

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOBA501R	29-36.6832-93.6545-4-52-000	7.3	305	3.20	0.222	.	37.0	3100	.	M	13.0	2120	-0.1	0.73
MOBA502R	29-36.7004-93.6263-4-53-000	8.0	140	0.80	0.081	.	42.0	3300	.	M	20.0	2500	-0.1	0.58
MOBA503R	29-36.6920-93.5870-4-52-000	8.0	340	2.90	0.119	.	33.0	2800	23	M	23.0	1820	0.3	0.35
MOBA504R	29-36.7323-93.5999-4-52-000	7.5	600	6.00	0.275	.	52.0	4600	28	M	47.0	3530	0.8	0.46
MOBA505R	29-36.7453-93.6349-4-52-000	7.6	550	6.00	0.465	.	.	7000	.	M	56.0	3440	0.7	0.85
MOBA506R	29-36.7999-93.6001-4-52-000	8.0	290	3.40	0.243	.	20.0	2900	40	M	23.0	2180	-0.1	0.84
MOBA507R	29-36.7753-93.5996-4-52-000	7.6	460	5.20	-0.002	.	24.0	3000	39	M	14.0	3110	-0.1	M
MOBA508R	29-36.7637-93.6497-4-52-000	7.3	600	7.90	0.347	.	42.0	6900	50	M	74.0	4530	-0.1	0.58
MOBA509R	29-36.7612-93.6905-4-53-000	7.5	350	4.50	-0.002	.	36.0	4200	.	M	16.0	2250	-0.1	M
MOBA510R	29-36.7454-93.6845-4-52-000	7.5	875	7.90	-0.002	.	75.0	19200	.	M	.	9600	-0.1	M
MOBA511R	29-36.7719-93.7197-4-52-000	7.5	600	7.50	-0.002	.	.	5000	69	M	59.0	3940	-0.1	M
MOBA512R	29-36.7963-93.7407-4-52-000	8.1	260	3.20	0.128	.	18.0	3100	740	M	18.0	3910	-0.1	0.49
MOBA513R	29-36.7644-93.7471-4-53-000	7.7	260	3.60	0.126	.	22.0	4500	44	M	28.0	2560	-0.1	0.48
MOBA514R	29-36.8955-93.7850-4-52-000	8.0	420	3.20	0.167	.	85.0	5300	1741	M	28.0	61090	-0.1	0.40
MOBA515R	29-36.8898-93.7594-4-52-000	8.5	370	3.10	-0.002	.	65.0	7800	1646	M	24.0	69380	0.6	M
MOBA516R	29-36.8940-93.7169-4-52-000	8.0	375	4.50	-0.002	.	27.0	3300	90	M	40.0	5310	-0.1	M
MOBA517R	29-36.8932-93.6817-4-52-000	7.5	170	1.50	0.058	.	34.0	4600	64	M	49.0	3490	-0.1	0.34
MOBA518R	29-36.9019-93.6278-4-52-000	7.6	320	4.20	0.179	.	70.0	6700	199	M	23.0	4590	0.6	0.56
MOBA519R	29-36.8735-93.6623-4-52-000	7.8	415	6.00	0.078	.	29.0	5000	52	M	27.0	2860	-0.1	0.19
MOBA520R	29-36.8623-93.6234-4-52-000	7.6	450	5.20	0.321	.	96.0	12800	37	M	39.0	5390	0.6	0.71
MOBA521R	29-36.8370-93.5330-4-52-000	7.5	325	4.80	0.218	.	33.0	3600	27	M	38.0	3030	0.4	0.67
MOBA522R	29-36.8137-93.6407-4-52-000	7.6	370	4.90	0.428	.	.	3600	47	M	32.0	3240	-0.1	1.16
MOBA523R	29-36.8062-93.6789-4-52-000	7.6	600	5.20	0.550	.	38.0	9400	.	M	78.0	5070	-0.1	0.92
MOBA524R	29-36.8380-93.6757-4-52-000	7.3	650	5.20	0.539	.	72.0	6900	.	M	101.0	4000	-0.1	0.83
MOBA525R	29-36.8284-93.7160-4-52-000	7.3	360	3.60	0.290	.	.	2700	128	M	62.0	2980	0.5	0.81
MOBA526R	29-36.8062-93.7532-4-52-000	7.8	260	3.00	0.239	.	26.0	2800	538	M	37.0	4550	-0.1	0.92
MOBA527R	29-36.8277-93.7916-4-52-000	7.5	440	3.80	0.081	.	72.0	15700	30	M	.	11490	0.5	0.18
MOBA528R	29-36.8651-93.7956-4-52-000	7.6	270	2.20	0.160	.	30.0	2700	451	M	29.0	3280	-0.1	0.59
MOBA529R	29-36.7732-93.7908-4-52-000	7.9	240	1.80	0.226	.	51.0	3900	99	M	38.0	4410	-0.1	0.94
MOBA530R	29-36.7446-93.7541-4-52-000	8.0	350	4.10	-0.002	.	22.0	1500	98	M	23.0	3460	-0.1	M
MOBA531R	29-36.7500-93.7361-4-52-000	8.1	200	1.60	0.115	.	43.0	2000	43	M	50.0	3850	0.6	0.58
MOBA532R	29-36.7338-93.7919-4-52-000	8.0	285	2.20	0.122	.	.	3500	1374	M	.	25110	1.1	0.43
MOBA533R	29-36.8085-93.8043-4-52-000	8.0	370	3.60	0.368	.	32.0	9300	120	M	24.0	5530	0.6	0.99
MOBA534R	29-36.8675-93.7463-4-52-000	7.8	320	3.60	0.127	.	108.0	6800	33	M	46.0	4120	0.6	0.40
MOBA535R	29-36.7129-93.6243-4-52-000	7.4	475	6.50	0.347	.	22.0	1200	61	M	39.0	3010	-0.1	0.73
MOBA536R	29-36.8288-93.7490-4-52-000	7.9	360	3.70	0.213	.	34.0	1300	34	M	34.0	3160	-0.1	0.59
MOBA537R	29-36.8638-93.7188-4-52-000	7.9	340	2.50	-0.002	.	19.0	3900	1263	M	40.0	26150	-0.1	M
MOBA538R	29-36.7975-93.9141-4-52-000	6.6	335	2.70	-0.002	.	75.0	15200	.	M	44.0	7210	-0.1	M
MOBA539R	29-36.8019-93.9597-4-52-000	6.9	302	3.40	-0.002	.	64.0	2000	26	M	32.0	4130	-0.1	M
MOBA540R	29-36.8093-94.0023-4-52-000	7.0	306	2.70	-0.002	.	44.0	1400	.	M	34.0	3850	-0.1	M
MOBA541R	29-36.8060-94.0258-4-52-000	6.8	239	2.50	0.161	.	29.0	1700	.	M	39.0	3510	0.4	0.67
MOBA542R	29-36.8295-94.0484-4-52-000	7.0	305	2.70	-0.002	.	24.0	6700	.	M	53.0	3380	-0.1	M
MOBA543R	29-36.8436-94.0208-4-52-000	6.8	320	3.60	0.350	.	32.0	3600	.	M	39.0	3910	-0.1	1.09
MOBA544R	29-36.8515-93.9841-4-52-000	6.9	305	3.00	-0.002	.	67.0	1200	.	M	36.0	3700	0.5	M
MOBA545R	29-36.8455-93.9556-4-52-000	6.2	160	0.80	0.021	.	75.0	1900	.	M	83.0	7620	0.3	0.13
MOBA546R	29-36.8469-93.9274-4-52-000	7.0	300	2.80	-0.002	.	42.0	3800	.	M	40.0	4680	0.4	M
MOBA547R	29-36.8682-93.9189-4-52-000	7.1	315	2.70	-0.002	.	66.0	6400	.	M	48.0	4260	-0.1	M
MOBA548R	29-36.8730-93.9459-4-52-000	7.0	420	3.10	-0.002	.	39.0	7900	14	M	50.0	5320	-0.1	M
MOBA549R	29-36.8745-93.9911-4-52-000	7.0	345	3.90	-0.002	.	33.0	2300	.	M	37.0	4520	-0.1	M
MOBA550R	29-36.8872-94.0496-4-52-000	7.1	340	3.10	0.184	.	84.0	2500	.	M	38.0	4610	-0.1	0.54
MOBA551R	29-36.9181-94.0579-4-52-000	7.1	487	3.40	0.220	.	.	13800	.	M	35.0	8930	0.5	0.46
MOBA552R	29-36.9049-94.0252-4-52-000	7.2	375	2.80	-0.002	.	46.0	4000	108	M	45.0	5240	0.3	M
MOBA553R	29-36.8987-93.9895-4-52-000	7.2	380	3.70	0.210	.	70.0	6600	33	M	27.0	5180	0.5	0.55

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOBA554R	29-36.9046-93.9533-4-52-000	7.1	340	3.60	-0.002	.	44.0	5000	.	M	47.0	3710	-0.1	M
MOBA555R	29-36.9019-93.9109-4-52-000	7.2	287	2.60	0.193	.	49.0	5900	.	M	39.0	4980	-0.1	0.67
MOBA556R	29-36.9056-93.8756-4-52-000	7.1	310	3.70	0.152	.	30.0	2200	.	M	45.0	3750	-0.1	0.49
MOBA557R	29-36.9001-93.8278-4-52-000	7.1	317	2.80	0.104	.	52.0	9500	.	M	39.0	4120	0.6	0.33
MOBA558R	29-36.8403-93.8438-4-53-000	7.3	355	3.60	0.312	.	.	3100	.	M	35.0	3450	-0.1	0.88
MOBA559R	29-36.8672-93.8534-4-52-000	7.1	345	2.90	0.175	.	97.0	10700	.	M	33.0	5810	-0.1	0.51
MOBA560R	29-36.8722-93.8951-4-52-000	7.0	340	3.10	0.197	.	83.0	9800	.	M	36.0	5970	-0.1	0.58
MOBA561R	29-36.7346-93.9699-4-52-000	6.8	300	2.60	0.495	.	102.0	11500	.	M	48.0	7770	-0.1	1.65
MOBA562R	29-36.7138-93.9528-4-52-000	7.0	448	2.70	-0.002	.	.	19700	.	M	42.0	10420	0.8	M
MOBA563R	29-36.7161-93.9902-4-52-000	7.2	357	3.60	-0.002	.	40.0	4400	.	M	36.0	4860	-0.1	M
MOBA564R	29-36.7469-93.9931-4-52-000	7.2	352	3.40	-0.002	.	43.0	4900	.	M	29.0	4330	-0.1	M
MOBA565R	29-36.7502-94.0378-4-52-000	7.1	320	3.30	0.333	.	63.0	4200	.	M	42.0	4170	-0.1	1.04
MOBA566R	29-36.7921-94.0415-4-52-000	7.1	270	2.60	0.330	.	48.0	4600	15	M	33.0	4480	0.4	1.22
MOBA567R	29-36.7765-93.9904-4-52-000	7.0	267	2.10	0.348	.	48.0	6600	.	M	41.0	4240	-0.1	1.30
MOBA568R	29-36.7654-93.9652-4-52-000	6.9	320	3.00	0.317	.	49.0	8300	29	M	39.0	5700	-0.1	0.99
MOBA569R	29-36.7737-93.9124-4-52-000	6.8	295	1.90	0.327	.	111.0	17200	58	M	55.0	7050	-0.1	1.11
MOBA570R	29-36.8423-93.8626-4-52-000	7.1	290	2.70	0.206	.	23.0	3400	22	M	32.0	3210	-0.1	0.71
MOBA571R	29-36.8053-93.8788-4-52-000	7.0	420	4.60	0.410	.	32.0	3700	.	M	53.0	5080	-0.1	0.98
MOBA572R	29-36.8038-93.8379-4-52-000	7.2	340	3.00	-0.002	.	97.0	8900	182	M	40.0	8370	-0.1	M
MOBA573R	29-36.7713-93.8356-4-52-000	7.1	437	4.60	0.109	.	18.0	3400	21	M	38.0	5130	-0.1	0.25
MOBA574R	29-36.7660-93.8898-4-52-000	7.2	282	2.80	-0.002	.	38.0	3100	105	M	22.0	5540	-0.1	M
MOBA575R	29-36.7466-93.9167-4-52-000	6.9	270	2.10	0.178	.	101.0	11500	77	M	39.0	8500	0.3	0.66
MOBA576R	29-36.7133-93.9190-4-52-000	6.9	250	2.40	0.232	.	37.0	6400	17	M	36.0	5230	-0.1	0.93
MOBA577R	29-36.7417-93.8866-4-52-000	7.2	320	3.50	-0.002	.	23.0	3300	31	M	30.0	6010	-0.1	M
MOBA578R	29-36.7436-93.8353-4-52-000	7.0	295	2.60	0.383	.	93.0	9300	.	M	39.0	4500	-0.1	1.30
MOBA579R	29-36.5034-93.9385-4-52-000	7.1	330	2.90	0.081	.	29.0	4300	303	M	33.0	9380	-0.1	0.25
MOBA580R	29-36.5197-93.9119-4-52-000	7.1	470	3.80	-0.002	.	46.0	3400	24	M	36.0	4550	-0.1	M
MOBA581R	29-36.5258-93.8850-4-52-000	7.3	340	3.50	0.289	.	40.0	3200	.	M	36.0	3520	0.6	0.85
MOBA582R	29-36.5576-93.9201-4-53-000	7.4	312	3.10	0.177	.	31.0	5000	16	M	41.0	6400	0.5	0.57
MOBA583R	29-36.5646-93.9725-4-52-000	7.0	670	5.50	0.596	.	.	36100	.	M	62.0	18810	-0.1	0.89
MOBA584R	29-36.5691-93.9463-4-52-000	7.2	370	3.80	-0.002	.	61.0	6400	.	M	36.0	5510	0.5	M
MOBA585R	29-36.5472-93.8928-4-52-000	7.5	387	2.90	-0.002	.	.	8500	72	M	38.0	9940	-0.1	M
MOBA586R	29-36.6206-93.8521-4-52-000	7.6	210	2.00	0.247	.	.	4800	33	M	25.0	7070	0.8	1.18
MOBA587R	29-36.6235-93.8753-4-52-000	7.1	698	4.60	-0.002	.	.	5600	65	M	106.0	9210	-0.1	M
MOBA588R	29-36.6433-93.8719-4-52-000	7.2	352	3.50	-0.002	.	15.0	3000	246	M	41.0	6480	-0.1	M
MOBA589R	29-36.6515-93.8456-4-52-000	7.1	256	2.10	0.191	.	43.0	4000	15	M	29.0	5350	-0.1	0.75
MOBA590R	29-36.6719-93.8094-4-52-000	7.3	280	2.40	0.205	.	35.0	5400	.	M	30.0	5680	0.4	0.73
MOBA591R	29-36.7034-93.8487-4-52-000	6.9	287	2.60	0.181	.	.	5900	15	M	39.0	5100	0.4	0.63
MOBA592R	29-36.7107-93.8774-4-52-000	7.1	369	2.40	0.088	.	.	11300	59	M	41.0	6960	0.4	0.24
MOBA593R	29-36.6824-93.9096-4-52-000	7.1	405	3.20	0.203	.	61.0	11200	13	M	29.0	8100	-0.1	0.50
MOBA594R	29-36.6900-93.8882-4-52-000	7.2	387	3.90	-0.002	.	31.0	2700	.	M	54.0	4660	1.4	M
MOBA595R	29-36.6817-93.9566-4-53-000	7.2	270	2.10	0.204	.	75.0	8200	.	M	40.0	7340	-0.1	0.76
MOBA596R	29-36.6811-93.9973-4-52-000	7.5	370	3.70	-0.002	.	17.0	6000	15	M	42.0	6750	-0.1	M
MOBA597R	29-36.7213-94.0339-4-52-000	6.9	232	1.90	0.069	.	28.0	5800	.	M	20.0	5270	-0.1	0.30
MOBA598R	29-36.6877-94.0396-4-53-000	7.3	328	3.10	0.292	.	28.0	3700	.	M	33.0	4300	-0.1	0.89
MOBA599R	29-36.6570-94.0260-4-53-000	7.3	210	2.40	-0.002	.	59.0	8000	.	M	57.0	5780	0.7	M
MOBA600R	29-36.6541-93.9943-4-53-000	6.9	340	2.50	0.376	.	107.0	11600	.	M	35.0	7870	-0.1	1.11
MOBA601R	29-36.6238-93.9899-4-53-000	6.8	170	0.90	0.052	.	88.0	11400	.	M	40.0	8830	0.8	0.31
MOBA602R	29-36.6245-93.9594-4-52-000	7.2	432	3.60	0.383	.	81.0	17700	.	M	46.0	7050	-0.1	0.89
MOBA603R	29-36.6514-93.9596-4-52-000	7.2	380	3.70	-0.002	.	33.0	3900	.	M	38.0	4700	-0.1	M
MOBA604R	29-36.6443-93.9146-4-52-000	7.3	322	3.70	-0.002	.	38.0	3000	29	M	31.0	4370	0.3	M
MOBA605R	29-36.6264-93.9226-4-52-000	7.2	342	2.80	-0.002	.	82.0	10700	.	M	55.0	6230	-0.1	M
MOBA606R	29-36.5998-93.8965-4-52-000	7.4	342	3.60	0.231	.	36.0	3300	.	M	28.0	5530	0.8	0.68

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MOBA607R	29-36.5893-93.9298-4-52-000	7.6	297	2.60	0.190	.	31.0	3900	177	M	51.0	6690	-0.1	0.64
MOBA608R	29-36.5900-93.8321-4-53-000	7.3	230	2.40	0.199	.	47.0	5900	.	M	35.0	5490	-0.1	0.87
MOBA609R	29-36.6011-93.9631-4-52-000	7.0	231	2.00	0.063	.	41.0	4000	26	M	31.0	5170	0.6	0.27
MOBA610R	29-36.5882-93.9991-4-52-000	7.7	212	1.80	0.262	.	21.0	4300	116	M	39.0	5060	-0.1	1.24
MOBA611R	29-36.6185-94.0371-4-52-000	7.5	320	3.30	0.127	.	20.0	2900	274	M	41.0	8780	-0.1	0.40
MOBA612R	29-36.6484-94.0662-4-52-000	8.0	221	2.70	0.019	.	.	2600	542	M	34.0	14450	-0.1	0.09
MOBA613R	29-36.5842-94.0564-4-53-000	7.6	240	1.90	0.196	.	36.0	3500	.	M	38.0	4860	-0.1	0.82
MOBA614R	29-36.5396-94.0699-4-52-000	7.3	310	3.30	0.064	.	20.0	3100	150	M	28.0	4620	0.5	0.21
MOBA615R	29-36.5202-94.0384-4-52-000	7.0	310	3.10	0.124	.	.	5400	.	M	44.0	5480	0.6	0.40
MOBA616R	29-36.5566-94.0168-4-53-000	7.2	242	2.40	0.117	.	52.0	5700	.	M	29.0	5080	0.3	0.48
MOBA617R	29-36.5185-94.0061-4-52-000	7.7	320	3.60	0.038	.	19.0	4100	1411	M	40.0	15190	-0.1	0.12
MOBA618R	29-36.5095-93.9613-4-52-000	7.6	283	2.60	0.077	.	16.0	2500	118	M	36.0	5150	-0.1	0.27
MOBA619R	29-36.5471-93.7981-4-52-000	7.6	425	3.10	0.405	.	35.0	5300	306	M	30.0	4520	0.5	0.95
MOBA620R	29-36.5233-93.8333-4-52-000	7.4	670	3.80	0.248	.	84.0	9500	173	M	85.0	8350	-0.1	0.37
MOBA621R	29-36.6519-93.7986-4-52-000	7.4	302	1.90	-0.002	.	54.0	5400	287	M	28.0	4910	-0.1	M
MOBA622R	29-36.6510-93.7547-4-52-000	7.6	570	3.00	0.205	.	62.0	9800	79	M	68.0	9070	-0.1	0.36
MOBA623R	29-36.6597-93.6697-4-52-000	7.5	560	3.00	-0.002	.	83.0	9300	209	M	71.0	9170	0.7	M
MOBA624R	29-36.6469-93.6101-4-52-000	7.3	525	4.70	-0.002	.	136.0	11800	50	M	87.0	8580	-0.1	M
MOBA625R	29-36.6472-93.6384-4-52-000	7.6	520	3.60	0.611	.	89.0	12900	47	M	59.0	11950	-0.1	1.18
MOBA626R	29-36.6182-93.6081-4-52-000	7.3	520	4.00	-0.002	.	132.0	11900	.	M	64.0	8010	-0.1	M
MOBA627R	29-36.5844-93.6032-4-52-000	7.3	590	4.60	0.655	.	152.0	12800	70	M	105.0	9140	0.8	1.11
MOBA628R	29-36.5753-93.6527-4-52-000	7.3	490	3.80	0.560	.	91.0	8800	80	M	27.0	4990	0.4	1.14
MOBA629R	29-36.6008-93.6639-4-52-000	7.4	550	3.80	9.482	.	109.0	10800	45	M	92.0	8680	-0.1	17.24
MOBA630R	29-36.6110-93.6472-4-52-000	7.5	495	3.40	-0.002	.	106.0	6100	74	M	31.0	5130	-0.1	M
MOBA631R	29-36.6820-93.6857-4-53-000	7.2	215	1.20	0.088	.	66.0	7700	.	M	39.0	5660	-0.1	0.41
MOBA632R	29-36.7127-93.6722-4-52-000	7.3	540	4.00	0.335	.	144.0	17700	.	M	112.0	10960	-0.1	0.62
MOBA633R	29-36.6827-93.8000-4-52-000	7.8	288	2.20	0.339	.	.	6300	67	M	39.0	5130	-0.1	1.18
MOBA634R	29-36.7106-93.7935-4-52-000	7.5	530	3.70	0.104	.	138.0	7300	526	M	68.0	33220	-0.1	0.20
MOBA635R	29-36.6848-93.7558-4-52-000	7.6	220	1.20	0.179	.	177.0	14300	.	M	15.0	10780	-0.1	0.81
MOBA636R	29-36.6814-93.7230-4-52-000	7.6	376	2.50	0.243	.	72.0	6000	77	M	42.0	5630	0.3	0.65
MOBA637R	29-36.7117-93.7303-4-53-000	7.5	280	2.10	0.168	.	122.0	9300	34	M	46.0	6060	-0.1	0.60
MOBA638R	29-36.7186-93.7669-4-52-000	7.9	244	1.70	0.169	.	59.0	5400	667	M	32.0	11250	-0.1	0.69
MOBA639R	29-36.6620-93.7085-4-52-000	7.5	520	3.10	0.226	.	45.0	4300	95	M	67.0	8970	-0.1	0.43
MOBA640R	29-36.6267-93.7999-4-52-000	7.5	487	2.70	0.541	.	38.0	2500	76	M	28.0	6520	0.6	1.11
MOBA641R	29-36.6041-93.7106-4-52-000	7.5	460	3.30	-0.002	.	.	2600	18	M	42.0	4340	-0.1	M
MOBA642R	29-36.5776-93.7007-4-52-000	7.5	520	4.10	0.618	.	71.0	8100	61	M	72.0	10140	0.7	1.19
MOBA643R	29-36.5587-93.7129-4-52-000	7.5	415	3.20	-0.002	.	.	3000	240	M	30.0	4930	-0.1	M
MOBA644R	29-36.5534-93.7614-4-52-000	7.1	720	5.80	0.387	.	162.0	13600	.	M	77.0	9120	0.8	0.54
MOBA645R	29-36.4987-93.7087-4-52-000	7.4	430	3.50	0.296	.	64.0	5200	15	M	36.0	5520	-0.1	0.69
MOBA646R	29-36.5096-93.6899-4-52-000	7.5	456	3.70	-0.002	.	.	2800	49	M	32.0	5080	-0.1	M
MOBA647R	29-36.5136-93.6095-4-52-000	7.4	550	4.00	-0.002	.	68.0	4600	42	M	101.0	9080	-0.1	M
MOBA648R	29-36.5254-93.6501-4-52-000	7.5	760	4.10	0.435	.	384.0	34100	.	M	90.0	12730	-0.1	0.57
MOBA649R	29-36.5457-93.6448-4-52-000	7.9	481	3.10	-0.002	.	60.0	4000	54	M	28.0	5260	-0.1	M
MOBA650R	29-36.5544-93.6102-4-52-000	7.5	416	3.50	-0.002	.	60.0	3200	27	M	37.0	4610	-0.1	M
MOBA651R	29-36.5464-93.6747-4-52-000	7.4	487	3.80	-0.002	.	27.0	3500	26	M	29.0	4820	-0.1	M
MOBA652R	29-36.5319-93.7319-4-52-000	7.4	495	3.70	-0.002	.	30.0	4300	42	M	39.0	5350	0.4	M
MOBA653R	29-36.5136-93.7467-4-52-000	7.6	362	3.30	0.204	.	19.0	2600	145	M	45.0	5000	0.3	0.56
MOBA654R	29-36.5247-93.7737-4-52-000	7.3	575	4.70	0.419	.	.	5700	42	M	38.0	4770	-0.1	0.73
MOBA655R	29-36.5730-93.8038-4-52-000	7.4	570	2.80	0.357	.	.	5700	83	M	71.0	10470	-0.1	0.63
MOBA656R	29-36.5794-93.7476-4-52-000	7.7	381	2.50	0.360	.	.	3100	168	M	39.0	6210	-0.1	0.94
MOBA657R	29-36.5987-93.7593-4-53-000	7.5	248	2.00	0.199	.	35.0	3000	34	M	41.0	4850	0.4	0.80
MOBL501R	29-36.7599-90.1921-4-52-000	7.3	480	4.00	0.039	.	21.0	10400	39	M	957.0	9910	-0.1	0.08
MOBL502R	29-36.8142-90.2340-4-52-000	7.2	363	3.60	0.012	.	27.0	5100	71	M	527.0	7340	-0.1	0.03

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOBL503R	29-36.8470-90.2518-4-52-000	7.0	251	2.40	-0.002	.	41.0	4300	43	M	134.0	36710	-0.1	M
MOBL504R	29-36.8594-90.3010-4-52-000	7.4	344	3.00	0.216	.	.	8400	18	M	202.0	6450	0.2	0.63
MOBL505R	29-36.9063-90.3140-4-52-000	7.5	273	2.20	0.122	.	35.0	5200	25	M	176.0	5580	0.2	0.45
MOBL506R	29-36.9017-90.3416-4-52-000	7.6	325	2.40	0.092	.	50.0	5600	.	M	183.0	6340	-0.1	0.28
MOBL507R	29-36.9047-90.4098-4-52-000	7.6	365	3.60	0.315	.	.	4700	45	M	209.0	5840	-0.1	0.86
MOBL508R	29-36.9099-90.4679-4-52-000	7.4	432	3.60	0.348	.	.	9000	10	M	217.0	7440	-0.1	0.81
MOBL509R	29-36.9051-90.5288-4-53-000	7.5	314	3.20	0.106	.	29.0	4000	24	M	209.0	5970	-0.1	0.34
MOBL510R	29-36.8686-90.5085-4-52-000	7.7	298	2.40	0.254	.	15.0	7300	28	M	180.0	5840	-0.1	0.85
MOBL511R	29-36.7286-90.4257-4-52-000	7.3	414	2.40	0.055	.	.	34400	111	M	161.0	19420	-0.1	0.13
MOBL512R	29-36.7272-90.4706-4-52-000	7.4	326	2.40	0.125	.	90.0	14500	29	M	174.0	7070	-0.1	0.38
MOBL513R	29-36.7200-90.5342-4-52-000	7.4	383	3.60	0.430	.	.	12300	19	M	191.0	7180	-0.1	1.12
MOBL514R	29-36.7381-90.5833-4-52-000	7.0	170	1.40	0.040	.	50.0	5500	13	M	142.0	5780	0.3	0.24
MOBL515R	29-36.7753-90.5899-4-52-000	7.3	339	3.40	0.210	.	.	6800	24	M	187.0	6150	0.2	0.62
MOBL516R	29-36.8076-90.5272-4-52-000	7.3	405	4.00	0.540	.	83.0	11600	.	M	.	9660	0.5	1.33
MOBL517R	29-36.8210-90.5931-4-53-000	7.2	312	2.60	0.153	.	.	4900	.	M	188.0	5350	-0.1	0.49
MOBL518R	29-36.8327-90.6377-4-52-000	7.7	364	3.20	0.305	.	.	4500	20	M	195.0	5870	-0.1	0.84
MOBL519R	29-36.8561-90.6215-4-52-000	7.6	430	4.00	0.184	.	.	5500	29	M	148.0	4310	-0.1	0.43
MOBL520R	29-36.9102-90.6443-4-52-000	7.5	378	3.40	0.228	.	.	6900	18	M	.	4530	-0.1	0.60
MOBL521R	29-36.8959-90.6047-4-52-000	7.6	237	1.60	0.147	.	.	3000	.	M	103.0	4000	-0.1	0.62
MOBL522R	29-36.8589-90.5694-4-52-000	7.0	268	2.20	0.168	.	.	3000	53	M	107.0	3750	-0.1	0.63
MOBL523R	29-36.7676-90.5294-4-52-000	7.5	440	3.00	0.205	.	.	11000	.	M	.	7500	0.2	0.47
MOBL524R	29-36.7659-90.4814-4-52-000	7.6	390	3.40	0.210	.	.	9900	.	M	145.0	4770	0.2	0.54
MOBL525R	29-36.7594-90.4374-4-52-000	6.8	224	1.80	0.020	.	.	7700	23	M	103.0	5020	-0.1	0.09
MOBL526R	29-36.7814-90.3446-4-52-000	6.9	216	1.80	0.008	.	72.0	4400	38	M	978.0	7370	-0.1	0.04
MOBL527R	29-36.8112-90.3521-4-52-000	7.3	397	4.00	0.232	.	.	2600	16	M	173.0	3850	-0.1	0.58
MOBL528R	29-36.7670-90.2980-4-52-000	7.1	357	3.20	0.002	.	.	2600	72	M	708.0	4010	0.3	0.01
MOBL529R	29-36.7730-90.2557-4-52-000	7.1	385	3.60	-0.002	.	14.0	3000	67	M	158.0	7040	0.1	M
MOBL530R	29-36.8122-90.3145-4-52-000	7.8	425	3.60	0.165	.	.	2500	103	M	155.0	4020	0.2	0.39
MOBL531R	29-36.8656-90.3567-4-52-000	7.5	408	3.60	0.143	.	.	2000	18	M	152.0	3950	-0.1	0.35
MOBL532R	29-36.8578-90.3966-4-52-000	7.6	411	3.80	0.233	.	.	2500	59	M	.	3530	-0.1	0.57
MOBL533R	29-36.8214-90.4262-4-52-000	6.0	53	0.32	0.005	.	15.0	3200	22	M	56.0	3530	0.2	0.09
MOBL534R	29-36.8641-90.4594-4-52-000	7.6	338	2.80	0.479	.	25.0	2600	.	M	.	3620	-0.1	1.42
MOBL535R	29-36.8181-90.4601-4-52-000	6.2	70	0.32	0.003	.	.	2700	.	M	117.0	3290	-0.1	0.04
MOBL536R	29-36.6814-90.4816-4-52-000	7.3	455	3.80	0.328	.	.	7100	40	M	161.0	6950	0.2	0.72
MOBL537R	29-36.6856-90.5354-4-52-000	7.0	412	2.60	0.099	.	.	28200	.	M	121.0	11850	-0.1	0.24
MOBL538R	29-36.6885-90.5894-4-52-000	7.9	441	4.20	0.489	.	.	4900	30	M	162.0	2810	-0.1	1.11
MOBL539R	29-36.6250-90.5889-4-52-000	7.0	395	3.00	0.084	.	.	21000	.	M	135.0	7510	-0.1	0.21
MOBL540R	29-36.6345-90.5393-4-52-000	6.3	160	0.24	0.014	.	41.0	7900	16	M	54.0	4450	1.0	0.09
MOBL541R	29-36.5791-90.5395-4-52-000	6.1	148	0.34	-0.002	.	34.0	12000	.	M	50.0	4460	-0.1	M
MOBL542R	29-36.5532-90.5395-4-52-000	5.9	192	0.22	-0.002	.	.	12600	.	M	82.0	9960	-0.1	M
MOBL543R	29-36.5033-90.5372-4-52-000	5.7	222	0.22	-0.002	.	62.0	5500	28	M	100.0	8800	-0.1	M
MOBL544R	29-36.5171-90.4984-4-52-000	6.6	180	0.68	-0.002	.	.	10500	15	M	1077.0	9150	-0.1	M
MOBL545R	29-36.5456-90.4834-4-52-000	6.2	98	0.16	-0.002	.	43.0	6100	.	M	85.0	4400	-0.1	M
MOBL546R	29-36.5909-90.4891-4-52-000	7.1	413	2.60	-0.002	.	108.0	16400	72	M	763.0	16430	0.3	M
MOBL547R	29-36.6346-90.4900-4-52-000	6.7	201	0.84	0.009	.	42.0	12100	74	M	79.0	24140	-0.1	0.04
MOBL548R	29-36.6341-90.4266-4-52-000	6.8	605	2.80	-0.002	.	363.0	73000	.	M	112.0	74640	-0.1	M
MOBL549R	29-36.6795-90.4403-4-52-000	7.0	565	4.40	0.032	.	.	17500	.	M	2028.0	15980	-0.1	0.06
MOBL550R	29-36.6764-90.3730-4-52-000	7.3	720	2.80	0.038	.	.	57800	.	M	1021.0	39860	-0.1	0.05
MOBL551R	29-36.7228-90.3633-4-52-000	7.0	168	1.40	0.014	.	497.0	5000	101	M	2255.0	7030	-0.1	0.08
MOBL552R	29-36.5876-90.4136-4-52-000	7.0	630	5.60	-0.002	.	80.0	20600	53	M	779.0	12980	-0.1	M
MOBL553R	29-36.5466-90.4063-4-52-000	7.0	267	1.60	0.099	.	37.0	7100	307	M	115.0	17040	0.3	0.37
MOBL554R	29-36.5217-90.4093-4-52-000	6.3	257	0.60	0.043	.	665.0	17700	21	M	581.0	11780	-0.1	0.17
MOBL555R	29-36.5505-90.3770-4-52-000	6.0	238	0.48	0.005	.	54.0	15200	54	M	91.0	16610	-0.1	0.02

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOBL556R	29-36.5862-90.3676-4-52-000	6.1	510	0.80	0.065	.	.	72200	.	M	411.0	31540	-0.1	0.13
MOBL557R	29-36.6449-90.3758-4-52-000	7.1	700	3.60	0.013	.	29.0	45300	.	M	628.0	14770	-0.1	0.02
MOBL558R	29-36.6424-90.2999-4-52-000	7.1	540	4.40	0.054	.	57.0	15000	193	M	1182.0	15590	-0.1	0.10
MOBL559R	29-36.5882-90.3095-4-52-000	7.0	660	5.00	-0.002	.	78.0	15700	110	M	1158.0	11560	-0.1	M
MOBL560R	29-36.5427-90.3193-4-52-000	7.4	380	3.20	0.008	.	58.0	7700	220	M	257.0	24060	-0.1	0.02
MOBL561R	29-36.5099-90.3665-4-52-000	6.6	197	0.60	0.015	.	31.0	9900	22	M	501.0	10610	0.3	0.08
MOBL562R	29-36.5161-90.3195-4-52-000	7.4	403	4.20	0.031	.	20.0	4900	78	M	382.0	4640	-0.1	0.08
MOBL563R	29-36.5017-90.2465-4-52-000	7.3	700	5.40	0.024	.	104.0	21900	127	M	557.0	24760	-0.1	0.03
MOBL564R	29-36.5426-90.2502-4-52-000	7.4	430	4.00	0.002	.	.	5300	126	M	401.0	7620	-0.1	0.00
MOBL565R	29-36.5554-90.2279-4-52-000	7.0	491	4.20	-0.002	.	38.0	9000	215	M	519.0	8920	-0.1	M
MOBL566R	29-36.5849-90.2097-4-52-000	7.5	402	2.40	1.403	.	78.0	12000	146	M	692.0	8970	-0.1	3.49
MOBL567R	29-36.5891-90.2579-4-52-000	7.5	424	3.40	-0.002	.	.	5700	130	M	608.0	8240	-0.1	M
MOBL568R	29-36.6889-90.3044-4-52-000	7.1	303	2.40	0.002	.	.	6800	63	M	1912.0	5910	-0.1	0.01
MOBL569R	29-36.6295-90.2494-4-52-000	7.4	460	3.60	0.019	.	47.0	7400	148	M	394.0	5820	-0.1	0.04
MOBL570R	29-36.6319-90.1964-4-52-000	6.9	525	2.40	0.020	.	47.0	48300	.	M	1289.0	17680	-0.1	0.04
MOBL571R	29-36.6723-90.1901-4-52-000	7.6	390	3.00	-0.002	.	46.0	7100	115	M	399.0	9690	-0.1	M
MOBL572R	29-36.6731-90.2629-4-52-000	6.5	196	0.64	0.015	.	.	8200	.	M	92.0	13110	-0.1	0.08
MOBL573R	29-36.7256-90.3086-4-52-000	6.8	615	2.40	0.025	.	2826.0	108600	.	M	1736.0	43300	-0.1	0.04
MOBL574R	29-36.7315-90.2487-4-52-000	5.7	173	0.26	0.007	.	44.0	7000	.	M	110.0	7560	-0.1	0.04
MOBL575R	29-36.7188-90.1925-4-52-000	7.4	350	2.80	0.019	.	52.0	12600	102	M	488.0	7550	-0.1	0.05
MOBL576R	29-36.6740-90.4061-4-52-000	7.2	310	3.00	0.017	.	20.0	8800	483	M	511.0	5080	-0.1	0.05
MOBL577R	29-36.6589-90.4177-4-52-000	6.9	410	3.10	-0.002	.	142.0	22100	82	M	709.0	11900	-0.1	M
MOBL578R	29-36.6313-90.4042-4-52-000	6.8	600	5.20	0.520	.	54.0	28300	.	M	789.0	26800	-0.1	0.87
MOBL579R	29-36.6634-90.4421-4-52-000	7.0	600	4.30	0.023	.	275.0	42600	.	M	518.0	22340	-0.1	0.04
MOBL580R	29-36.6659-90.4714-4-52-000	7.4	210	1.80	0.657	.	41.0	5600	59	M	120.0	4920	1.8	3.13
MOBL581R	29-36.6641-90.5241-4-52-000	7.2	600	5.60	0.553	.	.	18700	67	M	243.0	8550	-0.1	0.92
MOBL582R	29-36.6612-90.5458-4-52-000	7.6	220	1.40	0.034	.	152.0	22500	.	M	121.0	6050	-0.1	0.15
MOBL583R	29-36.6172-90.5170-4-52-000	7.3	145	0.24	0.022	.	.	7700	41	M	75.0	9100	-0.1	0.15
MOBL584R	29-36.6089-90.5636-4-52-000	7.3	140	1.00	0.004	.	30.0	5400	48	M	148.0	5310	-0.1	0.03
MOBL585R	29-36.5269-90.5326-4-52-000	7.0	230	1.52	0.004	.	25.0	5800	23	M	1091.0	6320	0.3	0.02
MOBL586R	29-36.5328-90.5531-4-52-000	7.0	210	0.40	0.011	.	48.0	15300	.	M	101.0	9860	-0.1	0.05
MOBL587R	29-36.5588-90.4906-4-52-000	6.7	310	2.48	-0.002	.	.	6200	100	M	1751.0	7170	0.3	M
MOBL588R	29-36.5319-90.4515-4-52-000	6.9	415	3.32	0.004	.	19.0	11200	131	M	272.0	23890	-0.1	0.01
MOBL589R	29-36.5711-90.4471-4-52-000	6.9	410	3.30	0.008	.	86.0	14800	83	M	262.0	13150	0.3	0.02
MOBL590R	29-36.6927-90.3561-4-52-000	7.1	410	3.60	0.010	.	164.0	17300	40	M	418.0	6480	-0.1	0.02
MOBL591R	29-36.6628-90.3216-4-52-000	6.7	430	4.00	0.002	.	.	13900	26	M	1640.0	5570	-0.1	0.00
MOBL592R	29-36.6345-90.3168-4-52-000	7.0	470	5.80	-0.002	.	53.0	4300	80	M	488.0	4220	-0.1	M
MOBL593R	29-36.6223-90.2727-4-52-000	7.1	490	6.00	0.008	.	62.0	6100	58	M	718.0	6650	-0.1	0.02
MOBL594R	29-36.5957-90.2713-4-52-000	7.0	1400	8.20	34.100	.	.	284500	344	M	813.0	163750	8.5	24.36
MOBL595R	29-36.5888-90.2314-4-52-000	6.9	325	3.20	-0.002	.	.	M	.	M	.	M	-0.1	M
MOBL596R	29-36.5711-90.1907-4-52-000	7.0	460	3.80	0.024	.	6600.0	7300	77	M	804.0	12110	-0.1	0.05
MOBL597R	29-36.5302-90.2588-4-52-000	7.2	460	5.80	0.057	.	23.0	5900	89	M	567.0	7740	-0.1	0.12
MOBL598R	29-36.5648-90.2770-4-52-000	6.9	180	2.20	0.034	.	.	5500	92	M	169.0	7770	-0.1	0.19
MOBL599R	29-36.5662-90.3165-4-52-000	7.0	510	7.00	-0.002	.	97.0	19200	122	M	609.0	37720	-0.1	M
MOBL600R	29-36.7504-90.3412-4-52-000	6.2	240	1.30	0.010	.	.	18800	.	M	.	9650	-0.1	0.04
MOBL601R	29-36.7500-90.3145-4-52-000	6.2	400	4.00	0.095	.	28.0	12900	86	M	782.0	13130	-0.1	0.24
MOBL602R	29-36.7523-90.2786-4-52-000	6.6	470	2.90	0.003	.	105.0	35100	.	M	404.0	13840	-0.1	0.01
MOBL603R	29-36.7307-90.2836-4-52-000	6.3	210	1.50	0.036	.	24.0	6300	82	M	1773.0	9490	0.7	0.17
MOBL604R	29-36.6902-90.2766-4-52-000	6.4	330	0.48	0.017	.	.	15000	.	M	117.0	21990	-0.1	0.05
MOBL605R	29-36.6958-90.2287-4-52-000	6.2	200	0.32	0.001	.	51.0	7700	33	M	84.0	9360	-0.1	0.01
MOBL606R	29-36.6621-90.2371-4-52-000	6.2	260	1.08	0.019	.	28.0	7400	57	M	92.0	14110	-0.1	0.07
MOBL607R	29-36.6292-90.1674-4-52-000	6.5	115	0.58	0.005	.	46.0	4600	58	M	144.0	4840	2.9	0.04
MOBL608R	29-36.6606-90.1494-4-52-000	6.9	750	6.80	1.037	.	81.0	25100	37	M	1790.0	22020	1.7	1.45

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOBL609R	29-36.7043-90.1654-4-52-000	6.8	350	1.80	0.029	.	.	35900	80	M	224.0	10870	-0.1	0.08
MOBL610R	29-36.7017-90.1880-4-52-000	7.0	300	2.20	0.014	.	46.0	11700	64	M	1193.0	5060	0.5	0.05
MOBL611R	29-36.7165-90.1716-4-52-000	7.1	260	2.00	-0.002	.	57.0	5200	190	M	271.0	13730	-0.1	M
MOBL612R	29-36.7494-90.2287-4-52-000	6.5	280	0.36	0.036	.	.	14800	.	M	100.0	12300	0.5	0.13
MOBL613R	29-36.7845-90.3115-4-52-000	7.0	385	3.60	0.480	.	.	6400	80	M	1197.0	7110	-0.1	1.25
MOBL614R	29-36.8157-90.2816-4-52-000	7.0	410	3.60	0.008	.	30.0	3800	83	M	436.0	9130	0.3	0.02
MOBL615R	29-36.8437-90.2786-4-52-000	7.0	650	4.20	0.095	.	158.0	20000	.	M	600.0	16470	-0.1	0.15
MOBL616R	29-36.7884-90.4775-4-52-000	7.8	280	4.00	0.224	.	21.0	5200	34	M	178.0	5770	-0.1	0.80
MOBL617R	29-36.7999-90.5271-4-52-000	7.7	380	5.20	0.093	.	.	4500	.	M	190.0	5320	-0.1	0.24
MOBL618R	29-36.7862-90.5561-4-52-000	7.1	230	2.80	0.046	.	20.0	7600	65	M	150.0	7250	-0.1	0.20
MOBL619R	29-36.8177-90.5492-4-52-000	7.2	470	5.20	0.718	.	.	5900	33	M	235.0	6250	-0.1	1.53
MOBL620R	29-36.8470-90.5952-4-52-000	7.2	460	5.00	0.227	.	.	6000	28	M	211.0	6210	-0.1	0.49
MOBL621R	29-36.8861-90.6358-4-52-000	7.3	400	6.60	0.203	.	.	3600	28	M	218.0	6400	0.4	0.51
MOBL622R	29-36.8402-90.5228-4-52-000	7.4	400	4.40	0.108	.	.	2500	41	M	220.0	5450	0.5	0.27
MOBL623R	29-36.8895-90.5365-4-52-000	7.3	460	6.20	0.167	.	17.0	4200	45	M	219.0	6160	0.5	0.36
MOBL624R	29-36.8848-90.4732-4-52-000	7.5	450	4.80	0.242	.	.	2400	106	M	184.0	23590	-0.1	0.54
MOBL625R	29-36.8909-90.4415-4-52-000	7.6	360	4.20	0.243	.	.	4700	.	M	202.0	6310	-0.1	0.68
MOBL626R	29-36.8842-90.3901-4-52-000	7.6	380	3.40	0.442	.	21.0	3800	85	M	198.0	6270	0.3	1.16
MOBL627R	29-36.8698-90.2560-4-52-000	6.6	295	3.60	0.018	.	.	3700	126	M	364.0	7200	-0.1	0.06
MOBL628R	29-36.8858-90.3101-4-52-000	7.2	300	3.80	0.137	.	.	2500	21	M	207.0	6100	0.3	0.46
MOBL629R	29-36.8376-90.3535-4-52-000	7.0	350	3.80	0.171	.	26.0	5000	15	M	198.0	6290	-0.1	0.49
MOBL630R	29-36.7013-90.5638-4-52-000	7.0	350	3.00	0.857	.	.	4300	39	M	211.0	6600	-0.1	2.45
MOBL631R	29-36.7269-90.5563-4-52-000	7.5	210	1.60	0.110	.	.	4900	49	M	168.0	6710	0.5	0.52
MOBL632R	29-36.7228-90.5755-4-52-000	6.9	330	4.00	0.236	.	.	2900	36	M	203.0	6210	0.4	0.72
MOBL633R	29-36.5731-90.4721-4-52-000	5.7	140	0.40	0.016	.	14.0	5900	75	M	127.0	11670	-0.1	0.11
MOB0501R	29-37.4825-89.8764-4-52-000	7.6	302	4.20	0.161	.	131.0	12700	.	M	71.0	6780	0.3	0.53
MOB0502R	29-37.5126-89.8878-4-52-000	7.3	374	4.10	0.330	.	95.0	10900	.	M	71.0	5490	-0.1	0.88
MOB0503R	29-37.5258-89.8779-4-53-000	7.0	257	1.50	0.073	.	45.0	16100	.	M	126.0	5670	0.9	0.28
MOB0504R	29-37.5432-89.8710-4-52-000	6.7	215	0.90	0.048	.	.	20000	.	M	102.0	15910	-0.1	0.22
MOB0505R	29-37.5782-89.8728-4-52-000	7.1	263	2.10	0.157	.	261.0	21800	.	M	132.0	7900	-0.1	0.60
MOB0506R	29-37.5916-89.9199-4-52-000	7.1	650	5.20	0.862	.	481.0	46700	.	M	129.0	12720	0.7	1.33
MOB0507R	29-37.5856-89.9384-4-52-000	7.3	416	4.20	0.276	.	165.0	15900	.	M	38.0	7130	-0.1	0.66
MOB0508R	29-37.5906-89.9625-4-52-000	7.5	300	3.20	0.132	.	107.0	8500	16	M	62.0	5680	-0.1	0.44
MOB0509R	29-37.5461-89.9668-4-52-000	7.3	455	3.30	0.225	.	162.0	20200	.	M	82.0	12880	-0.1	0.49
MOB0510R	29-37.5490-89.9441-4-52-000	7.3	397	3.60	0.167	.	60.0	11300	36	M	75.0	6380	-0.1	0.42
MOB0511R	29-37.5385-89.9007-4-53-000	7.1	144	1.10	0.059	.	78.0	10000	37	M	90.0	4870	0.5	0.41
MOB0512R	29-37.5179-89.9278-4-52-000	7.3	414	4.60	0.781	.	73.0	9300	38	M	63.0	5100	-0.1	1.89
MOB0513R	29-37.5110-89.9767-4-52-000	7.2	448	4.60	0.177	.	159.0	11600	21	M	37.0	6000	-0.1	0.40
MOB0514R	29-37.5162-90.0178-4-52-000	7.2	367	3.60	0.296	.	57.0	12200	25	M	48.0	7110	-0.1	0.81
MOB0515R	29-37.5495-90.0180-4-52-000	7.7	262	2.90	0.118	.	42.0	6100	22	M	50.0	4930	-0.1	0.45
MOB0516R	29-37.5756-90.0075-4-52-000	7.1	535	4.50	0.172	.	.	22300	64	M	98.0	10330	-0.1	0.32
MOB0517R	29-37.5733-90.0492-4-52-000	7.4	380	3.50	0.173	.	200.0	16000	34	M	53.0	7230	-0.1	0.46
MOB0518R	29-37.5618-90.0688-4-52-000	7.6	288	3.00	0.774	.	92.0	7200	.	M	37.0	4730	-0.1	2.69
MOB0519R	29-37.5810-90.0968-4-52-000	7.3	407	4.40	0.184	.	44.0	6600	13	M	54.0	4630	-0.1	0.45
MOB0520R	29-37.5540-90.1198-4-52-000	7.2	432	4.30	0.219	.	42.0	8100	30	M	.	5380	-0.1	0.51
MOB0521R	29-37.5434-90.0966-4-52-000	7.2	445	4.50	0.166	.	50.0	7300	.	M	49.0	4760	-0.1	0.37
MOB0522R	29-37.5174-90.1245-4-52-000	6.8	175	1.90	0.027	.	98.0	7500	40	M	136.0	4600	-0.1	0.15
MOB0523R	29-37.3563-89.8655-4-52-000	7.2	480	4.50	0.345	.	107.0	13100	26	M	63.0	5440	-0.1	0.72
MOB0524R	29-37.3742-89.8852-4-52-000	7.2	455	4.40	0.187	.	207.0	17100	.	M	63.0	5260	-0.1	0.41
MOB0525R	29-37.3828-89.9134-4-52-000	7.4	325	3.10	0.138	.	80.0	12100	.	M	40.0	5550	-0.1	0.42
MOB0526R	29-37.4003-89.9384-4-52-000	7.5	334	3.40	0.207	.	70.0	6000	.	M	26.0	4110	-0.1	0.62
MOB0527R	29-37.4196-89.9781-4-52-000	7.2	470	4.80	0.192	.	133.0	11700	.	M	52.0	4950	-0.1	0.41
MOB0528R	29-37.3970-89.9890-4-52-000	7.5	320	3.20	0.195	.	48.0	7500	42	M	59.0	3940	-0.1	0.61

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOB0529R	29-37.4672-89.8673-4-52-000	7.3	580	4.40	0.225	.	247.0	33000	.	M	68.0	13840	0.7	0.39
MOB0530R	29-37.4924-89.9093-4-52-000	7.4	425	4.30	0.538	.	128.0	11700	26	M	53.0	5740	-0.1	1.27
MOB0531R	29-37.4818-89.9256-4-52-000	7.6	375	3.60	0.213	.	153.0	10500	40	M	27.0	4490	-0.1	0.57
MOB0532R	29-37.4680-89.9407-4-52-000	7.3	415	4.50	0.212	.	116.0	11400	.	M	45.0	4950	-0.1	0.51
MOB0533R	29-37.4537-89.9151-4-52-000	7.4	435	3.80	0.278	.	298.0	26000	.	M	.	6270	1.0	0.64
MOB0534R	29-37.4335-89.8743-4-52-000	7.2	565	4.60	1.060	.	98.0	27000	102	M	56.0	13750	0.9	1.88
MOB0535R	29-37.4328-89.9023-4-52-000	6.9	625	5.50	0.305	.	188.0	20700	43	M	98.0	8700	1.7	0.49
MOB0536R	29-37.4261-89.9319-4-52-000	7.3	420	4.30	0.295	.	144.0	8600	28	M	46.0	5730	-0.1	0.70
MOB0537R	29-37.3844-89.8779-4-52-000	7.4	440	4.60	0.330	.	160.0	11600	.	M	57.0	6160	-0.1	0.75
MOB0538R	29-37.4397-90.0149-4-52-000	7.4	369	3.30	0.315	.	122.0	10500	.	M	45.0	4940	-0.1	0.85
MOB0539R	29-37.4571-90.0336-4-52-000	7.3	404	4.60	0.516	.	52.0	8900	30	M	26.0	4340	-0.1	1.28
MOB0540R	29-37.4686-89.9899-4-52-000	7.4	379	3.70	0.368	.	51.0	6700	28	M	33.0	4340	0.2	0.97
MOB0541R	29-37.4836-89.9869-4-52-000	7.5	465	3.80	0.170	.	94.0	14200	20	M	32.0	8210	-0.1	0.37
MOB0542R	29-37.4977-90.0172-4-52-000	7.4	380	3.50	0.556	.	55.0	7800	.	M	31.0	4470	0.2	1.46
MOB0543R	29-37.4907-90.0668-4-52-000	7.7	320	3.00	0.160	.	134.0	13500	.	M	69.0	5370	-0.1	0.50
MOB0544R	29-37.5162-90.0539-4-52-000	7.6	295	2.70	0.233	.	188.0	13900	.	M	15.0	4850	-0.1	0.79
MOB0545R	29-37.5236-90.1011-4-52-000	7.4	205	2.20	0.128	.	93.0	10600	.	M	150.0	4620	-0.1	0.62
MOB0546R	29-37.4993-90.1250-4-52-000	6.3	160	0.30	0.044	.	66.0	13100	.	M	50.0	8630	-0.1	0.28
MOB0547R	29-37.4852-90.1117-4-52-000	7.2	397	3.40	0.209	.	127.0	12500	22	M	30.0	4580	-0.1	0.53
MOB0548R	29-37.4690-90.1334-4-52-000	7.8	265	2.40	0.207	.	123.0	7900	.	M	34.0	4670	-0.1	0.78
MOB0549R	29-37.4541-90.0993-4-52-000	7.7	264	2.60	0.139	.	94.0	8400	52	M	40.0	4180	0.3	0.53
MOB0550R	29-37.4657-90.0709-4-52-000	7.1	435	3.30	0.394	.	255.0	21300	.	M	24.0	6730	-0.1	0.91
MOB0551R	29-37.4281-90.0593-4-52-000	7.5	310	3.10	0.079	.	59.0	8700	17	M	21.0	4700	-0.1	0.25
MOB0552R	29-37.3333-89.8797-4-52-000	7.7	284	3.20	0.198	.	64.0	7500	24	M	22.0	4170	-0.1	0.70
MOB0553R	29-37.3171-89.9061-4-52-000	7.4	339	4.00	0.135	.	81.0	7500	.	M	30.0	4210	0.3	0.40
MOB0554R	29-37.2936-89.8779-4-52-000	7.3	355	4.90	0.238	.	.	12500	.	M	18.0	7300	-0.1	0.67
MOB0555R	29-37.2548-89.8640-4-52-000	7.5	303	3.20	0.173	.	91.0	12100	.	M	20.0	4720	-0.1	0.57
MOB0556R	29-37.2220-89.8357-4-52-000	7.6	274	2.90	0.124	.	55.0	6500	37	M	20.0	3780	-0.1	0.45
MOB0557R	29-37.2390-89.8944-4-52-000	7.3	343	3.70	0.780	.	.	6900	32	M	604.0	4030	0.4	2.27
MOB0558R	29-37.2397-89.9298-4-52-000	7.5	281	2.60	0.340	.	53.0	9100	51	M	121.0	4950	-0.1	1.21
MOB0559R	29-37.2654-89.9118-4-52-000	7.6	283	2.80	0.202	.	68.0	7700	24	M	32.0	4680	-0.1	0.71
MOB0560R	29-37.2552-89.9498-4-52-000	7.5	378	3.70	0.479	.	87.0	8800	32	M	23.0	4090	-0.1	1.27
MOB0561R	29-37.3072-89.9802-4-52-000	7.3	427	3.70	0.074	.	39.0	6700	.	M	.	4790	-0.1	0.17
MOB0562R	29-37.3089-89.9418-4-52-000	6.8	202	2.00	0.073	.	153.0	10700	77	M	24.0	4270	-0.1	0.36
MOB0563R	29-37.3291-89.9298-4-52-000	7.1	478	4.40	0.263	.	81.0	7700	46	M	42.0	4010	0.4	0.55
MOB0564R	29-37.3525-89.9262-4-52-000	7.4	342	3.20	0.230	.	70.0	9100	50	M	44.0	4410	-0.1	0.67
MOB0565R	29-37.3643-90.0682-4-52-000	7.3	235	2.10	0.217	.	96.0	7600	14	M	52.0	3970	-0.1	0.92
MOB0566R	29-37.3713-90.0855-4-52-000	7.2	267	2.60	0.121	.	64.0	6400	29	M	37.0	3890	-0.1	0.45
MOB0567R	29-37.3899-90.0885-4-52-000	7.7	271	2.40	0.338	.	86.0	6500	28	M	58.0	3860	-0.1	1.25
MOB0568R	29-37.4064-90.0738-4-52-000	7.6	300	3.10	0.148	.	279.0	17000	.	M	52.0	5570	-0.1	0.49
MOB0569R	29-37.4265-90.0893-4-52-000	7.6	347	3.60	0.073	.	85.0	7500	.	M	46.0	4080	-0.1	0.21
MOB0570R	29-37.4038-90.1110-4-52-000	7.3	310	2.80	0.107	.	79.0	10100	.	M	34.0	4640	-0.1	0.35
MOB0571R	29-37.3906-90.0392-4-52-000	7.4	367	3.30	0.119	.	78.0	9300	.	M	22.0	4010	-0.1	0.32
MOB0572R	29-37.3577-90.0210-4-52-000	7.4	378	3.70	0.147	.	117.0	11200	.	M	58.0	3980	0.6	0.39
MOB0573R	29-37.3511-89.9779-4-52-000	7.5	303	3.10	0.124	.	81.0	8600	.	M	31.0	4610	0.2	0.41
MOB0574R	29-37.3340-89.9901-4-52-000	7.4	415	4.40	0.232	.	58.0	6600	24	M	19.0	3530	-0.1	0.56
MOB0575R	29-37.3086-90.0174-4-52-000	7.7	298	2.90	0.391	.	.	5000	14	M	20.0	3510	-0.1	1.31
MOB0576R	29-37.3310-90.0287-4-52-000	7.3	376	3.60	1.349	.	56.0	11600	.	M	49.0	6980	-0.1	3.59
MOB0577R	29-37.3242-90.0575-4-52-000	7.6	337	3.60	0.111	.	27.0	8700	.	M	.	3970	0.2	0.33
MOB0578R	29-37.3190-90.0939-4-52-000	7.6	242	3.00	0.045	.	129.0	8800	15	M	56.0	4100	-0.1	0.19
MOB0579R	29-37.3555-90.1192-4-52-000	7.4	350	3.70	0.258	.	140.0	14000	.	M	54.0	4880	-0.1	0.74
MOB0580R	29-37.3280-90.1293-4-52-000	7.4	313	3.50	0.222	.	122.0	9200	51	M	.	4150	-0.1	0.71
MOB0581R	29-37.3104-90.1254-4-52-000	7.1	257	2.50	0.187	.	70.0	8800	71	M	58.0	4400	-0.1	0.73

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOB0582R	29-37.2915-90.1110-4-52-000	7.4	302	3.60	0.209	.	124.0	12400	.	M	37.0	4670	-0.1	0.69
MOB0583R	29-37.2998-90.0634-4-52-000	7.5	348	4.10	0.264	.	65.0	8300	58	M	28.0	3350	0.5	0.76
MOB0584R	29-37.2723-89.9921-4-52-000	7.6	345	3.40	0.485	.	59.0	7900	71	M	31.0	3940	-0.1	1.41
MOB0585R	29-37.2670-90.0248-4-52-000	7.4	390	4.40	0.127	.	79.0	9600	27	M	18.0	3790	-0.1	0.33
MOB0586R	29-37.2593-90.0488-4-52-000	7.3	416	4.10	0.168	.	104.0	10000	.	M	25.0	4860	0.3	0.40
MOB0587R	29-37.2405-89.9853-4-52-000	7.7	293	2.70	0.145	.	70.0	16600	.	M	.	5500	-0.1	0.49
MOB0588R	29-37.2036-89.9738-4-52-000	7.3	423	4.90	0.375	.	98.0	8600	.	M	37.0	3460	0.5	0.89
MOB0589R	29-37.1767-89.9494-4-52-000	7.3	440	4.30	0.215	.	228.0	14900	71	M	46.0	10750	-0.1	0.49
MOB0590R	29-37.1823-89.9093-4-52-000	7.3	422	4.10	0.270	.	69.0	11100	16	M	.	4020	-0.1	0.64
MOB0591R	29-37.1960-89.8958-4-52-000	7.3	417	3.60	0.166	.	86.0	10900	39	M	50.0	4390	-0.1	0.40
MOB0592R	29-37.2036-89.9328-4-52-000	7.4	314	3.40	0.162	.	59.0	8800	42	M	27.0	4150	-0.1	0.52
MOB0593R	29-37.1376-89.9055-4-52-000	6.7	394	1.30	0.021	.	61.0	12800	43	M	81.0	22660	0.7	0.05
MOB0594R	29-37.1538-89.9373-4-52-000	6.7	241	1.50	1.577	.	77.0	17900	173	M	677.0	17290	1.7	6.54
MOB0595R	29-37.1702-89.9792-4-52-000	6.9	585	5.60	0.359	.	129.0	20700	62	M	127.0	7380	-0.1	0.61
MOB0596R	29-37.1649-90.0057-4-52-000	7.2	303	4.50	0.132	.	70.0	7600	18	M	56.0	3560	0.6	0.44
MOB0597R	29-37.1456-89.9856-4-52-000	7.2	600	3.60	0.200	.	67.0	37700	81	M	50.0	22040	-0.1	0.33
MOB0598R	29-37.1448-90.0102-4-52-000	7.1	550	5.10	0.272	.	123.0	16300	25	M	61.0	7900	1.4	0.49
MOB0599R	29-37.1168-90.0219-4-52-000	7.0	420	4.30	0.155	.	67.0	12500	.	M	51.0	10490	0.5	0.37
MOB0600R	29-37.0969-89.9720-4-52-000	7.1	425	4.60	0.019	.	137.0	15800	27	M	376.0	10720	0.3	0.04
MOB0601R	29-37.0769-89.9750-4-52-000	6.7	132	2.30	0.017	.	63.0	9100	21	M	53.0	7770	-0.1	0.13
MOB0602R	29-37.0796-90.0111-4-52-000	7.2	353	2.70	0.013	.	87.0	19100	271	M	261.0	29420	-0.1	0.04
MOB0603R	29-37.0497-90.0138-4-52-000	5.8	189	0.24	0.021	.	70.0	11400	.	M	86.0	12770	-0.1	0.11
MOB0604R	29-37.0438-90.0697-4-52-000	5.9	63	1.20	0.020	.	35.0	9200	19	M	51.0	7210	-0.1	0.32
MOB0605R	29-37.0706-90.0923-4-52-000	7.1	356	3.30	3.331	.	68.0	8800	82	M	556.0	5420	0.8	9.36
MOB0606R	29-37.0803-90.0731-4-52-000	7.1	457	4.30	1.768	.	110.0	8600	61	M	11690	5000	-0.1	3.87
MOB0607R	29-37.0994-90.0587-4-52-000	7.2	464	4.80	0.172	.	96.0	6900	61	M	79.0	4510	-0.1	0.37
MOB0608R	29-37.1094-90.0862-4-52-000	7.1	660	6.10	0.394	.	394.0	28700	.	M	77.0	9290	0.8	0.60
MOB0609R	29-37.1960-90.0122-4-52-000	7.6	371	3.20	0.277	.	100.0	17700	37	M	70.0	6840	-0.1	0.75
MOB0610R	29-37.2466-90.0341-4-52-000	7.5	310	3.00	0.097	.	121.0	9300	101	M	21.0	5330	0.2	0.31
MOB0611R	29-37.2330-90.0656-4-52-000	7.4	318	2.90	0.102	.	42.0	9700	21	M	.	2700	-0.1	0.32
MOB0612R	29-37.2079-90.0699-4-52-000	7.7	280	2.30	0.153	.	69.0	12000	49	M	.	2960	-0.1	0.55
MOB0613R	29-37.1743-90.1117-4-52-000	7.3	308	3.00	0.145	.	64.0	11500	20	M	.	4890	-0.1	0.47
MOB0614R	29-37.1622-90.1636-4-52-000	7.5	402	3.60	0.106	.	65.0	9600	26	M	.	4320	-0.1	0.26
MOB0615R	29-37.1513-90.1819-4-52-000	7.6	292	3.30	0.218	.	100.0	8900	25	M	.	2610	-0.1	0.75
MOB0616R	29-37.1131-90.1810-4-52-000	7.5	293	3.20	0.236	.	126.0	12300	52	M	12.0	3550	-0.1	0.81
MOB0617R	29- - -4-52-000	7.7	239	2.60	0.107	.	67.0	6800	32	M	.	2850	-0.1	0.45
MOB0618R	29-37.1329-90.1386-4-52-000	6.0	149	0.34	0.023	.	221.0	24700	.	M	.	7350	-0.1	0.15
MOB0619R	29-37.1344-90.0875-4-52-000	7.1	364	3.10	0.096	.	154.0	20200	.	M	.	6240	-0.1	0.26
MOB0620R	29-37.1495-90.0503-4-52-000	7.1	190	1.30	0.054	.	75.0	12100	13	M	20.0	5280	-0.1	0.28
MOB0621R	29-37.1634-90.0787-4-52-000	7.4	317	3.10	0.167	.	74.0	9900	30	M	.	2720	0.3	0.53
MOB0622R	29-37.2355-90.1203-4-52-000	6.7	97	0.90	0.020	.	34.0	7400	.	M	57.0	3340	-0.1	0.21
MOB0623R	29-37.2612-90.1140-4-52-000	5.9	84	1.60	0.018	.	137.0	13500	11	M	22.0	4500	-0.1	0.21
MOB0624R	29-37.2517-90.1439-4-52-000	6.7	197	1.80	0.066	.	75.0	9000	121	M	73.0	2550	-0.1	0.34
MOB0625R	29-37.2605-90.1613-4-52-000	6.5	49	0.28	0.019	.	101.0	6700	.	M	16.0	3300	-0.1	0.39
MOB0626R	29-37.2135-90.1751-4-52-000	7.6	332	3.40	0.097	.	135.0	9600	20	M	.	3460	-0.1	0.29
MOB0627R	29-37.2289-90.1950-4-52-000	7.7	232	2.80	0.196	.	228.0	6700	21	M	.	3110	0.4	0.84
MOB0628R	29-37.3106-90.1715-4-52-000	7.8	197	2.70	0.237	.	96.0	7700	21	M	.	3230	-0.1	1.20
MOC P501R	29-37.1435-89.8467-4-52-000	6.1	200	1.40	0.002	.	.	7200	69	M	.	M	-0.1	0.01
MOC P502R	29-37.1483-89.8052-4-52-000	7.1	410	3.00	0.440	.	26.0	17100	24	M	.	3800	-0.1	1.07
MOC P503R	29-37.1420-89.7572-4-52-000	7.2	550	3.40	-0.002	.	28.0	50700	.	M	.	13190	-0.1	M
MOC P504R	29-37.1689-89.7386-4-52-000	7.5	480	3.80	0.098	.	119.0	23800	53	M	271.0	5750	-0.1	0.20
MOC P505R	29-37.1762-89.7718-4-52-000	7.5	490	3.20	0.131	.	.	24700	.	M	.	11300	-0.1	0.27
MOC P506R	29-37.1822-89.7973-4-52-000	7.4	700	4.50	0.302	.	198.0	40700	.	M	.	9350	-0.1	0.43

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOCPS07R	29-37.1745-89.8339-4-52-000	7.5	490	4.20	0.129	.	59.0	16100	.	M	.	2210	0.3	0.26
MOCPS08R	29-37.1978-89.8409-4-52-000	7.3	180	1.20	0.046	.	45.0	9100	158	M	350.0	3010	-0.1	0.26
MOCPS09R	29-37.2002-89.8121-4-52-000	7.3	550	3.60	-0.002	.	.	22200	.	M	.	14450	-0.1	M
MOCPS10R	29-37.2065-89.7756-4-52-000	7.3	490	3.20	0.599	.	45.0	18700	96	M	988.0	13870	-0.1	1.22
MOCPS11R	29-37.2101-89.7319-4-52-000	7.6	440	4.20	0.125	.	38.0	12400	70	M	385.0	7770	-0.1	0.28
MOCPS12R	29-37.2017-89.7016-4-52-000	7.4	490	2.80	0.028	.	206.0	21700	26	M	378.0	11730	-0.1	0.06
MOCPS13R	29-37.2276-89.6805-4-52-000	7.0	600	3.60	0.105	.	173.0	22000	203	M	578.0	11820	0.7	0.18
MOCPS14R	29-37.2385-89.8084-4-52-000	7.7	350	2.80	0.102	.	68.0	8200	206	M	276.0	8300	-0.1	0.29
MOCPS15R	29-37.2254-89.8442-4-52-000	7.4	700	4.00	0.242	.	99.0	26900	.	M	36.0	10500	-0.1	0.35
MOCPS16R	29-37.2731-89.8539-4-52-000	6.3	600	3.40	0.390	.	.	22000	.	M	.	8680	-0.1	0.65
MOCPS17R	29-37.2947-89.8544-4-52-000	7.6	350	3.00	0.086	.	43.0	5800	62	M	10.0	3530	0.2	0.25
MOCPS18R	29-37.3370-89.8353-4-52-000	7.5	420	3.40	0.206	.	24.0	6200	45	M	.	3790	0.6	0.49
MOCPS19R	29-37.3283-89.7973-4-52-000	7.9	290	2.60	0.092	.	56.0	6400	35	M	.	3420	0.4	0.32
MOCPS20R	29-37.3027-89.8000-4-52-000	7.4	480	3.60	-0.002	.	58.0	13500	.	M	19.0	4390	-0.1	M
MOCPS21R	29-37.2681-89.8089-4-52-000	7.5	430	2.80	0.218	.	.	8900	.	M	.	3810	0.2	0.51
MOCPS22R	29-37.2424-89.7497-4-52-000	7.5	450	3.40	-0.002	.	49.0	8000	255	M	177.0	5260	-0.1	M
MOCPS23R	29-37.2693-89.7643-4-52-000	7.7	440	3.20	0.178	.	109.0	10700	67	M	10.0	4890	-0.1	0.40
MOCPS24R	29-37.2943-89.7624-4-52-000	7.7	410	3.80	0.234	.	158.0	12500	47	M	15.0	5290	-0.1	0.57
MOCPS25R	29-37.3367-89.7606-4-52-000	7.7	460	3.50	0.322	.	107.0	11100	74	M	.	6140	-0.1	0.70
MOCPS26R	29-37.3256-89.7203-4-52-000	7.6	420	3.60	-0.002	.	183.0	13800	18	M	39.0	6400	-0.1	M
MOCPS27R	29-37.2875-89.7205-4-52-000	7.7	430	3.10	-0.002	.	125.0	10100	40	M	16.0	5870	-0.1	M
MOCPS28R	29-37.2634-89.7306-4-52-000	7.5	550	3.80	-0.002	.	230.0	38100	.	M	72.0	23420	-0.1	M
MOCPS29R	29-37.2478-89.7267-4-52-000	7.4	440	4.60	0.065	.	32.0	8200	73	M	611.0	7080	-0.1	0.15
MOCPS30R	29-37.2754-89.6771-4-52-000	7.7	440	3.00	-0.002	.	89.0	7100	161	M	224.0	11010	-0.1	M
MOCPS31R	29-37.3337-89.6898-4-52-000	6.5	410	2.40	-0.002	.	76.0	15400	104	M	32.0	13850	-0.1	M
MOCPS32R	29-37.2991-89.6880-4-52-000	6.9	600	3.20	0.286	.	22.0	24200	54	M	40.0	14960	-0.1	0.48
MOCPS33R	29-37.3241-89.6561-4-52-000	7.1	600	3.00	0.520	.	.	31500	391	M	39.0	30900	-0.1	0.87
MOCPS34R	29-37.2981-89.6477-4-52-000	7.5	450	4.10	0.426	.	101.0	20500	147	M	.	8190	-0.1	0.95
MOCPS35R	29-37.2553-89.6505-4-52-000	7.4	490	4.70	-0.002	.	37.0	6900	151	M	38.0	10230	0.5	M
MOCPS36R	29-37.2270-89.6357-4-52-000	7.3	470	2.90	0.076	.	.	11500	114	M	599.0	10550	-0.1	0.16
MOCPS37R	29-37.2641-89.5924-4-52-000	7.4	550	5.60	0.214	.	153.0	12700	510	M	207.0	15500	-0.1	0.39
MOCPS38R	29-37.2929-89.6042-4-52-000	7.4	580	3.90	0.360	.	275.0	24300	83	M	.	70680	-0.1	0.62
MOCPS39R	29-37.3198-89.6070-4-52-000	7.6	490	2.80	-0.002	.	57.0	14800	133	M	.	10620	-0.1	M
MOCPS40R	29-37.3672-89.6111-4-52-000	7.0	720	6.40	0.189	.	115.0	14500	.	M	.	11880	-0.1	0.26
MOCPS41R	29-37.3608-89.6527-4-52-000	7.7	490	3.00	0.085	.	48.0	5400	1535	M	.	4830	-0.1	0.17
MOCPS42R	29-37.3682-89.6958-4-52-000	7.6	480	2.90	0.178	.	63.0	6900	108	M	.	7570	-0.1	0.37
MOCPS43R	29-37.3581-89.7363-4-52-000	7.7	440	3.60	-0.002	.	50.0	11100	61	M	.	5370	-0.1	M
MOCPS44R	29-37.3656-89.7588-4-52-000	7.6	490	4.00	-0.002	.	85.0	13900	.	M	.	5760	-0.1	M
MOCPS45R	29-37.3626-89.8084-4-52-000	8.0	370	2.50	0.271	.	35.0	10900	104	M	.	6780	-0.1	0.73
MOCPS46R	29-37.3548-89.8375-4-52-000	7.7	470	2.90	0.209	.	.	8500	47	M	.	6790	0.4	0.44
MOCPS47R	29-37.3926-89.7192-4-52-000	6.6	410	2.90	0.211	.	18.0	6200	54	M	.	4080	-0.1	0.51
MOCPS48R	29-37.3871-89.7697-4-52-000	7.6	310	2.70	0.400	.	.	9000	14	M	.	4430	-0.1	1.29
MOCPS49R	29-37.3997-89.7964-4-52-000	7.5	380	2.10	-0.002	.	65.0	12000	29	M	15.0	6380	-0.1	M
MOCPS50R	29-37.3916-89.8394-4-52-000	7.5	360	2.80	0.227	.	61.0	9200	.	M	.	4880	-0.1	0.63
MOCPS51R	29-37.4131-89.8538-4-52-000	7.4	800	4.00	0.455	.	615.0	52500	.	M	87.0	12140	-0.1	0.57
MOCPS52R	29-37.4225-89.8172-4-52-000	7.8	370	3.60	0.269	.	170.0	13600	.	M	33.0	4740	-0.1	0.73
MOCPS53R	29-37.4197-89.7625-4-52-000	7.6	490	3.80	0.524	.	122.0	12600	66	M	.	8510	-0.1	1.07
MOCPS54R	29-37.4275-89.7288-4-52-000	7.7	400	2.90	-0.002	.	.	7800	116	M	180.0	12890	-0.1	M
MOCPS55R	29-37.4470-89.7112-4-52-000	7.7	430	3.10	0.156	.	73.0	7500	387	M	65.0	12810	-0.1	0.36
MOCPS56R	29-37.4487-89.6779-4-52-000	7.5	550	3.80	0.396	.	314.0	25600	49	M	168.0	36560	1.4	0.72
MOCPS57R	29-37.4187-89.6821-4-52-000	7.6	480	3.80	0.049	.	.	6600	1056	M	137.0	13190	-0.1	0.10
MOCPS58R	29-37.4861-89.6763-4-52-000	7.6	460	4.20	0.325	.	.	8300	161	M	264.0	15220	-0.1	0.71
MOCPS59R	29-37.4957-89.7221-4-52-000	7.6	490	3.80	0.119	.	.	12000	1412	M	105.0	15630	-0.1	0.24

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOC P560R	29-37.4894-89.7561-4-52-000	7.7	550	3.90	-0.002	.	334.0	22600	122	M	272.0	26920	-0.1	M
MOC P561R	29-37.4480-89.7609-4-52-000	7.8	390	3.00	-0.002	.	.	6700	52	M	150.0	14630	0.3	M
MOC P562R	29-37.4574-89.8195-4-52-000	7.6	480	3.90	-0.002	.	94.0	11600	41	M	110.0	13600	-0.1	M
MOC P563R	29-37.4419-89.8489-4-52-000	7.7	430	4.00	0.263	.	55.0	8500	.	M	162.0	12760	0.8	0.61
MOC P564R	29-37.4883-89.8121-4-52-000	7.6	270	1.80	0.109	.	83.0	8400	49	M	123.0	14400	0.6	0.40
MOC P565R	29-37.4942-89.8425-4-52-000	7.8	370	3.40	-0.002	.	57.0	12500	18	M	77.0	13450	0.7	M
MOC P566R	29-37.5125-89.7994-4-52-000	7.9	270	1.80	-0.002	.	79.0	7900	27	M	133.0	14540	-0.1	M
MOC P567R	29-37.3510-89.5697-4-52-000	6.6	500	2.80	0.378	.	119.0	20800	87	M	218.0	39520	-0.1	0.76
MOC P568R	29-37.3522-89.5331-4-52-000	6.9	250	1.90	0.025	.	77.0	10500	47	M	120.0	17370	-0.1	0.10
MOC P569R	29-37.3548-89.4884-4-52-000	7.1	380	2.80	0.298	.	85.0	7600	32	M	118.0	14650	-0.1	0.78
MOC P570R	29-37.3674-89.4633-4-52-000	7.3	430	3.20	-0.002	.	.	9600	75	M	129.0	16230	-0.1	M
MOC P571R	29-37.3904-89.4487-4-52-000	7.3	600	4.10	0.429	.	.	28600	.	M	254.0	29200	-0.1	0.72
MOC P572R	29-37.4124-89.4569-4-52-000	7.2	600	3.80	0.229	.	129.0	18100	72	M	905.0	27780	-0.1	0.38
MOC P573R	29-37.3943-89.4840-4-52-000	7.5	480	3.90	-0.002	.	150.0	9100	49	M	165.0	15840	-0.1	M
MOC P574R	29-37.3904-89.5203-4-52-000	7.4	220	1.40	0.045	.	69.0	7600	14	M	82.0	14090	-0.1	0.20
MOC P575R	29-37.4225-89.4827-4-52-000	7.6	320	2.40	-0.002	.	26.0	8200	.	M	114.0	13950	0.3	M
MOC P576R	29-37.4440-89.5045-4-52-000	7.3	130	0.95	0.026	.	47.0	8600	.	M	94.0	13140	-0.1	0.20
MOC P577R	29-37.4301-89.5401-4-52-000	7.0	50	0.30	0.011	.	20.0	6300	.	M	105.0	12900	0.4	0.22
MOC P578R	29-37.4205-89.5638-4-52-000	7.2	75	0.30	0.019	.	117.0	10600	.	M	89.0	13340	-0.1	0.25
MOC P579R	29-37.3931-89.5643-4-52-000	7.2	360	2.30	0.180	.	71.0	8700	53	M	95.0	13540	-0.1	0.50
MOC P580R	29-37.4336-89.6176-4-52-000	7.4	450	2.80	0.104	.	.	7000	472	M	160.0	13270	-0.1	0.23
MOC P581R	29-37.4634-89.6039-4-52-000	7.5	460	2.70	-0.002	.	.	12600	225	M	79.0	13860	-0.1	M
MOC P582R	29-37.4483-89.5722-4-52-000	7.3	140	0.38	0.071	.	101.0	10900	.	M	73.0	16350	-0.1	0.51
MOC P583R	29-37.4551-89.5378-4-52-000	7.6	200	1.60	0.100	.	26.0	7500	105	M	111.0	13500	-0.1	0.50
MOC P584R	29-37.4776-89.5301-4-52-000	7.3	200	1.40	0.081	.	95.0	7900	50	M	96.0	14400	-0.1	0.41
MOC P585R	29-37.4935-89.5045-4-52-000	7.1	800	4.10	0.988	.	661.0	63700	.	M	230.0	42020	-0.1	1.24
MOC P586R	29-37.5046-89.5255-4-52-000	7.8	230	1.80	0.225	.	107.0	16600	100	M	85.0	41980	-0.1	0.98
MOC P587R	29-37.4917-89.5738-4-52-000	7.8	390	3.00	0.310	.	67.0	9600	43	M	96.0	19470	-0.1	0.79
MOC P588R	29-37.5200-89.8436-4-52-000	7.8	390	3.00	-0.002	.	163.0	12900	.	M	152.0	14110	-0.1	M
MOC P589R	29-37.5414-89.8286-4-52-000	6.1	280	2.50	0.192	.	45.0	7700	20	M	117.0	12690	-0.1	0.69
MOC P590R	29-37.5830-89.8265-4-52-000	7.4	290	2.40	0.438	.	73.0	7800	.	M	129.0	12450	0.5	1.51
MOC P591R	29-37.5843-89.8003-4-52-000	7.5	380	2.80	0.235	.	59.0	7400	23	M	124.0	13470	-0.1	0.62
MOC P592R	29-37.5690-89.7709-4-52-000	7.6	390	3.50	0.307	.	39.0	7400	.	M	161.0	13040	-0.1	0.79
MOC P593R	29-37.5449-89.7905-4-52-000	7.4	170	1.40	0.021	.	98.0	7500	19	M	97.0	13700	-0.1	0.12
MOC P594R	29-37.5223-89.7620-4-52-000	7.5	460	3.00	0.259	.	56.0	6100	99	M	152.0	13330	0.3	0.56
MOC P595R	29-37.5186-89.7324-4-52-000	7.7	400	3.90	0.273	.	.	6500	78	M	186.0	12380	-0.1	0.68
MOC P596R	29-37.5520-89.7262-4-52-000	7.6	430	3.80	0.320	.	43.0	8900	143	M	147.0	12920	-0.1	0.74
MOC P597R	29-37.5813-89.7237-4-52-000	7.6	550	5.50	0.365	.	51.0	17500	.	M	165.0	24280	-0.1	0.66
MOC P598R	29-37.5554-89.6846-4-52-000	7.6	510	4.50	-0.002	.	95.0	18500	676	M	270.0	25320	-0.1	M
MOC P599R	29-37.5209-89.6369-4-52-000	7.7	430	4.10	0.124	.	.	5000	282	M	132.0	13980	-0.1	0.29
MOC P600R	29-37.5600-89.6235-4-52-000	7.7	490	3.70	-0.002	.	109.0	11900	42	M	137.0	16510	-0.1	M
MOC P601R	29-37.5746-89.6509-4-52-000	7.8	450	4.60	0.088	.	26.0	5000	63	M	122.0	12500	-0.1	0.20
MOC P602R	29-37.5867-89.6125-4-52-000	7.4	1100	6.00	1.222	.	197.0	99200	.	M	694.0	103700	-0.1	1.11
MOC P603R	29-37.5403-89.5966-4-52-000	8.0	400	4.00	0.223	.	60.0	9500	71	M	132.0	22020	-0.1	0.56
MOC P604R	29-37.5123-89.5964-4-52-000	7.7	210	0.80	0.047	.	75.0	14000	39	M	88.0	17500	-0.1	0.22
MOC P605R	29-37.5207-89.5764-4-52-000	7.7	400	2.80	0.139	.	.	14400	.	M	58.0	3930	-0.1	0.35
MOC P606R	29-37.5562-89.5624-4-52-000	7.7	700	2.60	16.320	.	.	104700	.	M	.	44980	-0.1	23.31
MOC T501R	29-36.8351-91.0274-4-52-000	7.4	432	4.00	0.164	.	.	3900	35	M	176.0	3920	-0.1	0.38
MOC T502R	29-36.8909-91.0258-4-52-000	7.4	359	3.80	0.128	.	.	4200	14	M	156.0	3800	-0.1	0.36
MOC T503R	29-36.9019-91.0531-4-52-000	7.5	355	3.40	0.182	.	.	2300	15	M	150.0	3430	-0.1	0.51
MOC T504R	29-36.9442-91.0798-4-52-000	7.4	390	2.90	0.109	.	8.0	5100	22	M	.	4440	0.3	0.28
MOC T505R	29-36.9676-91.0432-4-52-000	7.1	510	3.80	0.257	.	.	3600	35	M	250.0	6100	0.5	0.50
MOC T506R	29-37.0197-91.0567-4-52-000	7.2	520	5.40	0.165	.	.	5100	46	M	307.0	6260	-0.1	0.32

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOCT507R	29-37.0495-91.0700-4-52-000	7.1	570	5.00	0.159	.	33.0	8200	.	M	.	6660	0.4	0.28
MOCT508R	29-36.9615-91.1137-4-52-000	7.3	440	3.90	0.123	.	.	2400	28	M	.	3230	0.3	0.28
MOCT509R	29-36.9666-91.1700-4-52-000	7.6	235	2.10	0.052	.	.	1400	12	M	95.0	3160	-0.1	0.22
MOCT510R	29-37.0361-90.9604-4-52-000	7.4	520	4.60	0.417	.	.	13000	.	M	.	9080	-0.1	0.80
MOCT511R	29-37.0322-91.0110-4-52-000	7.2	520	5.40	0.308	.	.	2700	.	M	.	M	-0.1	0.59
MOCT512R	29-37.0652-91.0112-4-52-000	7.2	690	6.00	0.229	.	.	7800	.	M	318.0	6710	-0.1	0.33
MOCT513R	29-36.9631-91.0114-4-52-000	7.4	225	1.60	0.048	.	.	2500	16	M	111.0	3300	0.2	0.21
MOCT514R	29-36.9432-90.9815-4-52-000	7.4	430	4.20	0.412	.	7.0	2400	30	M	.	2970	-0.1	0.96
MOCT515R	29-36.9890-91.1814-4-53-000	7.5	490	4.40	0.149	.	.	2300	38	M	.	3060	-0.1	0.30
MOCT516R	29-36.9359-91.1750-4-52-000	7.6	395	3.10	0.157	.	.	3500	26	M	.	3870	0.3	0.40
MOCT517R	29-36.8745-91.1869-4-52-000	7.6	300	3.50	0.066	.	29.0	2600	30	M	.	3560	-0.1	0.22
MOCT518R	29-37.0806-91.1988-4-53-000	7.4	196	1.80	0.099	.	.	2400	34	M	110.0	3220	0.5	0.51
MOCT519R	29-36.8570-91.0400-4-52-000	7.8	369	4.70	0.518	.	.	2600	329	M	142.0	3730	-0.1	1.40
MOCT520R	29-36.9218-91.1349-4-52-000	7.2	350	3.30	0.063	.	20.0	3500	17	M	.	3730	0.3	0.18
MOCT523R	29-36.8800-90.6738-4-52-000	6.6	340	1.60	0.061	.	.	18800	37	M	122.0	7740	-0.1	0.18
MOCT524R	29-36.8566-90.6908-4-52-000	7.4	350	3.00	0.172	.	.	4400	18	M	142.0	4220	-0.1	0.49
MOCT525R	29-36.8438-90.7235-4-52-000	6.9	260	0.18	0.052	.	15.0	22600	.	M	82.0	10690	-0.1	0.20
MOCT526R	29-36.8788-90.7289-4-52-000	6.2	180	1.30	0.011	.	138.0	14000	35	M	104.0	5760	0.2	0.06
MOCT527R	29-36.8740-90.7726-4-52-000	6.9	600	3.50	0.134	.	.	8800	.	M	221.0	6760	-0.1	0.22
MOCT528R	29-36.8375-90.7880-4-52-000	6.3	190	0.08	0.014	.	53.0	10500	23	M	111.0	5850	-0.1	0.07
MOCT529R	29-36.8814-90.8346-4-52-000	6.9	70	0.38	0.007	.	16.0	5400	.	M	80.0	5730	-0.1	0.10
MOCT530R	29-36.8774-90.8982-4-52-000	7.3	450	4.20	0.134	.	.	3900	15	M	.	3890	-0.1	0.30
MOCT531R	29-36.9656-90.8550-4-52-000	7.6	310	1.90	0.097	.	.	2400	28	M	136.0	3540	-0.1	0.31
MOCT532R	29-36.9896-90.8783-4-52-000	7.6	410	3.60	0.198	.	31.0	6100	53	M	.	4870	0.3	0.48
MOCT533R	29-37.0339-90.9028-4-52-000	7.7	410	3.50	0.175	.	.	4700	16	M	188.0	5010	-0.1	0.43
MOCT534R	29-37.0182-90.8513-4-52-000	7.9	320	3.20	0.096	.	.	1600	24	M	122.0	3310	-0.1	0.30
MOCT535R	29-37.0141-90.7960-4-52-000	7.8	330	2.90	0.197	.	17.0	2700	21	M	.	3700	0.4	0.60
MOCT536R	29-36.8466-90.9538-4-52-000	7.3	310	2.90	0.176	.	.	2400	49	M	148.0	3500	0.4	0.57
MOCT537R	29-36.8732-90.9453-4-52-000	7.6	488	3.40	0.473	.	.	2000	73	M	.	3400	-0.1	0.97
MOCT538R	29-36.9307-90.9604-4-52-000	7.4	599	5.40	0.557	.	.	M	5	M	.	M	-0.1	0.93
MOCT539R	29-36.9644-90.9321-4-52-000	7.6	461	4.80	0.268	.	.	6200	28	M	.	4520	0.3	0.58
MOCT540R	29-36.9043-90.8328-4-52-000	7.7	340	4.50	0.827	.	24.0	4600	32	M	.	4110	-0.1	2.43
MOCT541R	29-36.8400-90.8260-4-52-000	7.7	325	3.00	0.171	.	.	3100	37	M	144.0	3680	0.1	0.53
MOCT542R	29-36.8165-90.8740-4-52-000	7.7	40	0.06	0.036	.	27.0	2000	16	M	56.0	3090	0.7	0.90
MOCT543R	29-36.9550-90.7868-4-52-000	7.3	25	0.04	0.027	.	19.0	2200	.	M	53.0	3440	0.3	1.08
MOCT544R	29-36.9617-90.7198-4-52-000	6.1	50	0.18	0.009	.	28.0	3400	12	M	61.0	4070	-0.1	0.18
MOCT545R	29-36.9506-90.8243-4-52-000	7.9	360	4.00	0.169	.	.	5600	15	M	.	4430	-0.1	0.47
MOCT546R	29-36.9088-90.7287-4-52-000	5.6	150	0.22	0.033	.	184.0	22200	19	M	96.0	10070	-0.1	0.22
MOCT547R	29-36.9230-90.7893-4-52-000	7.3	300	5.50	0.023	.	.	3100	30	M	148.0	4330	-0.1	0.08
MOCT548R	29-37.0444-91.1825-4-53-000	8.0	219	2.80	0.143	.	.	3800	42	M	115.0	3320	0.3	0.65
MOCT549R	29-36.9819-91.1638-4-52-000	8.1	550	4.80	0.314	.	.	17500	.	M	.	13290	-0.1	0.57
MOCT550R	29-36.9727-91.1981-4-52-000	8.5	255	3.00	0.089	.	.	6200	29	M	95.0	4120	0.3	0.35
MOCT551R	29-36.9399-91.2038-4-52-000	8.0	331	3.60	0.158	.	.	4400	26	M	127.0	3540	0.2	0.48
MOCT552R	29-36.9102-91.1214-4-52-000	8.2	360	3.60	0.084	.	13.0	8100	28	M	73.0	3630	-0.1	0.23
MOCT553R	29-36.9957-91.0354-4-52-000	7.9	483	7.80	0.266	.	.	5700	29	M	.	3760	0.7	0.55
MOCT554R	29-36.9281-90.8131-4-52-000	6.8	235	2.60	0.139	.	.	6300	18	M	123.0	3670	-0.1	0.59
MOCT555R	29-36.8820-90.8751-4-53-000	7.6	330	3.40	0.077	.	.	3500	20	M	120.0	3440	0.5	0.23
MOCT556R	29-36.8965-90.8953-4-53-000	7.6	360	4.10	0.171	.	.	3500	30	M	151.0	3650	-0.1	0.48
MOCT557R	29-36.8759-90.8634-4-52-000	7.5	370	3.40	0.165	.	.	5300	.	M	124.0	4000	-0.1	0.45
MOCT558R	29-36.8530-90.9003-4-53-000	7.6	390	4.00	0.145	.	.	3700	17	M	137.0	3150	-0.1	0.37
MOCT559R	29-36.8133-90.7024-4-52-000	7.2	85	0.80	0.004	.	49.0	4000	59	M	190.0	4070	-0.1	0.05
MOCT560R	29-36.8955-90.7742-4-52-000	7.2	305	3.80	0.052	.	.	4300	27	M	139.0	3900	-0.1	0.17
MOCT561R	29-36.9287-90.7372-4-52-000	6.4	105	0.40	0.234	.	.	5300	11	M	.	4760	-0.1	2.23

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOCW562R	29-36.9025-90.6928-4-52-000	7.8	50	0.40	0.014	.	63.0	12000	.	M	112.0	7550	-0.1	0.28
MOCW563R	29-36.9788-90.7432-4-53-000	6.2	135	0.90	0.016	.	20.0	6200	21	M	103.0	4560	0.4	0.12
MOCW564R	29-36.9825-90.7706-4-52-000	7.3	370	5.20	0.291	.	19.0	5000	56	M	.	3860	-0.1	0.79
MOCW565R	29-36.9836-90.8211-4-52-000	7.1	410	4.00	0.145	.	.	4600	49	M	156.0	3480	-0.1	0.35
MOCW566R	29-37.0184-90.7457-4-52-000	7.6	150	1.70	0.032	.	26.0	3900	64	M	94.0	3680	-0.1	0.21
MOCW567R	29-37.0186-90.8241-4-52-000	8.0	120	1.00	0.011	.	.	5100	21	M	69.0	4070	-0.1	0.09
MOCW568R	29-36.9960-90.9268-4-52-000	7.5	290	2.60	0.092	.	23.0	4400	22	M	116.0	3090	0.3	0.32
MOCW569R	29-36.9439-90.9270-4-53-000	7.7	350	4.30	0.280	.	.	3700	23	M	.	3200	0.5	0.80
MOCW570R	29-36.9413-90.8602-4-52-000	7.7	355	4.00	0.184	.	.	5200	25	M	140.0	3500	0.2	0.52
MOCW571R	29-37.0032-90.9689-4-53-000	7.7	280	3.40	0.170	.	11.0	3300	25	M	.	3230	0.5	0.61
MOCW572R	29-36.9636-90.9749-4-53-000	8.1	440	5.20	0.185	.	.	4200	22	M	169.0	3480	1.2	0.42
MOCW573R	29-36.9870-91.0570-4-53-000	7.7	500	5.60	0.392	.	48.0	8700	.	M	.	6730	-0.1	0.78
MOCW574R	29-37.0105-91.0753-4-52-000	7.2	700	7.80	0.464	.	.	7900	17	M	290.0	6370	-0.1	0.66
MOCW575R	29-37.0220-91.0906-4-53-000	7.9	320	3.40	0.168	.	.	3800	32	M	153.0	3450	-0.1	0.53
MOCW576R	29-36.8516-90.8445-4-52-000	7.0	410	5.10	0.132	.	788.0	4900	24	M	174.0	3440	0.3	0.32
MOCW577R	29-36.9992-90.8534-4-52-000	7.4	450	5.00	0.148	.	.	9000	11	M	178.0	4730	0.3	0.33
MOCW578R	29-37.0477-90.7701-4-52-000	8.0	75	1.20	0.014	.	23.0	4100	24	M	75.0	3480	-0.1	0.19
MOCW579R	29-37.0978-91.0012-4-52-000	7.4	390	5.20	0.082	.	.	3800	45	M	152.0	3250	-0.1	0.21
MOCW580R	29-36.8630-91.1610-4-52-000	7.4	450	3.80	0.071	.	.	3900	35	M	.	3270	0.3	0.16
MOCW581R	29-36.8596-91.1084-4-53-000	7.9	220	2.20	0.193	.	.	4200	33	M	122.0	3410	-0.1	0.88
MOCW582R	29-36.8338-91.0991-4-53-000	7.7	450	4.60	0.685	.	26.0	4100	22	M	177.0	3380	0.3	1.52
MOCW583R	29-36.8827-91.0036-4-52-000	8.0	160	1.00	0.084	.	21.0	9100	60	M	65.0	7270	1.0	0.53
MOCW584R	29-36.8624-90.9881-4-52-000	7.7	350	3.40	0.124	.	24.0	3900	15	M	.	3510	0.3	0.35
MOCW585R	29-36.8467-91.0458-4-52-000	7.7	250	3.20	0.836	.	22.0	3600	13	M	.	3500	-0.1	3.42
MOCW586R	29-36.9240-90.9058-4-53-000	7.8	600	6.40	0.323	.	27.0	6900	24	M	.	6180	-0.1	0.54
MOCW587R	29-36.9236-91.0464-4-52-000	7.7	450	4.80	0.193	.	62.0	5000	16	M	.	3940	0.1	0.43
MOCW588R	29-36.9072-91.1876-4-52-000	7.7	450	4.20	0.171	.	40.0	4700	34	M	.	3660	0.3	0.38
MOCW501R	29-37.9459-91.4163-4-52-000	6.8	355	3.60	-0.002	.	96.0	11100	32	M	118.0	2210	-0.1	M
MOCW502R	29-37.9200-91.4165-4-52-000	6.9	245	3.20	0.079	.	117.0	10200	.	M	60.0	2210	1.0	0.32
MOCW503R	29-37.8825-91.4212-4-53-000	7.3	190	2.00	0.152	.	108.0	10900	.	M	133.0	2200	-0.1	0.80
MOCW504R	29-37.8214-91.4390-4-52-000	7.2	350	6.10	0.379	.	59.0	10200	.	M	82.0	2340	-0.1	1.08
MOCW505R	29-37.8074-91.5088-4-53-000	7.3	300	3.90	-0.002	.	38.0	9500	31	M	89.0	2360	-0.1	M
MOCW506R	29-37.8466-91.5014-4-52-000	7.2	310	4.70	-0.002	.	.	10200	15	M	96.0	2560	-0.1	M
MOCW507R	29-37.8607-91.5153-4-52-000	7.3	315	4.90	0.244	.	110.0	8500	.	M	70.0	2690	-0.1	0.77
MOCW508R	29-37.8780-91.4999-4-52-000	7.2	410	5.60	0.236	.	119.0	17100	.	M	62.0	7170	-0.1	0.58
MOCW509R	29-37.8795-91.4459-4-52-000	6.9	370	6.10	0.327	.	97.0	13700	.	M	.	3310	-0.1	0.88
MOCW510R	29-37.9217-91.4455-4-52-000	7.5	190	2.70	0.098	.	55.0	7900	18	M	.	2110	-0.1	0.52
MOCW511R	29-37.9433-91.3592-4-52-000	7.5	240	3.80	0.157	.	100.0	11100	.	M	.	2440	-0.1	0.65
MOCW512R	29-37.8891-91.3693-4-52-000	7.4	250	3.40	0.137	.	91.0	10100	12	M	.	2340	-0.1	0.55
MOCW513R	29-37.8661-91.3721-4-52-000	7.4	270	6.50	0.162	.	74.0	8200	.	M	.	2060	-0.1	0.60
MOCW514R	29-37.8449-91.3209-4-52-000	7.3	160	2.70	0.048	.	33.0	7200	.	M	14.0	1630	-0.1	0.30
MOCW515R	29-37.8246-91.3175-4-52-000	7.3	390	5.50	0.294	.	153.0	18600	.	M	.	3450	-0.1	0.75
MOCW516R	29-37.8130-91.3512-4-52-000	7.3	240	5.70	0.202	.	59.0	8800	21	M	.	2610	-0.1	0.84
MOCW517R	29-37.8103-91.3978-4-52-000	7.3	220	5.70	0.177	.	92.0	17200	.	M	.	6440	-0.1	0.80
MOCW518R	29-37.8591-91.2747-4-52-000	7.5	295	4.30	0.104	.	207.0	25100	.	M	.	5280	-0.1	0.35
MOCW519R	29-37.8809-91.2890-4-52-000	7.5	240	2.50	0.089	.	84.0	7700	.	M	.	1720	-0.1	0.37
MOCW520R	29-37.8978-91.3162-4-52-000	7.7	180	3.70	0.067	.	65.0	9300	18	M	.	2130	-0.1	0.37
MOCW521R	29-37.9389-91.4673-4-52-000	7.0	290	4.50	0.182	.	43.0	3300	51	M	13.0	2310	0.2	0.63
MOCW522R	29-37.9375-91.4815-4-52-000	7.2	190	2.40	0.093	.	18.0	2300	39	M	.	1530	-0.1	0.49
MOCW523R	29-37.9972-91.5081-4-52-000	7.1	180	2.00	0.101	.	35.0	2600	42	M	.	2490	-0.1	0.56
MOCW524R	29-38.0062-91.4702-4-52-000	7.2	290	4.10	0.196	.	24.0	2200	27	M	.	2250	-0.1	0.68
MOCW525R	29-38.0207-91.4493-4-52-000	7.4	360	3.90	0.171	.	31.0	3900	22	M	.	2550	-0.1	0.48
MOCW526R	29-38.0387-91.4609-4-52-000	7.7	230	1.90	0.080	.	65.0	4600	41	M	11.0	3900	-0.1	0.35

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOCW527R	29-38.0499-91.4847-4-52-000	7.5	240	3.20	0.102	.	36.0	5200	42	M	.	2930	-0.1	0.43
MOCW528R	29-38.0620-91.4551-4-52-000	7.2	165	2.00	0.073	.	20.0	2500	34	M	.	1860	-0.1	0.44
MOCW529R	29-38.0419-91.5119-4-52-000	7.4	290	3.60	0.224	.	32.0	2900	24	M	.	2630	-0.1	0.77
MOCW530R	29-38.0794-91.4961-4-52-000	7.3	210	2.40	0.058	.	27.0	2400	31	M	.	2230	-0.1	0.28
MOCW531R	29-38.1084-91.5055-4-52-000	7.3	160	2.10	0.068	.	49.0	3700	39	M	.	2720	0.3	0.43
MOCW532R	29-38.1354-91.5008-4-52-000	7.4	320	4.30	0.257	.	37.0	2100	71	M	.	2190	-0.1	0.80
MOCW533R	29-38.1579-91.4968-4-52-000	6.6	700	2.50	1.069	.	56.0	27100	196	M	44.0	11950	-0.1	1.53
MOCW534R	29-38.1773-91.5179-4-52-000	7.3	370	2.60	0.350	.	15.0	2200	94	M	13.0	4300	-0.1	0.95
MOCW535R	29-38.1945-91.5188-4-52-000	7.0	250	2.50	0.667	.	105.0	5400	.	M	.	1440	-0.1	2.67
MOCW536R	29-38.1940-91.4678-4-52-000	7.0	800	8.90	0.689	.	227.0	13700	.	M	29.0	8140	-0.1	0.86
MOCW537R	29-38.1983-91.4444-4-52-000	7.3	390	5.40	0.366	.	42.0	3500	27	M	.	2770	-0.1	0.94
MOCW538R	29-38.1697-91.4397-4-52-000	7.3	400	5.50	0.561	.	36.0	2800	50	M	9.0	2200	-0.1	1.40
MOCW539R	29-38.1331-91.4341-4-52-000	7.3	370	5.20	0.343	.	.	4800	50	M	.	2830	0.3	0.93
MOCW540R	29-38.1148-91.4491-4-52-000	7.4	390	4.50	0.531	.	41.0	3000	22	M	.	3070	0.2	1.36
MOCW541R	29-38.0250-91.4083-4-52-000	7.6	210	3.40	0.117	.	56.0	5700	24	M	14.0	2370	-0.1	0.56
MOCW542R	29-37.9449-91.4876-4-52-000	7.6	330	3.10	0.133	.	68.0	8500	.	M	.	2040	-0.1	0.40
MOCW543R	29-37.9267-91.5037-4-53-000	7.3	230	3.50	0.329	.	37.0	4900	34	M	.	2530	0.2	1.43
MOCW544R	29-37.9280-91.3229-4-52-000	7.4	290	3.40	0.107	.	105.0	10800	.	M	.	2200	-0.1	0.37
MOCW545R	29-37.9260-91.2971-4-52-000	7.4	255	3.70	0.148	.	53.0	5200	34	M	.	2470	-0.1	0.58
MOCW546R	29-37.9515-91.3454-4-52-000	7.5	310	3.90	0.058	.	58.0	6300	.	M	.	2010	-0.1	0.19
MOCW547R	29-37.9717-91.3320-4-52-000	7.3	340	5.20	0.387	.	131.0	7400	24	M	.	3070	0.2	1.14
MOCW548R	29-37.9568-91.2975-4-52-000	7.4	260	4.30	0.128	.	27.0	5500	33	M	.	2080	-0.1	0.49
MOCW549R	29-37.9544-91.2616-4-52-000	7.7	240	3.60	0.220	.	59.0	5800	15	M	.	2780	-0.1	0.92
MOCW550R	29-37.9420-91.2252-4-52-000	7.5	310	3.90	0.274	.	62.0	7400	13	M	.	3080	-0.1	0.88
MOCW551R	29-37.9471-91.1466-4-52-000	7.6	370	5.40	0.286	.	38.0	4200	.	M	.	1730	-0.1	0.77
MOCW552R	29-37.9751-91.1898-4-53-000	7.9	290	4.60	0.388	.	61.0	4700	26	M	.	2620	-0.1	1.34
MOCW553R	29-37.9873-91.2558-4-52-000	7.7	350	3.50	0.188	.	86.0	8400	39	M	.	2730	-0.1	0.54
MOCW554R	29-38.0108-91.2330-4-52-000	7.4	370	5.60	0.292	.	19.0	5000	25	M	.	2860	0.2	0.79
MOCW555R	29-38.0210-91.2213-4-52-000	7.6	260	3.20	0.209	.	79.0	7000	.	M	.	2980	-0.1	0.80
MOCW556R	29-37.9930-91.2810-4-52-000	7.6	260	3.50	0.128	.	58.0	6200	.	M	.	2600	0.3	0.49
MOCW557R	29-38.0171-91.2763-4-52-000	7.6	320	4.90	0.226	.	25.0	3400	19	M	.	1660	-0.1	0.71
MOCW558R	29-38.0044-91.3151-4-52-000	7.4	360	4.80	0.201	.	64.0	5600	.	M	.	2280	-0.1	0.56
MOCW559R	29-37.9855-91.3702-4-52-000	7.5	330	4.00	0.178	.	.	5300	.	M	.	2070	-0.1	0.54
MOCW560R	29-38.0078-91.3799-4-52-000	7.9	210	2.50	0.061	.	72.0	10200	.	M	10.0	2380	0.3	0.29
MOCW561R	29-37.9855-91.4061-4-52-000	7.4	230	3.00	0.088	.	36.0	6700	.	M	.	1300	-0.1	0.38
MOCW562R	29-38.0747-91.3677-4-52-000	7.5	433	3.50	0.292	.	69.0	10200	180	M	.	3300	-0.1	0.67
MOCW563R	29-38.0844-91.3287-4-52-000	7.7	379	4.80	0.591	.	106.0	9200	74	M	.	3430	-0.1	1.56
MOCW564R	29-38.1155-91.3146-4-52-000	8.2	232	3.50	0.248	.	56.0	7900	48	M	.	1830	-0.1	1.07
MOCW565R	29-38.0965-91.2847-4-52-000	8.1	215	2.30	0.152	.	80.0	10500	42	M	.	2440	-0.1	0.71
MOCW566R	29-38.0792-91.2916-4-52-000	7.8	284	2.80	0.174	.	77.0	7000	49	M	.	1570	-0.1	0.61
MOCW567R	29-38.0520-91.2780-4-52-000	7.7	338	4.10	0.177	.	73.0	10100	67	M	.	2750	0.2	0.52
MOCW568R	29-38.0374-91.3380-4-52-000	7.6	407	2.80	0.124	.	36.0	10000	16	M	.	4790	0.4	0.30
MOCW569R	29-38.0399-91.3997-4-52-000	7.2	232	2.10	0.105	.	110.0	15500	.	M	14.0	5250	-0.1	0.45
MOCW570R	29-38.0529-91.3602-4-52-000	7.4	267	1.30	0.120	.	49.0	3900	.	M	.	1600	0.4	0.45
MOCW571R	29-38.0839-91.4072-4-52-000	7.3	441	2.50	0.346	.	84.0	6700	20	M	.	4200	-0.1	0.78
MOCW572R	29-38.1158-91.4122-4-52-000	7.1	426	2.50	0.258	.	53.0	10800	.	M	.	7700	-0.1	0.61
MOCW573R	29-38.1432-91.3954-4-52-000	7.3	452	2.70	0.274	.	36.0	4800	31	M	.	2730	0.2	0.61
MOCW574R	29-38.1639-91.4026-4-52-000	7.4	580	3.60	0.255	.	95.0	11200	.	M	.	3860	-0.1	0.44
MOCW575R	29-38.1901-91.3976-4-52-000	7.3	427	3.10	0.359	.	42.0	4900	14	M	.	2930	-0.1	0.84
MOCW576R	29-38.1874-91.3629-4-52-000	7.1	600	3.70	0.551	.	64.0	7100	69	M	.	3330	-0.1	0.92
MOCW577R	29-38.1639-91.3736-4-52-000	7.2	600	4.00	1.165	.	129.0	10500	.	M	.	5510	-0.1	1.94
MOCW578R	29-38.1465-91.3745-4-52-000	7.5	311	3.20	0.246	.	35.0	3500	37	M	6.0	1660	-0.1	0.79
MOCW579R	29-38.1078-91.3758-4-52-000	7.3	399	3.20	0.330	.	39.0	4500	43	M	.	2540	-0.1	0.83

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 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOCW580R	29-38.1332-91.3382-4-52-000	7.0	630	2.70	1.019	.	92.0	17100	.	M	.	11690	-0.1	1.62
MOCW581R	29-38.1631-91.3446-4-52-000	7.2	483	3.00	0.275	.	119.0	9600	.	M	.	4120	-0.1	0.57
MOCW582R	29-38.1927-91.3281-4-52-000	7.2	640	3.00	0.837	.	128.0	14100	70	M	.	5690	0.4	1.31
MOCW583R	29-38.1926-91.2938-4-52-000	7.7	232	2.30	0.113	.	72.0	5700	.	M	.	2440	-0.1	0.49
MOCW584R	29-38.2004-91.2392-4-52-000	7.6	283	1.60	0.108	.	57.0	3500	31	M	136.0	1780	-0.1	0.38
MOCW585R	29-38.1950-91.2067-4-52-000	7.7	287	1.30	0.051	.	104.0	9300	.	M	.	6550	0.4	0.18
MOCW586R	29-38.1664-91.2116-4-52-000	7.4	390	1.80	0.070	.	163.0	17800	.	M	.	5490	-0.1	0.18
MOCW587R	29-38.1668-91.2508-4-52-000	7.3	156	1.50	0.075	.	108.0	12500	24	M	.	4430	-0.1	0.48
MOCW588R	29-38.1585-91.2940-4-52-000	7.3	236	1.20	0.080	.	42.0	3200	38	M	13.0	2020	-0.1	0.34
MOCW589R	29-38.1398-91.2983-4-52-000	7.6	242	1.30	0.175	.	34.0	3000	36	M	7.0	2920	0.3	0.72
MOCW590R	29-38.0764-91.2442-4-52-000	7.6	391	4.20	0.154	.	86.0	10000	.	M	9.0	2170	0.3	0.39
MOCW591R	29-37.8276-91.2648-4-52-000	7.3	471	6.00	0.732	.	174.0	18300	.	M	.	10130	0.3	1.55
MOCW592R	29-37.8026-91.2551-4-52-000	7.2	472	6.20	0.661	.	89.0	7000	15	M	.	1970	-0.1	1.40
MOCW593R	29-37.7925-91.2961-4-52-000	7.5	474	6.60	0.314	.	133.0	14600	29	M	.	3020	-0.1	0.66
MOCW594R	29-37.8482-91.2557-4-52-000	7.6	313	3.60	0.191	.	163.0	15900	.	M	.	6460	-0.1	0.61
MOCW595R	29-37.8505-91.2219-4-52-000	7.9	237	3.00	0.087	.	53.0	7500	38	M	.	1900	0.3	0.37
MOCW596R	29-37.8260-91.2179-4-52-000	7.4	446	5.90	0.256	.	82.0	9800	60	M	.	3210	-0.1	0.57
MOCW597R	29-37.8512-91.1748-4-53-000	8.4	147	2.60	0.181	.	36.0	9500	25	M	.	2050	0.9	1.23
MOCW598R	29-37.8093-91.1826-4-52-000	7.7	360	5.10	0.312	.	85.0	11300	.	M	.	3080	-0.1	0.87
MOCW599R	29-37.8007-91.2156-4-52-000	7.8	388	5.60	0.436	.	102.0	9500	.	M	16.0	2270	-0.1	1.12
MOCW600R	29-37.7908-91.1555-4-52-000	7.7	410	5.80	0.382	.	100.0	14200	36	M	.	3540	0.5	0.93
MOCW601R	29-37.7796-91.1361-4-52-000	7.6	387	4.90	0.480	.	73.0	8900	.	M	.	2430	-0.1	1.24
MOCW602R	29-37.7526-91.1588-4-53-000	7.8	333	4.80	0.254	.	86.0	10500	.	M	.	2190	0.2	0.76
MOCW603R	29-37.7399-91.2074-4-52-000	7.7	437	6.20	0.374	.	.	16900	20	M	.	7830	-0.1	0.86
MOCW604R	29-37.7230-91.1737-4-52-000	7.5	428	6.90	0.370	.	124.0	12400	.	M	.	2390	0.5	0.86
MOCW605R	29-37.7532-91.1202-4-52-000	7.7	447	4.90	0.582	.	156.0	27400	.	M	.	7750	-0.1	1.30
MOCW606R	29-37.8353-91.1091-4-53-000	7.6	357	4.90	0.355	.	96.0	8200	41	M	.	2630	-0.1	0.99
MOCW607R	29-37.8529-91.1410-4-52-000	8.0	213	2.10	0.226	.	81.0	12900	.	M	.	2940	0.6	1.06
MOCW608R	29-37.8794-91.1425-4-52-000	7.6	334	4.70	0.252	.	70.0	9100	.	M	.	2010	-0.1	0.75
MOCW609R	29-37.9052-91.1276-4-52-000	7.7	392	5.10	0.200	.	85.0	9900	70	M	16.0	3340	-0.1	0.51
MOCW610R	29-37.9186-91.1651-4-52-000	7.4	420	5.50	0.302	.	97.0	11900	22	M	.	4840	-0.1	0.72
MOCW611R	29-37.8976-91.1673-4-52-000	7.6	327	5.00	0.111	.	82.0	6700	29	M	.	1920	-0.1	0.34
MOCW612R	29-37.8907-91.2038-4-52-000	7.5	455	5.90	0.318	.	65.0	18400	.	M	.	4720	-0.1	0.70
MOCW613R	29-37.9243-91.2301-4-52-000	7.7	312	4.90	0.215	.	.	M	.	M	.	M	-0.1	0.69
MOCW614R	29-37.9010-91.2448-4-52-000	7.7	272	4.30	0.076	.	.	M	.	M	.	M	-0.1	0.28
MOCW615R	29-37.8834-91.2533-4-52-000	7.6	335	5.00	0.137	.	73.0	7600	30	M	.	3340	0.3	0.41
MOCW616R	29-38.0981-91.2530-4-52-000	7.5	409	4.00	0.124	.	122.0	9600	15	M	9.0	3820	-0.1	0.30
MOCW617R	29-38.0821-91.2109-4-52-000	7.3	530	3.80	0.550	.	124.0	15700	.	M	31.0	7910	0.4	1.04
MOCW618R	29-38.0967-91.2080-4-52-000	8.0	310	6.10	0.205	.	.	M	.	M	.	M	-0.1	0.66
MOCW619R	29-38.0914-91.1735-4-52-000	7.4	381	4.30	0.238	.	58.0	M	.	M	.	3070	0.4	0.62
MOCW620R	29-38.0834-91.1530-4-52-000	7.3	418	3.60	0.429	.	57.0	10600	103	M	.	4670	-0.1	1.03
MOCW621R	29-38.0818-91.1187-4-52-000	7.2	520	5.10	0.387	.	156.0	15900	43	M	.	7400	-0.1	0.74
MOCW622R	29-38.1264-91.2002-4-52-000	7.6	341	3.50	0.265	.	45.0	6400	.	M	.	3810	0.2	0.78
MOCW623R	29-38.1425-91.2290-4-52-000	7.4	422	4.40	0.190	.	.	7600	95	M	31.0	3520	0.7	0.45
MOCW624R	29-38.1750-91.1775-4-52-000	7.3	489	4.70	0.302	.	78.0	9400	28	M	35.0	5830	-0.1	0.62
MOCW625R	29-38.1469-91.1710-4-52-000	7.3	600	5.00	1.176	.	43.0	29000	.	M	.	11660	-0.1	1.96
MOCW626R	29-38.1509-91.1381-4-52-000	7.3	650	4.50	0.469	.	141.0	20200	79	M	55.0	9000	-0.1	0.72
MOCW627R	29-38.1707-91.1359-4-52-000	7.6	510	5.50	0.422	.	114.0	15200	25	M	.	8250	-0.1	0.83
MOCW628R	29-38.1891-91.1468-4-52-000	7.4	388	4.50	0.301	.	44.0	7900	18	M	20.0	4430	-0.1	0.78
MODN501R	29-37.6681-91.5170-4-52-000	8.1	240	2.40	0.173	.	86.0	11100	59	M	42.0	4610	-0.1	0.72
MODN502R	29-37.7065-91.5118-4-52-000	8.0	290	3.00	0.092	.	68.0	7900	.	M	63.0	2190	0.5	0.32
MODN503R	29-37.7354-91.5156-4-52-000	8.0	310	3.20	0.128	.	137.0	11200	38	M	47.0	3630	-0.1	0.41
MODN504R	29-37.7703-91.5133-4-52-000	7.6	350	3.60	0.181	.	57.0	11600	45	M	26.0	4210	-0.1	0.52

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MODN505R	29-37.7666-91.4939-4-52-000	7.7	290	4.00	0.129	.	74.0	6700	39	M	56.0	2830	0.4	0.44
MODN506R	29-37.7135-91.4824-4-52-000	7.9	260	2.60	0.286	.	64.0	7400	.	M	57.0	2240	0.6	1.10
MODN507R	29-37.7284-91.4714-4-52-000	7.6	260	3.90	0.111	.	98.0	7400	17	M	170.0	11460	0.4	0.43
MODN508R	29-37.7457-91.4364-4-52-000	7.1	600	7.40	0.373	.	.	13600	.	M	323.0	20840	-0.1	0.62
MODN509R	29-37.7372-91.4094-4-52-000	7.2	420	7.20	0.187	.	43.0	6200	.	M	170.0	10580	-0.1	0.45
MODN510R	29-37.7655-91.3936-4-52-000	7.2	340	3.90	0.123	.	29.0	6700	.	M	147.0	10550	0.4	0.36
MODN511R	29-37.7713-91.3756-4-52-000	7.4	330	3.80	0.407	.	63.0	10400	.	M	161.0	12560	-0.1	1.23
MODN512R	29-37.7542-91.3370-4-52-000	7.4	350	4.80	0.166	.	137.0	6900	.	M	155.0	10830	-0.1	0.47
MODN513R	29-37.6347-91.5039-4-52-000	8.2	210	2.30	0.158	.	29.0	5800	34	M	176.0	10880	0.4	0.75
MODN514R	29-37.6192-91.4784-4-52-000	7.7	280	3.00	0.108	.	57.0	9100	.	M	178.0	10520	0.3	0.39
MODN515R	29-37.6357-91.4631-4-52-000	7.7	320	4.30	0.165	.	.	5900	.	M	156.0	11270	-0.1	0.52
MODN516R	29-37.6454-91.4398-4-52-000	7.6	360	3.60	0.160	.	75.0	8600	.	M	200.0	11400	-0.1	0.44
MODN517R	29-37.6487-91.4126-4-52-000	7.5	460	5.00	0.257	.	84.0	14000	.	M	214.0	11770	-0.1	0.56
MODN518R	29-37.6821-91.4151-4-52-000	7.7	320	2.80	0.183	.	147.0	10600	.	M	173.0	13230	-0.1	0.57
MODN519R	29-37.6705-91.4319-4-52-000	7.6	190	3.40	0.159	.	79.0	8100	.	M	178.0	11490	-0.1	0.84
MODN520R	29-37.6633-91.4811-4-52-000	7.4	310	4.30	0.137	.	92.0	9400	16	M	196.0	11310	-0.1	0.44
MODN521R	29-37.6165-91.4306-4-52-000	7.5	330	4.00	0.156	.	23.0	6000	.	M	186.0	10640	-0.1	0.47
MODN522R	29-37.6353-91.3673-4-52-000	7.4	340	5.10	0.113	.	28.0	5400	.	M	178.0	11170	-0.1	0.33
MODN523R	29-37.6636-91.3704-4-52-000	7.6	260	3.00	0.096	.	48.0	5800	.	M	158.0	11460	-0.1	0.37
MODN524R	29-37.6577-91.3370-4-52-000	7.3	350	6.50	0.207	.	100.0	8100	.	M	201.0	12890	-0.1	0.59
MODN525R	29-37.6182-91.2940-4-52-000	7.4	360	4.90	0.151	.	135.0	9500	.	M	176.0	11540	-0.1	0.42
MODN526R	29-37.6461-91.2592-4-53-000	7.3	320	4.60	0.180	.	32.0	7400	17	M	192.0	11620	-0.1	0.56
MODN527R	29-37.6873-91.2831-4-52-000	7.4	310	4.80	0.135	.	101.0	7700	.	M	184.0	11550	-0.1	0.44
MODN528R	29-37.6378-91.2168-4-52-000	7.4	495	6.00	0.164	.	307.0	27900	.	M	125.0	20460	0.4	0.33
MODN529R	29-37.6683-91.1939-4-52-000	7.4	360	3.70	0.257	.	144.0	18500	.	M	193.0	21410	-0.1	0.71
MODN530R	29-37.6408-91.1767-4-52-000	7.6	325	5.60	0.246	.	59.0	7700	.	M	154.0	11870	0.4	0.76
MODN531R	29-37.6195-91.1878-4-52-000	7.6	340	5.10	0.200	.	.	8800	28	M	158.0	10970	-0.1	0.59
MODN532R	29-37.6037-91.1684-4-52-000	7.8	260	3.20	0.131	.	56.0	7800	.	M	191.0	10950	0.6	0.50
MODN533R	29-37.6151-91.3458-4-52-000	7.7	270	3.60	0.132	.	81.0	12000	.	M	210.0	11620	0.4	0.49
MODN534R	29-37.6060-91.3266-4-52-000	7.8	290	4.20	0.103	.	94.0	8300	18	M	203.0	11920	0.4	0.36
MODN535R	29-37.5949-91.3760-4-52-000	7.4	330	3.60	0.121	.	67.0	8000	.	M	154.0	12030	-0.1	0.37
MODN536R	29-37.6057-91.4044-4-52-000	8.0	190	2.90	0.130	.	.	7400	88	M	173.0	11810	-0.1	0.68
MODN537R	29-37.5606-91.4135-4-52-000	8.0	200	2.80	0.161	.	52.0	8300	.	M	166.0	10880	0.4	0.81
MODN538R	29-37.5731-91.4342-4-52-000	7.9	240	3.20	0.093	.	85.0	9400	18	M	194.0	12680	-0.1	0.39
MODN539R	29-37.5734-91.4816-4-52-000	8.0	210	3.20	0.084	.	.	8800	.	M	187.0	11620	-0.1	0.40
MODN540R	29-37.5762-91.5244-4-52-000	7.8	240	1.40	0.121	.	99.0	11300	40	M	190.0	11980	0.4	0.50
MODN541R	29-37.5549-91.5005-4-52-000	8.0	190	1.30	0.115	.	54.0	8500	20	M	164.0	12440	-0.1	0.61
MODN542R	29-37.5496-91.4766-4-52-000	8.0	240	3.70	0.124	.	63.0	7700	.	M	191.0	12000	-0.1	0.52
MODN543R	29-37.5452-91.4588-4-52-000	8.0	240	2.80	0.122	.	116.0	8400	56	M	199.0	11780	-0.1	0.51
MODN544R	29-37.5271-91.4230-4-52-000	8.0	250	3.10	0.083	.	99.0	9200	.	M	197.0	12400	-0.1	0.33
MODN545R	29-37.5148-91.3819-4-52-000	7.9	220	4.00	0.120	.	.	5300	31	M	178.0	11960	-0.1	0.55
MODN546R	29-37.5449-91.3758-4-52-000	7.8	280	3.20	0.212	.	180.0	13500	.	M	225.0	13970	-0.1	0.76
MODN547R	29-37.5273-91.3670-4-52-000	7.8	200	2.40	0.130	.	61.0	10100	48	M	145.0	12330	-0.1	0.65
MODN548R	29-37.4757-91.2311-4-52-000	8.1	240	3.60	0.216	.	20.0	7900	32	M	205.0	11990	-0.1	0.90
MODN549R	29-37.4657-91.2550-4-52-000	8.2	200	3.60	0.117	.	29.0	7500	.	M	189.0	11840	-0.1	0.59
MODN550R	29-37.4639-91.2926-4-52-000	7.4	390	5.40	0.161	.	62.0	8800	41	M	130.0	11340	-0.1	0.41
MODN551R	29-37.4927-91.3034-4-52-000	7.9	230	2.20	0.095	.	80.0	8200	21	M	189.0	11870	-0.1	0.41
MODN552R	29-37.4211-91.2820-4-52-000	7.4	390	4.60	0.254	.	102.0	7900	29	M	151.0	11630	-0.1	0.65
MODN553R	29-37.4178-91.3499-4-53-000	7.5	320	3.70	0.213	.	71.0	8800	34	M	189.0	12060	-0.1	0.67
MODN554R	29-37.4347-91.3873-4-52-000	7.8	220	2.20	0.137	.	71.0	8400	49	M	186.0	11530	-0.1	0.62
MODN555R	29-37.4532-91.3832-4-53-000	7.5	170	1.60	0.075	.	.	7400	.	M	149.0	11310	1.1	0.44
MODN556R	29-37.4956-91.4044-4-53-000	7.4	140	2.10	0.081	.	73.0	7200	.	M	153.0	11320	-0.1	0.58
MODN557R	29-37.5003-91.4380-4-52-000	7.7	270	3.00	0.094	.	62.0	8500	.	M	189.0	13000	0.5	0.35

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

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U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MODN558R	29-37.4496-91.4315-4-52-000	7.5	215	2.90	0.090	.	90.0	9500	52	M	183.0	12200	-0.1	0.42
MODN559R	29-37.4495-91.4617-4-52-000	7.6	240	2.40	0.108	.	62.0	9400	17	M	202.0	12120	0.4	0.45
MODN560R	29-37.4364-91.4669-4-52-000	7.4	340	4.30	0.122	.	.	7600	.	M	207.0	11740	-0.1	0.36
MODN561R	29-37.4911-91.4795-4-52-000	7.7	230	4.30	0.122	.	74.0	7400	16	M	206.0	12320	0.7	0.53
MODN562R	29-37.4552-91.5046-4-52-000	7.3	250	4.30	0.145	.	.	7400	.	M	202.0	11710	-0.1	0.58
MODN563R	29-37.4877-91.5102-4-52-000	7.4	220	3.10	0.088	.	120.0	8600	.	M	230.0	12740	-0.1	0.40
MODN564R	29-37.5265-91.5014-4-52-000	7.7	170	2.60	0.091	.	48.0	5400	24	M	169.0	12530	-0.1	0.54
MODN565R	29-37.5142-91.4651-4-52-000	8.0	200	1.80	0.083	.	37.0	4100	17	M	182.0	12360	-0.1	0.42
MODN566R	29-37.6099-91.5271-4-52-000	7.8	250	2.40	0.164	.	35.0	8200	44	M	203.0	12700	-0.1	0.66
MODN567R	29-37.5744-91.5447-4-52-000	8.1	220	2.70	0.061	.	.	6300	.	M	201.0	12650	-0.1	0.28
MODN568R	29-37.5567-91.5740-4-52-000	8.0	240	2.20	0.081	.	122.0	9800	.	M	200.0	12810	-0.1	0.34
MODN569R	29-37.5585-91.6055-4-52-000	8.0	200	2.40	0.095	.	50.0	9100	30	M	180.0	13020	-0.1	0.48
MODN570R	29-37.5538-91.6260-4-52-000	7.9	180	2.50	0.108	.	69.0	8300	63	M	174.0	13030	-0.1	0.60
MODN571R	29-37.5300-91.5992-4-52-000	7.9	190	2.70	0.093	.	56.0	8400	33	M	179.0	12210	-0.1	0.49
MODN572R	29-37.5277-91.5613-4-52-000	7.7	250	3.00	0.094	.	94.0	6500	.	M	217.0	12890	0.6	0.38
MODN573R	29-37.4946-91.5529-4-52-000	7.8	240	2.70	0.150	.	45.0	5300	.	M	215.0	12450	-0.1	0.63
MODN574R	29-37.4632-91.5743-4-52-000	7.6	290	3.70	0.096	.	38.0	8800	30	M	204.0	12370	-0.1	0.33
MODN575R	29-37.4374-91.5919-4-52-000	7.2	450	5.10	0.463	.	89.0	9400	36	M	273.0	12840	-0.1	1.03
MODN576R	29-37.4640-91.5983-4-52-000	8.3	220	3.90	0.212	.	.	7300	16	M	217.0	13970	0.7	0.96
MODN577R	29-37.4993-91.5994-4-52-000	7.6	210	3.30	0.081	.	65.0	6000	13	M	186.0	12310	0.4	0.39
MODN578R	29-37.4796-91.6316-4-52-000	7.5	300	3.10	0.049	.	137.0	12300	37	M	216.0	14710	-0.1	0.16
MODN579R	29-37.4604-91.6330-4-52-000	7.5	310	3.20	0.209	.	148.0	13300	.	M	237.0	14290	0.8	0.67
MODN580R	29-37.4512-91.6643-4-52-000	7.5	250	3.20	0.265	.	78.0	5500	33	M	218.0	12620	-0.1	1.06
MODN581R	29-37.4357-91.6959-4-52-000	7.4	440	4.20	0.136	.	97.0	11500	18	M	237.0	13800	-0.1	0.31
MODN582R	29-37.4465-91.7404-4-52-000	7.2	110	1.50	0.065	.	69.0	4300	.	M	154.0	12660	0.6	0.59
MODN583R	29-37.4340-91.7279-4-52-000	7.5	260	4.10	0.109	.	20.0	4800	.	M	199.0	13200	-0.1	0.42
MODN584R	29-37.4615-91.7029-4-52-000	7.3	385	4.20	0.151	.	53.0	9500	.	M	240.0	12800	-0.1	0.39
MODN585R	29-37.5217-91.6438-4-52-000	8.0	190	2.00	0.105	.	75.0	11600	18	M	175.0	13480	-0.1	0.55
MODN586R	29-37.5167-91.6745-4-52-000	7.7	210	2.70	0.097	.	28.0	7200	.	M	194.0	13230	-0.1	0.46
MODN587R	29-37.4903-91.6851-4-52-000	7.6	250	3.00	0.076	.	71.0	7100	.	M	201.0	12480	0.4	0.30
MODN588R	29-37.4860-91.7299-4-52-000	7.6	220	3.60	0.087	.	73.0	5000	27	M	196.0	13320	0.3	0.40
MODN589R	29-37.5267-91.7027-4-52-000	7.8	205	2.10	0.080	.	.	8700	.	M	198.0	13610	0.4	0.39
MODN590R	29-37.5436-91.6939-4-52-000	7.5	310	3.60	0.089	.	167.0	12200	.	M	236.0	13190	0.5	0.29
MODN591R	29-37.5251-91.7464-4-52-000	6.9	165	2.00	0.044	.	.	12200	.	M	226.0	13540	-0.1	0.27
MODN592R	29-37.5585-91.7266-4-52-000	7.6	175	2.10	0.085	.	32.0	6700	21	M	180.0	13260	-0.1	0.49
MODN593R	29-37.5934-91.7223-4-52-000	7.4	220	2.90	0.108	.	36.0	6400	44	M	178.0	13000	-0.1	0.49
MODN594R	29-37.5899-91.6655-4-52-000	7.5	350	3.40	0.159	.	139.0	11400	.	M	242.0	13580	-0.1	0.45
MODN595R	29-37.5767-91.6476-4-52-000	7.6	230	2.40	0.121	.	67.0	9900	18	M	197.0	13590	-0.1	0.53
MODN596R	29-37.6032-91.6388-4-52-000	7.4	290	3.90	0.165	.	57.0	8100	.	M	214.0	13730	-0.1	0.57
MODN597R	29-37.6179-91.6138-4-52-000	7.6	250	2.70	0.092	.	63.0	5900	31	M	179.0	13080	-0.1	0.37
MODN598R	29-37.5833-91.6118-4-52-000	7.6	230	2.70	0.062	.	.	10500	.	M	175.0	15190	-0.1	0.27
MODN599R	29-37.6163-91.5691-4-52-000	6.7	160	1.60	0.046	.	79.0	7300	.	M	380.0	12960	-0.1	0.29
MODN600R	29-37.6366-91.5725-4-52-000	7.5	180	2.00	0.050	.	54.0	7300	.	M	180.0	13040	0.4	0.28
MODN601R	29-37.6405-91.6113-4-52-000	7.5	270	2.70	0.096	.	45.0	7800	.	M	177.0	12440	0.9	0.36
MODN602R	29-37.6325-91.6415-4-52-000	7.5	290	3.60	0.074	.	18.0	5600	13	M	169.0	12500	-0.1	0.26
MODN603R	29-37.6338-91.6790-4-52-000	7.6	270	4.20	0.056	.	24.0	5400	.	M	167.0	13370	-0.1	0.21
MODN604R	29-37.6087-91.6625-4-52-000	7.6	250	2.50	0.087	.	24.0	4300	.	M	158.0	12750	-0.1	0.35
MODN605R	29-37.6392-91.7212-4-52-000	7.8	240	2.80	0.081	.	52.0	8700	14	M	199.0	13060	-0.1	0.34
MODN606R	29-37.6160-91.7146-4-52-000	7.7	180	2.00	0.103	.	148.0	8600	.	M	183.0	13530	-0.1	0.57
MODN607R	29-37.6159-91.7419-4-52-000	7.8	215	3.40	0.070	.	24.0	5600	22	M	174.0	12270	0.2	0.33
MODN608R	29-37.6081-91.7996-4-52-000	7.6	230	2.60	0.068	.	.	7500	.	M	174.0	12830	-0.1	0.30
MODN609R	29-37.6455-91.7609-4-52-000	7.7	200	2.10	0.103	.	70.0	10100	.	M	184.0	13470	0.4	0.52
MODN610R	29-37.6533-91.7827-4-53-000	6.8	80	0.54	0.024	.	67.0	11600	.	M	129.0	14580	-0.1	0.30

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MODN611R	29-37.6669-91.7976-4-52-000	7.2	340	3.60	0.060	.	87.0	8600	20	M	227.0	13460	-0.1	0.18
MODN612R	29-37.6755-91.7521-4-52-000	7.6	230	2.00	0.073	.	.	7400	34	M	172.0	13570	-0.1	0.32
MODN613R	29-37.6991-91.7054-4-52-000	7.7	200	2.00	0.062	.	50.0	8200	45	M	185.0	13050	-0.1	0.31
MODN614R	29-37.6819-91.6777-4-52-000	7.9	300	3.40	0.077	.	44.0	6700	.	M	213.0	13110	-0.1	0.26
MODN615R	29-37.6636-91.6375-4-52-000	7.6	270	3.70	0.045	.	60.0	6700	25	M	178.0	13060	0.4	0.17
MODN616R	29-37.7007-91.6761-4-52-000	7.2	200	2.60	0.064	.	40.0	9300	.	M	178.0	13280	-0.1	0.32
MODN617R	29-37.7202-91.7609-4-52-000	7.5	330	3.40	0.087	.	76.0	10400	.	M	215.0	13400	-0.1	0.26
MODN618R	29-37.7198-91.7838-4-52-000	7.5	340	4.20	0.090	.	63.0	8500	.	M	204.0	13420	0.3	0.26
MODN619R	29-37.7420-91.7572-4-52-000	7.2	230	2.10	0.066	.	39.0	9700	29	M	169.0	15850	-0.1	0.29
MODN620R	29-37.7831-91.7908-4-52-000	7.2	460	5.20	0.198	.	.	14200	.	M	273.0	14900	-0.1	0.43
MODN621R	29-37.7751-91.7514-4-52-000	7.3	170	2.90	0.094	.	63.0	7000	.	M	156.0	12720	-0.1	0.55
MODN622R	29-37.7744-91.7202-4-52-000	7.5	290	3.00	0.103	.	61.0	8300	26	M	172.0	13830	-0.1	0.36
MODN623R	29-37.7808-91.6869-4-52-000	7.3	330	4.30	0.092	.	54.0	10000	.	M	214.0	14010	0.7	0.28
MODN624R	29-37.7513-91.6866-4-52-000	7.2	495	4.10	0.122	.	47.0	12900	.	M	250.0	15380	-0.1	0.25
MODN625R	29-37.6680-91.5827-4-52-000	8.0	220	2.60	0.077	.	103.0	6700	40	M	174.0	13120	-0.1	0.35
MODN626R	29-37.7051-91.6244-4-52-000	7.8	250	3.40	0.113	.	124.0	8100	34	M	83.0	3470	-0.1	0.45
MODN627R	29-37.7315-91.7232-4-52-000	7.7	270	2.80	0.105	.	128.0	13400	.	M	76.0	3490	-0.1	0.39
MODN628R	29-37.7301-91.6483-4-52-000	7.5	310	3.20	0.094	.	104.0	13500	.	M	95.0	3360	0.3	0.30
MODN629R	29-37.7637-91.6402-4-52-000	7.5	310	3.20	0.136	.	153.0	13100	.	M	62.0	5110	-0.1	0.44
MODN630R	29-37.7755-91.5860-4-52-000	7.6	240	2.60	0.101	.	265.0	24700	.	M	91.0	5180	-0.1	0.42
MODN631R	29-37.7713-91.5608-4-52-000	7.5	350	3.80	0.080	.	191.0	16000	.	M	78.0	3860	0.6	0.23
MODN632R	29-37.7477-91.5551-4-52-000	7.3	340	4.60	0.208	.	61.0	10500	100	M	65.0	4290	-0.1	0.61
MODN633R	29-37.7411-91.5973-4-52-000	7.4	270	3.00	0.060	.	89.0	8800	13	M	81.0	3710	0.8	0.22
MODN634R	29-37.7162-91.6088-4-52-000	7.3	260	2.80	0.118	.	82.0	15300	.	M	74.0	4500	0.4	0.45
MODN635R	29-37.7056-91.5701-4-52-000	7.4	240	3.20	0.145	.	45.0	9500	38	M	67.0	3400	-0.1	0.60
MODN636R	29-37.6848-91.5691-4-52-000	7.4	260	3.40	0.132	.	72.0	8100	.	M	75.0	3440	0.5	0.51
MODU501R	29-36.3254-90.0512-4-52-000	7.2	260	0.60	0.030	.	.	18400	.	M	24.0	6540	-0.1	0.12
MODU502R	29-36.2940-90.0672-4-52-000	6.8	280	0.50	0.061	.	73.0	19900	.	M	62.0	5550	-0.1	0.22
MODU503R	29-36.2427-90.0918-4-52-000	7.4	335	1.70	0.028	.	.	9900	.	M	.	1980	-0.1	0.08
MODU504R	29-36.2227-90.1238-4-52-000	7.2	245	0.70	-0.002	.	.	21400	29	M	38.0	10740	0.5	M
MODU505R	29-36.2129-90.1026-4-52-000	7.4	265	1.80	0.009	.	.	16400	.	M	.	M	-0.1	0.03
MODU506R	29-36.2773-89.9873-4-52-000	7.4	330	2.70	0.078	.	.	11400	25	M	283.0	4290	-0.1	0.24
MODU507R	29-36.2661-89.9991-4-52-000	8.0	225	1.90	0.030	.	34.0	8600	.	M	.	33110	-0.1	0.13
MODU508R	29-36.2915-89.9998-4-52-000	7.3	305	1.70	-0.002	.	429.0	12400	21	M	298.0	3000	-0.1	M
MODU509R	29-36.2473-89.9939-4-52-000	7.0	275	2.10	0.206	.	48.0	16400	.	M	353.0	4260	-0.1	0.75
MODU510R	29-36.2172-89.9822-4-52-000	6.7	330	1.70	0.054	.	82.0	11900	40	M	229.0	10080	-0.1	0.16
MODU511R	29-36.6152-90.0207-4-52-000	7.4	280	2.30	0.120	.	38.0	17900	.	M	416.0	8460	-0.1	0.43
MODU512R	29-36.6129-90.0529-4-52-000	7.3	355	1.70	0.092	.	206.0	34100	.	M	102.0	17590	-0.1	0.26
MODU513R	29-36.6250-90.1048-4-52-000	7.2	335	4.40	-0.002	.	45.0	8000	112	M	241.0	4660	-0.1	M
MODU514R	29-36.6030-90.1369-4-52-000	7.0	195	2.00	-0.002	.	.	9000	.	M	763.0	1590	-0.1	M
MODU515R	29-36.5668-90.1609-4-52-000	6.9	405	2.90	-0.002	.	178.0	23400	.	M	568.0	16110	-0.1	M
MODU516R	29-36.5879-90.1717-4-52-000	7.0	395	2.50	-0.002	.	.	16200	.	M	.	6410	-0.1	M
MODU517R	29-36.5794-90.1208-4-52-000	7.2	335	3.60	0.006	.	34.0	10100	96	M	309.0	5230	-0.1	0.02
MODU518R	29-36.5715-90.0423-4-52-000	7.4	305	2.10	0.124	.	23.0	13200	36	M	185.0	5890	-0.1	0.41
MODU519R	29-36.6155-89.9713-4-52-000	7.4	190	0.60	0.072	.	37.0	11700	40	M	109.0	2680	-0.1	0.38
MODU520R	29-36.5477-89.9827-4-52-000	6.9	115	0.60	0.030	.	.	9600	19	M	65.0	1840	0.3	0.26
MODU521R	29-36.5425-90.0063-4-52-000	7.0	390	1.60	0.572	.	.	15700	.	M	.	4380	0.7	1.47
MODU522R	29-36.5692-90.0024-4-52-000	7.9	210	1.40	0.040	.	9.0	10200	28	M	182.0	3080	-0.1	0.19
MODU523R	29-36.5012-89.9833-4-52-000	7.1	235	0.26	-0.002	.	66.0	12300	.	M	108.0	3340	0.5	M
MODU524R	29-36.4841-89.9866-4-52-000	7.2	250	0.80	0.042	.	51.0	10900	22	M	110.0	2610	-0.1	0.17
MODU525R	29-36.4704-90.0014-4-52-000	7.2	165	0.50	0.070	.	.	12400	.	M	.	1840	-0.1	0.42
MODU526R	29-36.4473-90.0106-4-52-000	7.5	170	0.70	0.019	.	46.0	14000	.	M	340.0	2810	-0.1	0.11
MODU527R	29-36.4344-89.9796-4-52-000	7.3	160	0.24	-0.002	.	91.0	15500	.	M	45.0	2310	-0.1	M

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MODU528R	29-36.5222-90.1728-4-52-000	7.3	280	2.20	0.049	.	40.0	7600	76	M	202.0	2400	-0.1	0.18
MODU529R	29-36.5130-90.2140-4-52-000	7.4	445	4.60	-0.002	.	56.0	13100	36	M	294.0	6830	-0.1	M
MODU530R	29-36.5100-90.1414-4-52-000	7.5	395	3.70	0.049	.	18.0	9200	45	M	256.0	13710	-0.1	0.12
MODU531R	29-36.5029-90.0216-4-52-000	7.6	170	1.30	0.006	.	64.0	9200	28	M	132.0	2560	-0.1	0.04
MODU532R	29-36.4748-90.0461-4-52-000	7.0	525	0.35	-0.002	.	.	88800	.	M	40.0	71420	-0.1	M
MODU533R	29-36.4528-90.0536-4-52-000	7.3	295	1.60	0.075	.	.	18100	.	M	164.0	5600	-0.1	0.25
MODU534R	29-36.4413-90.0811-4-52-000	7.0	215	0.80	0.827	.	37.0	11800	.	M	59.0	3130	0.4	3.85
MODU535R	29-36.4702-90.0728-4-52-000	6.8	170	0.20	0.082	.	2842.0	11900	.	M	23.0	3380	0.6	0.48
MODU536R	29-36.4856-90.1324-4-52-000	6.6	205	1.10	-0.002	.	130.0	25000	.	M	.	9550	0.3	M
MODU537R	29-36.4326-90.1210-4-52-000	7.0	390	3.50	0.032	.	23.0	12600	30	M	375.0	7990	-0.1	0.08
MODU538R	29-36.4125-90.1069-4-52-000	7.2	445	3.70	-0.002	.	.	24200	.	M	.	6620	-0.1	M
MODU539R	29-36.4082-90.0691-4-52-000	7.3	515	2.80	0.057	.	.	33300	.	M	858.0	29400	-0.1	0.11
MODU540R	29-36.4090-90.0477-4-52-000	7.5	290	3.00	0.299	.	33.0	11000	.	M	.	7560	0.3	1.03
MODU541R	29-36.4120-90.0115-4-52-000	7.2	120	0.30	0.013	.	.	12300	.	M	39.0	2140	0.3	0.11
MODU542R	29-36.4220-89.9930-4-52-000	7.4	280	1.80	0.098	.	66.0	10300	.	M	139.0	3530	-0.1	0.35
MODU543R	29-36.3893-89.9861-4-52-000	7.3	145	0.35	0.016	.	.	M	.	M	.	439100	-0.1	0.11
MODU544R	29-36.3792-90.0089-4-52-000	6.9	250	0.80	0.001	.	46.0	10700	25	M	47.0	9240	3.3	0.00
MODU545R	29-36.3884-90.0608-4-52-000	6.5	145	0.35	-0.002	.	41.0	11400	.	M	24.0	6260	1.2	M
MODU546R	29-36.3501-90.0517-4-52-000	6.9	380	3.10	0.069	.	21.0	16400	.	M	341.0	5650	0.6	0.18
MODU547R	29-36.3500-90.0162-4-52-000	7.2	295	1.50	0.133	.	36.0	15400	.	M	69.0	5790	-0.1	0.45
MODU548R	29-36.3526-89.9674-4-52-000	7.2	295	2.70	-0.002	.	52.0	9900	46	M	35.0	28670	-0.1	M
MODU549R	29-36.3209-89.9794-4-52-000	7.6	205	1.50	0.005	.	.	9300	.	M	88.0	3130	-0.1	0.02
MODU550R	29-36.0745-90.1033-4-52-000	6.7	160	0.70	0.017	.	.	12800	55	M	150.0	4320	-0.1	0.11
MODU551R	29-36.0607-90.1249-4-52-000	6.7	180	1.20	0.060	.	27.0	8800	14	M	157.0	1660	-0.1	0.33
MODU552R	29-36.0272-90.1291-4-52-000	6.1	270	0.38	0.012	.	68.0	15900	24	M	151.0	10410	-0.1	0.04
MODU553R	29-36.0063-90.1336-4-52-000	7.1	130	0.60	0.001	.	42.0	8600	.	M	90.0	3440	-0.1	0.01
MODU554R	29-36.0066-90.1618-4-52-000	7.2	330	1.30	0.459	.	.	17500	51	M	381.0	6170	1.0	1.39
MODU555R	29-36.0371-90.1646-4-52-000	6.9	270	1.20	0.235	.	.	10400	.	M	.	M	-0.1	0.87
MODU556R	29-36.0718-90.1639-4-52-000	7.2	260	1.60	0.027	.	37.0	13200	.	M	320.0	2360	-0.1	0.10
MODU557R	29-36.1033-90.1640-4-52-000	7.4	340	2.40	0.578	.	.	12300	.	M	.	3570	-0.1	1.70
MODU558R	29-36.0977-90.1277-4-52-000	7.3	300	1.00	0.686	.	53.0	12200	59	M	199.0	5060	-0.1	2.29
MODU559R	29-36.1407-90.1277-4-52-000	7.1	320	2.00	0.001	.	32.0	10000	40	M	313.0	3290	-0.1	0.00
MODU560R	29-36.1904-90.1720-4-52-000	7.2	190	0.30	0.020	.	120.0	16400	.	M	70.0	8730	-0.1	0.11
MODU561R	29-36.1608-90.1990-4-52-000	6.8	200	0.60	0.005	.	93.0	11600	.	M	.	4430	0.4	0.03
MODU562R	29-36.1318-90.2357-4-52-000	6.7	180	0.26	-0.002	.	.	14300	.	M	29.0	5810	-0.1	M
MODU563R	29-36.1023-90.2511-4-52-000	6.7	420	2.50	1.186	.	29.0	15000	.	M	203.0	11520	-0.1	2.82
MODU564R	29-36.0764-90.2586-4-52-000	6.8	620	0.60	0.036	.	.	37200	.	M	66.0	28160	-0.1	0.06
MODU565R	29-36.0940-90.2782-4-52-000	6.8	120	0.38	-0.002	.	158.0	8700	50	M	67.0	4830	-0.1	M
MODU566R	29-36.0602-90.2767-4-52-000	6.9	380	2.00	0.016	.	39.0	11200	58	M	298.0	10150	-0.1	0.04
MODU567R	29-36.0672-90.3192-4-52-000	7.0	360	1.40	0.120	.	.	12900	.	M	1324.0	3730	-0.1	0.33
MODU568R	29-36.0381-90.3257-4-52-000	7.3	270	2.50	0.346	.	37.0	8700	82	M	233.0	3800	-0.1	1.28
MODU569R	29-36.0020-90.3526-4-52-000	7.5	170	1.40	0.118	.	25.0	7500	.	M	72.0	5840	-0.1	0.69
MODU570R	29-36.0049-90.3139-4-52-000	7.4	250	2.00	0.014	.	48.0	7400	63	M	168.0	3450	-0.1	0.06
MODU571R	29-36.0075-90.2697-4-52-000	7.2	360	2.40	0.257	.	.	17400	.	M	.	13750	-0.1	0.71
MODU572R	29-36.0236-90.2916-4-52-000	7.1	170	0.60	-0.002	.	.	10900	110	M	258.0	9150	-0.1	M
MODU573R	29-36.0309-90.2403-4-52-000	7.1	270	1.40	0.154	.	33.0	15900	.	M	129.0	5330	0.2	0.57
MODU574R	29-36.0252-90.2139-4-52-000	7.0	320	1.40	0.405	.	78.0	11600	33	M	302.0	4040	-0.1	1.27
MODU575R	29-36.0594-90.1948-4-52-000	7.2	350	2.10	0.289	.	12.0	13600	.	M	.	9700	-0.1	0.83
MODU576R	29-36.0923-90.1993-4-52-000	7.5	200	1.40	0.023	.	.	8500	64	M	128.0	3610	-0.1	0.12
MODU577R	29-36.1262-90.1985-4-52-000	7.1	220	0.65	-0.002	.	29.0	20000	.	M	.	4150	-0.1	M
MODU578R	29-36.1534-90.1724-4-52-000	6.7	150	0.60	0.031	.	71.0	10600	32	M	175.0	4660	-0.1	0.21
MODU579R	29-36.1638-90.1394-4-52-000	6.9	360	2.20	0.009	.	.	21600	.	M	.	8500	-0.1	0.03
MODU580R	29-36.1835-90.1340-4-52-000	6.9	340	1.20	0.042	.	.	13200	46	M	325.0	4320	-0.1	0.12

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MODU581R	29-36.0996-90.0900-4-52-000	6.7	270	1.90	0.078	.	.	14200	.	M	104.0	4730	-0.1	0.29
MODU582R	29-36.0900-90.0610-4-52-000	6.9	330	1.60	-0.002	.	72.0	12200	46	M	235.0	8500	-0.1	M
MODU583R	29-36.0584-90.0617-4-52-000	6.8	270	1.80	-0.002	.	.	9700	.	M	603.0	6340	0.2	M
MODU584R	29-36.0282-90.0473-4-52-000	6.7	270	1.30	-0.002	.	31.0	12300	84	M	206.0	7820	-0.1	M
MODU585R	29-36.0131-89.9857-4-52-000	6.7	400	2.40	-0.002	.	.	12500	.	M	.	7560	0.4	M
MODU586R	29-36.0466-89.9809-4-52-000	6.8	410	2.20	0.032	.	2152.0	11700	.	M	844.0	12680	-0.1	0.08
MODU587R	29-36.0301-90.0033-4-52-000	7.0	470	3.20	0.017	.	.	19600	.	M	.	13680	-0.1	0.04
MODU588R	29-36.0568-90.0109-4-52-000	6.9	390	3.00	-0.002	.	.	12900	.	M	.	12390	-0.1	M
MODU589R	29-36.0643-89.9802-4-52-000	6.9	350	2.50	0.351	.	10.0	17700	.	M	.	11580	-0.1	1.00
MODU590R	29-36.0917-89.9753-4-52-000	7.0	340	2.80	0.031	.	.	10400	.	M	.	6050	-0.1	0.09
MODU591R	29-36.1066-90.0229-4-52-000	6.8	330	1.80	0.019	.	.	17400	.	M	629.0	8180	-0.1	0.06
MODU592R	29-36.1324-90.0045-4-52-000	6.7	550	1.60	-0.002	.	.	55800	.	M	.	M	-0.1	M
MODU593R	29-36.1324-89.9762-4-52-000	6.8	280	1.40	-0.002	.	.	15100	.	M	388.0	11770	-0.1	M
MODU594R	29-36.1608-89.9774-4-52-000	6.9	200	1.20	-0.002	.	.	11300	.	M	.	M	-0.1	M
MODU595R	29-36.2627-90.0530-4-52-000	7.7	150	0.75	0.055	.	25.0	13500	.	M	123.0	6470	0.2	0.37
MODU596R	29-36.2143-90.0535-4-52-000	7.1	170	1.00	0.066	.	.	11100	.	M	.	5350	-0.1	0.39
MODU597R	29-36.2252-90.0172-4-52-000	6.7	350	1.40	0.035	.	.	M	.	M	.	M	-0.1	0.10
MODU598R	29-36.1962-90.0222-4-52-000	6.7	250	1.70	0.027	.	29.0	11000	.	M	350.0	10120	-0.1	0.11
MODU599R	29-36.1929-90.0566-4-52-000	6.6	130	0.50	-0.002	.	.	16000	.	M	.	5250	0.5	M
MODU600R	29-36.1833-90.0836-4-52-000	6.3	290	0.75	-0.002	.	998.0	34500	.	M	.	18920	0.2	M
MODU601R	29-36.1645-90.0925-4-52-000	6.6	110	0.20	-0.002	.	32.0	11600	.	M	122.0	5060	0.2	M
MODU602R	29-36.1645-90.0617-4-52-000	6.4	230	0.80	0.097	.	.	29500	.	M	152.0	9120	-0.1	0.42
MODU603R	29-36.1344-90.0848-4-52-000	6.3	140	0.60	-0.002	.	53.0	18400	.	M	136.0	7500	-0.1	M
MODU604R	29-36.1261-90.0464-4-52-000	6.6	380	2.80	-0.002	.	30.0	32000	.	M	.	11000	-0.1	M
MODU605R	29-36.1513-90.0052-4-52-000	6.6	320	0.45	-0.002	.	.	10700	.	M	.	7640	-0.1	M
MODU606R	29-36.1978-89.9677-4-52-000	6.7	320	1.00	0.011	.	.	11300	.	M	212.0	9050	-0.1	0.03
MODU607R	29-36.3246-90.0128-4-52-000	6.9	190	0.50	-0.002	.	37.0	15200	.	M	60.0	6370	0.2	M
MOHL501R	29-36.7678-91.8578-4-52-000	6.7	495	4.80	0.182	.	.	3100	33	M	257.0	5680	-0.1	0.37
MOHL502R	29-36.7640-91.8019-4-52-000	7.1	330	3.00	0.109	.	47.0	5300	13	M	215.0	5950	-0.1	0.33
MOHL503R	29-36.7675-91.7520-4-52-000	7.1	430	3.90	0.117	.	.	10300	.	M	238.0	5780	-0.1	0.27
MOHL504R	29-36.7706-91.7013-4-52-000	7.2	325	3.40	0.145	.	.	6100	13	M	219.0	5950	0.5	0.45
MOHL505R	29-36.7978-91.7367-4-52-000	7.2	400	4.80	0.125	.	.	9600	12	M	235.0	5960	-0.1	0.31
MOHL506R	29-36.8480-91.6841-4-52-000	7.3	480	4.80	0.072	.	.	11300	.	M	219.0	5490	0.5	0.15
MOHL507R	29-36.8453-91.7487-4-52-000	7.2	390	4.40	0.158	.	.	6000	33	M	226.0	5370	0.5	0.41
MOHL508R	29-36.8049-91.7980-4-52-000	7.1	460	3.20	0.137	.	.	17300	.	M	236.0	8020	-0.1	0.30
MOHL509R	29-36.8059-91.8717-4-52-000	7.1	495	4.10	0.187	.	47.0	16700	.	M	230.0	8580	-0.1	0.38
MOHL510R	29-36.8013-91.9106-4-52-000	7.2	380	4.80	0.123	.	.	5700	20	M	230.0	5450	-0.1	0.32
MOHL511R	29-36.8013-91.9851-4-52-000	7.2	420	4.70	0.192	.	.	5000	15	M	218.0	5160	0.3	0.46
MOHL512R	29-36.8066-92.0307-4-52-000	7.2	430	3.80	1.034	.	.	5300	12	M	228.0	5390	-0.1	2.40
MOHL513R	29-36.8110-92.0707-4-52-000	7.2	490	5.00	0.205	.	.	7700	20	M	248.0	5470	-0.1	0.42
MOHL514R	29-36.8659-92.0578-4-52-000	6.6	460	4.00	0.483	.	.	11300	.	M	230.0	5990	-0.1	1.05
MOHL515R	29-36.9123-92.0913-4-53-000	7.1	390	5.40	0.497	.	30.0	5500	34	M	.	5470	0.3	1.27
MOHL516R	29-36.9023-91.6935-4-52-000	6.9	370	3.00	0.437	.	30.0	7100	22	M	198.0	5780	-0.1	1.18
MOHL517R	29-36.9567-91.6841-4-52-000	7.3	275	2.50	0.130	.	36.0	4900	25	M	169.0	5230	-0.1	0.47
MOHL518R	29-36.9807-91.6962-4-52-000	7.2	410	4.30	0.366	.	38.0	6700	.	M	203.0	5460	0.3	0.89
MOHL519R	29-37.0335-91.6734-4-52-000	7.4	410	4.10	0.305	.	.	4400	18	M	207.0	5320	0.3	0.74
MOHL520R	29-37.0411-91.7402-4-52-000	7.5	330	3.40	0.107	.	30.0	7100	19	M	.	6320	-0.1	0.32
MOHL521R	29-37.0213-91.7795-4-52-000	7.3	335	3.00	0.561	.	.	7600	13	M	172.0	5890	-0.1	1.67
MOHL522R	29-36.9981-91.8001-4-52-000	7.6	300	3.70	0.137	.	.	5300	20	M	173.0	4820	0.5	0.46
MOHL523R	29-36.9953-91.7416-4-52-000	7.7	305	3.20	0.180	.	.	6100	21	M	178.0	5480	0.3	0.59
MOHL524R	29-36.9480-91.7607-4-52-000	7.5	390	4.40	0.676	.	.	4600	24	M	201.0	5310	0.5	1.73
MOHL525R	29-36.9238-91.8072-4-52-000	7.6	399	4.30	0.163	.	.	5200	13	M	196.0	5450	0.3	0.41
MOHL526R	29-36.9117-91.7498-4-52-000	7.7	350	3.50	0.304	.	.	4600	24	M	181.0	5310	0.5	0.87

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U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOHL527R	29-36.8885-91.7985-4-52-000	7.7	370	3.50	0.195	.	.	10100	32	M	182.0	8310	-0.1	0.53
MOHL528R	29-36.8954-91.8600-4-52-000	7.5	600	4.90	1.396	.	.	27600	.	M	350.0	15470	-0.1	2.33
MOHL529R	29-36.8497-91.8179-4-52-000	7.5	450	4.00	0.585	.	.	6300	14	M	222.0	6810	-0.1	1.30
MOHL530R	29-36.8494-91.8616-4-52-000	7.8	290	3.10	0.209	.	44.0	5600	.	M	182.0	5950	0.3	0.72
MOHL531R	29-36.8511-91.9529-4-52-000	7.7	400	4.60	0.155	.	.	7000	.	M	193.0	6060	-0.1	0.39
MOHL532R	29-36.8643-91.9137-4-52-000	7.3	320	3.30	0.127	.	23.0	7400	.	M	170.0	7680	-0.1	0.40
MOHL533R	29-36.8789-92.0107-4-52-000	7.5	335	3.50	0.146	.	43.0	5100	28	M	188.0	6310	0.5	0.44
MOHL534R	29-36.9112-91.9557-4-52-000	7.9	230	2.70	0.118	.	828.0	5300	15	M	186.0	5770	-0.1	0.51
MOHL535R	29-36.8973-91.9176-4-52-000	7.8	330	3.40	0.099	.	.	4000	19	M	178.0	6010	-0.1	0.30
MOHL536R	29-36.9451-91.8669-4-52-000	7.5	420	5.00	0.344	.	.	5500	21	M	216.0	6170	-0.1	0.82
MOHL537R	29-36.9463-91.8952-4-52-000	7.8	265	2.50	0.143	.	27.0	4200	28	M	164.0	6280	-0.1	0.54
MOHL538R	29-36.9493-91.9570-4-52-000	7.6	330	3.00	0.145	.	25.0	5800	.	M	178.0	7090	0.3	0.44
MOHL539R	29-36.9519-91.9993-4-52-000	7.5	325	3.00	0.226	.	.	6200	.	M	.	6650	0.2	0.70
MOHL540R	29-36.9678-91.9790-4-52-000	7.7	320	3.20	0.157	.	985.0	4700	35	M	181.0	6350	-0.1	0.49
MOHL541R	29-36.9530-92.0665-4-52-000	7.4	305	0.96	0.028	.	17.0	15800	63	M	122.0	15190	0.6	0.09
MOHL542R	29-36.9966-92.0515-4-53-000	7.5	350	3.80	0.163	.	13.0	5200	37	M	182.0	6300	0.3	0.47
MOHL543R	29-36.9922-92.0156-4-52-000	7.1	700	4.80	0.578	.	.	25500	26	M	350.0	18520	-0.1	0.83
MOHL544R	29-37.0259-92.0807-4-52-000	7.7	400	3.40	0.168	.	.	9000	23	M	188.0	7670	-0.1	0.42
MOHL545R	29-37.0466-92.0099-4-52-000	7.7	380	3.50	0.366	.	.	11200	.	M	185.0	7740	-0.1	0.96
MOHL546R	29-37.0358-91.9709-4-52-000	7.7	280	2.80	0.181	.	.	3300	15	M	.	6170	0.3	0.65
MOHL547R	29-36.9935-91.9272-4-52-000	7.7	330	3.10	0.036	.	9.0	2700	20	M	152.0	6980	-0.1	0.11
MOHL548R	29-37.0264-91.8996-4-52-000	7.6	320	3.50	0.121	.	.	5300	49	M	194.0	7200	0.5	0.38
MOHL549R	29-36.9825-91.8655-4-52-000	6.6	420	3.90	0.530	.	.	6600	30	M	218.0	6930	-0.1	1.26
MOHL552R	29-36.6348-91.6878-4-52-000	7.1	410	3.90	0.155	.	51.0	6700	42	M	.	7440	-0.1	0.38
MOHL553R	29-36.6703-91.6953-4-52-000	7.1	450	4.30	0.141	.	31.0	6000	42	M	191.0	6300	-0.1	0.31
MOHL554R	29-36.7203-91.7020-4-52-000	7.7	390	4.30	0.125	.	.	4700	47	M	184.0	6320	-0.1	0.32
MOHL555R	29-36.7137-91.7402-4-52-000	7.7	500	5.30	0.411	.	.	5900	76	M	.	5850	0.4	0.82
MOHL556R	29-36.7107-91.7958-4-52-000	7.5	650	6.50	0.090	.	61.0	9000	34	M	370.0	11290	1.3	0.14
MOHL557R	29-36.7125-91.8623-4-52-000	8.1	270	2.90	0.186	.	.	4600	15	M	158.0	5730	-0.1	0.69
MOHL558R	29-36.6762-91.8639-4-52-000	7.8	480	5.70	0.116	.	.	4600	33	M	182.0	6120	-0.1	0.24
MOHL559R	29-36.6699-91.8062-4-52-000	7.7	465	4.80	0.267	.	.	4200	35	M	208.0	6130	-0.1	0.57
MOHL560R	29-36.6262-91.7500-4-52-000	8.0	440	4.40	0.152	.	.	3200	134	M	188.0	5930	0.5	0.35
MOHL561R	29-36.6689-91.7566-4-52-000	8.0	370	4.20	0.045	.	34.0	3000	25	M	173.0	6080	0.4	0.12
MOHL562R	29-36.5282-91.6924-4-52-000	7.0	650	6.00	0.160	.	45.0	8600	175	M	334.0	11100	-0.1	0.25
MOHL563R	29-36.5797-91.6958-4-52-000	7.4	390	4.00	0.168	.	.	2900	34	M	.	5660	-0.1	0.43
MOHL564R	29-36.5742-91.7608-4-52-000	7.3	450	5.00	0.267	.	.	3400	35	M	182.0	6060	0.6	0.59
MOHL565R	29-36.5304-91.7555-4-52-000	7.3	700	6.40	0.387	.	.	12500	55	M	366.0	11150	-0.1	0.55
MOHL566R	29-36.5285-91.7985-4-52-000	7.5	650	5.90	0.299	.	.	19600	.	M	312.0	15890	0.5	0.46
MOHL567R	29-36.5725-91.8022-4-52-000	7.4	450	5.10	0.192	.	.	3900	39	M	218.0	5930	-0.1	0.43
MOHL568R	29-36.6074-91.8156-4-52-000	5.4	70	0.20	0.037	.	20.0	6600	57	M	114.0	6600	-0.1	0.53
MOHL569R	29-36.6178-91.8607-4-52-000	7.0	400	3.40	0.108	.	.	8800	.	M	189.0	6900	-0.1	0.27
MOHL570R	29-36.5852-91.8548-4-52-000	7.1	470	5.60	0.244	.	28.0	4400	17	M	210.0	6140	0.7	0.52
MOHL571R	29-36.6264-91.8989-4-52-000	7.2	410	3.50	0.723	.	.	3400	14	M	201.0	6220	-0.1	1.76
MOHL572R	29-36.5774-91.9250-4-52-000	7.3	440	5.20	0.214	.	.	3800	24	M	209.0	5860	-0.1	0.49
MOHL573R	29-36.5186-91.9139-4-52-000	7.2	490	6.40	0.307	.	2383.0	4200	32	M	189.0	5870	0.2	0.63
MOHL574R	29-36.5202-91.8432-4-52-000	7.3	490	5.90	0.125	.	.	2800	17	M	214.0	5890	-0.1	0.26
MOHL575R	29-36.5202-91.9603-4-52-000	6.8	550	5.00	0.339	.	.	12800	25	M	350.0	12880	0.5	0.62
MOHL576R	29-36.5783-91.9738-4-52-000	7.1	390	4.80	0.396	.	.	5200	30	M	.	6890	-0.1	1.02
MOHL577R	29-36.6263-91.9645-4-53-000	7.2	310	3.50	0.283	.	38.0	5400	44	M	172.0	7050	0.2	0.91
MOHL578R	29-36.6648-91.9242-4-52-000	7.1	470	5.00	0.632	.	.	4600	39	M	193.0	6280	-0.1	1.34
MOHL579R	29-36.7414-91.9126-4-52-000	7.0	600	6.80	0.202	.	.	7200	49	M	339.0	11860	0.4	0.34
MOHL580R	29-36.7464-91.9739-4-52-000	7.3	490	3.90	0.320	.	12.0	10700	.	M	214.0	10250	0.4	0.65
MOHL581R	29-36.7477-92.0162-4-52-000	7.3	380	4.80	0.461	.	34.0	3600	15	M	.	6900	-0.1	1.21

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOHL582R	29-36.7553-92.0840-4-52-000	7.4	480	5.30	0.129	.	.	3700	23	M	210.0	6250	0.5	0.27
MOHL583R	29-36.7079-92.0780-4-52-000	7.4	460	4.80	0.163	.	.	3200	25	M	203.0	6360	-0.1	0.35
MOHL584R	29-36.6688-92.0778-4-52-000	7.3	450	4.50	0.293	.	42.0	4700	.	M	184.0	6360	0.1	0.65
MOHL585R	29-36.6131-92.0201-4-52-000	7.4	450	5.00	0.240	.	.	5200	15	M	198.0	6590	0.6	0.53
MOHL586R	29-36.5786-92.0189-4-52-000	7.9	370	3.40	0.244	.	46.0	7700	33	M	179.0	7530	0.4	0.66
MOHL587R	29-36.5243-92.0238-4-52-000	7.7	430	4.20	0.123	.	.	18800	.	M	181.0	9570	-0.1	0.29
MOHL588R	29-36.7192-91.9199-4-52-000	7.6	400	4.50	0.109	.	.	4900	44	M	202.0	6850	0.4	0.27
MOHL589R	29-36.7092-91.9729-4-52-000	7.4	370	3.50	0.078	.	.	4300	54	M	182.0	6190	0.5	0.21
MOHL590R	29-36.7039-92.0341-4-52-000	7.5	520	6.00	0.523	.	72.0	6900	.	M	296.0	11990	0.7	1.01
MOHL591R	29-36.6586-92.0322-4-52-000	7.2	650	6.20	3.640	.	68.0	9500	57	M	342.0	12990	-0.1	5.60
MOHL592R	29-36.6260-92.0610-4-52-000	7.6	710	4.90	0.849	.	675.0	7100	32	M	334.0	12060	-0.1	1.20
MOHL593R	29-36.5862-92.0954-4-52-000	7.6	410	5.10	0.190	.	.	3900	20	M	197.0	6470	-0.1	0.44
MOHL594R	29-36.5198-92.0959-4-52-000	7.6	500	5.20	0.882	.	.	8400	49	M	215.0	8650	-0.1	1.76
MOHL595R	29-36.6671-91.9803-4-52-000	7.4	470	5.00	0.257	.	.	4700	39	M	223.0	6250	-0.1	0.55
MOHL596R	29-36.6543-91.7764-4-52-000	7.8	375	4.80	0.056	.	36.0	5500	37	M	.	6710	-0.1	0.15
MOHL597R	29-36.6436-91.7341-4-52-000	7.1	110	0.06	0.143	.	28.0	7000	55	M	184.0	9020	0.7	1.30
MOHL598R	29-36.6181-91.7226-4-52-000	7.1	345	3.70	0.104	.	27.0	6300	22	M	192.0	7580	-0.1	0.30
MOHL599R	29-36.6084-91.6951-4-52-000	7.6	315	3.20	0.047	.	24.0	4900	37	M	184.0	6150	0.7	0.15
MOHL600R	29-36.7450-91.8903-4-52-000	7.0	650	7.80	0.511	.	.	14300	26	M	391.0	13110	-0.1	0.79
MOHL601R	29-36.7709-91.8912-4-52-000	7.3	460	4.80	0.082	.	49.0	7100	33	M	.	6500	0.4	0.18
MOHL602R	29-36.7709-91.9352-4-52-000	7.4	335	4.00	0.091	.	.	6100	49	M	184.0	6730	-0.1	0.27
MOHL603R	29-36.7755-91.9592-4-52-000	7.2	505	5.20	0.075	.	33.0	9900	33	M	322.0	12830	0.8	0.15
MOHL604R	29-36.7746-92.0107-4-52-000	7.0	250	2.50	0.063	.	17.0	5400	44	M	166.0	6910	-0.1	0.25
MOHL605R	29-36.7457-92.0455-4-52-000	7.4	370	4.60	0.370	.	.	5000	26	M	221.0	6330	0.6	1.00
MOHL606R	29-36.8330-91.9132-4-52-000	7.4	490	4.00	0.129	.	.	11000	30	M	198.0	8640	-0.1	0.26
MOHL607R	29-36.9324-91.9274-4-52-000	7.5	370	3.60	0.154	.	.	9200	35	M	200.0	7150	-0.1	0.42
MOHL608R	29-36.9701-91.9082-4-52-000	7.7	310	3.40	0.116	.	37.0	4700	26	M	102.0	41970	0.9	0.37
MOHL609R	29-36.9745-91.8395-4-52-000	7.3	440	4.40	0.190	.	61.0	5500	24	M	208.0	11930	-0.1	0.43
MOHL610R	29-36.9580-91.8038-4-52-000	7.5	320	3.20	0.303	.	.	4200	26	M	266.0	7890	0.3	0.95
MOHL611R	29-36.9974-91.7533-4-52-000	7.3	140	0.80	0.151	.	43.0	6700	32	M	121.0	8730	0.5	1.08
MOHL612R	29-36.9976-91.8286-4-52-000	7.4	340	3.80	0.071	.	37.0	4600	24	M	180.0	6660	0.3	0.21
MOHL613R	29-36.7155-91.9975-4-52-000	7.4	415	4.40	0.103	.	20.0	4000	34	M	.	6300	-0.1	0.25
MOHL614R	29-36.6913-91.9766-4-52-000	7.3	405	3.80	0.127	.	.	6300	.	M	.	6960	-0.1	0.31
MOHL615R	29-36.6765-92.0112-4-53-000	7.0	340	4.00	0.226	.	.	4400	21	M	205.0	7100	-0.1	0.66
MOHL616R	29-36.6492-92.0102-4-52-000	7.2	510	4.60	0.240	.	.	11700	56	M	348.0	12790	-0.1	0.47
MOHL617R	29-36.6144-92.0462-4-52-000	7.3	410	4.20	0.124	.	.	5900	18	M	187.0	7420	0.4	0.30
MOHL618R	29-36.6496-92.0832-4-52-000	7.1	490	4.30	0.140	.	16.0	9400	.	M	.	8510	0.4	0.29
MOHL619R	29-36.6911-92.0911-4-52-000	7.7	330	2.70	1.008	.	2770.0	7500	41	M	179.0	7820	0.3	3.05
MOHL620R	29-36.6834-92.0574-4-52-000	7.5	350	3.10	0.263	.	.	4800	28	M	179.0	6540	-0.1	0.75
MOHL621R	29-36.5208-91.8864-4-52-000	7.2	500	3.00	0.169	.	43.0	10000	41	M	316.0	12520	0.5	0.34
MOHL622R	29-36.5455-91.9389-4-52-000	7.3	400	3.10	0.248	.	4515.0	4700	34	M	194.0	6520	0.3	0.62
MOHL623R	29-36.5448-91.8883-4-52-000	7.3	480	4.80	0.167	.	.	3500	25	M	203.0	6450	-0.1	0.35
MOHL624R	29-36.5863-91.8830-4-52-000	7.3	460	3.60	0.217	.	.	5200	30	M	.	6480	-0.1	0.47
MOHL625R	29-36.6263-91.9315-4-52-000	7.5	370	3.40	0.116	.	30.0	4300	31	M	180.0	6830	0.2	0.31
MOHL626R	29-36.6790-91.8926-4-52-000	7.1	255	2.30	0.032	.	58.0	6800	49	M	144.0	7490	0.2	0.13
MOHL627R	29-36.6515-91.9006-4-52-000	7.3	480	4.10	0.221	.	.	13100	17	M	190.0	9450	0.5	0.46
MOHL628R	29-36.6486-91.8500-4-52-000	7.2	440	2.00	0.095	.	.	10100	58	M	180.0	9420	0.4	0.22
MOHL629R	29-36.7106-91.7699-4-52-000	7.4	422	3.50	0.472	.	.	6200	.	M	214.0	7350	-0.1	1.12
MOHL630R	29-36.7430-91.6862-4-52-000	7.2	460	5.10	1.011	.	.	3900	73	M	.	6830	-0.1	2.20
MOHL631R	29-36.7404-91.7345-4-52-000	7.1	505	4.50	0.436	.	.	14600	20	M	462.0	15110	1.1	0.86
MOHL632R	29-36.7381-91.7615-4-52-000	7.4	348	3.30	0.041	.	56.0	4300	18	M	144.0	7420	-0.1	0.12
MOHL633R	29-36.9078-91.8627-4-52-000	7.4	485	3.00	0.121	.	.	3800	.	M	140.0	7100	-0.1	0.25
MOHL634R	29-36.8671-91.8258-4-52-000	7.3	505	4.00	0.109	.	67.0	10000	.	M	287.0	15210	-0.1	0.22

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 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOHL635R	29-36.8687-91.8013-4-52-000	7.4	415	3.90	0.042	.	12.0	6400	.	M	154.0	8170	-0.1	0.10
MOHL636R	29-36.8748-91.7441-4-52-000	7.5	420	4.10	0.074	.	.	4200	.	M	145.0	7590	-0.1	0.18
MOHL637R	29-36.8771-91.7205-4-53-000	7.8	210	1.60	0.081	.	.	3300	.	M	125.0	6880	-0.1	0.39
MOHL638R	29-36.9315-91.7160-4-52-000	7.6	350	3.50	0.066	.	24.0	2700	17	M	141.0	7320	-0.1	0.19
MOHL639R	29-36.9293-91.6816-4-52-000	7.5	335	2.60	0.083	.	.	4700	22	M	138.0	7640	0.5	0.25
MOHL640R	29-36.9172-91.6743-4-52-000	7.4	465	3.20	0.067	.	49.0	11300	15	M	161.0	8400	-0.1	0.14
MOHL641R	29-36.8376-91.7315-4-52-000	7.4	475	4.40	0.078	.	10.0	5200	27	M	151.0	8180	0.4	0.16
MOIR501R	29-37.3800-90.5724-4-53-000	7.2	176	2.20	0.055	.	.	7500	244	M	172.0	9750	1.1	0.31
MOIR502R	29-37.3257-90.5612-4-52-000	7.1	416	3.10	0.253	.	35.0	10700	85	M	268.0	11190	-0.1	0.61
MOIR503R	29-37.3330-90.5996-4-52-000	7.7	218	4.40	0.098	.	81.0	7700	135	M	212.0	9850	-0.1	0.45
MOIR504R	29-37.2947-90.6056-4-52-000	7.4	580	2.50	0.202	.	247.0	51200	.	M	351.0	40400	1.0	0.35
MOIR505R	29-37.2988-90.5666-4-52-000	7.4	329	4.10	0.202	.	98.0	10600	.	M	207.0	10970	-0.1	0.61
MOIR506R	29-37.2944-90.6402-4-52-000	7.5	250	3.30	0.096	.	.	5000	21	M	200.0	10410	-0.1	0.38
MOIR507R	29-37.3003-90.6822-4-52-000	7.8	331	4.00	0.162	.	51.0	6900	179	M	193.0	16180	-0.1	0.49
MOIR508R	29-37.6033-90.5583-4-52-000	7.6	468	3.30	0.195	.	20.0	6900	97	M	241.0	13460	0.6	0.42
MOIR509R	29-37.5783-90.5813-4-52-000	7.4	270	2.80	0.037	.	62.0	5200	23	M	189.0	11810	-0.1	0.14
MOIR510R	29-37.5550-90.5537-4-52-000	7.4	190	2.80	0.446	.	37.0	6500	832	M	142.0	15300	-0.1	2.35
MOIR511R	29-37.5264-90.5707-4-52-000	7.5	370	2.10	0.232	.	176.0	13400	.	M	211.0	13440	-0.1	0.63
MOIR512R	29-37.5473-90.6054-4-52-000	6.9	168	2.50	0.019	.	98.0	7800	.	M	184.0	11380	0.2	0.11
MOIR513R	29-37.5145-90.6190-4-52-000	7.1	351	2.70	0.112	.	25.0	7100	.	M	201.0	11040	-0.1	0.32
MOIR514R	29-37.4879-90.5957-4-52-000	7.5	341	4.30	0.123	.	42.0	6400	36	M	200.0	11070	-0.1	0.36
MOIR515R	29-37.4453-90.5803-4-52-000	7.7	341	3.80	0.113	.	42.0	5900	.	M	186.0	11420	-0.1	0.33
MOIR516R	29-37.4086-90.5919-4-53-000	7.5	291	3.20	0.053	.	34.0	8000	22	M	183.0	11290	-0.1	0.18
MOIR517R	29-37.3819-90.6095-4-52-000	7.6	331	3.10	0.093	.	113.0	6100	.	M	159.0	11720	-0.1	0.28
MOIR518R	29-37.3718-90.6535-4-52-000	7.1	220	3.20	0.017	.	.	24800	.	M	128.0	21510	-0.1	0.08
MOIR519R	29-37.3257-90.6729-4-53-000	7.5	203	0.50	0.049	.	60.0	6600	.	M	148.0	11260	0.5	0.24
MOIR520R	29-37.2941-90.7112-4-52-000	7.7	241	2.60	0.065	.	.	5900	.	M	153.0	10770	0.5	0.27
MOIR521R	29-37.3162-90.7357-4-52-000	7.6	386	3.20	0.101	.	50.0	6100	17	M	174.0	11710	-0.1	0.26
MOIR522R	29-37.3658-90.7126-4-52-000	7.6	312	4.00	0.113	.	75.0	6200	.	M	180.0	11150	-0.1	0.36
MOIR523R	29-37.3950-90.7379-4-52-000	7.6	262	3.20	0.052	.	57.0	6500	.	M	167.0	10710	-0.1	0.20
MOIR524R	29-37.3701-90.6869-4-52-000	7.4	291	3.60	0.124	.	66.0	7700	.	M	188.0	13230	-0.1	0.43
MOIR525R	29-37.3835-90.6946-4-52-000	7.3	419	3.90	0.192	.	.	6400	.	M	185.0	11010	0.5	0.46
MOIR526R	29-37.4237-90.7000-4-52-000	7.6	278	5.10	0.165	.	81.0	7300	.	M	191.0	11290	-0.1	0.59
MOIR527R	29-37.4557-90.6727-4-53-000	7.5	176	2.90	0.048	.	23.0	6500	.	M	142.0	11530	-0.1	0.27
MOIR528R	29-37.4555-90.6323-4-52-000	7.2	225	3.00	0.050	.	30.0	6000	.	M	160.0	11150	0.4	0.22
MOIR529R	29-37.4217-90.7235-4-52-000	7.8	200	1.70	0.071	.	62.0	5600	.	M	169.0	11240	-0.1	0.36
MOIR530R	29-37.4612-90.7210-4-52-000	7.9	219	1.80	0.117	.	30.0	7500	.	M	182.0	11400	-0.1	0.53
MOIR531R	29-37.4681-90.7594-4-52-000	7.9	254	2.10	0.065	.	32.0	5000	27	M	167.0	11590	0.8	0.26
MOIR532R	29-37.4957-90.6973-4-52-000	7.7	241	2.20	0.031	.	147.0	10700	120	M	116.0	12400	0.4	0.13
MOIR533R	29-37.5159-90.7223-4-52-000	7.4	153	2.40	0.098	.	55.0	6800	96	M	198.0	11970	-0.1	0.64
MOIR534R	29-37.5374-90.7469-4-52-000	6.4	121	1.20	0.022	.	44.0	5500	1037	M	110.0	15840	-0.1	0.18
MOIR535R	29-37.5188-90.6995-4-52-000	7.4	253	2.00	0.122	.	.	6300	27	M	167.0	12240	-0.1	0.48
MOIR536R	29-37.5655-90.6763-4-52-000	7.4	326	3.10	0.053	.	40.0	5400	38	M	201.0	11460	0.5	0.16
MOIR537R	29-37.5684-90.6497-4-52-000	7.1	361	4.30	0.110	.	55.0	7000	20	M	182.0	12190	0.5	0.30
MOIR538R	29-37.5522-90.6372-4-52-000	7.3	328	4.00	0.128	.	43.0	7100	151	M	191.0	13000	0.3	0.39
MOIR539R	29-37.5309-90.6278-4-52-000	7.4	400	3.80	0.149	.	48.0	15000	412	M	215.0	18140	-0.1	0.37
MOIR540R	29-37.5799-90.6016-4-52-000	7.4	360	4.70	0.161	.	66.0	6800	.	M	192.0	12620	-0.1	0.45
MOIR541R	29-37.5959-90.6765-4-52-000	7.9	208	1.90	0.122	.	86.0	8000	143	M	45.0	9990	-0.1	0.59
MOIR542R	29-37.5993-90.7142-4-52-000	7.8	133	1.60	0.045	.	76.0	5700	30	M	43.0	8750	-0.1	0.34
MOIR543R	29-37.6063-90.6059-4-52-000	7.4	238	1.90	0.076	.	41.0	7400	259	M	61.0	9340	-0.1	0.32
MOIR544R	29-37.6198-90.6524-4-52-000	7.3	220	1.90	0.173	.	86.0	6900	68	M	89.0	8520	-0.1	0.79
MOIR545R	29-37.6467-90.6609-4-52-000	7.5	297	1.70	0.186	.	54.0	6900	79	M	31.0	7910	-0.1	0.63
MOIR546R	29-37.6441-90.6864-4-52-000	7.4	108	1.50	0.020	.	56.0	7400	.	M	51.0	8670	-0.1	0.19

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HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOIR547R	29-37.6035-90.7873-4-52-000	7.3	149	0.80	0.151	.	.	5700	43	M	117.0	7330	-0.1	1.01
MOIR548R	29-37.6257-90.7438-4-52-000	7.3	471	3.00	0.156	.	73.0	7900	.	M	43.0	7150	-0.1	0.33
MOIR549R	29-37.6757-90.6966-4-52-000	7.5	620	3.60	0.477	.	110.0	15900	81	M	91.0	33460	-0.1	0.77
MOIR550R	29-37.7033-90.6688-4-52-000	7.4	610	5.70	0.224	.	236.0	15700	59	M	106.0	18710	-0.1	0.37
MOIR551R	29-37.6852-90.7393-4-52-000	7.5	390	3.50	0.109	.	58.0	7400	.	M	58.0	8320	-0.1	0.28
MOIR552R	29-37.6425-90.8024-4-52-000	7.6	392	3.40	0.144	.	50.0	8500	.	M	54.0	8130	-0.1	0.37
MOIR553R	29-37.6175-90.8298-4-52-000	7.7	304	2.30	0.205	.	35.0	4800	404	M	36.0	12200	-0.1	0.67
MOIR554R	29-37.6530-90.7663-4-53-000	7.5	71	2.00	0.015	.	52.0	6600	.	M	48.0	7330	-0.1	0.21
MOIR555R	29-37.7027-90.7456-4-52-000	7.5	540	2.20	0.161	.	44.0	12800	.	M	55.0	15820	-0.1	0.30
MOIR556R	29-37.7109-90.7855-4-52-000	7.3	800	2.60	0.297	.	309.0	27900	.	M	41.0	27620	-0.1	0.37
MOIR557R	29-37.6938-90.7810-4-52-000	7.5	415	9.00	0.153	.	73.0	7600	29	M	57.0	8520	-0.1	0.37
MOIR558R	29-37.6932-90.8016-4-52-000	7.3	560	3.80	0.177	.	66.0	10000	21	M	98.0	14840	-0.1	0.32
MOIR559R	29-37.7101-90.8182-4-52-000	7.7	475	5.10	0.287	.	36.0	8800	120	M	36.0	9070	-0.1	0.60
MOIR560R	29-37.6967-90.8377-4-52-000	7.5	475	5.70	0.215	.	38.0	6800	31	M	38.0	8300	-0.1	0.45
MOIR561R	29-37.6721-90.8885-4-52-000	7.6	290	3.70	0.047	.	75.0	5500	185	M	70.0	16200	-0.1	0.16
MOIR562R	29-37.6434-90.9121-4-52-000	7.7	230	3.50	0.051	.	42.0	6200	.	M	45.0	7200	-0.1	0.22
MOIR563R	29-37.6073-90.9225-4-52-000	7.7	265	2.90	0.037	.	.	4800	14	M	93.0	6590	-0.1	0.14
MOIR564R	29-37.6157-90.9645-4-52-000	7.7	235	2.60	0.173	.	16.0	7300	28	M	50.0	8190	-0.1	0.74
MOIR565R	29-37.6368-90.9684-4-53-000	7.8	210	2.20	0.036	.	46.0	3800	.	M	78.0	6640	-0.1	0.17
MOIR566R	29-37.6976-90.9688-4-52-000	7.5	410	2.60	0.078	.	.	5300	.	M	50.0	6730	-0.1	0.19
MOIR567R	29-37.6806-90.9975-4-53-000	7.6	240	3.20	0.094	.	.	4600	.	M	91.0	6910	-0.1	0.39
MOIR568R	29-37.6773-91.0367-4-52-000	7.6	265	2.90	0.143	.	54.0	6800	21	M	41.0	7250	-0.1	0.54
MOIR569R	29-37.7136-91.0507-4-53-000	7.5	265	3.10	0.103	.	43.0	5800	.	M	43.0	6690	-0.1	0.39
MOIR570R	29-37.6422-91.0386-4-52-000	7.5	407	3.20	0.130	.	27.0	6300	.	M	89.0	8000	-0.1	0.32
MOIR571R	29-37.6055-91.0189-4-52-000	7.8	241	2.50	0.060	.	52.0	4100	.	M	86.0	6890	0.3	0.25
MOIR572R	29-37.6332-91.0058-4-53-000	7.8	270	2.50	0.059	.	41.0	3900	9	M	95.0	6690	-0.1	0.22
MOIR573R	29-37.6556-91.1072-4-52-000	7.5	490	2.90	0.189	.	25.0	10400	13	M	58.0	10850	-0.1	0.39
MOIR574R	29-37.6455-91.0950-4-52-000	7.7	295	3.50	0.143	.	53.0	6400	.	M	54.0	7230	-0.1	0.48
MOIR575R	29-37.6832-91.1264-4-52-000	7.6	400	3.30	0.097	.	96.0	8600	.	M	53.0	7410	0.3	0.24
MOIR576R	29-37.7200-91.1403-4-52-000	7.6	460	4.50	0.100	.	98.0	14500	.	M	45.0	8310	-0.1	0.22
MOIR577R	29-37.7297-91.1277-4-52-000	7.3	570	4.10	0.115	.	27.0	5400	.	M	66.0	6760	-0.1	0.20
MOIR578R	29-37.7152-91.1002-4-52-000	7.3	402	4.60	0.065	.	85.0	8500	.	M	53.0	8820	-0.1	0.16
MOIR579R	29-37.6053-91.1248-4-52-000	7.7	280	2.30	0.088	.	26.0	5600	265	M	78.0	12670	-0.1	0.31
MOLW501R	29-37.0747-94.0355-4-52-000	6.8	600	5.90	0.544	.	143.0	26600	.	M	53.0	10570	0.9	0.91
MOLW502R	29-37.0730-93.9869-4-52-000	8.0	250	2.50	0.164	.	.	3400	48	M	31.0	3460	-0.1	0.66
MOLW503R	29-37.0687-93.9532-4-52-000	7.7	385	3.40	-0.002	.	45.0	3200	97	M	28.0	6130	-0.1	M
MOLW504R	29-37.0723-93.9152-4-52-000	7.9	315	3.10	-0.002	.	108.0	4900	650	M	33.0	16760	-0.1	M
MOLW505R	29-37.0741-93.8603-4-52-000	7.2	300	2.00	0.125	.	86.0	10300	35	M	18.0	5020	-0.1	0.42
MOLW506R	29-37.0782-93.8393-4-52-000	7.8	390	2.20	0.457	.	121.0	20100	55	M	41.0	6420	-0.1	1.17
MOLW507R	29-37.0427-93.8684-4-52-000	7.3	240	2.20	-0.002	.	34.0	3800	358	M	29.0	6620	-0.1	M
MOLW508R	29-37.0423-93.9051-4-52-000	7.4	260	1.30	0.243	.	87.0	3100	.	M	43.0	7370	-0.1	0.93
MOLW509R	29-37.0440-93.9512-4-52-000	7.7	330	1.80	-0.002	.	56.0	4800	370	M	35.0	11090	-0.1	M
MOLW510R	29-37.0482-94.0027-4-52-000	7.3	330	2.50	-0.002	.	55.0	10300	30	M	53.0	6270	-0.1	M
MOLW511R	29-37.0404-94.0297-4-52-000	7.5	390	2.60	-0.002	.	83.0	11500	204	M	41.0	12530	-0.1	M
MOLW512R	29-37.0201-94.0389-4-52-000	7.5	400	3.80	-0.002	.	82.0	3900	46	M	65.0	6240	0.3	M
MOLW513R	29-37.0179-93.9928-4-52-000	7.6	415	4.00	-0.002	.	55.0	2900	.	M	45.0	6490	0.3	M
MOLW514R	29-37.0141-93.9478-4-52-000	7.9	265	2.20	0.177	.	25.0	3600	626	M	41.0	17400	-0.1	0.67
MOLW515R	29-37.0159-93.9168-4-52-000	7.6	550	3.70	-0.002	.	163.0	27100	255	M	94.0	23380	-0.1	M
MOLW516R	29-37.0129-93.8666-4-52-000	7.7	310	3.20	0.378	.	67.0	10100	46	M	49.0	7360	0.5	1.22
MOLW517R	29-37.0205-93.8223-4-52-000	7.4	370	3.50	0.313	.	127.0	13500	19	M	47.0	6200	0.5	0.85
MOLW518R	29-37.0423-93.8359-4-52-000	7.4	380	2.70	0.172	.	59.0	8400	115	M	52.0	5660	-0.1	0.45
MOLW519R	29-36.9330-93.8193-4-52-000	7.4	465	4.20	0.194	.	120.0	15400	.	M	50.0	10320	-0.1	0.42
MOLW520R	29-36.9303-93.8716-4-52-000	7.9	290	2.20	0.066	.	92.0	10400	41	M	59.0	6280	0.5	0.23

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOLW521R	29-36.9294-93.9021-4-52-000	7.6	280	1.80	0.092	.	116.0	12000	66	M	70.0	8500	-0.1	0.33
MOLW522R	29-36.9307-93.9704-4-52-000	7.4	430	3.20	0.363	.	89.0	6100	.	M	55.0	5300	0.4	0.84
MOLW523R	29-36.9312-93.9940-4-52-000	7.9	325	2.40	-0.002	.	36.0	7400	352	M	45.0	10840	-0.1	M
MOLW524R	29-36.9321-94.0403-4-52-000	7.4	490	2.50	0.158	.	120.0	14800	24	M	59.0	8280	-0.1	0.32
MOLW525R	29-36.9614-94.0342-4-52-000	7.9	250	1.70	0.213	.	66.0	5200	.	M	50.0	5750	0.7	0.85
MOLW526R	29-36.9585-93.9939-4-52-000	7.8	400	3.80	-0.002	.	30.0	3700	29	M	50.0	6190	-0.1	M
MOLW527R	29-36.9597-93.9482-4-52-000	7.4	290	3.80	0.135	.	59.0	5100	34	M	48.0	6180	-0.1	0.47
MOLW528R	29-36.9581-93.9066-4-52-000	7.8	335	3.10	0.219	.	54.0	14100	64	M	54.0	8330	-0.1	0.65
MOLW529R	29-36.9583-93.8901-4-52-000	7.4	220	1.20	0.079	.	53.0	13600	.	M	52.0	8590	-0.1	0.36
MOLW530R	29-36.9565-93.8320-4-52-000	7.2	400	3.00	0.087	.	78.0	13700	64	M	74.0	9470	-0.1	0.22
MOLW531R	29-36.9839-93.8390-4-52-000	7.5	440	3.90	0.384	.	66.0	5300	57	M	63.0	5600	-0.1	0.87
MOLW532R	29-36.9839-93.8596-4-52-000	7.5	340	2.70	0.209	.	43.0	5200	49	M	52.0	5510	-0.1	0.61
MOLW533R	29-36.9838-93.9184-4-52-000	7.9	350	4.00	0.177	.	61.0	7900	1090	M	41.0	9740	-0.1	0.51
MOLW534R	29-36.9888-93.9580-4-52-000	7.8	300	3.90	0.338	.	42.0	6200	347	M	47.0	9140	-0.1	1.13
MOLW535R	29-36.9897-93.9957-4-52-000	7.7	365	4.90	0.346	.	153.0	7000	196	M	54.0	7240	-0.1	0.95
MOLW536R	29-36.9905-94.0303-4-52-000	7.1	320	3.50	0.168	.	65.0	8100	61	M	57.0	6210	0.3	0.53
MOLW537R	29-37.1044-93.8664-4-52-000	6.7	290	2.80	-0.002	.	98.0	15900	851	M	59.0	8510	0.5	M
MOLW538R	29-37.1342-93.9134-4-52-000	6.6	350	2.50	0.195	.	23.0	12000	26	M	75.0	7860	0.5	0.56
MOLW539R	29-37.1182-93.9109-4-52-000	6.4	250	1.90	0.196	.	88.0	10300	47	M	76.0	8090	-0.1	0.78
MOLW540R	29-37.1140-93.9474-4-52-000	7.0	255	2.20	0.295	.	44.0	5800	925	M	68.0	11420	-0.1	1.16
MOLW541R	29-37.1215-94.0014-4-52-000	7.0	260	2.40	-0.002	.	28.0	5100	910	M	66.0	12590	-0.1	M
MOLW542R	29-37.1182-94.0371-4-52-000	6.6	305	2.50	-0.002	.	94.0	8300	29	M	62.0	7040	-0.1	M
MOLW543R	29-37.1496-94.0301-4-52-000	6.8	330	3.00	0.301	.	60.0	9900	27	M	79.0	7460	-0.1	0.91
MOLW544R	29-37.1483-93.9819-4-52-000	7.0	265	2.60	-0.002	.	58.0	5300	399	M	62.0	6170	-0.1	M
MOLW545R	29-37.1494-93.9500-4-52-000	6.9	620	4.60	-0.002	.	75.0	24400	27	M	129.0	20300	0.6	M
MOLW546R	29-37.1833-93.9492-4-52-000	7.1	340	2.60	0.150	.	53.0	7000	1847	M	68.0	11190	-0.1	0.44
MOLW547R	29-37.1758-93.9819-4-52-000	6.8	480	4.40	-0.002	.	134.0	10000	37	M	72.0	8400	-0.1	M
MOLW548R	29-37.2022-94.0342-4-52-000	7.3	340	3.00	-0.002	.	80.0	5800	81	M	71.0	7700	-0.1	M
MOLW549R	29-37.1758-94.0351-4-52-000	6.7	1000	3.00	0.363	.	72.0	81800	.	M	185.0	48340	-0.1	0.36
MOLW550R	29-37.2407-94.0331-4-52-000	7.2	410	2.60	-0.002	.	59.0	11400	69	M	101.0	10850	-0.1	M
MOLW551R	29-37.2734-94.0321-4-52-000	7.1	875	3.30	0.863	.	180.0	19300	108	M	155.0	44640	-0.1	0.99
MOLW552R	29-37.2729-93.9795-4-52-000	7.0	570	3.00	0.656	.	339.0	40700	.	M	182.0	30080	-0.1	1.15
MOLW553R	29-37.2635-93.9465-4-52-000	7.1	255	2.50	-0.002	.	53.0	6000	197	M	70.0	8240	-0.1	M
MOLW554R	29-37.2361-93.9575-4-52-000	7.2	260	2.50	-0.002	.	64.0	4700	70	M	110.0	7610	-0.1	M
MOLW555R	29-37.2368-93.9924-4-52-000	7.2	345	2.90	-0.002	.	104.0	7400	54	M	90.0	8400	-0.1	M
MOLW556R	29-37.2077-93.9957-4-52-000	7.0	480	4.20	-0.002	.	.	9300	75	M	89.0	12460	-0.1	M
MOLW557R	29-37.2067-93.9447-4-52-000	7.2	310	2.90	-0.002	.	40.0	8100	297	M	84.0	9370	-0.1	M
MOLW558R	29-37.1556-93.9059-4-52-000	7.0	355	3.50	0.263	.	78.0	7400	.	M	94.0	8420	-0.1	0.74
MOLW559R	29-37.1472-93.8648-4-52-000	6.9	487	3.20	0.385	.	61.0	16600	.	M	70.0	12050	-0.1	0.79
MOLW560R	29-37.1912-93.9050-4-52-000	7.0	350	3.50	0.274	.	57.0	5900	314	M	77.0	8420	-0.1	0.78
MOLW561R	29-37.2348-93.8993-4-52-000	7.2	240	2.20	-0.002	.	14.0	2800	364	M	67.0	6820	0.7	M
MOLW562R	29-37.2699-93.9066-4-52-000	7.4	318	2.90	0.294	.	32.0	3000	164	M	66.0	7810	-0.1	0.92
MOLW563R	29-37.2801-93.8797-4-52-000	7.5	265	2.50	-0.002	.	44.0	4500	311	M	65.0	7680	-0.1	M
MOLW564R	29-37.2362-93.8584-4-52-000	7.3	320	3.00	-0.002	.	63.0	7900	98	M	86.0	8730	-0.1	M
MOLW565R	29-37.2173-93.8581-4-52-000	7.3	340	3.00	0.312	.	77.0	11200	99	M	103.0	12590	-0.1	0.92
MOLW566R	29-37.1364-93.6333-4-52-000	7.6	420	3.40	-0.002	.	123.0	11700	34	M	101.0	8080	-0.1	M
MOLW567R	29-37.1721-93.6143-4-52-000	7.6	355	2.50	0.337	.	55.0	10100	.	M	75.0	8080	-0.1	0.95
MOLW568R	29-37.2064-93.6253-4-52-000	7.3	800	4.60	0.456	.	216.0	34600	.	M	142.0	17990	-0.1	0.57
MOLW569R	29-37.2279-93.6211-4-52-000	7.6	560	3.60	0.266	.	271.0	26900	.	M	121.0	17860	-0.1	0.48
MOLW570R	29-37.2681-93.6229-4-52-000	7.4	560	4.40	1.005	.	170.0	21200	.	M	130.0	17440	-0.1	1.79
MOLW571R	29-37.2734-93.6631-4-52-000	7.4	483	3.50	-0.002	.	.	8000	35	M	70.0	8580	-0.1	M
MOLW572R	29-37.2358-93.6658-4-52-000	7.5	463	4.50	-0.002	.	69.0	4000	.	M	101.0	6720	-0.1	M
MOLW573R	29-37.2009-93.6622-4-52-000	7.5	362	2.70	0.195	.	42.0	6400	24	M	64.0	6730	-0.1	0.54

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOLW574R	29-37.1707-93.6581-4-52-000	7.2	560	4.30	0.118	.	67.0	6500	63	M	262.0	13990	-0.1	0.21
MOLW575R	29-37.1420-93.6661-4-52-000	7.6	425	3.50	-0.002	.	26.0	3500	141	M	92.0	7520	-0.1	M
MOLW576R	29-37.1410-93.6932-4-52-000	7.3	590	6.30	0.353	.	40.0	5100	.	M	180.0	12920	2.1	0.60
MOLW577R	29-37.1665-93.7043-4-52-000	7.3	580	5.30	0.535	.	.	10500	.	M	174.0	13550	-0.1	0.92
MOLW578R	29-37.2014-93.7032-4-52-000	7.1	600	4.00	-0.002	.	.	14400	.	M	139.0	16930	-0.1	M
MOLW579R	29-37.2663-93.8150-4-52-000	7.1	660	5.00	-0.002	.	61.0	21000	.	M	225.0	18380	-0.1	M
MOLW580R	29-37.2682-93.7681-4-52-000	7.4	235	2.40	0.476	.	.	3100	396	M	93.0	7730	-0.1	2.03
MOLW581R	29-37.2356-93.7805-4-52-000	7.1	550	5.80	-0.002	.	91.0	11200	.	M	185.0	17650	-0.1	M
MOLW582R	29-37.2356-93.7543-4-52-000	7.0	520	4.90	0.708	.	204.0	29500	.	M	140.0	34080	-0.1	1.36
MOLW583R	29-37.2692-93.7082-4-52-000	7.4	340	3.50	-0.002	.	39.0	3200	59	M	95.0	8080	-0.1	M
MOLW584R	29-37.2237-93.7093-4-52-000	7.0	560	3.30	0.409	.	.	12900	302	M	171.0	18400	-0.1	0.73
MOLW585R	29-37.2084-93.7446-4-52-000	7.4	268	2.70	-0.002	.	.	2600	228	M	83.0	7490	-0.1	M
MOLW586R	29-37.2029-93.7901-4-52-000	6.9	317	2.20	0.133	.	133.0	13600	26	M	84.0	13450	-0.1	0.42
MOLW587R	29-37.2269-93.8228-4-52-000	7.1	338	3.30	-0.002	.	23.0	3300	75	M	69.0	7650	-0.1	M
MOLW588R	29-37.2024-93.8203-4-52-000	7.2	295	3.10	-0.002	.	27.0	3600	108	M	85.0	7700	-0.1	M
MOLW589R	29-37.1238-93.8301-4-52-000	7.3	470	4.30	-0.002	.	41.0	7200	40	M	70.0	8200	0.6	M
MOLW590R	29-37.1351-93.7898-4-52-000	7.2	242	2.30	0.117	.	62.0	3500	31	M	72.0	9300	-0.1	0.48
MOLW591R	29-37.1533-93.7518-4-52-000	7.2	205	1.80	0.140	.	39.0	3600	30	M	90.0	8090	-0.1	0.68
MOLW592R	29-37.1745-93.7647-4-52-000	7.0	440	2.30	0.123	.	99.0	22300	58	M	82.0	18440	-0.1	0.28
MOLW593R	29-37.1837-93.8005-4-52-000	7.2	430	2.20	-0.002	.	.	22200	.	M	88.0	15250	0.8	M
MOLW594R	29-37.1730-93.8674-4-52-000	7.4	370	3.90	0.104	.	52.0	3600	31	M	78.0	8320	-0.1	0.28
MOLW595R	29-37.1702-93.8373-4-52-000	7.5	365	4.10	-0.002	.	31.0	2600	35	M	53.0	10570	0.5	M
MOLW596R	29-37.1431-93.8340-4-52-000	7.4	300	3.30	-0.002	.	22.0	2500	47	M	85.0	8130	-0.1	M
MOLW597R	29-36.9819-93.7826-4-52-000	7.1	450	3.50	0.202	.	136.0	16400	.	M	64.0	10520	-0.1	0.45
MOLW598R	29-36.9539-93.7866-4-52-000	7.1	321	2.90	0.451	.	.	3400	93	M	71.0	8600	-0.1	1.40
MOLW599R	29-36.9273-93.7986-4-52-000	7.6	265	2.30	0.222	.	.	2600	1107	M	54.0	23170	-0.1	0.84
MOLW600R	29-36.9288-93.7538-4-52-000	7.6	360	3.10	-0.002	.	78.0	8400	450	M	49.0	10530	-0.1	M
MOLW601R	29-36.9558-93.7529-4-52-000	7.4	358	2.70	0.086	.	140.0	21300	.	M	72.0	11120	-0.1	0.24
MOLW602R	29-37.1107-93.7882-4-52-000	7.6	407	4.20	-0.002	.	104.0	9200	40	M	113.0	8560	-0.1	M
MOLW603R	29-37.1031-93.7509-4-52-000	7.5	449	3.70	-0.002	.	46.0	5900	.	M	62.0	9680	-0.1	M
MOLW604R	29-37.0849-93.7883-4-52-000	7.6	313	2.90	0.381	.	31.0	2900	200	M	73.0	9260	0.3	1.22
MOLW605R	29-37.0852-93.7441-4-52-000	7.3	600	2.40	0.535	.	340.0	32600	44	M	157.0	36760	0.6	0.89
MOLW606R	29-37.0787-93.7079-4-52-000	7.7	341	3.30	0.142	.	41.0	4500	60	M	62.0	8520	-0.1	0.42
MOLW607R	29-37.0851-93.6651-4-52-000	7.5	458	3.70	0.233	.	107.0	11100	139	M	64.0	10450	-0.1	0.51
MOLW608R	29-37.0460-93.7143-4-52-000	7.6	412	3.90	-0.002	.	23.0	6300	.	M	61.0	9550	-0.1	M
MOLW609R	29-37.0452-93.7525-4-52-000	7.6	410	4.00	0.357	.	53.0	9200	104	M	58.0	9060	-0.1	0.87
MOLW610R	29-37.0496-93.7851-4-52-000	7.6	252	2.10	-0.002	.	54.0	4900	116	M	61.0	7780	1.0	M
MOLW611R	29-37.1068-93.7061-4-52-000	7.1	449	3.90	0.526	.	48.0	9400	134	M	53.0	9930	0.4	1.17
MOLW612R	29-37.1096-93.6643-4-52-000	7.3	600	4.80	-0.002	.	103.0	14400	108	M	127.0	16380	-0.1	M
MOLW613R	29-37.1104-93.6186-4-52-000	7.5	370	3.50	-0.002	.	71.0	5200	51	M	80.0	8340	-0.1	M
MOLW614R	29-37.0846-93.6242-4-52-000	7.4	530	5.40	0.720	.	.	17000	.	M	82.0	16060	-0.1	1.36
MOLW615R	29-37.0499-93.6281-4-52-000	7.7	288	2.60	0.312	.	69.0	5000	464	M	73.0	11340	-0.1	1.08
MOLW616R	29-37.0447-93.6552-4-52-000	7.4	425	3.20	-0.002	.	117.0	13000	55	M	68.0	10240	-0.1	M
MOLW617R	29-37.0181-93.6290-4-52-000	7.2	431	3.90	0.307	.	61.0	9700	19	M	54.0	8820	-0.1	0.71
MOLW618R	29-37.0175-93.6772-4-52-000	7.6	340	3.00	0.281	.	88.0	7800	1010	M	69.0	21030	-0.1	0.83
MOLW619R	29-37.0209-93.7149-4-52-000	7.5	304	2.90	-0.002	.	112.0	16900	.	M	102.0	20200	-0.1	M
MOLW620R	29-37.0189-93.7582-4-52-000	7.3	290	2.10	0.122	.	203.0	10700	46	M	50.0	15500	-0.1	0.42
MOLW621R	29-37.0165-93.7900-4-52-000	7.5	391	3.30	0.206	.	101.0	12800	516	M	82.0	11370	-0.1	0.54
MOLW622R	29-36.9607-93.6987-4-52-000	7.1	300	3.00	-0.002	.	64.0	8400	30	M	53.0	10770	0.4	M
MOLW623R	29-36.9257-93.7167-4-52-000	7.2	270	2.10	0.090	.	81.0	8100	86	M	66.0	11200	-0.1	0.33
MOLW624R	29-36.9251-93.6844-4-52-000	7.1	440	3.30	-0.002	.	162.0	22300	.	M	49.0	12500	-0.1	M
MOLW625R	29-36.9489-93.6658-4-52-000	7.5	250	2.40	0.233	.	24.0	2900	132	M	65.0	8440	-0.1	0.93
MOLW626R	29-36.9309-93.6324-4-52-000	7.3	262	2.60	0.112	.	21.0	3700	15	M	53.0	9350	-0.1	0.43

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOLW627R	29-36.9653-93.6319-4-52-000	7.1	420	3.80	0.361	.	45.0	10600	.	M	67.0	15030	-0.1	0.86
MOLW628R	29-36.9881-93.6290-4-52-000	7.0	380	3.10	0.213	.	98.0	13500	59	M	59.0	19200	-0.1	0.56
MOLW629R	29-36.9921-93.6617-4-52-000	7.2	277	2.40	0.246	.	40.0	5200	78	M	45.0	14420	-0.1	0.89
MOLW630R	29-36.9839-93.7025-4-52-000	7.6	255	2.20	0.286	.	26.0	2800	455	M	9.0	9410	-0.1	1.12
MOLW631R	29-36.9825-93.7452-4-52-000	7.1	460	2.70	-0.002	.	99.0	6300	431	M	12.0	10370	-0.1	M
MOMC501R	29-36.6743-94.2320-4-52-000	8.2	740	5.00	0.098	.	.	26700	.	M	.	128540	-0.1	0.13
MOMC502R	29-36.6669-94.2023-4-52-000	8.0	248	1.80	-0.002	.	54.0	6600	495	M	.	24060	-0.1	M
MOMC503R	29-36.6520-94.1591-4-52-000	7.9	241	1.60	0.050	.	63.0	9100	379	M	.	10270	-0.1	0.21
MOMC504R	29-36.6925-94.1155-4-52-000	8.0	227	1.80	0.016	.	.	5500	274	M	.	16510	-0.1	0.07
MOMC505R	29-36.6925-94.1444-4-52-000	7.3	354	2.60	-0.002	.	85.0	9200	.	M	.	8000	-0.1	M
MOMC506R	29-36.6725-94.1658-4-52-000	7.9	230	1.50	0.100	.	20.0	5300	390	M	15.0	9540	-0.1	0.43
MOMC507R	29-36.7009-94.1840-4-52-000	7.6	270	2.00	0.089	.	75.0	8000	.	M	34.0	8810	-0.1	0.33
MOMC508R	29-36.7275-94.0777-4-52-000	7.6	357	2.60	-0.002	.	65.0	8300	65	M	14.0	8520	-0.1	M
MOMC509R	29-36.7192-94.1325-4-52-000	7.5	380	2.40	1.188	.	87.0	8300	191	M	.	10610	-0.1	3.13
MOMC510R	29-36.7295-94.1557-4-52-000	7.0	334	1.80	0.222	.	32.0	12100	.	M	30.0	9090	-0.1	0.66
MOMC511R	29-36.7367-94.1908-4-52-000	7.2	530	3.10	0.780	.	120.0	20100	.	M	40.0	14700	-0.1	1.47
MOMC512R	29-36.7021-94.2387-4-52-000	8.0	251	2.00	0.056	.	59.0	6300	811	M	9.0	15360	-0.1	0.22
MOMC513R	29-36.7014-94.2738-4-52-000	8.2	268	2.20	0.331	.	45.0	6600	869	M	.	36340	-0.1	1.24
MOMC514R	29-36.6975-94.3099-4-52-000	7.5	364	2.70	-0.002	.	57.0	5900	74	M	.	7820	-0.1	M
MOMC515R	29-36.7413-94.2398-4-52-000	7.8	358	2.70	-0.002	.	53.0	5700	22	M	.	7330	-0.1	M
MOMC516R	29-36.7328-94.2773-4-52-000	8.2	270	1.80	0.203	.	45.0	5700	871	M	.	27610	-0.1	0.75
MOMC517R	29-36.7313-94.3097-4-52-000	7.2	335	2.80	0.412	.	71.0	6000	33	M	27.0	7200	-0.1	1.23
MOMC518R	29-36.7330-94.3607-4-52-000	8.0	270	2.10	0.008	.	76.0	8100	1406	M	28.0	32850	-0.1	0.03
MOMC519R	29-36.6814-94.4707-4-52-000	8.0	265	2.10	0.356	.	65.0	6900	347	M	17.0	9690	0.4	1.34
MOMC520R	29-36.6852-94.5307-4-52-000	7.4	510	3.60	-0.002	.	102.0	15400	84	M	63.0	20980	-0.1	M
MOMC521R	29-36.6967-94.5081-4-52-000	7.1	340	2.50	-0.002	.	63.0	10700	28	M	40.0	8360	-0.1	M
MOMC522R	29-36.7186-94.4430-4-52-000	7.1	297	1.60	0.178	.	113.0	10400	28	M	22.0	9770	-0.1	0.60
MOMC523R	29-36.7111-94.4665-4-52-000	7.2	396	2.70	0.274	.	116.0	13500	.	M	28.0	10180	-0.1	0.69
MOMC524R	29-36.7334-94.5176-4-52-000	7.7	224	1.60	-0.002	.	50.0	6200	56	M	33.0	7040	0.3	M
MOMC525R	29-36.7392-94.5495-4-52-000	7.8	375	3.30	0.057	.	43.0	8200	1183	M	.	42790	-0.1	0.15
MOMC526R	29-36.7462-94.4707-4-52-000	7.3	310	2.30	-0.002	.	92.0	8000	16	M	28.0	6750	-0.1	M
MOMC527R	29-36.7396-94.4384-4-52-000	7.5	328	2.40	-0.002	.	52.0	6200	52	M	36.0	7700	-0.1	M
MOMC528R	29-36.7386-94.3946-4-52-000	7.4	323	2.50	-0.002	.	66.0	5900	22	M	30.0	7530	-0.1	M
MOMC529R	29-36.6419-94.4201-4-53-000	7.2	236	1.60	0.198	.	72.0	6500	.	M	30.0	7170	-0.1	0.84
MOMC530R	29-36.6468-94.3962-4-52-000	7.5	217	1.00	0.185	.	157.0	8700	.	M	30.0	7700	0.4	0.85
MOMC531R	29-36.6436-94.3552-4-52-000	7.2	297	2.10	0.281	.	70.0	5500	22	M	29.0	6360	-0.1	0.95
MOMC532R	29-36.6344-94.2518-4-52-000	7.5	361	2.60	0.208	.	52.0	7100	260	M	70.0	34080	-0.1	0.58
MOMC533R	29-36.6405-94.2235-4-53-000	7.2	343	2.60	0.231	.	69.0	7500	25	M	35.0	7510	-0.1	0.67
MOMC534R	29-36.6294-94.1600-4-52-000	7.6	283	1.80	0.057	.	53.0	8100	447	M	43.0	15210	-0.1	0.20
MOMC535R	29-36.6147-94.1341-4-52-000	7.1	327	3.10	-0.002	.	70.0	7100	57	M	84.0	9450	-0.1	M
MOMC536R	29-36.6268-94.1078-4-52-000	7.5	336	2.40	-0.002	.	55.0	5500	43	M	53.0	6780	-0.1	M
MOMC537R	29-36.6542-94.1143-4-52-000	7.9	249	1.60	0.051	.	54.0	5400	794	M	37.0	11280	-0.1	0.20
MOMC538R	29-36.6742-94.0816-4-53-000	7.1	251	1.60	0.239	.	41.0	8800	14	M	39.0	7360	0.6	0.95
MOMC539R	29-36.6915-94.0839-4-52-000	7.5	287	1.90	0.097	.	53.0	6000	52	M	48.0	7410	-0.1	0.34
MOMC540R	29-36.6498-94.4771-4-52-000	7.3	160	0.56	0.013	.	136.0	17200	.	M	35.0	12620	-0.1	0.08
MOMC541R	29-36.6477-94.5141-4-52-000	7.1	311	2.20	0.239	.	44.0	5300	.	M	46.0	6320	-0.1	0.77
MOMC542R	29-36.6550-94.5573-4-52-000	7.1	370	3.20	0.664	.	56.0	6200	58	M	42.0	9000	-0.1	1.79
MOMC543R	29-36.6507-94.6067-4-52-000	7.0	485	3.10	0.512	.	249.0	29000	.	M	35.0	15060	-0.1	1.06
MOMC544R	29-36.6800-94.5704-4-52-000	7.5	275	1.60	-0.002	.	90.0	6300	89	M	40.0	7850	-0.1	M
MOMC545R	29-36.6781-94.6091-4-52-000	7.3	433	3.00	0.213	.	.	14100	210	M	45.0	21050	-0.1	0.49
MOMC546R	29-36.7448-94.5938-4-52-000	6.7	475	2.60	-0.002	.	175.0	23100	.	M	45.0	11440	-0.1	M
MOMC547R	29-36.7183-94.5690-4-52-000	7.1	290	1.90	0.205	.	71.0	9300	.	M	47.0	8480	-0.1	0.71
MOMC548R	29-36.7020-94.5868-4-52-000	7.5	405	2.50	0.043	.	91.0	28400	926	M	61.0	32790	-0.1	0.11

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM, IN TWO CC AIR GAP ABOVE 300 CC OF H2O, SCINT. IN CPS.

SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOMC549R	29-36.6827-94.4288-4-52-000	7.2	475	3.50	-0.002	.	47.0	7800	125	M	63.0	9060	-0.1	M
MOMC550R	29-36.7030-94.4031-4-52-000	7.5	330	2.40	0.151	.	83.0	7800	224	M	62.0	17600	-0.1	0.46
MOMC551R	29-36.6715-94.4012-4-52-000	7.6	263	1.60	0.115	.	105.0	11000	.	M	57.0	8430	0.3	0.44
MOMC552R	29-36.6988-94.3729-4-52-000	7.8	433	3.40	0.039	.	99.0	11900	1168	M	93.0	58540	-0.1	0.09
MOMC553R	29-36.6824-94.3359-4-52-000	7.3	276	2.00	0.229	.	69.0	7700	.	M	44.0	8080	-0.1	0.83
MOMC554R	29-36.6677-94.3557-4-52-000	7.9	343	2.40	-0.002	.	44.0	10800	681	M	81.0	28380	-0.1	M
MOMC555R	29-36.6578-94.3104-4-52-000	7.6	304	2.40	1.241	.	59.0	6900	484	M	48.0	35220	-0.1	4.08
MOMC556R	29-36.6767-94.2706-4-52-000	7.4	354	2.00	0.188	.	243.0	30900	.	M	43.0	16950	-0.1	0.53
MOMC557R	29-36.5539-94.4716-4-53-000	7.2	278	2.60	0.123	.	48.0	4300	13	M	78.0	7670	-0.1	0.44
MOMC558R	29-36.5190-94.4734-4-52-000	7.2	400	3.30	0.072	.	.	5000	706	M	53.0	14070	-0.1	0.18
MOMC559R	29-36.5246-94.4431-4-52-000	7.8	440	3.30	0.056	.	.	18200	1335	M	65.0	58240	-0.1	0.13
MOMC560R	29-36.5526-94.4293-4-52-000	7.5	310	2.80	0.295	.	24.0	3400	31	M	42.0	6880	-0.1	0.95
MOMC561R	29-36.5232-94.3999-4-53-000	7.5	385	3.30	0.507	.	34.0	4300	18	M	45.0	7350	-0.1	1.32
MOMC562R	29-36.5417-94.3925-4-52-000	7.3	400	3.90	0.425	.	63.0	5900	96	M	86.0	14920	-0.1	1.06
MOMC563R	29-36.5369-94.3531-4-52-000	7.7	315	2.50	0.049	.	.	12000	767	M	51.0	21610	-0.1	0.16
MOMC564R	29-36.5684-94.3552-4-53-000	7.7	340	2.50	0.226	.	19.0	9200	46	M	59.0	9260	-0.1	0.66
MOMC565R	29-36.5792-94.4047-4-52-000	7.1	370	3.50	-0.002	.	46.0	5100	36	M	49.0	7790	0.2	M
MOMC566R	29-36.6093-94.3582-4-52-000	7.8	220	2.10	0.019	.	23.0	12300	1187	M	69.0	23570	-0.1	0.09
MOMC567R	29-36.6072-94.4051-4-52-000	7.4	360	3.90	5.332	.	.	3200	29	M	47.0	7660	-0.1	14.81
MOMC568R	29-36.6128-94.4369-4-52-000	7.9	400	3.60	0.246	.	49.0	4200	653	M	71.0	53500	-0.1	0.62
MOMC569R	29-36.5687-94.4426-4-52-000	7.8	700	3.80	0.159	.	187.0	63100	614	M	153.0	80000	-0.1	0.23
MOMC570R	29-36.5203-94.5103-4-52-000	6.9	418	4.10	-0.002	.	61.0	4500	.	M	55.0	9140	-0.1	M
MOMC571R	29-36.5199-94.5591-4-52-000	7.1	490	5.00	-0.002	.	41.0	3800	23	M	44.0	8930	-0.1	M
MOMC572R	29-36.5265-94.6046-4-52-000	7.5	410	2.40	0.085	.	.	29600	725	M	90.0	37270	-0.1	0.21
MOMC573R	29-36.5568-94.5878-4-52-000	6.9	330	2.80	0.300	.	123.0	10600	.	M	52.0	10860	-0.1	0.91
MOMC574R	29-36.5524-94.5513-4-52-000	7.0	262	2.20	0.365	.	83.0	7700	.	M	43.0	9850	0.3	1.39
MOMC575R	29-36.5426-94.5170-4-52-000	7.2	368	2.70	0.243	.	.	22800	610	M	91.0	25980	-0.1	0.66
MOMC576R	29-36.5762-94.5299-4-52-000	7.4	590	4.00	0.310	.	84.0	39200	223	M	181.0	46680	-0.1	0.53
MOMC577R	29-36.5653-94.5547-4-52-000	7.3	310	2.30	-0.002	.	36.0	12100	14	M	91.0	9690	-0.1	M
MOMC578R	29-36.5819-94.5933-4-52-000	7.0	323	3.00	0.386	.	151.0	12000	.	M	49.0	12140	-0.1	1.20
MOMC579R	29-36.6256-94.5862-4-52-000	7.5	360	3.20	0.053	.	.	14900	1399	M	61.0	39730	-0.1	0.15
MOMC580R	29-36.6193-94.5503-4-52-000	7.2	347	3.40	-0.002	.	52.0	5800	41	M	50.0	8990	0.4	M
MOMC581R	29-36.6148-94.5085-4-52-000	7.4	357	3.20	-0.002	.	28.0	6600	478	M	52.0	16870	-0.1	M
MOMC582R	29-36.6134-94.4746-4-52-000	7.6	328	2.50	0.130	.	39.0	18500	685	M	49.0	26200	-0.1	0.40
MOMC583R	29-36.5889-94.4827-4-52-000	7.7	342	2.40	0.079	.	49.0	19100	587	M	50.0	24870	-0.1	0.23
MOMC584R	29-36.6068-94.1589-4-53-000	7.6	250	2.40	0.100	.	35.0	5800	43	M	47.0	7400	-0.1	0.40
MOMC585R	29-36.5858-94.1256-4-53-000	8.0	195	2.20	0.191	.	76.0	5700	.	M	34.0	8310	-0.1	0.98
MOMC586R	29-36.5749-94.0770-4-52-000	7.5	550	6.50	0.013	.	151.0	10300	134	M	115.0	14450	-0.1	0.02
MOMC587R	29-36.5430-94.0955-4-52-000	7.1	280	4.80	0.169	.	68.0	5000	68	M	50.0	7460	-0.1	0.60
MOMC588R	29-36.5177-94.0888-4-52-000	7.5	440	5.40	0.090	.	.	5700	162	M	43.0	7920	-0.1	0.20
MOMC589R	29-36.5177-94.1210-4-52-000	7.7	335	3.10	0.110	.	65.0	5100	86	M	52.0	8020	-0.1	0.33
MOMC590R	29-36.5433-94.1258-4-52-000	7.1	490	3.80	0.212	.	68.0	11000	36	M	47.0	9500	-0.1	0.43
MOMC591R	29-36.5620-94.1339-4-52-000	7.2	750	7.20	0.356	.	106.0	26500	.	M	107.0	23340	-0.1	0.47
MOMC592R	29-36.5697-94.1677-4-52-000	7.5	340	4.20	-0.002	.	90.0	6700	38	M	53.0	10110	-0.1	M
MOMC593R	29-36.5763-94.2080-4-53-000	7.4	320	4.40	0.287	.	.	6300	35	M	52.0	9530	-0.1	0.90
MOMC594R	29-36.5428-94.2335-4-53-000	7.4	340	4.20	0.134	.	64.0	7000	37	M	52.0	9940	-0.1	0.39
MOMC595R	29-36.5427-94.3057-4-52-000	7.3	440	5.40	-0.002	.	51.0	6500	125	M	41.0	10370	-0.1	M
MOMC596R	29-36.5617-94.3241-4-53-000	7.6	225	2.60	0.148	.	29.0	6900	22	M	40.0	9150	-0.1	0.66
MOMC597R	29-36.6157-94.2950-4-52-000	7.9	360	3.60	0.238	.	56.0	6300	346	M	45.0	16200	-0.1	0.66
MOMC598R	29-36.6085-94.2611-4-52-000	7.8	295	3.70	0.198	.	83.0	5500	24	M	84.0	10010	-0.1	0.67
MOMC599R	29- - - - -4-52-000	8.3	340	4.40	0.215	.	.	2800	724	M	47.0	42300	-0.1	0.63
MOMC600R	29-36.5943-94.1888-4-52-000	8.0	310	4.20	0.068	.	61.0	5500	143	M	74.0	12900	-0.1	0.22
MOMC601R	29-36.5456-94.1546-4-53-000	8.1	160	1.80	0.073	.	18.0	3000	.	M	47.0	9720	-0.1	0.46

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOMC602R	29-36.5255-94.1571-4-52-000	7.8	320	4.10	0.055	.	36.0	2900	96	M	46.0	9740	-0.1	0.17
MOMC603R	29-36.5405-94.2036-4-52-000	8.0	300	2.80	0.024	.	23.0	4400	367	M	42.0	18140	-0.1	0.08
MOMC604R	29-36.5726-94.2512-4-52-000	7.5	650	6.40	0.341	.	94.0	14600	241	M	119.0	24400	-0.1	0.52
MOMC605R	29-36.5736-94.2726-4-52-000	8.0	305	2.80	0.040	.	.	14400	342	M	43.0	18490	-0.1	0.13
MOMC606R	29-36.5420-94.2846-4-52-000	7.7	385	4.80	-0.002	.	24.0	4400	223	M	41.0	16630	-0.1	M
MOMC607R	29-36.5084-94.2791-4-52-000	8.4	340	4.20	0.050	.	.	5900	705	M	51.0	40850	-0.1	0.15
MOMC608R	29-36.5014-94.2473-4-52-000	7.7	230	2.30	0.113	.	29.0	3500	.	M	46.0	9310	-0.1	0.49
MOMC609R	29-36.5072-94.2059-4-53-000	7.7	270	2.30	0.180	.	57.0	5900	28	M	49.0	10620	-0.1	0.67
MOMC610R	29-36.5173-94.3156-4-53-000	7.9	230	2.10	0.123	.	66.0	2500	20	M	50.0	9250	-0.1	0.53
MOMC611R	29-36.5226-94.3539-4-52-000	7.3	800	7.90	0.349	.	54.0	3900	.	M	161.0	21300	-0.1	0.44
MOMD501R	29-37.5308-90.1735-4-52-000	7.8	348	2.90	0.201	.	.	6500	29	M	72.0	7360	-0.1	0.58
MOMD502R	29-37.5560-90.1805-4-52-000	7.5	770	4.10	0.379	.	64.0	8700	116	M	83.0	17260	-0.1	0.49
MOMD503R	29-37.5943-90.1730-4-52-000	7.0	84	1.80	0.021	.	68.0	8100	40	M	63.0	7650	-0.1	0.25
MOMD504R	29-37.6185-90.1976-4-52-000	7.5	361	1.70	0.060	.	58.0	4100	43	M	109.0	6800	-0.1	0.17
MOMD505R	29-37.5930-90.2524-4-52-000	8.0	680	3.40	0.428	.	82.0	M	.	M	.	12600	-0.1	0.63
MOMD506R	29-37.5432-90.2327-4-52-000	7.6	319	3.00	0.160	.	72.0	6200	79	M	47.0	7310	-0.1	0.50
MOMD507R	29-37.5801-90.2274-4-52-000	7.0	590	4.20	0.318	.	272.0	24700	50	M	109.0	27140	-0.1	0.54
MOMD508R	29-37.5703-90.2364-4-52-000	7.2	409	4.10	0.236	.	.	5900	121	M	118.0	10560	-0.1	0.58
MOMD509R	29-37.5727-90.2668-4-52-000	7.3	530	4.10	0.086	.	.	18900	51	M	177.0	20460	-0.1	0.16
MOMD510R	29-37.5278-90.2548-4-52-000	7.5	339	3.50	0.144	.	.	4600	67	M	111.0	7160	-0.1	0.42
MOMD511R	29-37.5025-90.1895-4-52-000	7.5	399	3.70	0.448	.	29.0	7000	40	M	69.0	7250	-0.1	1.12
MOMD512R	29-37.4937-90.2247-4-52-000	7.3	530	4.50	0.197	.	114.0	10500	67	M	231.0	14660	-0.1	0.37
MOMD513R	29-37.5053-90.2515-4-52-000	7.6	351	4.00	0.107	.	56.0	6500	40	M	67.0	7410	0.4	0.30
MOMD514R	29-37.4858-90.2604-4-52-000	7.4	430	4.10	0.467	.	122.0	10100	97	M	54.0	8600	-0.1	1.09
MOMD515R	29-37.4615-90.2294-4-52-000	7.5	245	3.00	0.058	.	44.0	5400	33	M	99.0	6630	-0.1	0.24
MOMD516R	29-37.4395-90.2113-4-53-000	7.4	290	2.60	0.086	.	67.0	6400	17	M	89.0	6380	-0.1	0.30
MOMD517R	29-37.4384-90.1854-4-52-000	7.5	382	3.00	0.186	.	34.0	10000	70	M	48.0	10950	-0.1	0.49
MOMD518R	29-37.4796-90.1893-4-52-000	7.3	353	3.30	0.282	.	51.0	8300	49	M	67.0	7890	-0.1	0.80
MOMD519R	29-37.4074-90.1643-4-52-000	7.7	341	3.80	0.051	.	104.0	7400	53	M	112.0	7520	-0.1	0.15
MOMD520R	29-37.3832-90.1636-4-52-000	7.2	223	2.30	0.038	.	83.0	7200	90	M	91.0	6500	0.4	0.17
MOMD521R	29-37.3432-90.1832-4-52-000	7.6	309	2.20	0.101	.	35.0	5300	31	M	111.0	6510	-0.1	0.33
MOMD522R	29-37.3434-90.2116-4-52-000	7.7	99	3.00	0.013	.	17.0	6500	117	M	61.0	6830	0.3	0.13
MOMD523R	29-37.3763-90.2172-4-52-000	7.2	321	2.50	0.348	.	52.0	9000	147	M	43.0	8330	0.3	1.08
MOMD524R	29-37.4153-90.2330-4-52-000	7.4	287	3.10	0.071	.	15.0	4500	38	M	96.0	6220	-0.1	0.25
MOMD525R	29-37.4109-90.2505-4-52-000	6.2	226	2.30	0.034	.	16.0	16000	.	M	91.0	14250	-0.1	0.15
MOMD526R	29-37.3641-90.2630-4-52-000	6.7	113	1.20	0.024	.	22.0	5700	52	M	66.0	7470	-0.1	0.21
MOMD527R	29-37.3376-90.2868-4-52-000	7.1	600	2.00	0.452	.	105.0	12600	40	M	170.0	15270	-0.1	0.75
MOMD528R	29-37.3711-90.3150-4-52-000	8.1	190	3.30	0.030	.	28.0	2900	15	M	85.0	6550	0.7	0.16
MOMD529R	29-37.4116-90.3109-4-52-000	8.3	140	2.00	0.009	.	40.0	3200	.	M	53.0	6070	0.3	0.06
MOMD530R	29-37.6191-90.2668-4-52-000	7.2	680	3.30	0.289	.	158.0	9900	115	M	165.0	21440	-0.1	0.43
MOMD531R	29-37.6218-90.2863-4-52-000	7.4	310	2.30	0.142	.	74.0	8400	52	M	93.0	9590	-0.1	0.46
MOMD532R	29-37.5992-90.2951-4-52-000	7.4	369	2.80	0.622	.	62.0	4800	116	M	53.0	7720	-0.1	1.69
MOMD533R	29-37.5724-90.3039-4-52-000	7.3	470	3.00	1.354	.	50.0	10000	94	M	93.0	8090	-0.1	2.88
MOMD534R	29-37.5362-90.3067-4-52-000	7.3	570	4.60	0.820	.	124.0	16000	68	M	166.0	18310	-0.1	1.44
MOMD535R	29-37.5013-90.3125-4-52-000	7.9	155	3.70	0.105	.	66.0	4800	41	M	98.0	6460	0.3	0.68
MOMD536R	29-37.4794-90.3098-4-52-000	7.6	161	2.70	0.039	.	57.0	17800	.	M	61.0	13340	-0.1	0.24
MOMD537R	29-37.4445-90.3037-4-52-000	7.6	288	1.70	0.141	.	29.0	3400	66	M	105.0	6550	0.4	0.49
MOMD538R	29-37.3927-90.3253-4-52-000	7.8	208	2.20	0.096	.	27.0	3500	68	M	93.0	6600	-0.1	0.46
MOMD539R	29-37.3722-90.3524-4-52-000	7.1	86	1.70	0.018	.	48.0	6500	72	M	61.0	7730	-0.1	0.21
MOMD540R	29-37.3407-90.3832-4-53-000	7.4	290	1.40	0.097	.	60.0	5800	149	M	649.0	6570	-0.1	0.33
MOMD541R	29-37.3741-90.4159-4-52-000	7.6	319	3.50	0.152	.	78.0	7100	1036	M	116.0	15930	-0.1	0.48
MOMD542R	29-37.3810-90.3905-4-53-000	7.5	248	2.20	0.060	.	43.0	4200	28	M	99.0	6310	0.3	0.24
MOMD543R	29-37.4121-90.3832-4-53-000	7.0	151	1.60	0.041	.	59.0	7300	41	M	116.0	7350	-0.1	0.27

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOMD544R	29-37.4313-90.3704-4-52-000	6.3	51	1.20	0.007	.	.	4100	26	M	118.0	6430	0.3	0.14
MOMD545R	29-37.4655-90.3463-4-52-000	6.5	90	1.60	0.022	.	56.0	3800	88	M	76.0	8670	0.6	0.24
MOMD546R	29-37.5987-90.5242-4-52-000	6.7	241	1.50	0.277	.	59.0	7700	299	M	98.0	11110	0.6	1.15
MOMD547R	29-37.6333-90.4959-4-52-000	6.9	148	1.60	1.380	.	55.0	9000	199	M	83.0	8560	0.3	9.32
MOMD548R	29-37.5960-90.4925-4-52-000	7.0	224	1.40	1.231	.	.	10600	225	M	87.0	10110	0.4	5.50
MOMD549R	29-37.5724-90.4999-4-52-000	7.8	311	2.40	1.641	.	.	7500	1056	M	100.0	20940	-0.1	5.28
MOMD550R	29-37.5496-90.5439-4-52-000	6.7	131	2.20	0.052	.	.	4400	54	M	79.0	8060	1.7	0.40
MOMD551R	29-37.5520-90.4616-4-52-000	7.2	152	1.50	0.075	.	124.0	7100	144	M	87.0	10080	1.6	0.49
MOMD552R	29-37.5565-90.4238-4-52-000	7.1	358	1.80	0.150	.	.	10700	2215	M	69.0	35540	-0.1	0.42
MOMD553R	29-37.5819-90.4253-4-52-000	7.4	372	2.90	2.905	.	283.0	16100	797	M	57.0	55860	-0.1	7.81
MOMD554R	29-37.6093-90.4524-4-52-000	6.5	236	2.00	2.473	.	91.0	8100	676	M	88.0	11800	0.8	10.48
MOMD555R	29-37.6319-90.4395-4-52-000	6.5	168	1.10	0.956	.	282.0	19500	628	M	122.0	16020	-0.1	5.69
MOMD556R	29-37.6195-90.4170-4-52-000	7.1	445	2.00	8.366	.	590.0	34000	431	M	143.0	17090	-0.1	18.80
MOMD557R	29-37.6183-90.3826-4-52-000	6.3	268	2.20	0.349	.	422.0	31300	186	M	122.0	11920	-0.1	1.30
MOMD558R	29-37.5962-90.3382-4-52-000	6.8	580	2.50	1.048	.	205.0	15000	167	M	451.0	22080	-0.1	1.81
MOMD559R	29-37.6165-90.3436-4-52-000	7.5	370	2.60	0.780	.	126.0	17700	1175	M	121.0	25330	-0.1	2.11
MOMD560R	29-37.5674-90.3305-4-52-000	7.1	374	3.10	0.419	.	57.0	16100	104	M	116.0	17350	0.4	1.12
MOMD561R	29-37.5686-90.3681-4-52-000	7.0	134	2.70	0.122	.	104.0	7600	209	M	82.0	10820	-0.1	0.91
MOMD562R	29-37.5889-90.3796-4-53-000	7.2	210	1.50	0.035	.	67.0	6100	638	M	113.0	9730	0.3	0.17
MOMD563R	29-37.5424-90.3767-4-52-000	7.2	379	2.50	1.241	.	30.0	9300	185	M	130.0	11340	-0.1	3.27
MOMD564R	29-37.5241-90.3544-4-52-000	7.2	449	2.90	0.487	.	57.0	6000	303	M	79.0	7930	-0.1	1.08
MOMD565R	29-37.5172-90.3404-4-52-000	7.3	354	4.30	0.085	.	49.0	5000	192	M	141.0	6670	-0.1	0.24
MOMD566R	29- - -4-53-000	7.3	320	4.90	0.078	.	.	M	.	M	3.0	M	-0.1	0.24
MOMD567R	29-37.4969-90.4048-4-52-000	6.8	950	4.00	0.231	.	40.0	22400	.	M	310.0	20640	0.8	0.24
MOMD568R	29-37.5051-90.4652-4-52-000	7.5	296	4.20	0.254	.	53.0	4300	366	M	110.0	12080	-0.1	0.86
MOMD569R	29-37.4512-90.4877-4-52-000	7.3	280	2.80	0.158	.	96.0	8900	263	M	124.0	11630	-0.1	0.56
MOMD570R	29-37.4495-90.5303-4-52-000	7.2	387	3.30	0.221	.	.	3900	289	M	147.0	9180	-0.1	0.57
MOMD571R	29-37.4696-90.5168-4-52-000	7.2	237	3.60	1.305	.	46.0	7000	741	M	106.0	11260	0.2	5.51
MOMD572R	29-37.4814-90.4790-4-52-000	6.7	247	3.70	0.426	.	74.0	9900	67	M	115.0	8540	-0.1	1.72
MOMD573R	29-37.4498-90.4355-4-52-000	7.2	421	2.70	0.303	.	54.0	7100	50	M	163.0	8030	-0.1	0.72
MOMD574R	29-37.4713-90.4094-4-52-000	7.1	341	2.70	0.071	.	25.0	8200	157	M	121.0	8500	1.2	0.21
MOMD575R	29-37.4282-90.4031-4-52-000	7.4	289	2.20	0.179	.	68.0	6800	34	M	153.0	6330	-0.1	0.62
MOMD576R	29-37.4025-90.4062-4-52-000	7.7	224	2.90	0.264	.	65.0	6300	125	M	130.0	6180	-0.1	1.18
MOMD577R	29-37.3440-90.4495-4-52-000	6.8	121	1.50	0.061	.	76.0	5000	89	M	88.0	6180	-0.1	0.50
MOMD578R	29-37.3816-90.4699-4-52-000	7.2	331	2.00	0.133	.	62.0	8000	67	M	148.0	7510	-0.1	0.40
MOMD579R	29-37.4219-90.4560-4-52-000	7.4	377	2.70	0.195	.	80.0	7500	78	M	84.0	7810	0.3	0.52
MOMD580R	29-37.3779-90.5076-4-52-000	7.7	248	2.50	0.090	.	36.0	6300	62	M	125.0	6130	-0.1	0.36
MOMD581R	29-37.3358-90.4931-4-52-000	7.1	449	3.90	0.215	.	.	4300	75	M	117.0	6400	-0.1	0.48
MOMD582R	29-37.4088-90.5306-4-52-000	7.3	286	3.40	0.053	.	49.0	4900	.	M	135.0	5910	-0.1	0.19
MOMD583R	29-37.3826-90.5359-4-53-000	7.6	250	3.60	0.113	.	76.0	4500	63	M	130.0	6110	-0.1	0.45
MOMS501R	29-36.7840-89.4406-4-52-000	7.2	215	0.80	0.055	.	.	15700	.	M	477.0	2700	0.5	0.26
MOMS502R	29-36.7638-89.4101-4-52-000	6.9	175	0.90	0.038	.	50.0	9800	30	M	32.0	2810	-0.1	0.22
MOMS503R	29-36.7072-89.3886-4-52-000	7.0	390	2.80	-0.002	.	56.0	10700	31	M	320.0	4200	-0.1	M
MOMS504R	29-36.7298-89.3738-4-52-000	7.2	405	3.60	0.016	.	90.0	17500	52	M	309.0	4550	-0.1	0.04
MOMS505R	29-36.7457-89.3650-4-52-000	7.1	575	3.50	0.395	.	.	24700	.	M	.	12480	1.0	0.69
MOMS506R	29-36.7173-89.3565-4-52-000	7.2	460	2.70	0.146	.	.	26300	63	M	311.0	5540	-0.1	0.32
MOMS507R	29-36.6921-89.3294-4-52-000	7.1	170	1.30	3.506	.	.	9000	22	M	.	4300	-0.1	20.62
MOMS508R	29-36.6731-89.3144-4-52-000	6.9	875	4.60	1.686	.	266.0	37900	38	M	729.0	27780	0.6	1.93
MOMS509R	29-36.6610-89.2796-4-52-000	7.4	455	3.10	0.064	.	.	11000	.	M	.	M	-0.1	0.14
MOMS510R	29-36.6392-89.2682-4-52-000	7.1	695	6.00	-0.002	.	.	18800	.	M	362.0	4130	-0.1	M
MOMS511R	29-36.6101-89.2724-4-52-000	7.5	550	5.40	0.314	.	758.0	23300	.	M	.	7280	-0.1	0.57
MOMS512R	29-36.5920-89.2396-4-52-000	7.2	725	7.20	0.156	.	71.0	21500	88	M	622.0	4630	-0.1	0.22
MOMS513R	29-36.6121-89.2364-4-52-000	7.1	990	9.00	1.511	.	.	76700	.	M	.	14980	-0.1	1.53

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOMS514R	29-36.6370-89.2317-4-52-000	7.4	490	4.00	0.337	.	84.0	11900	.	M	745.0	3580	0.8	0.69
MOMS515R	29-36.6786-89.2084-4-52-000	7.4	385	3.30	0.053	.	72.0	9800	.	M	349.0	3760	-0.1	0.14
MOMS516R	29-36.6766-89.1761-4-52-000	7.1	700	8.40	2.334	.	.	19900	26	M	279.0	5800	-0.1	3.33
MOMS517R	29-36.6924-89.1856-4-52-000	7.3	600	4.80	0.696	.	.	18700	38	M	.	1490	-0.1	1.16
MOMS518R	29-36.7116-89.2135-4-52-000	7.3	425	1.40	0.131	.	54.0	15300	69	M	.	6830	-0.1	0.31
MOMS519R	29-36.7363-89.2094-4-52-000	7.2	400	3.40	0.114	.	.	9900	.	M	.	2140	-0.1	0.29
MOMS520R	29-36.7696-89.2093-4-52-000	7.3	425	4.40	0.019	.	39.0	10000	63	M	238.0	3680	-0.1	0.04
MOMS521R	29-36.7899-89.2128-4-52-000	7.3	305	3.50	-0.002	.	100.0	8900	41	M	353.0	3370	-0.1	M
MOMS522R	29-36.7972-89.1893-4-52-000	7.2	455	4.00	4.553	.	74.0	13800	50	M	181.0	9840	-0.1	10.01
MOMS523R	29-36.8339-89.4537-4-52-000	6.9	190	0.50	2.181	.	.	14000	.	M	80.0	3560	0.6	11.48
MOMS524R	29-36.8251-89.4133-4-52-000	6.7	320	1.40	0.901	.	.	12800	26	M	176.0	5340	-0.1	2.82
MOMS525R	29-36.8211-89.3747-4-52-000	7.0	270	1.50	-0.002	.	21.0	11200	12	M	.	5500	-0.1	M
MOMS526R	29-36.8132-89.3376-4-52-000	6.6	200	0.50	0.101	.	18.0	11100	35	M	25.0	3800	-0.1	0.51
MOMS527R	29-36.8212-89.2378-4-52-000	6.9	420	2.40	0.048	.	43.0	26300	.	M	456.0	14830	-0.1	0.11
MOMS528R	29-36.8218-89.2087-4-52-000	6.8	250	1.80	-0.002	.	.	14600	.	M	.	10940	-0.1	M
MOMS529R	29-36.8012-89.2486-4-52-000	6.9	450	2.40	0.022	.	32.0	29500	49	M	483.0	9880	-0.1	0.05
MOMS530R	29-36.7883-89.2983-4-52-000	7.2	270	3.20	-0.002	.	39.0	10900	.	M	227.0	5040	-0.1	M
MOMS531R	29-36.7874-89.3378-4-52-000	7.2	450	3.20	0.014	.	.	24300	64	M	251.0	7760	-0.1	0.03
MOMS532R	29-36.7670-89.3382-4-52-000	7.2	330	2.80	-0.002	.	16.0	9500	.	M	240.0	6640	-0.1	M
MOMS533R	29-36.7637-89.2756-4-52-000	7.1	330	3.60	0.008	.	22.0	10200	110	M	333.0	5330	-0.1	0.02
MOMS534R	29-36.7550-89.2422-4-52-000	7.2	280	2.20	0.118	.	.	10000	158	M	66.0	6090	0.2	0.42
MOMS535R	29-36.7343-89.2685-4-52-000	7.0	700	2.00	0.149	.	.	60300	.	M	351.0	11060	0.6	0.21
MOMS536R	29-36.7070-89.2659-4-52-000	7.7	290	2.10	0.061	.	25.0	15000	.	M	425.0	5770	-0.1	0.21
MOMS537R	29-36.6642-89.2613-4-52-000	7.3	420	3.90	0.013	.	.	72300	5263	M	.	146000	9.2	0.03
MOMS538R	29-36.7048-89.3018-4-52-000	7.2	300	2.50	-0.002	.	.	8700	64	M	.	5220	-0.1	M
MOMS539R	29-36.7317-89.3077-4-52-000	7.3	460	4.00	-0.002	.	24.0	41400	.	M	561.0	11550	-0.1	M
MOMS540R	29-36.7922-89.3747-4-52-000	7.3	260	1.20	0.151	.	.	15600	.	M	.	10530	-0.1	0.58
MOMS541R	29-36.7909-89.4063-4-52-000	7.0	260	1.00	0.012	.	68.0	9600	36	M	101.0	21190	2.3	0.05
MOMS542R	29-36.8179-89.2978-4-52-000	7.1	280	1.90	0.006	.	39.0	8700	17	M	443.0	4600	-0.1	0.02
MOMS543R	29-36.8523-89.4973-4-52-000	7.9	300	0.20	-0.002	.	783.0	22800	.	M	58.0	2420	-0.1	M
MOMS544R	29-36.8769-89.4876-4-52-000	7.1	200	1.20	-0.002	.	19.0	7400	.	M	172.0	3620	-0.1	M
MOMS545R	29-36.8741-89.4512-4-52-000	6.8	160	0.32	0.021	.	59.0	10200	34	M	37.0	7610	0.5	0.13
MOMS546R	29-36.8578-89.4509-4-52-000	6.7	210	0.60	0.010	.	24.0	18400	.	M	61.0	3740	-0.1	0.05
MOMS547R	29-36.8471-89.4103-4-52-000	6.5	240	0.16	-0.002	.	.	26300	.	M	51.0	6600	-0.1	M
MOMS548R	29-36.8907-89.4108-4-52-000	6.9	310	1.30	0.226	.	37.0	18900	.	M	248.0	6450	0.8	0.73
MOMS549R	29-36.8814-89.3747-4-52-000	7.2	320	1.20	0.206	.	615.0	23100	44	M	164.0	10270	-0.1	0.64
MOMS550R	29-36.8551-89.3742-4-52-000	7.2	600	2.40	4.628	.	.	M	.	M	.	M	-0.1	7.71
MOMS551R	29-36.8897-89.3295-4-52-000	7.2	280	0.80	0.048	.	68.0	15900	17	M	60.0	11360	-0.1	0.17
MOMS552R	29-36.8755-89.2957-4-52-000	7.1	240	0.80	0.007	.	18.0	19700	.	M	462.0	4410	-0.1	0.03
MOMS553R	29-36.8526-89.2844-4-52-000	6.5	200	0.26	0.012	.	61.0	11300	25	M	150.0	4200	0.8	0.06
MOMS554R	29-36.8533-89.2504-4-52-000	6.6	410	0.80	0.201	.	.	M	.	M	.	M	-0.1	0.49
MOMS555R	29-36.9154-89.2179-4-52-000	7.2	400	3.40	0.531	.	33.0	9100	85	M	.	6550	-0.1	1.33
MOMS556R	29-36.8785-89.2262-4-52-000	6.8	260	0.60	0.028	.	59.0	20900	.	M	64.0	9780	-0.1	0.11
MOMS557R	29-36.8443-89.2089-4-52-000	7.1	310	2.60	0.010	.	.	10900	42	M	.	7660	-0.1	0.03
MOMS558R	29-36.8624-89.1833-4-52-000	7.0	420	3.00	0.119	.	.	9900	149	M	251.0	6030	-0.1	0.28
MOMS559R	29-36.8847-89.1862-4-52-000	7.2	490	4.40	11.430	.	31.0	10600	24	M	365.0	6100	-0.1	23.33
MOMS560R	29-36.9162-89.1814-4-52-000	7.4	360	2.80	1.752	.	36.0	13200	102	M	.	5600	2.0	4.87
MOMS561R	29-36.8961-89.1500-4-52-000	7.2	520	4.10	0.005	.	.	24200	.	M	.	9510	-0.1	0.01
MOMS562R	29-36.9194-89.1405-4-52-000	7.0	800	7.40	0.012	.	6416.0	16900	27	M	260.0	9140	-0.1	0.02
MOMS563R	29-36.9129-89.3920-4-52-000	7.0	140	0.60	0.015	.	.	14300	.	M	.	3410	-0.1	0.11
MOMS564R	29-36.9498-89.3590-4-52-000	6.8	100	0.60	-0.002	.	58.0	6700	9	M	26.0	2380	0.4	M
MOMS565R	29-36.9843-89.3340-4-52-000	6.8	1225	7.20	2.821	.	.	93000	.	M	.	M	-0.1	2.30
MOMS566R	29-36.9781-89.3632-4-52-000	7.0	1375	1.30	4.752	.	.	285600	.	M	405.0	85950	-0.1	3.46

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOMS567R	29-36.9203-89.2950-4-52-000	7.4	395	1.50	0.022	.	.	23900	.	M	.	12400	-0.1	0.06
MOMS568R	29-36.9118-89.2680-4-52-000	7.2	450	4.80	0.003	.	19.0	8300	61	M	193.0	4190	0.2	0.01
MOMS569R	29-36.9344-89.2264-4-52-000	7.5	355	3.20	0.011	.	33.0	8500	.	M	147.0	5120	-0.1	0.03
MOMS570R	29-36.9444-89.2664-4-52-000	7.2	750	4.90	2.838	.	95.0	24600	80	M	1010.0	10030	-0.1	3.78
MOMS571R	29-36.9427-89.2980-4-52-000	6.7	550	5.10	0.074	.	126.0	16700	66	M	660.0	4890	-0.1	0.13
MOMS572R	29-36.9375-89.3251-4-52-000	8.2	130	1.10	0.061	.	9.0	8800	.	M	164.0	2030	-0.1	0.47
MOMS573R	29-36.9657-89.2854-4-52-000	7.5	700	6.10	0.027	.	116.0	24400	116	M	685.0	4600	-0.1	0.04
MOMS574R	29-36.9809-89.2560-4-52-000	7.5	525	4.50	-0.002	.	.	13500	98	M	.	2440	-0.1	M
MOMS575R	29-36.9817-89.2093-4-52-000	7.2	625	6.40	0.098	.	138.0	18300	44	M	312.0	4530	-0.1	0.16
MOMS576R	29-36.9636-89.1930-4-52-000	7.2	525	5.60	-0.002	.	73.0	14300	.	M	.	3200	-0.1	M
MOMS577R	29-36.9459-89.1777-4-52-000	7.3	525	6.60	0.042	.	90.0	15200	152	M	252.0	4810	-0.1	0.08
MOMS578R	29-36.9601-89.1488-4-52-000	7.2	575	5.70	0.021	.	.	10900	52	M	.	3990	-0.1	0.04
MOMS579R	29-36.9377-89.4031-4-52-000	7.0	155	1.10	0.019	.	49.0	11900	.	M	28.0	4890	-0.1	0.12
MONE501R	29-36.4404-89.9355-4-52-000	7.6	185	1.50	-0.002	.	51.0	11800	.	M	87.0	4060	-0.1	M
MONE502R	29-36.4076-89.9352-4-52-000	7.4	270	2.30	0.017	.	.	11600	.	M	668.0	3130	-0.1	0.06
MONE503R	29-36.4024-89.9023-4-52-000	7.3	295	2.90	0.029	.	.	8900	32	M	274.0	2900	-0.1	0.10
MONE504R	29-36.4025-89.8681-4-52-000	7.2	345	3.20	0.048	.	.	M	.	M	.	M	-0.1	0.14
MONE505R	29-36.4661-89.9071-4-52-000	7.1	205	1.00	0.004	.	36.0	13900	.	M	87.0	4290	-0.1	0.02
MONE506R	29-36.4771-89.9281-4-52-000	7.3	395	3.70	0.159	.	.	11800	.	M	.	9400	-0.1	0.40
MONE507R	29-36.4934-89.9070-4-52-000	7.6	420	3.50	0.636	.	.	14300	.	M	231.0	11070	-0.1	1.51
MONE508R	29-36.5098-89.9472-4-52-000	7.8	180	1.40	0.044	.	46.0	12400	.	M	225.0	3140	-0.1	0.24
MONE509R	29-36.5207-89.9290-4-52-000	7.7	155	1.20	-0.002	.	58.0	7700	67	M	84.0	2600	-0.1	M
MONE510R	29-36.5200-89.9075-4-52-000	7.0	345	1.60	0.088	.	28.0	16500	.	M	71.0	12750	-0.1	0.26
MONE511R	29-36.5652-89.8933-4-52-000	7.2	140	0.35	0.032	.	67.0	12400	60	M	38.0	4360	0.6	0.23
MONE512R	29-36.5676-89.9352-4-52-000	7.3	330	3.00	-0.002	.	354.0	14200	.	M	323.0	3740	-0.1	M
MONE513R	29-36.5990-89.9506-4-52-000	7.5	215	1.30	0.016	.	38.0	11700	68	M	215.0	7680	-0.1	0.07
MONE514R	29-36.5809-89.9097-4-52-000	7.0	195	0.70	0.006	.	26.0	14100	13	M	167.0	2590	-0.1	0.03
MONE515R	29-36.5861-89.8605-4-52-000	6.9	195	0.70	0.051	.	.	10400	.	M	227.0	5030	-0.1	0.26
MONE516R	29-36.5536-89.8614-4-52-000	7.0	310	1.20	-0.002	.	.	17500	.	M	160.0	12660	-0.1	M
MONE517R	29-36.5325-89.8616-4-52-000	7.1	275	2.30	0.009	.	.	27000	.	M	354.0	11210	-0.1	0.03
MONE518R	29-36.5048-89.8792-4-52-000	7.1	245	1.10	0.026	.	.	27700	.	M	.	18230	-0.1	0.11
MONE519R	29-36.4772-89.8595-4-52-000	7.1	370	2.90	0.050	.	42.0	11700	.	M	123.0	3440	-0.1	0.14
MONE520R	29-36.4763-89.8226-4-52-000	6.9	255	1.30	-0.002	.	36.0	12100	.	M	37.0	4690	-0.1	M
MONE521R	29-36.4940-89.8235-4-52-000	7.0	305	2.10	-0.002	.	33.0	22100	.	M	132.0	12930	-0.1	M
MONE522R	29-36.5023-89.7999-4-52-000	7.0	350	2.10	-0.002	.	.	15500	.	M	.	5460	-0.1	M
MONE523R	29-36.5348-89.8065-4-52-000	6.7	285	1.10	0.006	.	60.0	10200	58	M	216.0	3880	-0.1	0.02
MONE524R	29-36.5344-89.8313-4-52-000	7.1	310	3.00	-0.002	.	51.0	8600	31	M	74.0	2410	-0.1	M
MONE525R	29-36.5558-89.8067-4-52-000	7.1	155	0.50	-0.002	.	15.0	15500	.	M	117.0	4280	0.6	M
MONE526R	29-36.6077-89.8091-4-52-000	6.7	365	1.20	0.011	.	55.0	14200	38	M	146.0	10000	0.4	0.03
MONE527R	29-36.6045-89.8519-4-52-000	6.9	280	2.10	0.011	.	970.0	11700	123	M	119.0	12560	-0.1	0.04
MONE528R	29-36.5828-89.8366-4-52-000	7.0	1200	3.10	0.539	.	.	M	.	M	.	M	-0.1	0.45
MONE529R	29-36.4278-89.7214-4-52-000	6.7	455	1.60	-0.002	.	.	29100	.	M	99.0	7980	-0.1	M
MONE530R	29-36.4079-89.7448-4-52-000	6.9	280	2.60	-0.002	.	72.0	10400	54	M	408.0	4660	-0.1	M
MONE531R	29-36.4125-89.7975-4-52-000	7.1	315	3.00	-0.002	.	.	16900	.	M	.	5340	-0.1	M
MONE532R	29-36.4190-89.8214-4-52-000	6.7	450	2.30	0.083	.	.	24700	.	M	.	M	-0.1	0.18
MONE533R	29-36.4357-89.8255-4-52-000	7.2	245	1.40	0.004	.	.	7900	36	M	.	27450	-0.1	0.02
MONE534R	29-36.4431-89.8619-4-52-000	6.8	335	2.00	0.177	.	63.0	13600	60	M	276.0	6730	0.3	0.53
MONE535R	29-36.4470-89.7978-4-52-000	6.8	305	1.50	0.012	.	34.0	21100	.	M	1073.0	8570	-0.1	0.04
MONE536R	29-36.4772-89.7957-4-52-000	7.0	155	0.90	15.250	.	19.0	8800	40	M	568.0	3780	-0.1	98.39
MONE537R	29-36.4769-89.7588-4-52-000	7.1	345	2.30	-0.002	.	45.0	10400	98	M	37.0	38760	-0.1	M
MONE538R	29-36.4778-89.7289-4-52-000	6.9	300	2.10	0.091	.	.	9400	83	M	.	M	-0.1	0.30
MONE539R	29-36.4367-89.7488-4-52-000	7.1	345	2.70	0.074	.	105.0	10800	41	M	155.0	6180	-0.1	0.21
MONE540R	29-36.5007-89.7348-4-52-000	7.1	235	1.30	-0.002	.	27.0	11600	25	M	373.0	8230	-0.1	M

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MONE541R	29-36.5068-89.7549-4-52-000	7.0	370	2.60	0.028	.	.	15800	74	M	315.0	5370	-0.1	0.08
MONE542R	29-36.5242-89.7412-4-52-000	7.0	380	2.70	0.012	.	53.0	15400	54	M	293.0	6750	-0.1	0.03
MONE543R	29-36.5288-89.7167-4-52-000	7.1	370	3.00	0.006	.	38.0	8600	68	M	127.0	4470	-0.1	0.02
MONE544R	29-36.5536-89.7096-4-52-000	6.9	320	2.80	-0.002	.	.	13100	.	M	487.0	4850	-0.1	M
MONE545R	29-36.5838-89.7507-4-52-000	6.6	445	0.70	0.019	.	.	15500	18	M	97.0	9060	-0.1	0.04
MONE546R	29-36.6123-89.7689-4-52-000	6.5	235	0.50	0.006	.	.	24700	.	M	.	15670	-0.1	0.03
MONE547R	29-36.6098-89.7235-4-52-000	6.6	725	0.90	0.049	.	43.0	88100	95	M	674.0	55360	-0.1	0.07
MONE548R	29-36.7599-89.6918-4-52-000	6.9	330	2.10	-0.002	.	.	13300	19	M	280.0	4050	-0.1	M
MONE549R	29-36.7757-89.6927-4-52-000	7.1	415	3.10	0.389	.	.	M	.	M	311.0	M	-0.1	0.94
MONE550R	29-36.7179-89.6149-4-52-000	7.2	330	2.00	0.175	.	902.0	19300	.	M	251.0	13460	-0.1	0.53
MONE551R	29-36.7251-89.5594-4-52-000	6.9	340	0.70	0.074	.	55.0	17600	15	M	.	10880	0.4	0.22
MONE552R	29-36.7227-89.5347-4-52-000	7.0	305	0.60	-0.002	.	.	19500	.	M	.	16220	-0.1	M
MONE553R	29-36.7488-89.5314-4-52-000	6.9	230	1.30	0.038	.	.	15400	67	M	60.0	4310	-0.1	0.17
MONE554R	29-36.7832-89.5241-4-52-000	6.8	235	0.30	0.005	.	60.0	13300	.	M	.	3400	-0.1	0.02
MONE555R	29-36.7841-89.4896-4-52-000	7.0	265	0.70	0.010	.	.	39400	.	M	81.0	13390	-0.1	0.04
MONE556R	29-36.7573-89.4794-4-52-000	6.9	405	1.80	0.147	.	.	24000	.	M	185.0	14200	0.8	0.36
MONE557R	29-36.7332-89.4818-4-52-000	7.0	195	0.50	0.015	.	64.0	14200	.	M	143.0	8520	-0.1	0.08
MONE558R	29-36.7489-89.4496-4-52-000	6.7	300	0.40	0.026	.	.	26100	.	M	.	4170	-0.1	0.09
MONE559R	29-36.7374-89.4291-4-52-000	6.5	170	0.20	-0.002	.	52.0	11900	28	M	52.0	5490	-0.1	M
MONE560R	29-36.4196-89.6691-4-52-000	6.7	200	1.30	-0.002	.	.	5800	42	M	.	3690	-0.1	M
MONE561R	29-36.4204-89.6363-4-52-000	7.0	270	1.30	0.451	.	.	10400	54	M	.	3010	1.3	1.67
MONE562R	29-36.4220-89.6041-4-52-000	6.9	380	3.00	17.610	.	.	9200	.	M	.	8410	-0.1	46.34
MONE563R	29-36.4168-89.5603-4-52-000	7.1	490	4.10	0.336	.	39.0	10300	82	M	234.0	7120	-0.1	0.69
MONE564R	29-36.3777-89.5482-4-52-000	7.2	520	5.20	0.466	.	.	17200	117	M	.	10960	-0.1	0.90
MONE565R	29-36.4505-89.5759-4-52-000	7.3	320	2.60	0.021	.	.	10600	81	M	161.0	4340	-0.1	0.07
MONE566R	29-36.4393-89.6114-4-52-000	7.1	330	2.60	0.010	.	17.0	9200	51	M	340.0	3890	-0.1	0.03
MONE567R	29-36.4437-89.6402-4-52-000	7.0	420	2.60	0.104	.	.	22900	.	M	.	7350	-0.1	0.25
MONE568R	29-36.4479-89.6842-4-52-000	6.8	130	0.75	0.002	.	58.0	11500	123	M	184.0	4350	-0.1	0.02
MONE569R	29-36.4741-89.6812-4-52-000	6.7	680	3.40	0.035	.	2354.0	90900	.	M	.	18050	-0.1	0.05
MONE570R	29-36.4973-89.6830-4-52-000	7.0	200	1.60	0.007	.	.	15900	.	M	.	7480	-0.1	0.04
MONE571R	29-36.5206-89.6823-4-52-000	6.8	380	3.00	0.009	.	.	15600	.	M	653.0	10540	-0.1	0.02
MONE572R	29-36.5567-89.6736-4-52-000	6.9	340	1.00	0.018	.	.	14900	.	M	549.0	11410	0.2	0.05
MONE573R	29-36.6098-89.6904-4-52-000	7.1	230	0.55	0.011	.	.	14800	46	M	51.0	12700	0.2	0.05
MONE574R	29-36.6437-89.6670-4-52-000	6.6	180	0.80	0.025	.	.	12000	.	M	.	M	-0.1	0.14
MONE575R	29-36.6706-89.6755-4-52-000	6.7	370	2.40	0.226	.	68.0	13300	111	M	289.0	19130	-0.1	0.61
MONE576R	29-36.7007-89.6738-4-52-000	6.9	290	1.40	6.491	.	17.0	19700	.	M	402.0	6840	-0.1	22.38
MONE577R	29-36.6892-89.6519-4-52-000	6.7	420	2.00	0.289	.	22.0	18200	73	M	286.0	11640	-0.1	0.69
MONE578R	29-36.6853-89.6022-4-52-000	6.9	310	1.60	0.008	.	.	17800	.	M	947.0	5810	-0.1	0.03
MONE579R	29-36.6885-89.5603-4-52-000	6.6	160	0.95	-0.002	.	70.0	16200	28	M	118.0	2700	-0.1	M
MONE580R	29-36.6606-89.5754-4-52-000	6.2	110	0.40	-0.002	.	.	12600	.	M	.	3700	-0.1	M
MONE581R	29-36.6709-89.6100-4-52-000	6.5	300	1.80	0.002	.	.	16000	144	M	278.0	6710	-0.1	0.01
MONE582R	29-36.6446-89.6263-4-52-000	6.5	190	1.00	-0.002	.	.	11300	.	M	.	M	-0.1	M
MONE583R	29-36.6109-89.6078-4-52-000	6.9	300	2.20	0.020	.	47.0	10100	73	M	197.0	10560	-0.1	0.07
MONE584R	29-36.6099-89.5743-4-52-000	6.6	250	1.20	0.016	.	.	15900	.	M	.	M	-0.1	0.06
MONE585R	29-36.6272-89.5622-4-52-000	6.7	490	2.40	1.075	.	41.0	12200	73	M	191.0	13080	1.1	2.19
MONE586R	29-36.5999-89.6426-4-52-000	6.8	550	4.20	0.011	.	.	43000	.	M	755.0	14430	-0.1	0.02
MONE587R	29-36.5716-89.6261-4-52-000	6.8	140	0.80	0.010	.	58.0	9400	93	M	172.0	4930	-0.1	0.07
MONE588R	29-36.5598-89.6086-4-52-000	6.6	310	1.20	0.004	.	.	19300	.	M	703.0	8890	-0.1	0.01
MONE589R	29-36.5367-89.6112-4-52-000	6.6	410	2.60	-0.002	.	46.0	20000	.	M	460.0	6420	-0.1	M
MONE590R	29-36.5260-89.6466-4-52-000	6.8	370	3.20	-0.002	.	61.0	13100	.	M	521.0	11340	-0.1	M
MONE591R	29-36.4951-89.6386-4-52-000	7.8	600	3.00	-0.002	.	.	61200	.	M	738.0	12910	-0.1	M
MONE592R	29-36.5042-89.5922-4-52-000	7.1	470	2.60	0.583	.	28.0	21300	.	M	224.0	7050	-0.1	1.24
MONE593R	29-36.4728-89.5965-4-52-000	7.1	490	4.10	0.907	.	.	17800	.	M	.	7130	-0.1	1.85

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U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MON594R	29-36.4660-89.6280-4-52-000	7.0	420	3.40	0.950	.	41.0	9300	59	M	370.0	3200	0.3	2.26
MON595R	29-36.6035-89.5242-4-52-000	7.2	430	2.00	0.021	.	.	29700	.	M	.	7920	-0.1	0.05
MON596R	29-36.5892-89.4061-4-52-000	6.8	900	8.50	-0.002	.	.	17200	107	M	278.0	10960	-0.1	M
MON597R	29-36.6375-89.4953-4-52-000	6.8	230	1.40	0.227	.	61.0	18000	.	M	97.0	7730	0.3	0.99
MON598R	29-36.6456-89.5142-4-52-000	6.5	180	1.20	0.003	.	45.0	8700	87	M	115.0	3550	-0.1	0.02
MON599R	29-36.6662-89.5298-4-52-000	6.6	320	1.60	0.169	.	.	13800	.	M	48.0	10510	2.1	0.53
MON600R	29-36.7039-89.5374-4-52-000	6.9	370	2.20	0.004	.	62.0	10400	44	M	662.0	6660	-0.1	0.01
MON601R	29-36.6984-89.5092-4-52-000	6.2	150	0.60	-0.002	.	.	12600	.	M	32.0	4640	0.4	M
MON602R	29-36.6658-89.4941-4-52-000	6.0	300	0.60	-0.002	.	73.0	20800	.	M	122.0	5280	0.5	M
MON603R	29-36.6781-89.4560-4-52-000	6.4	310	1.00	-0.002	.	24.0	24900	.	M	286.0	6490	-0.1	M
MON604R	29-36.6664-89.4106-4-52-000	6.4	250	1.30	0.010	.	.	13200	.	M	25.0	4940	1.2	0.04
MON605R	29-36.7030-89.4198-4-52-000	5.9	230	1.50	-0.002	.	.	27700	.	M	65.0	6120	-0.1	M
MON606R	29-36.7452-89.5598-4-52-000	7.8	575	0.70	0.083	.	.	135300	.	M	.	70980	-0.1	0.14
MON607R	29-36.8118-89.4816-4-52-000	7.6	230	0.90	-0.002	.	41.0	19600	.	M	269.0	5330	-0.1	M
MON608R	29-36.8221-89.5288-4-52-000	7.2	210	0.50	-0.002	.	10.0	13700	.	M	11.0	7930	-0.1	M
MON609R	29-36.8413-89.5360-4-52-000	7.8	105	0.20	0.014	.	.	11400	16	M	21.0	5190	-0.1	0.13
MON610R	29-36.8172-89.6190-4-52-000	7.2	230	2.30	0.003	.	.	13300	.	M	286.0	4370	-0.1	0.01
MON611R	29-36.8401-89.6396-4-52-000	6.8	200	1.10	-0.002	.	.	11800	92	M	481.0	5760	-0.1	M
MON612R	29-36.8390-89.6854-4-52-000	6.8	220	0.25	-0.002	.	1274.0	20900	.	M	39.0	8740	2.9	M
MON613R	29-36.8237-89.6845-4-52-000	6.7	205	0.20	0.014	.	.	13800	.	M	22.0	6990	0.6	0.07
MON614R	29-36.8195-89.6452-4-52-000	6.8	160	0.50	-0.002	.	.	8500	.	M	27.0	3920	0.2	M
MON615R	29-36.7896-89.6485-4-52-000	6.8	290	1.60	0.087	.	53.0	12300	15	M	254.0	4000	-0.1	0.30
MON616R	29-36.7909-89.6171-4-52-000	6.8	375	1.50	0.111	.	151.0	19400	.	M	90.0	2850	0.4	0.30
MON617R	29-36.7891-89.5599-4-52-000	7.1	140	0.25	0.025	.	89.0	11300	.	M	34.0	7200	0.8	0.18
MON618R	29-36.8039-89.5792-4-52-000	7.2	285	2.30	0.131	.	20.0	12600	.	M	.	2860	-0.1	0.46
MON619R	29-36.7598-89.6272-4-52-000	6.5	220	0.25	-0.002	.	99.0	16500	.	M	62.0	5030	-0.1	M
MON620R	29-36.7165-89.6462-4-52-000	6.9	270	1.90	0.250	.	.	11600	.	M	245.0	6520	-0.1	0.93
MON621R	29-36.7145-89.6663-4-52-000	6.7	280	2.20	0.013	.	.	11400	119	M	222.0	8300	0.5	0.05
MONW501R	29-37.0210-94.0819-4-52-000	7.6	260	3.20	0.140	.	38.0	4800	25	M	31.0	5940	-0.1	0.54
MONW502R	29-37.0218-94.1111-4-52-000	7.9	280	2.40	0.531	.	31.0	3500	236	M	61.0	10640	-0.1	1.90
MONW503R	29-37.0203-94.1447-4-52-000	7.7	235	1.50	0.072	.	68.0	8000	128	M	51.0	16040	-0.1	0.31
MONW504R	29-37.0241-94.2033-4-52-000	7.6	170	1.20	0.081	.	46.0	4100	39	M	60.0	7910	-0.1	0.48
MONW505R	29-37.0224-94.2389-4-52-000	7.5	410	3.50	-0.002	.	47.0	6000	21	M	44.0	5990	-0.1	M
MONW506R	29-37.0235-94.3110-4-52-000	7.2	285	2.10	0.145	.	79.0	5600	77	M	46.0	11180	0.5	0.51
MONW507R	29-37.0254-94.2708-4-52-000	7.4	400	3.80	-0.002	.	46.0	4100	39	M	54.0	7530	-0.1	M
MONW508R	29-36.9954-94.3042-4-52-000	7.5	210	2.40	0.188	.	58.0	5500	117	M	42.0	5800	0.4	0.90
MONW509R	29-36.9951-94.2708-4-52-000	7.4	380	3.60	0.291	.	149.0	16000	.	M	49.0	14830	1.1	0.77
MONW510R	29-36.9943-94.2394-4-52-000	7.7	310	2.70	0.248	.	153.0	11700	.	M	29.0	7940	0.4	0.80
MONW511R	29-36.9910-94.1816-4-52-000	7.7	300	3.10	0.282	.	55.0	5200	37	M	42.0	6050	0.6	0.94
MONW512R	29-36.9899-94.1487-4-52-000	7.7	400	2.50	0.331	.	159.0	15600	.	M	50.0	8940	-0.1	0.83
MONW513R	29-36.9892-94.1079-4-52-000	7.8	350	3.40	0.278	.	55.0	5900	233	M	47.0	9780	0.4	0.79
MONW514R	29-36.9884-94.0760-4-52-000	7.9	250	1.90	0.162	.	22.0	13500	18	M	46.0	9740	0.5	0.65
MONW515R	29-36.9546-94.0801-4-52-000	8.0	300	2.80	0.171	.	85.0	9300	.	M	38.0	5790	0.4	0.57
MONW516R	29-36.9298-94.0901-4-52-000	7.6	325	3.70	0.110	.	115.0	10700	.	M	51.0	6990	-0.1	0.34
MONW517R	29-36.9321-94.1232-4-52-000	7.7	450	3.20	0.200	.	302.0	21200	25	M	46.0	10450	-0.1	0.44
MONW518R	29-36.9589-94.1163-4-52-000	7.6	330	4.10	0.163	.	40.0	8100	.	M	33.0	6390	0.4	0.49
MONW519R	29-36.9655-94.1499-4-52-000	7.5	390	4.70	-0.002	.	43.0	9500	18	M	44.0	6650	-0.1	M
MONW520R	29-36.9416-94.1697-4-52-000	7.4	295	3.20	0.204	.	68.0	6200	.	M	71.0	5410	-0.1	0.69
MONW521R	29-36.9626-94.2076-4-52-000	7.3	400	4.50	-0.002	.	50.0	6100	52	M	52.0	6100	0.4	M
MONW522R	29-36.9660-94.2435-4-52-000	7.3	350	4.70	0.245	.	42.0	5900	.	M	17.0	5770	0.5	0.70
MONW523R	29-36.9580-94.2797-4-52-000	7.4	320	3.90	0.439	.	64.0	5700	24	M	35.0	5070	-0.1	1.37
MONW524R	29-36.9670-94.3165-4-52-000	7.6	310	3.40	-0.002	.	55.0	10900	48	M	44.0	10940	-0.1	M
MONW525R	29-36.9353-94.3115-4-52-000	7.6	310	3.80	-0.002	.	.	5800	.	M	36.0	5670	-0.1	M

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MONW526R	29-36.9284-94.2806-4-52-000	7.5	320	4.20	0.186	.	129.0	6200	35	M	45.0	5610	0.6	0.58
MONW527R	29-36.9326-94.2263-4-52-000	7.5	290	2.90	0.242	.	51.0	5400	28	M	59.0	5370	-0.1	0.83
MONW528R	29-36.9299-94.1852-4-52-000	7.9	260	2.60	0.184	.	84.0	5900	19	M	42.0	5130	0.5	0.71
MONW529R	29-37.0242-94.3502-4-52-000	7.3	275	2.50	0.342	.	32.0	3100	44	M	30.0	5830	-0.1	1.24
MONW530R	29-37.0274-94.4059-4-52-000	7.6	315	3.40	0.141	.	76.0	7000	.	M	33.0	7550	-0.1	0.45
MONW531R	29-37.0295-94.4397-4-53-000	7.1	290	3.20	0.288	.	58.0	6700	20	M	35.0	6010	0.5	0.99
MONW532R	29-37.0302-94.4757-4-52-000	7.5	335	4.90	0.387	.	45.0	5000	33	M	39.0	5950	0.3	1.16
MONW533R	29-37.0322-94.5264-4-52-000	7.4	300	3.20	0.348	.	89.0	6000	36	M	37.0	6160	-0.1	1.16
MONW534R	29-37.0384-94.5545-4-52-000	7.1	600	2.50	0.100	.	.	102300	.	M	4804.0	35960	-0.1	0.17
MONW535R	29-37.0364-94.6122-4-52-000	7.6	320	4.20	0.123	.	26.0	5200	172	M	205.0	8760	-0.1	0.38
MONW536R	29-37.0036-94.6054-4-52-000	7.5	400	4.50	-0.002	.	30.0	3700	39	M	80.0	6190	0.7	M
MONW537R	29-37.0063-94.4807-4-52-000	7.4	250	3.40	0.251	.	26.0	3400	332	M	50.0	10230	-0.1	1.00
MONW538R	29-36.9725-94.4436-4-52-000	7.5	430	5.50	0.257	.	35.0	4600	.	M	49.0	5960	-0.1	0.60
MONW539R	29-36.9931-94.4301-4-52-000	7.5	345	3.20	-0.002	.	23.0	2900	34	M	51.0	6520	-0.1	M
MONW540R	29-36.9954-94.3997-4-52-000	7.2	310	3.50	0.158	.	34.0	3000	41	M	40.0	5410	0.6	0.51
MONW541R	29-36.9863-94.3555-4-52-000	7.7	280	3.50	0.227	.	28.0	2900	90	M	78.0	7120	-0.1	0.81
MONW542R	29-36.9579-94.3516-4-52-000	7.7	380	4.80	-0.002	.	58.0	3200	81	M	58.0	6760	-0.1	M
MONW543R	29-36.9274-94.3495-4-52-000	7.2	460	5.40	0.145	.	80.0	10400	.	M	39.0	6280	-0.1	0.32
MONW544R	29-36.9580-94.3956-4-52-000	7.5	360	4.20	0.365	.	47.0	4600	43	M	39.0	6080	-0.1	1.01
MONW545R	29-36.9365-94.4443-4-52-000	6.8	380	3.40	0.122	.	41.0	10500	.	M	74.0	9240	-0.1	0.32
MONW546R	29-36.9413-94.4742-4-52-000	7.1	300	4.50	0.238	.	63.0	3300	43	M	63.0	5430	-0.1	0.79
MONW547R	29-36.9676-94.4807-4-52-000	7.1	330	3.40	0.130	.	36.0	8700	.	M	46.0	7260	-0.1	0.39
MONW548R	29-36.9911-94.5152-4-52-000	7.2	390	3.90	0.472	.	37.0	3400	32	M	52.0	5550	-0.1	1.21
MONW549R	29-36.9692-94.5316-4-52-000	7.6	330	2.60	0.227	.	45.0	3800	49	M	38.0	7120	0.9	0.69
MONW550R	29-36.9413-94.5351-4-52-000	7.5	335	3.50	0.294	.	23.0	2800	45	M	45.0	6420	0.5	0.88
MONW551R	29-36.9391-94.6031-4-52-000	7.3	275	2.80	0.100	.	46.0	4800	17	M	63.0	6240	-0.1	0.36
MONW552R	29-36.9803-94.6150-4-52-000	6.9	190	1.50	0.119	.	86.0	8200	.	M	64.0	6570	-0.1	0.63
MONW553R	29-37.0054-94.5549-4-52-000	7.4	360	3.10	0.222	.	74.0	5500	39	M	47.0	6500	-0.1	0.62
MONW554R	29-36.9797-94.5654-4-52-000	7.2	380	4.30	0.296	.	77.0	8100	.	M	43.0	5500	0.4	0.78
MONW555R	29-36.9458-94.5643-4-52-000	7.4	330	4.00	0.197	.	51.0	4600	57	M	43.0	6130	-0.1	0.60
MONW556R	29-36.9298-94.4000-4-52-000	7.4	320	4.50	0.163	.	62.0	3300	36	M	50.0	6080	0.3	0.51
MONW557R	29-36.8446-94.3603-4-52-000	7.8	273	1.50	0.354	.	55.0	6300	26	M	53.0	8590	-0.1	1.30
MONW558R	29-36.8808-94.3430-4-52-000	7.6	302	1.80	0.288	.	50.0	4900	.	M	40.0	6160	-0.1	0.95
MONW559R	29-36.9040-94.3635-4-52-000	7.6	310	2.10	0.332	.	44.0	3000	21	M	48.0	6130	0.3	1.07
MONW560R	29-36.9037-94.3982-4-52-000	7.7	277	1.90	-0.002	.	50.0	3900	28	M	45.0	6280	-0.1	M
MONW561R	29-36.9089-94.4374-4-52-000	7.2	331	2.40	0.130	.	86.0	10300	.	M	42.0	7980	-0.1	0.39
MONW562R	29-36.9115-94.4805-4-52-000	7.5	357	2.40	0.050	.	68.0	7300	246	M	49.0	9290	0.9	0.14
MONW563R	29-36.9080-94.5264-4-52-000	7.2	271	1.60	0.208	.	22.0	3700	.	M	59.0	5730	-0.1	0.77
MONW564R	29-36.9033-94.5607-4-52-000	7.2	290	1.80	0.107	.	138.0	9800	18	M	45.0	11100	0.4	0.37
MONW565R	29-36.9124-94.6029-4-52-000	7.6	267	1.60	-0.002	.	48.0	3400	34	M	59.0	6950	-0.1	M
MONW566R	29-36.8872-94.6069-4-52-000	6.8	238	1.30	0.122	.	75.0	8000	.	M	47.0	8470	-0.1	0.51
MONW567R	29-36.8565-94.6028-4-52-000	7.3	329	1.90	0.214	.	92.0	10200	.	M	52.0	9270	-0.1	0.65
MONW568R	29-36.8439-94.5622-4-52-000	7.4	263	2.00	0.122	.	52.0	3600	12	M	46.0	6280	0.5	0.46
MONW569R	29-36.8708-94.4037-4-52-000	7.6	341	2.50	-0.002	.	22.0	3400	17	M	54.0	6710	-0.1	M
MONW570R	29-36.8769-94.4415-4-52-000	7.8	245	1.70	0.389	.	22.0	3100	98	M	45.0	7210	-0.1	1.59
MONW571R	29-36.8688-94.4780-4-52-000	7.4	298	2.20	0.227	.	56.0	6700	22	M	46.0	7000	0.3	0.76
MONW572R	29-36.8773-94.5593-4-52-000	8.0	240	1.80	0.115	.	49.0	3500	220	M	46.0	7610	0.3	0.48
MONW573R	29-36.8746-94.5212-4-52-000	7.6	263	1.50	-0.002	.	.	8900	.	M	46.0	9440	-0.1	M
MONW574R	29-36.8488-94.5180-4-52-000	7.6	369	2.90	0.417	.	31.0	4500	.	M	48.0	7190	-0.1	1.13
MONW575R	29-36.8472-94.4785-4-52-000	7.4	337	2.50	0.335	.	24.0	4000	25	M	47.0	6800	0.4	0.99
MONW576R	29-36.8471-94.4452-4-52-000	7.9	380	2.60	-0.002	.	33.0	3300	41	M	45.0	8660	-0.1	M
MONW577R	29-36.8441-94.4061-4-52-000	7.8	345	2.10	-0.002	.	44.0	4700	298	M	73.0	10180	0.5	M
MONW578R	29-36.8101-94.4128-4-52-000	7.6	367	2.60	-0.002	.	32.0	3200	74	M	57.0	6800	-0.1	M

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

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U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MONW579R	29-36.8080-94.4484-4-52-000	7.8	294	2.20	-0.002	.	.	4400	320	M	33.0	11710	0.4	M
MONW580R	29-36.8219-94.4819-4-52-000	7.6	370	2.30	-0.002	.	39.0	3300	50	M	47.0	7720	-0.1	M
MONW581R	29-36.8161-94.5228-4-52-000	7.6	340	2.70	-0.002	.	21.0	3500	26	M	44.0	7060	-0.1	M
MONW582R	29-36.8088-94.5712-4-52-000	7.9	264	2.00	0.303	.	33.0	3100	246	M	57.0	7640	-0.1	1.15
MONW583R	29-36.8115-94.6117-4-52-000	7.8	256	1.90	0.099	.	21.0	3200	389	M	50.0	10200	-0.1	0.39
MONW584R	29-36.7857-94.6086-4-52-000	8.0	236	1.10	-0.002	.	.	5900	.	M	56.0	6550	-0.1	M
MONW585R	29-36.7775-94.5728-4-52-000	7.6	314	2.00	-0.002	.	38.0	4100	59	M	46.0	7560	-0.1	M
MONW586R	29-36.7785-94.5198-4-52-000	7.6	300	1.90	-0.002	.	28.0	3500	670	M	.	6280	-0.1	M
MONW587R	29-36.7850-94.4669-4-52-000	7.6	377	2.20	-0.002	.	36.0	3500	96	M	20.0	6990	-0.1	M
MONW588R	29-36.7771-94.4411-4-52-000	8.1	236	1.50	-0.002	.	23.0	4600	491	M	.	11180	-0.1	M
MONW589R	29-36.7731-94.3998-4-52-000	7.6	312	2.00	-0.002	.	43.0	3600	29	M	.	5870	-0.1	M
MONW590R	29-36.7691-94.3256-4-52-000	6.8	432	1.40	0.092	.	141.0	33700	.	M	.	24990	-0.1	0.21
MONW591R	29-36.8942-94.2813-4-52-000	7.2	265	2.30	-0.002	.	44.0	3500	43	M	.	5050	-0.1	M
MONW592R	29-36.9047-94.2293-4-52-000	7.1	270	2.80	0.385	.	56.0	3700	16	M	14.0	6400	0.7	1.43
MONW593R	29-36.8761-94.2355-4-52-000	7.3	236	2.10	-0.002	.	62.0	4100	.	M	12.0	6540	0.4	M
MONW594R	29-36.8783-94.2006-4-52-000	7.5	200	2.00	-0.002	.	26.0	2800	29	M	24.0	5730	0.7	M
MONW595R	29-36.8923-94.1912-4-52-000	7.3	228	2.00	-0.002	.	52.0	3900	.	M	43.0	6390	-0.1	M
MONW596R	29-36.9029-94.1542-4-52-000	7.3	233	2.20	0.305	.	53.0	4800	25	M	.	5640	-0.1	1.31
MONW597R	29-36.9032-94.1270-4-52-000	7.1	330	3.50	0.400	.	25.0	3300	.	M	33.0	5730	1.1	1.21
MONW598R	29-36.8987-94.0926-4-52-000	7.1	290	3.10	0.158	.	67.0	5900	.	M	24.0	6010	-0.1	0.54
MONW599R	29-36.8735-94.1257-4-52-000	6.3	165	1.20	0.033	.	61.0	5000	.	M	33.0	8480	-0.1	0.20
MONW600R	29-36.8678-94.0949-4-52-000	7.1	320	3.30	-0.002	.	109.0	7000	27	M	139.0	6600	-0.1	M
MONW601R	29-36.8295-94.0869-4-52-000	7.3	270	2.80	0.484	.	.	3100	76	M	19.0	7260	0.4	1.79
MONW602R	29-36.8466-94.1161-4-52-000	7.4	310	3.10	-0.002	.	45.0	3300	83	M	27.0	6860	-0.1	M
MONW603R	29-36.8502-94.1716-4-52-000	6.9	360	2.70	0.223	.	.	11100	.	M	25.0	11140	0.5	0.62
MONW604R	29-36.8462-94.2021-4-52-000	7.1	445	3.90	0.246	.	168.0	21800	.	M	38.0	15530	-0.1	0.55
MONW605R	29-36.8739-94.1563-4-52-000	7.4	282	2.30	0.288	.	68.0	6900	50	M	42.0	8240	0.8	1.02
MONW606R	29-36.8683-94.2793-4-52-000	7.5	300	3.10	-0.002	.	23.0	2900	51	M	40.0	9070	-0.1	M
MONW607R	29-36.8051-94.0851-4-52-000	7.4	248	2.30	-0.002	.	30.0	3200	60	M	41.0	6190	-0.1	M
MONW608R	29-36.8087-94.1180-4-52-000	7.2	383	2.50	0.426	.	.	9600	.	M	41.0	10310	-0.1	1.11
MONW609R	29-36.8098-94.1624-4-52-000	7.3	290	3.00	0.341	.	40.0	3700	18	M	47.0	6360	-0.1	1.18
MONW610R	29-36.8042-94.1999-4-52-000	7.3	305	3.00	-0.002	.	.	2300	16	M	81.0	4970	0.3	M
MONW611R	29-36.8137-94.2555-4-52-000	7.4	295	3.30	-0.002	.	25.0	3300	.	M	.	4260	-0.1	M
MONW612R	29-36.8179-94.2763-4-52-000	7.4	287	2.80	0.379	.	29.0	4000	56	M	.	4940	-0.1	1.32
MONW613R	29-36.8474-94.2484-4-52-000	7.4	307	2.90	-0.002	.	73.0	4900	141	M	.	7290	-0.1	M
MONW614R	29-36.8509-94.2795-4-52-000	7.2	268	1.90	0.080	.	116.0	12100	19	M	16.0	5770	-0.1	0.30
MONW615R	29-36.8452-94.3085-4-52-000	7.2	475	2.70	-0.002	.	.	20400	.	M	.	7580	0.6	M
MONW616R	29-36.8702-94.3174-4-52-000	7.2	370	3.00	0.121	.	50.0	7600	.	M	15.0	4340	0.5	0.33
MONW617R	29-36.9035-94.3135-4-52-000	7.2	338	3.50	-0.002	.	43.0	3100	35	M	70.0	4130	-0.1	M
MONW618R	29-36.8247-94.3146-4-52-000	7.2	220	1.90	0.125	.	87.0	9000	.	M	18.0	5080	0.4	0.57
MONW619R	29-36.7991-94.3235-4-52-000	7.0	430	2.90	0.473	.	70.0	7300	20	M	.	7460	-0.1	1.10
MONW620R	29-36.7623-94.2900-4-52-000	7.4	299	2.10	-0.002	.	95.0	7500	.	M	.	4320	-0.1	M
MONW621R	29-36.7785-94.2337-4-52-000	6.8	263	1.80	0.100	.	79.0	6200	.	M	14.0	3650	0.5	0.38
MONW622R	29-36.7817-94.1992-4-52-000	7.6	268	1.90	-0.002	.	33.0	5600	170	M	.	8020	-0.1	M
MONW623R	29-36.7793-94.1663-4-52-000	6.8	263	2.20	0.137	.	103.0	7900	.	M	19.0	5190	1.1	0.52
MONW624R	29-36.7781-94.1291-4-52-000	7.2	333	1.90	-0.002	.	134.0	5600	.	M	18.0	7000	0.4	M
MONW625R	29-36.7807-94.0864-4-52-000	7.5	292	1.70	-0.002	.	77.0	6100	.	M	20.0	5140	-0.1	M
MONW626R	29-36.7757-94.3571-4-52-000	7.4	310	2.00	0.079	.	40.0	3500	46	M	.	5250	-0.1	0.25
MOOR501R	29-36.8101-91.1774-4-52-000	7.5	510	4.40	2.924	.	121.0	22700	18	M	417.0	13510	1.1	5.73
MOOR502R	29-36.7272-91.1215-4-52-000	7.3	340	3.20	0.309	.	.	3300	.	M	236.0	5310	0.3	0.91
MOOR503R	29-36.6831-91.1235-4-52-000	7.2	980	4.20	1.087	.	.	80000	.	M	516.0	54720	-0.1	1.11
MOOR504R	29-36.6786-91.2211-4-52-000	7.6	348	2.60	0.125	.	38.0	3200	.	M	236.0	5670	0.4	0.36
MOOR505R	29-36.7201-91.2288-4-52-000	7.6	351	3.00	0.296	.	.	4300	15	M	243.0	5790	0.4	0.84

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

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U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOOR506R	29-36.7112-91.2837-4-52-000	7.8	239	1.80	0.053	.	56.0	8300	.	M	208.0	6970	0.4	0.22
MOOR507R	29-36.8210-91.2848-4-52-000	7.4	430	4.00	0.167	.	19.0	2900	24	M	281.0	5640	0.7	0.39
MOOR508R	29-36.8566-91.2848-4-53-000	7.9	405	3.40	0.195	.	12.0	2500	21	M	266.0	5320	-0.1	0.48
MOOR509R	29-36.8806-91.2587-4-52-000	7.2	510	3.70	0.092	.	.	5800	.	M	425.0	10850	-0.1	0.18
MOOR510R	29-36.7738-91.3462-4-52-000	7.2	496	4.80	0.296	.	.	16300	.	M	309.0	7340	0.4	0.60
MOOR511R	29-36.7651-91.4015-4-52-000	7.4	440	3.40	0.187	.	.	8700	12	M	265.0	7120	0.2	0.43
MOOR512R	29-36.7201-91.3860-4-52-000	7.5	419	3.20	0.259	.	109.0	25200	.	M	263.0	9780	-0.1	0.62
MOOR513R	29-36.7116-91.3383-4-52-000	7.5	380	3.60	0.243	.	22.0	4300	.	M	260.0	6480	-0.1	0.64
MOOR514R	29-36.6775-91.3262-4-52-000	7.4	482	3.00	0.170	.	17.0	4900	.	M	272.0	6290	-0.1	0.35
MOOR515R	29-36.6729-91.2901-4-52-000	7.5	410	2.80	0.072	.	.	5600	15	M	282.0	5380	-0.1	0.18
MOOR516R	29-36.5859-91.2304-4-52-000	7.4	472	4.60	0.106	.	27.0	6300	.	M	273.0	6300	-0.1	0.22
MOOR517R	29-36.5589-91.2256-4-52-000	7.1	600	11.80	0.236	.	39.0	12800	40	M	496.0	12080	-0.1	0.39
MOOR518R	29-36.5436-91.2639-4-52-000	7.1	520	5.00	0.389	.	118.0	15900	26	M	497.0	13900	-0.1	0.75
MOOR519R	29-36.5277-91.3367-4-52-000	7.5	389	3.40	0.158	.	.	5600	.	M	265.0	5460	-0.1	0.41
MOOR520R	29-36.5381-91.4004-4-52-000	7.2	505	4.20	0.237	.	.	16800	20	M	453.0	11530	-0.1	0.47
MOOR521R	29-36.6032-91.3831-4-52-000	7.0	590	5.00	0.340	.	50.0	14300	.	M	443.0	13100	-0.1	0.58
MOOR522R	29-36.6748-91.4095-4-52-000	6.9	430	3.50	0.262	.	.	6400	29	M	163.0	3630	-0.1	0.61
MOOR524R	29-36.5747-91.1538-4-52-000	7.3	465	4.60	0.169	.	.	6600	.	M	223.0	3440	-0.1	0.36
MOOR525R	29-36.7800-91.2115-4-52-000	7.6	399	3.00	0.371	.	.	11400	16	M	.	3890	0.3	0.93
MOOR526R	29-36.6375-91.3405-4-52-000	7.8	102	0.20	0.016	.	24.0	9800	.	M	78.0	7010	-0.1	0.16
MOOR527R	29-36.6167-91.2953-4-52-000	7.5	490	4.30	0.078	.	.	7900	.	M	.	3940	-0.1	0.16
MOOR528R	29-36.5849-91.2825-4-52-000	7.3	505	4.40	0.323	.	.	19100	.	M	393.0	12440	0.6	0.64
MOOR529R	29-36.5813-91.3321-4-52-000	7.3	455	3.70	0.162	.	38.0	6700	21	M	.	4160	0.6	0.36
MOOR530R	29-36.6253-91.3938-4-52-000	7.4	600	4.80	0.163	.	.	10200	.	M	324.0	5620	-0.1	0.27
MOOR531R	29-36.6220-91.2405-4-52-000	7.5	482	4.80	0.103	.	22.0	4300	13	M	.	2930	0.5	0.21
MOOR532R	29-36.6464-91.1767-4-52-000	7.6	405	3.50	0.518	.	.	6500	25	M	182.0	3560	-0.1	1.28
MOOR533R	29-36.7301-91.3016-4-52-000	7.9	382	3.40	0.116	.	28.0	5100	24	M	172.0	2730	0.4	0.30
MOOR534R	29-36.7890-91.1847-4-52-000	7.5	490	3.80	0.757	.	.	4800	.	M	215.0	3190	-0.1	1.54
MOOR537R	29-36.5107-91.5949-4-52-000	6.9	700	4.50	0.314	.	56.0	24400	.	M	.	10020	0.7	0.45
MOOR538R	29-36.5125-91.6363-4-52-000	7.2	480	4.10	0.239	.	.	4400	.	M	235.0	2980	-0.1	0.50
MOOR539R	29-36.5499-91.6311-4-52-000	6.9	900	5.40	0.054	.	.	23000	.	M	379.0	10790	-0.1	0.06
MOOR540R	29-36.5569-91.5792-4-52-000	7.0	600	4.30	0.204	.	.	11000	20	M	341.0	6220	0.5	0.34
MOOR541R	29-36.5991-91.6395-4-52-000	6.9	700	4.70	0.364	.	.	18000	.	M	382.0	7670	-0.1	0.52
MOOR542R	29-36.5952-91.5903-4-52-000	7.2	410	4.30	0.117	.	.	4800	36	M	200.0	3140	-0.1	0.29
MOOR543R	29-36.6368-91.5921-4-52-000	7.2	600	4.30	0.229	.	55.0	9400	.	M	350.0	6040	-0.1	0.38
MOOR544R	29-36.6477-91.6385-4-52-000	7.1	500	4.60	0.155	.	67.0	9500	.	M	342.0	5870	0.4	0.31
MOOR545R	29-36.6963-91.6185-4-52-000	7.5	380	3.30	0.535	.	.	7400	23	M	215.0	3300	-0.1	1.41
MOOR546R	29-36.6918-91.5849-4-52-000	7.4	400	3.60	0.127	.	.	8000	10	M	208.0	3630	0.3	0.32
MOOR547R	29-36.6940-91.4939-4-52-000	7.2	800	5.30	0.928	.	215.0	41200	.	M	371.0	13440	-0.1	1.16
MOOR548R	29-36.6738-91.4572-4-52-000	6.8	600	3.10	0.407	.	.	24400	.	M	321.0	12500	-0.1	0.68
MOOR549R	29-36.6451-91.4472-4-52-000	7.0	700	5.30	0.950	.	.	9500	.	M	360.0	6190	0.5	1.36
MOOR550R	29-36.4994-91.5305-4-52-000	7.1	500	4.00	0.097	.	.	8900	.	M	357.0	6200	-0.1	0.19
MOOR551R	29-36.5241-91.4574-4-52-000	7.3	700	6.00	0.510	.	59.0	15400	57	M	391.0	7830	-0.1	0.73
MOOR552R	29-36.5292-91.5243-4-52-000	7.4	600	4.70	0.209	.	.	10600	25	M	347.0	6320	-0.1	0.35
MOOR553R	29-36.5757-91.4629-4-52-000	7.2	600	4.60	0.414	.	.	32800	.	M	428.0	14450	-0.1	0.69
MOOR554R	29-36.5922-91.5021-4-52-000	7.4	600	4.40	0.156	.	53.0	12100	25	M	343.0	6480	0.4	0.26
MOOR555R	29-36.6322-91.4966-4-52-000	7.3	700	4.40	0.254	.	67.0	18300	71	M	385.0	8240	0.6	0.36
MOOR556R	29-36.7153-91.4565-4-52-000	7.6	400	3.20	0.143	.	44.0	4500	.	M	.	3400	-0.1	0.36
MOOR557R	29-36.7499-91.4822-4-52-000	7.6	360	2.80	0.188	.	.	5400	29	M	184.0	5820	-0.1	0.52
MOOR558R	29-36.7346-91.5007-4-52-000	7.6	380	3.60	0.108	.	.	5400	20	M	211.0	5170	-0.1	0.28
MOOR559R	29-36.7679-91.5233-4-52-000	7.3	700	5.80	0.167	.	28.0	14600	55	M	371.0	9310	-0.1	0.24
MOOR560R	29-36.7822-91.5673-4-52-000	7.5	350	3.40	0.147	.	15.0	2800	10	M	167.0	3260	-0.1	0.42
MOOR561R	29-36.7433-91.6195-4-52-000	7.8	340	2.80	0.132	.	.	4900	15	M	201.0	4410	-0.1	0.39

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

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J, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOOR562R	29-36.7256-91.5661-4-52-000	7.5	410	4.00	0.152	.	42.0	6600	34	M	.	4450	0.4	0.37
MOOR563R	29-36.8153-91.5126-4-52-000	7.6	450	4.20	0.095	.	.	3200	27	M	226.0	3900	0.5	0.21
MOOR564R	29-36.8430-91.5233-4-52-000	7.9	370	3.10	0.427	.	.	2600	51	M	203.0	3610	-0.1	1.15
MOOR565R	29-36.8420-91.5568-4-52-000	7.7	490	3.20	0.213	.	.	15600	.	M	226.0	6940	-0.1	0.43
MOOR566R	29-36.7735-91.4065-4-52-000	7.2	440	3.40	0.098	.	11.0	9200	20	M	229.0	6360	-0.1	0.22
MOOR567R	29-36.8820-91.5614-4-52-000	6.9	310	2.90	0.184	.	16.0	3100	.	M	212.0	4060	0.4	0.59
MOOR568R	29-36.8297-91.4954-4-52-000	7.3	290	2.40	0.102	.	.	2600	20	M	197.0	3310	0.4	0.35
MOOR569R	29-36.5650-91.3383-4-52-000	7.7	398	4.40	0.144	.	.	2400	32	M	231.0	3580	0.4	0.36
MOOR570R	29-36.5556-91.3089-4-52-000	7.2	590	6.40	0.184	.	.	19200	.	M	411.0	8980	-0.1	0.31
MOOR571R	29-36.5601-91.2721-4-52-000	7.6	410	4.20	0.301	.	.	3800	.	M	240.0	3990	0.2	0.73
MOOR572R	29-36.5209-91.3073-4-52-000	7.3	590	6.20	0.248	.	51.0	8100	.	M	465.0	9170	1.2	0.42
MOOR573R	29-36.5058-91.2765-4-52-000	7.5	420	5.80	0.119	.	.	5600	.	M	249.0	5210	0.3	0.28
MOOR574R	29-36.5075-91.2220-4-52-000	7.0	690	6.40	0.310	.	34.0	9000	.	M	473.0	9240	1.1	0.45
MOOR575R	29-36.5504-91.1939-4-52-000	7.3	390	5.00	0.072	.	.	2800	64	M	294.0	5110	-0.1	0.18
MOOR576R	29-36.5331-91.1738-4-52-000	7.5	430	4.80	0.231	.	18.0	2600	20	M	263.0	4870	0.4	0.54
MOOR577R	29-36.5361-91.1423-4-52-000	7.3	510	6.80	0.685	.	.	12700	.	M	585.0	9280	-0.1	1.34
MOOR578R	29-36.5902-91.1476-4-52-000	7.5	510	5.40	0.162	.	20.0	9900	17	M	256.0	6430	0.4	0.32
MOOR579R	29-36.6595-91.2710-4-52-000	7.6	400	4.00	0.100	.	.	3000	18	M	215.0	5160	0.5	0.25
MOOR580R	29-36.6935-91.2755-4-52-000	7.6	335	3.20	0.163	.	20.0	2700	13	M	215.0	4540	-0.1	0.49
MOOR581R	29-36.6832-91.3063-4-52-000	7.5	482	4.00	0.105	.	.	5200	.	M	245.0	4790	0.5	0.22
MOOR582R	29-36.6907-91.3771-4-52-000	7.2	430	5.00	0.180	.	32.0	4300	15	M	258.0	5040	0.4	0.42
MOOR583R	29-36.6911-91.3503-4-52-000	7.6	340	4.60	0.093	.	.	4500	13	M	231.0	4540	0.7	0.27
MOOR584R	29-36.6599-91.3851-4-52-000	7.3	430	5.40	0.171	.	.	5300	22	M	262.0	4880	0.4	0.40
MOOR585R	29-36.6521-91.3483-4-52-000	7.6	380	4.60	0.115	.	37.0	5400	16	M	250.0	5140	0.4	0.30
MOOR586R	29-36.6221-91.2077-4-52-000	7.6	390	4.80	0.146	.	58.0	6900	.	M	233.0	4970	-0.1	0.37
MOOR587R	29-36.5968-91.2073-4-52-000	7.5	375	4.40	0.093	.	29.0	4400	26	M	238.0	5170	0.3	0.25
MOOR588R	29-36.6523-91.1462-4-52-000	7.2	600	6.40	0.154	.	64.0	12100	.	M	408.0	10080	-0.1	0.26
MOOR589R	29-36.6587-91.2243-4-52-000	7.7	370	2.80	0.130	.	.	6500	.	M	228.0	5610	0.6	0.35
MOOR590R	29-36.6260-91.2685-4-52-000	7.3	650	6.00	0.119	.	40.0	7600	26	M	234.0	4930	-0.1	0.18
MOOR591R	29-36.5350-91.5509-4-52-000	7.1	500	7.30	0.170	.	.	4000	24	M	303.0	5320	0.5	0.34
MOOR592R	29-36.5333-91.5889-4-52-000	7.3	490	6.00	0.269	.	.	6500	16	M	256.0	5830	0.2	0.55
MOOR593R	29-36.5570-91.5541-4-52-000	7.1	520	7.10	0.236	.	.	9900	.	M	.	5600	0.3	0.45
MOOR594R	29-36.5871-91.5509-4-52-000	7.3	510	6.90	0.179	.	.	3200	41	M	296.0	4820	0.2	0.35
MOOR595R	29-36.5585-91.5228-4-52-000	7.3	495	6.80	0.095	.	.	2800	16	M	310.0	4930	-0.1	0.19
MOOR596R	29-36.5265-91.4274-4-52-000	7.4	462	4.30	0.122	.	.	7200	22	M	189.0	6710	-0.1	0.26
MOOR597R	29-36.5641-91.4286-4-52-000	7.1	520	6.70	0.139	.	.	2700	45	M	240.0	5030	0.4	0.27
MOOR598R	29-36.5491-91.4818-4-52-000	6.3	135	0.86	0.010	.	22.0	7200	11	M	115.0	6620	-0.1	0.07
MOOR599R	29-36.6046-91.4751-4-52-000	7.0	500	5.60	0.135	.	.	2600	28	M	.	5250	-0.1	0.27
MOOR600R	29-36.6278-91.4297-4-52-000	7.5	340	3.80	0.144	.	.	4500	18	M	174.0	5380	-0.1	0.42
MOOR601R	29-36.6956-91.4270-4-52-000	7.2	475	6.00	0.281	.	.	2600	.	M	.	5470	-0.1	0.59
MOOR602R	29-36.6976-91.4660-4-52-000	7.4	380	4.30	0.274	.	.	3700	18	M	174.0	5970	-0.1	0.72
MOOR603R	29-36.6390-91.6444-4-52-000	7.4	410	4.60	0.175	.	.	2500	16	M	185.0	5410	-0.1	0.43
MOOR604R	29-36.6142-91.5561-4-52-000	7.3	440	4.20	0.143	.	.	6400	.	M	.	6920	0.2	0.33
MOOR605R	29-36.6779-91.5947-4-52-000	7.5	410	4.50	0.243	.	.	8800	22	M	183.0	8450	-0.1	0.59
MOOR606R	29-36.7123-91.5417-4-53-000	7.2	330	3.80	0.184	.	.	3200	18	M	.	5440	0.3	0.56
MOOR607R	29-36.7267-91.4259-4-52-000	7.5	370	2.40	0.250	.	.	3400	30	M	186.0	5050	-0.1	0.68
MOOR608R	29-36.7504-91.4272-4-52-000	7.6	350	4.00	0.060	.	.	3200	30	M	152.0	5420	0.6	0.17
MOOR609R	29-36.7521-91.5568-4-52-000	7.2	500	5.80	0.251	.	.	4700	32	M	205.0	3800	-0.1	0.50
MOOR610R	29-36.7903-91.5192-4-52-000	7.9	195	1.70	0.046	.	20.0	3200	19	M	.	1610	-0.1	0.24
MOOR611R	29-36.7625-91.5807-4-52-000	7.7	360	4.00	0.170	.	12.0	2600	28	M	.	1700	0.2	0.47
MOOR612R	29-36.5641-91.3919-4-52-000	7.1	500	6.20	0.141	.	.	2600	28	M	.	1520	-0.1	0.28
MOOR613R	29-36.5219-91.1453-4-52-000	7.3	510	5.40	0.231	.	16.0	5400	23	M	.	3250	-0.1	0.45
MOPE501R	29-36.0129-89.7424-4-52-000	6.5	700	6.00	0.893	.	105.0	17200	58	M	560.0	4210	-0.1	1.28

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOPE502R	29-36.0357-89.7963-4-52-000	7.1	700	4.50	0.037	.	36.0	18200	49	M	359.0	6860	-0.1	0.05
MOPE503R	29-36.0603-89.7992-4-52-000	7.2	630	5.80	0.049	.	.	48900	.	M	1043.0	7340	-0.1	0.08
MOPE504R	29-36.0453-89.7455-4-52-000	7.2	580	3.80	0.602	.	.	34900	.	M	1060.0	9440	-0.1	1.04
MOPE505R	29-36.0601-89.7191-4-52-000	7.1	800	7.00	-0.002	.	201.0	24100	.	M	392.0	11050	-0.1	M
MOPE506R	29-36.0690-89.7137-4-52-000	7.0	700	4.40	0.050	.	.	M	.	M	.	M	-0.1	0.07
MOPE507R	29-36.0857-89.7380-4-52-000	7.3	480	4.70	0.034	.	33.0	11900	.	M	353.0	8240	-0.1	0.07
MOPE508R	29-36.0789-89.7696-4-52-000	7.0	600	5.80	-0.002	.	32.0	25900	.	M	592.0	10750	-0.1	M
MOPE509R	29-36.1187-89.7852-4-52-000	7.2	600	3.90	4.780	.	.	26200	.	M	1258.0	7780	-0.1	7.97
MOPE510R	29-36.1155-89.7462-4-52-000	7.1	800	5.40	0.083	.	117.0	19800	.	M	511.0	2840	-0.1	0.10
MOPE511R	29-36.1223-89.6720-4-52-000	7.2	600	4.80	9.338	.	.	18000	112	M	234.0	1970	-0.1	15.56
MOPE512R	29-36.1220-89.6385-4-52-000	7.1	700	5.90	1.531	.	51.0	24500	.	M	414.0	5250	-0.1	2.19
MOPE513R	29-36.1443-89.6329-4-52-000	7.2	550	6.30	0.019	.	61.0	29900	.	M	369.0	22080	-0.1	0.03
MOPE514R	29-36.1197-89.7106-4-52-000	7.7	340	1.60	0.019	.	.	16700	.	M	294.0	11390	-0.1	0.06
MOPE515R	29-36.1446-89.7025-4-52-000	7.0	240	1.70	0.231	.	55.0	7400	121	M	119.0	1620	0.3	0.96
MOPE516R	29-36.1473-89.7406-4-52-000	6.9	410	3.00	0.017	.	69.0	21200	.	M	245.0	3720	-0.1	0.04
MOPE517R	29-36.1714-89.7510-4-52-000	7.1	900	4.40	-0.002	.	.	118000	.	M	675.0	18870	-0.1	M
MOPE518R	29-36.1786-89.6988-4-52-000	7.3	390	2.80	0.341	.	.	11300	70	M	462.0	6190	0.3	2.41
MOPE519R	29-36.2059-89.7033-4-52-000	7.3	430	4.00	0.557	.	29.0	9700	.	M	191.0	2160	-0.1	1.30
MOPE520R	29-36.2016-89.7892-4-52-000	7.2	410	1.80	0.457	.	.	25600	.	M	517.0	20940	-0.1	1.11
MOPE521R	29-36.2553-89.7843-4-52-000	7.3	390	2.60	0.001	.	13.0	12900	.	M	380.0	6050	-0.1	0.00
MOPE522R	29-36.2792-89.7486-4-52-000	7.1	330	1.90	0.350	.	48.0	10400	59	M	136.0	8000	0.3	1.06
MOPE523R	29-36.3012-89.7734-4-52-000	7.0	320	2.20	1.456	.	52.0	13100	43	M	146.0	16110	-0.1	4.55
MOPE524R	29-36.3023-89.7167-4-52-000	5.4	160	0.70	0.077	.	40.0	8200	.	M	297.0	5130	-0.1	0.48
MOPE525R	29-36.2769-89.7117-4-52-000	6.5	490	3.40	11.330	.	.	12600	.	M	182.0	2380	-0.1	23.12
MOPE526R	29-36.2495-89.7179-4-52-000	6.9	410	2.60	0.789	.	.	14900	.	M	317.0	7500	-0.1	1.92
MOPE527R	29-36.2504-89.7540-4-52-000	6.7	490	2.60	0.248	.	77.0	28300	.	M	359.0	13500	-0.1	0.51
MOPE528R	29-36.3114-89.7370-4-52-000	7.0	420	2.40	1.164	.	33.0	16500	.	M	350.0	8550	-0.1	2.77
MOPE529R	29-36.3141-89.6695-4-52-000	7.3	170	0.80	0.049	.	35.0	6800	74	M	.	1710	-0.1	0.29
MOPE530R	29-36.3368-89.6530-4-52-000	6.7	600	3.00	1.303	.	796.0	54700	.	M	659.0	9880	-0.1	2.17
MOPE531R	29-36.3366-89.6962-4-52-000	7.2	400	1.40	0.023	.	11.0	36900	.	M	669.0	23150	-0.1	0.06
MOPE532R	29-36.3446-89.7425-4-52-000	7.0	590	3.40	0.018	.	137.0	39400	.	M	415.0	17860	-0.1	0.03
MOPE533R	29-36.3452-89.7711-4-52-000	6.9	290	1.00	0.843	.	.	10700	17	M	256.0	8420	-0.1	2.91
MOPE534R	29-36.3669-89.7849-4-52-000	6.9	320	2.60	0.047	.	34.0	17000	.	M	.	6690	0.5	0.15
MOPE535R	29-36.3802-89.7373-4-52-000	6.9	340	2.60	0.009	.	87.0	13100	.	M	302.0	9030	-0.1	0.03
MOPE536R	29-36.4067-89.7372-4-52-000	6.8	220	1.70	-0.002	.	22.0	10000	78	M	430.0	4720	-0.1	M
MOPE537R	29-36.4035-89.7023-4-52-000	7.0	370	1.50	0.003	.	.	M	.	M	.	M	-0.1	0.01
MOPE538R	29-36.3816-89.7063-4-52-000	6.5	220	1.30	-0.002	.	41.0	13100	32	M	236.0	7520	-0.1	M
MOPE539R	29-36.3783-89.6664-4-52-000	6.6	260	1.60	0.007	.	.	10900	19	M	262.0	7820	-0.1	0.03
MOPE540R	29-36.3754-89.6185-4-52-000	6.8	680	3.00	0.034	.	71.0	72000	.	M	273.0	26460	-0.1	0.05
MOPE541R	29-36.3932-89.6314-4-52-000	7.1	300	2.40	-0.002	.	48.0	8400	.	M	298.0	9070	-0.1	M
MOPE542R	29-36.0535-89.8313-4-52-000	7.1	390	4.40	-0.002	.	38.0	9000	47	M	118.0	2680	-0.1	M
MOPE543R	29-36.0156-89.9364-4-52-000	6.9	700	4.40	-0.002	.	.	27500	.	M	566.0	14120	-0.1	M
MOPE544R	29-36.0570-89.9409-4-52-000	7.2	305	3.10	0.011	.	78.0	11800	.	M	397.0	5570	-0.1	0.04
MOPE545R	29-36.0870-89.9071-4-52-000	7.2	115	0.35	0.039	.	45.0	6900	.	M	11.0	1650	0.6	0.34
MOPE546R	29-36.1900-89.8912-4-52-000	7.2	430	2.70	0.057	.	78.0	14100	.	M	259.0	8610	-0.1	0.13
MOPE547R	29-36.1806-89.8636-4-52-000	7.0	315	1.80	0.005	.	.	17300	.	M	1218.0	12620	-0.1	0.02
MOPE548R	29-36.1699-89.8123-4-52-000	7.1	525	4.50	0.004	.	.	17500	.	M	521.0	2100	-0.1	0.01
MOPE549R	29-36.1388-89.8293-4-52-000	7.0	410	3.20	-0.002	.	42.0	10700	28	M	223.0	6160	-0.1	M
MOPE550R	29-36.1045-89.8260-4-52-000	7.1	305	2.10	0.262	.	1400.0	9500	.	M	2286.0	3350	-0.1	0.86
MOPE551R	29-36.0886-89.8688-4-52-000	7.3	290	2.10	0.229	.	81.0	18000	.	M	472.0	4880	-0.1	0.79
MOPE552R	29-36.1043-89.8792-4-52-000	7.1	700	6.30	0.268	.	.	27200	.	M	937.0	2040	-0.1	0.38
MOPE553R	29-36.1165-89.9234-4-52-000	6.4	355	2.40	-0.002	.	.	14300	.	M	.	5340	-0.1	M
MOPE554R	29-36.1657-89.9371-4-52-000	6.5	265	2.10	-0.002	.	31.0	8000	49	M	237.0	3680	-0.1	M

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOPE555R	29-36.1559-89.8795-4-52-000	6.9	175	0.60	-0.002	.	.	11300	.	M	30.0	4080	-0.1	M
MOPE556R	29-36.2112-89.8071-4-52-000	7.1	525	3.10	0.085	.	164.0	32500	.	M	304.0	12950	-0.1	0.16
MOPE557R	29-36.2360-89.8201-4-52-000	7.2	395	2.50	0.997	.	.	22500	.	M	234.0	8620	-0.1	2.52
MOPE558R	29-36.2333-89.8464-4-52-000	6.8	305	1.80	0.018	.	106.0	16100	.	M	582.0	7130	-0.1	0.06
MOPE559R	29-36.2043-89.9089-4-52-000	6.7	415	1.50	0.145	.	.	39300	.	M	881.0	12610	-0.1	0.35
MOPE560R	29-36.2845-89.9063-4-52-000	7.1	330	2.50	0.013	.	29.0	10700	.	M	366.0	4230	-0.1	0.04
MOPE561R	29-36.2815-89.8251-4-52-000	6.9	480	2.60	0.178	.	65.0	30900	.	M	1444.0	14820	-0.1	0.37
MOPE562R	29-36.3360-89.8589-4-52-000	6.9	340	2.00	0.077	.	.	26400	.	M	1159.0	10050	0.4	0.23
MOPE563R	29-36.3870-89.8551-4-52-000	6.7	305	1.90	-0.002	.	40.0	10400	29	M	496.0	5600	-0.1	M
MOPE564R	29-36.3866-89.8341-4-52-000	6.9	275	1.90	-0.002	.	.	12700	.	M	137.0	4720	-0.1	M
MOPE565R	29-36.2874-89.8629-4-52-000	7.9	345	1.90	0.116	.	16.0	14600	.	M	121.0	5690	-0.1	0.34
MOPE566R	29-36.3015-89.8556-4-52-000	7.1	415	2.40	0.196	.	.	26800	.	M	522.0	5820	-0.1	0.47
MOPE567R	29-36.3026-89.9070-4-52-000	7.2	375	3.10	-0.002	.	.	9300	.	M	214.0	6040	-0.1	M
MOPE568R	29-36.3501-89.8853-4-52-000	6.8	305	2.80	0.031	.	72.0	12400	.	M	302.0	6340	-0.1	0.10
MOPE569R	29-36.3680-89.8979-4-52-000	7.2	495	2.70	0.012	.	.	42500	.	M	453.0	10200	-0.1	0.02
MOPE570R	29-36.3682-89.9423-4-52-000	7.5	370	2.30	-0.002	.	.	15300	.	M	.	4690	-0.1	M
MOPE571R	29-36.3330-89.9253-4-52-000	7.1	325	1.90	-0.002	.	.	24400	.	M	251.0	3150	-0.1	M
MOPE572R	29-36.3240-89.9526-4-52-000	7.3	195	1.60	0.035	.	29.0	8000	46	M	216.0	3360	-0.1	0.18
MOPE573R	29-36.2042-89.8463-4-52-000	6.9	345	2.90	0.019	.	30.0	8200	.	M	135.0	1500	-0.1	0.06
MOPE574R	29-36.0297-89.8695-4-52-000	7.3	600	4.80	0.004	.	95.0	16700	150	M	175.0	5960	0.4	0.01
MOPE575R	29-36.0136-89.8221-4-52-000	6.1	170	1.20	-0.002	.	24.0	10900	.	M	257.0	7010	-0.1	M
MOPH501R	29-38.0391-91.7617-4-52-000	7.6	600	6.50	0.203	.	170.0	19700	31	M	.	4330	-0.1	0.34
MOPH502R	29-38.0210-91.7650-4-52-000	7.6	900	5.40	0.544	.	80.0	16400	.	M	56.0	11130	1.5	0.60
MOPH503R	29-38.0419-91.7282-4-52-000	7.4	700	6.00	0.198	.	44.0	13400	.	M	43.0	6100	-0.1	0.28
MOPH504R	29-38.0131-91.7274-4-52-000	7.8	700	3.40	0.637	.	222.0	27700	90	M	73.0	19810	-0.1	0.91
MOPH505R	29-38.0266-91.6989-4-52-000	7.5	900	5.80	0.745	.	139.0	14100	.	M	61.0	14500	-0.1	0.83
MOPH506R	29-38.0386-91.6820-4-52-000	7.6	800	6.00	0.734	.	.	19400	.	M	62.0	9620	0.8	0.92
MOPH507R	29-38.0383-91.6486-4-52-000	7.7	600	6.00	0.787	.	128.0	19600	.	M	65.0	7090	-0.1	1.31
MOPH508R	29-38.0213-91.6342-4-52-000	7.9	500	7.10	0.836	.	257.0	31800	48	M	115.0	19180	-0.1	1.67
MOPH509R	29-38.0191-91.6066-4-52-000	7.9	460	5.50	1.167	.	81.0	10100	.	M	38.0	4660	-0.1	2.54
MOPH510R	29-38.0368-91.5940-4-52-000	7.6	600	5.50	0.537	.	103.0	17400	.	M	103.0	7200	-0.1	0.90
MOPH511R	29-38.0874-91.5941-4-52-000	8.0	500	5.70	0.622	.	.	15800	.	M	90.0	7140	-0.1	1.24
MOPH512R	29-38.1043-91.5657-4-52-000	7.7	350	2.90	0.735	.	108.0	9400	22	M	19.0	4180	-0.1	2.10
MOPH513R	29-38.1110-91.6017-4-52-000	7.9	440	4.30	1.491	.	76.0	8400	54	M	49.0	4580	-0.1	3.39
MOPH514R	29-38.1287-91.5900-4-52-000	8.1	700	4.80	1.066	.	76.0	18300	.	M	56.0	10850	-0.1	1.52
MOPH515R	29-38.1472-91.5599-4-52-000	7.5	700	6.30	0.628	.	72.0	14700	90	M	174.0	8100	-0.1	0.90
MOPH516R	29-38.0715-91.5649-4-52-000	7.4	1500	6.70	3.292	.	393.0	50000	181	M	270.0	33040	-0.1	2.19
MOPH517R	29-38.0492-91.5759-4-52-000	7.7	420	4.20	1.298	.	110.0	8400	.	M	48.0	4410	-0.1	3.09
MOPH518R	29-37.9857-91.6329-4-52-000	7.8	800	6.00	0.539	.	225.0	25600	.	M	130.0	12350	-0.1	0.67
MOPH519R	29-37.9748-91.6944-4-52-000	7.8	700	5.40	0.660	.	294.0	33100	.	M	105.0	18940	0.8	0.94
MOPH520R	29-37.9751-91.7193-4-52-000	8.0	410	4.40	0.197	.	38.0	5900	13	M	31.0	3220	-0.1	0.48
MOPH521R	29-37.9885-91.7527-4-52-000	7.4	700	5.30	0.086	.	74.0	8500	43	M	85.0	6120	-0.1	0.12
MOPH522R	29-37.9528-91.7372-4-52-000	6.9	410	5.00	0.265	.	68.0	6900	48	M	27.0	59490	-0.1	0.65
MOPH523R	29-37.9516-91.6833-4-52-000	6.5	700	4.70	0.210	.	111.0	21300	.	M	116.0	15090	-0.1	0.30
MOPH524R	29-37.9447-91.6542-4-52-000	7.3	370	3.60	0.086	.	74.0	8900	.	M	38.0	4120	-0.1	0.23
MOPH525R	29-37.9463-91.6216-4-52-000	7.1	500	7.00	0.285	.	133.0	14200	.	M	130.0	5740	-0.1	0.57
MOPH526R	29-37.9316-91.6315-4-52-000	7.4	380	4.50	0.051	.	87.0	5300	.	M	54.0	3200	-0.1	0.13
MOPH527R	29-37.9067-91.6174-4-52-000	7.1	220	5.40	0.031	.	19.0	6200	.	M	57.0	2840	-0.1	0.14
MOPH528R	29-37.9026-91.6429-4-52-000	6.8	310	5.10	0.091	.	35.0	6300	.	M	66.0	3030	-0.1	0.29
MOPH529R	29-37.8841-91.6084-4-52-000	8.1	180	2.50	0.051	.	43.0	5300	.	M	50.0	2840	-0.1	0.28
MOPH530R	29-37.8182-91.5601-4-52-000	7.9	210	2.20	0.057	.	54.0	4700	14	M	50.0	2570	0.3	0.27
MOPH531R	29-37.7972-91.5655-4-52-000	7.8	290	3.00	0.050	.	45.0	6000	.	M	50.0	2840	-0.1	0.17
MOPH532R	29-37.8601-91.5581-4-52-000	7.8	270	3.20	0.056	.	45.0	5900	.	M	54.0	2900	-0.1	0.21

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

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U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOPH533R	29-37.8892-91.5629-4-52-000	7.1	510	3.90	0.071	.	125.0	9500	.	M	112.0	6600	-0.1	0.14
MOPH534R	29-37.9182-91.5626-4-52-000	8.0	300	3.20	0.049	.	51.0	6400	.	M	62.0	2840	-0.1	0.16
MOPH535R	29-37.9495-91.5705-4-52-000	7.9	350	3.00	0.049	.	52.0	5200	11	M	60.0	2590	-0.1	0.14
MOPH536R	29-37.9059-91.6760-4-52-000	8.2	370	4.40	0.073	.	80.0	7200	.	M	74.0	2740	-0.1	0.20
MOPH537R	29-37.9205-91.7287-4-52-000	8.1	430	4.10	0.102	.	75.0	5200	.	M	70.0	3170	-0.1	0.24
MOPH538R	29-37.9234-91.7514-4-52-000	8.1	420	3.90	0.214	.	55.0	8400	.	M	42.0	3890	-0.1	0.51
MOPH539R	29-37.8902-91.7527-4-52-000	8.4	900	4.60	0.532	.	288.0	20700	.	M	88.0	9820	-0.1	0.59
MOPH540R	29-37.8584-91.7518-4-52-000	7.9	600	4.60	0.252	.	160.0	17800	.	M	114.0	6650	-0.1	0.42
MOPH541R	29-37.8477-91.7262-4-52-000	8.0	410	3.90	0.117	.	.	6500	.	M	67.0	3530	0.3	0.29
MOPH542R	29-37.8139-91.7486-4-52-000	8.0	340	4.70	0.079	.	33.0	4600	.	M	55.0	2650	0.3	0.23
MOPH543R	29-37.7998-91.7570-4-52-000	8.1	310	3.70	0.058	.	97.0	8100	.	M	58.0	3270	-0.1	0.19
MOPH544R	29-37.7916-91.7278-4-52-000	8.3	330	4.80	0.062	.	55.0	8300	.	M	66.0	3260	-0.1	0.19
MOPH545R	29-37.8002-91.6881-4-52-000	7.6	340	3.90	0.056	.	60.0	5200	19	M	65.0	2780	-0.1	0.16
MOPH546R	29-37.8204-91.6961-4-52-000	7.1	210	3.70	0.052	.	.	5900	.	M	43.0	2470	0.2	0.25
MOPH547R	29-37.8218-91.7155-4-52-000	7.6	280	4.80	0.057	.	47.0	5800	.	M	44.0	2840	-0.1	0.20
MOPH548R	29-37.8470-91.7036-4-52-000	7.4	370	3.10	0.045	.	63.0	7200	.	M	63.0	2650	-0.1	0.12
MOPH549R	29-37.8866-91.6941-4-52-000	7.1	440	3.30	0.075	.	93.0	13200	.	M	.	3990	-0.1	0.17
MOPH550R	29-37.8931-91.7175-4-52-000	7.2	380	3.80	0.145	.	157.0	12200	.	M	.	5030	-0.1	0.38
MOPH551R	29-37.9768-91.9210-4-52-000	7.4	287	3.80	0.226	.	52.0	6100	.	M	18.0	3010	-0.1	0.79
MOPH552R	29-37.9736-91.8842-4-52-000	7.7	392	4.80	0.179	.	.	13600	77	M	.	73070	-0.1	0.46
MOPH553R	29-37.9587-91.8267-4-52-000	7.1	400	5.40	0.442	.	73.0	7600	45	M	.	4920	-0.1	1.11
MOPH554R	29-37.9843-91.8490-4-52-000	7.4	349	4.50	0.394	.	57.0	7000	52	M	.	4030	-0.1	1.13
MOPH555R	29-38.0200-91.8811-4-52-000	7.5	301	4.30	0.186	.	67.0	6300	17	M	10.0	3370	-0.1	0.62
MOPH556R	29-38.0180-91.8546-4-52-000	7.5	382	4.40	0.178	.	139.0	11000	.	M	12.0	3520	0.2	0.47
MOPH557R	29-38.0414-91.8676-4-52-000	7.6	287	3.70	0.101	.	65.0	9600	.	M	.	4550	0.4	0.35
MOPH558R	29-38.0492-91.8297-4-52-000	7.5	362	5.00	0.261	.	79.0	11400	22	M	16.0	3940	0.2	0.72
MOPH559R	29-38.0063-91.8131-4-52-000	7.2	492	6.90	0.288	.	71.0	10100	.	M	12.0	3200	-0.1	0.59
MOPH560R	29-37.9855-91.8035-4-52-000	7.1	630	6.90	0.262	.	70.0	12900	76	M	.	6330	-0.1	0.42
MOPH561R	29-37.8912-91.7860-4-52-000	7.7	382	5.60	0.225	.	90.0	10900	78	M	.	2880	-0.1	0.59
MOPH562R	29-37.8926-91.8349-4-52-000	7.6	291	4.20	0.290	.	43.0	5200	188	M	.	2630	-0.1	1.00
MOPH563R	29-37.9030-91.8952-4-52-000	7.2	488	4.50	0.253	.	56.0	7400	39	M	.	1940	-0.1	0.52
MOPH564R	29-37.8640-91.8988-4-52-000	7.3	353	4.80	0.112	.	54.0	13100	.	M	.	2860	-0.1	0.32
MOPH565R	29-37.8235-91.8939-4-52-000	7.6	308	3.70	0.106	.	78.0	11400	51	M	18.0	1670	0.5	0.34
MOPH566R	29-37.8329-91.8607-4-52-000	7.6	268	3.90	0.337	.	51.0	5400	40	M	10.0	1510	-0.1	1.26
MOPH567R	29-37.8058-91.8775-4-52-000	7.6	246	4.20	0.242	.	33.0	5200	11	M	16.0	1370	-0.1	0.98
MOPH568R	29-37.7671-91.8773-4-52-000	7.4	323	4.00	0.117	.	83.0	7600	.	M	17.0	2120	0.5	0.36
MOPH569R	29-37.7638-91.9259-4-52-000	7.6	330	4.00	0.052	.	51.0	6100	.	M	14.0	1730	-0.1	0.16
MOPH570R	29-37.7395-91.9298-4-52-000	7.7	201	2.90	0.166	.	63.0	6100	39	M	16.0	1660	-0.1	0.83
MOPH571R	29-37.7321-91.9547-4-52-000	7.4	380	4.40	0.130	.	40.0	7600	34	M	33.0	2320	-0.1	0.34
MOPH572R	29-37.7202-92.0018-4-53-000	7.9	206	3.20	0.152	.	45.0	6100	85	M	62.0	1920	-0.1	0.74
MOPH573R	29-37.6868-91.9634-4-52-000	7.6	317	4.90	0.104	.	52.0	6200	50	M	66.0	1860	-0.1	0.33
MOPH574R	29-37.6844-91.9412-4-52-000	7.4	319	4.90	0.127	.	.	6000	.	M	95.0	1970	-0.1	0.40
MOPH575R	29-37.6275-91.9152-4-52-000	7.7	283	5.30	0.182	.	103.0	9400	.	M	49.0	2390	0.3	0.64
MOPH576R	29-37.6173-91.8374-4-52-000	7.6	238	3.00	0.092	.	26.0	7300	14	M	113.0	2340	-0.1	0.39
MOPH577R	29-37.6513-91.8441-4-52-000	7.7	244	3.10	0.050	.	67.0	5700	.	M	115.0	2220	-0.1	0.20
MOPH578R	29-37.6700-91.8504-4-52-000	7.7	211	2.80	0.075	.	120.0	9400	.	M	75.0	2750	0.3	0.36
MOPH579R	29-37.9178-91.8004-4-52-000	7.4	427	5.30	0.207	.	21.0	12000	.	M	47.0	4170	-0.1	0.48
MOPH580R	29-37.8546-91.7997-4-52-000	7.5	272	4.00	0.131	.	48.0	6700	19	M	70.0	3170	-0.1	0.48
MOPH581R	29-37.8587-91.8351-4-52-000	7.3	337	4.70	0.198	.	102.0	7700	34	M	99.0	3600	-0.1	0.59
MOPH582R	29-37.8289-91.7954-4-52-000	7.3	152	1.30	0.054	.	.	14200	.	M	100.0	5230	0.4	0.36
MOPH583R	29-37.8034-91.8053-4-52-000	7.5	304	4.50	0.221	.	60.0	8100	31	M	75.0	3410	0.6	0.73
MOPH584R	29-37.7789-91.8382-4-52-000	7.5	247	3.50	0.075	.	30.0	5700	.	M	140.0	2630	-0.1	0.30
MOPH585R	29-37.7560-91.8542-4-52-000	7.5	265	3.30	0.102	.	43.0	7800	18	M	78.0	3380	0.6	0.38

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. !N TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOPH586R	29-37.7290-91.8539-4-52-000	7.8	149	2.20	0.259	.	99.0	6000	16	M	108.0	2740	-0.1	1.74
MOPH587R	29-37.7057-91.8876-4-52-000	7.6	223	2.50	0.065	.	115.0	10700	29	M	112.0	3030	0.6	0.29
MOPH588R	29-37.7093-91.9138-4-52-000	7.6	252	3.10	0.108	.	80.0	6800	33	M	138.0	2930	0.4	0.43
MOPH589R	29-37.7015-91.8477-4-52-000	7.5	245	3.50	0.079	.	81.0	7000	.	M	147.0	3140	0.3	0.32
MOPH590R	29-37.6693-91.8732-4-52-000	7.5	270	2.90	0.112	.	51.0	7800	.	M	134.0	3250	0.3	0.41
MOPH591R	29-37.6351-91.8797-4-52-000	7.9	241	2.80	0.114	.	103.0	11900	.	M	70.0	3260	0.3	0.47
MOPH592R	29-37.6065-91.8656-4-52-000	7.7	22	3.60	0.066	.	23.0	8300	.	M	87.0	3600	-0.1	3.00
MOPH593R	29-37.6133-91.9986-4-52-000	7.6	259	3.40	0.092	.	14.0	5800	.	M	138.0	3600	-0.1	0.36
MOPH594R	29-37.6098-91.9762-4-52-000	7.6	220	3.10	0.069	.	110.0	7900	.	M	93.0	3260	-0.1	0.31
MOPH595R	29-37.6569-91.9878-4-52-000	7.9	72	1.30	0.050	.	79.0	7300	46	M	59.0	4280	0.6	0.69
MOPH596R	29-37.6867-92.0107-4-52-000	7.6	232	3.60	0.116	.	52.0	6500	.	M	158.0	3750	-0.1	0.50
MOPH597R	29-37.7622-92.0128-4-52-000	7.2	384	5.20	0.173	.	31.0	6200	23	M	185.0	3560	0.6	0.45
MOPH598R	29-37.7500-91.9517-4-52-000	7.4	311	4.30	0.124	.	.	7200	37	M	82.0	3950	-0.1	0.40
MOPH599R	29-37.7858-91.9695-4-52-000	7.6	297	2.70	0.098	.	45.0	6900	25	M	60.0	3440	0.3	0.33
MOPH600R	29-37.8090-91.9989-4-52-000	7.5	318	3.40	0.124	.	74.0	8000	.	M	85.0	4260	-0.1	0.39
MOPH601R	29-37.8296-91.9995-4-52-000	7.6	230	2.50	0.067	.	69.0	10300	.	M	135.0	4250	-0.1	0.29
MOPH602R	29-37.8460-92.0044-4-52-000	7.5	249	3.60	0.122	.	38.0	7900	.	M	80.0	4050	-0.1	0.49
MOPH603R	29-37.8659-91.9657-4-52-000	7.9	392	4.20	0.132	.	47.0	6100	18	M	70.0	4010	-0.1	0.34
MOPH604R	29-37.8585-91.9403-4-52-000	7.4	306	4.60	0.246	.	74.0	6600	30	M	182.0	3810	-0.1	0.80
MOPH605R	29-37.8040-91.9428-4-52-000	7.4	333	3.90	0.162	.	67.0	7000	46	M	62.0	4090	-0.1	0.49
MOPH606R	29-37.9378-91.7959-4-52-000	7.2	349	4.70	0.362	.	101.0	9300	21	M	88.0	5400	-0.1	1.04
MOPH607R	29-37.9214-91.8281-4-52-000	7.3	367	4.50	0.223	.	27.0	8700	18	M	204.0	4280	-0.1	0.61
MOPH608R	29-37.9423-91.8725-4-52-000	7.5	340	4.60	0.109	.	196.0	21600	38	M	102.0	9810	-0.1	0.32
MOPH609R	29-37.9185-91.8910-4-52-000	7.6	389	3.60	0.116	.	.	10900	.	M	93.0	5630	0.2	0.30
MOPH610R	29-37.8887-91.9392-4-52-000	7.4	373	4.40	0.221	.	60.0	7700	11	M	100.0	4920	-0.1	0.59
MOPH611R	29-37.9083-91.9143-4-53-000	7.8	319	4.10	0.259	.	51.0	7600	.	M	84.0	3670	0.6	0.81
MOPH612R	29-37.9410-91.9118-4-52-000	7.4	423	6.30	0.182	.	162.0	14000	.	M	107.0	4770	-0.1	0.43
MOPH613R	29-37.9110-91.9787-4-52-000	7.4	421	5.80	0.275	.	46.0	7700	.	M	99.0	4400	-0.1	0.65
MOPH614R	29-37.9259-91.9937-4-53-000	5.8	34	0.06	0.029	.	73.0	8700	.	M	87.0	4200	-0.1	0.85
MOPH615R	29-37.9498-91.9481-4-52-000	6.9	350	0.98	0.120	.	53.0	7500	46	M	202.0	4210	-0.1	0.34
MOPH616R	29-37.9896-91.9475-4-52-000	7.1	422	5.80	0.179	.	57.0	6800	26	M	68.0	4130	-0.1	0.42
MOPR501R	29-37.6245-89.9794-4-52-000	6.4	340	3.00	0.458	.	68.0	7300	.	M	24.0	2020	-0.1	1.35
MOPR502R	29-37.6514-89.9647-4-52-000	7.2	260	2.40	0.166	.	114.0	11100	.	M	18.0	2390	0.2	0.64
MOPR503R	29-37.6142-90.0111-4-52-000	7.5	230	1.70	0.138	.	42.0	7100	34	M	27.0	1440	-0.1	0.60
MOPR504R	29-37.6332-90.0158-4-52-000	5.8	370	0.32	0.029	.	41.0	17100	.	M	173.0	4150	-0.1	0.08
MOPR505R	29-37.6146-90.0449-4-52-000	7.0	480	4.80	0.376	.	161.0	11200	.	M	32.0	5760	-0.1	0.78
MOPR506R	29-37.6070-90.0792-4-52-000	7.5	340	3.60	0.208	.	196.0	17100	.	M	14.0	3350	-0.1	0.61
MOPR507R	29-37.6037-90.1326-4-52-000	7.6	200	2.20	0.088	.	74.0	7800	.	M	.	1330	-0.1	0.44
MOPR508R	29-37.6429-90.0817-4-52-000	7.1	510	4.70	0.302	.	295.0	26900	.	M	44.0	5490	-0.1	0.59
MOPR509R	29-37.6417-90.1230-4-52-000	6.7	600	5.40	0.237	.	194.0	27000	.	M	52.0	6890	-0.1	0.40
MOPR510R	29-37.6712-90.1029-4-52-000	7.5	200	3.20	0.152	.	129.0	13200	15	M	30.0	1960	-0.1	0.76
MOPR511R	29-37.6832-90.0381-4-52-000	7.2	380	3.40	0.180	.	113.0	11400	.	M	.	2080	-0.1	0.47
MOPR512R	29-37.6800-89.9953-4-52-000	6.3	550	4.10	0.265	.	193.0	32000	.	M	.	7570	0.5	0.48
MOPR513R	29-37.6972-89.9732-4-52-000	7.1	490	4.00	0.454	.	38.0	8200	44	M	20.0	1680	-0.1	0.93
MOPR514R	29-37.7126-89.9368-4-52-000	7.1	390	3.70	0.252	.	59.0	8600	68	M	.	1770	-0.1	0.65
MOPR515R	29-37.7506-89.9368-4-52-000	7.5	370	3.90	0.054	.	57.0	7400	113	M	.	2180	-0.1	0.15
MOPR516R	29-37.7307-90.0000-4-52-000	7.4	900	5.60	1.588	.	287.0	24300	75	M	.	19160	-0.1	1.76
MOPR517R	29-37.7099-90.0056-4-52-000	7.6	510	4.70	0.695	.	151.0	20000	.	M	30.0	6150	-0.1	1.36
MOPR518R	29-37.7084-90.0518-4-52-000	7.4	410	4.10	0.231	.	55.0	10500	39	M	.	4540	-0.1	0.56
MOPR519R	29-37.6085-89.9292-4-52-000	7.7	410	4.00	0.193	.	102.0	12700	36	M	16.0	3480	0.4	0.47
MOPR520R	29-37.6180-89.8829-4-52-000	7.6	350	3.20	0.572	.	41.0	6700	30	M	17.0	2240	-0.1	1.63
MOPR521R	29-37.6209-89.8450-4-52-000	7.6	380	3.20	0.347	.	140.0	15900	.	M	21.0	10780	-0.1	0.91
MOPR522R	29-37.6162-89.8230-4-52-000	7.8	310	2.80	0.381	.	201.0	17500	.	M	.	6830	-0.1	1.23

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOPR523R	29-37.6447-89.8592-4-52-000	7.7	380	3.20	0.670	.	246.0	13300	48	M	16.0	3630	-0.1	1.76
MOPR524R	29-37.6422-89.8867-4-52-000	7.7	350	3.20	0.755	.	74.0	7300	56	M	.	2830	0.4	2.16
MOPR525R	29-37.6770-89.8782-4-53-000	7.7	330	2.60	0.682	.	112.0	11100	62	M	19.0	3760	-0.1	2.07
MOPR526R	29-37.6355-89.9263-4-52-000	7.7	380	3.00	0.138	.	79.0	8800	40	M	.	47540	-0.1	0.36
MOPR527R	29-37.6727-89.9338-4-52-000	8.0	370	3.10	0.149	.	86.0	11800	.	M	.	5760	-0.1	0.40
MOPR528R	29-37.6954-89.9039-4-52-000	7.6	490	3.40	0.869	.	219.0	16500	38	M	12.0	6980	-0.1	1.77
MOPR529R	29-37.6759-89.8345-4-52-000	7.7	410	3.40	0.455	.	120.0	10500	105	M	.	5490	-0.1	1.11
MOPR530R	29-37.6682-89.8009-4-52-000	7.6	450	4.40	0.135	.	81.0	8000	1778	M	.	2710	-0.1	0.30
MOPR531R	29-37.6399-89.8193-4-52-000	7.8	330	2.60	0.222	.	60.0	7700	79	M	18.0	2740	0.5	0.67
MOPR532R	29-37.7644-89.9653-4-52-000	6.8	420	5.20	0.307	.	103.0	12500	.	M	39.0	3600	-0.1	0.73
MOPR533R	29-37.7664-90.0187-4-52-000	6.5	550	4.40	1.025	.	116.0	15200	.	M	.	5040	-0.1	1.86
MOPR534R	29-37.8128-89.9789-4-52-000	7.5	410	3.00	0.159	.	101.0	9700	85	M	.	4000	-0.1	0.39
MOPR535R	29-37.8550-89.9196-4-52-000	7.6	580	4.30	0.159	.	284.0	31900	314	M	.	41500	-0.1	0.27
MOPR536R	29-37.8287-89.9367-4-52-000	7.8	440	3.30	0.486	.	128.0	13900	240	M	.	9220	-0.1	1.10
MOPR537R	29-37.8048-89.9271-4-52-000	7.8	470	4.00	0.293	.	74.0	9600	122	M	.	6690	0.4	0.62
MOPR538R	29-37.7720-89.8854-4-52-000	8.0	360	3.10	0.244	.	39.0	7600	47	M	.	3140	-0.1	0.68
MOPR539R	29-37.7971-89.8787-4-52-000	7.6	490	3.40	0.108	.	43.0	8900	207	M	21.0	5780	-0.1	0.22
MOPR540R	29-37.8390-89.8869-4-52-000	7.5	460	3.20	0.458	.	84.0	14700	1882	M	.	28290	-0.1	1.00
MOPR541R	29-37.8715-89.8668-4-52-000	7.6	550	4.40	0.037	.	150.0	18100	280	M	642.0	4430	-0.1	0.07
MOPR542R	29-37.8934-89.8487-4-52-000	7.1	700	5.60	0.045	.	128.0	17700	215	M	533.0	5500	-0.1	0.06
MOPR543R	29-37.8398-89.8065-4-52-000	7.5	620	4.20	1.719	.	323.0	21300	380	M	551.0	7540	-0.1	2.77
MOPR544R	29-37.8071-89.8116-4-52-000	7.6	490	4.60	2.197	.	58.0	9500	139	M	.	6000	-0.1	4.48
MOPR545R	29-37.7828-89.8145-4-52-000	7.6	460	3.90	0.174	.	75.0	7500	2308	M	20.0	6660	-0.1	0.38
MOPR546R	29-37.8064-89.8403-4-52-000	6.9	450	3.40	0.092	.	34.0	6400	1465	M	.	2720	-0.1	0.20
MOPR547R	29-37.7784-89.8449-4-53-000	7.3	400	3.40	0.391	.	137.0	12400	250	M	.	9740	0.7	0.98
MOPR548R	29-37.7419-89.8508-4-52-000	7.3	490	5.30	0.617	.	57.0	8000	570	M	26.0	3810	-0.1	1.26
MOPR549R	29-37.7367-89.9026-4-52-000	7.4	470	3.10	0.400	.	202.0	16800	112	M	.	9530	-0.1	0.85
MOPR550R	29-37.7027-89.8450-4-52-000	7.6	340	2.50	0.123	.	63.0	7000	353	M	.	2250	-0.1	0.36
MOPR551R	29-37.7423-89.8201-4-52-000	7.3	440	3.70	0.255	.	67.0	8300	470	M	.	3070	-0.1	0.58
MOPR552R	29-37.7110-89.8137-4-52-000	7.1	530	4.40	0.649	.	168.0	17800	98	M	.	6980	-0.1	1.22
MOPR553R	29-37.7324-89.7835-4-52-000	7.6	420	3.60	0.237	.	32.0	9400	850	M	.	3350	-0.1	0.56
MOPR554R	29-37.7409-89.7399-4-52-000	7.3	420	3.80	0.273	.	63.0	8900	209	M	.	5130	-0.1	0.65
MOPR555R	29-37.7731-89.7221-4-52-000	7.3	600	4.60	0.623	.	262.0	30700	151	M	.	16880	-0.1	1.04
MOPR556R	29-37.8097-89.7292-4-52-000	7.0	600	5.40	0.047	.	115.0	17600	244	M	375.0	5010	-0.1	0.08
MOPR557R	29-37.8326-89.7393-4-52-000	7.2	490	3.80	0.435	.	108.0	8100	135	M	519.0	3030	-0.1	0.89
MOPR558R	29-37.8290-89.7708-4-52-000	7.2	750	4.20	2.574	.	.	59500	.	M	659.0	19830	-0.1	3.43
MOPR559R	29-37.7790-89.7665-4-52-000	7.4	490	3.90	0.160	.	.	10100	1126	M	31.0	5590	-0.1	0.33
MOPR560R	29-37.7032-89.7867-4-52-000	8.1	440	3.20	0.549	.	104.0	10100	643	M	.	4250	-0.1	1.25
MOPR561R	29-37.6762-89.7800-4-52-000	7.7	470	3.00	0.384	.	41.0	24000	88	M	23.0	16290	0.4	0.82
MOPR562R	29-37.6333-89.7721-4-52-000	7.8	390	3.00	0.252	.	28.0	8100	814	M	.	2130	-0.1	0.65
MOPR563R	29-37.6033-89.7616-4-52-000	7.4	800	4.00	3.024	.	.	35800	88	M	37.0	33220	-0.1	3.78
MOPR564R	29-37.6149-89.7370-4-52-000	7.8	490	4.80	0.375	.	55.0	7900	88	M	.	3850	0.2	0.77
MOPR565R	29-37.6655-89.7391-4-52-000	7.7	380	2.90	0.123	.	46.0	8900	1285	M	26.0	3460	-0.1	0.32
MOPR566R	29-37.7133-89.7326-4-52-000	7.4	900	4.80	0.554	.	148.0	70200	.	M	.	28480	-0.1	0.62
MOPR567R	29-37.7516-89.7087-4-52-000	7.7	600	4.10	0.576	.	240.0	26400	160	M	.	11670	-0.1	0.96
MOPR568R	29-37.7167-89.6786-4-52-000	7.6	800	3.80	0.175	.	89.0	22700	770	M	.	9080	-0.1	0.22
MOPR569R	29-37.7039-89.6578-4-52-000	7.6	780	2.90	0.173	.	79.0	25400	1341	M	.	8350	-0.1	0.22
MOPR570R	29-37.6730-89.6866-4-52-000	7.6	520	3.50	0.401	.	319.0	34700	334	M	.	25340	-0.1	0.77
MOPR571R	29-37.6375-89.6884-4-52-000	7.7	490	5.00	-0.002	.	82.0	12500	901	M	.	5570	-0.1	M
MOPR572R	29-37.6145-89.7013-4-52-000	7.7	600	4.40	0.109	.	152.0	34000	.	M	.	115800	-0.1	0.18
MOPR573R	29-37.6183-89.6568-4-52-000	8.0	550	3.60	0.188	.	412.0	62600	.	M	.	24880	-0.1	0.34
MOPR574R	29-37.6553-89.6486-4-52-000	7.8	490	2.80	0.426	.	187.0	23000	.	M	79.0	9390	-0.1	0.87
MOPR575R	29-37.6756-89.6560-4-52-000	7.7	430	3.60	0.003	.	35.0	9600	2271	M	.	4880	-0.1	0.01

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

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U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOPR576R	29-37.6403-89.6173-4-52-000	7.6	490	3.60	0.303	.	120.0	20300	362	M	.	6480	-0.1	0.62
MOPR577R	29-37.6170-89.5162-4-52-000	7.7	490	3.20	0.487	.	105.0	13000	147	M	.	12530	0.7	0.99
MOPR578R	29-37.6119-89.5783-4-52-000	7.7	460	3.60	-0.002	.	106.0	17300	73	M	124.0	8700	0.6	M
MOPR579R	29-37.5980-89.5505-4-52-000	7.6	480	3.30	0.160	.	111.0	13400	345	M	24.0	5300	-0.1	0.33
MOPR580R	29-37.5888-89.5863-4-52-000	7.7	550	3.80	0.663	.	270.0	42000	485	M	296.0	14430	-0.1	1.21
MOPR581R	29-37.6506-89.5860-4-52-000	7.7	600	3.20	0.131	.	122.0	20600	399	M	53.0	4990	-0.1	0.22
MOPR582R	29-37.6459-89.5483-4-52-000	7.5	600	4.60	0.814	.	212.0	32200	61	M	186.0	7560	-0.1	1.36
MOPR583R	29-37.6776-89.5463-4-52-000	7.6	420	3.20	0.455	.	70.0	11700	535	M	69.0	8700	-0.1	1.08
MOPR584R	29-37.6894-89.6209-4-52-000	7.7	450	4.10	0.257	.	127.0	13700	180	M	.	7990	-0.1	0.57
MORE501R	29-37.4903-90.8833-4-52-000	7.9	210	2.80	0.094	.	65.0	9500	33	M	223.0	3840	-0.1	0.45
MORE502R	29-37.5173-90.8710-4-53-000	7.6	250	3.20	0.218	.	.	8300	18	M	233.0	3960	0.5	0.87
MORE503R	29-37.5394-90.8463-4-53-000	7.2	310	4.10	0.302	.	84.0	9600	.	M	258.0	4410	0.6	0.97
MORE504R	29-37.5613-90.8355-4-52-000	7.5	260	3.00	0.170	.	.	10800	.	M	239.0	5250	0.7	0.65
MORE505R	29-37.5867-90.8060-4-52-000	7.5	260	3.00	0.187	.	.	8000	36	M	217.0	4510	-0.1	0.72
MORE506R	29-37.5926-90.8474-4-52-000	7.5	250	3.50	0.172	.	85.0	10800	.	M	237.0	5170	-0.1	0.69
MORE507R	29-37.5950-90.8694-4-52-000	7.5	280	4.00	0.066	.	90.0	9300	.	M	136.0	3830	-0.1	0.24
MORE508R	29-37.4991-90.9173-4-53-000	7.8	160	2.00	0.084	.	109.0	8600	.	M	158.0	3550	-0.1	0.53
MORE509R	29-37.5358-90.9295-4-52-000	7.6	330	2.80	0.203	.	77.0	16100	1350	M	222.0	26760	-0.1	0.62
MORE510R	29-37.5531-90.9273-4-52-000	7.2	380	3.20	0.634	.	100.0	18300	.	M	231.0	15030	-0.1	1.67
MORE511R	29-37.5982-90.9499-4-52-000	7.5	300	3.00	0.265	.	77.0	9500	75	M	267.0	6550	-0.1	0.88
MORE512R	29-37.5870-90.9320-4-52-000	7.4	440	4.00	0.458	.	108.0	16000	69	M	113.0	9220	0.9	1.04
MORE513R	29-37.5585-90.9547-4-52-000	7.8	210	2.60	0.174	.	51.0	8800	.	M	236.0	4590	-0.1	0.83
MORE514R	29-37.5307-90.9434-4-53-000	7.6	230	3.20	0.130	.	50.0	8700	.	M	.	3920	-0.1	0.57
MORE515R	29-37.5322-90.9812-4-52-000	7.3	110	1.90	0.084	.	61.0	9100	40	M	21.0	4300	-0.1	0.76
MORE516R	29-37.5517-91.0048-4-52-000	7.1	110	1.00	0.097	.	.	9100	.	M	60.0	3680	-0.1	0.88
MORE517R	29-37.5664-91.0250-4-52-000	6.6	160	2.00	0.062	.	70.0	7900	28	M	30.0	3450	-0.1	0.39
MORE518R	29-37.5839-91.0515-4-52-000	7.5	180	2.70	0.159	.	19.0	6700	.	M	143.0	10070	-0.1	0.88
MORE519R	29-37.5659-91.0619-4-52-000	7.2	160	1.80	0.164	.	68.0	9700	15	M	120.0	11060	0.6	1.03
MORE520R	29-37.5720-91.1197-4-52-000	7.3	145	2.00	0.170	.	109.0	7600	.	M	119.0	10340	-0.1	1.17
MORE521R	29-37.5348-91.0646-4-53-000	7.3	170	3.80	0.120	.	49.0	6000	22	M	135.0	10850	-0.1	0.71
MORE522R	29-37.4941-91.0970-4-53-000	7.6	130	1.50	0.146	.	72.0	7800	.	M	130.0	10150	0.7	1.12
MORE523R	29-37.5037-91.1394-4-52-000	7.1	100	0.40	0.032	.	.	7400	.	M	88.0	12010	-0.1	0.32
MORE524R	29-37.5197-91.1365-4-52-000	7.4	260	3.40	0.205	.	.	7200	.	M	177.0	10200	-0.1	0.79
MORE525R	29-37.5551-91.1550-4-52-000	7.3	360	4.40	0.218	.	116.0	M	.	M	210.0	M	-0.1	0.61
MORE526R	29-37.5793-91.1748-4-52-000	7.4	280	3.80	0.125	.	75.0	6400	.	M	169.0	10610	-0.1	0.45
MORE527R	29-37.5577-91.1986-4-52-000	7.4	220	4.00	0.121	.	89.0	7000	.	M	168.0	11290	-0.1	0.55
MORE528R	29-37.5697-91.2915-4-52-000	7.5	250	2.60	0.067	.	.	7000	20	M	166.0	10850	-0.1	0.27
MORE529R	29-37.5597-91.2708-4-52-000	7.5	190	1.90	0.150	.	53.0	5600	24	M	123.0	11510	-0.1	0.79
MORE530R	29-37.5219-91.3049-4-52-000	7.4	390	4.20	0.158	.	127.0	10900	.	M	163.0	12120	0.3	0.41
MORE531R	29-37.5325-91.2690-4-52-000	7.5	230	3.00	0.073	.	52.0	7500	.	M	153.0	10620	-0.1	0.32
MORE532R	29-37.5322-91.2423-4-52-000	7.3	230	3.20	0.076	.	30.0	6500	.	M	155.0	10970	0.4	0.33
MORE533R	29-37.4552-90.9660-4-52-000	7.7	230	3.60	0.171	.	.	7400	.	M	174.0	11090	0.8	0.74
MORE534R	29-37.4679-90.9925-4-52-000	7.7	280	3.40	0.096	.	.	7400	.	M	178.0	12320	0.4	0.34
MORE535R	29-37.4906-91.0116-4-52-000	8.0	170	4.20	0.123	.	38.0	7300	.	M	159.0	10860	-0.1	0.72
MORE536R	29-37.4912-91.0361-4-52-000	7.5	270	3.20	0.294	.	94.0	8600	.	M	47.0	4220	0.5	1.09
MORE537R	29-37.4542-91.1211-4-52-000	7.7	170	3.60	0.103	.	42.0	6300	.	M	164.0	11560	-0.1	0.61
MORE538R	29-37.4470-91.1537-4-53-000	7.5	50	0.40	0.023	.	72.0	7900	24	M	99.0	10740	-0.1	0.46
MORE539R	29-37.4470-91.2033-4-52-000	7.4	230	3.80	0.106	.	103.0	11000	18	M	169.0	10880	-0.1	0.46
MORE540R	29-37.4778-91.1926-4-52-000	7.6	200	2.80	0.103	.	39.0	8600	.	M	58.0	3570	0.2	0.52
MORE541R	29-37.4793-91.1496-4-52-000	7.6	270	3.60	0.224	.	29.0	6600	.	M	185.0	11620	-0.1	0.83
MORE542R	29-37.4929-91.1954-4-52-000	7.4	350	4.40	0.073	.	43.0	8700	.	M	217.0	11990	-0.1	0.21
MORE543R	29-37.5161-91.1936-4-52-000	7.4	300	3.00	0.149	.	76.0	7700	.	M	179.0	11180	-0.1	0.50
MORE544R	29-37.4178-91.0564-4-52-000	8.2	160	2.80	0.095	.	20.0	7400	.	M	157.0	10790	-0.1	0.59

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MORE545R	29-37.4279-91.1195-4-52-000	7.7	200	3.00	0.084	.	.	7000	.	M	162.0	11180	-0.1	0.42
MORE546R	29-37.4434-91.0846-4-52-000	7.5	120	1.20	0.070	.	98.0	7800	14	M	128.0	11320	-0.1	0.58
MORE547R	29-37.4164-91.1602-4-52-000	7.5	270	3.20	0.123	.	86.0	9000	.	M	162.0	11780	-0.1	0.46
MORE548R	29-37.3719-91.1149-4-52-000	7.5	220	3.60	0.091	.	46.0	7800	.	M	160.0	11310	-0.1	0.41
MORE549R	29-37.3952-91.0768-4-52-000	7.4	280	3.40	0.075	.	116.0	10400	.	M	172.0	13380	-0.1	0.27
MORE550R	29-37.3773-91.0717-4-52-000	7.6	260	3.20	0.083	.	.	M	.	M	.	M	-0.1	0.32
MORE551R	29-37.3704-91.0404-4-52-000	7.5	250	3.30	0.122	.	50.0	7400	.	M	166.0	12240	-0.1	0.49
MORE552R	29-37.3934-91.0227-4-52-000	7.5	200	3.00	0.106	.	55.0	7500	.	M	153.0	11560	0.6	0.53
MORE553R	29-37.3998-91.0032-4-52-000	7.7	90	1.40	0.047	.	49.0	7000	.	M	125.0	11350	0.3	0.52
MORE554R	29-37.3893-90.9460-4-52-000	7.6	140	2.60	0.115	.	82.0	7600	.	M	.	4850	-0.1	0.82
MORE555R	29-37.3658-90.9569-4-52-000	8.2	80	1.00	0.046	.	42.0	6500	.	M	.	4600	0.3	0.58
MORE556R	29-37.3386-90.9472-4-52-000	6.6	50	0.52	0.031	.	34.0	7100	31	M	.	4570	-0.1	0.62
MORE557R	29-37.3693-90.9799-4-52-000	6.3	110	0.40	0.033	.	59.0	10200	.	M	.	5710	-0.1	0.30
MORE558R	29-37.3421-91.0179-4-52-000	6.8	30	0.12	0.020	.	.	7200	.	M	34.0	5060	-0.1	0.67
MORE559R	29-37.3184-91.0809-4-52-000	7.0	140	2.20	0.077	.	55.0	6300	29	M	.	4340	-0.1	0.55
MORE560R	29-37.3055-91.1109-4-53-000	7.2	190	3.00	0.159	.	85.0	5500	12	M	.	4780	-0.1	0.84
MORE561R	29-37.4702-90.9187-4-52-000	7.7	190	2.60	0.045	.	91.0	8700	36	M	129.0	5490	-0.1	0.24
MORE562R	29-37.4417-90.9107-4-52-000	7.5	60	0.24	0.008	.	100.0	9200	14	M	26.0	5450	-0.1	0.13
MORE563R	29-37.4529-90.8794-4-52-000	7.4	120	1.60	0.043	.	54.0	7700	.	M	13.0	5490	-0.1	0.36
MORE564R	29-37.4657-90.8348-4-53-000	7.4	480	4.20	0.125	.	.	5900	.	M	.	4850	-0.1	0.26
MORE565R	29-37.5039-90.8078-4-53-000	7.5	210	2.60	0.069	.	88.0	8000	32	M	.	5570	-0.1	0.33
MORE566R	29-37.4902-90.8312-4-53-000	7.3	190	2.00	0.091	.	98.0	6500	16	M	29.0	5410	0.4	0.48
MORE567R	29-37.4582-90.7981-4-52-000	7.6	230	2.80	0.822	.	.	6800	712	M	38.0	14670	-0.1	3.57
MORE568R	29-37.4395-90.8230-4-52-000	7.3	210	1.60	0.066	.	86.0	10700	27	M	24.0	6100	-0.1	0.31
MORE569R	29-37.4003-90.8198-4-52-000	7.4	245	3.20	0.132	.	69.0	6300	.	M	45.0	4950	1.2	0.54
MORE570R	29-37.4023-90.7960-4-53-000	7.5	180	2.80	0.125	.	13.0	5800	.	M	95.0	5160	-0.1	0.69
MORE571R	29-37.3843-90.8190-4-52-000	7.4	310	4.10	0.187	.	58.0	7100	.	M	74.0	5310	0.5	0.60
MORE572R	29-37.4172-90.8618-4-52-000	7.7	170	2.40	0.117	.	50.0	6200	.	M	50.0	5150	-0.1	0.69
MORE573R	29-37.3649-90.9037-4-52-000	8.2	70	0.88	0.086	.	71.0	6400	.	M	60.0	5060	-0.1	1.23
MORE574R	29-37.3437-90.9051-4-52-000	6.5	80	0.50	0.025	.	141.0	8800	.	M	97.0	6870	-0.1	0.31
MORE575R	29-37.3143-90.8747-4-52-000	6.7	50	0.40	0.018	.	94.0	8200	.	M	60.0	5880	0.6	0.36
MORE576R	29-37.3187-90.8391-4-52-000	7.4	110	1.60	0.065	.	60.0	7000	.	M	98.0	5410	-0.1	0.59
MORE577R	29-37.3226-90.7901-4-52-000	7.4	240	3.20	0.104	.	60.0	7000	.	M	133.0	5630	0.6	0.43
MORE578R	29-37.3290-90.7614-4-52-000	7.1	330	4.40	0.211	.	66.0	6800	44	M	82.0	6060	-0.1	0.64
MORE579R	29-37.3409-90.8185-4-53-000	7.1	200	2.40	0.094	.	47.0	5200	23	M	130.0	5570	1.0	0.47
MORE580R	29-37.4271-90.9629-4-52-000	8.3	160	3.00	0.096	.	40.0	5200	.	M	121.0	5580	0.3	0.60
MORE581R	29-37.2045-90.9534-4-52-000	8.4	170	3.40	0.169	.	44.0	6300	13	M	144.0	5990	-0.1	0.99
MORE582R	29-37.1862-90.9584-4-52-000	7.7	220	3.40	0.134	.	38.0	6000	.	M	72.0	7130	0.3	0.61
MORE583R	29-37.1565-90.9453-4-52-000	7.5	160	2.00	0.054	.	129.0	13000	.	M	125.0	10600	-0.1	0.34
MORE584R	29-37.1503-90.8927-4-52-000	7.6	220	5.20	0.225	.	43.0	5000	31	M	77.0	6580	-0.1	1.02
MORE585R	29-37.1235-90.8722-4-52-000	7.5	100	0.80	0.043	.	32.0	8200	.	M	86.0	8960	-0.1	0.43
MORE586R	29-37.1114-90.8434-4-52-000	7.1	180	2.60	0.132	.	57.0	4600	9	M	116.0	6150	-0.1	0.73
MORE587R	29-37.3515-91.1230-4-53-000	7.9	390	2.40	0.199	.	318.0	30900	.	M	64.0	25350	-0.1	0.51
MORE588R	29-37.3491-91.1604-4-52-000	6.8	250	3.90	0.115	.	101.0	9900	38	M	169.0	7470	0.4	0.46
MORE589R	29-37.2798-91.1317-4-52-000	8.0	170	2.60	0.049	.	.	6400	.	M	104.0	6790	0.5	0.29
MORE590R	29-37.2566-91.0994-4-52-000	7.7	90	1.40	0.057	.	44.0	6900	37	M	90.0	5800	-0.1	0.63
MORE591R	29-37.2379-91.0865-4-52-000	7.8	240	2.60	0.106	.	89.0	8900	.	M	92.0	6680	0.3	0.44
MORE592R	29-37.2253-91.0674-4-52-000	7.7	170	2.40	0.053	.	69.0	7700	24	M	129.0	7500	-0.1	0.31
MORE593R	29-37.2216-91.0282-4-52-000	7.6	160	3.60	0.107	.	34.0	7400	.	M	136.0	6770	-0.1	0.67
MORE594R	29-37.2230-91.0017-4-52-000	7.5	200	2.40	0.332	.	39.0	8700	.	M	135.0	6920	-0.1	1.66
MORE595R	29-37.2454-91.0219-4-52-000	7.3	280	3.80	0.183	.	42.0	6600	.	M	197.0	7640	-0.1	0.65
MORE596R	29-37.2611-91.0571-4-52-000	7.6	190	2.70	0.092	.	57.0	8200	12	M	131.0	7360	-0.1	0.48
MORE597R	29-37.2367-90.9890-4-52-000	7.4	210	3.20	0.137	.	105.0	6600	15	M	154.0	7120	0.4	0.65

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MORE598R	29-37.1408-90.9917-4-52-000	7.6	160	2.00	0.088	.	80.0	8500	.	M	41.0	4020	-0.1	0.55
MORE599R	29-37.1157-90.9881-4-52-000	7.5	110	1.80	0.043	.	38.0	7200	.	M	120.0	7050	0.4	0.39
MORE600R	29-37.0732-90.9545-4-52-000	7.8	130	1.80	0.064	.	.	7000	16	M	123.0	7560	-0.1	0.49
MORE601R	29-37.0600-90.9087-4-52-000	7.5	200	2.40	0.102	.	33.0	6400	42	M	163.0	7040	0.3	0.51
MORE602R	29-37.0662-90.8729-4-52-000	7.4	330	3.10	0.214	.	51.0	6600	15	M	196.0	7310	-0.1	0.65
MORE603R	29-37.0639-90.8425-4-52-000	7.3	265	2.90	0.107	.	96.0	8900	.	M	168.0	10610	0.5	0.40
MORE604R	29-37.0892-90.8521-4-52-000	7.3	360	3.20	0.396	.	98.0	11400	.	M	212.0	9990	-0.1	1.10
MORE605R	29-37.0806-90.9276-4-52-000	7.9	220	1.90	0.125	.	.	8300	.	M	156.0	7980	-0.1	0.57
MORE606R	29-37.0984-90.8906-4-52-000	7.3	700	4.90	1.000	.	87.0	23700	.	M	373.0	16240	0.6	1.43
MORE607R	29-37.1180-90.8996-4-52-000	7.5	340	3.90	0.197	.	.	6100	.	M	173.0	7210	0.4	0.58
MORE608R	29-37.1008-90.8131-4-52-000	7.8	210	2.30	0.207	.	.	5800	.	M	155.0	7390	-0.1	0.99
MORE609R	29-37.1280-90.7842-4-52-000	6.7	50	0.80	0.053	.	31.0	6400	11	M	124.0	7800	-0.1	1.06
MORE610R	29-37.1445-90.9185-4-52-000	7.4	220	1.90	0.129	.	55.0	6200	.	M	151.0	7280	0.3	0.59
MORE611R	29-37.1572-90.8437-4-52-000	7.9	170	1.90	0.080	.	42.0	7200	.	M	137.0	7360	-0.1	0.47
MORE612R	29-37.1713-90.8353-4-52-000	7.5	270	2.00	0.111	.	51.0	10100	.	M	165.0	9150	-0.1	0.41
MORE613R	29-37.1706-90.8697-4-52-000	7.7	240	2.80	0.150	.	75.0	7400	42	M	72.0	5100	-0.1	0.63
MORE614R	29-37.1866-90.9031-4-52-000	7.1	110	0.80	0.063	.	46.0	12000	23	M	93.0	5290	0.6	0.57
MORE615R	29-37.2026-90.9330-4-52-000	7.8	180	1.40	0.089	.	85.0	10500	27	M	116.0	7030	0.4	0.49
MORE616R	29-37.2481-90.9577-4-52-000	7.3	250	2.90	0.200	.	70.0	6600	28	M	165.0	4730	-0.1	0.80
MORE617R	29-37.2472-90.9167-4-52-000	7.3	230	2.40	0.106	.	57.0	8400	.	M	151.0	4850	-0.1	0.46
MORE618R	29-37.2393-90.8976-4-52-000	7.3	300	2.90	0.161	.	148.0	14800	.	M	122.0	8010	-0.1	0.54
MORE619R	29-37.2674-90.8376-4-52-000	7.5	330	3.40	0.147	.	63.0	6900	.	M	77.0	4680	-0.1	0.45
MORE620R	29-37.2850-90.8661-4-53-000	7.0	135	1.90	0.078	.	91.0	7300	16	M	111.0	4840	-0.1	0.58
MORE621R	29-37.3040-90.9051-4-52-000	7.0	40	0.80	0.025	.	84.0	6300	.	M	72.0	4550	0.2	0.63
MORE622R	29-37.2691-91.0178-4-52-000	7.3	400	4.10	0.128	.	19.0	8900	12	M	85.0	4980	-0.1	0.32
MORE623R	29-37.2890-90.9926-4-52-000	7.6	290	2.40	0.129	.	65.0	10300	.	M	162.0	6160	-0.1	0.44
MORE624R	29-37.2721-90.9677-4-52-000	7.1	270	1.60	0.083	.	39.0	14600	.	M	123.0	14520	-0.1	0.31
MORE625R	29-37.2995-90.9536-4-52-000	7.5	260	2.70	0.062	.	95.0	8200	47	M	63.0	4770	-0.1	0.24
MORE626R	29-37.3083-90.9765-4-52-000	7.7	230	2.30	0.072	.	84.0	7700	.	M	77.0	4550	-0.1	0.31
MOR1501R	29-36.6671-90.6315-4-52-000	7.5	420	3.60	0.875	.	49.0	9700	54	M	.	4310	-0.1	2.08
MOR1502R	29-36.6777-90.6646-4-52-000	7.5	390	3.90	0.156	.	.	13500	37	M	146.0	4890	-0.1	0.40
MOR1503R	29-36.6307-90.6095-4-52-000	7.5	420	3.50	0.219	.	.	4900	26	M	.	4200	0.3	0.52
MOR1504R	29-36.5485-90.5970-4-52-000	6.9	350	1.80	0.142	.	61.0	17200	167	M	918.0	15960	0.9	0.41
MOR1505R	29-36.5446-90.6676-4-52-000	6.6	220	0.90	0.059	.	72.0	13800	182	M	341.0	9650	-0.1	0.27
MOR1506R	29-36.5439-90.7273-4-52-000	7.7	210	2.00	0.017	.	14.0	2800	79	M	123.0	3300	0.2	0.08
MOR1507R	29-36.5924-90.6518-4-52-000	7.8	310	2.50	0.141	.	26.0	5600	10	M	98.0	3710	-0.1	0.45
MOR1508R	29-36.5933-90.7300-4-52-000	6.7	120	0.76	0.027	.	18.0	5700	.	M	78.0	4100	-0.1	0.23
MOR1509R	29-36.6379-90.6583-4-52-000	7.6	400	3.10	0.346	.	.	10800	36	M	143.0	5100	-0.1	0.87
MOR1510R	29-36.6327-90.7197-4-52-000	7.5	500	2.70	0.196	.	.	42000	89	M	297.0	17030	-0.1	0.39
MOR1511R	29-36.6642-90.7314-4-52-000	6.6	100	0.50	0.032	.	37.0	10000	311	M	146.0	8270	0.6	0.32
MOR1512R	29-36.6426-90.7835-4-52-000	7.7	320	2.70	0.091	.	62.0	7900	11	M	155.0	8260	0.3	0.28
MOR1513R	29-36.6981-90.6407-4-52-000	7.8	360	3.10	0.519	.	14.0	4200	48	M	164.0	6320	-0.1	1.44
MOR1514R	29-36.7833-90.6960-4-52-000	6.6	240	2.20	0.065	.	.	4400	32	M	125.0	6680	-0.1	0.27
MOR1515R	29-36.7801-90.7280-4-52-000	5.9	170	0.90	0.041	.	18.0	5700	40	M	101.0	6740	0.4	0.24
MOR1516R	29-36.7497-90.7380-4-52-000	7.8	390	3.50	0.052	.	.	4200	44	M	156.0	7010	-0.1	0.13
MOR1517R	29-36.7092-90.7845-4-52-000	7.5	340	2.70	0.713	.	51.0	3700	11	M	138.0	6750	-0.1	2.10
MOR1518R	29-36.7257-90.8228-4-52-000	7.2	430	3.50	0.116	.	75.0	8200	40	M	152.0	7140	-0.1	0.27
MOR1519R	29-36.7956-90.8837-4-52-000	7.0	360	3.40	0.093	.	.	7300	.	M	178.0	7550	0.2	0.26
MOR1520R	29-36.8030-90.8551-4-52-000	7.2	310	2.90	0.101	.	.	6700	23	M	157.0	7630	-0.1	0.33
MOR1521R	29-36.7695-90.8370-4-52-000	6.8	360	3.30	0.201	.	.	4200	64	M	171.0	7510	-0.1	0.56
MOR1522R	29-36.7847-90.7989-4-52-000	6.8	360	2.80	0.171	.	1937.0	5900	21	M	.	8650	-0.1	0.48
MOR1523R	29-36.5579-90.8256-4-52-000	7.0	600	4.70	0.202	.	.	10400	.	M	.	12230	-0.1	0.34
MOR1524R	29-36.5627-90.6041-4-52-000	5.8	390	0.54	0.020	.	.	25200	56	M	161.0	17100	-0.1	0.05

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 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOR1525R	29-36.8042-90.7892-4-52-000	6.8	230	1.60	0.094	.	.	6900	29	M	87.0	7910	-0.1	0.41
MOR1526R	29-36.6716-90.7824-4-52-000	7.6	328	3.50	0.210	.	.	15400	11	M	122.0	8060	-0.1	0.64
MOR1527R	29-36.6735-90.8068-4-52-000	7.3	348	3.60	0.290	.	2406.0	5200	9	M	.	6720	-0.1	0.83
MOR1528R	29-36.6371-90.8251-4-52-000	7.7	275	3.00	0.283	.	84.0	7900	.	M	.	7360	-0.1	1.03
MOR1529R	29-36.5993-90.8190-4-52-000	7.3	430	3.20	0.355	.	53.0	8800	40	M	.	9220	0.5	0.83
MOR1530R	29-36.5627-90.7685-4-52-000	7.4	325	3.20	0.078	.	45.0	5900	27	M	.	7040	-0.1	0.24
MOR1533R	29-36.6372-90.9212-4-52-000	7.1	510	5.10	0.291	.	.	12200	27	M	239.0	14210	-0.1	0.57
MOR1534R	29-36.6358-90.9411-4-52-000	7.4	479	4.00	0.689	.	35.0	6000	16	M	167.0	6740	-0.1	1.44
MOR1535R	29-36.6836-90.9790-4-52-000	7.5	421	3.60	0.265	.	29.0	4900	18	M	.	3690	-0.1	0.63
MOR1536R	29-36.7331-90.9948-4-52-000	7.6	308	3.00	0.189	.	32.0	4700	.	M	138.0	3100	0.5	0.61
MOR1537R	29-36.7595-90.9737-4-52-000	7.3	485	3.90	0.171	.	.	7000	10	M	.	4420	0.3	0.35
MOR1538R	29-36.8099-91.0055-4-52-000	7.4	440	3.20	0.239	.	.	6900	11	M	.	4660	0.2	0.54
MOR1539R	29-36.6513-90.9993-4-52-000	7.2	610	4.00	0.341	.	.	15300	.	M	263.0	9060	-0.1	0.56
MOR1540R	29-36.6642-91.0648-4-52-000	7.4	442	4.00	0.225	.	17.0	4500	30	M	.	3430	-0.1	0.51
MOR1541R	29-36.6736-91.1054-4-52-000	7.3	499	3.80	0.519	.	.	9400	.	M	198.0	4620	-0.1	1.04
MOR1542R	29-36.6382-91.0700-4-52-000	7.3	478	4.50	0.663	.	.	4800	26	M	.	3480	-0.1	1.39
MOR1543R	29-36.5657-91.1111-4-52-000	7.5	359	3.30	0.194	.	386.0	4200	28	M	.	3210	0.5	0.54
MOR1544R	29-36.5826-90.8823-4-52-000	7.0	423	4.00	0.316	.	.	5300	9	M	.	3440	-0.1	0.75
MOR1545R	29-36.5411-90.8953-4-52-000	7.2	505	4.50	0.269	.	.	10700	25	M	267.0	7400	0.7	0.53
MOR1546R	29-36.5010-90.9269-4-52-000	7.2	590	5.20	0.263	.	.	14900	.	M	263.0	9280	-0.1	0.45
MOR1547R	29-36.5486-90.9521-4-52-000	7.4	505	4.10	0.371	.	.	9800	36	M	251.0	6660	-0.1	0.73
MOR1548R	29-36.5025-90.9866-4-52-000	7.3	590	4.50	0.225	.	137.0	16300	.	M	.	11430	0.4	0.38
MOR1549R	29-36.5505-91.0105-4-52-000	7.2	650	3.60	0.210	.	.	23800	.	M	265.0	10110	-0.1	0.32
MOR1550R	29-36.5859-91.0037-4-52-000	7.3	615	5.80	0.281	.	38.0	8100	46	M	.	6430	0.4	0.46
MOR1551R	29-36.5742-91.0796-4-52-000	7.4	510	4.80	0.142	.	70.0	10400	.	M	.	6360	-0.1	0.28
MOR1552R	29-36.5465-91.0691-4-52-000	7.2	515	4.40	0.258	.	98.0	10600	.	M	.	6910	-0.1	0.50
MOR1553R	29-36.7161-91.1201-4-52-000	7.3	515	3.80	0.913	.	.	24500	.	M	223.0	17120	-0.1	1.77
MOR1554R	29-36.7143-91.0711-4-52-000	7.4	448	3.80	0.251	.	38.0	12900	34	M	.	7440	-0.1	0.56
MOR1555R	29-36.7733-91.0705-4-52-000	7.2	175	1.40	0.123	.	.	4500	.	M	108.0	3960	-0.1	0.70
MOR1556R	29-36.8093-91.1104-4-52-000	7.3	402	3.90	1.430	.	41.0	5000	28	M	.	4800	-0.1	3.56
MOR1557R	29-36.5852-90.9477-4-52-000	7.0	590	5.80	0.449	.	.	10300	55	M	309.0	6860	-0.1	0.76
MOR1558R	29-36.5107-91.1098-4-52-000	7.2	650	5.80	0.568	.	112.0	18900	.	M	.	12260	-0.1	0.87
MOR1559R	29-36.5004-91.0503-4-52-000	7.1	810	6.80	0.470	.	.	26000	.	M	.	8730	-0.1	0.58
MOR1560R	29-36.6514-90.9147-4-52-000	7.2	305	2.70	0.251	.	.	5000	22	M	126.0	4530	-0.1	0.82
MOR1561R	29-36.7122-90.9863-4-52-000	6.7	250	1.48	0.046	.	.	7600	.	M	116.0	3650	-0.1	0.18
MOR1563R	29-36.5971-90.9126-4-52-000	7.7	331	2.45	0.126	.	.	3800	13	M	143.0	3230	0.3	0.38
MOR1564R	29-36.5774-90.9243-4-52-000	8.1	250	2.80	0.095	.	.	6400	38	M	108.0	3520	0.3	0.38
MOR1565R	29-36.5218-90.9090-4-53-000	7.1	420	4.80	0.194	.	.	5600	29	M	.	4750	0.4	0.46
MOR1566R	29-36.5212-90.9830-4-52-000	7.1	780	8.20	0.345	.	.	10700	86	M	271.0	6490	0.4	0.44
MOR1567R	29-36.5430-90.9838-4-52-000	7.2	690	6.60	2.256	.	.	12500	40	M	289.0	7090	-0.1	3.27
MOR1568R	29-36.5225-91.0174-4-52-000	7.1	650	7.30	0.298	.	62.0	8500	.	M	.	5630	-0.1	0.46
MOR1569R	29-36.5808-91.0286-4-52-000	7.3	590	6.50	0.306	.	.	9600	.	M	250.0	7670	-0.1	0.52
MOR1570R	29-36.5631-91.0884-4-52-000	7.5	491	4.25	0.101	.	.	11600	11	M	.	6080	-0.1	0.21
MOR1571R	29-36.6178-91.0802-4-52-000	7.1	710	6.20	0.368	.	75.0	12200	31	M	.	7470	-0.1	0.52
MOR1572R	29-36.5978-91.0726-4-52-000	7.4	580	6.10	0.374	.	87.0	9000	46	M	.	6610	-0.1	0.64
MOR1573R	29-36.6371-91.0353-4-52-000	6.9	910	8.90	0.366	.	.	33600	44	M	.	11600	-0.1	0.40
MOR1574R	29-36.6076-90.6102-4-52-000	7.2	750	4.60	0.210	.	320.0	47100	56	M	.	8550	0.5	0.28
MOR1575R	29-36.5013-90.6150-4-52-000	6.0	280	0.40	0.004	.	37.0	11400	.	M	66.0	10700	-0.1	0.01
MOR1576R	29-36.4967-90.6452-4-52-000	6.0	230	0.56	0.012	.	57.0	8600	.	M	64.0	9200	0.4	0.05
MOR1577R	29-36.5406-90.6389-4-52-000	7.1	370	2.64	0.009	.	.	6600	82	M	1117.0	7920	-0.1	0.02
MOR1578R	29-36.5673-90.6595-4-52-000	7.2	700	5.40	0.300	.	49.0	20900	.	M	.	23560	-0.1	0.43
MOR1579R	29-36.5769-90.6906-4-52-000	7.4	550	3.90	0.287	.	.	40600	67	M	214.0	18410	0.7	0.52
MOR1580R	29-36.5731-90.7188-4-52-000	7.6	420	3.30	0.077	.	.	18300	.	M	144.0	5340	0.4	0.18

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MOR1581R	29-36.5293-90.7694-4-52-000	7.8	365	3.00	0.160	.	41.0	10900	.	M	.	5790	-0.1	0.44
MOR1582R	29-36.6807-90.7135-4-52-000	6.3	200	0.64	0.023	.	66.0	20200	16	M	76.0	9940	-0.1	0.12
MOR1583R	29-36.6536-90.6129-4-52-000	7.2	360	3.30	0.211	.	.	5000	.	M	140.0	3560	-0.1	0.59
MOR1584R	29-36.7800-90.6723-4-52-000	7.4	420	4.60	0.193	.	.	3600	54	M	.	4270	0.2	0.46
MOR1585R	29-36.7566-90.6414-4-52-000	7.2	340	2.80	0.076	.	48.0	8300	.	M	.	4510	-0.1	0.22
MOR1586R	29-36.7232-90.7418-4-52-000	7.4	490	3.60	0.276	.	.	8400	32	M	166.0	5350	0.5	0.56
MOR1587R	29-36.7452-90.7573-4-53-000	7.5	330	3.20	0.999	.	.	2600	9	M	143.0	3630	-0.1	3.03
MOR1588R	29-36.6959-90.7620-4-53-000	7.3	440	3.80	0.329	.	.	4400	24	M	167.0	5140	-0.1	0.75
MOR1589R	29-36.7117-90.8072-4-52-000	7.4	410	3.20	0.127	.	8.0	2900	18	M	127.0	3500	0.3	0.31
MOR1590R	29-36.7485-90.8063-4-52-000	7.5	390	3.60	0.193	.	.	1900	23	M	144.0	3840	0.4	0.49
MOR1591R	29-36.6662-90.7488-4-52-000	7.4	420	4.60	0.154	.	.	5200	15	M	.	3850	-0.1	0.37
MOR1592R	29-36.5938-90.7705-4-52-000	7.7	350	4.00	0.123	.	.	1700	.	M	127.0	3830	-0.1	0.35
MOR1593R	29-36.6286-90.7094-4-52-000	7.2	300	3.00	0.085	.	.	6900	24	M	114.0	4310	0.3	0.28
MOR1594R	29-36.6828-90.6999-4-52-000	7.5	310	3.00	0.097	.	.	7300	35	M	132.0	4260	0.2	0.31
MOR1595R	29-36.6597-90.9611-4-53-000	7.2	460	5.00	0.335	.	.	3300	.	M	186.0	3650	0.5	0.73
MOR1596R	29-36.7014-90.9143-4-52-000	7.3	435	4.30	0.140	.	.	2300	18	M	175.0	3650	-0.1	0.32
MOR1597R	29-36.8103-91.0569-4-52-000	7.7	301	2.70	0.113	.	.	1200	34	M	128.0	3240	-0.1	0.38
MOR1598R	29-36.7047-90.6947-4-53-000	7.3	340	3.60	0.250	.	.	3500	13	M	.	4150	0.3	0.74
MOR1599R	29-36.7016-90.8765-4-52-000	7.7	370	3.60	1.912	.	293.0	2200	.	M	128.0	3450	-0.1	5.17
MOR1600R	29-36.7294-90.8605-4-52-000	7.6	460	3.80	0.187	.	.	13000	.	M	196.0	4510	-0.1	0.41
MOR1601R	29-36.6225-90.7752-4-52-000	8.1	325	3.00	1.215	.	.	4400	26	M	148.0	3970	0.3	3.74
MOR1602R	29-36.5920-90.8406-4-52-000	7.6	510	5.00	0.689	.	.	12400	.	M	267.0	9880	-0.1	1.35
MOR1603R	29-36.5646-90.8756-4-52-000	7.3	750	6.60	0.827	.	.	17400	32	M	310.0	12190	-0.1	1.10
MOR1604R	29-36.5305-90.8528-4-52-000	7.7	495	3.00	0.195	.	4953.0	13900	27	M	177.0	9630	-0.1	0.39
MOR1605R	29-36.5201-90.7409-4-52-000	7.2	600	5.80	0.273	.	32.0	5600	27	M	241.0	8340	-0.1	0.46
MOR1606R	29-36.5571-90.6952-4-52-000	7.3	370	3.60	0.206	.	.	9000	12	M	194.0	5420	-0.1	0.56
MOR1607R	29-36.5272-90.6593-4-52-000	7.7	75	0.40	0.016	.	42.0	3100	19	M	86.0	5700	-0.1	0.21
MOR1608R	29-36.5240-90.5853-4-52-000	7.5	120	0.20	0.014	.	12.0	3900	79	M	250.0	5780	-0.1	0.12
MOR1609R	29-36.5876-90.5923-4-52-000	7.1	80	0.40	-0.002	.	21.0	3400	8	M	85.0	5370	-0.1	M
MOR1610R	29-36.6175-90.6468-4-52-000	7.4	365	3.70	0.130	.	52.0	4400	11	M	.	4440	0.2	0.36
MOR1611R	29-36.6326-90.8881-4-52-000	7.5	470	5.40	0.687	.	458.0	3400	38	M	.	3450	0.4	1.46
MOR1612R	29-36.7365-90.9337-4-52-000	7.3	371	3.30	-0.002	.	.	M	.	M	.	M	-0.1	M
MOR1613R	29-36.7869-90.9590-4-53-000	7.1	478	3.60	0.322	.	.	2300	26	M	153.0	3020	0.5	0.67
MOR1614R	29-36.6264-90.9964-4-52-000	7.6	449	3.80	0.330	.	.	2500	.	M	178.0	3610	-0.1	0.73
MOR1615R	29-36.5352-91.0784-4-52-000	7.5	460	5.20	0.228	.	.	1800	8	M	143.0	3180	0.3	0.50
MOSD501R	29-36.7888-90.1884-4-52-000	7.2	270	3.90	0.027	.	38.0	5700	122	M	228.0	5170	0.6	0.10
MOSD502R	29-36.7887-90.1058-4-52-000	6.8	164	2.00	0.018	.	25.0	5100	59	M	234.0	6620	-0.1	0.11
MOSD503R	29-36.7738-90.0905-4-52-000	7.2	302	3.40	0.034	.	65.0	9900	133	M	153.0	9900	-0.1	0.11
MOSD504R	29-36.7718-90.0354-4-52-000	7.4	630	3.80	0.020	.	.	76100	218	M	101.0	41620	-0.1	0.03
MOSD505R	29-36.7276-90.0837-4-52-000	7.2	1020	4.20	0.078	.	633.0	196000	.	M	334.0	73150	-0.1	0.08
MOSD506R	29-36.6916-90.0812-4-52-000	7.4	890	4.20	1.844	.	435.0	126500	.	M	195.0	49200	-0.1	2.07
MOSD507R	29-36.6898-90.1140-4-52-000	7.1	800	4.20	0.746	.	339.0	95000	.	M	495.0	28660	4.4	0.93
MOSD508R	29-36.6468-90.0842-4-52-000	7.3	690	4.80	0.060	.	.	71300	.	M	266.0	36960	-0.1	0.09
MOSD509R	29-36.6419-90.0261-4-52-000	7.2	610	4.40	0.056	.	219.0	54500	93	M	146.0	34100	-0.1	0.09
MOSD510R	29-36.6553-89.9707-4-52-000	7.2	108	0.48	-0.002	.	35.0	8500	.	M	52.0	4890	-0.1	M
MOSD511R	29-36.6751-89.9160-4-52-000	7.0	370	2.80	0.296	.	72.0	15700	43	M	240.0	20380	-0.1	0.80
MOSD512R	29-36.6489-89.9024-4-52-000	6.2	158	0.68	0.018	.	36.0	10600	24	M	80.0	6870	-0.1	0.11
MOSD513R	29-36.6429-89.8652-4-52-000	6.9	307	3.40	0.014	.	47.0	7000	110	M	224.0	7280	-0.1	0.05
MOSD514R	29-36.6353-89.8105-4-52-000	6.1	168	0.88	-0.002	.	.	13600	94	M	19.0	21640	-0.1	M
MOSD515R	29-36.6439-89.7448-4-52-000	6.6	350	2.60	0.019	.	58.0	8400	62	M	408.0	5190	-0.1	0.05
MOSD516R	29-36.7704-89.8089-4-52-000	6.1	164	0.52	0.012	.	30.0	10100	21	M	95.0	8670	-0.1	0.07
MOSD517R	29-36.7167-89.7378-4-52-000	6.6	228	2.00	0.001	.	24.0	8100	201	M	613.0	4300	-0.1	0.00
MOSD518R	29-36.7305-89.8042-4-52-000	6.0	248	0.80	-0.002	.	53.0	21200	50	M	149.0	13750	-0.1	M

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOSD519R	29-36.6855-89.8099-4-52-000	6.1	208	0.68	-0.002	.	76.0	16500	39	M	106.0	16350	-0.1	M
MOSD520R	29-36.6869-89.7662-4-52-000	6.0	222	0.48	0.016	.	52.0	13000	33	M	99.0	7530	-0.1	0.07
MOSD521R	29-36.6873-89.8473-4-52-000	6.5	128	0.66	-0.002	.	56.0	7800	66	M	73.0	5980	0.7	M
MOSD522R	29-36.7279-89.8542-4-52-000	6.9	236	1.80	0.046	.	.	10000	40	M	245.0	10880	-0.1	0.19
MOSD523R	29-36.7317-89.9167-4-52-000	6.8	245	0.80	0.006	.	.	31300	.	M	167.0	7730	-0.1	0.02
MOSD524R	29-36.7844-89.9156-4-52-000	7.1	172	1.36	0.010	.	57.0	8500	81	M	221.0	5340	-0.1	0.06
MOSD525R	29-36.7721-89.8752-4-52-000	6.2	208	0.80	-0.002	.	23.0	7200	95	M	98.0	10550	-0.1	M
MOSD526R	29-36.7291-89.9692-4-52-000	5.7	130	0.32	-0.002	.	52.0	14500	20	M	82.0	5940	-0.1	M
MOSD527R	29-36.6887-89.9740-4-52-000	5.7	220	0.40	0.032	.	49.0	16600	23	M	147.0	5610	-0.1	0.15
MOSD528R	29-36.7072-90.0310-4-52-000	7.0	598	3.20	0.069	.	349.0	50600	65	M	155.0	33160	-0.1	0.12
MOSD529R	29-36.7251-90.0213-4-52-000	6.9	335	0.90	0.253	.	.	15500	237	M	67.0	21330	-0.1	0.76
MOSD530R	29-36.8307-90.1917-4-52-000	7.0	362	3.70	0.015	.	35.0	5700	131	M	362.0	7030	-0.1	0.04
MOSD531R	29-36.8361-90.1514-4-52-000	7.6	348	3.70	0.101	.	36.0	6200	102	M	197.0	7540	2.2	0.29
MOSD532R	29-36.8265-90.0955-4-52-000	7.4	442	4.10	0.008	.	49.0	7800	65	M	306.0	8280	0.6	0.02
MOSD533R	29-36.8335-90.0253-4-52-000	6.5	720	2.40	0.138	.	646.0	79100	.	M	202.0	33080	-0.1	0.19
MOSD534R	29-36.8289-89.9667-4-52-000	6.2	100	0.48	-0.002	.	75.0	10700	.	M	78.0	5510	-0.1	M
MOSD535R	29-36.8349-89.7365-4-52-000	6.8	370	2.80	-0.002	.	57.0	15400	23	M	262.0	6130	-0.1	M
MOSD536R	29-36.8217-89.8080-4-52-000	7.6	550	4.80	8.774	.	123.0	20400	90	M	600.0	37940	-0.1	15.95
MOSD537R	29-36.8266-89.8645-4-52-000	6.0	142	0.36	0.075	.	.	9100	32	M	93.0	6890	-0.1	0.53
MOSD538R	29-36.8318-89.8967-4-52-000	6.8	210	1.30	0.040	.	.	10000	35	M	204.0	7900	-0.1	0.19
MOSD539R	29-36.7274-90.1211-4-52-000	7.4	750	5.20	2.278	.	181.0	47700	107	M	866.0	26620	-0.1	3.04
MOSD540R	29-36.8477-90.1875-4-52-000	7.3	260	3.00	0.026	.	24.0	7100	67	M	336.0	10100	-0.1	0.10
MOSD541R	29-36.8790-90.2369-4-52-000	6.8	850	2.90	0.282	.	313.0	69400	132	M	3184.0	44360	-0.1	0.33
MOSD542R	29-36.8779-90.1945-4-52-000	6.4	250	0.16	0.009	.	27.0	25200	.	M	118.0	11580	0.8	0.04
MOSD543R	29-36.8768-90.1398-4-52-000	6.8	220	1.88	0.103	.	1591.0	4900	29	M	104.0	5550	1.2	0.47
MOSD544R	29-36.8773-90.0903-4-52-000	7.3	410	4.70	0.055	.	57.0	6500	96	M	.	7790	-0.1	0.13
MOSD545R	29-36.8738-90.0245-4-52-000	6.7	300	2.20	0.003	.	.	17100	77	M	127.0	15930	-0.1	0.01
MOSD546R	29-36.8618-89.9635-4-52-000	6.7	220	2.08	0.002	.	52.0	7300	79	M	255.0	8570	-0.1	0.01
MOSD547R	29-36.9205-89.9847-4-52-000	7.1	180	1.56	0.139	.	47.0	5500	93	M	112.0	6420	0.3	0.77
MOSD548R	29-36.9126-90.0320-4-52-000	7.0	100	0.60	-0.002	.	71.0	6300	51	M	74.0	11140	-0.1	M
MOSD549R	29-36.9134-90.0747-4-52-000	7.0	410	1.76	0.150	.	.	35400	.	M	116.0	15910	-0.1	0.37
MOSD550R	29-36.9105-90.1348-4-52-000	7.4	440	5.50	0.064	.	.	M	.	M	M	M	-0.1	0.15
MOSD551R	29-36.9172-90.1995-4-52-000	7.6	390	3.90	0.116	.	.	8000	49	M	145.0	7510	0.6	0.30
MOSD552R	29-36.9160-90.2485-4-52-000	7.4	330	3.90	-0.002	.	57.0	8200	58	M	639.0	7830	-0.1	M
MOSD553R	29-36.9483-90.1835-4-52-000	7.3	600	6.00	0.678	.	.	22300	102	M	255.0	30900	-0.1	1.13
MOSD554R	29-36.9632-90.1363-4-52-000	7.6	220	1.05	0.070	.	91.0	10900	52	M	118.0	9480	-0.1	0.32
MOSD555R	29-36.9555-90.0776-4-52-000	7.0	340	1.70	0.019	.	.	17800	65	M	167.0	22020	-0.1	0.06
MOSD556R	29-36.9632-90.0251-4-52-000	7.1	100	0.44	0.010	.	48.0	8900	.	M	122.0	11380	-0.1	0.10
MOSD557R	29-36.9627-89.9690-4-52-000	7.0	170	1.08	0.032	.	122.0	16700	99	M	142.0	7140	0.6	0.19
MOSD558R	29-37.0068-89.9673-4-52-000	7.2	350	1.90	0.296	.	11.0	11600	127	M	162.0	15120	1.4	0.85
MOSD559R	29-37.0005-90.0171-4-52-000	7.2	700	5.40	1.702	.	.	54900	.	M	600.0	17540	-0.1	2.43
MOSD560R	29-37.0077-90.0718-4-52-000	7.2	460	4.40	0.882	.	47.0	11100	175	M	1045.0	13890	-0.1	1.92
MOSD561R	29-36.8721-89.9068-4-52-000	7.2	200	1.28	0.182	.	89.0	13800	31	M	421.0	9740	-0.1	0.91
MOSD562R	29-36.8715-89.8566-4-53-000	6.6	160	0.72	0.030	.	70.0	8200	54	M	151.0	13870	-0.1	0.19
MOSD563R	29-36.8643-89.7958-4-52-000	6.9	440	1.54	0.034	.	109.0	19700	139	M	183.0	30970	0.7	0.08
MOSD564R	29-36.8813-89.7572-4-52-000	6.1	230	0.62	0.007	.	.	13700	23	M	159.0	11570	-0.1	0.03
MOSD565R	29-36.9165-89.7342-4-52-000	7.1	450	2.88	0.054	.	.	23500	58	M	532.0	23750	-0.1	0.12
MOSD566R	29-36.9192-89.6968-4-52-000	7.2	120	0.60	0.013	.	.	6800	48	M	210.0	8380	0.5	0.11
MOSD567R	29-36.9642-89.7464-4-52-000	7.3	600	4.90	0.020	.	197.0	43200	30	M	410.0	40000	0.8	0.03
MOSD568R	29-36.9653-89.7960-4-52-000	7.3	600	5.30	0.057	.	51.0	12600	104	M	495.0	20920	-0.1	0.10
MOSD569R	29-36.9621-89.8366-4-52-000	7.2	600	3.70	0.340	.	149.0	28000	43	M	1281.0	25540	-0.1	0.57
MOSD570R	29-36.3202-89.7912-4-52-000	7.2	900	5.80	0.396	.	420.0	91700	.	M	592.0	56100	-0.1	0.44
MOSD571R	29-36.9183-89.8851-4-52-000	6.5	80	0.32	0.026	.	87.0	13400	.	M	156.0	7840	-0.1	0.33

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

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U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOSD572R	29-36.9123-89.9164-4-52-000	7.2	220	1.72	0.262	.	.	6500	60	M	169.0	6840	0.5	1.19
MOSD573R	29-36.9655-89.9114-4-52-000	6.9	270	1.40	0.041	.	57.0	12300	85	M	175.0	22640	0.8	0.15
MOSD574R	29-37.0031-89.9068-4-52-000	7.4	380	3.60	0.300	.	56.0	7200	90	M	222.0	7600	-0.1	0.79
MOSD575R	29-37.0518-89.9650-4-52-000	7.4	700	4.20	3.476	.	43.0	28300	508	M	962.0	34320	1.1	4.97
MOSD576R	29-37.0983-89.9264-4-52-000	7.3	90	0.28	0.172	.	.	6600	51	M	174.0	7210	1.7	1.91
MOSD577R	29-37.0988-89.8720-4-52-000	7.2	350	3.20	0.169	.	.	M	.	M	.	M	-0.1	0.48
MOSD578R	29-37.1026-89.8021-4-52-000	7.6	600	3.90	0.131	.	273.0	48800	.	M	331.0	25380	-0.1	0.22
MOSD579R	29-37.0536-89.7958-4-52-000	7.5	550	5.50	0.266	.	168.0	14100	.	M	293.0	11880	-0.1	0.48
MOSD580R	29-37.0547-89.9126-4-52-000	7.5	600	3.49	0.107	.	70.0	25400	102	M	231.0	23180	1.1	0.18
MOSD581R	29-37.0501-89.8477-4-52-000	7.0	480	3.90	0.418	.	65.0	9400	103	M	.	11060	0.3	0.87
MOSD582R	29-37.0083-89.8584-4-52-000	7.0	430	4.40	0.125	.	.	9700	216	M	175.0	10120	-0.1	0.29
MOSD583R	29-37.0060-89.7964-4-52-000	7.1	600	4.70	0.079	.	.	21000	72	M	302.0	16930	-0.1	0.13
MOSD584R	29-37.0076-89.7496-4-52-000	7.1	650	4.10	0.223	.	.	19300	70	M	457.0	45180	-0.1	0.34
MOSD585R	29-36.8165-90.0228-4-52-000	7.2	450	4.80	0.457	.	22.0	12700	234	M	197.0	14060	0.7	1.02
MOSD586R	29-36.8196-90.0592-4-52-000	7.6	410	3.80	0.027	.	139.0	13600	144	M	372.0	11350	-0.1	0.07
MOSD587R	29-36.8448-90.0582-4-52-000	7.2	1275	7.20	1.160	.	.	100100	167	M	558.0	93100	-0.1	0.91
MOSD588R	29-36.8522-90.0960-4-52-000	7.6	435	5.20	0.172	.	.	8700	117	M	487.0	9540	-0.1	0.40
MOSD589R	29-36.8205-90.1401-4-52-000	7.4	430	4.80	0.023	.	.	9700	84	M	216.0	7920	-0.1	0.05
MOSD590R	29-36.9064-90.2190-4-52-000	7.3	420	4.00	3.094	.	.	13500	87	M	2833.0	10130	0.8	7.37
MOSD591R	29-36.9116-90.1033-4-52-000	7.3	1400	8.60	2.487	.	280.0	91400	.	M	761.0	106850	1.9	1.78
MOSD592R	29-36.9301-90.1153-4-52-000	7.2	375	3.70	0.159	.	.	M	.	M	.	600	-0.1	0.42
MOSD593R	29-36.9442-90.1483-4-52-000	7.4	405	3.50	0.252	.	.	14600	52	M	173.0	12230	0.3	0.62
MOSD594R	29-36.9368-90.0770-4-52-000	6.4	250	1.40	0.004	.	103.0	13900	84	M	106.0	19110	0.3	0.02
MOSD595R	29-36.9381-90.0224-4-52-000	6.4	130	0.90	0.013	.	76.0	9300	64	M	80.0	7450	0.5	0.10
MOSD596R	29-36.9746-90.0617-4-52-000	7.2	530	5.00	0.157	.	.	16900	.	M	242.0	13630	-0.1	0.30
MOSD597R	29-36.9742-90.1021-4-52-000	7.5	335	3.50	0.152	.	.	7500	43	M	138.0	9750	-0.1	0.45
MOSD598R	29-37.0023-90.1090-4-52-000	7.5	330	3.20	0.009	.	61.0	5400	124	M	287.0	8060	-0.1	0.03
MOSD599R	29-37.0308-90.0575-4-52-000	6.4	190	0.80	0.002	.	39.0	11600	46	M	589.0	12890	-0.1	M
MOSD600R	29-37.0296-90.0199-4-52-000	7.1	440	4.80	0.011	.	36.0	6900	54	M	387.0	11030	-0.1	0.03
MOSD601R	29-36.9996-89.9433-4-52-000	5.9	50	0.50	0.018	.	25.0	4900	24	M	76.0	5650	-0.1	0.36
MOSD602R	29-36.9681-89.9319-4-52-000	7.2	780	9.20	2.418	.	.	14700	290	M	454.0	31840	-0.1	3.10
MOSD603R	29-36.9359-89.9413-4-52-000	5.9	70	0.60	0.061	.	52.0	5200	.	M	148.0	7560	0.3	0.87
MOSD604R	29-36.8451-89.9727-4-53-000	7.0	50	0.40	0.023	.	.	3100	51	M	186.0	7050	-0.1	0.46
MOSD605R	29-36.8744-90.0571-4-52-000	6.6	350	2.40	0.019	.	184.0	24200	.	M	205.0	17530	-0.1	0.05
MOSD606R	29-36.8759-89.9852-4-52-000	7.4	400	2.90	0.078	.	213.0	25300	48	M	204.0	22790	0.5	0.20
MOSD607R	29-36.9058-89.9359-4-52-000	7.4	375	2.30	0.005	.	185.0	20700	95	M	166.0	15630	0.4	0.01
MOSD608R	29-36.9430-89.9871-4-52-000	7.5	60	0.40	0.015	.	35.0	4600	26	M	138.0	7520	-0.1	0.25
MOSD609R	29-37.0438-89.9546-4-52-000	8.1	850	4.80	0.192	.	.	26900	41	M	431.0	24580	-0.1	0.23
MOSD610R	29-36.8450-89.8624-4-52-000	6.3	135	0.50	0.002	.	39.0	7300	61	M	164.0	8810	0.5	0.01
MOSD611R	29-36.8490-89.8210-4-52-000	7.0	330	2.24	0.057	.	40.0	9900	18	M	288.0	26580	-0.1	0.17
MOSD612R	29-36.8522-89.7742-4-52-000	6.8	420	3.30	0.015	.	.	17600	57	M	923.0	11440	-0.1	0.04
MOSD613R	29-36.8539-89.7044-4-52-000	7.0	600	4.30	0.012	.	.	32900	.	M	615.0	24240	0.6	0.02
MOSD614R	29-36.8897-89.6998-4-52-000	6.7	193	0.60	0.018	.	24.0	11000	29	M	189.0	13260	1.6	0.09
MOSD615R	29-36.9387-89.7441-4-52-000	7.3	550	4.00	0.007	.	171.0	19900	53	M	374.0	38780	-0.1	0.01
MOSD616R	29-36.9560-89.7781-4-52-000	6.7	490	3.90	0.012	.	.	32200	.	M	329.0	12790	-0.1	0.02
MOSD617R	29-36.9365-89.8120-4-52-000	7.0	800	5.20	0.022	.	158.0	50800	107	M	468.0	33020	-0.1	0.03
MOSD618R	29-36.8779-89.8212-4-52-000	6.4	300	2.80	-0.002	.	56.0	10700	47	M	927.0	12970	-0.1	M
MOSD619R	29-36.9033-89.8288-4-52-000	6.2	130	0.88	0.002	.	40.0	5400	43	M	155.0	8200	-0.1	0.02
MOSD620R	29-36.9384-89.8668-4-52-000	6.3	180	1.16	0.025	.	15.0	5900	130	M	1011.0	11830	-0.1	0.14
MOSD621R	29-36.9336-89.9017-4-52-000	6.3	130	1.16	0.004	.	27.0	3800	19	M	205.0	7980	-0.1	0.03
MOSD622R	29-36.9737-89.8712-4-53-000	5.9	85	0.52	0.050	.	.	3700	35	M	137.0	8860	0.8	0.59
MOSD623R	29-37.0337-89.9059-4-52-000	6.1	175	0.80	0.008	.	137.0	16200	.	M	119.0	15020	-0.1	0.05
MOSD624R	29-37.0279-89.8710-4-52-000	6.2	115	0.48	0.018	.	51.0	6500	.	M	118.0	9530	0.2	0.16

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOSD625R	29-37.0368-89.7771-4-52-000	7.1	550	4.00	0.009	.	93.0	6300	47	M	377.0	14590	-0.1	0.02
MOSD626R	29-37.0392-89.8306-4-52-000	7.4	370	3.50	0.174	.	33.0	5200	63	M	.	9610	1.2	0.47
MOSD627R	29-37.0613-89.8178-4-52-000	7.2	900	6.00	2.360	.	33.0	35900	.	M	450.0	17900	-0.1	2.62
MOSD628R	29-36.8105-89.7746-4-52-000	6.7	400	3.40	0.067	.	.	7800	156	M	289.0	12900	-0.1	0.17
MOSD629R	29-36.8291-89.7361-4-52-000	6.5	430	2.70	0.017	.	73.0	10800	96	M	393.0	13610	-0.1	0.04
MOSD630R	29-36.7992-89.7380-4-52-000	6.5	320	2.10	0.014	.	.	8800	85	M	484.0	11800	-0.1	0.04
MOSD631R	29-36.7602-89.7456-4-52-000	7.0	495	3.80	0.057	.	.	16700	106	M	149.0	14320	-0.1	0.12
MOSD632R	29-36.7430-89.7691-4-52-000	6.6	310	1.70	0.012	.	.	11400	79	M	863.0	9630	-0.1	0.04
MOSD633R	29-36.6996-89.7063-4-52-000	6.4	180	0.50	-0.002	.	.	8500	37	M	163.0	8220	-0.1	M
MOSD634R	29-36.7320-89.7090-4-52-000	6.3	295	0.32	0.016	.	32.0	11100	39	M	121.0	10190	0.4	0.05
MOSD635R	29-36.7120-89.7662-4-52-000	6.6	220	1.02	0.049	.	31.0	9300	53	M	135.0	10180	4.7	0.22
MOSD636R	29-36.6739-89.7824-4-52-000	6.6	150	0.62	-0.002	.	.	6100	63	M	177.0	9650	0.4	M
MOSD637R	29-36.6705-89.8212-4-52-000	6.7	200	1.08	0.075	.	.	7000	46	M	301.0	8330	0.6	0.38
MOSD638R	29-36.6501-89.7101-4-52-000	6.4	145	0.32	0.019	.	16.0	5900	36	M	101.0	7140	0.3	0.13
MOSD639R	29-36.7522-89.8055-4-52-000	6.0	280	0.38	0.009	.	.	22600	.	M	106.0	16970	0.4	0.03
MOSD640R	29-36.7460-89.8622-4-52-000	6.3	480	0.56	0.013	.	.	53500	.	M	120.0	25870	-0.1	0.03
MOSD641R	29-36.8011-89.8907-4-52-000	6.3	470	0.60	0.017	.	.	26000	.	M	.	24050	-0.1	0.04
MOSD642R	29-36.7920-90.1430-4-52-000	7.3	420	3.10	0.014	.	.	7500	66	M	209.0	9010	-0.1	0.03
MOSD643R	29-36.7516-90.1210-4-52-000	6.7	700	3.50	0.056	.	.	28700	68	M	608.0	20780	-0.1	0.08
MOSD644R	29-36.7545-90.0644-4-52-000	7.0	1300	2.90	0.316	.	.	167200	.	M	718.0	74400	-0.1	0.24
MOSD645R	29-36.7607-90.0247-4-52-000	7.1	600	1.00	-0.002	.	58.0	14100	64	M	252.0	33480	-0.1	M
MOSD646R	29-36.7550-89.9806-4-52-000	7.5	1450	2.20	0.123	.	.	431000	228	M	580.0	194650	-0.1	0.08
MOSD647R	29-36.7773-89.9311-4-52-000	6.8	300	0.85	-0.002	.	.	19000	96	M	233.0	14960	0.5	M
MOSD648R	29-36.7536-89.9361-4-52-000	7.2	600	2.50	0.029	.	88.0	30100	48	M	533.0	25180	-0.1	0.05
MOSD649R	29-36.7146-89.9357-4-52-000	7.1	315	1.30	0.015	.	.	8700	29	M	.	12660	-0.1	0.05
MOSD650R	29-36.6928-89.9365-4-52-000	7.1	420	1.60	0.203	.	.	7500	32	M	290.0	7920	-0.1	0.48
MOSD651R	29-36.6999-89.9057-4-52-000	6.9	150	0.36	0.012	.	.	10700	53	M	281.0	10240	-0.1	0.08
MOSD652R	29-36.7577-89.9168-4-52-000	6.5	265	0.48	0.006	.	217.0	9300	41	M	144.0	13360	1.8	0.02
MOSD653R	29-37.1084-89.8277-4-52-000	7.3	375	4.60	-0.002	.	24.0	4600	105	M	242.0	7720	-0.1	M
MOSD654R	29-37.0705-89.8588-4-52-000	7.0	760	9.60	0.297	.	.	44500	.	M	526.0	28600	-0.1	0.39
MOSD655R	29-37.0633-89.9340-4-52-000	7.4	382	4.20	0.003	.	40.0	6000	78	M	337.0	8670	-0.1	0.01
MOSF501R	29-37.7600-90.3529-4-52-000	7.7	270	1.80	0.569	.	176.0	13800	63	M	147.0	9840	-0.1	2.11
MOSF502R	29-37.7461-90.3129-4-52-000	7.8	300	1.60	0.872	.	84.0	14900	49	M	157.0	11620	-0.1	2.91
MOSF503R	29-37.7166-90.2783-4-52-000	7.6	510	3.60	0.663	.	100.0	17700	.	M	362.0	23840	-0.1	1.30
MOSF504R	29-37.7273-90.3078-4-52-000	7.7	510	3.60	0.703	.	228.0	18300	92	M	338.0	23580	-0.1	1.38
MOSF505R	29-37.6604-90.1672-4-52-000	7.9	300	1.80	0.102	.	48.0	5200	.	M	148.0	5930	0.2	0.34
MOSF506R	29-37.6667-90.1898-4-52-000	6.8	80	0.36	0.036	.	78.0	8800	.	M	99.0	7040	-0.1	0.45
MOSF507R	29-37.6589-90.2260-4-52-000	7.1	160	0.36	-0.002	.	.	13400	.	M	148.0	10140	-0.1	M
MOSF508R	29-37.6635-90.2530-4-52-000	7.4	420	3.50	0.528	.	53.0	7800	47	M	201.0	7830	-0.1	1.26
MOSF509R	29-37.6896-90.2740-4-52-000	7.2	310	2.40	0.401	.	25.0	8500	37	M	193.0	6770	-0.1	1.29
MOSF510R	29-37.6974-90.3118-4-52-000	7.6	360	2.90	0.250	.	75.0	5300	.	M	183.0	5580	-0.1	0.69
MOSF511R	29-37.6695-90.2941-4-52-000	7.8	340	2.00	0.189	.	59.0	6500	.	M	172.0	6110	-0.1	0.56
MOSF512R	29-37.6654-90.3601-4-52-000	7.0	290	0.36	0.018	.	487.0	31400	.	M	94.0	13170	-0.1	0.06
MOSF513R	29-37.6933-90.3589-4-52-000	7.2	270	1.80	0.081	.	92.0	6700	18	M	140.0	7040	-0.1	0.30
MOSF514R	29-37.7184-90.3627-4-52-000	7.4	330	2.40	0.179	.	67.0	8300	.	M	118.0	5860	0.3	0.54
MOSF515R	29-37.7599-90.3979-4-52-000	7.5	490	2.80	1.330	.	.	8700	57	M	105.0	12670	-0.1	2.71
MOSF516R	29-37.7355-90.3920-4-52-000	7.6	460	2.70	0.278	.	118.0	13300	53	M	91.0	10750	-0.1	0.60
MOSF517R	29-37.7081-90.3914-4-52-000	7.6	450	4.20	0.249	.	.	7900	.	M	124.0	5860	-0.1	0.55
MOSF518R	29-37.6758-90.3941-4-52-000	7.2	370	1.80	0.623	.	343.0	34600	813	M	190.0	18810	-0.1	1.68
MOSF519R	29-37.6586-90.4137-4-52-000	7.1	340	1.20	0.653	.	319.0	27100	381	M	116.0	21730	-0.1	1.92
MOSF520R	29-37.6879-90.4247-4-52-000	7.5	240	1.40	0.845	.	71.0	10700	1161	M	94.0	31890	1.4	3.52
MOSF521R	29-37.7192-90.4225-4-52-000	7.7	370	2.80	0.190	.	.	8500	61	M	189.0	8890	-0.1	0.51
MOSF522R	29-37.7493-90.4339-4-52-000	7.6	490	3.10	0.510	.	105.0	10300	52	M	221.0	8470	-0.1	1.04

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOSF523R	29-37.7659-90.4642-4-52-000	7.8	440	2.40	0.210	.	69.0	8700	32	M	172.0	8350	0.8	0.48
MOSF524R	29-37.7321-90.4796-4-52-000	7.8	440	4.00	0.471	.	40.0	8500	55	M	97.0	7810	-0.1	1.07
MOSF525R	29-37.7054-90.4853-4-52-000	7.4	320	1.60	0.129	.	136.0	23100	32	M	153.0	19160	-0.1	0.40
MOSF526R	29-37.6691-90.4805-4-52-000	8.1	410	1.50	4.399	.	.	20600	4193	M	95.0	51710	-0.1	10.73
MOSF527R	29-37.7570-90.5054-4-52-000	7.7	490	3.40	0.711	.	99.0	13800	103	M	103.0	9450	-0.1	1.45
MOSF528R	29-37.7600-90.5356-4-52-000	7.8	650	4.80	2.138	.	243.0	26400	.	M	366.0	21080	-0.1	3.29
MOSF529R	29-37.7316-90.5505-4-52-000	7.5	360	1.60	0.072	.	219.0	13100	142	M	329.0	17800	-0.1	0.20
MOSF530R	29-37.7263-90.5099-4-52-000	7.2	480	2.60	2.428	.	83.0	9600	441	M	194.0	13120	-0.1	5.06
MOSF531R	29-37.6989-90.5226-4-52-000	7.4	220	1.80	0.160	.	75.0	10000	.	M	140.0	10180	2.5	0.73
MOSF532R	29-37.7041-90.5548-4-52-000	7.4	200	0.75	0.605	.	30.0	12200	.	M	103.0	8670	-0.1	3.03
MOSF533R	29-37.6617-90.5528-4-52-000	7.6	290	1.40	1.231	.	165.0	17000	363	M	139.0	11790	1.5	4.24
MOSF534R	29-37.6717-90.5963-4-52-000	7.5	270	1.80	0.605	.	198.0	16500	738	M	100.0	12480	-0.1	2.24
MOSF535R	29-37.6747-90.6265-4-52-000	7.4	490	4.10	0.494	.	95.0	13200	111	M	101.0	8760	-0.1	1.01
MOSF536R	29-37.7022-90.6238-4-52-000	7.7	240	2.60	0.375	.	62.0	7300	1096	M	122.0	16450	-0.1	1.56
MOSF537R	29-37.7098-90.5842-4-52-000	7.7	370	2.90	0.903	.	70.0	9400	551	M	130.0	11770	-0.1	2.44
MOSF538R	29-37.7278-90.6173-4-52-000	7.3	130	0.95	0.039	.	111.0	12600	108	M	81.0	8540	0.4	0.30
MOSF539R	29-37.7335-90.5814-4-52-000	7.4	450	2.50	0.316	.	41.0	8900	568	M	90.0	13690	-0.1	0.70
MOSF540R	29-37.7509-90.6263-4-52-000	7.8	410	2.60	0.446	.	135.0	12100	41	M	183.0	15990	-0.1	1.09
MOSF541R	29-37.7651-90.5961-4-52-000	7.8	390	2.80	0.201	.	50.0	9100	74	M	125.0	11010	0.2	0.52
MOSF542R	29-37.7975-90.5992-4-52-000	7.6	230	0.95	0.027	.	93.0	8600	.	M	120.0	7650	-0.1	0.12
MOSF543R	29-37.8168-90.6288-4-52-000	7.6	330	1.40	0.645	.	154.0	11500	58	M	147.0	9770	-0.1	1.95
MOSF544R	29-37.7970-90.6328-4-52-000	7.7	460	4.20	0.420	.	103.0	6600	31	M	183.0	9000	-0.1	0.91
MOSF545R	29-37.8508-90.6263-4-52-000	7.5	700	4.50	0.373	.	200.0	15000	30	M	208.0	11350	0.4	0.53
MOSF546R	29-37.8454-90.5889-4-52-000	7.6	900	3.80	0.414	.	95.0	18200	.	M	184.0	24660	-0.1	0.52
MOSF547R	29-37.8257-90.5927-4-52-000	7.9	450	4.00	0.287	.	105.0	17800	.	M	96.0	8850	0.4	0.64
MOSF548R	29-37.8247-90.5425-4-52-000	7.8	600	3.80	0.620	.	208.0	23300	.	M	339.0	16270	-0.1	1.03
MOSF549R	29-37.7975-90.5425-4-53-000	7.9	320	3.00	0.276	.	66.0	8700	19	M	193.0	6140	-0.1	0.86
MOSF550R	29-37.7910-90.4967-4-52-000	7.8	420	3.20	0.269	.	130.0	14400	34	M	211.0	8150	-0.1	0.64
MOSF551R	29-37.7899-90.4412-4-52-000	7.7	600	4.50	0.777	.	845.0	62200	113	M	200.0	40620	-0.1	1.30
MOSF552R	29-37.7962-90.3867-4-52-000	8.0	350	3.40	0.220	.	141.0	11400	44	M	189.0	8780	-0.1	0.63
MOSF553R	29-37.7881-90.3579-4-52-000	7.2	240	0.50	0.037	.	467.0	35800	.	M	101.0	17230	-0.1	0.15
MOSF554R	29-37.9258-90.5927-4-52-000	7.3	430	3.00	0.323	.	35.0	5800	22	M	168.0	5410	-0.1	0.75
MOSF555R	29-37.9291-90.6220-4-52-000	7.5	490	4.00	0.311	.	84.0	13400	44	M	124.0	16770	-0.1	0.63
MOSF556R	29-37.9539-90.5963-4-52-000	7.5	650	5.80	0.393	.	170.0	35100	.	M	373.0	18270	-0.1	0.60
MOSF557R	29-37.9666-90.6308-4-52-000	7.6	460	4.60	0.303	.	79.0	8900	.	M	112.0	5680	0.5	0.66
MOSF558R	29-37.9484-90.5621-4-52-000	7.6	550	4.00	0.498	.	121.0	13800	296	M	373.0	11710	-0.1	0.91
MOSF559R	29-37.9829-90.5612-4-52-000	7.5	550	6.00	0.393	.	72.0	14600	.	M	330.0	10130	-0.1	0.71
MOSF560R	29-37.9726-90.5881-4-52-000	7.6	410	2.70	0.177	.	117.0	10000	416	M	229.0	7490	-0.1	0.43
MOSF561R	29-37.9704-90.5262-4-52-000	7.8	340	2.80	0.201	.	22.0	8000	138	M	209.0	15390	0.7	0.59
MOSF562R	29-37.9515-90.5018-4-52-000	7.7	490	3.60	0.665	.	23.0	10100	50	M	113.0	15600	0.9	1.36
MOSF563R	29-37.9478-90.4701-4-52-000	7.8	410	3.40	0.807	.	57.0	10500	54	M	151.0	18010	-0.1	1.97
MOSF564R	29-37.9581-90.4330-4-52-000	8.2	360	2.40	3.271	.	14.0	10100	17	M	206.0	18040	-0.1	9.09
MOSF565R	29-37.9438-90.4064-4-52-000	7.8	490	2.00	0.818	.	.	7700	57	M	154.0	15280	-0.1	1.67
MOSF566R	29-37.9266-90.4300-4-52-000	7.8	550	4.20	1.161	.	.	24600	.	M	334.0	39060	1.4	2.11
MOSF567R	29-37.9253-90.4698-4-52-000	7.6	490	3.20	1.659	.	39.0	14600	163	M	113.0	21140	-0.1	3.39
MOSF568R	29-38.0014-90.5070-4-52-000	8.1	430	4.20	0.449	.	62.0	13400	.	M	145.0	18460	0.8	1.04
MOSF569R	29-38.0118-90.4359-4-52-000	7.8	450	3.80	0.427	.	129.0	7500	58	M	230.0	14960	-0.1	0.95
MOSF570R	29-38.0215-90.4063-4-53-000	7.8	430	4.60	0.430	.	62.0	8600	43	M	116.0	15220	-0.1	1.00
MOSF571R	29-37.9709-90.3838-4-52-000	7.8	450	4.00	0.593	.	113.0	11400	45	M	137.0	17400	-0.1	1.32
MOSF572R	29-37.9901-90.4343-4-52-000	7.7	510	3.10	0.277	.	.	14800	118	M	365.0	30080	-0.1	0.54
MOSF573R	29-37.9733-90.4721-4-52-000	8.0	340	2.60	0.188	.	33.0	8800	.	M	208.0	15110	-0.1	0.55
MOSF574R	29-38.0059-90.4830-4-52-000	8.1	280	2.70	0.175	.	75.0	10700	.	M	195.0	14740	-0.1	0.63
MOSF575R	29-37.9121-90.5192-4-52-000	7.8	420	3.40	0.450	.	.	10700	.	M	103.0	14670	-0.1	1.07

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

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U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOSF576R	29-37.8624-90.5427-4-52-000	7.7	600	3.60	1.961	.	124.0	21700	.	M	225.0	35480	-0.1	3.27
MOSF577R	29-37.8199-90.3922-4-52-000	7.5	290	0.60	0.093	.	50.0	19100	135	M	122.0	20880	0.4	0.32
MOSF578R	29-37.8193-90.4253-4-52-000	7.7	410	2.60	0.431	.	40.0	8600	50	M	95.0	19310	-0.1	1.05
MOSF579R	29-37.8523-90.4365-4-52-000	7.6	680	3.40	0.903	.	273.0	34300	114	M	408.0	56980	-0.1	1.33
MOSF580R	29-37.8645-90.4672-4-52-000	7.7	490	3.00	0.215	.	89.0	18600	.	M	98.0	19410	-0.1	0.44
MOSF581R	29-37.8857-90.4634-4-52-000	7.7	600	3.00	1.732	.	161.0	16200	43	M	388.0	35960	-0.1	2.89
MOSF582R	29-37.8926-90.4935-4-52-000	7.7	430	2.80	0.770	.	46.0	7500	.	M	79.0	15940	-0.1	1.79
MOSF583R	29-37.8901-90.5344-4-52-000	7.6	700	3.10	0.598	.	121.0	26000	.	M	389.0	38860	-0.1	0.85
MOSF584R	29-37.8844-90.5890-4-52-000	8.0	310	2.30	0.777	.	63.0	8700	15	M	166.0	15550	-0.1	2.51
MOSF585R	29-37.8792-90.6294-4-52-000	7.7	450	2.20	0.241	.	38.0	7500	37	M	128.0	14900	-0.1	0.54
MOSG501R	29-37.8322-90.2290-4-52-000	7.8	40	0.36	0.040	.	68.0	8400	16	M	18.0	1860	-0.1	1.00
MOSG502R	29-37.8720-90.2455-4-52-000	7.5	600	3.20	0.321	.	242.0	26400	.	M	.	15700	-0.1	0.54
MOSG503R	29-37.8486-90.2977-4-52-000	6.3	90	0.90	0.055	.	68.0	11100	.	M	11.0	4200	-0.1	0.61
MOSG504R	29-37.8486-90.3356-4-52-000	7.1	370	1.40	0.130	.	188.0	21100	39	M	.	7160	-0.1	0.35
MOSG505R	29-37.8649-90.3015-4-52-000	6.7	50	0.18	0.040	.	63.0	7100	25	M	.	2100	-0.1	0.80
MOSG506R	29-37.8898-90.3239-4-52-000	6.4	40	0.20	0.039	.	71.0	6300	.	M	7.0	1750	-0.1	0.98
MOSG507R	29-37.8504-90.3677-4-52-000	7.1	330	2.30	0.440	.	87.0	8900	35	M	.	3510	-0.1	1.33
MOSG508R	29-37.8251-90.3741-4-52-000	7.3	120	0.90	0.035	.	103.0	8100	332	M	.	8270	-0.1	0.29
MOSG509R	29-37.8085-90.3501-4-52-000	7.0	220	0.50	0.033	.	118.0	22000	231	M	.	14990	-0.1	0.15
MOSG510R	29-37.7907-90.3296-4-52-000	6.7	50	0.38	0.066	.	85.0	9900	15	M	16.0	3390	-0.1	1.32
MOSG511R	29-37.8122-90.3047-4-52-000	6.5	110	0.30	0.041	.	226.0	20100	.	M	.	7260	-0.1	0.37
MOSG512R	29-37.7908-90.3013-4-52-000	6.7	100	0.60	0.033	.	161.0	14900	.	M	17.0	4480	-0.1	0.33
MOSG513R	29-37.7582-90.2930-4-52-000	6.6	310	0.90	0.101	.	608.0	54200	.	M	.	19940	-0.1	0.33
MOSG514R	29-37.7439-90.2609-4-52-000	7.0	2600	5.00	19.220	.	1564.0	158800	.	M	.	78300	-0.1	7.39
MOSG515R	29-37.7509-90.2284-4-52-000	7.6	520	3.30	3.626	.	289.0	22300	126	M	157.0	16950	-0.1	6.97
MOSG516R	29-37.7734-90.2168-4-52-000	7.5	1100	4.80	0.995	.	200.0	36000	.	M	.	13670	2.5	0.90
MOSG517R	29-37.7685-90.2638-4-52-000	7.7	160	1.80	0.167	.	115.0	13000	76	M	.	5020	0.3	1.04
MOSG518R	29-37.8007-90.2593-4-52-000	7.1	75	0.36	0.078	.	131.0	9800	.	M	.	3380	-0.1	1.04
MOSG519R	29-37.8373-90.2629-4-52-000	7.0	30	0.22	0.055	.	82.0	9400	.	M	11.0	2820	-0.1	1.83
MOSG520R	29-37.8804-90.1656-4-52-000	7.3	490	4.00	0.534	.	168.0	14100	31	M	.	6090	-0.1	1.09
MOSG521R	29-37.8817-90.1012-4-52-000	7.8	420	3.20	0.372	.	72.0	8400	100	M	.	1610	0.4	0.89
MOSG522R	29-37.8463-90.1213-4-52-000	7.8	600	4.00	0.624	.	169.0	17100	104	M	.	9970	-0.1	1.04
MOSG523R	29-37.8212-90.1484-4-52-000	7.9	450	3.70	0.318	.	90.0	14700	.	M	.	5600	0.7	0.71
MOSG524R	29-37.8138-90.1708-4-52-000	7.8	420	3.20	0.271	.	75.0	7800	.	M	.	2130	-0.1	0.65
MOSG525R	29-37.7983-90.2146-4-52-000	7.7	490	2.80	0.415	.	180.0	18700	51	M	.	9900	-0.1	0.85
MOSG526R	29-37.7792-90.1843-4-52-000	7.8	600	3.50	0.837	.	197.0	24800	216	M	.	10510	-0.1	1.40
MOSG527R	29-37.7551-90.1836-4-52-000	8.0	510	3.50	2.278	.	118.0	21000	130	M	.	14660	0.5	4.47
MOSG528R	29-37.7132-90.1211-4-52-000	8.0	460	3.40	0.203	.	62.0	9700	34	M	.	2870	0.4	0.44
MOSG529R	29-37.6839-90.2071-4-52-000	7.2	340	2.70	0.195	.	93.0	7900	36	M	.	1920	-0.1	0.57
MOSG530R	29-37.7894-90.1024-4-52-000	7.6	430	4.10	0.282	.	81.0	8900	54	M	.	1930	-0.1	0.66
MOSG531R	29-37.8513-90.0974-4-52-000	6.9	550	3.80	0.599	.	122.0	20100	41	M	.	7790	-0.1	1.09
MOSG532R	29-37.7455-90.0662-4-52-000	7.6	420	4.20	1.266	.	86.0	8200	.	M	.	1790	-0.1	3.01
MOSG533R	29-37.7802-90.0404-4-52-000	7.3	700	4.40	1.459	.	71.0	17300	.	M	.	6970	-0.1	2.08
MOSG534R	29-37.8153-90.0574-4-52-000	7.7	430	3.60	0.429	.	69.0	10800	35	M	.	4020	0.4	1.00
MOSG535R	29-37.8331-90.0673-4-52-000	7.4	440	3.70	0.556	.	90.0	9600	16	M	.	2620	-0.1	1.26
MOSG536R	29-37.8804-90.0425-4-52-000	7.5	750	4.30	7.394	.	137.0	30800	169	M	.	15730	-0.1	9.86
MOSG537R	29-37.8442-90.0310-4-52-000	7.6	800	3.70	1.074	.	263.0	37300	33	M	.	25180	-0.1	1.34
MOSG538R	29-37.8130-90.0237-4-52-000	7.9	470	4.60	0.317	.	100.0	12200	.	M	.	4380	-0.1	0.67
MOSG539R	29-37.8447-89.9971-4-52-000	7.5	750	4.60	0.633	.	299.0	72000	.	M	.	24220	-0.1	0.84
MOSG540R	29-37.8649-89.9616-4-52-000	7.9	420	3.80	0.254	.	66.0	7900	780	M	.	5420	-0.1	0.60
MOSG541R	29-37.8983-90.0077-4-52-000	7.6	900	3.80	6.576	.	618.0	116000	260	M	.	50360	-0.1	7.31
MOSG542R	29-37.9063-90.0517-4-52-000	7.8	600	4.80	1.392	.	168.0	25300	178	M	28.0	11340	0.5	2.32
MOSG543R	29-37.9442-90.0594-4-52-000	7.9	400	4.00	2.003	.	57.0	7200	990	M	16.0	3150	-0.1	5.01

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOSG544R	29-37.9464-90.0282-4-52-000	7.8	490	3.00	0.859	.	57.0	19900	146	M	.	13490	-0.1	1.75
MOSG545R	29-37.9379-90.0807-4-52-000	7.8	650	3.70	0.459	.	51.0	10500	123	M	.	6440	-0.1	0.71
MOSG546R	29-37.9965-90.1509-4-52-000	8.2	340	2.60	0.546	.	72.0	9400	149	M	26.0	2760	-0.1	1.61
MOSG547R	29-38.0055-90.1017-4-52-000	7.1	480	3.40	1.386	.	57.0	11700	104	M	.	8060	-0.1	2.89
MOSG548R	29-38.0343-90.1769-4-52-000	7.4	1600	3.50	0.420	.	1972.0	412200	.	M	170.0	178750	-0.1	0.26
MOSG549R	29-38.0422-90.1423-4-52-000	7.6	460	5.20	0.172	.	170.0	14100	165	M	.	6290	-0.1	0.37
MOSG550R	29-38.0079-90.1776-4-52-000	7.5	550	3.60	0.424	.	256.0	45200	.	M	.	40380	-0.1	0.77
MOSG551R	29-38.0535-90.1676-4-52-000	7.7	420	4.00	0.692	.	285.0	16200	105	M	.	14210	0.3	1.65
MOSG552R	29-37.9079-90.1796-4-52-000	7.3	480	4.60	0.439	.	128.0	14300	70	M	.	4080	-0.1	0.91
MOSG553R	29-37.9306-90.1893-4-52-000	7.6	490	3.80	0.467	.	114.0	11100	62	M	.	3790	0.3	0.95
MOSG554R	29-37.9752-90.1626-4-53-000	7.4	460	3.00	0.535	.	110.0	19000	96	M	29.0	10430	-0.1	1.16
MOSG555R	29-37.9619-90.1256-4-53-000	7.3	350	2.50	0.211	.	16.0	18100	.	M	.	4560	-0.1	0.60
MOSG556R	29-37.9855-90.0872-4-52-000	7.5	480	3.70	0.379	.	21.0	8100	3100	M	.	32890	-0.1	0.79
MOSG557R	29-37.9900-90.2195-4-52-000	7.7	450	4.20	0.434	.	78.0	10200	206	M	.	2540	-0.1	0.96
MOSG558R	29-38.0021-90.2767-4-52-000	7.5	580	4.00	0.684	.	205.0	28100	101	M	.	11000	-0.1	1.18
MOSG559R	29-37.9978-90.3147-4-52-000	7.7	380	3.20	0.245	.	121.0	9300	16	M	.	2330	-0.1	0.64
MOSG560R	29-38.0318-90.3016-4-52-000	7.6	400	3.20	0.193	.	121.0	17200	.	M	.	5210	-0.1	0.48
MOSG561R	29-38.0457-90.3619-4-52-000	7.7	370	4.00	0.221	.	.	9900	50	M	.	2660	0.3	0.60
MOSG562R	29-38.0574-90.2986-4-52-000	7.6	490	3.40	0.709	.	111.0	8700	42	M	.	3360	-0.1	1.45
MOSG563R	29-38.0557-90.2611-4-52-000	7.9	390	2.90	0.233	.	97.0	12700	22	M	.	6900	-0.1	0.60
MOSG564R	29-38.0251-90.2557-4-52-000	7.7	360	2.80	0.321	.	84.0	7700	.	M	13.0	1880	-0.1	0.89
MOSG565R	29-37.9238-90.2157-4-52-000	7.3	390	3.20	0.240	.	44.0	10000	72	M	.	2450	-0.1	0.62
MOSG566R	29- - -4-52-000	7.2	750	5.60	4.322	.	69.0	19200	26	M	43.0	9460	-0.1	5.76
MOSG567R	29-38.0104-90.2356-4-52-000	7.3	600	5.50	0.579	.	124.0	20000	.	M	.	3960	-0.1	0.97
MOSG568R	29-37.9664-90.3092-4-52-000	7.6	420	3.70	0.424	.	97.0	10200	.	M	.	2190	0.4	1.01
MOSG569R	29-37.9687-90.3341-4-52-000	7.3	700	4.40	0.985	.	238.0	19700	38	M	.	1660	-0.1	1.41
MOSG570R	29-37.9374-90.3167-4-52-000	7.5	550	4.20	0.611	.	80.0	17500	68	M	.	6520	-0.1	1.11
MOSG571R	29-37.9141-90.3033-4-52-000	7.6	510	3.00	0.661	.	404.0	22400	35	M	.	7400	-0.1	1.30
MOSG572R	29-37.9176-90.3454-4-52-000	7.4	190	1.40	0.158	.	.	9500	69	M	.	2880	-0.1	0.83
MOSG573R	29-37.9311-90.3772-4-52-000	7.4	100	0.70	0.049	.	79.0	11900	26	M	13.0	2870	-0.1	0.49
MOSG574R	29-37.9137-90.3860-4-52-000	7.5	450	3.40	1.147	.	120.0	11200	58	M	.	5980	-0.1	2.55
MOSG575R	29-37.8982-90.4134-4-52-000	7.4	1100	4.20	35.430	.	727.0	63800	.	M	.	29660	-0.1	32.21
MOSG576R	29-37.8720-90.4091-4-52-000	7.9	400	3.40	1.593	.	58.0	9000	56	M	.	3580	-0.1	3.98
MOSG577R	29-37.8520-90.4052-4-52-000	7.6	700	5.80	2.036	.	321.0	30300	38	M	.	44000	-0.1	2.91
MOSG578R	29-37.8716-90.3668-4-52-000	7.9	270	2.60	0.379	.	131.0	12800	25	M	.	3560	-0.1	1.40
MOSH501R	29-37.4074-91.6174-4-52-000	7.5	340	4.70	0.202	.	17.0	5600	19	M	183.0	7960	0.7	0.59
MOSH502R	29-37.3890-91.6240-4-52-000	7.7	390	4.70	0.305	.	.	13100	.	M	186.0	9760	-0.1	0.78
MOSH503R	29-37.3760-91.6389-4-52-000	7.5	430	5.20	0.411	.	.	8800	11	M	.	9060	-0.1	0.96
MOSH504R	29-37.3465-91.6244-4-52-000	7.8	215	4.30	0.082	.	.	6500	.	M	149.0	7950	0.2	0.38
MOSH505R	29-37.3264-91.6242-4-52-000	7.8	250	3.60	0.053	.	41.0	5800	20	M	.	8190	-0.1	0.21
MOSH506R	29-37.3075-91.6226-4-52-000	7.8	270	3.70	0.098	.	20.0	7400	.	M	.	8110	-0.1	0.36
MOSH507R	29-37.2834-91.6186-4-52-000	8.0	130	2.70	0.067	.	35.0	7400	33	M	119.0	7930	-0.1	0.52
MOSH508R	29-37.2486-91.6351-4-52-000	8.1	125	1.90	0.042	.	27.0	7400	.	M	117.0	7620	0.4	0.34
MOSH509R	29-37.2602-91.6002-4-52-000	7.8	280	2.30	0.103	.	37.0	9600	28	M	.	9600	-0.1	0.37
MOSH510R	29-37.2598-91.5609-4-52-000	7.6	350	3.50	0.137	.	.	14200	31	M	172.0	11080	-0.1	0.39
MOSH511R	29-37.2440-91.5860-4-52-000	7.9	235	3.70	0.070	.	27.0	6400	24	M	.	7810	-0.1	0.30
MOSH512R	29-37.2202-91.6321-4-52-000	7.8	240	3.40	0.067	.	.	8400	19	M	157.0	8370	-0.1	0.28
MOSH513R	29-37.2024-91.5865-4-52-000	7.9	260	3.30	0.056	.	.	7400	14	M	146.0	8220	0.4	0.22
MOSH514R	29-37.2100-91.5573-4-52-000	7.8	215	3.80	0.047	.	.	9600	.	M	153.0	7640	-0.1	0.22
MOSH515R	29-37.2409-91.4974-4-52-000	7.7	305	3.80	0.113	.	.	8200	.	M	178.0	8010	-0.1	0.37
MOSH516R	29-37.2600-91.4852-4-52-000	7.8	270	4.20	0.157	.	.	6800	28	M	154.0	8250	-0.1	0.58
MOSH517R	29-37.2595-91.4607-4-53-010	8.2	230	3.30	0.135	.	26.0	5300	29	M	153.0	7780	-0.1	0.59
MOSH518R	29-37.2466-91.4533-4-53-010	8.1	160	2.90	0.066	.	36.0	6700	21	M	127.0	7830	0.6	0.41

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

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U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOSH519R	29-37.2292-91.4496-4-52-000	7.9	230	2.50	0.077	.	106.0	15000	.	M	.	3060	0.3	0.33
MOSH520R	29-37.2067-91.4325-4-52-000	8.0	230	3.10	0.024	.	.	9000	.	M	64.0	950	-0.1	0.10
MOSH521R	29-37.2142-91.4040-4-52-000	8.1	200	2.60	0.097	.	55.0	10300	.	M	.	840	0.2	0.49
MOSH522R	29-37.2282-91.4105-4-52-000	7.9	300	3.70	0.025	.	.	13600	.	M	83.0	2120	-0.1	0.08
MOSH523R	29-37.2599-91.4051-4-52-000	7.8	285	4.20	0.078	.	35.0	9300	.	M	.	1140	-0.1	0.27
MOSH524R	29-37.2810-91.4076-4-53-000	7.9	230	3.50	0.118	.	.	7900	.	M	68.0	1700	0.2	0.51
MOSH525R	29-37.3322-91.4182-4-52-000	7.7	330	3.60	0.070	.	.	8600	21	M	108.0	2190	-0.1	0.21
MOSH526R	29-37.3600-91.4254-4-52-000	7.7	290	5.20	0.070	.	.	6700	.	M	.	730	-0.1	0.24
MOSH527R	29-37.4074-91.4558-4-52-000	7.8	255	4.30	0.175	.	.	6200	13	M	82.0	740	0.3	0.69
MOSH528R	29-37.4028-91.5141-4-52-000	7.4	380	4.60	0.277	.	.	9400	.	M	136.0	1420	0.2	0.73
MOSH529R	29-37.3750-91.5543-4-52-000	7.5	340	5.20	0.120	.	.	7200	25	M	.	1160	-0.1	0.35
MOSH530R	29-37.3956-91.5777-4-53-000	7.8	210	4.10	0.064	.	.	7500	.	M	.	730	-0.1	0.30
MOSH531R	29-37.3910-91.5405-4-53-000	7.6	295	3.30	0.186	.	.	5700	.	M	.	760	0.3	0.63
MOSH532R	29-37.3971-91.4239-4-52-000	7.7	360	3.30	0.091	.	.	11700	.	M	96.0	1950	-0.1	0.25
MOSH533R	29-37.3704-91.4085-4-53-000	7.8	235	3.40	0.112	.	38.0	7300	37	M	.	640	-0.1	0.48
MOSH534R	29-37.3940-91.3158-4-53-000	7.7	270	3.40	0.107	.	.	7800	.	M	96.0	640	-0.1	0.40
MOSH535R	29-37.3890-91.3502-4-53-000	7.6	140	2.60	0.026	.	38.0	6900	45	M	.	540	-0.1	0.19
MOSH536R	29-37.3462-91.3925-4-52-000	7.4	340	2.40	0.065	.	.	8300	.	M	134.0	960	-0.1	0.19
MOSH537R	29-37.3566-91.3660-4-53-000	7.8	325	4.40	0.154	.	.	6500	.	M	115.0	660	-0.1	0.47
MOSH538R	29-37.3736-91.2762-4-53-000	8.3	135	3.90	0.011	.	.	7900	.	M	42.0	490	0.2	0.08
MOSH539R	29-37.3592-91.2507-4-53-000	8.2	130	2.20	0.145	.	34.0	6800	28	M	.	690	0.2	1.12
MOSH540R	29-37.3703-91.2292-4-52-000	7.9	260	2.70	0.094	.	.	8700	.	M	94.0	2310	-0.1	0.36
MOSH541R	29-37.3660-91.1982-4-53-000	8.2	90	1.70	0.030	.	44.0	6800	13	M	.	950	-0.1	0.33
MOSH542R	29-37.3923-91.1841-4-53-000	8.0	135	1.50	0.045	.	.	7100	28	M	.	790	-0.1	0.33
MOSH543R	29-37.3446-91.2190-4-52-000	7.8	265	2.50	0.052	.	.	7300	.	M	79.0	730	-0.1	0.20
MOSH544R	29-37.3335-91.2798-4-52-000	7.8	270	4.40	0.195	.	.	7400	14	M	104.0	660	-0.1	0.72
MOSH545R	29-37.3372-91.2954-4-53-000	8.1	315	4.80	0.153	.	.	6700	.	M	100.0	470	-0.1	0.49
MOSH546R	29-37.3128-91.2181-4-53-000	8.0	105	2.80	0.028	.	.	7700	.	M	39.0	610	0.3	0.27
MOSH547R	29-37.2940-91.4114-4-53-000	8.1	245	2.50	0.105	.	.	7400	.	M	77.0	590	-0.1	0.43
MOSH548R	29-37.2216-91.4714-4-52-000	7.9	290	3.80	0.088	.	.	9600	.	M	101.0	1150	0.2	0.30
MOSH549R	29-37.2128-91.4915-4-52-000	8.0	195	3.70	0.037	.	.	9000	.	M	.	1030	-0.1	0.19
MOSH550R	29-37.1871-91.5272-4-52-000	8.0	175	3.20	0.065	.	.	7200	39	M	.	720	-0.1	0.37
MOSH551R	29-37.1696-91.5379-4-52-000	7.9	215	2.90	0.025	.	.	6800	.	M	61.0	860	-0.1	0.12
MOSH552R	29-37.1690-91.5738-4-52-000	7.9	215	3.00	0.030	.	23.0	7300	21	M	.	710	-0.1	0.14
MOSH553R	29-37.1663-91.6166-4-52-000	7.9	205	3.20	0.034	.	10.0	8600	.	M	.	1090	-0.1	0.17
MOSH554R	29-37.1483-91.6417-4-52-000	7.7	325	3.20	0.094	.	.	12000	11	M	.	1670	-0.1	0.29
MOSH555R	29-37.1486-91.5984-4-52-000	7.8	280	3.60	0.027	.	.	7200	.	M	.	960	-0.1	0.10
MOSH556R	29-37.1266-91.5905-4-52-000	7.8	280	3.60	0.041	.	40.0	8900	39	M	.	1600	-0.1	0.15
MOSH557R	29-37.1098-91.6357-4-52-000	7.9	240	3.20	0.061	.	.	7100	.	M	63.0	910	-0.1	0.25
MOSH558R	29-37.0786-91.6183-4-52-000	7.9	190	3.40	0.089	.	.	5800	29	M	.	440	0.2	0.47
MOSH559R	29-37.0753-91.5951-4-52-000	7.9	240	2.90	0.042	.	.	6900	.	M	55.0	770	-0.1	0.18
MOSH560R	29-37.0261-91.6335-4-52-000	7.8	240	3.60	0.139	.	.	7200	15	M	.	730	-0.1	0.58
MOSH561R	29-36.9910-91.6367-4-52-000	7.9	260	3.30	0.174	.	.	12000	.	M	65.0	1780	-0.1	0.67
MOSH562R	29-36.9218-91.6170-4-52-000	7.8	340	4.00	0.136	.	.	9100	.	M	.	1680	-0.1	0.40
MOSH563R	29-36.9219-91.5960-4-52-000	7.8	270	4.10	0.039	.	.	8400	.	M	69.0	1150	-0.1	0.14
MOSH564R	29-36.8967-91.5790-4-52-000	7.8	270	3.70	0.106	.	56.0	7800	26	M	.	800	-0.1	0.39
MOSH565R	29-36.8971-91.5392-4-52-000	7.7	295	3.60	0.362	.	.	7800	.	M	.	M	-0.1	1.23
MOSH566R	29-36.9292-91.5557-4-52-000	8.0	160	3.50	0.080	.	.	6600	19	M	54.0	730	-0.1	0.50
MOSH567R	29-36.9627-91.5677-4-52-000	7.8	265	2.70	0.143	.	.	6000	.	M	80.0	520	-0.1	0.54
MOSH568R	29-36.9894-91.5132-4-52-000	7.8	260	3.80	0.114	.	47.0	6900	17	M	.	940	-0.1	0.44
MOSH569R	29-36.9793-91.5643-4-52-000	7.9	250	4.00	0.101	.	.	10200	.	M	69.0	1570	-0.1	0.40
MOSH570R	29-36.9964-91.5822-4-52-000	7.8	260	2.90	0.154	.	33.0	9200	.	M	.	1100	-0.1	0.59
MOSH571R	29-37.0237-91.5788-4-52-000	7.8	275	2.80	0.075	.	.	7200	.	M	74.0	640	-0.1	0.27

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

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U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOSH572R	29-37.0348-91.5661-4-52-000	7.9	235	3.50	0.075	.	51.0	6600	18	M	.	1060	-0.1	0.32
MOSH573R	29-37.0135-91.5112-4-52-000	7.8	235	3.10	0.095	.	.	7200	.	M	.	230	-0.1	0.40
MOSH574R	29-37.1528-91.4408-4-53-000	7.9	165	3.60	0.076	.	31.0	7600	18	M	.	930	-0.1	0.46
MOSH575R	29-36.9816-91.4635-4-52-000	8.3	250	1.30	0.006	.	.	22200	.	M	35.0	13010	0.3	0.02
MOSH576R	29-36.9483-91.4770-4-52-000	7.9	235	2.50	0.436	.	33.0	5900	19	M	.	980	-0.1	1.86
MOSH577R	29-36.9426-91.4401-4-52-000	7.9	235	3.10	0.051	.	.	7100	.	M	75.0	440	-0.1	0.22
MOSH578R	29-36.9168-91.4248-4-52-000	7.8	270	3.20	0.096	.	67.0	8200	.	M	.	940	-0.1	0.36
MOSH579R	29-36.8994-91.4236-4-52-000	8.0	220	3.40	0.387	.	.	5700	.	M	74.0	610	-0.1	1.76
MOSH580R	29-36.9392-91.3872-4-52-000	7.8	250	3.10	0.120	.	.	6000	28	M	.	520	0.1	0.48
MOSH581R	29-36.9351-91.3287-4-52-000	7.7	220	4.20	0.077	.	.	7700	.	M	.	990	-0.1	0.35
MOSH582R	29-36.9549-91.3079-4-52-000	7.7	260	3.50	0.073	.	35.0	7900	.	M	.	1290	-0.1	0.28
MOSH583R	29-36.9586-91.3325-4-52-000	7.8	245	3.80	0.077	.	.	6000	7	M	72.0	770	-0.1	0.31
MOSH584R	29-36.9870-91.2932-4-52-000	7.8	255	3.90	0.118	.	48.0	5600	47	M	.	550	-0.1	0.46
MOSH585R	29-36.9388-91.2495-4-52-000	8.1	160	2.50	0.109	.	.	8900	22	M	.	3560	-0.1	0.68
MOSH586R	29-36.9828-91.2515-4-52-000	8.0	215	2.70	0.074	.	44.0	6100	13	M	.	740	-0.1	0.34
MOSH587R	29-37.0105-91.2681-4-52-000	7.9	265	3.00	0.081	.	.	8900	.	M	64.0	1320	0.2	0.31
MOSH588R	29-37.0227-91.2771-4-52-000	7.8	55	1.10	0.040	.	.	6500	13	M	.	790	-0.1	0.73
MOSH589R	29-37.0794-91.2414-4-53-000	7.5	100	0.85	0.032	.	.	8000	.	M	.	460	-0.1	0.32
MOSH590R	29-37.1092-91.2480-4-52-000	7.5	305	2.40	0.120	.	43.0	8500	.	M	.	2130	-0.1	0.39
MOSH591R	29-37.1362-91.2398-4-53-000	7.5	335	4.70	0.227	.	.	7000	.	M	105.0	1520	-0.1	0.68
MOSH592R	29-37.1800-91.1745-4-52-000	7.7	255	4.60	0.102	.	24.0	6700	.	M	.	1860	0.5	0.40
MOSH593R	29-37.1709-91.1193-4-52-000	7.7	220	3.30	0.013	.	.	6800	6	M	.	2110	-0.1	0.06
MOSH594R	29-37.1693-91.1625-4-53-000	7.7	220	2.50	0.111	.	5423.0	10200	36	M	.	3960	0.3	0.50
MOSH595R	29-37.1540-91.5306-4-52-000	8.3	240	2.60	0.045	.	.	8100	.	M	55.0	1520	-0.1	0.19
MOSH596R	29-37.1486-91.5017-4-52-000	8.2	185	2.90	0.036	.	.	7000	46	M	54.0	1860	-0.1	0.19
MOSH597R	29-37.1269-91.4236-4-52-000	8.0	255	3.20	0.100	.	.	6200	.	M	61.0	1080	-0.1	0.39
MOSH598R	29-37.0995-91.4116-4-52-000	7.7	295	4.50	0.168	.	36.0	6300	22	M	.	1520	-0.1	0.57
MOSH599R	29-37.0898-91.4239-4-52-000	7.5	345	5.40	0.129	.	.	7400	.	M	.	1420	-0.1	0.37
MOSH600R	29-37.0582-91.4451-4-53-000	8.1	200	4.10	0.078	.	.	6800	38	M	56.0	1590	0.2	0.39
MOSH601R	29-37.0182-91.4472-4-52-000	7.9	255	3.20	0.085	.	35.0	7600	.	M	.	1130	-0.1	0.33
MOSH602R	29-37.0041-91.4666-4-52-000	7.8	270	3.60	0.079	.	.	6300	26	M	.	1670	-0.1	0.29
MOSH603R	29-36.9853-91.4368-4-52-000	7.8	195	3.30	0.043	.	.	6300	.	M	51.0	1590	-0.1	0.22
MOSH604R	29-36.9864-91.3877-4-52-000	7.8	205	3.10	0.057	.	.	6100	20	M	.	1650	0.3	0.28
MOSH605R	29-37.0045-91.3854-4-52-000	7.9	215	2.70	0.024	.	.	7600	.	M	.	M	-0.1	0.11
MOSH606R	29-37.0314-91.3142-4-52-000	7.9	220	2.80	0.130	.	.	7400	.	M	.	2140	-0.1	0.59
MOSH607R	29-37.0780-91.3137-4-52-000	8.1	60	2.50	0.014	.	36.0	8500	29	M	60.0	1330	-0.1	0.23
MOSH608R	29-37.1040-91.3239-4-52-000	7.5	390	5.10	0.179	.	20.0	6200	.	M	.	1770	-0.1	0.46
MOSH609R	29-37.1248-91.3580-4-52-000	7.5	480	7.20	0.210	.	.	7500	11	M	.	1410	-0.1	0.44
MOSH610R	29-37.1489-91.3429-4-52-000	7.5	360	6.80	0.170	.	28.0	6600	18	M	.	1620	-0.1	0.47
MOSH611R	29-37.1276-91.2721-4-52-000	7.5	400	6.60	0.132	.	.	7000	.	M	122.0	2180	-0.1	0.33
MOSH612R	29-37.1697-91.2710-4-52-000	7.4	650	6.70	0.105	.	.	64700	.	M	.	11460	-0.1	0.16
MOSH613R	29-37.1552-91.2902-4-52-000	7.6	550	6.20	0.222	.	121.0	17000	.	M	.	4230	-0.1	0.40
MOSH614R	29-37.1553-91.3106-4-52-000	7.5	390	6.40	0.069	.	45.0	7400	.	M	.	1550	-0.1	0.18
MOSH615R	29-37.1756-91.3562-4-52-000	7.6	365	5.80	0.197	.	.	7400	15	M	.	2140	-0.1	0.54
MOSH616R	29-37.1680-91.3795-4-52-000	7.6	330	6.00	0.211	.	.	5500	.	M	99.0	2990	-0.1	0.64
MOSH617R	29-37.1398-91.4119-4-52-000	7.9	200	4.70	0.055	.	.	5900	9	M	.	1860	0.1	0.28
MOST501R	29-36.8691-89.6482-4-52-000	6.0	360	1.40	0.088	.	.	17900	83	M	378.0	6140	-0.1	0.24
MOST502R	29-36.8732-89.6756-4-52-000	5.6	260	0.38	-0.002	.	32.0	13300	.	M	98.0	7790	-0.1	M
MOST503R	29-36.9052-89.6813-4-52-000	5.9	280	0.30	0.020	.	37.0	11100	34	M	.	7060	0.2	0.07
MOST504R	29-36.9068-89.6501-4-52-000	6.1	750	1.00	-0.002	.	77.0	M	.	M	.	53220	-0.1	M
MOST505R	29-36.9347-89.6810-4-52-000	6.5	190	0.10	0.005	.	10.0	19400	.	M	.	2930	-0.1	0.03
MOST506R	29-36.9339-89.6275-4-52-000	6.4	380	0.95	0.007	.	.	7800	.	M	37.0	6110	-0.1	0.02
MOST507R	29-36.9137-89.6091-4-52-000	6.3	180	0.50	0.009	.	53.0	14700	35	M	11.0	19940	-0.1	0.05

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

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U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOST508R	29-36.9334-89.5854-4-52-000	6.2	220	0.65	-0.002	.	.	9200	.	M	.	5540	-0.1	M
MOST509R	29-36.9135-89.5713-4-52-000	6.7	180	1.10	0.009	.	.	7900	78	M	398.0	2430	0.2	0.05
MOST510R	29-36.9368-89.5483-4-52-000	6.3	270	0.60	-0.002	.	.	20300	.	M	.	8840	-0.1	M
MOST511R	29-36.9562-89.5121-4-52-000	6.4	110	0.14	0.020	.	46.0	9700	.	M	166.0	2600	-0.1	0.18
MOST512R	29-36.9339-89.5130-4-52-000	6.4	210	0.50	0.004	.	50.0	17700	.	M	48.0	14390	0.3	0.02
MOST513R	29-36.9142-89.5213-4-52-000	6.7	130	0.10	-0.002	.	16.0	6000	29	M	.	12000	0.9	M
MOST514R	29-36.9348-89.4805-4-52-000	6.1	180	0.14	-0.002	.	.	10700	.	M	21.0	1900	-0.1	M
MOST515R	29-36.9642-89.4892-4-52-000	6.6	70	0.26	-0.002	.	45.0	6400	97	M	.	2090	-0.1	M
MOST516R	29-36.9679-89.4309-4-52-000	6.5	130	0.40	-0.002	.	.	6700	64	M	16.0	6850	0.2	M
MOST517R	29-36.9958-89.4404-4-52-000	6.3	300	0.95	-0.002	.	19.0	19200	.	M	.	11360	0.3	M
MOST518R	29-36.9721-89.3899-4-52-000	6.6	190	0.70	0.018	.	46.0	9700	37	M	1108.0	2740	-0.1	0.09
MOST519R	29-36.9948-89.3987-4-52-000	6.9	490	3.00	1.358	.	17.0	9200	44	M	76.0	10920	1.7	2.77
MOST520R	29-37.0211-89.3678-4-52-000	7.1	520	4.30	0.018	.	67.0	11400	204	M	.	4610	-0.1	0.03
MOST521R	29-37.0267-89.3997-4-52-000	7.0	800	5.90	2.118	.	44.0	17700	227	M	.	9690	-0.1	2.65
MOST522R	29-37.0249-89.4504-4-52-000	7.0	210	1.10	0.033	.	38.0	9500	392	M	77.0	10180	0.3	0.16
MOST523R	29-37.0092-89.4711-4-52-000	7.1	290	0.30	-0.002	.	.	17900	.	M	18.0	8980	-0.1	M
MOST524R	29-37.0257-89.4769-4-52-000	7.1	120	0.18	-0.002	.	43.0	7000	.	M	.	2290	-0.1	M
MOST525R	29-37.0244-89.5128-4-52-000	7.0	230	1.15	0.105	.	26.0	8800	44	M	154.0	4170	-0.1	0.46
MOST526R	29-36.9975-89.5185-4-52-000	7.6	220	1.60	0.318	.	21.0	11300	.	M	129.0	2420	0.4	1.45
MOST527R	29-36.9632-89.5413-4-52-000	6.0	170	0.38	0.018	.	.	11600	59	M	.	3490	0.4	0.11
MOST528R	29-36.9578-89.5961-4-52-000	6.4	220	0.70	0.079	.	.	10600	.	M	.	4940	-0.1	0.36
MOST529R	29-36.9751-89.6462-4-52-000	7.0	170	1.00	0.025	.	38.0	5900	83	M	116.0	3010	-0.1	0.15
MOST530R	29-36.9711-89.6861-4-52-000	6.5	470	1.20	0.142	.	14.0	18300	.	M	.	M	-0.1	0.30
MOST531R	29-36.9797-89.7166-4-52-000	6.8	180	0.38	0.001	.	.	9400	52	M	61.0	4220	-0.1	0.01
MOST532R	29-37.0037-89.7088-4-52-000	6.7	160	0.35	-0.002	.	23.0	8700	16	M	57.0	4840	0.7	M
MOST533R	29-36.9919-89.6692-4-52-000	6.9	430	2.30	0.188	.	24.0	21500	.	M	286.0	3650	-0.1	0.44
MOST534R	29-36.9939-89.6339-4-52-000	7.1	200	0.80	0.060	.	.	12300	.	M	.	M	-0.1	0.30
MOST535R	29-36.9995-89.5961-4-52-000	7.0	160	0.36	-0.002	.	.	6900	15	M	34.0	2900	-0.1	M
MOST536R	29-37.0042-89.5670-4-52-000	7.1	120	0.16	-0.002	.	45.0	7200	27	M	.	2580	-0.1	M
MOST537R	29-37.0292-89.5508-4-52-000	6.8	190	0.32	-0.002	.	.	7700	41	M	23.0	4410	0.3	M
MOST538R	29-37.0222-89.5936-4-52-000	6.6	250	0.38	-0.002	.	.	10700	32	M	26.0	7230	0.3	M
MOST539R	29-37.0222-89.6257-4-52-000	7.0	170	0.45	-0.002	.	35.0	11400	56	M	148.0	7780	-0.1	M
MOST540R	29-37.0267-89.6669-4-52-000	6.9	350	2.20	0.121	.	88.0	10800	125	M	230.0	4610	-0.1	0.35
MOST541R	29-37.0365-89.7168-4-52-000	6.6	130	0.34	-0.002	.	.	11600	.	M	.	6780	-0.1	M
MOST542R	29-37.0679-89.7102-4-52-000	6.3	230	0.34	-0.002	.	344.0	14000	.	M	41.0	5560	0.2	M
MOST543R	29-37.0507-89.7382-4-52-000	7.0	490	3.80	0.006	.	.	13100	.	M	.	26170	-0.1	0.01
MOST544R	29-37.0522-89.6687-4-52-000	6.5	290	1.90	0.047	.	1208.0	7800	133	M	611.0	2470	0.3	0.16
MOST545R	29-37.0501-89.6373-4-52-000	6.7	230	0.38	0.039	.	.	9100	.	M	.	M	-0.1	0.17
MOST546R	29-37.0507-89.5909-4-52-000	6.7	470	1.30	0.183	.	66.0	12000	30	M	108.0	5440	2.4	0.39
MOST547R	29-37.0605-89.5513-4-52-000	7.0	190	0.38	-0.002	.	.	13000	.	M	.	2740	-0.1	M
MOST548R	29-37.0900-89.5560-4-52-000	6.3	340	0.90	-0.002	.	.	29600	.	M	.	21870	-0.1	M
MOST549R	29-37.0925-89.5972-4-52-000	7.0	510	4.70	0.022	.	64.0	14100	55	M	.	5290	-0.1	0.04
MOST550R	29-37.0897-89.6317-4-52-000	7.1	420	3.80	0.664	.	.	6900	.	M	.	6290	-0.1	1.58
MOST551R	29-37.0829-89.6770-4-52-000	7.4	320	2.50	0.362	.	.	9400	69	M	127.0	5260	-0.1	1.13
MOST552R	29-37.0947-89.7190-4-52-000	7.2	240	1.20	0.010	.	27.0	16500	.	M	115.0	12180	-0.1	0.04
MOST553R	29-37.0992-89.7618-4-52-000	7.3	330	2.50	0.093	.	67.0	8200	118	M	.	4060	0.5	0.28
MOST554R	29-37.1322-89.7473-4-52-000	7.3	400	3.20	-0.002	.	53.0	14100	.	M	288.0	9770	0.2	M
MOST555R	29-37.1198-89.7074-4-52-000	7.3	290	2.00	0.034	.	60.0	11300	152	M	255.0	6370	-0.1	0.12
MOST556R	29-37.1305-89.6840-4-52-000	7.1	190	0.50	-0.002	.	52.0	13400	.	M	.	5860	-0.1	M
MOST557R	29-37.1268-89.6255-4-52-000	7.2	650	4.40	0.922	.	14252	29500	75	M	.	18160	-0.1	1.42
MOST558R	29-37.1241-89.5973-4-52-000	7.5	440	4.00	0.391	.	.	8100	36	M	97.0	6240	-0.1	0.89
MOST559R	29-37.1162-89.5620-4-52-000	7.2	270	1.10	0.018	.	.	14100	33	M	81.0	11880	-0.1	0.07
MOST560R	29-37.1607-89.5693-4-52-000	7.3	440	3.30	0.253	.	.	19000	.	M	.	16400	-0.1	0.58

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

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U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOST561R	29-37.1541-89.5970-4-52-000	7.6	480	3.80	0.341	.	105.0	15800	82	M	.	8950	-0.1	0.71
MOST562R	29-37.1531-89.6296-4-52-000	7.4	800	5.20	0.614	.	.	55300	.	M	220.0	18880	-0.1	0.77
MOST563R	29-37.1562-89.6801-4-52-000	7.6	350	2.90	0.096	.	.	53500	.	M	.	16230	-0.1	0.27
MOST564R	29-37.2095-89.5617-4-52-000	6.7	380	3.00	0.217	.	.	9800	.	M	95.0	8490	-0.1	0.57
MOST565R	29-37.2028-89.5982-4-52-000	7.3	360	5.40	0.620	.	106.0	15600	120	M	.	11160	-0.1	1.72
MOST566R	29-37.2064-89.6301-4-52-000	7.6	600	3.80	0.034	.	.	M	.	M	.	108580	-0.1	0.06
MOST567R	29-37.1827-89.6740-4-52-000	7.7	470	3.60	0.114	.	4248.0	10900	147	M	219.0	12730	-0.1	0.24
MOST568R	29-37.1801-89.6282-4-52-000	7.7	370	2.20	0.308	.	.	9900	47	M	114.0	3100	0.3	0.83
MOST569R	29-37.1865-89.5993-4-52-000	7.5	450	3.40	0.564	.	.	12900	87	M	118.0	8960	0.3	1.25
MOST570R	29-37.1889-89.5545-4-52-000	7.8	360	3.60	0.357	.	.	6600	60	M	86.0	3100	-0.1	0.99
MOST571R	29-37.1799-89.5219-4-52-000	7.6	370	3.00	0.161	.	63.0	11000	47	M	.	7330	-0.1	0.44
MOST572R	29-37.1591-89.5148-4-52-000	7.7	400	3.40	0.239	.	.	7200	46	M	76.0	6150	0.2	0.60
MOST573R	29-37.1275-89.5128-4-52-000	6.5	150	0.60	0.036	.	77.0	12300	.	M	120.0	3010	-0.1	0.24
MOST574R	29-37.0934-89.5156-4-52-000	7.1	80	0.26	0.007	.	.	7000	19	M	20.0	2200	-0.1	0.09
MOST575R	29-37.0591-89.5046-4-52-000	6.8	180	0.10	-0.002	.	48.0	15200	.	M	28.0	5090	-0.1	M
MOST576R	29-37.0672-89.4787-4-52-000	7.4	30	0.08	-0.002	.	42.0	6000	17	M	8.0	1450	-0.1	M
MOST577R	29-37.0782-89.4468-4-52-000	7.0	370	2.50	0.105	.	.	25300	.	M	384.0	7010	-0.1	0.28
MOST578R	29-37.0677-89.4142-4-52-000	6.8	220	0.95	0.035	.	.	8100	97	M	53.0	7110	0.3	0.16
MOST579R	29-37.1058-89.4757-4-52-000	7.2	300	1.60	-0.002	.	77.0	12600	.	M	245.0	8550	-0.1	M
MOST580R	29-37.1308-89.4609-4-52-000	7.3	350	2.70	0.225	.	79.0	10700	118	M	748.0	11970	-0.1	0.64
MOST581R	29-37.1588-89.4418-4-52-000	6.7	310	1.20	0.008	.	46.0	21000	.	M	.	22780	-0.1	0.03
MOST582R	29-37.1592-89.4734-4-52-000	7.4	400	3.20	0.268	.	.	9900	115	M	.	6950	-0.1	0.67
MOST583R	29-37.1841-89.4869-4-52-000	7.4	490	3.20	0.244	.	.	17300	.	M	47.0	8710	-0.1	0.50
MOST584R	29-37.2158-89.4889-4-52-000	7.5	420	4.00	0.224	.	77.0	10000	85	M	.	7470	-0.1	0.53
MOST585R	29-37.2381-89.4680-4-52-000	7.4	600	5.20	10.422	.	69.0	16500	36	M	409.0	2910	-0.1	17.37
MOTE501R	29-37.4684-91.7703-4-52-000	7.9	190	0.75	0.075	.	.	6300	56	M	43.0	3860	-0.1	0.39
MOTE502R	29-37.4554-91.7562-4-52-000	7.9	255	2.40	0.085	.	108.0	13300	.	M	.	3750	-0.1	0.33
MOTE503R	29-37.4476-91.7913-4-52-000	7.8	310	3.10	0.082	.	104.0	M	.	M	.	M	-0.1	0.26
MOTE504R	29-37.4266-91.8023-4-52-000	7.8	280	3.60	0.085	.	94.0	7900	.	M	38.0	3820	-0.1	0.30
MOTE505R	29-37.4139-91.8246-4-52-000	7.8	300	3.00	0.082	.	.	M	.	M	.	M	-0.1	0.27
MOTE506R	29- - - -4-52-000	8.0	200	2.20	0.085	.	57.0	9600	52	M	30.0	4390	-0.1	0.43
MOTE507R	29- - - -4-52-000	8.0	205	2.10	0.133	.	33.0	8000	.	M	54.0	3810	0.3	0.65
MOTE508R	29-37.3551-91.8344-4-52-000	7.8	210	2.50	0.111	.	.	9500	.	M	32.0	4420	-0.1	0.53
MOTE509R	29-37.3595-91.8173-4-52-000	8.0	195	2.90	0.104	.	46.0	6400	19	M	18.0	3740	-0.1	0.53
MOTE510R	29-37.3256-91.8360-4-52-000	7.8	230	2.50	0.096	.	95.0	9900	.	M	34.0	4960	0.3	0.42
MOTE511R	29-37.3245-91.8121-4-52-000	7.6	315	3.50	0.134	.	148.0	13800	.	M	46.0	4720	-0.1	0.43
MOTE512R	29-37.3368-91.7528-4-52-000	8.1	140	3.40	0.130	.	71.0	7600	15	M	40.0	3890	-0.1	0.93
MOTE513R	29-37.3708-91.7265-4-52-000	8.0	180	2.50	0.191	.	40.0	7000	43	M	33.0	4140	-0.1	1.06
MOTE514R	29-37.4007-91.6966-4-52-000	7.7	255	2.80	0.230	.	64.0	M	.	M	.	M	-0.1	0.90
MOTE515R	29-37.4136-91.6855-4-52-000	7.5	310	4.60	0.206	.	73.0	7800	.	M	54.0	4720	-0.1	0.66
MOTE516R	29-37.4029-91.7188-4-52-000	7.6	320	4.50	0.113	.	33.0	6500	.	M	33.0	4200	0.3	0.35
MOTE517R	29-37.4089-91.7446-4-52-000	7.5	340	5.10	0.122	.	102.0	7900	.	M	24.0	5170	-0.1	0.36
MOTE518R	29-37.4586-91.8349-4-52-000	8.2	280	2.80	0.111	.	49.0	8600	44	M	50.0	5140	-0.1	0.40
MOTE519R	29-37.4837-91.8339-4-52-000	8.1	210	2.60	0.057	.	59.0	M	.	M	.	M	-0.1	0.27
MOTE520R	29-37.5016-91.7997-4-52-000	8.0	215	2.80	0.141	.	103.0	8200	30	M	39.0	4860	-0.1	0.66
MOTE521R	29-37.5173-91.7751-4-52-000	7.9	275	2.80	0.130	.	52.0	6800	22	M	43.0	4260	-0.1	0.47
MOTE522R	29-37.5340-91.7881-4-52-000	8.0	230	2.60	0.072	.	101.0	7300	.	M	53.0	4150	-0.1	0.31
MOTE523R	29-37.5712-91.7764-4-52-000	7.8	310	3.10	0.191	.	39.0	6400	.	M	42.0	4590	0.3	0.62
MOTE524R	29-37.5848-91.7888-4-52-000	8.2	210	3.10	0.100	.	24.0	8900	48	M	90.0	5270	-0.1	0.48
MOTE525R	29-37.5751-91.8397-4-52-000	8.0	220	2.40	0.097	.	.	M	.	M	.	M	-0.1	0.44
MOTE526R	29-37.5596-91.8472-4-52-000	7.9	245	3.70	0.086	.	38.0	M	.	M	.	M	-0.1	0.35
MOTE527R	29-37.5127-91.8720-4-52-000	8.0	215	3.10	0.068	.	.	M	.	M	.	M	-0.1	0.32
MOTE528R	29-37.5505-91.8798-4-52-000	8.0	180	2.30	0.132	.	52.0	7500	54	M	102.0	4580	-0.1	0.73

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 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOTE529R	29-37.5887-91.8773-4-52-000	8.0	250	2.60	0.048	.	.	M	.	M	.	M	-0.1	0.19
MOTE530R	29-37.5917-91.9065-4-52-000	8.1	235	2.60	0.078	.	30.0	7100	.	M	111.0	5770	-0.1	0.33
MOTE531R	29-37.5940-91.9451-4-52-000	7.8	350	3.30	0.068	.	219.0	18700	.	M	68.0	9250	-0.1	0.19
MOTE532R	29-37.5525-91.9200-4-52-000	7.6	450	3.10	0.081	.	.	M	.	M	.	M	-0.1	0.18
MOTE533R	29-37.5456-91.9701-4-52-000	7.7	160	4.00	0.104	.	104.0	8200	.	M	56.0	5170	0.8	0.65
MOTE534R	29-37.5565-91.9891-4-52-000	7.9	215	2.10	0.075	.	36.0	6800	.	M	100.0	4710	-0.1	0.35
MOTE535R	29-37.5829-91.9957-4-52-000	7.7	330	3.20	0.123	.	32.0	6500	.	M	47.0	5540	-0.1	0.37
MOTE536R	29-37.5619-92.0215-4-53-000	8.0	170	2.50	0.117	.	.	M	.	M	.	M	-0.1	0.69
MOTE537R	29-37.5804-92.0344-4-52-000	7.8	255	3.20	0.103	.	.	M	.	M	.	M	-0.1	0.40
MOTE538R	29-37.5912-92.0844-4-52-000	7.8	265	3.90	0.092	.	.	M	.	M	.	M	-0.1	0.35
MOTE539R	29-37.5638-92.0812-4-52-000	7.6	345	4.30	0.135	.	43.0	M	359	M	.	M	0.3	0.39
MOTE540R	29-37.5450-92.1168-4-52-000	7.9	290	4.60	0.121	.	.	M	.	M	.	M	-0.1	0.42
MOTE541R	29-37.5050-91.9446-4-52-000	8.1	250	2.40	0.107	.	37.0	6500	10	M	54.0	4750	-0.1	0.43
MOTE542R	29-37.5084-91.9847-4-52-000	8.1	190	2.20	0.052	.	.	M	.	M	.	M	-0.1	0.27
MOTE543R	29-37.4973-91.9966-4-52-000	7.7	430	3.00	0.161	.	.	M	.	M	.	M	-0.1	0.37
MOTE544R	29-37.4873-92.0499-4-52-000	8.0	240	4.00	0.081	.	56.0	M	.	M	.	4790	-0.1	0.34
MOTE545R	29-37.5081-92.0463-4-52-000	8.0	200	2.30	0.055	.	.	M	.	M	.	M	-0.1	0.28
MOTE546R	29-37.4967-92.0942-4-52-000	7.7	380	3.00	0.080	.	106.0	7500	.	M	117.0	4540	-0.1	0.21
MOTE547R	29-37.5103-92.1273-4-52-000	7.7	410	3.70	0.149	.	.	M	.	M	.	M	-0.1	0.36
MOTE548R	29-37.5528-92.1485-4-52-000	7.7	365	4.30	0.091	.	30.0	M	.	M	.	M	-0.1	0.25
MOTE549R	29-37.5737-92.1150-4-52-000	8.0	220	4.00	0.055	.	76.0	7200	.	M	99.0	4910	-0.1	0.25
MOTE550R	29-37.5943-92.1626-4-52-000	7.8	440	4.00	0.176	.	.	M	.	M	.	M	-0.1	0.40
MOTE551R	29-37.5787-92.1768-4-52-000	7.9	270	4.10	0.082	.	.	M	.	M	.	M	-0.1	0.30
MOTE552R	29-37.5821-92.2374-4-52-000	7.8	280	3.70	0.125	.	.	M	.	M	.	M	-0.1	0.45
MOTE553R	29-37.5541-92.2267-4-52-000	7.4	600	6.90	0.205	.	108.0	M	.	M	.	M	0.4	0.34
MOTE554R	29-37.5285-92.1962-4-52-000	7.8	360	6.60	0.141	.	33.0	M	.	M	.	M	0.3	0.39
MOTE555R	29-37.5083-92.1925-4-52-000	7.6	410	4.80	0.137	.	.	M	.	M	.	M	-0.1	0.33
MOTE556R	29-37.5014-92.1601-4-52-000	7.3	475	2.60	0.262	.	.	M	.	M	.	M	-0.1	0.55
MOTE557R	29-37.4714-92.1533-4-52-000	7.7	410	4.80	0.344	.	199.0	M	.	M	.	M	-0.1	0.84
MOTE558R	29-37.4895-92.1816-4-52-000	7.6	400	4.00	0.276	.	.	M	.	M	.	M	-0.1	0.69
MOTE559R	29-37.5106-92.2356-4-52-000	7.7	360	4.80	0.085	.	21.0	M	.	M	.	M	-0.1	0.24
MOTE560R	29-37.4595-91.9875-4-53-000	7.5	165	4.20	0.077	.	48.0	5500	.	M	115.0	5110	-0.1	0.47
MOTE561R	29-37.5066-91.9040-4-52-000	6.7	60	1.70	0.061	.	71.0	M	.	M	98.0	M	-0.1	1.02
MOTE562R	29-37.4981-91.9263-4-52-000	7.1	390	3.70	0.197	.	.	M	.	M	.	M	-0.1	0.51
MOTE563R	29-37.4900-91.9535-4-52-000	7.6	225	4.20	0.115	.	59.0	3500	.	M	116.0	5130	-0.1	0.51
MOTE564R	29-37.4318-92.0796-4-52-000	7.6	330	3.60	0.235	.	.	M	.	M	.	M	-0.1	0.71
MOTE565R	29-37.4361-92.1241-4-52-000	7.5	425	4.10	0.201	.	.	M	.	M	.	M	-0.1	0.47
MOTE566R	29-37.4336-92.1517-4-52-000	7.5	310	4.20	0.219	.	52.0	M	.	M	151.0	M	-0.1	0.71
MOTE567R	29-37.4521-92.1864-4-52-000	7.3	210	3.70	0.110	.	.	M	.	M	.	M	-0.1	0.52
MOTE568R	29-37.4958-92.2231-4-52-000	7.6	320	3.60	0.197	.	34.0	6000	.	M	77.0	5510	-0.1	0.62
MOTE569R	29-37.4661-92.2359-4-52-000	7.5	325	5.00	0.131	.	.	M	.	M	.	M	-0.1	0.40
MOTE570R	29-37.4235-92.2073-4-52-000	7.5	335	5.40	0.439	.	.	M	.	M	.	M	-0.1	1.31
MOTE571R	29-37.4074-92.2430-4-52-000	7.2	1050	5.60	1.099	.	.	M	.	M	.	M	-0.1	1.05
MOTE572R	29-37.3888-92.2245-4-52-000	7.6	295	5.20	0.149	.	.	M	780	M	.	M	-0.1	0.51
MOTE573R	29-37.3867-92.2035-4-52-000	7.4	400	4.10	0.353	.	.	M	662	M	.	M	-0.1	0.88
MOTE574R	29-37.3948-92.1686-4-52-000	7.4	365	5.50	0.911	.	23.0	5800	16	M	113.0	5300	-0.1	2.50
MOTE575R	29-37.3578-92.2208-4-52-000	7.4	395	4.80	0.324	.	.	M	.	M	.	M	-0.1	0.82
MOTE576R	29-37.3435-92.2014-4-52-000	7.5	460	5.70	0.637	.	.	M	.	M	.	M	-0.1	1.38
MOTE577R	29-37.3181-92.1989-4-52-000	7.3	350	5.80	0.217	.	51.0	10900	.	M	131.0	11930	0.3	0.62
MOTE578R	29-37.3167-92.2347-4-52-000	7.5	310	3.00	0.264	.	.	M	.	M	.	M	-0.1	0.85
MOTE579R	29-37.2856-92.2391-4-52-000	7.5	410	4.20	0.207	.	.	M	.	M	.	M	-0.1	0.50
MOTE580R	29-37.2827-92.2039-4-52-000	7.4	700	2.30	0.393	.	185.0	22400	.	M	38.0	16780	-0.1	0.56
MOTE581R	29-37.2593-92.2046-4-52-000	7.5	365	5.70	0.224	.	.	M	.	M	.	M	-0.1	0.61

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

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U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOTE582R	29-37.2626-92.2370-4-52-000	7.4	375	5.20	0.293	.	.	M	.	M	.	M	-0.1	0.78
MOTE583R	29-37.2431-92.2397-4-52-000	7.3	485	5.60	0.608	.	.	M	.	M	.	M	-0.1	1.25
MOTE584R	29-37.2356-92.2097-4-52-000	7.6	350	5.90	0.209	.	.	M	.	M	.	M	-0.1	0.60
MOTE585R	29-37.2097-92.2224-4-52-000	7.7	235	3.90	0.097	.	.	M	.	M	.	M	-0.1	0.41
MOTE586R	29-37.1801-92.2208-4-52-000	7.6	295	4.70	0.366	.	.	M	.	M	.	M	-0.1	1.24
MOTE587R	29-37.4512-91.9126-4-52-000	8.0	225	3.00	0.126	.	24.0	M	.	M	114.0	M	0.5	0.56
MOTE588R	29-37.4588-91.9539-4-52-000	7.9	305	3.60	0.088	.	9.0	4500	.	M	125.0	4840	-0.1	0.29
MOTE589R	29-37.4380-91.9230-4-52-000	7.4	425	3.60	0.125	.	.	M	.	M	.	M	-0.1	0.29
MOTE590R	29-37.4303-91.8950-4-52-000	7.9	190	3.10	0.076	.	70.0	M	584	M	.	M	0.2	0.40
MOTE591R	29-37.3931-91.9035-4-52-000	7.9	230	2.70	0.059	.	64.0	3600	9	M	113.0	4920	-0.1	0.26
MOTE592R	29-37.3525-91.9885-4-52-000	7.8	275	3.20	0.155	.	.	M	.	M	.	M	-0.1	0.56
MOTE593R	29-37.3957-92.0111-4-52-000	8.0	215	3.40	0.070	.	41.0	5200	.	M	107.0	5310	-0.1	0.33
MOTE594R	29-37.4110-92.0216-4-52-000	7.8	265	3.60	0.109	.	32.0	5600	.	M	126.0	5460	-0.1	0.41
MOTE595R	29-37.4104-91.9944-4-52-000	7.7	300	4.90	0.102	.	50.0	5600	.	M	139.0	4720	0.3	0.34
MOTE596R	29-37.4016-91.9757-4-52-000	8.0	170	4.00	0.095	.	.	M	.	M	.	M	-0.1	0.56
MOTE597R	29-37.3867-92.0329-4-52-000	7.8	255	2.90	0.120	.	82.0	6100	.	M	42.0	5430	-0.1	0.47
MOTE598R	29-37.3688-92.0558-4-53-000	7.5	200	3.40	0.094	.	62.0	8500	20	M	137.0	6140	-0.1	0.47
MOTE599R	29-37.3897-92.0717-4-52-000	7.7	320	4.80	0.202	.	52.0	M	598	M	.	M	0.5	0.63
MOTE600R	29-37.3928-92.0993-4-52-000	7.6	315	5.10	0.159	.	.	M	.	M	.	M	-0.1	0.50
MOTE601R	29-37.3705-92.0875-4-52-000	7.7	250	4.20	0.151	.	109.0	6000	.	M	65.0	5000	0.4	0.60
MOTE602R	29-37.3400-92.1216-4-52-000	7.6	310	4.70	0.489	.	124.0	7400	.	M	74.0	6620	0.5	1.58
MOTE603R	29-37.3608-92.1470-4-52-000	7.6	345	5.60	0.415	.	.	M	.	M	.	M	-0.1	1.20
MOTE604R	29-37.3343-92.0774-4-52-000	7.6	410	4.80	0.290	.	.	M	.	M	.	M	-0.1	0.71
MOTE605R	29-37.3217-92.1054-4-52-000	7.6	365	5.50	0.438	.	.	M	.	M	.	M	-0.1	1.20
MOTE606R	29-37.3270-92.1535-4-52-000	7.5	465	5.00	0.425	.	.	M	.	M	.	M	-0.1	0.91
MOTE607R	29-37.2998-92.1595-4-52-000	7.4	485	5.00	0.348	.	.	M	.	M	.	M	-0.1	0.72
MOTE608R	29-37.2673-92.1388-4-52-000	7.3	320	3.70	0.149	.	.	M	.	M	.	M	-0.1	0.47
MOTE609R	29-37.2540-92.1084-4-52-000	7.5	365	4.00	0.189	.	.	M	.	M	.	M	-0.1	0.52
MOTE610R	29-37.2796-92.1180-4-52-000	7.8	390	4.00	0.346	.	104.0	M	.	M	.	M	-0.1	0.89
MOTE611R	29-37.2811-92.0827-4-52-000	7.7	340	4.20	0.397	.	.	M	.	M	188.0	M	-0.1	1.17
MOTE612R	29-37.2868-92.0435-4-52-000	7.5	430	5.10	0.205	.	93.0	6200	.	M	86.0	6010	-0.1	0.48
MOTE613R	29-37.3170-92.0338-4-53-000	7.5	255	4.10	0.119	.	.	M	.	M	.	M	-0.1	0.47
MOTE614R	29-37.3373-92.0094-4-52-000	7.6	320	3.20	0.161	.	.	M	.	M	.	M	-0.1	0.50
MOTE615R	29-37.3077-92.0076-4-52-000	7.7	305	4.00	0.100	.	90.0	M	.	M	172.0	M	-0.1	0.33
MOTE616R	29-37.2759-92.0054-4-52-000	7.9	280	3.70	0.084	.	75.0	M	.	M	.	M	-0.1	0.30
MOTE617R	29-37.2434-91.9992-4-52-000	7.7	350	3.90	0.143	.	.	M	.	M	.	M	-0.1	0.41
MOTE618R	29-37.2324-92.0208-4-52-000	7.7	305	4.20	0.130	.	51.0	5100	.	M	39.0	7240	-0.1	0.43
MOTE619R	29-37.2615-92.0325-4-52-000	7.7	330	4.30	0.154	.	72.0	9300	.	M	35.0	7410	-0.1	0.47
MOTE620R	29-37.2573-92.0621-4-52-000	7.7	310	4.10	0.334	.	58.0	6700	.	M	28.0	6220	-0.1	1.08
MOTE621R	29-37.2343-92.0619-4-52-000	7.6	390	4.70	0.219	.	82.0	6200	.	M	37.0	6290	0.3	0.56
MOTE622R	29-37.2250-92.0966-4-52-000	7.5	600	4.80	3.050	.	67.0	16200	.	M	37.0	15210	-0.1	5.08
MOTE623R	29-37.2068-92.1148-4-52-000	7.7	310	4.70	0.586	.	66.0	3900	.	M	25.0	6260	-0.1	1.89
MOTE624R	29-37.2181-92.1392-4-52-000	7.5	550	5.50	0.519	.	91.0	21900	.	M	91.0	20040	0.6	0.94
MOTE625R	29-37.2044-92.1591-4-52-000	7.5	400	5.30	0.423	.	124.0	13900	.	M	33.0	7710	0.4	1.06
MOTE626R	29-37.2024-92.1951-4-52-000	7.6	260	4.40	0.205	.	124.0	9900	16	M	55.0	7130	-0.1	0.79
MOTE627R	29-37.1749-92.1928-4-52-000	7.4	550	5.60	1.080	.	187.0	18100	.	M	138.0	17760	-0.1	1.96
MOTE628R	29-37.1765-92.1381-4-52-000	7.4	140	4.90	0.092	.	59.0	7100	.	M	94.0	7250	0.3	0.66
MOTE629R	29-37.1477-92.1139-4-52-000	7.4	285	3.50	0.465	.	61.0	8200	.	M	18.0	7040	-0.1	1.63
MOTE630R	29-37.1687-92.1146-4-52-000	7.4	270	4.40	0.250	.	91.0	7100	.	M	50.0	6350	-0.1	0.93
MOTE631R	29-37.1760-92.0835-4-52-000	7.5	260	5.00	0.215	.	63.0	6800	.	M	67.0	6500	-0.1	0.83
MOTE632R	29-37.1974-92.0776-4-52-000	7.6	370	4.20	0.170	.	73.0	9700	.	M	49.0	7290	-0.1	0.46
MOTE633R	29-37.2082-92.0334-4-52-000	7.6	370	4.40	0.195	.	36.0	9800	.	M	82.0	7180	0.5	0.53
MOTE634R	29-37.2827-91.9404-4-52-000	7.5	290	3.60	0.083	.	67.0	6800	38	M	94.0	6020	0.2	0.29

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOTE635R	29-37.2619-91.9474-4-52-000	7.5	405	4.60	0.241	.	76.0	9700	.	M	44.0	7360	0.2	0.60
MOTE636R	29-37.2439-91.9507-4-52-000	7.6	305	4.40	0.119	.	37.0	6000	.	M	42.0	5390	0.4	0.39
MOTE637R	29-37.2090-91.9769-4-52-000	7.4	385	5.30	0.277	.	.	9200	.	M	55.0	6940	-0.1	0.72
MOTE638R	29-37.1869-91.9994-4-52-000	7.6	335	6.40	0.336	.	71.0	7800	16	M	38.0	5730	0.3	1.00
MOTE639R	29-37.1713-92.0193-4-52-000	7.3	285	4.30	0.143	.	69.0	8600	.	M	57.0	7210	-0.1	0.50
MOTE640R	29-37.1595-92.0398-4-52-000	7.4	550	5.70	0.424	.	102.0	28000	.	M	124.0	16390	0.6	0.77
MOTE641R	29-37.1333-92.0587-4-52-000	8.0	270	5.30	0.214	.	51.0	7000	21	M	67.0	6800	1.2	0.79
MOTE642R	29-37.1341-92.0365-4-52-000	7.2	385	3.20	0.044	.	31.0	35900	.	M	115.0	22830	0.5	0.11
MOTE643R	29-37.1371-92.0129-4-52-000	7.5	480	2.00	2.470	.	57.0	13400	56	M	114.0	13900	-0.1	5.15
MOTE644R	29-37.1519-91.9590-4-52-000	7.8	350	4.80	0.240	.	67.0	5600	35	M	49.0	6120	-0.1	0.69
MOTE645R	29-37.1717-91.9622-4-52-000	7.7	350	4.00	0.164	.	85.0	11500	14	M	61.0	7020	-0.1	0.47
MOTE646R	29-37.1189-91.9583-4-52-000	7.8	290	3.90	0.112	.	137.0	12100	23	M	68.0	6820	-0.1	0.39
MOTE647R	29-37.0934-91.9545-4-52-000	7.3	55	1.20	0.017	.	118.0	10100	16	M	73.0	9060	-0.1	0.31
MOTE648R	29-37.0944-91.9903-4-52-000	7.4	315	3.40	0.192	.	.	7500	11	M	73.0	5860	-0.1	0.61
MOTE649R	29-37.0903-92.0174-4-52-000	7.6	265	3.80	0.124	.	28.0	5800	21	M	130.0	6820	-0.1	0.47
MOTE650R	29-37.0735-92.0231-4-52-000	7.7	255	3.70	0.176	.	45.0	7300	32	M	76.0	7330	0.8	0.69
MOTE651R	29-37.1017-92.0403-4-52-000	7.8	265	3.90	0.186	.	73.0	6900	.	M	148.0	7140	-0.1	0.70
MOTE652R	29-37.1010-92.0894-4-52-000	7.7	260	4.00	0.109	.	36.0	7200	.	M	152.0	6300	-0.1	0.42
MOTE653R	29-37.0744-92.0870-4-52-000	7.6	270	4.30	0.232	.	67.0	6900	.	M	176.0	6330	-0.1	0.86
MOTE654R	29-37.0836-92.1076-4-52-000	7.7	240	4.50	0.381	.	66.0	6900	.	M	149.0	7060	-0.1	1.59
MOTE655R	29-37.0896-92.1241-4-52-000	7.8	265	4.50	0.128	.	72.0	6300	.	M	167.0	7060	0.4	0.48
MOTE656R	29-37.0850-92.1517-4-52-000	7.8	130	2.80	0.027	.	50.0	8500	.	M	114.0	7070	0.5	0.21
MOTE657R	29-37.1092-92.1479-4-52-000	7.8	210	2.20	0.522	.	34.0	6700	.	M	135.0	6620	-0.1	2.49
MOTE658R	29-37.1015-92.1861-4-52-000	7.7	300	3.70	0.172	.	80.0	8700	.	M	116.0	6990	-0.1	0.57
MOTE659R	29-37.0724-92.1979-4-52-000	7.6	340	4.70	0.154	.	102.0	7800	.	M	195.0	7460	-0.1	0.45
MOTE660R	29-37.0880-92.2160-4-52-000	7.7	320	4.60	0.351	.	38.0	7700	19	M	69.0	6500	0.6	1.10
MOTE661R	29-37.1064-92.2244-4-52-000	7.7	315	4.70	0.481	.	50.0	7700	.	M	100.0	6860	0.5	1.53
MOTE662R	29-37.1375-92.2281-4-52-000	7.4	330	4.80	0.315	.	95.0	9100	.	M	84.0	8450	0.5	0.95
MOTE663R	29-37.1353-92.2016-4-52-000	7.6	350	5.10	0.381	.	.	6600	.	M	108.0	6520	-0.1	1.09
MOTE664R	29-37.1303-92.1610-4-52-000	7.6	295	3.40	0.378	.	54.0	7700	.	M	181.0	7470	-0.1	1.28
MOTE665R	29-37.3176-91.9242-4-52-000	7.0	90	1.80	0.026	.	.	8800	.	M	103.0	9260	-0.1	0.29
MOTE666R	29-37.2926-91.9045-4-52-000	7.2	650	5.50	1.005	.	219.0	41800	65	M	442.0	25780	-0.1	1.55
MOTE667R	29-37.3161-91.8960-4-52-000	7.4	435	6.10	0.206	.	95.0	8000	.	M	245.0	9360	-0.1	0.47
MOTE668R	29-37.3022-91.8714-4-52-000	7.4	460	5.60	0.258	.	69.0	11900	.	M	144.0	8840	-0.1	0.56
MOTE669R	29-37.3124-91.8198-4-52-000	7.3	200	4.90	0.033	.	88.0	14100	51	M	150.0	7280	-0.1	0.17
MOTE670R	29-37.2915-91.8451-4-52-000	7.4	410	2.10	0.343	.	112.0	10700	.	M	205.0	8880	-0.1	0.84
MOTE671R	29-37.2759-91.8429-4-52-000	7.6	305	3.70	0.164	.	134.0	10400	.	M	194.0	8430	0.9	0.54
MOTE672R	29-37.2619-91.8111-4-53-000	7.7	160	2.30	0.064	.	60.0	7700	26	M	137.0	7950	-0.1	0.40
MOTE673R	29-37.2737-91.8798-4-52-000	7.8	180	2.40	0.069	.	57.0	7000	.	M	177.0	7870	-0.1	0.38
MOTE674R	29-37.2769-91.9237-4-52-000	7.5	320	3.60	0.170	.	67.0	9100	.	M	213.0	8470	-0.1	0.53
MOTE675R	29-37.2475-91.9196-4-52-000	7.6	320	4.10	0.290	.	80.0	9500	.	M	204.0	8750	0.5	0.91
MOTE676R	29-37.2293-91.8958-4-52-000	7.4	460	4.10	0.211	.	326.0	35300	.	M	190.0	17080	0.7	0.46
MOTE677R	29-37.2063-91.8861-4-52-000	7.6	305	4.20	0.210	.	111.0	8900	.	M	209.0	8340	0.5	0.69
MOTE678R	29-37.2060-91.8433-4-52-000	7.7	285	4.40	0.258	.	48.0	7300	.	M	205.0	8030	0.5	0.91
MOTE679R	29-37.2343-91.8506-4-52-000	7.7	260	4.10	0.133	.	55.0	7400	19	M	204.0	8090	0.5	0.51
MOTE680R	29-37.2456-91.7937-4-52-000	7.8	230	3.20	0.166	.	133.0	13000	.	M	172.0	9510	0.5	0.72
MOTE681R	29-37.2552-91.7722-4-52-000	7.8	250	3.80	0.114	.	.	8200	.	M	177.0	8380	0.4	0.46
MOTE682R	29-37.2589-91.7348-4-52-000	7.8	260	3.30	0.129	.	139.0	13700	.	M	184.0	10270	0.7	0.50
MOTE683R	29-37.2360-91.7418-4-52-000	7.8	270	4.00	0.073	.	82.0	8900	.	M	187.0	7980	0.3	0.27
MOTE684R	29-37.2458-91.7024-4-52-000	7.9	215	3.40	0.084	.	52.0	7700	14	M	180.0	8130	0.4	0.39
MOTE685R	29-37.2457-91.6633-4-52-000	7.8	220	3.00	0.064	.	15.0	7000	.	M	179.0	8660	1.0	0.29
MOTE686R	29-37.2713-91.6660-4-52-000	7.9	55	1.30	0.039	.	60.0	4600	35	M	117.0	8060	0.3	0.71
MOTE687R	29-37.3018-91.6708-4-52-000	7.8	215	3.30	0.103	.	40.0	7000	39	M	186.0	8380	-0.1	0.48

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOTE688R	29-37.3183-91.6798-4-52-000	7.7	240	2.50	0.094	.	62.0	7100	.	M	203.0	8600	0.5	0.39
MOTE689R	29-37.2017-91.9065-4-52-000	7.8	400	3.70	0.233	.	184.0	18800	33	M	210.0	11160	-0.1	0.58
MOTE690R	29-37.1788-91.9094-4-52-000	7.6	350	3.60	0.204	.	68.0	8300	.	M	221.0	8940	-0.1	0.58
MOTE691R	29-37.1690-91.8969-4-52-000	7.6	405	4.20	0.551	.	92.0	7600	24	M	255.0	9430	0.3	1.36
MOTE692R	29-37.1226-91.8985-4-52-000	7.7	310	4.60	0.344	.	95.0	7700	.	M	214.0	9110	0.4	1.11
MOTE693R	29-37.1266-91.8630-4-52-000	7.6	360	4.50	0.148	.	102.0	6400	.	M	232.0	9290	-0.1	0.41
MOTE694R	29-37.1472-91.8374-4-52-000	7.6	360	4.70	0.248	.	76.0	8800	22	M	217.0	9780	-0.1	0.69
MOTE695R	29-37.1630-91.8392-4-52-000	7.5	420	5.10	0.440	.	86.0	8900	15	M	261.0	9840	0.5	1.05
MOTE696R	29-37.1696-91.8177-4-52-000	7.5	430	5.60	0.234	.	73.0	7100	29	M	259.0	9210	0.5	0.54
MOTE697R	29-37.1081-91.8492-4-52-000	7.5	385	6.20	0.442	.	93.0	8500	27	M	245.0	9660	0.6	1.15
MOTE698R	29-37.1052-91.8899-4-52-000	7.6	310	5.30	0.165	.	36.0	6500	18	M	197.0	8370	-0.1	0.53
MOTE699R	29-37.1135-91.9131-4-52-000	7.6	335	4.40	0.112	.	42.0	10800	.	M	198.0	10630	-0.1	0.33
MOTE700R	29-37.0785-91.9344-4-52-000	7.8	215	3.20	0.100	.	130.0	8500	10	M	151.0	9770	-0.1	0.47
MOTE701R	29-37.0755-91.8814-4-52-000	7.5	205	2.90	0.122	.	.	8700	.	M	148.0	9870	0.3	0.60
MOTE702R	29-37.0692-91.8392-4-52-000	7.6	300	2.60	0.146	.	.	9300	.	M	195.0	10400	-0.1	0.49
MOTE703R	29-37.0806-91.8037-4-52-000	7.8	210	3.50	0.124	.	42.0	6200	.	M	172.0	9180	0.6	0.59
MOTE704R	29-37.1055-91.8066-4-52-000	7.8	460	5.00	0.299	.	69.0	11600	.	M	161.0	10910	-0.1	0.65
MOTE705R	29-37.0786-91.7281-4-52-000	7.9	270	5.50	0.189	.	55.0	5600	.	M	180.0	9420	-0.1	0.70
MOTE706R	29-37.1089-91.7155-4-52-000	7.8	300	4.40	0.154	.	63.0	7100	.	M	191.0	9440	0.4	0.51
MOTE707R	29-37.1498-91.6646-4-52-000	7.8	270	4.10	0.099	.	43.0	6400	.	M	178.0	9300	0.2	0.37
MOTE708R	29-37.2019-91.7113-4-52-000	7.8	270	4.20	0.098	.	34.0	5500	.	M	189.0	9290	-0.1	0.36
MOTE709R	29-37.1755-91.7213-4-52-000	7.3	125	4.00	0.038	.	.	M	.	M	.	M	-0.1	0.30
MOWS501R	29-37.7693-90.8674-4-52-000	7.2	750	3.80	0.361	.	258.0	39000	.	M	401.0	29620	-0.1	0.48
MOWS502R	29-37.7463-90.8857-4-52-000	7.2	490	3.80	0.290	.	74.0	9200	.	M	249.0	10610	-0.1	0.59
MOWS503R	29-37.7890-90.8699-4-52-000	7.3	900	5.60	0.663	.	.	79100	.	M	329.0	31060	-0.1	0.74
MOWS504R	29-37.7985-90.8491-4-52-000	7.6	390	3.80	0.179	.	92.0	13200	.	M	191.0	13670	0.4	0.46
MOWS505R	29-37.7871-90.8011-4-52-000	7.5	950	3.80	0.744	.	55.0	73800	.	M	203.0	35160	1.5	0.78
MOWS506R	29-37.7444-90.8478-4-52-000	7.9	300	2.60	0.099	.	44.0	9500	.	M	164.0	11910	-0.1	0.33
MOWS507R	29-37.7660-90.8295-4-52-000	7.6	600	4.50	0.559	.	354.0	23800	.	M	222.0	33900	0.7	0.93
MOWS508R	29-37.7673-90.7915-4-52-000	7.6	480	4.60	0.226	.	295.0	20900	.	M	102.0	17000	-0.1	0.47
MOWS509R	29-37.7419-90.7656-4-52-000	7.6	490	3.40	2.813	.	130.0	39200	37	M	183.0	22970	-0.1	5.74
MOWS510R	29-37.7674-90.7543-4-52-000	7.9	210	1.50	0.061	.	47.0	8200	.	M	133.0	10830	-0.1	0.29
MOWS511R	29-37.7636-90.7188-4-52-000	7.0	170	0.40	0.034	.	.	17900	.	M	103.0	15630	-0.1	0.20
MOWS512R	29-37.7501-90.6625-4-52-000	7.3	490	3.20	0.513	.	109.0	13400	.	M	115.0	13230	-0.1	1.05
MOWS513R	29-37.7767-90.6707-4-52-000	7.7	410	2.60	0.391	.	65.0	8500	25	M	210.0	11660	-0.1	0.95
MOWS514R	29-37.7957-90.6873-4-52-000	7.5	490	3.30	0.374	.	129.0	11500	.	M	110.0	13880	-0.1	0.76
MOWS515R	29-37.8085-90.7125-4-52-000	8.0	180	1.60	0.135	.	36.0	9200	17	M	140.0	11200	-0.1	0.75
MOWS516R	29-37.7961-90.7639-4-52-000	7.6	310	2.20	0.148	.	73.0	10000	.	M	153.0	10600	-0.1	0.48
MOWS517R	29-37.8301-90.7783-4-52-000	7.7	390	3.60	0.370	.	30.0	11400	.	M	202.0	11760	1.4	0.95
MOWS518R	29-37.8701-90.7940-4-52-000	7.9	290	2.70	0.035	.	112.0	6300	.	M	193.0	9710	-0.1	0.12
MOWS519R	29-37.8264-90.6763-4-52-000	7.3	460	2.90	1.093	.	48.0	10600	.	M	269.0	12090	-0.1	2.35
MOWS520R	29-37.8302-90.7092-4-52-000	7.4	800	6.40	1.778	.	79.0	21400	93	M	195.0	25960	0.8	2.22
MOWS521R	29-37.8280-90.7536-4-52-000	7.6	400	3.70	0.352	.	162.0	13400	.	M	199.0	14110	1.0	0.88
MOWS522R	29-37.8575-90.7549-4-52-000	7.7	300	2.40	0.218	.	.	8700	.	M	176.0	11430	1.6	0.73
MOWS523R	29-37.8545-90.6857-4-52-000	7.3	520	3.60	1.797	.	141.0	19900	.	M	355.0	31800	-0.1	3.46
MOWS524R	29-37.8599-90.7081-4-52-000	7.5	490	3.40	0.482	.	55.0	14400	.	M	232.0	13730	-0.1	0.98
MOWS525R	29-37.8955-90.7038-4-52-000	7.5	400	3.40	0.365	.	27.0	9100	.	M	194.0	12090	-0.1	0.91
MOWS526R	29-37.8988-90.7444-4-52-000	7.7	300	2.60	0.165	.	82.0	8300	.	M	177.0	11150	0.3	0.55
MOWS527R	29-37.9308-90.7609-4-52-000	7.5	490	3.90	0.216	.	.	8700	.	M	.	6010	-0.1	0.44
MOWS528R	29-37.9295-90.7148-4-52-000	7.4	480	4.10	0.339	.	.	M	.	M	.	M	-0.1	0.71
MOWS529R	29-37.8819-90.6580-4-52-000	7.7	410	3.70	0.243	.	.	M	.	M	.	M	-0.1	0.59
MOWS530R	29-37.9195-90.7917-4-52-000	7.6	510	5.10	0.521	.	.	M	.	M	.	M	-0.1	1.02
MOWS531R	29-37.8945-90.8009-4-52-000	8.0	200	2.50	0.081	.	.	M	.	M	.	M	-0.1	0.41

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOWS532R	29-37.9008-90.8326-4-52-000	7.7	410	3.00	0.184	.	.	M	.	M	.	M	-0.1	0.45
MOWS533R	29-37.8935-90.8591-4-52-000	7.6	390	3.40	0.279	.	.	M	.	M	.	M	-0.1	0.72
MOWS534R	29-37.8771-90.8848-4-52-000	7.7	300	2.60	0.281	.	44.0	8200	36	M	144.0	6980	-0.1	0.94
MOWS535R	29-37.9148-90.8873-4-52-000	7.7	340	3.80	0.356	.	.	M	.	M	.	M	-0.1	1.05
MOWS536R	29-37.9303-90.8333-4-52-000	7.5	450	4.40	0.253	.	.	M	.	M	.	M	-0.1	0.56
MOWS537R	29-37.7610-91.0629-4-52-000	7.9	320	4.00	0.232	.	.	8100	49	M	69.0	5530	0.4	0.73
MOWS538R	29-37.7861-91.0848-4-52-000	8.1	260	2.80	0.193	.	101.0	8700	.	M	57.0	5450	-0.1	0.74
MOWS539R	29-37.8168-91.0652-4-52-000	7.3	490	3.60	0.429	.	34.0	6500	23	M	86.0	4660	-0.1	0.88
MOWS540R	29-37.8450-91.0627-4-52-000	7.5	350	3.60	0.327	.	.	M	.	M	.	M	-0.1	0.93
MOWS541R	29-37.8415-91.0259-4-52-000	7.6	310	3.90	0.313	.	42.0	8200	27	M	180.0	5560	-0.1	1.01
MOWS542R	29-37.8422-90.9920-4-53-000	7.6	290	2.70	0.346	.	71.0	7600	22	M	63.0	5650	0.8	1.19
MOWS543R	29-37.8272-90.9576-4-52-000	7.6	350	3.20	0.371	.	87.0	M	.	M	.	M	-0.1	1.06
MOWS544R	29-37.7957-90.9185-4-52-000	7.7	320	2.80	0.296	.	.	M	.	M	.	M	-0.1	0.93
MOWS545R	29-37.7791-90.9288-4-52-000	7.7	260	2.30	0.188	.	.	M	.	M	.	M	-0.1	0.72
MOWS546R	29-37.7964-91.0101-4-52-000	7.8	220	1.40	0.201	.	.	M	.	M	.	M	-0.1	0.91
MOWS547R	29-37.7633-90.9924-4-53-000	8.0	250	2.80	0.237	.	.	M	.	M	.	M	-0.1	0.95
MOWS548R	29-37.8594-90.9101-4-52-000	7.8	300	2.80	0.246	.	.	M	.	M	.	M	-0.1	0.82
MOWS549R	29-37.8752-90.9400-4-52-000	7.7	300	2.40	0.111	.	.	M	.	M	.	M	-0.1	0.37
MOWS550R	29-37.9022-90.9380-4-52-000	7.9	250	2.40	0.112	.	.	M	.	M	.	M	-0.1	0.45
MOWS551R	29-37.9294-90.9111-4-52-000	7.8	300	2.30	0.185	.	.	M	.	M	.	M	-0.1	0.62
MOWS552R	29-37.9561-90.8356-4-52-000	8.2	480	1.80	0.320	.	.	M	.	M	.	M	-0.1	0.67
MOWS553R	29-37.9678-90.8645-4-52-000	7.9	380	1.50	0.208	.	.	9700	68	M	86.0	7160	-0.1	0.55
MOWS554R	29-37.9834-90.8454-4-52-000	7.6	600	4.70	1.277	.	.	M	.	M	.	M	-0.1	2.13
MOWS555R	29-37.9995-90.8870-4-52-000	7.9	410	2.60	0.513	.	.	M	.	M	.	M	-0.1	1.25
MOWS556R	29-38.0199-90.9201-4-52-000	7.8	390	2.00	0.257	.	.	M	.	M	.	M	-0.1	0.66
MOWS557R	29-38.0321-90.8755-4-52-000	7.8	370	1.30	0.371	.	44.0	7800	20	M	.	5420	-0.1	1.00
MOWS558R	29-38.0603-90.8347-4-53-000	7.7	390	1.80	0.443	.	.	M	.	M	.	M	-0.1	1.14
MOWS559R	29-38.0271-90.8396-4-52-000	7.6	480	2.60	0.267	.	92.0	8900	24	M	78.0	5650	-0.1	0.56
MOWS560R	29-38.0206-90.7943-4-52-000	7.5	490	2.50	0.531	.	68.0	M	.	M	.	M	-0.1	1.08
MOWS561R	29-37.9819-90.7981-4-52-000	7.5	510	2.20	0.500	.	.	M	.	M	.	M	-0.1	0.98
MOWS562R	29-37.9551-90.7852-4-52-000	7.6	380	2.00	0.214	.	.	M	.	M	.	M	-0.1	0.56
MOWS563R	29-37.9537-90.7318-4-52-000	7.8	320	1.60	0.227	.	.	M	.	M	.	M	-0.1	0.71
MOWS564R	29-37.9839-90.7252-4-52-000	7.8	300	1.20	0.114	.	.	M	.	M	.	M	-0.1	0.38
MOWS565R	29-37.9874-90.6815-4-52-000	7.7	320	1.40	0.188	.	.	M	.	M	.	M	-0.1	0.59
MOWS566R	29-37.9611-90.6605-4-52-000	7.7	200	0.90	0.053	.	.	M	.	M	.	M	-0.1	0.27
MOWS567R	29-37.9508-90.7560-4-52-000	7.2	420	4.60	0.157	.	.	M	.	M	.	M	-0.1	0.37
MOWS568R	29-37.9804-90.7617-4-52-000	7.4	430	6.20	0.260	.	.	M	.	M	.	M	-0.1	0.60
MOWS569R	29-38.0131-90.7531-4-53-000	7.6	320	4.10	0.280	.	.	M	.	M	.	M	-0.1	0.88
MOWS570R	29-38.0168-90.7151-4-52-000	7.4	450	3.10	0.281	.	39.0	M	.	M	244.0	M	-0.1	0.62
MOWS571R	29-37.9673-90.9162-4-52-000	7.7	600	4.00	0.393	.	.	M	.	M	.	M	-0.1	0.66
MOWS572R	29-37.9544-90.9502-4-52-000	7.8	340	3.20	0.237	.	67.0	M	.	M	.	M	-0.1	0.70
MOWS573R	29-37.9197-90.9628-4-52-000	8.0	250	2.00	0.079	.	.	M	.	M	.	M	-0.1	0.32
MOWS574R	29-37.9220-90.9934-4-52-000	7.7	360	2.60	0.184	.	.	M	.	M	.	M	-0.1	0.51
MOWS575R	29-37.9179-91.0744-4-52-000	7.4	340	2.40	0.293	.	.	M	.	M	.	M	-0.1	0.86
MOWS576R	29-37.9096-91.0287-4-52-000	7.6	220	2.20	0.200	.	.	M	.	M	.	M	-0.1	0.91
MOWS577R	29-38.0638-90.9065-4-52-000	7.4	429	3.00	0.234	.	.	M	.	M	.	M	-0.1	0.55
MOWS578R	29-38.0913-90.9883-4-52-000	7.2	600	3.60	0.212	.	82.0	M	1200	M	.	M	-0.1	0.35
MOWS579R	29-38.0782-91.0933-4-52-000	7.3	570	4.70	0.429	.	267.0	17100	.	M	333.0	14210	-0.1	0.75
MOWS580R	29-38.0542-91.0833-4-52-000	7.4	402	4.20	0.294	.	.	M	.	M	.	M	-0.1	0.73
MOWS581R	29-38.0246-91.0657-4-52-000	7.5	403	3.50	0.886	.	27.0	M	.	M	.	M	-0.1	2.20
MOWS582R	29-37.9918-91.0356-4-52-000	7.3	420	4.50	0.256	.	.	M	.	M	.	M	-0.1	0.61
MOWS583R	29-38.1136-90.9930-4-52-000	7.6	321	3.80	0.110	.	.	5800	.	M	83.0	4850	0.3	0.34
MOWS584R	29-38.1211-90.9638-4-52-000	7.5	381	3.80	0.155	.	.	M	.	M	.	M	-0.1	0.41

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI

U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOWS585R	29-38.1548-91.0329-4-52-000	7.5	404	3.70	0.093	.	30.0	9200	.	M	181.0	6060	-0.1	0.23
MOWS586R	29-38.1908-91.0433-4-52-000	7.5	383	4.30	0.120	.	.	M	.	M	.	M	-0.1	0.31
MOWS587R	29-38.1834-91.0665-4-52-000	7.8	391	3.90	0.474	.	.	M	.	M	.	M	-0.1	1.21
MOWS588R	29-38.1936-90.9869-4-52-000	7.9	317	3.10	0.160	.	.	M	.	M	.	M	-0.1	0.50
MOWS589R	29-38.1691-90.9399-4-52-000	7.5	497	3.20	0.199	.	.	M	.	M	.	M	-0.1	0.40
MOWS590R	29-38.1552-90.9263-4-52-000	7.6	249	3.70	0.211	.	.	M	.	M	.	M	-0.1	0.85
MOWS591R	29-38.1097-90.8922-4-52-000	7.8	250	2.40	0.085	.	67.0	7100	42	M	160.0	5720	-0.1	0.34
MOWS592R	29-38.0949-90.9211-4-52-000	7.6	560	3.30	0.577	.	.	M	.	M	.	M	-0.1	1.03
MOWS593R	29-38.1505-90.8802-4-52-000	7.6	491	4.50	0.210	.	.	M	.	M	.	M	-0.1	0.43
MOWS594R	29-38.1572-90.8320-4-52-000	7.4	497	4.30	0.459	.	.	M	.	M	.	M	-0.1	0.92
MOWS595R	29-38.1176-90.8400-4-52-000	7.4	393	4.10	0.128	.	.	6200	.	M	61.0	4600	-0.1	0.33
MOWS596R	29-38.0456-90.7593-4-52-000	7.3	457	4.80	0.307	.	47.0	5900	.	M	72.0	5870	-0.1	0.67
MOWS597R	29-38.0439-90.7249-4-52-000	7.1	760	6.10	0.503	.	118.0	11200	84	M	156.0	14250	-0.1	0.66
MOWS598R	29-38.0553-90.6946-4-52-000	7.2	416	5.00	0.238	.	80.0	7600	.	M	52.0	5200	-0.1	0.57
MOWS599R	29-38.0713-90.6862-4-52-000	7.0	530	6.10	0.292	.	98.0	12700	.	M	164.0	10380	-0.1	0.55
MOWS600R	29-38.0740-90.7223-4-52-000	7.1	570	4.40	0.396	.	161.0	16500	41	M	147.0	11000	-0.1	0.69
MOWS601R	29-38.0906-90.7513-4-52-000	7.1	312	4.50	0.140	.	73.0	7500	.	M	68.0	5100	-0.1	0.45
MOWS602R	29-38.1233-90.7727-4-52-000	7.1	429	4.00	0.332	.	93.0	12400	40	M	77.0	6740	-0.1	0.77
MOWS603R	29-38.1515-90.7457-4-52-000	7.1	580	4.60	0.247	.	28.0	7900	.	M	62.0	4910	-0.1	0.43
MOWS604R	29-38.1370-90.7985-4-52-000	7.3	410	5.60	0.284	.	127.0	10400	58	M	64.0	16070	-0.1	0.69
MOWS605R	29-38.1768-90.8199-4-52-000	7.2	471	4.20	0.240	.	106.0	8400	29	M	69.0	8670	-0.1	0.51
MOWY501R	29-37.2974-90.2263-4-52-000	7.7	295	3.10	0.131	.	.	19200	.	M	137.0	5500	-0.1	0.44
MOWY502R	29-37.2987-90.2545-4-52-000	7.1	198	1.60	0.032	.	.	10300	.	M	66.0	5930	-0.1	0.16
MOWY503R	29-37.2958-90.2949-4-52-000	7.0	124	0.48	-0.002	.	.	9600	.	M	20.0	3490	-0.1	M
MOWY504R	29-37.2971-90.3322-4-52-000	6.7	30	0.04	0.004	.	.	6800	.	M	6.0	2060	-0.1	0.13
MOWY505R	29-37.3050-90.4023-4-52-000	7.4	337	2.30	0.121	.	49.0	7800	55	M	.	2450	-0.1	0.36
MOWY506R	29-37.2871-90.4322-4-52-000	7.8	255	2.50	0.068	.	.	8500	.	M	64.0	1680	-0.1	0.27
MOWY507R	29-37.2646-90.4390-4-52-000	7.4	342	3.10	0.129	.	.	6900	15	M	95.0	2190	-0.1	0.38
MOWY508R	29-37.2503-90.4505-4-52-000	7.2	545	3.50	0.783	.	.	61700	.	M	292.0	29240	-0.1	1.44
MOWY509R	29-37.2320-90.4433-4-52-000	7.5	286	2.40	0.070	.	.	5400	.	M	96.0	2270	-0.1	0.24
MOWY510R	29-37.2277-90.4759-4-52-000	7.6	299	2.70	0.128	.	.	5800	12	M	83.0	1750	-0.1	0.43
MOWY511R	29-37.1816-90.4587-4-52-000	7.9	200	1.40	0.559	.	50.0	7000	33	M	.	3360	-0.1	2.80
MOWY512R	29-37.1651-90.4542-4-53-000	7.4	395	3.80	20.360	.	.	7900	.	M	.	M	-0.1	51.54
MOWY513R	29-37.1707-90.4214-4-52-000	7.5	374	3.00	0.432	.	.	8900	44	M	112.0	3200	-0.1	1.16
MOWY514R	29-37.2038-90.4238-4-52-000	7.6	330	2.80	0.099	.	.	5900	.	M	.	3170	-0.1	0.30
MOWY515R	29-37.2273-90.2272-4-52-000	7.6	379	3.10	0.099	.	.	7400	.	M	114.0	2380	-0.1	0.26
MOWY516R	29-37.2051-90.2229-4-52-000	7.4	291	3.10	0.032	.	.	19800	.	M	63.0	17200	-0.1	0.11
MOWY517R	29-37.1713-90.2360-4-52-000	6.1	201	0.70	0.017	.	.	21400	.	M	.	8980	0.4	0.08
MOWY518R	29-37.1737-90.2688-4-52-000	7.3	343	1.90	0.221	.	.	6200	.	M	76.0	1500	0.1	0.64
MOWY519R	29-37.1402-90.2752-4-52-000	7.4	320	3.80	0.132	.	.	7200	.	M	.	2080	-0.1	0.41
MOWY520R	29-37.1014-90.2978-4-52-000	7.2	261	3.70	0.079	.	32.0	7300	29	M	.	2520	0.3	0.30
MOWY521R	29-37.0916-90.2623-4-52-000	7.4	421	3.40	0.099	.	.	14100	.	M	111.0	4220	-0.1	0.24
MOWY522R	29-37.1107-90.2408-4-52-000	7.3	452	4.60	0.209	.	.	15000	.	M	130.0	4630	-0.1	0.46
MOWY523R	29-37.0806-90.2014-4-52-000	7.1	262	4.20	0.261	.	36.0	6700	34	M	.	2400	-0.1	1.00
MOWY524R	29-37.0797-90.1568-4-52-000	7.4	298	3.10	0.054	.	54.0	7300	7	M	.	2130	0.2	0.18
MOWY525R	29-37.0692-90.1154-4-52-000	7.3	700	3.40	0.165	.	.	44600	.	M	141.0	31800	-0.1	0.24
MOWY526R	29-37.0472-90.1950-4-52-000	7.7	297	4.70	0.070	.	20.0	9100	31	M	.	2510	-0.1	0.24
MOWY527R	29-37.0307-90.2149-4-52-000	7.5	257	2.60	0.096	.	.	17300	.	M	39.0	5700	-0.1	0.37
MOWY528R	29-37.0088-90.2218-4-52-000	7.6	263	2.70	0.031	.	64.0	10600	.	M	.	2700	-0.1	0.12
MOWY529R	29-36.9789-90.2462-4-52-000	7.4	248	2.60	-0.002	.	33.0	12900	.	M	.	3460	-0.1	M
MOWY530R	29-36.9759-90.2722-4-52-000	7.5	283	2.90	0.056	.	.	7100	.	M	71.0	1980	0.2	0.20
MOWY531R	29-36.9354-90.2709-4-52-000	7.3	361	4.20	0.203	.	83.0	13500	.	M	.	3620	0.2	0.56
MOWY532R	29-37.0200-90.2645-4-52-000	7.5	301	3.60	1.027	.	.	9400	.	M	73.0	2760	-0.1	3.41

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H₂O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOWY533R	29-37.0333-90.2781-4-52-000	7.7	261	4.10	0.102	.	.	6600	.	M	.	2230	-0.1	0.39
MOWY534R	29-37.2097-90.4010-4-52-000	7.9	216	1.80	0.100	.	.	6300	.	M	.	1460	-0.1	0.46
MOWY535R	29-37.2137-90.3725-4-52-000	7.1	284	2.00	0.199	.	352.0	17400	87	M	.	6110	0.4	0.70
MOWY536R	29-37.2155-90.3476-4-52-000	6.6	83	1.30	0.018	.	.	6300	17	M	.	1970	0.3	0.22
MOWY537R	29-37.2379-90.2509-4-52-000	6.7	173	1.20	0.033	.	.	10300	.	M	.	4310	-0.1	0.19
MOWY538R	29-37.2361-90.3150-4-52-000	6.4	40	0.65	0.025	.	35.0	5200	.	M	9.0	1610	-0.1	0.63
MOWY539R	29-37.2699-90.2946-4-52-000	6.0	65	0.30	0.438	.	20.0	7200	.	M	47.0	2120	-0.1	6.74
MOWY540R	29-37.2492-90.3247-4-52-000	5.9	352	0.30	0.213	.	232.0	47600	.	M	.	22500	-0.1	0.61
MOWY541R	29-37.1945-90.3358-4-52-000	7.4	190	0.80	0.041	.	.	7500	.	M	60.0	2670	-0.1	0.22
MOWY542R	29-37.1647-90.3103-4-52-000	7.4	302	2.20	0.183	.	.	6100	.	M	.	1240	-0.1	0.61
MOWY543R	29-37.1379-90.2964-4-53-000	7.3	238	2.70	0.088	.	171.0	6100	11	M	.	2120	0.3	0.37
MOWY544R	29-37.1478-90.3374-4-52-000	6.2	37	0.12	-0.002	.	.	4400	4	M	6.0	1600	-0.1	M
MOWY545R	29-37.1305-90.3379-4-52-000	7.6	259	1.50	0.067	.	56.0	7000	25	M	.	2630	-0.1	0.26
MOWY546R	29-37.1508-90.3761-4-52-000	7.3	144	1.50	0.030	.	.	8600	.	M	.	1410	-0.1	0.21
MOWY547R	29-37.0926-90.4513-4-52-000	7.9	190	1.50	0.021	.	56.0	7800	.	M	.	2000	0.2	0.11
MOWY548R	29-37.1309-90.4927-4-52-000	7.2	130	1.40	0.062	.	.	5600	.	M	.	M	-0.1	0.48
MOWY549R	29-37.1580-90.5477-4-52-000	7.2	540	2.70	0.117	.	92.0	12500	.	M	.	3170	-0.1	0.22
MOWY550R	29-37.1265-90.4409-4-52-000	7.9	255	2.50	0.047	.	.	7400	.	M	71.0	1480	-0.1	0.18
MOWY551R	29-37.1013-90.4202-4-52-000	6.1	60	1.80	0.017	.	2616.0	8800	37	M	13.0	2860	-0.1	0.28
MOWY552R	29-37.0784-90.4091-4-52-000	6.4	71	0.70	0.003	.	.	7100	.	M	15.0	1450	-0.1	0.04
MOWY553R	29-37.0595-90.3275-4-52-000	6.6	143	1.70	0.006	.	37.0	6500	23	M	.	2000	-0.1	0.04
MOWY554R	29-37.0451-90.3100-4-53-000	6.9	82	1.50	0.017	.	.	7300	.	M	19.0	2010	0.1	0.21
MOWY555R	29-37.0595-90.3729-4-53-000	6.7	150	0.90	0.068	.	45.0	8600	13	M	.	2350	-0.1	0.45
MOWY556R	29-37.0370-90.3924-4-53-000	6.9	172	1.80	0.009	.	.	8300	.	M	36.0	1470	-0.1	0.05
MOWY557R	29-37.0627-90.4814-4-52-000	7.1	198	1.70	0.012	.	38.0	8200	15	M	.	2810	-0.1	0.06
MOWY558R	29-37.0433-90.4370-4-52-000	7.4	219	2.80	0.173	.	.	7300	.	M	46.0	1310	-0.1	0.79
MOWY559R	29-37.0421-90.4718-4-52-000	7.5	327	2.90	0.126	.	49.0	7400	.	M	.	1960	-0.1	0.39
MOWY560R	29-37.0151-90.4624-4-52-000	7.8	110	2.80	-0.002	.	.	9600	.	M	33.0	2860	-0.1	M
MOWY561R	29-36.9792-90.4422-4-52-000	7.5	289	1.20	0.099	.	22.0	7900	.	M	.	1890	-0.1	0.34
MOWY562R	29-36.9380-90.4273-4-52-000	7.5	310	2.70	0.219	.	.	8600	.	M	72.0	1600	-0.1	0.71
MOWY563R	29-36.9401-90.3877-4-52-000	7.8	319	2.80	0.075	.	89.0	9800	.	M	.	2470	-0.1	0.24
MOWY564R	29-36.9500-90.3602-4-52-000	7.5	322	2.80	0.261	.	.	6200	.	M	58.0	1500	-0.1	0.81
MOWY565R	29-36.9719-90.3571-4-52-000	7.6	318	2.90	0.098	.	36.0	7800	.	M	.	1950	-0.1	0.31
MOWY566R	29-36.9513-90.4542-4-52-000	7.7	252	3.50	0.057	.	.	9000	.	M	71.0	1790	-0.1	0.23
MOWY567R	29-36.9637-90.4839-4-52-000	7.5	333	2.40	0.528	.	.	8300	.	M	.	2200	-0.1	1.59
MOWY568R	29-36.9729-90.5180-4-52-000	7.0	281	2.80	0.026	.	.	28200	.	M	80.0	10820	-0.1	0.09
MOWY569R	29-36.9554-90.5511-4-52-000	7.2	302	1.60	0.126	.	3631.0	10200	.	M	.	3410	0.3	0.42
MOWY570R	29-36.9756-90.5492-4-52-000	7.5	384	2.60	0.331	.	.	21200	.	M	119.0	5170	-0.1	0.86
MOWY571R	29-37.0791-90.4940-4-52-000	8.0	103	1.50	0.002	.	.	10000	.	M	.	3090	-0.1	0.02
MOWY572R	29-37.0077-90.5330-4-52-000	7.2	96	1.20	0.008	.	61.0	8600	13	M	105.0	2250	-0.1	0.08
MOWY573R	29-37.0086-90.4977-4-52-000	7.5	212	1.20	0.049	.	.	10700	.	M	.	M	-0.1	0.23
MOWY574R	29-37.0254-90.5241-4-52-000	6.8	98	1.10	-0.002	.	.	8300	26	M	45.0	2610	-0.1	M
MOWY575R	29-37.0473-90.5252-4-52-000	7.4	171	1.20	0.079	.	.	15000	.	M	.	3270	-0.1	0.46
MOWY576R	29-36.9761-90.5755-4-52-000	7.3	438	1.80	0.174	.	65.0	18700	.	M	.	4490	0.3	0.40
MOWY577R	29-36.9686-90.6115-4-52-000	7.4	148	1.90	0.020	.	.	10800	129	M	31.0	5560	-0.1	0.14
MOWY578R	29-36.9673-90.6556-4-52-000	7.3	291	0.90	0.037	.	.	20500	.	M	62.0	11800	-0.1	0.13
MOWY579R	29-36.9892-90.6434-4-52-000	7.6	162	1.20	0.061	.	.	11800	9	M	.	3300	0.3	0.38
MOWY580R	29-37.0144-90.6506-4-52-000	7.5	109	1.00	0.020	.	.	16300	.	M	27.0	5210	-0.1	0.18
MOWY581R	29-37.0365-90.6764-4-52-000	7.3	356	1.50	0.107	.	30.0	9100	11	M	.	2900	0.2	0.30
MOWY582R	29-37.0093-90.7020-4-52-000	7.1	382	4.50	0.240	.	.	8500	.	M	97.0	1340	-0.1	0.63
MOWY583R	29-37.0516-90.6954-4-52-000	7.3	168	3.80	0.022	.	.	7100	36	M	.	1830	0.2	0.13
MOWY584R	29-37.0903-90.7371-4-52-000	7.3	323	2.50	0.251	.	.	12400	.	M	77.0	3680	-0.1	0.78
MOWY585R	29-37.0718-90.7457-4-52-000	7.4	239	2.60	0.032	.	29.0	7400	.	M	.	1920	-0.1	0.13

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- STATE OF MISSOURI
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
MOWY586R	29-37.0728-90.7074-4-52-000	7.1	585	2.40	0.712	.	.	34500	.	M	382.0	14810	-0.1	1.22
MOWY587R	29-37.0979-90.6796-4-52-000	7.8	203	4.50	0.048	.	.	6200	31	M	.	2070	-0.1	0.24
MOWY588R	29-37.1368-90.6882-4-52-000	7.4	420	4.10	0.350	.	.	11400	.	M	185.0	2250	-0.1	0.83
MOWY589R	29-37.1271-90.7444-4-52-000	7.8	241	3.60	0.143	.	.	7100	22	M	76.0	1900	0.3	0.59
MOWY590R	29-37.1919-90.5169-4-52-000	7.8	410	4.10	0.191	.	.	16200	.	M	.	M	0.2	0.47
MOWY591R	29-37.2666-90.4992-4-52-000	7.5	384	3.50	0.264	.	99.0	12900	93	M	.	12540	-0.1	0.69
MOWY592R	29-37.2845-90.5141-4-53-000	7.7	308	2.40	0.067	.	.	9100	.	M	71.0	3170	-0.1	0.22
MOWY593R	29-37.2238-90.5178-4-52-000	7.8	172	2.80	0.069	.	.	7800	23	M	.	2410	-0.1	0.40
MOWY594R	29-37.2224-90.5429-4-53-000	7.3	416	2.30	0.291	.	3897.0	12600	.	M	104.0	4730	-0.1	0.70
MOWY595R	29-37.2675-90.5597-4-53-000	7.4	163	3.50	0.022	.	52.0	11000	10	M	.	2720	-0.1	0.13
MOWY596R	29-37.2271-90.5687-4-52-000	7.0	580	1.70	0.258	.	.	18200	.	M	163.0	3520	-0.1	0.44
MOWY597R	29-37.1918-90.5576-4-52-000	7.3	341	5.30	0.179	.	63.0	9100	33	M	.	2940	-0.1	0.52
MOWY598R	29-37.1955-90.5862-4-52-000	7.4	386	2.70	0.115	.	.	14300	.	M	83.0	4360	-0.1	0.30
MOWY599R	29-37.2134-90.6212-4-53-000	7.6	100	3.20	0.026	.	.	9700	28	M	26.0	2540	-0.1	0.26
MOWY600R	29-37.1734-90.5914-4-52-000	7.1	620	1.30	0.290	.	.	17700	.	M	160.0	3310	-0.1	0.47
MOWY601R	29-37.2097-90.6491-4-52-000	7.5	410	4.30	0.163	.	27.0	8500	10	M	.	2000	-0.1	0.40
MOWY602R	29-37.1886-90.6223-4-53-000	7.6	300	3.90	0.160	.	.	12300	.	M	.	2430	-0.1	0.53
MOWY603R	29-37.1753-90.6586-4-52-000	7.6	365	2.60	0.096	.	88.0	13300	.	M	.	3840	-0.1	0.26
MOWY604R	29-37.1646-90.6988-4-52-000	7.5	431	2.30	0.099	.	.	8500	.	M	105.0	1580	-0.1	0.23
MOWY605R	29-37.1885-90.7048-4-52-000	7.6	446	4.00	0.243	.	.	9900	36	M	.	2900	-0.1	0.54
MOWY606R	29-37.2383-90.7016-4-52-000	7.7	189	4.10	0.023	.	.	10000	.	M	41.0	2930	-0.1	0.12
MOWY607R	29-37.2686-90.6660-4-52-000	7.7	270	2.00	0.088	.	47.0	7900	35	M	.	2110	0.4	0.33
MOWY608R	29-37.0651-90.5563-4-52-000	7.7	317	2.70	0.058	.	39.0	7800	.	M	.	2470	-0.1	0.18
MOWY609R	29-37.0591-90.5932-4-52-000	7.6	330	3.40	0.079	.	56.0	7700	.	M	.	2370	-0.1	0.24
MOWY610R	29-37.0804-90.6054-4-52-000	7.8	306	2.60	0.059	.	.	21300	.	M	46.0	8460	-0.1	0.19
MOWY611R	29-37.0977-90.6326-4-52-000	7.7	342	1.90	0.122	.	.	16300	.	M	92.0	4850	-0.1	0.36
MOWY612R	29-37.1348-90.6633-4-52-000	7.7	200	2.90	0.066	.	.	11300	.	M	40.0	1890	-0.1	0.33
MOWY613R	29-37.1377-90.5927-4-52-000	7.5	43	1.10	0.014	.	42.0	8700	.	M	15.0	2320	-0.1	0.33
MOWY614R	29-37.1372-90.5687-4-52-000	7.4	112	0.90	0.009	.	.	10700	.	M	.	2540	-0.1	0.08
MOWY615R	29-37.1266-90.5345-4-52-000	7.3	396	1.40	0.197	.	.	11400	15	M	117.0	3980	0.3	0.50
MOWY616R	29-37.1120-90.5149-4-52-000	7.6	323	3.00	0.062	.	.	7200	.	M	84.0	1720	-0.1	0.19

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L D E P T H	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P L E C O M	W E L L C L A S S	W E L L D E P T H	
MOBA501R	215	-0.001	7/30/78	350	20	1	1	8	1	1	1	1	1	4	1	1	400
MOBA502R	230	-0.001	7/30/78	350	25	2	1	999	1	4	1	1	1	3	4	1	0
MOBA503R	176	-0.001	7/30/78	350	19	1	1	10	1	1	1	1	1	1	1	9	475
MOBA504R	348	-0.001	7/30/78	350	23	1	1	10	1	1	1	1	1	1	1	1	450
MOBA505R	392	-0.001	7/30/78	350	23	1	1	2	1	1	1	1	1	3	1	1	200
MOBA506R	179	-0.001	7/30/78	350	24	1	1	10	1	1	1	1	1	1	1	1	515
MOBA507R	170	-0.001	7/30/78	350	24	1	1	17	1	1	1	1	1	1	1	1	175
MOBA508R	375	-0.001	7/30/78	350	20	1	1	15	2	1	1	1	1	6	1	1	400
MOBA509R	199	-0.001	7/30/78	350	17	2	1	999	1	4	1	1	1	7	4	1	0
MOBA510R	391	-0.001	7/30/78	350	24	1	1	17	1	1	1	1	1	3	1	1	120
MOBA511R	380	-0.001	7/30/78	350	27	1	1	10	1	1	1	1	1	1	1	1	120
MOBA512R	198	-0.001	7/30/78	350	25	1	2	20	3	1	1	1	1	6	3	1	270
MOBA513R	199	-0.001	7/30/78	350	21	2	1	999	1	4	1	1	1	3	4	1	0
MOBA514R	216	-0.001	8/ 2/78	350	24	1	1	2	1	1	1	1	1	3	3	1	400
MOBA515R	150	-0.001	8/ 2/78	350	17	1	1	18	1	1	1	1	1	6	1	1	290
MOBA516R	204	-0.001	8/ 2/78	350	19	1	1	18	1	1	1	1	1	1	1	1	346
MOBA517R	200	-0.001	8/ 2/78	350	18	1	1	5	1	1	1	1	1	3	1	1	78
MOBA518R	184	-0.001	8/ 2/78	350	20	1	1	10	2	1	1	1	1	1	1	1	338
MOBA519R	160	-0.001	8/ 2/78	350	24	1	2	12	1	1	1	1	1	1	1	1	180
MOBA520R	468	-0.001	8/ 2/78	350	21	1	3	11	1	1	1	1	1	1	1	1	260
MOBA521R	248	-0.001	8/ 2/78	350	24	1	1	3	1	1	1	1	1	1	1	1	385
MOBA522R	188	-0.001	8/ 2/78	350	18	1	1	15	1	1	1	1	1	1	1	1	200
MOBA523R	457	-0.001	8/ 2/78	350	23	1	1	20	1	1	1	1	1	1	1	1	300
MOBA524R	376	-0.001	8/ 2/78	350	24	1	1	20	1	1	1	1	1	1	3	1	185
MOBA525R	181	-0.001	8/ 3/78	350	16	1	1	13	1	1	1	1	1	1	1	1	120
MOBA526R	197	-0.001	8/ 3/78	350	20	1	1	20	2	2	1	1	1	6	1	1	130
MOBA527R	173	-0.001	8/ 3/78	350	18	1	2	4	1	1	1	1	1	3	1	1	110
MOBA528R	202	-0.001	8/ 3/78	350	23	1	3	15	2	1	1	1	1	6	3	1	150
MOBA529R	173	-0.001	8/ 5/78	350	19	1	3	50	1	1	1	1	1	6	1	1	75
MOBA530R	176	-0.001	8/ 5/78	350	22	1	1	3	1	1	1	1	1	3	3	1	645
MOBA531R	191	-0.001	8/ 5/78	350	19	1	1	8	1	1	1	1	1	1	1	1	245
MOBA532R	173	-0.001	8/ 5/78	350	20	1	1	13	1	1	1	1	1	1	1	1	404
MOBA533R	83	-0.001	8/ 5/78	350	22	1	5	20	1	1	1	1	1	6	3	1	U
MOBA534R	208	-0.001	8/ 5/78	350	19	1	1	65	1	1	1	1	1	6	3	1	60
MOBA535R	203	-0.001	8/ 6/78	350	19	1	1	1	1	1	1	1	1	1	1	1	285
MOBA536R	202	-0.001	8/ 6/78	350	19	1	5	2	1	1	1	1	1	6	3	1	U
MOBA537R	190	-0.001	8/ 6/78	350	21	1	1	60	2	1	1	1	1	4	1	1	350
MOBA538R	172	-0.001	7/29/78	349	19	1	1	2	1	1	1	1	1	1	1	1	454
MOBA539R	195	-0.001	7/29/78	349	18	1	1	20	4	1	1	1	1	1	7	1	138
MOBA540R	191	-0.001	7/29/78	349	19	1	1	3	1	1	1	1	1	1	7	1	220
MOBA541R	165	-0.001	7/29/78	349	20	1	5	U	5	1	1	1	1	1	1	1	U
MOBA542R	175	-0.001	7/29/78	349	19	1	1	3	1	1	1	1	1	1	7	1	100
MOBA543R	165	-0.001	7/29/78	349	19	1	1	40	2	1	1	1	1	1	1	1	125
MOBA544R	172	-0.001	7/29/78	349	21	1	1	4	1	1	1	1	1	1	7	1	110
MOBA545R	204	-0.001	7/29/78	349	24	1	1	30	4	1	1	1	1	3	3	1	150
MOBA546R	192	-0.001	7/29/78	349	21	1	1	15	1	1	1	1	1	1	7	1	140
MOBA547R	191	-0.001	7/29/78	349	21	1	2	40	1	1	1	1	1	1	7	1	1000
MOBA548R	159	-0.001	7/29/78	349	25	1	1	32	1	1	1	1	1	1	7	1	550
MOBA549R	170	-0.001	7/29/78	349	18	1	1	4	1	1	1	1	1	1	1	1	155
MOBA550R	166	-0.001	7/29/78	349	19	1	5	8	4	1	1	1	1	1	7	1	U

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R I N G	D E P T H C O N D	A G E	A G E C O N T R O L L E D	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E C O M P O S	W E L L C L A S S	W E L L D E P T H
MOBA551R	151	-0.001	7/29/78	349	18	1	1	25	1	1	1	1	1	1	1	600
MOBA552R	165	-0.001	7/29/78	349	25	1	1	10	4	1	1	1	1	6	7	400
MOBA553R	168	-0.001	7/29/78	349	20	1	1	1	1	1	1	1	1	3	1	250
MOBA554R	193	-0.001	7/29/78	349	20	1	1	74	1	1	1	1	1	1	7	140
MOBA555R	132	-0.001	7/29/78	349	20	1	1	16	1	1	1	1	1	1	7	410
MOBA556R	155	-0.001	7/29/78	349	19	1	1	12	1	1	1	1	1	1	1	400
MOBA557R	132	-0.001	7/29/78	349	21	1	2	15	1	1	1	1	1	1	1	260
MOBA558R	100	-0.001	7/29/78	349	19	2	1	999	1	4	1	1	1	1	2	0
MOBA559R	150	-0.001	7/29/78	349	22	1	1	100	4	1	1	1	1	1	7	90
MOBA560R	188	-0.001	7/29/78	349	20	1	1	58	1	1	1	1	1	1	1	145
MOBA561R	161	-0.001	7/31/78	349	16	1	1	15	2	1	1	1	1	1	7	270
MOBA562R	146	-0.001	7/31/78	349	20	1	5	40	2	1	1	1	1	6	7	U
MOBA563R	75	-0.001	7/31/78	349	20	1	5	16	4	1	1	1	1	6	7	U
MOBA564R	87	-0.001	7/31/78	349	21	1	1	50	1	1	1	1	1	3	1	110
MOBA565R	139	-0.001	7/31/78	349	19	1	1	12	2	1	1	1	1	1	1	400
MOBA566R	220	-0.001	7/31/78	349	21	1	2	34	4	1	1	1	1	1	1	120
MOBA567R	184	-0.001	7/31/78	349	22	1	5	20	4	1	1	1	1	1	7	U
MOBA568R	184	-0.001	7/31/78	349	21	1	2	U	5	1	1	1	1	1	1	75
MOBA569R	181	0.020	7/31/78	349	22	1	1	1	1	1	1	1	1	1	7	285
MOBA570R	282	-0.001	7/31/78	349	24	1	1	50	2	1	1	1	1	3	7	145
MOBA571R	183	-0.001	7/31/78	349	20	1	1	1	1	1	1	1	1	1	2	205
MOBA572R	179	-0.001	7/31/78	349	22	1	5	50	3	1	1	1	1	6	1	U
MOBA573R	174	-0.001	7/31/78	349	21	1	1	U	5	1	1	1	1	1	7	135
MOBA574R	187	-0.001	7/31/78	349	22	1	1	1	1	1	1	1	1	1	7	510
MOBA575R	170	-0.001	7/31/78	349	18	1	1	13	1	1	1	1	1	1	2	255
MOBA576R	168	-0.001	7/31/78	349	18	1	5	48	2	1	1	1	1	1	7	150
MOBA577R	152	-0.001	8/ 1/78	349	16	1	1	1	1	1	1	1	1	6	7	434
MOBA578R	179	-0.001	8/ 1/78	349	21	1	4	16	4	1	1	1	1	1	7	100
MOBA579R	172	-0.001	7/25/78	352	24	1	1	7	1	1	1	1	1	1	7	455
MOBA580R	183	-0.001	7/25/78	352	23	1	1	3	1	1	1	1	1	3	7	769
MOBA581R	175	-0.001	7/25/78	352	24	1	2	100	3	1	1	1	1	3	7	35
MOBA582R	267	-0.001	7/25/78	352	23	2	1	999	1	4	1	1	1	3	7	0
MOBA583R	373	-0.001	7/25/78	352	17	1	2	60	2	1	1	1	1	1	4	30
MOBA584R	216	-0.001	7/25/78	352	20	1	1	90	2	1	1	1	1	3	1	40
MOBA585R	216	-0.001	7/25/78	352	19	1	1	20	3	1	1	1	1	3	1	650
MOBA586R	218	-0.001	7/26/78	352	21	1	2	15	3	1	1	1	1	1	7	380
MOBA587R	331	-0.001	7/26/78	352	22	1	1	5	1	1	1	1	1	1	1	279
MOBA588R	178	0.020	7/26/78	352	22	1	2	10	2	1	1	1	1	6	7	550
MOBA589R	270	-0.001	7/26/78	352	23	1	1	U	5	1	1	1	1	1	7	30
MOBA590R	195	-0.001	7/26/78	352	24	1	2	5	2	1	1	1	1	6	7	650
MOBA591R	207	-0.001	7/26/78	352	20	1	1	4	2	1	1	1	1	6	7	375
MOBA592R	264	-0.001	7/26/78	352	20	1	2	40	3	1	1	1	1	6	1	160
MOBA593R	189	-0.001	7/26/78	352	19	1	1	50	3	1	1	1	1	1	1	127
MOBA594R	180	-0.001	7/26/78	352	21	1	2	10	1	1	1	1	1	1	7	465
MOBA595R	211	-0.001	7/27/78	352	22	2	1	999	1	4	1	1	1	3	7	0
MOBA596R	140	-0.001	7/27/78	352	19	1	1	5	1	1	2	1	1	1	1	147
MOBA597R	95	-0.001	7/27/78	352	24	1	3	40	3	1	1	1	1	1	7	150
MOBA598R	289	-0.001	7/27/78	352	25	2	1	999	1	4	1	1	1	3	7	0
MOBA599R	341	0.020	7/27/78	352	29	2	1	999	1	4	1	1	1	7	4	0
MOBA600R	334	-0.001	7/27/78	352	25	2	1	999	1	4	1	1	1	3	7	0

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

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SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L O R D	P I P E C O M	W E L L C O C L A S S	W E L L D E P T H	
MOBA601R	510	0.010	7/27/78	352	22	2	1	999	1	4	1	1	1	3	7	1	0
MOBA602R	184	0.010	7/27/78	352	21	1	1	20	2	1	1	1	1	1	7	1	150
MOBA603R	160	-0.001	7/27/78	352	19	1	1	20	2	1	1	1	1	1	1	1	210
MOBA604R	190	-0.001	7/27/78	352	18	1	1	1	1	1	1	1	1	1	7	1	480
MOBA605R	270	0.010	7/27/78	352	19	1	5	U	5	1	1	1	1	6	7	1	U
MOBA606R	201	-0.001	7/27/78	352	20	1	1	5	1	1	1	1	1	1	7	1	480
MOBA607R	175	-0.001	7/27/78	352	23	1	3	10	2	1	1	1	1	1	7	1	400
MOBA608R	226	-0.001	7/28/78	352	16	2	1	999	1	4	4	1	1	6	4	6	0
MOBA609R	526	-0.001	7/28/78	352	25	1	2	30	2	2	1	1	1	3	7	1	30
MOBA610R	97	-0.001	7/28/78	352	22	1	5	U	5	1	1	1	1	6	7	1	U
MOBA611R	146	-0.001	7/28/78	352	21	1	5	U	5	1	1	1	1	6	7	1	U
MOBA612R	191	-0.001	7/28/78	352	18	1	2	25	2	1	1	1	3	3	7	1	125
MOBA613R	212	-0.001	7/28/78	352	28	2	1	999	1	4	1	1	1	3	7	1	0
MOBA614R	196	-0.001	7/28/78	352	19	1	1	13	1	1	1	1	1	1	7	1	402
MOBA615R	200	-0.001	7/28/78	352	23	1	1	75	4	2	1	1	1	1	7	1	25
MOBA616R	274	-0.001	7/28/78	352	18	2	1	999	1	4	1	1	1	7	4	1	0
MOBA617R	165	-0.001	7/28/78	352	18	1	1	8	1	1	1	1	3	6	1	1	480
MOBA618R	193	-0.001	7/28/78	352	24	1	5	U	5	1	1	1	1	6	7	1	U
MOBA619R	190	-0.001	7/27/78	351	19	1	1	23	1	1	1	1	1	1	7	1	357
MOBA620R	384	-0.001	7/27/78	351	19	1	1	12	1	1	1	1	1	1	7	1	750
MOBA621R	200	-0.001	7/28/78	351	21	1	1	19	1	1	1	1	1	6	7	2	550
MOBA622R	378	-0.001	7/28/78	351	16	1	1	30	2	1	1	1	1	1	1	1	367
MOBA623R	407	-0.001	7/28/78	351	17	1	1	16	1	1	1	1	1	1	7	1	431
MOBA624R	344	-0.001	7/28/78	351	19	1	1	15	2	1	1	1	1	3	7	1	50
MOBA625R	302	-0.001	7/28/78	351	18	1	5	15	3	1	1	1	1	6	7	1	U
MOBA626R	350	-0.001	7/28/78	351	20	1	1	7	2	1	1	1	1	6	7	3	650
MOBA627R	286	-0.001	7/28/78	351	20	1	1	9	2	1	1	1	1	1	1	1	201
MOBA628R	74	-0.001	7/28/78	351	18	1	3	25	2	1	1	1	1	1	1	1	180
MOBA629R	286	-0.001	7/28/78	351	20	1	1	15	2	1	1	1	1	1	7	2	420
MOBA630R	178	-0.001	7/28/78	351	20	1	1	5	1	1	1	1	1	1	7	1	285
MOBA631R	241	-0.001	7/28/78	351	25	2	1	999	1	4	1	1	1	3	7	1	0
MOBA632R	419	-0.001	7/28/78	351	19	1	1	25	2	1	1	1	1	1	7	1	200
MOBA633R	214	-0.001	7/29/78	351	18	1	1	5	1	1	1	1	1	1	7	1	630
MOBA634R	351	-0.001	7/29/78	351	19	1	1	3	1	1	1	1	1	1	7	1	649
MOBA635R	216	-0.001	7/29/78	351	18	1	3	4	2	1	1	1	1	6	7	1	300
MOBA636R	201	-0.001	7/29/78	351	19	1	1	8	1	1	1	1	1	6	7	1	192
MOBA637R	202	-0.001	7/29/78	351	20	2	1	999	1	4	1	1	1	7	4	9	0
MOBA638R	194	0.010	7/29/78	351	20	1	2	4	1	1	1	1	1	1	7	1	400
MOBA639R	438	-0.001	7/29/78	351	18	1	1	2	1	1	1	1	1	6	7	1	846
MOBA640R	196	0.010	7/29/78	351	17	1	1	5	1	1	1	1	1	1	2	1	576
MOBA641R	221	-0.001	7/31/78	351	22	1	5	U	5	1	1	1	1	6	1	1	U
MOBA642R	426	-0.001	7/31/78	351	18	1	1	30	2	1	1	1	1	3	7	1	175
MOBA643R	195	-0.001	7/31/78	351	18	1	5	U	5	1	1	1	1	6	2	1	U
MOBA644R	366	-0.001	7/31/78	351	19	1	5	U	5	1	1	1	1	6	7	1	U
MOBA645R	173	-0.001	7/31/78	351	18	1	4	15	2	1	1	1	1	3	7	1	125
MOBA646R	201	-0.001	7/31/78	351	18	1	1	1	1	1	1	1	1	1	7	1	279
MOBA647R	372	-0.001	7/31/78	351	20	1	1	8	1	1	1	1	1	1	1	1	230
MOBA648R	392	-0.001	7/31/78	351	22	1	3	90	2	1	1	1	1	1	1	1	400
MOBA649R	259	-0.001	7/31/78	351	27	1	1	25	2	1	1	1	1	1	7	1	421
MOBA650R	214	-0.001	7/31/78	351	19	1	5	17	2	1	1	1	1	6	7	2	U

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L T R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E C O M P	W E L L C O L L A S S	W E L L D E P T H	
MOBA651R	225	-0.001	7/31/78	351	19	1	1	12	2	1	1	1	1	1	1	387	
MOBA652R	254	-0.001	7/31/78	351	20	1	2	30	2	1	1	1	1	3	7	5	300
MOBA653R	209	-0.001	7/31/78	351	18	1	1	14	2	1	1	1	1	1	1	496	
MOBA654R	189	-0.001	7/31/78	351	18	1	1	2	1	1	1	1	1	1	7	1	205
MOBA655R	362	-0.001	7/31/78	351	18	1	1	8	2	1	1	1	1	6	7	1	180
MOBA656R	201	-0.001	7/31/78	351	20	1	1	10	1	1	1	1	1	1	1	1	307
MOBA657R	200	-0.001	7/31/78	351	14	2	1	999	1	4	4	1	1	7	4	9	0
MOBL501R	30	-0.001	5/24/78	295	19	1	1	1	1	1	3	5	2	4	7	7	114
MOBL502R	30	-0.001	5/24/78	295	18	1	1	1	1	1	1	1	4	3	1	1	58
MOBL503R	61	-0.001	5/24/78	295	20	1	3	12	2	3	1	1	4	1	7	1	35
MOBL504R	65	-0.001	5/24/78	295	20	1	1	14	1	1	1	1	1	1	7	1	142
MOBL505R	48	-0.001	5/24/78	295	18	1	1	6	1	1	1	1	1	6	7	1	127
MOBL506R	50	-0.001	5/24/78	295	22	1	1	15	3	1	1	1	1	3	7	1	140
MOBL507R	50	-0.001	5/24/78	295	18	1	2	3	1	1	1	1	1	3	7	1	190
MOBL508R	56	-0.001	5/24/78	295	18	1	2	1	1	1	1	1	1	6	1	1	255
MOBL509R	32	-0.001	5/24/78	295	16	2	1	999	1	4	1	1	1	7	4	1	0
MOBL510R	22	-0.001	5/24/78	295	17	1	5	50	3	1	1	1	1	6	7	2	U
MOBL511R	27	-0.001	5/25/78	295	18	1	1	41	1	1	1	1	1	1	7	1	70
MOBL512R	49	-0.001	5/25/78	295	21	1	5	20	3	1	1	1	1	3	7	1	U
MOBL513R	55	-0.001	5/25/78	295	18	1	2	1	1	1	1	1	1	6	7	1	300
MOBL514R	63	-0.001	5/25/78	295	19	1	5	15	1	1	1	1	1	6	7	1	U
MOBL515R	36	-0.001	5/25/78	295	19	1	5	30	4	4	1	1	1	6	7	1	U
MOBL516R	23	-0.001	5/25/78	295	18	1	2	60	3	2	1	1	1	1	7	1	20
MOBL517R	56	-0.001	5/25/78	295	17	2	1	999	1	4	1	1	1	7	4	1	0
MOBL518R	31	-0.001	5/25/78	295	21	1	2	5	2	1	1	1	1	1	7	1	125
MOBL519R	22	-0.001	5/25/78	295	21	1	2	10	2	1	1	1	1	1	7	1	250
MOBL520R	24	-0.001	5/25/78	295	18	1	4	8	2	1	1	1	1	6	7	1	100
MOBL521R	23	-0.001	5/25/78	295	18	1	1	18	2	1	1	1	1	3	1	1	86
MOBL522R	16	-0.001	5/25/78	295	22	1	1	U	5	2	1	1	1	6	7	1	14
MOBL523R	20	-0.001	5/25/78	295	20	1	2	10	4	1	1	1	1	3	7	1	110
MOBL524R	32	-0.001	5/25/78	295	18	1	1	6	1	1	1	1	1	1	7	1	157
MOBL525R	25	-0.001	5/25/78	295	18	1	2	U	5	1	1	1	1	1	7	1	200
MOBL526R	18	-0.001	5/26/78	295	18	1	2	20	2	4	4	3	4	1	1	1	90
MOBL527R	26	-0.001	5/26/78	295	19	1	1	18	2	1	1	1	1	4	1	1	105
MOBL528R	45	-0.001	5/26/78	295	20	1	1	30	1	3	1	1	4	1	7	1	28
MOBL529R	35	-0.001	5/26/78	295	19	1	3	8	3	1	1	1	4	6	1	1	100
MOBL530R	20	-0.001	5/26/78	295	23	1	5	4	2	4	1	1	1	6	7	1	U
MOBL531R	53	-0.001	5/26/78	295	23	1	2	8	3	1	1	1	1	3	7	1	245
MOBL532R	22	-0.001	5/26/78	295	20	1	1	11	2	1	1	1	1	1	1	1	160
MOBL533R	50	-0.001	5/26/78	295	16	1	2	24	1	2	1	1	1	1	1	1	80
MOBL534R	26	-0.001	5/26/78	295	19	1	1	2	1	1	1	1	1	3	7	1	110
MOBL535R	16	-0.001	5/26/78	295	20	1	1	1	1	1	1	1	4	3	1	1	148
MOBL536R	25	-0.001	5/22/78	295	18	1	2	25	2	1	1	1	1	1	7	1	90
MOBL537R	18	-0.001	5/22/78	295	17	1	3	24	3	1	4	1	1	1	7	1	120
MOBL538R	16	-0.001	5/22/78	295	19	1	2	20	2	1	1	1	1	3	7	1	65
MOBL539R	23	-0.001	5/22/78	295	18	1	1	14	2	1	1	1	1	3	7	1	90
MOBL540R	29	-0.001	5/22/78	295	18	1	1	25	2	3	1	1	1	1	1	1	20
MOBL541R	20	-0.001	5/22/78	295	18	1	1	2	1	1	1	1	1	3	1	1	33
MOBL542R	48	-0.001	5/22/78	295	18	1	4	25	1	3	1	1	1	1	7	1	75
MOBL543R	34	-0.001	5/22/78	295	20	1	1	50	2	3	1	1	1	1	7	1	17

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L L O O D O R P	P I P E C O M P	W E L L C L A S S	W E L L D E P T H	
MOBL544R	36	-0.001	5/22/78	295	19	1	1	75	2	1	1	1	1	3	1	1	50
MOBL545R	51	-0.001	5/22/78	295	17	1	1	4	1	1	1	1	1	1	3	1	19
MOBL546R	25	-0.001	5/22/78	295	18	1	2	12	1	1	1	1	1	1	1	1	15
MOBL547R	32	-0.001	5/22/78	295	22	1	5	U	5	1	1	1	2	6	7	1	U
MOBL548R	46	-0.001	5/22/78	295	21	1	1	10	1	1	1	1	4	1	7	1	20
MOBL549R	54	-0.001	5/22/78	295	17	1	2	40	2	3	4	6	1	1	3	1	20
MOBL550R	33	-0.001	5/22/78	295	17	1	2	17	1	1	4	3	1	1	7	1	25
MOBL551R	13	-0.001	5/22/78	295	16	1	3	4	1	1	1	1	1	3	3	1	100
MOBL552R	32	-0.001	5/23/78	295	18	1	2	60	2	3	1	1	2	1	3	1	30
MOBL553R	23	-0.001	5/23/78	295	18	1	1	6	1	3	1	1	1	3	7	1	14
MOBL554R	32	-0.001	5/23/78	295	17	1	2	11	2	3	1	1	1	1	1	1	16
MOBL555R	38	-0.001	5/23/78	295	18	1	1	15	1	3	1	1	1	1	7	1	18
MOBL556R	77	-0.001	5/23/78	295	18	1	1	1	1	3	1	1	1	1	7	1	17
MOBL557R	93	-0.001	5/23/78	295	17	1	1	7	1	3	1	1	2	1	1	1	31
MOBL558R	119	-0.001	5/23/78	295	19	1	1	3	1	1	1	1	2	3	2	1	70
MOBL559R	102	-0.001	5/23/78	295	18	1	1	2	1	3	4	3	4	1	3	1	17
MOBL560R	57	-0.001	5/23/78	295	20	1	1	15	1	1	4	2	4	1	1	1	28
MOBL561R	72	-0.001	5/23/78	295	20	1	5	17	1	3	1	1	1	6	7	1	U
MOBL562R	66	-0.001	5/23/78	295	20	1	2	1	1	1	1	1	4	3	2	1	86
MOBL563R	120	-0.001	5/23/78	295	20	1	5	U	5	4	1	1	4	3	2	1	U
MOBL564R	62	-0.001	5/23/78	295	20	1	3	25	2	3	1	1	4	1	7	1	40
MOBL565R	63	-0.001	5/23/78	295	19	1	4	38	2	3	2	1	4	1	3	1	80
MOBL566R	31	-0.001	5/23/78	295	23	1	2	8	1	3	4	6	4	1	1	1	60
MOBL567R	22	0.040	5/23/78	295	21	1	4	28	2	3	4	3	1	1	1	1	50
MOBL568R	27	-0.001	5/24/78	295	18	1	5	1	1	3	1	1	4	6	7	1	U
MOBL569R	18	-0.001	5/24/78	295	23	1	1	10	1	3	1	1	4	4	7	1	27
MOBL570R	20	-0.001	5/24/78	295	22	1	1	3	1	3	4	2	4	1	1	1	27
MOBL571R	22	-0.001	5/24/78	295	18	1	1	1	1	4	1	1	1	3	7	1	40
MOBL572R	29	-0.001	5/24/78	295	18	1	5	U	5	3	1	1	4	1	1	1	U
MOBL573R	87	-0.001	5/24/78	295	20	1	2	10	2	3	2	1	4	1	3	1	30
MOBL574R	33	-0.001	5/24/78	295	19	1	2	10	2	3	1	1	1	1	1	1	20
MOBL575R	25	-0.001	5/24/78	295	19	1	1	1	1	1	1	1	4	3	1	1	26
MOBL576R	39	-0.001	6/23/78	366	18	1	1	4	1	2	3	5	1	4	3	1	130
MOBL577R	38	-0.001	6/23/78	366	20	1	2	16	2	3	2	3	1	4	7	1	40
MOBL578R	91	-0.001	6/23/78	366	18	1	2	30	2	3	1	1	1	1	1	1	32
MOBL579R	53	-0.001	6/23/78	366	20	1	3	20	1	3	1	1	1	1	1	1	32
MOBL580R	706	8.370	6/23/78	366	17	1	3	U	5	2	4	6	1	7	4	1	15
MOBL581R	326	-0.001	6/23/78	366	18	1	1	16	1	1	1	1	1	1	3	1	204
MOBL582R	125	-0.001	6/23/78	366	28	1	5	40	2	1	1	1	1	3	1	1	U
MOBL583R	158	-0.001	6/23/78	366	18	1	1	3	1	3	1	1	1	1	7	1	22
MOBL584R	108	-0.001	6/23/78	366	17	1	5	U	5	3	1	1	1	1	7	1	U
MOBL585R	66	0.070	6/23/78	366	18	1	2	15	1	3	1	1	1	1	7	5	30
MOBL586R	73	-0.001	6/23/78	366	17	1	1	4	1	3	1	1	1	1	1	1	35
MOBL587R	40	-0.001	6/23/78	366	18	1	5	U	5	3	1	1	1	1	7	1	U
MOBL588R	34	-0.001	6/23/78	366	19	1	1	25	2	3	1	1	1	1	7	1	20
MOBL589R	28	-0.001	6/23/78	366	21	1	2	12	1	3	1	1	1	1	1	1	29
MOBL590R	66	-0.001	6/24/78	354	20	1	2	6	1	3	1	1	3	1	1	1	55
MOBL591R	56	-0.001	6/24/78	354	20	1	1	4	1	3	1	1	3	1	1	1	30
MOBL592R	34	-0.001	6/24/78	354	19	1	5	U	5	3	1	1	3	1	1	1	U
MOBL593R	44	-0.001	6/24/78	354	21	1	1	2	1	1	1	1	2	3	1	1	98

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E C O M P	W E L L C L A S S	W E L L D E P T H	
MOB0511R	388	-0.001	11/28/78	386	13	2	1	999	1	4	1	1	1	7	4	1	0
MOB0512R	63	-0.001	11/28/78	386	12	1	3	4	3	1	1	1	1	7	7	1	190
MOB0513R	28	-0.001	11/28/78	386	14	1	3	6	2	1	1	1	1	6	1	1	119
MOB0514R	82	-0.001	11/28/78	386	16	1	1	32	1	1	1	1	1	3	7	1	190
MOB0515R	23	-0.001	11/28/78	386	11	1	2	6	1	1	1	1	1	3	7	1	300
MOB0516R	48	-0.001	11/28/78	386	12	1	3	30	3	1	1	1	1	3	7	1	180
MOB0517R	32	-0.001	11/28/78	386	16	1	3	28	2	1	1	1	1	6	7	1	100
MOB0518R	26	-0.001	11/28/78	386	14	1	1	8	1	1	1	1	1	3	7	1	280
MOB0519R	16	-0.001	11/28/78	386	12	1	1	10	2	1	1	1	1	7	7	1	196
MOB0520R	61	-0.001	11/28/78	386	16	1	2	15	2	1	1	1	1	7	7	1	200
MOB0521R	34	-0.001	11/28/78	386	15	1	1	20	3	1	1	1	1	6	7	1	320
MOB0522R	35	-0.001	11/28/78	386	13	1	1	3	1	1	1	1	1	7	7	1	300
MOB0523R	40	-0.001	11/29/78	386	16	1	1	10	2	1	1	1	1	7	7	1	375
MOB0524R	54	-0.001	11/29/78	386	16	1	1	12	1	1	1	1	1	6	7	1	98
MOB0525R	25	-0.001	11/29/78	386	15	1	1	5	1	1	1	1	1	3	1	1	105
MOB0526R	35	-0.001	11/29/78	386	15	1	2	10	2	1	1	1	1	1	1	1	230
MOB0527R	110	-0.001	11/29/78	386	14	1	2	6	1	1	1	1	1	6	7	1	180
MOB0528R	24	-0.001	11/29/78	386	14	1	1	7	1	1	1	1	1	1	7	1	195
MOB0529R	61	-0.001	11/30/78	386	11	1	1	9	1	1	1	1	1	1	7	1	220
MOB0530R	24	-0.001	11/30/78	386	11	1	3	18	2	1	1	1	1	6	1	1	300
MOB0531R	31	-0.001	11/30/78	386	15	1	4	15	3	1	1	1	1	3	7	1	500
MOB0532R	28	-0.001	11/30/78	386	12	1	1	4	1	1	1	1	1	6	7	1	162
MOB0533R	24	-0.001	11/30/78	386	11	1	1	10	1	1	1	1	1	1	7	1	285
MOB0534R	78	-0.001	11/30/78	386	12	1	2	10	2	1	1	1	1	1	1	1	210
MOB0535R	67	-0.001	11/30/78	386	16	1	2	5	1	1	1	1	1	7	7	1	100
MOB0536R	25	-0.001	11/30/78	386	14	1	1	6	1	1	1	1	1	3	7	1	423
MOB0537R	35	-0.001	11/30/78	386	13	1	2	11	1	1	1	1	1	1	7	1	200
MOB0538R	40	-0.001	11/30/78	386	14	1	1	17	1	1	1	1	1	1	7	1	332
MOB0539R	17	-0.001	11/30/78	386	13	1	2	7	2	1	1	1	1	3	7	1	365
MOB0540R	13	-0.001	11/30/78	386	14	1	4	2	1	1	1	1	1	6	7	1	200
MOB0541R	29	-0.001	11/30/78	386	12	1	1	12	1	1	1	1	1	3	7	1	76
MOB0542R	47	-0.001	11/30/78	386	17	1	5	7	2	1	1	1	1	6	7	1	U
MOB0543R	32	-0.001	11/30/78	386	13	1	5	4	1	1	1	1	1	6	7	1	U
MOB0544R	27	-0.001	11/30/78	386	12	1	1	1	1	1	1	1	1	3	7	1	155
MOB0545R	32	-0.001	11/30/78	386	10	1	3	15	3	1	1	1	1	1	7	1	225
MOB0546R	64	-0.001	11/30/78	386	18	1	2	75	2	2	1	1	1	3	7	1	35
MOB0547R	28	-0.001	11/30/78	386	15	1	2	4	2	1	1	1	1	3	7	1	200
MOB0548R	37	-0.001	11/30/78	386	15	1	4	30	2	1	1	1	1	1	1	1	2500
MOB0549R	29	-0.001	11/30/78	386	14	1	5	15	2	1	1	1	1	6	7	1	U
MOB0550R	24	-0.001	11/30/78	386	15	1	2	8	1	1	1	1	1	3	7	1	77
MOB0551R	34	-0.001	11/30/78	386	14	1	1	13	1	1	1	1	1	7	7	1	168
MOB0552R	46	-0.001	12/ 1/78	386	12	1	2	15	3	1	1	1	1	7	7	1	150
MOB0553R	15	-0.001	12/ 1/78	386	13	1	5	5	1	1	1	1	1	3	7	1	U
MOB0554R	18	-0.001	12/ 1/78	386	11	1	2	40	2	1	1	1	1	7	7	1	118
MOB0555R	25	-0.001	12/ 1/78	386	15	1	1	10	2	1	1	1	1	7	7	1	270
MOB0556R	33	-0.001	12/ 1/78	386	14	1	5	11	2	1	1	1	1	6	1	1	U
MOB0557R	39	-0.001	12/ 1/78	386	12	1	3	3	1	1	2	1	1	6	7	1	325
MOB0558R	33	-0.001	12/ 1/78	386	15	1	2	1	1	1	1	1	1	3	7	1	220
MOB0559R	29	-0.001	12/ 1/78	386	14	1	5	3	1	1	1	1	1	7	7	1	U
MOB0560R	31	-0.001	12/ 1/78	386	12	1	2	1	1	1	1	1	1	6	7	1	380

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	H A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L L O D O R	P L E C O M	W E L L C O C A S E	W E L L D E P T H	
MC90561R	15	-0.001	12/ 1/78	386	20	1	1	24	1	1	1	1	1	3	7	1	103
MOB0562R	27	-0.001	12/ 1/78	386	12	1	5	5	2	1	1	1	1	6	7	1	U
MOB0563R	25	-0.001	12/ 1/78	386	16	1	1	14	2	1	1	1	1	7	7	1	285
MOB0564R	36	-0.001	12/ 1/78	386	15	1	2	10	2	1	1	1	1	1	7	1	1000
MOB0565R	190	-0.001	12/ 1/78	386	16	1	2	75	2	2	1	1	1	7	7	1	25
MOB0566R	19	-0.001	12/ 1/78	386	15	1	1	24	1	1	1	1	1	7	7	1	76
MOB0567R	33	-0.001	12/ 1/78	386	18	1	1	9	1	1	1	1	1	1	7	1	307
MOB0568R	30	-0.001	12/ 3/78	386	13	1	4	12	2	1	1	1	1	1	7	1	225
MOB0569R	22	-0.001	12/ 3/78	386	18	1	5	17	2	1	1	1	1	6	7	1	U
MOB0570R	16	-0.001	12/ 3/78	386	11	1	2	25	2	1	1	1	1	3	7	1	90
MOB0571R	28	-0.001	12/ 3/78	386	17	1	1	21	1	1	1	1	1	7	7	1	190
MOB0572R	35	-0.001	12/ 3/78	386	15	1	1	7	2	1	1	1	1	1	7	1	345
MOB0573R	28	-0.001	12/ 3/78	386	11	1	1	9	2	1	1	1	1	7	7	1	116
MOB0574R	29	-0.001	12/ 3/78	386	15	1	1	15	2	1	1	1	1	1	1	1	250
MOB0575R	19	-0.001	12/ 3/78	386	16	1	1	24	1	1	1	1	1	4	4	7	1800
MOB0576R	21	-0.001	12/ 3/78	386	14	1	1	17	2	1	1	1	1	7	7	1	115
MOB0577R	26	-0.001	12/ 3/78	386	15	1	2	80	2	2	1	1	1	1	7	1	50
MOB0578R	24	-0.001	12/ 3/78	386	13	1	2	4	2	1	1	1	1	3	7	1	120
MOB0579R	23	-0.001	12/ 3/78	386	13	1	1	4	1	1	1	1	1	7	7	1	220
MOB0580R	31	-0.001	12/ 3/78	386	18	1	1	2	1	1	1	1	1	3	7	1	145
MOB0581R	38	-0.001	12/ 3/78	386	13	1	1	4	1	1	1	1	1	1	7	1	153
MOB0582R	28	-0.001	12/ 3/78	386	13	1	5	8	2	1	1	1	1	7	7	1	U
MOB0583R	34	-0.001	12/ 3/78	386	11	1	1	10	2	1	1	1	1	1	7	1	180
MOB0584R	19	-0.001	12/ 3/78	386	18	1	1	20	2	1	1	1	1	6	7	1	300
MOB0585R	20	-0.001	12/ 3/78	386	15	1	1	4	2	1	1	1	1	1	7	1	220
MOB0586R	23	-0.001	12/ 3/78	386	14	1	2	10	2	1	1	1	1	7	7	1	190
MOB0587R	38	-0.001	12/ 4/78	386	13	1	1	4	2	1	1	1	1	7	7	1	220
MOB0588R	50	-0.001	12/ 4/78	386	10	1	1	5	2	2	1	1	1	3	7	1	11
MOB0589R	25	-0.001	12/ 4/78	386	13	1	2	13	1	1	1	1	1	6	7	1	220
MOB0590R	21	-0.001	12/ 4/78	386	14	1	1	7	1	1	1	1	1	7	7	1	363
MOB0591R	23	-0.001	12/ 4/78	386	18	1	2	10	2	1	1	1	1	7	7	1	300
MOB0592R	27	-0.001	12/ 4/78	386	12	1	2	6	1	1	1	1	1	7	7	1	150
MOB0593R	48	-0.001	12/ 4/78	386	10	1	1	10	2	3	1	1	1	7	7	1	30
MOB0594R	21	-0.001	12/ 4/78	386	12	1	2	5	2	3	1	1	1	7	7	1	25
MOB0595R	120	-0.001	12/ 4/78	386	15	1	2	10	2	1	1	1	1	7	7	1	150
MOB0596R	60	-0.001	12/ 4/78	386	11	1	2	20	3	1	1	1	1	7	7	1	91
MOB0597R	144	-0.001	12/ 4/78	386	14	1	5	U	5	1	1	1	1	6	7	1	U
MOB0598R	146	-0.001	12/ 4/78	386	15	1	3	17	2	1	1	1	1	7	7	1	150
MOB0599R	49	-0.001	12/ 4/78	386	11	1	1	10	3	1	1	1	1	7	7	1	65
MOB0600R	38	-0.001	12/ 4/78	386	12	1	3	15	3	3	1	1	1	3	7	1	30
MOB0601R	42	-0.001	12/ 4/78	386	13	1	2	2	1	1	1	1	1	1	7	1	21
MOB0602R	26	-0.001	12/ 4/78	386	14	1	4	15	2	1	1	1	1	6	7	1	40
MOB0603R	28	-0.001	12/ 4/78	386	12	1	1	5	1	3	1	1	1	7	7	1	24
MOB0604R	15	-0.001	12/ 4/78	386	14	1	5	13	2	4	1	1	1	1	7	1	U
MOB0605R	37	-0.001	12/ 4/78	386	18	1	1	15	1	3	1	1	1	7	7	1	28
MOB0606R	40	-0.001	12/ 4/78	386	17	1	4	7	2	4	1	1	1	6	7	1	35
MOB0607R	54	-0.001	12/ 4/78	386	16	1	5	20	4	1	1	1	1	6	1	1	U
MOB0608R	37	-0.001	12/ 4/78	386	17	1	1	20	2	1	1	1	1	7	7	1	154
MOB0609R	29	-0.001	12/ 5/78	386	15	1	1	4	1	1	1	1	1	3	4	1	164
MOB0610R	16	-0.001	12/ 5/78	386	17	1	1	5	1	1	1	1	1	7	7	1	148

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P E L L C O M	W E L L C L A S S	W E L L D E P T H	
M080611R	186	-0.001	12/ 5/78	386	21	1	2	3	2	1	1	1	1	1	7	1	240
M080612R	63	-0.001	12/ 5/78	386	17	1	2	15	1	1	1	1	1	6	7	1	210
M080613R	28	-0.001	12/ 5/78	386	15	1	2	11	1	1	1	1	1	3	1	1	68
M080614R	14	-0.001	12/ 5/78	386	15	1	2	21	1	1	1	1	1	7	7	1	85
M080615R	76	-0.001	12/ 5/78	386	12	1	1	4	1	1	1	1	1	7	7	1	165
M080616R	11	-0.001	12/ 5/78	386	16	1	5	10	2	1	1	1	1	6	7	1	U
M080617R	47	-0.001	12/ 5/78	386	12	1	1	2	1	1	1	1	1	3	7	1	252
M080618R	48	-0.001	12/ 5/78	386	15	1	1	20	2	1	1	1	1	7	7	1	65
M080619R	44	-0.001	12/ 5/78	386	14	1	2	13	2	1	1	1	1	1	7	1	165
M080620R	51	-0.001	12/ 5/78	386	10	1	1	12	2	1	1	1	1	3	7	1	85
M080621R	18	-0.001	12/ 5/78	386	14	1	2	15	2	1	1	1	1	1	7	1	66
M080622R	19	-0.001	12/ 5/78	386	16	1	5	8	2	1	1	1	1	7	7	1	U
M080623R	76	-0.001	12/ 5/78	386	14	1	5	75	3	2	1	1	1	7	7	1	U
M080624R	11	-0.001	12/ 5/78	386	15	1	1	3	1	1	1	1	1	1	7	1	234
M080625R	56	-0.001	12/ 5/78	386	15	1	5	75	3	2	1	1	1	7	4	1	U
M080626R	12	0.020	12/ 6/78	386	14	1	1	6	2	1	1	1	1	7	7	1	314
M080627R	12	-0.001	12/ 6/78	386	13	1	3	5	2	1	1	1	1	6	7	1	250
M080628R	9	-0.001	12/ 6/78	386	13	1	1	11	2	1	1	1	1	7	7	1	100
M0CP501R	7	1.730	11/ 9/78	373	10	1	1	3	1	3	1	1	1	1	1	1	25
M0CP502R	7	-0.001	11/ 8/78	373	14	1	1	2	1	3	1	1	1	1	1	1	35
M0CP503R	M	3.770	11/ 8/78	373	13	1	1	10	1	3	1	1	1	1	1	1	60
M0CP504R	4	-0.001	11/ 8/78	373	14	1	2	15	1	3	1	1	1	1	1	1	30
M0CP505R	4	-0.001	11/ 8/78	373	15	1	1	3	1	3	1	1	1	1	1	1	100
M0CP506R	13	-0.001	11/ 8/78	373	13	1	5	5	1	1	1	1	1	3	1	1	U
M0CP507R	2	-0.001	11/ 8/78	373	15	1	1	10	1	1	1	1	1	1	1	1	225
M0CP508R	8	-0.001	11/ 8/78	373	12	1	2	5	1	3	1	1	1	1	1	1	25
M0CP509R	M	-0.001	11/ 8/78	373	11	1	1	12	1	3	1	1	1	1	1	1	96
M0CP510R	M	-0.001	11/ 8/78	373	13	1	1	30	1	3	1	1	1	1	1	1	39
M0CP511R	3	-0.001	11/ 8/78	373	14	1	1	20	1	1	1	1	1	1	1	1	98
M0CP512R	M	-0.001	11/ 8/78	373	16	1	1	3	1	3	1	1	1	3	1	1	60
M0CP513R	M	-0.001	11/ 8/78	373	16	1	1	1	1	3	1	1	1	1	1	1	80
M0CP514R	12	-0.001	11/ 8/78	373	13	1	1	2	1	3	1	1	1	1	1	1	20
M0CP515R	6	-0.001	11/ 8/78	373	12	1	1	15	1	1	1	1	1	1	1	1	185
M0CP516R	17	-0.001	11/ 9/78	373	13	1	1	4	1	1	1	1	1	3	1	1	263
M0CP517R	M	-0.001	11/ 9/78	373	16	1	1	7	1	1	1	1	1	3	1	1	500
M0CP518R	9	-0.001	11/ 9/78	373	16	1	1	1	1	3	1	1	1	1	1	1	15
M0CP519R	11	-0.001	11/ 9/78	373	14	1	1	3	1	1	1	1	1	3	1	1	347
M0CP520R	15	-0.001	11/ 9/78	373	15	1	1	20	1	2	1	1	1	3	1	1	30
M0CP521R	19	-0.001	11/ 9/78	373	18	1	1	15	1	1	1	1	1	1	1	1	169
M0CP522R	4	-0.001	11/ 9/78	373	18	1	1	30	1	3	1	1	1	1	1	1	24
M0CP523R	57	-0.001	11/ 9/78	373	16	1	1	7	1	1	1	1	1	2	1	1	325
M0CP524R	14	-0.001	11/ 9/78	373	17	1	1	5	1	1	1	1	1	3	1	1	360
M0CP525R	28	-0.001	11/ 9/78	373	15	1	1	3	1	1	1	1	1	1	1	1	249
M0CP526R	39	-0.001	11/ 9/78	373	16	1	1	5	1	1	1	1	1	1	1	1	296
M0CP527R	14	-0.001	11/ 9/78	373	16	1	1	10	1	1	1	1	1	3	1	1	200
M0CP528R	18	-0.001	11/ 9/78	373	15	1	2	2	1	1	1	1	1	3	1	1	100
M0CP529R	9	-0.001	11/ 9/78	373	14	1	1	5	1	3	1	1	1	1	1	1	60
M0CP530R	11	-0.001	11/ 9/78	373	13	1	1	10	1	1	1	1	1	1	1	1	99
M0CP531R	5	-0.001	11/10/78	373	14	1	2	20	1	1	1	1	1	3	1	1	100
M0CP532R	10	0.020	11/10/78	373	13	1	1	37	1	1	1	1	1	3	1	1	133

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P L E C O M	W E L L C O C	W E L L C L A S S	W E L L D E P T H
MOC533R	21	-0.001	11/10/78	373	12	1	1	40	1	1	1	1	1	1	1	1	240
MOC534R	M	-0.001	11/10/78	373	14	1	1	1	1	1	1	1	1	3	1	1	185
MOC535R	9	-0.001	11/10/78	373	14	1	2	20	1	1	1	1	1	1	1	1	300
MOC536R	M	-0.001	11/10/78	373	15	1	1	5	1	3	1	1	1	1	1	1	25
MOC537F	29	-0.001	11/10/78	373	15	1	1	60	1	1	1	1	1	1	1	1	125
MOC538R	39	-0.001	11/10/78	373	15	1	2	7	1	1	1	1	1	1	1	1	200
MOC539R	11	-0.001	11/10/78	373	15	1	2	18	1	1	1	1	1	1	1	1	100
MOC540R	18	-0.001	11/10/78	373	18	1	1	13	1	1	1	1	1	1	1	1	135
MOC541R	10	-0.001	11/10/78	373	19	1	1	14	1	1	1	1	1	1	1	1	496
MOC542R	5	-0.001	11/10/78	373	19	1	5	24	1	1	1	1	1	1	1	1	U
MOC543R	21	-0.001	11/10/78	373	19	1	5	10	1	1	1	1	1	3	1	1	U
MOC544R	8	-0.001	11/10/78	373	15	1	1	2	1	1	1	1	1	3	1	1	180
MOC545R	9	-0.001	11/10/78	373	16	1	5	12	1	1	1	1	1	1	1	1	U
MOC546R	8	-0.001	11/10/78	373	16	1	1	35	1	1	1	1	1	1	1	1	75
MOC547R	7	-0.001	11/11/78	373	14	1	1	6	1	1	1	1	1	3	1	1	335
MOC548R	9	-0.001	11/11/78	373	14	1	1	6	1	1	1	1	1	3	1	1	240
MOC549R	8	-0.001	11/11/78	373	15	1	1	2	1	1	1	1	1	1	1	1	80
MOC550R	11	-0.001	11/11/78	373	15	1	5	5	3	1	1	1	1	6	6	1	U
MOC551R	87	-0.001	11/11/78	373	16	1	1	10	1	1	1	1	1	1	1	1	170
MOC552R	16	-0.001	11/11/78	373	14	1	2	5	1	1	1	1	1	3	1	1	200
MOC553R	14	-0.001	11/11/78	373	15	1	1	2	1	1	1	1	1	3	1	1	205
MOC554R	13	-0.001	11/11/78	373	17	1	1	1	1	1	1	1	1	3	1	1	435
MOC555R	16	-0.001	11/11/78	373	20	1	1	1	1	1	1	1	1	3	1	1	265
MOC556R	156	-0.001	11/11/78	373	17	1	1	10	1	1	1	1	1	2	1	1	390
MOC557R	31	-0.001	11/11/78	373	17	1	1	1	1	1	3	1	1	3	1	1	650
MOC558R	66	-0.001	11/11/78	373	15	1	1	1	1	1	1	1	1	3	1	1	500
MOC559R	49	0.020	11/11/78	373	16	1	5	6	1	1	1	1	1	3	1	1	U
MOC560R	49	0.020	11/11/78	373	19	1	1	1	1	1	1	1	1	3	1	1	310
MOC561R	80	-0.001	11/11/78	373	16	1	1	14	1	1	1	1	1	1	1	1	300
MOC562R	26	-0.001	11/11/78	373	16	1	2	5	1	1	1	1	1	3	1	1	200
MOC563R	19	-0.001	11/11/78	373	20	1	1	5	1	1	1	1	1	1	1	1	180
MOC564R	57	-0.001	11/11/78	373	16	1	2	1	1	1	1	1	1	1	1	1	200
MOC565R	64	-0.001	11/11/78	373	17	1	1	15	1	1	1	1	1	1	1	1	360
MOC566R	30	-0.001	11/11/78	373	17	1	1	8	1	1	1	1	1	1	1	1	190
MOC567R	92	-0.001	11/13/78	373	13	1	1	20	1	1	1	1	1	1	1	1	190
MOC568R	76	-0.001	11/13/78	373	14	1	1	32	1	1	3	3	1	4	4	1	96
MOC569R	39	-0.001	11/13/78	373	15	1	1	9	1	1	1	1	1	6	6	1	415
MOC570R	54	-0.001	11/13/78	373	12	1	1	1	1	1	1	1	1	3	1	1	130
MOC571R	122	-0.001	11/13/78	373	15	1	1	41	1	1	1	1	1	1	1	1	110
MOC572R	24	-0.001	11/13/78	373	15	1	1	6	1	1	1	1	1	1	1	1	110
MOC573R	58	-0.001	11/13/78	373	16	1	1	10	1	1	1	1	1	1	1	1	425
MOC574R	52	-0.001	11/13/78	373	18	1	1	50	1	2	1	1	1	3	1	1	28
MOC575R	31	-0.001	11/13/78	373	18	1	1	4	1	1	1	1	1	3	1	1	105
MOC576R	75	-0.001	11/13/78	373	19	1	1	1	1	1	1	1	1	7	1	1	600
MOC577R	70	-0.001	11/13/78	373	17	1	1	12	1	1	1	1	1	1	1	1	103
MOC578R	25	-0.001	11/13/78	373	19	1	1	33	1	2	1	1	1	3	1	1	14
MOC579R	69	-0.001	11/13/78	373	19	1	3	20	1	1	1	1	1	1	1	1	300
MOC580R	60	-0.001	11/13/78	373	20	1	1	5	1	1	1	1	1	3	1	1	1100
MOC581R	72	-0.001	11/13/78	373	17	1	1	5	1	1	1	1	1	1	1	1	1259
MOC582R	91	-0.001	11/13/78	373	19	1	1	70	1	2	1	1	1	3	1	1	40

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L L O O D O R P	P E L L C O C	W E L L C L A S S	W E L L D E P T H
MOCP583R	60	-0.001	11/13/78	373	16	1	1	18	1	1	1	1	1	1	1	93
MOCP584R	63	-0.001	11/13/78	373	19	1	1	13	1	1	1	1	1	7	1	165
MOCP585R	48	-0.001	11/13/78	373	17	1	2	5	1	1	1	1	1	3	1	1000
MOCP586R	104	-0.001	11/13/78	373	18	1	2	20	1	1	1	1	1	2	1	250
MOCP587R	63	-0.001	11/13/78	373	19	1	1	50	1	2	1	1	1	1	1	11
MOCP588R	79	-0.001	11/14/78	373	12	1	1	9	1	1	1	1	1	3	1	410
MOCP589R	19	-0.001	11/14/78	373	10	1	2	4	1	1	1	1	1	3	1	100
MOCP590R	69	-0.001	11/14/78	373	14	1	2	2	1	1	1	1	1	3	1	100
MOCP591R	33	-0.001	11/14/78	373	13	1	1	33	1	1	2	1	1	4	4	172
MOCP592R	66	-0.001	11/14/78	373	10	1	1	25	1	1	1	1	1	1	1	210
MOCP593R	37	-0.001	11/14/78	373	11	1	1	1	1	1	1	1	1	3	1	285
MOCP594R	34	-0.001	11/14/78	373	13	1	1	7	1	1	1	1	1	3	1	242
MOCP595R	47	-0.001	11/14/78	373	11	1	1	6	1	1	1	1	1	3	1	400
MOCP596R	60	-0.001	11/14/78	373	15	1	1	1	1	1	1	1	1	3	1	487
MOCP597R	114	-0.001	11/14/78	373	11	1	5	3	1	1	1	1	1	3	1	U
MOCP598R	54	-0.001	11/14/78	373	11	1	1	2	1	1	1	1	1	3	1	450
MOCP599R	61	-0.001	11/14/78	373	11	1	1	2	1	1	1	1	1	1	1	960
MOCP600R	53	-0.001	11/14/78	373	12	1	2	15	1	1	1	1	1	3	6	400
MOCP601R	23	-0.001	11/14/78	373	10	1	1	1	1	1	1	1	1	3	1	776
MOCP602R	346	-0.001	11/14/78	373	11	1	1	70	1	1	1	1	1	1	1	80
MOCP603R	25	-0.001	11/14/78	373	10	1	1	5	1	1	1	1	1	1	1	435
MOCP604R	50	-0.001	11/14/78	373	8	1	1	70	1	2	1	1	1	1	1	35
MOCP605R	13	-0.001	11/14/78	373	11	1	1	1	1	1	1	1	1	3	1	740
MOCP606R	66	-0.001	11/14/78	373	13	1	1	5	1	1	1	1	1	3	1	659
MOCT501R	63	-0.001	5/25/78	297	23	1	2	5	2	1	1	1	1	4	2	135
MOCT502R	45	-0.001	5/25/78	297	19	1	1	8	2	1	1	1	1	1	2	265
MOCT503R	57	-0.001	5/25/78	297	21	1	1	8	1	1	1	1	1	1	2	210
MOCT504R	49	-0.001	5/24/78	297	22	1	5	6	2	1	1	1	1	4	2	U
MOCT505R	79	-0.001	5/25/78	297	23	1	5	12	2	1	1	1	1	4	7	U
MOCT506R	83	-0.001	5/28/78	297	23	1	3	3	2	1	1	1	1	7	2	100
MOCT507R	88	-0.001	5/25/78	297	21	1	1	19	1	1	1	1	1	4	3	75
MOCT508R	90	-0.001	5/25/78	297	23	1	2	2	1	1	1	1	1	4	3	80
MOCT509R	62	-0.001	5/25/78	297	21	1	1	1	2	1	1	1	1	4	6	290
MOCT510R	92	-0.001	5/26/78	297	19	1	1	7	2	1	1	1	1	4	2	212
MOCT511R	M	-0.001	5/26/78	297	20	1	3	3	1	1	1	1	1	4	7	200
MOCT512R	82	-0.001	5/26/78	297	21	1	2	16	1	1	1	1	1	6	7	116
MOCT513R	47	-0.001	5/26/78	297	23	1	2	1	3	1	1	1	1	3	7	100
MOCT514R	48	-0.001	5/26/78	297	17	1	5	2	3	1	1	1	1	7	2	U
MOCT515R	68	-0.001	5/26/78	297	24	2	1	999	1	4	1	1	1	6	7	0
MOCT516R	48	-0.001	5/26/78	297	20	1	1	11	1	1	1	1	1	4	2	205
MOCT517R	53	-0.001	5/26/78	297	18	1	2	2	2	1	1	1	1	3	2	210
MOCT518R	129	-0.001	5/28/78	297	16	2	1	999	1	4	1	1	1	6	1	0
MOCT519R	132	-0.001	5/29/78	307	16	1	3	6	1	1	1	1	1	6	7	250
MOCT520R	68	-0.001	5/30/78	297	17	1	5	3	4	1	1	1	1	6	2	U
MOCT523R	54	-0.001	5/27/78	298	26	1	1	8	1	1	1	1	1	1	1	123
MOCT524R	86	-0.001	5/27/78	298	23	1	5	U	5	4	1	1	1	6	1	U
MOCT525R	168	-0.001	5/27/78	298	19	1	1	65	1	2	1	1	1	3	3	47
MOCT526R	61	-0.001	5/27/78	298	20	1	1	5	4	1	1	1	1	6	1	200
MOCT527R	273	-0.001	5/27/78	298	30	1	4	U	5	1	1	1	1	6	1	150
MOCT528R	131	0.030	5/28/78	298	18	1	1	40	1	2	1	1	1	1	4	120

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	H E L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O R P	P I P E C O M P	W E L L L O C	W E L L C L A S S	W E L L D E P T H
MOC T529R	159	-0.001	5/28/78	298	19	1	1	30	1	2	1	1	1	6	4	1	40
MOC T530R	47	-0.001	5/28/78	298	18	1	1	10	1	1	1	1	1	6	3	1	160
MOC T531R	52	-0.001	5/28/78	298	24	1	4	6	1	1	1	1	1	3	1	1	100
MOC T532R	48	-0.001	5/28/78	298	20	1	1	6	1	1	1	1	1	3	1	2	244
MOC T533R	43	-0.001	5/28/78	298	20	1	1	1	1	1	1	2	1	3	1	1	165
MOC T534R	52	-0.001	5/28/78	298	19	1	1	5	1	1	1	1	1	1	1	1	250
MOC T535R	70	-0.001	5/28/78	298	23	1	1	12	1	1	1	1	1	3	1	1	90
MOC T536R	49	1.130	5/29/78	297	29	1	2	10	2	1	1	1	1	4	2	1	85
MOC T537R	44	-0.001	5/29/78	297	18	1	2	4	2	1	1	1	1	4	2	1	105
MOC T538R	M	-0.001	5/29/78	297	21	1	5	2	3	1	1	1	1	6	2	1	U
MOC T539R	35	-0.001	5/29/78	297	22	1	1	10	2	1	1	1	1	4	2	1	200
MOC T540R	22	-0.001	5/29/78	297	19	1	5	2	4	1	1	1	1	7	2	1	U
MOC T541R	28	1.290	5/29/78	297	19	1	1	3	2	1	1	1	1	4	1	1	218
MOC T542R	270	-0.001	5/29/78	297	20	1	1	100	2	2	1	1	1	1	4	1	18
MOC T543R	255	-0.001	5/29/78	297	18	1	4	4	3	2	1	1	1	4	4	1	15
MOC T544R	85	-0.001	5/29/78	297	72	1	1	1	3	1	1	1	1	1	7	1	176
MOC T545R	53	-0.001	6/24/78	367	17	1	1	14	2	1	1	1	1	1	1	1	173
MOC T546R	46	-0.001	5/29/78	306	22	1	1	2	1	1	1	1	1	3	1	1	160
MOC T547R	123	-0.001	5/29/78	298	20	1	5	U	5	1	1	1	1	6	1	1	U
MOC T548R	63	-0.001	6/23/78	359	18	2	1	999	1	4	1	1	1	7	4	1	0
MOC T549R	130	-0.001	6/23/78	359	20	1	5	U	5	1	1	1	1	6	1	1	U
MOC T550R	69	1.720	6/23/78	359	19	1	1	13	2	1	1	1	1	1	1	1	396
MOC T551R	74	1.780	6/23/78	359	21	1	1	33	1	1	1	1	1	3	1	1	96
MOC T552R	82	-0.001	6/23/78	359	21	1	1	9	2	1	1	1	1	1	1	1	180
MOC T553R	79	-0.001	6/23/78	359	19	1	3	U	5	1	1	1	1	3	1	1	85
MOC T554R	109	-0.001	6/24/78	367	16	1	5	3	2	1	1	1	1	3	1	1	U
MOC T555R	81	-0.001	6/24/78	367	22	2	1	999	1	4	1	1	1	4	7	1	0
MOC T556R	78	-0.001	6/24/78	367	17	2	1	999	1	4	4	1	1	6	4	8	0
MOC T557R	51	-0.001	6/24/78	309	21	1	3	4	2	1	1	1	1	6	1	1	360
MOC T558R	69	-0.001	6/24/78	309	22	2	1	999	1	4	1	1	1	7	4	1	0
MOC T559R	70	-0.001	6/24/78	309	19	1	1	7	2	1	1	1	1	4	1	1	110
MOC T560R	56	-0.001	6/24/78	309	18	1	1	15	1	1	1	1	1	1	1	1	135
MOC T561R	80	-0.001	6/24/78	367	18	1	1	3	1	1	3	3	1	1	1	1	133
MOC T562R	69	-0.001	6/24/78	367	22	1	1	110	4	2	1	1	1	4	1	1	28
MOC T563R	114	-0.001	6/25/78	359	28	2	1	999	1	4	1	1	1	1	1	1	0
MOC T564R	59	-0.001	6/25/78	359	25	1	1	16	1	1	1	1	1	6	1	2	260
MOC T565R	94	-0.001	6/26/78	309	22	1	2	5	2	1	1	1	1	3	1	1	250
MOC T566R	87	-0.001	6/26/78	309	18	1	1	100	3	2	1	1	1	7	4	1	16
MOC T567R	57	-0.001	6/26/78	309	16	1	2	30	4	2	1	6	1	7	4	1	20
MOC T568R	71	-0.001	6/26/78	309	22	1	1	7	2	1	1	1	1	1	1	1	161
MOC T569R	76	-0.001	6/26/78	309	17	2	1	999	1	4	1	1	1	6	4	8	0
MOC T570R	85	-0.001	6/26/78	309	22	1	3	15	3	1	1	1	1	1	1	1	140
MOC T571R	72	-0.001	6/26/78	309	18	2	1	999	1	4	1	1	1	6	4	1	0
MOC T572R	116	1.740	6/26/78	309	26	2	1	999	1	4	4	1	1	6	4	6	0
MOC T573R	149	-0.001	6/26/78	309	22	2	1	999	1	4	2	1	1	6	4	8	0
MOC T574R	54	-0.001	6/26/78	309	22	1	3	6	2	1	1	1	1	1	1	1	150
MOC T575R	66	-0.001	6/26/78	309	18	2	1	999	1	4	1	1	1	6	4	1	0
MOC T576R	114	-0.001	6/27/78	309	14	1	4	40	4	1	1	1	1	1	1	1	100
MOC T577R	65	-0.001	6/27/78	309	19	1	1	7	2	1	1	1	1	3	1	1	246
MOC T578R	61	-0.001	6/27/78	309	17	1	3	60	3	2	1	1	1	6	1	1	10

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L D E P T H	D E P T H	A G E	A G E	W E L L T Y P E	W E L L U S E	W E L L F R E Q U E N C Y	W E L L L O C A T I O N	P L U M B I N G	W E L L C O N D I T I O N	W E L L C O N D I T I O N	W E L L D E P T H
MOCW579R	51	-0.001	6/27/78	309	18	1	3	4	1	1	1	1	1	1	1	1	180
MOCW580R	57	-0.001	6/27/78	309	18	1	2	1	1	1	1	1	1	1	1	1	600
MOCW581R	79	-0.001	6/27/78	309	18	2	1	999	1	4	4	1	1	3	4	8	0
MOCW582R	122	-0.001	6/27/78	309	25	2	1	999	1	4	2	1	1	6	4	8	0
MOCW583R	235	-0.001	6/27/78	309	21	1	4	60	4	2	1	6	1	7	4	1	15
MOCW584R	55	-0.001	6/27/78	309	21	1	1	4	2	1	1	1	1	3	1	1	243
MOCW585R	67	-0.001	6/27/78	309	17	1	1	5	2	1	1	1	1	3	1	1	58
MOCW586R	80	-0.001	6/28/78	309	21	2	1	999	1	4	1	1	1	3	4	1	0
MOCW587R	37	-0.001	6/28/78	309	19	1	1	7	1	1	1	1	1	1	1	1	627
MOCW588R	34	-0.001	6/28/78	309	26	1	4	40	4	1	1	1	1	3	1	1	200
MOCW501R	50	-0.001	12/13/78	383	14	1	1	7	1	1	1	1	1	3	7	1	300
MOCW502R	33	-0.001	12/13/78	383	11	1	5	50	1	1	1	1	1	1	7	1	U
MOCW503R	103	-0.001	12/13/78	383	11	2	1	999	1	4	1	1	1	1	7	1	0
MOCW504R	81	-0.001	12/13/78	383	9	1	1	30	1	1	1	1	1	1	1	1	97
MOCW505R	60	-0.001	12/13/78	383	12	2	1	999	1	4	1	1	1	3	4	1	0
MOCW506R	95	-0.001	12/13/78	383	9	1	5	5	1	1	1	1	1	3	7	1	U
MOCW507R	44	-0.001	12/13/78	383	9	1	1	32	1	1	1	1	1	1	4	1	165
MOCW508R	46	-0.001	12/13/78	383	11	1	2	12	1	1	1	1	1	3	7	1	235
MOCW509R	10	-0.001	12/13/78	383	7	1	1	10	1	1	1	1	1	1	7	1	275
MOCW510R	16	-0.001	12/13/78	383	10	1	1	15	1	1	1	1	1	1	7	1	306
MOCW511R	12	-0.001	12/13/78	383	5	1	3	1	1	1	1	1	1	1	7	1	200
MOCW512R	14	-0.001	12/13/78	383	8	1	1	8	1	1	1	1	1	3	7	1	196
MOCW513R	14	-0.001	12/13/78	383	9	1	2	3	1	1	1	1	1	1	3	1	150
MOCW514R	24	-0.001	12/13/78	383	10	1	5	10	2	1	1	1	1	1	7	1	U
MOCW515R	12	-0.001	12/13/78	383	10	1	2	6	1	1	1	1	1	3	7	1	270
MOCW516R	28	-0.001	12/13/78	383	10	1	3	20	1	1	1	1	1	2	7	1	100
MOCW517R	12	-0.001	12/13/78	383	13	1	5	40	1	1	1	1	1	2	7	1	U
MOCW518R	12	-0.001	12/13/78	383	11	1	1	11	1	1	1	1	1	3	7	1	234
MOCW519R	13	-0.001	12/13/78	383	13	1	5	6	1	1	1	1	1	3	7	1	U
MOCW520R	20	-0.001	12/13/78	383	14	1	2	10	1	1	1	1	1	6	7	1	240
MOCW521R	15	-0.001	12/14/78	383	10	1	5	10	1	1	1	1	1	6	7	1	U
MOCW522R	11	-0.001	12/14/78	383	4	1	1	8	1	1	1	1	1	1	7	1	305
MOCW523R	17	-0.001	12/13/78	383	11	1	1	23	1	1	1	1	1	1	7	2	289
MOCW524R	12	-0.001	12/14/78	383	11	1	1	20	1	1	1	1	1	1	1	1	355
MOCW525R	11	-0.001	12/14/78	383	15	1	3	6	1	1	1	1	1	3	7	1	365
MOCW526R	21	-0.001	12/14/78	383	17	1	3	7	1	1	1	1	1	3	7	1	280
MOCW527R	16	-0.001	12/14/78	383	13	1	4	3	1	1	1	1	1	6	7	1	100
MOCW528R	9	-0.001	12/14/78	383	11	1	2	30	1	1	1	1	1	1	7	1	163
MOCW529R	10	-0.001	12/14/78	383	11	1	1	6	1	1	1	1	1	1	3	1	316
MOCW530R	8	-0.001	12/14/78	383	9	1	5	3	1	1	1	1	1	1	3	1	U
MOCW531R	38	-0.001	12/14/78	383	8	1	3	20	1	1	1	1	1	3	7	1	250
MOCW532R	12	-0.001	12/14/78	383	12	1	5	4	1	1	1	1	1	3	7	1	U
MOCW533R	20	-0.001	12/14/78	383	14	1	1	20	1	1	1	1	1	1	7	1	135
MOCW534R	6	-0.001	12/14/78	383	14	1	2	7	1	1	1	1	1	3	7	1	260
MOCW535R	11	-0.001	12/14/78	383	15	1	2	40	1	1	1	1	1	3	7	1	125
MOCW536R	10	-0.001	12/14/78	383	6	1	1	31	1	1	1	1	1	1	7	1	136
MOCW537R	7	-0.001	12/14/78	383	6	1	2	2	1	1	1	1	1	3	7	1	180
MOCW538R	7	-0.001	12/14/78	383	10	1	2	15	1	1	1	1	1	1	7	1	250
MOCW539R	14	-0.001	12/14/78	383	9	1	5	15	1	1	1	1	1	1	7	1	U
MOCW540R	12	-0.001	12/14/78	383	16	1	5	10	1	1	1	1	1	3	7	1	U

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L I D E N T I F I C A T I O N	D E P T H C O N D I T I O N	A G E	A G E C O N D I T I O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q U E N C Y	W E L L L O O D I N G	P I P E C O M P O S I T I O N	W E L L C L A S S I F I C A T I O N	W E L L D E P T H	
MOCW541R	23	-0.001	12/14/78	383	10	1	3	15	1	1	1	1	1	6	7	1	200
MOCW542R	14	-0.001	12/14/78	383	20	1	2	25	1	1	1	1	1	2	7	1	210
MOCW543R	33	-0.001	12/14/78	383	9	2	1	999	1	4	1	1	1	1	1	1	0
MOCW544R	16	-0.001	12/15/78	383	11	1	2	8	1	1	1	1	1	6	7	1	175
MOCW545R	19	-0.001	12/15/78	383	7	1	5	15	1	1	1	1	1	1	7	1	U
MOCW546R	16	-0.001	12/15/78	383	14	1	5	13	1	1	1	1	1	1	7	1	U
MOCW547R	18	-0.001	12/15/78	383	8	1	1	27	1	1	1	1	1	1	7	1	98
MOCW548R	15	-0.001	12/15/78	383	8	1	5	20	1	1	1	1	1	6	7	1	U
MOCW549R	27	-0.001	12/15/78	383	6	1	1	15	1	1	1	1	1	3	3	1	244
MOCW550R	15	-0.001	12/15/78	383	9	1	1	10	1	1	1	1	1	3	7	1	80
MOCW551R	9	-0.001	12/15/78	383	11	1	1	18	1	1	1	1	1	3	7	1	300
MOCW552R	16	-0.001	12/15/78	383	4	2	1	999	1	4	1	1	1	1	7	1	0
MOCW553R	18	-0.001	12/15/78	383	17	1	3	18	1	1	1	1	1	3	7	1	300
MOCW554R	16	-0.001	12/15/78	383	10	1	5	1	1	1	1	1	1	1	3	1	U
MOCW555R	15	-0.001	12/15/78	383	12	1	3	15	1	1	1	1	1	6	7	1	500
MOCW556R	19	-0.001	12/15/78	383	8	1	5	3	1	1	1	1	1	3	7	1	U
MOCW557R	10	-0.001	12/15/78	383	11	1	1	2	1	1	1	1	1	3	3	1	230
MOCW558R	15	-0.001	12/15/78	383	9	1	2	15	1	1	1	1	1	1	7	1	225
MOCW559R	12	-0.001	12/15/78	383	10	1	5	25	1	1	1	1	1	1	7	1	U
MOCW560R	17	-0.001	12/15/78	383	12	1	2	20	1	1	1	1	1	2	7	1	265
MOCW561R	16	-0.001	12/15/78	383	8	1	5	8	1	1	1	1	1	1	7	1	U
MOCW562R	62	-0.001	12/15/78	406	13	1	1	1	1	1	1	1	1	6	7	1	285
MOCW563R	29	-0.001	12/15/78	406	12	1	1	23	1	1	1	1	1	5	7	1	275
MOCW564R	19	-0.001	12/15/78	406	9	1	2	5	1	1	1	1	1	6	7	1	300
MOCW565R	21	-0.001	12/15/78	406	11	1	5	4	1	1	1	1	1	3	7	1	U
MOCW566R	16	-0.001	12/15/78	406	13	1	1	U	5	1	1	1	1	6	7	1	305
MOCW567R	17	-0.001	12/15/78	406	10	1	5	11	1	1	1	1	1	1	7	1	U
MOCW568R	23	-0.001	12/15/78	386	10	1	1	15	1	1	1	1	1	7	7	1	240
MOCW569R	79	-0.001	12/15/78	386	13	1	1	23	1	1	1	1	1	3	7	1	220
MOCW570R	17	-0.001	12/15/78	386	11	1	3	20	2	1	1	1	1	7	7	1	170
MOCW571R	18	-0.001	12/15/78	386	9	1	1	11	1	1	1	1	1	1	7	1	250
MOCW572R	11	-0.001	12/15/78	386	10	1	5	5	4	1	1	1	1	6	7	1	U
MOCW573R	17	-0.001	12/15/78	386	10	1	5	12	2	1	1	1	1	6	7	1	U
MOCW574R	30	-0.001	12/15/78	386	12	1	5	15	4	1	1	1	1	1	7	1	U
MOCW575R	70	-0.001	12/15/78	386	10	1	3	15	3	1	1	1	1	6	7	1	280
MOCW576R	29	-0.001	12/15/78	386	11	1	2	6	2	1	1	1	1	6	7	1	265
MOCW577R	48	-0.001	12/15/78	386	12	1	1	20	1	1	1	1	1	7	7	1	220
MOCW578R	13	-0.001	12/15/78	386	12	1	1	26	1	1	1	1	1	7	7	1	289
MOCW579R	15	-0.001	12/15/78	386	13	1	5	10	2	1	1	1	1	6	7	1	U
MOCW580R	35	-0.001	12/15/78	386	14	1	1	25	1	1	1	1	1	7	7	1	150
MOCW581R	21	-0.001	12/15/78	386	15	1	1	22	1	1	1	1	1	7	7	1	209
MOCW582R	30	-0.001	12/15/78	386	13	1	5	25	2	1	1	1	1	7	7	1	U
MOCW583R	23	-0.001	12/15/78	386	14	1	2	9	1	1	1	1	1	7	7	1	170
MOCW584R	16	-0.001	12/15/78	386	13	1	5	5	4	1	1	1	1	3	7	1	U
MOCW585R	15	-0.001	12/15/78	386	15	1	2	13	2	1	1	1	1	7	7	1	128
MOCW586R	11	0.020	12/15/78	386	15	1	1	20	1	1	1	1	1	7	7	1	144
MOCW587R	23	-0.001	12/15/78	386	14	1	5	30	2	1	1	1	1	6	7	1	U
MOCW588R	11	-0.001	12/15/78	386	10	1	1	6	1	1	1	1	1	1	7	1	192
MOCW589R	13	-0.001	12/15/78	386	12	1	5	U	5	1	1	1	1	6	7	1	U
MOCW590R	22	-0.001	12/15/78	406	8	1	1	21	1	1	1	1	1	1	7	1	319

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L L O O D O M P	P I P E C O M P	W E L L C O L L A S S	W E L L D E P T H	
MOCW591R	10	-0.001	12/15/78	273	13	1	2	30	2	1	1	1	1	2	7	1	100
MOCW592R	7	-0.001	12/15/78	273	16	1	2	6	1	1	1	1	1	7	7	1	250
MOCW593R	15	-0.001	12/15/78	273	15	1	2	U	5	1	1	1	1	1	7	1	155
MOCW594R	18	-0.001	12/15/78	273	15	1	3	U	5	4	1	1	1	1	7	1	50
MOCW595R	14	-0.001	12/15/78	273	13	1	2	10	2	1	1	1	1	7	7	1	185
MOCW596R	5	-0.001	12/15/78	273	13	1	3	7	2	1	1	1	1	1	7	1	140
MOCW597R	390	-0.001	12/15/78	273	13	2	1	999	1	4	2	1	1	7	4	1	0
MOCW598R	11	-0.001	12/15/78	273	13	1	1	35	3	1	1	1	1	7	7	1	240
MOCW599R	10	-0.001	12/15/78	273	13	1	2	13	2	1	1	1	1	6	7	1	100
MOCW600R	10	-0.001	12/15/78	273	11	1	3	13	2	1	1	1	1	2	7	1	175
MOCW601R	14	-0.001	12/15/78	273	15	1	1	9	1	1	1	1	1	6	7	1	236
MOCW602R	12	-0.001	12/15/78	273	16	2	1	999	1	4	1	1	1	1	7	1	0
MOCW603R	M	-0.001	12/15/78	273	10	1	2	10	2	1	1	1	1	2	7	1	250
MOCW604R	8	-0.001	12/15/78	273	13	1	2	12	2	1	1	1	1	1	7	1	245
MOCW605R	12	-0.001	12/15/78	273	15	1	1	10	1	1	1	1	1	2	7	1	120
MOCW606R	8	-0.001	12/15/78	273	11	2	1	999	1	4	1	1	1	2	7	1	0
MOCW607R	286	-0.001	12/15/78	273	12	1	2	U	5	4	4	5	1	6	3	1	18
MOCW608R	15	-0.001	12/15/78	273	13	1	1	10	2	1	1	1	1	2	7	1	98
MOCW609R	7	-0.001	12/15/78	273	15	1	3	15	2	1	1	1	1	7	7	1	50
MOCW610R	12	-0.001	12/15/78	273	16	1	5	U	5	4	1	1	1	2	7	1	U
MOCW611R	11	-0.001	12/15/78	273	13	1	4	3	2	1	1	1	1	7	7	1	1000
MOCW612R	11	-0.001	12/15/78	273	12	1	2	20	1	1	1	1	1	1	7	1	190
MOCW613R	M	-0.001	12/15/78	273	8	1	5	U	5	1	1	1	1	1	7	1	U
MOCW614R	M	-0.001	12/15/78	273	12	1	2	6	1	1	1	1	1	7	7	1	390
MOCW615R	77	-0.001	12/15/78	273	13	1	1	7	2	1	1	1	1	1	7	1	225
MOCW616R	70	-0.001	12/15/78	406	9	1	5	U	5	1	1	1	1	6	7	1	U
MOCW617R	125	-0.001	12/15/78	406	14	1	1	U	5	1	1	1	1	1	7	1	100
MOCW618R	M	-0.001	12/15/78	406	5	1	1	7	1	1	1	1	1	3	7	1	300
MOCW619R	M	-0.001	12/15/78	406	8	1	1	5	1	1	1	1	1	1	1	1	365
MOCW620R	65	-0.001	12/15/78	406	13	1	5	U	5	1	1	1	1	6	7	1	U
MOCW621R	120	-0.001	12/15/78	406	15	1	5	8	1	1	1	1	1	6	7	1	U
MOCW622R	55	-0.001	12/15/78	406	11	1	1	5	1	1	1	1	1	3	7	1	150
MOCW623R	78	-0.001	12/15/78	406	17	1	1	13	1	1	1	1	1	1	7	1	100
MOCW624R	53	-0.001	12/15/78	406	12	1	1	2	1	1	1	1	1	3	7	1	240
MOCW625R	121	-0.001	12/15/78	406	13	1	1	13	1	1	1	1	1	1	7	1	192
MOCW626R	145	-0.001	12/15/78	406	18	1	1	30	1	1	1	1	1	1	1	1	100
MOCW627R	87	-0.001	12/15/78	406	13	1	1	33	1	1	1	1	1	1	7	1	254
MOCW628R	60	-0.001	12/15/78	406	12	1	5	U	5	1	1	1	1	6	7	1	U
MODN501R	63	-0.001	11/24/78	383	12	1	1	31	1	1	1	1	1	1	7	1	110
MODN502R	71	-0.001	11/24/78	383	12	1	5	7	1	1	1	1	1	3	7	1	U
MODN503R	42	-0.001	11/24/78	383	12	1	3	5	1	1	1	1	1	3	7	1	130
MODN504R	43	-0.001	11/24/78	383	12	1	1	25	1	1	1	1	1	3	7	1	165
MODN505R	43	-0.001	11/25/78	383	10	1	1	9	1	1	1	1	1	3	7	1	260
MODN506R	29	-0.001	11/25/78	383	12	1	1	3	1	1	1	1	1	3	7	1	201
MODN507R	70	-0.001	11/25/78	383	11	1	1	15	1	1	1	1	1	1	7	1	176
MODN508R	180	-0.001	11/25/78	383	11	1	2	25	1	1	1	1	1	1	7	1	125
MODN509R	63	-0.001	11/25/78	383	9	1	1	25	1	1	1	1	1	1	7	1	120
MODN510R	96	-0.001	11/25/78	383	10	1	5	5	1	1	1	1	1	1	7	1	U
MODN511R	96	-0.001	11/25/78	383	15	1	5	30	1	1	1	1	1	1	7	1	U
MODN512R	87	-0.001	11/25/78	383	13	1	1	7	1	1	1	1	1	3	7	1	135

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M P	P I P E C O M P	W E L L C L A S S	W E L L D E P T H	
MODN513R	62	-0.001	11/25/78	383	9	1	3	2	1	1	1	1	1	3	7	1	300
MODN514R	112	-0.001	11/25/78	383	12	1	1	2	1	1	1	1	1	3	7	1	410
MODN515R	119	-0.001	11/26/78	383	17	1	5	5	1	1	1	1	1	3	7	1	U
MODN516R	94	-0.001	11/26/78	383	12	1	1	10	1	1	1	1	1	1	7	1	150
MODN517R	54	-0.001	11/26/78	383	13	1	1	19	1	1	1	1	1	2	7	1	300
MODN518R	67	-0.001	11/26/78	383	10	1	3	15	1	1	1	1	1	3	7	1	100
MODN519R	36	-0.001	11/26/78	383	10	1	5	20	1	1	1	1	1	3	7	1	U
MODN520R	104	-0.001	11/26/78	383	11	1	1	5	1	1	1	1	1	1	7	1	285
MODN521R	72	-0.001	11/26/78	383	16	1	5	5	1	1	1	1	1	3	7	1	U
MODN522R	73	-0.001	11/26/78	383	12	1	2	11	1	1	1	1	1	3	7	1	250
MODN523R	74	-0.001	11/26/78	383	11	1	1	50	1	1	1	1	1	3	7	1	70
MODN524R	87	-0.001	11/26/78	383	16	1	1	3	1	1	1	1	1	3	7	1	105
MODN525R	31	-0.001	11/26/78	383	14	1	1	10	1	1	1	1	1	3	7	2	300
MODN526R	74	-0.001	11/26/78	383	13	2	1	999	1	4	1	1	1	3	4	1	0
MODN527R	79	-0.001	11/26/78	383	13	1	5	20	1	1	1	1	1	3	7	1	U
MODN528R	75	-0.001	11/27/78	383	19	1	2	13	1	1	1	1	1	3	7	1	130
MODN529R	90	-0.001	11/27/78	383	13	1	3	2	3	1	1	1	1	3	7	1	150
MODN530R	75	0.020	11/27/78	383	10	1	5	11	1	1	1	1	1	3	7	1	U
MODN531R	80	-0.001	11/27/78	383	9	1	1	18	1	1	1	1	1	3	7	1	93
MODN532R	105	-0.001	11/27/78	383	9	1	1	14	1	1	1	1	1	3	7	1	55
MODN533R	56	-0.001	11/27/78	383	8	1	5	8	2	1	1	1	1	1	1	1	U
MODN534R	56	-0.001	11/27/78	383	14	1	1	3	1	1	1	1	1	3	7	1	100
MODN535R	69	-0.001	11/27/78	383	13	1	1	7	1	1	1	1	1	3	7	1	220
MODN536R	95	-0.001	11/27/78	383	13	1	1	7	1	1	1	1	1	3	7	1	228
MODN537R	63	-0.001	11/27/78	383	11	1	2	10	1	1	1	1	1	1	7	1	400
MODN538R	61	-0.001	11/27/78	383	13	1	1	3	1	1	1	1	1	1	7	1	500
MODN539R	91	0.010	11/27/78	383	11	1	1	1	1	1	1	1	1	1	1	1	440
MODN540R	87	-0.001	11/27/78	383	9	1	1	6	1	1	1	1	1	1	7	1	501
MODN541R	73	-0.001	11/27/78	383	12	1	5	10	1	1	1	1	1	3	7	1	U
MODN542R	77	-0.001	11/27/78	383	12	1	1	4	1	1	1	1	1	3	7	1	518
MODN543R	74	-0.001	11/27/78	383	9	1	1	3	1	1	1	1	1	3	7	1	550
MODN544R	82	-0.001	11/27/78	383	12	1	1	4	1	1	1	1	1	3	7	1	397
MODN545R	116	-0.001	11/27/78	383	13	1	1	5	1	1	1	1	1	3	7	1	300
MODN546R	69	-0.001	11/27/78	383	8	1	1	10	2	1	1	1	1	3	7	1	230
MODN547R	71	-0.001	11/27/78	383	9	1	1	10	1	1	1	1	1	3	7	1	300
MODN548R	105	-0.001	11/28/78	383	11	1	1	15	1	1	1	1	1	1	4	1	142
MODN549R	70	-0.001	11/28/78	383	8	1	1	2	1	1	1	1	1	3	1	1	160
MODN550R	79	-0.001	11/28/78	383	12	1	5	10	2	1	1	1	1	1	7	1	U
MODN551R	102	-0.001	11/28/78	383	12	1	2	10	1	1	1	1	1	3	7	1	190
MODN552R	66	-0.001	11/28/78	383	13	1	2	10	2	1	1	1	1	3	7	1	76
MODN553R	82	-0.001	11/28/78	383	15	2	1	999	1	4	1	1	1	3	7	1	0
MODN554R	84	0.010	11/28/78	383	10	1	1	5	1	1	1	1	1	1	7	1	200
MODN555R	119	-0.001	11/28/78	383	21	2	1	999	1	4	1	1	1	1	7	1	0
MODN556R	102	0.010	11/28/78	383	9	2	1	999	1	4	1	1	1	3	7	1	0
MODN557R	60	-0.001	11/28/78	383	19	1	2	30	2	1	1	1	1	1	7	1	420
MODN558R	105	-0.001	11/28/78	383	11	1	5	43	1	1	1	1	1	1	7	1	U
MODN559R	69	-0.001	11/28/78	383	11	1	5	9	1	1	1	1	1	1	7	1	U
MODN560R	71	-0.001	11/28/78	383	13	1	1	12	1	1	1	1	1	3	7	1	400
MODN561R	68	-0.001	11/28/78	383	9	1	3	5	1	1	1	1	1	1	7	1	400
MODN562R	79	-0.001	11/28/78	383	16	1	1	11	1	1	1	1	1	1	7	1	400

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L O R	P I P E C O M P	W E L L C L A S S	W E L L D E P T H	
MODN563R	85	-0.001	11/28/78	383	13	1	1	2	1	1	1	1	1	3	7	1	405
MODN564R	96	-0.001	11/28/78	383	8	1	5	7	1	1	1	1	1	1	7	1	U
MODN565R	70	-0.001	11/29/78	383	10	1	1	11	1	1	1	1	1	3	7	1	480
MODN566R	67	-0.001	11/29/78	383	9	1	1	10	1	1	1	1	1	3	7	1	360
MODN567R	63	-0.001	11/29/78	383	11	1	1	30	1	1	1	1	1	1	7	1	506
MODN568R	77	0.070	11/29/78	383	17	1	2	2	1	1	1	1	1	3	7	1	530
MODN569R	73	-0.001	11/29/78	383	12	1	1	6	1	1	1	1	1	3	7	1	410
MODN570R	73	-0.001	11/29/78	383	10	1	1	5	1	1	1	1	1	3	7	1	265
MODN571R	65	-0.001	11/29/78	383	8	1	2	12	1	1	1	1	1	3	7	1	430
MODN572R	78	-0.001	11/29/78	383	8	1	1	6	1	1	1	1	1	3	7	1	610
MODN573R	65	-0.001	11/29/78	383	10	1	2	1	1	1	1	1	1	3	7	1	525
MODN574R	59	-0.001	11/29/78	383	13	1	3	13	1	1	1	1	1	1	7	1	350
MODN575R	47	-0.001	11/29/78	383	14	1	1	28	1	1	1	1	1	3	7	1	130
MODN576R	66	-0.001	11/29/78	383	11	1	2	50	1	2	1	1	1	1	4	1	20
MODN577R	82	-0.001	11/29/78	383	11	1	2	8	1	1	1	1	1	3	7	1	250
MODN578R	70	-0.001	11/29/78	383	9	1	1	2	1	1	1	1	1	1	7	1	320
MODN579R	79	-0.001	11/29/78	383	11	1	2	5	1	1	1	1	1	3	7	1	300
MODN580R	62	-0.001	11/29/78	383	9	1	1	15	1	1	1	1	1	1	7	1	120
MODN581R	42	-0.001	11/29/78	383	16	1	5	7	1	1	1	1	1	1	7	1	U
MODN582R	115	-0.001	11/29/78	383	12	1	1	2	1	1	1	1	1	3	7	1	265
MODN583R	78	0.070	11/29/78	383	11	1	1	19	1	1	1	1	1	3	7	1	320
MODN584R	72	-0.001	11/29/78	383	13	1	1	8	1	1	1	1	1	1	7	1	280
MODN585R	61	-0.001	11/30/78	383	14	1	1	6	1	1	1	1	1	1	7	1	280
MODN586R	64	-0.001	11/30/78	383	9	1	1	10	1	1	1	1	1	1	7	1	230
MODN587R	88	-0.001	11/30/78	383	12	1	1	7	1	1	1	1	1	1	1	1	273
MODN588R	65	-0.001	11/30/78	383	12	1	4	8	1	1	1	1	1	3	7	1	115
MODN589R	68	-0.001	11/30/78	383	14	1	3	8	1	1	1	1	1	1	7	1	290
MODN590R	69	-0.001	11/30/78	383	11	1	3	6	1	1	1	1	1	3	7	1	400
MODN591R	148	-0.001	11/30/78	383	10	1	1	20	1	1	1	1	1	1	7	1	85
MODN592R	66	-0.001	11/30/78	383	12	1	1	5	1	1	1	1	1	3	7	1	286
MODN593R	88	-0.001	11/30/78	383	13	1	2	4	1	1	1	1	1	3	7	1	225
MODN594R	94	-0.001	11/30/78	383	17	1	1	2	1	1	1	1	1	3	7	1	265
MODN595R	59	-0.001	11/30/78	383	15	1	5	10	1	1	1	1	1	3	7	1	U
MODN596R	78	-0.001	11/30/78	383	14	1	4	9	1	1	1	1	1	3	7	1	200
MODN597R	68	-0.001	11/30/78	383	17	1	2	5	1	1	1	1	1	3	7	1	210
MODN598R	79	-0.001	11/30/78	383	11	1	1	9	1	1	1	1	1	1	7	1	289
MODN599R	95	-0.001	11/30/78	383	13	1	1	6	1	1	1	1	1	1	7	1	285
MODN600R	85	-0.001	11/30/78	383	12	1	3	4	1	1	1	1	1	3	7	1	130
MODN601R	100	-0.001	11/30/78	383	16	1	2	20	1	1	1	1	1	2	7	1	250
MODN602R	74	-0.001	11/30/78	383	16	1	1	6	1	1	1	1	1	1	7	1	450
MODN603R	69	-0.001	11/30/78	383	14	1	1	1	1	1	1	1	1	3	7	1	230
MODN604R	85	-0.001	11/30/78	383	15	1	3	1	1	1	1	1	1	3	7	1	100
MODN605R	77	-0.001	12/ 1/78	383	10	1	4	4	1	1	1	1	1	3	7	1	280
MODN606R	73	-0.001	12/ 1/78	383	9	1	3	12	1	1	1	1	1	1	7	1	200
MODN607R	88	-0.001	12/ 1/78	383	11	1	2	30	1	1	1	1	1	1	3	1	125
MODN608R	56	-0.001	12/ 1/78	383	10	1	1	1	1	1	1	1	1	1	7	1	345
MODN609R	58	-0.001	12/ 1/78	383	10	1	3	5	1	1	1	1	1	3	7	1	300
MODN610R	86	-0.001	12/ 1/78	383	12	2	1	999	1	4	1	1	1	2	7	1	0
MODN611R	74	-0.001	12/ 1/78	383	12	1	5	20	1	1	1	1	1	1	1	1	U
MODN612R	48	0.020	12/ 1/78	383	17	1	2	30	1	1	1	1	1	1	7	1	280

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E E Q	W E L L L O O D O R P	P I P E C O M P	W E L L C O C S	W E L L C L A S S	W E L L D E P T H
MODN613R	63	-0.001	12/ 1/78	383	12	1	1	3	1	1	1	1	1	1	7	1	220
MODN614R	79	-0.001	12/ 1/78	383	12	1	1	3	1	1	1	1	1	3	1	1	240
MODN615R	88	-0.001	12/ 1/78	383	16	1	1	7	1	1	1	1	1	3	7	1	270
MODN616R	82	-0.001	12/ 1/78	383	11	1	5	3	1	1	1	1	1	3	7	1	U
MODN617R	78	-0.001	12/ 1/78	383	13	1	2	1	1	1	1	1	1	1	1	1	150
MODN618R	64	-0.001	12/ 1/78	383	11	1	1	25	1	1	1	1	1	2	7	1	100
MODN619R	67	-0.001	12/ 1/78	383	13	1	1	8	1	1	1	1	1	3	7	1	168
MODN620R	85	-0.001	12/ 1/78	383	12	1	1	7	1	1	1	1	1	3	7	1	190
MODN621R	75	-0.001	12/ 1/78	383	14	1	2	20	1	1	1	1	1	3	7	1	116
MODN622R	82	-0.001	12/ 1/78	383	14	1	5	5	1	1	1	1	1	3	7	1	U
MODN623R	75	-0.001	12/ 1/78	383	13	1	2	16	1	1	1	1	1	3	7	1	120
MODN624R	58	-0.001	12/ 1/78	383	11	1	5	30	1	1	1	1	1	1	1	1	U
MODN625R	72	-0.001	12/ 2/78	383	12	1	1	5	2	1	1	1	1	3	7	1	231
MODN626R	34	-0.001	12/ 2/78	383	14	1	5	10	1	1	1	1	1	1	7	1	U
MODN627R	13	-0.001	12/ 2/78	383	12	1	1	7	1	1	1	1	1	3	7	1	290
MODN628R	13	-0.001	12/ 2/78	383	13	1	5	6	1	1	1	1	1	1	1	1	U
MODN629R	9	-0.001	12/ 2/78	383	14	1	1	22	1	1	1	1	1	1	7	1	150
MODN630R	11	-0.001	12/ 2/78	383	11	1	1	10	1	1	1	1	1	3	7	1	215
MODN631R	19	0.020	12/ 2/78	383	16	1	5	5	1	1	1	1	1	2	7	1	U
MODN632R	17	-0.001	12/ 2/78	383	12	1	1	15	1	1	1	1	1	2	7	1	135
MODN633R	17	-0.001	12/ 2/78	383	11	1	2	3	1	1	1	1	1	3	7	1	160
MODN634R	41	-0.001	12/ 2/78	383	10	1	3	10	1	1	1	1	1	1	7	1	360
MODN635R	26	-0.001	12/ 2/78	383	13	1	1	10	1	1	1	1	1	6	7	1	126
MODN636R	22	-0.001	12/ 2/78	383	12	1	2	6	1	1	1	1	1	1	7	1	160
MODU501R	7	0.030	10/17/78	369	16	1	4	20	1	3	1	1	1	1	1	1	32
MODU502R	10	-0.001	10/17/78	369	17	1	1	12	1	3	3	1	1	1	1	1	35
MODU503R	3	1.030	10/17/78	369	18	1	1	12	1	3	1	1	1	1	1	1	45
MODU504R	7	-0.001	10/17/78	369	15	1	1	16	1	3	1	1	1	1	1	1	18
MODU505R	8	-0.001	10/17/78	369	16	1	1	3	1	3	1	1	1	3	1	1	45
MODU506R	4	-0.001	10/17/78	369	18	1	1	2	1	3	1	1	1	3	1	1	35
MODU507R	M	-0.001	10/17/78	369	15	1	2	5	1	3	1	1	1	6	7	1	35
MODU508R	6	-0.001	10/17/78	369	18	1	1	33	1	3	1	1	1	3	1	1	35
MODU509R	6	-0.001	10/17/78	369	17	1	1	1	1	3	1	1	4	1	1	1	35
MODU510R	4	-0.001	10/17/78	369	17	1	2	3	1	3	1	1	1	3	7	1	50
MODU511R	16	-0.001	10/18/78	369	16	1	1	7	1	3	1	1	1	1	1	1	40
MODU512R	4	-0.001	10/18/78	369	15	1	4	5	1	3	1	1	1	3	1	1	80
MODU513R	7	-0.001	10/18/78	369	16	1	1	15	1	3	1	1	1	1	1	1	75
MODU514R	10	-0.001	10/18/78	369	16	1	1	11	1	3	1	1	1	1	1	1	39
MODU515R	M	-0.001	10/18/78	369	18	1	1	5	1	3	1	1	4	3	1	1	45
MODU516R	7	-0.001	10/18/78	369	18	1	1	30	1	3	3	1	4	1	1	1	57
MODU517R	9	-0.001	10/18/78	369	17	1	1	32	1	3	3	1	3	1	1	1	35
MODU518R	7	-0.001	10/18/78	369	17	1	1	1	1	3	1	1	1	1	1	1	25
MODU519R	18	-0.001	10/18/78	369	17	1	1	4	1	3	1	1	1	3	1	1	24
MODU520R	6	-0.001	10/18/78	369	18	1	4	2	1	3	1	1	1	3	1	1	40
MODU521R	3	1.360	10/18/78	369	18	1	1	8	1	3	1	1	1	1	1	1	25
MODU522R	8	-0.001	10/18/78	369	17	1	1	1	1	3	1	1	1	3	1	1	30
MODU523R	6	-0.001	10/18/78	369	17	1	1	25	1	3	1	1	1	1	1	1	20
MODU524R	5	-0.001	10/18/78	369	15	1	2	15	1	3	1	1	1	1	1	1	35
MODU525R	7	-0.001	10/18/78	369	16	1	2	4	1	3	1	1	1	1	1	1	25
MODU526R	42	-0.001	10/18/78	369	18	1	1	2	1	3	1	1	1	3	7	1	45

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E C O M P	W E L L C L A S S	W E L L D E P T H	
MODU527R	6	-0.001	10/18/78	369	15	1	1	2	1	3	1	1	1	3	7	1	18
MODU528R	10	-0.001	10/19/78	369	16	1	1	50	1	3	1	1	1	1	1	1	75
MODU529R	8	-0.001	10/19/78	369	15	1	1	1	1	3	1	1	1	1	1	1	60
MODU530R	7	-0.001	10/19/78	369	15	1	1	15	1	3	1	1	1	1	1	1	75
MODU531R	5	-0.001	10/19/78	369	15	1	2	2	2	3	1	1	1	1	1	1	35
MODU532R	M	-0.001	10/19/78	369	15	1	1	4	1	3	1	1	1	1	1	1	19
MODU533R	2	-0.001	10/19/78	369	17	1	1	5	1	3	1	1	1	1	1	1	30
MODU534R	8	-0.001	10/19/78	369	15	1	1	30	1	3	1	1	1	1	7	1	35
MODU535R	6	-0.001	10/19/78	369	17	1	1	4	1	1	1	1	1	3	1	1	33
MODU536R	8	-0.001	10/19/78	369	18	1	4	5	4	3	1	1	1	1	1	1	35
MODU537R	3	-0.001	10/19/78	369	15	1	1	30	1	3	1	1	4	1	1	1	30
MODU538R	M	1.840	10/19/78	369	17	1	1	7	1	3	1	1	1	1	7	1	35
MODU539R	M	-0.001	10/19/78	369	16	1	1	1	1	3	1	1	1	3	1	1	25
MODU540R	5	-0.001	10/19/78	369	16	1	1	5	2	3	1	1	4	1	1	1	35
MODU541R	7	-0.001	10/19/78	369	17	1	4	5	4	3	1	1	1	1	7	1	35
MODU542R	8	-0.001	10/19/78	369	17	1	1	6	1	3	1	1	1	3	1	1	40
MODU543R	M	-0.001	10/19/78	369	15	1	1	3	1	1	1	1	1	3	1	1	30
MODU544R	23	-0.001	10/19/78	369	19	1	1	1	1	3	1	1	3	1	1	1	25
MODU545R	12	-0.001	10/19/78	369	18	1	1	9	1	3	1	1	1	1	1	1	23
MODU546R	8	-0.001	10/19/78	369	15	1	1	1	1	1	1	1	1	3	1	1	65
MODU547R	6	-0.001	10/19/78	369	18	1	4	5	4	3	1	1	1	1	1	1	40
MODU548R	M	-0.001	10/19/78	369	15	1	1	2	1	3	1	1	3	1	1	1	40
MODU549R	6	-0.001	10/19/78	369	15	1	1	14	1	3	1	1	1	1	1	1	22
MODU550R	13	-0.001	10/19/78	373	17	1	1	1	1	3	3	2	1	3	1	1	41
MODU551R	7	-0.001	10/19/78	373	16	1	1	1	1	3	1	1	1	1	1	1	40
MODU552R	14	-0.001	10/19/78	373	17	1	1	4	1	3	1	1	1	1	1	1	18
MODU553R	8	-0.001	10/19/78	373	17	1	1	1	1	3	1	1	1	3	1	1	38
MODU554R	8	-0.001	10/19/78	373	16	1	2	4	1	3	1	1	1	1	1	1	30
MODU555R	9	-0.001	10/19/78	373	17	1	2	2	1	3	1	1	1	3	1	1	30
MODU556R	9	-0.001	10/19/78	373	17	1	1	3	1	3	1	1	2	1	1	1	40
MODU557R	4	1.490	10/19/78	373	16	1	1	2	1	3	3	2	1	1	1	1	15
MODU558R	7	-0.001	10/19/78	373	16	1	2	2	1	3	1	1	1	1	1	1	20
MODU559R	10	-0.001	10/19/78	373	16	1	1	3	1	3	1	1	1	1	1	1	20
MODU560R	10	-0.001	10/18/78	373	14	1	2	2	1	3	1	1	1	1	1	1	20
MODU561R	9	-0.001	10/18/78	373	15	1	1	17	1	3	1	1	1	1	1	1	17
MODU562R	6	-0.001	10/18/78	373	17	1	1	4	1	3	1	1	1	1	1	1	18
MODU563R	5	-0.001	10/18/78	373	16	1	1	1	1	3	1	1	1	1	1	1	40
MODU564R	M	-0.001	10/18/78	373	15	1	1	13	1	3	1	1	1	3	1	1	18
MODU565R	11	-0.001	10/18/78	373	14	1	1	13	1	3	1	1	1	1	1	1	18
MODU566R	6	-0.001	10/18/78	373	16	1	1	1	1	3	1	1	1	1	1	1	32
MODU567R	10	-0.001	10/18/78	373	18	1	1	12	1	3	1	1	1	1	1	1	18
MODU568R	10	-0.001	10/18/78	373	16	1	1	20	1	3	1	6	1	1	1	1	18
MODU569R	3	-0.001	10/18/78	373	15	1	1	1	1	3	1	1	1	1	1	1	20
MODU570R	12	-0.001	10/18/78	373	17	1	1	5	1	3	1	1	1	1	1	1	21
MODU571R	M	0.050	10/18/78	373	17	1	1	4	1	3	1	1	1	1	1	1	22
MODU572R	12	0.070	10/18/78	373	16	1	1	1	1	3	1	1	1	3	1	1	20
MODU573R	7	-0.001	10/18/78	373	18	1	1	1	1	3	1	1	1	3	1	1	30
MODU574R	10	-0.001	10/18/78	373	18	1	1	15	1	3	1	1	1	1	1	1	20
MODU575R	6	-0.001	10/18/78	373	18	1	1	1	1	3	1	1	1	1	1	1	25
MODU576R	9	-0.001	10/18/78	373	17	1	2	1	1	3	1	1	1	3	1	1	20

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L D E P T H C O N	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L O R	P I P E D O M P	W E L L C O C	W E L L C L A S S	W E L L D E P T H
MODU577R	7	-0.001	10/18/78	373	17	1	2	8	1	3	1	1	1	6	6	1	20
MODU578R	16	-0.001	10/18/78	373	16	1	2	1	1	3	1	1	1	1	6	1	20
MODU579R	5	-0.001	10/18/78	373	17	1	1	23	1	3	1	1	1	1	1	1	23
MODU580R	21	-0.001	10/19/78	373	14	1	1	5	1	3	3	1	1	1	1	1	20
MODU581R	8	-0.001	10/19/78	373	18	1	2	9	1	3	1	1	1	1	1	1	30
MODU582R	9	-0.001	10/19/78	373	18	1	1	3	1	3	1	1	1	3	1	1	27
MODU583R	4	-0.001	10/19/78	373	18	1	2	6	1	3	1	1	1	1	1	1	20
MODU584R	8	-0.001	10/19/78	373	18	1	1	5	1	3	3	2	1	3	1	7	30
MODU585R	49	-0.001	10/19/78	373	18	1	1	3	1	3	1	1	2	3	1	1	35
MODU586R	33	-0.001	10/19/78	373	18	1	2	1	1	3	1	1	1	3	1	1	20
MODU587R	M	-0.001	10/19/78	373	19	1	2	12	1	3	1	1	1	4	4	1	20
MODU588R	43	-0.001	10/19/78	373	19	1	1	15	1	3	1	1	1	1	1	1	35
MODU589R	25	-0.001	10/19/78	373	19	1	2	5	1	3	1	1	1	1	3	1	30
MODU590R	45	-0.001	10/19/78	373	19	1	1	1	1	3	1	1	1	3	3	1	30
MODU591R	67	-0.001	10/19/78	373	19	1	2	1	1	3	3	3	2	3	1	7	40
MODU592R	111	-0.001	10/19/78	373	18	1	1	2	1	3	2	1	1	3	4	1	30
MODU593R	65	-0.001	10/19/78	373	18	1	1	13	1	3	1	1	1	4	4	1	20
MODU594R	43	-0.001	10/19/78	373	18	1	3	2	4	3	1	1	1	3	4	1	30
MODU595R	62	-0.001	10/20/78	373	16	1	1	15	2	3	1	1	1	2	6	1	18
MODU596R	93	-0.001	10/20/78	373	15	1	2	4	1	3	1	1	1	1	1	1	25
MODU597R	19	-0.001	10/20/78	373	18	1	2	5	2	3	1	1	1	3	1	1	25
MODU598R	65	-0.001	10/20/78	373	18	1	1	2	1	3	1	1	1	3	1	1	25
MODU599R	110	-0.001	10/20/78	373	15	1	1	2	1	3	1	1	1	3	1	1	24
MODU600R	109	-0.001	10/20/78	373	18	1	2	2	1	3	1	1	1	3	1	1	40
MODU601R	115	-0.001	10/20/78	373	18	1	1	5	1	3	1	1	1	1	1	1	12
MODU602R	92	-0.001	10/20/78	373	18	1	1	2	1	3	1	1	1	1	1	1	30
MODU603R	112	0.040	10/20/78	373	18	1	2	1	1	3	1	1	1	1	1	1	25
MODU604R	85	-0.001	10/20/78	373	18	1	1	2	1	3	1	1	1	3	1	1	25
MODU605R	34	1.430	10/20/78	373	18	1	1	2	1	3	1	1	1	1	1	1	18
MODU606R	22	-0.001	10/20/78	373	19	1	2	6	1	3	1	1	1	4	4	1	25
MODU607R	11	-0.001	10/19/78	369	15	1	1	1	1	3	1	1	1	1	1	1	15
MOHL501R	78	-0.001	5/30/78	296	20	1	5	3	1	1	1	1	1	6	7	1	U
MOHL502R	67	-0.001	5/30/78	296	23	1	1	2	1	1	1	1	1	1	7	1	360
MOHL503R	81	-0.001	5/30/78	296	19	1	2	10	1	1	1	1	1	1	7	1	325
MOHL504R	95	-0.001	5/30/78	296	18	1	1	13	1	1	1	1	1	1	1	1	160
MOHL505R	32	-0.001	5/30/78	296	20	1	5	6	2	4	1	1	1	6	1	1	U
MOHL506R	71	-0.001	5/30/78	296	23	1	1	1	1	1	1	1	1	1	1	1	280
MOHL507R	114	-0.001	5/30/78	296	22	1	1	10	1	1	1	1	1	1	1	1	168
MOHL508R	80	-0.001	5/ 5/78	296	22	1	1	11	1	1	1	1	1	3	7	1	157
MOHL509R	28	-0.001	5/30/78	296	21	1	1	7	3	1	1	1	1	6	7	1	125
MOHL510R	30	-0.001	5/30/78	296	19	1	1	8	1	1	1	1	1	7	1	1	160
MOHL511R	21	1.780	5/30/78	296	22	1	5	15	3	4	1	1	1	6	7	1	U
MOHL512R	41	-0.001	5/30/78	296	22	1	1	3	1	1	1	1	1	1	7	5	148
MOHL513R	38	-0.001	5/30/78	296	20	1	1	8	1	1	1	1	1	1	1	1	200
MOHL514R	38	-0.001	5/30/78	296	21	1	1	8	1	1	1	1	1	1	1	1	300
MOHL515R	34	-0.001	5/30/78	296	17	2	1	999	1	4	1	1	1	7	4	1	0
MOHL516R	60	-0.001	5/31/78	296	21	1	5	4	3	4	1	1	1	6	1	1	U
MOHL517R	43	-0.001	5/31/78	296	17	1	1	2	1	1	1	1	1	1	1	1	480
MOHL518R	86	-0.001	5/31/78	296	22	1	1	1	1	1	1	1	1	6	1	1	540
MOHL519R	92	1.830	5/31/78	296	21	1	1	9	1	1	1	1	1	4	1	1	380

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L D E P T H C O N	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E L E C T R I C I T Y	W E L L C O L L E C T I O N	W E L L C L A S S I F I C A T I O N	W E L L D E P T H
MOHL520R	88	-0.001	5/31/78	296	18	1	1	4	1	1	1	1	1	1	1	1	250
MOHL521R	113	-0.001	5/31/78	296	20	1	5	2	1	4	1	1	1	6	7	1	U
MOHL522R	166	-0.001	5/31/78	296	19	1	2	12	1	1	1	1	1	6	1	1	200
MOHL523R	105	-0.001	5/31/78	296	18	1	1	3	1	1	1	1	1	3	1	5	320
MOHL524R	114	1.910	5/31/78	296	22	1	1	U	5	1	1	1	1	6	1	1	500
MOHL525R	105	1.930	5/31/78	296	23	1	1	3	1	1	1	1	1	1	6	1	450
MOHL526R	107	-0.001	5/31/78	296	22	1	1	15	2	1	1	1	1	6	1	1	500
MOHL527R	106	-0.001	5/31/78	296	19	1	2	U	5	1	1	1	1	6	1	1	200
MOHL528R	120	-0.001	5/31/78	296	19	1	1	12	1	1	1	1	1	1	1	1	200
MOHL529R	61	-0.001	5/31/78	296	23	1	1	30	1	1	1	1	1	1	1	1	140
MOHL530R	67	-0.001	5/31/78	296	20	1	1	2	1	1	1	1	1	1	7	1	300
MOHL531R	55	-0.001	5/31/78	296	23	1	1	8	1	1	1	1	1	1	1	1	480
MOHL532R	42	-0.001	5/31/78	296	19	1	1	28	1	1	1	1	1	6	1	1	120
MOHL533R	41	-0.001	6/1/78	296	22	1	1	3	1	1	1	1	1	3	7	1	400
MOHL534R	87	-0.001	6/1/78	296	18	1	1	1	1	1	1	1	1	6	1	1	599
MOHL535R	50	-0.001	6/1/78	296	20	1	1	10	1	1	1	1	1	6	7	1	460
MOHL536R	60	-0.001	6/1/78	296	19	1	1	5	1	1	1	1	1	1	1	1	460
MOHL537R	88	-0.001	6/1/78	296	20	1	1	4	1	1	1	1	1	1	1	1	300
MOHL538R	82	-0.001	6/1/78	296	20	1	1	1	1	1	1	1	1	6	1	1	240
MOHL539R	79	-0.001	6/1/78	296	20	1	2	U	5	1	1	1	1	6	7	1	120
MOHL540R	82	-0.001	6/1/78	296	19	1	5	U	5	4	1	1	1	6	1	1	U
MOHL541R	101	-0.001	6/1/78	296	21	1	1	31	1	2	1	1	1	4	3	1	30
MOHL542R	68	-0.001	6/1/78	296	22	2	1	999	1	4	1	1	1	3	7	1	0
MOHL543R	125	-0.001	6/1/78	296	21	1	1	U	5	4	1	1	1	6	7	1	50
MOHL544R	56	-0.001	6/1/78	296	22	1	1	40	1	4	1	1	1	6	7	1	85
MOHL545R	55	-0.001	6/1/78	296	19	1	1	2	1	1	1	1	1	1	7	1	380
MOHL546R	42	-0.001	6/1/78	296	20	1	1	1	1	1	1	1	1	6	6	1	180
MOHL547R	60	0.050	6/1/78	296	18	1	1	U	5	1	1	1	1	7	7	1	155
MOHL548R	65	-0.001	6/2/78	296	18	1	2	18	1	1	1	1	1	6	7	1	200
MOHL549R	37	-0.001	6/2/78	296	18	1	1	10	1	1	1	1	1	1	7	1	190
MOHL552R	50	-0.001	5/30/78	309	24	1	1	8	1	1	1	1	1	3	6	4	305
MOHL553R	94	-0.001	5/30/78	309	26	1	2	16	2	1	1	1	1	4	1	1	300
MOHL554R	132	-0.001	5/30/78	309	21	1	2	60	3	1	1	1	1	4	4	1	80
MOHL555R	76	-0.001	5/30/78	309	20	1	3	10	3	1	1	1	1	4	4	1	200
MOHL556R	153	-0.001	5/30/78	309	22	1	1	50	3	1	1	1	1	4	1	1	80
MOHL557R	62	-0.001	5/30/78	309	20	1	2	25	3	1	1	1	1	6	6	1	350
MOHL558R	57	-0.001	5/30/78	309	20	1	1	15	3	1	1	1	1	6	6	1	125
MOHL559R	56	-0.001	5/30/78	309	20	1	1	10	1	1	1	1	1	4	1	1	200
MOHL560R	56	1.870	5/30/78	309	23	1	1	2	2	1	1	1	1	4	1	1	330
MOHL561R	61	-0.001	5/30/78	309	20	1	1	1	1	1	1	1	1	1	1	1	480
MOHL562R	120	-0.001	5/31/78	309	25	1	2	2	1	1	1	3	1	4	1	2	300
MOHL563R	59	-0.001	5/31/78	309	22	1	3	4	2	1	1	1	1	1	1	1	300
MOHL564R	55	-0.001	5/31/78	309	19	1	1	4	1	1	1	1	1	1	1	1	280
MOHL565R	97	-0.001	5/31/78	309	20	1	1	2	2	1	1	1	1	3	1	1	60
MOHL566R	100	-0.001	5/31/78	309	22	1	1	7	1	1	1	1	1	3	1	1	180
MOHL567R	67	-0.001	5/31/78	309	21	1	1	5	1	1	1	1	1	1	1	1	180
MOHL568R	133	-0.001	5/31/78	309	20	1	1	100	3	2	1	1	1	1	1	1	75
MOHL569R	57	-0.001	5/31/78	309	18	1	1	20	2	1	1	1	1	1	1	1	135
MOHL570R	232	-0.001	5/31/78	309	20	1	3	40	3	1	1	1	1	3	1	1	40
MOHL571R	65	-0.001	5/31/78	309	19	1	1	7	2	1	1	3	1	1	1	1	200

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	H E L P S P R C O N	D E P T H C O N	A G E	A G E C O N	N E L L T Y P E	N E L L L U S E	W E L L L F R E Q	W E L L L O D O M	P I P E L O C O M	W E L L L C O L L A S S	W E L L L D E P T H
MOHL622R	54	-0.001	6/13/78	359	21	1	5	5	1	1	1	1	1	1	1	U
MOHL623R	42	-0.001	6/13/78	359	20	1	1	10	1	1	1	1	1	1	1	90
MOHL624R	53	-0.001	6/13/78	359	21	1	1	13	1	1	1	1	1	1	1	200
MOHL625R	59	-0.001	6/13/78	359	22	1	1	4	1	1	1	1	4	1	1	200
MOHL626R	70	-0.001	6/13/78	359	19	1	1	9	1	1	1	1	4	1	1	150
MOHL627R	49	-0.001	6/13/78	359	18	1	5	18	4	1	1	1	4	1	1	U
MOHL628R	70	-0.001	6/13/78	359	21	1	1	12	1	1	1	1	6	1	1	160
MOHL629R	39	-0.001	6/14/78	297	17	1	4	3	3	1	1	1	6	1	1	200
MOHL630R	33	-0.001	6/14/78	297	16	1	1	20	1	1	1	1	7	4	1	115
MOHL631R	122	-0.001	6/14/78	297	22	1	1	1	1	1	1	1	3	1	1	161
MOHL632R	60	-0.001	6/14/78	297	18	1	4	8	4	1	1	1	6	1	1	120
MOHL633R	53	-0.001	6/14/78	297	26	1	4	4	1	1	1	1	4	1	1	600
MOHL634R	108	-0.001	6/14/78	297	21	1	2	30	1	1	1	1	6	1	1	150
MOHL635R	61	-0.001	6/14/78	297	18	1	1	18	1	1	1	1	1	1	1	136
MOHL636R	64	-0.001	6/14/78	297	22	1	1	6	1	1	1	1	3	1	1	385
MOHL637R	64	-0.001	6/14/78	297	22	2	1	999	1	1	1	1	6	1	1	0
MOHL638R	78	-0.001	6/14/78	297	18	1	4	10	2	1	1	1	6	1	1	200
MOHL639R	67	-0.001	6/14/78	297	21	1	2	2	3	1	1	1	6	1	1	515
MOHL640R	64	-0.001	6/14/78	297	20	1	5	5	1	1	1	1	6	1	1	U
MOHL641R	57	-0.001	6/14/78	297	19	1	1	12	1	1	1	1	7	1	1	365
MO1R501R	260	-0.001	12/ 6/78	406	9	2	1	999	1	4	1	1	3	7	1	0
MO1R502R	106	-0.001	12/ 6/78	406	14	1	5	U	5	1	1	1	3	7	1	U
MO1R503R	121	-0.001	12/ 6/78	406	13	1	1	5	1	1	1	1	1	7	1	225
MO1R504R	182	-0.001	12/ 6/78	406	11	1	1	17	1	1	1	1	3	7	1	100
MO1R505R	79	-0.001	12/ 6/78	406	13	1	1	20	1	1	1	1	3	7	1	110
MO1R506R	85	-0.001	12/ 6/78	406	11	1	5	U	5	1	1	1	6	1	1	U
MO1R507R	107	-0.001	12/ 6/78	406	10	1	1	5	1	1	1	1	3	7	1	100
MO1R508R	80	-0.001	12/ 7/78	406	15	1	1	10	1	1	1	1	6	7	1	90
MO1R509R	82	-0.001	12/ 7/78	406	13	1	5	U	5	1	1	1	6	7	1	U
MO1R510R	228	0.010	12/ 7/78	406	14	1	1	U	5	1	1	1	3	7	1	300
MO1R511R	76	-0.001	12/ 7/78	406	15	1	1	35	2	1	1	1	3	7	1	85
MO1R512R	67	-0.001	12/ 7/78	406	14	1	1	7	1	1	1	1	6	7	1	385
MO1R513R	30	-0.001	12/ 7/78	406	15	1	1	31	1	1	1	1	3	7	1	60
MO1R514R	75	-0.001	12/ 7/78	406	13	1	1	40	1	1	1	1	1	7	1	250
MO1R515R	55	-0.001	12/ 7/78	406	13	1	1	U	5	1	1	1	3	7	1	142
MO1R516R	74	-0.001	12/ 7/78	406	14	2	1	999	1	4	1	1	7	4	1	0
MO1R517R	56	-0.001	12/ 7/78	406	15	1	1	4	1	1	1	1	3	7	1	100
MO1R518R	60	-0.001	12/ 7/78	406	13	1	1	40	1	2	1	1	3	7	1	21
MO1R519R	85	-0.001	12/ 7/78	406	14	2	1	999	1	4	1	1	4	4	1	0
MO1R520R	90	-0.001	12/ 7/78	406	14	1	5	U	5	1	1	1	6	7	1	U
MO1R521R	79	-0.001	12/ 7/78	406	13	1	1	2	1	1	1	1	3	7	1	101
MO1R522R	59	-0.001	12/ 7/78	406	15	1	2	U	5	1	1	1	6	7	1	80
MO1R523R	71	-0.001	12/ 7/78	406	14	1	1	12	1	1	1	1	3	7	1	85
MO1R524R	77	-0.001	12/ 7/78	406	13	1	1	18	1	1	1	1	3	7	1	80
MO1R525R	97	-0.001	12/ 7/78	406	13	1	1	U	5	1	1	1	3	7	1	150
MO1R526R	88	-0.001	12/ 7/78	406	14	1	5	U	5	1	1	1	6	7	1	U
MO1R527R	158	-0.001	12/ 7/78	406	15	2	1	999	1	4	1	1	3	7	1	0
MO1R528R	78	-0.001	12/ 7/78	406	14	1	1	50	1	1	1	1	3	7	1	110
MO1R529R	80	-0.001	12/ 9/78	406	10	1	1	10	1	1	1	1	3	7	1	125
MO1R530R	79	-0.001	12/ 9/78	406	9	1	1	U	5	2	1	1	1	3	1	35

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	H E L P S P R C O N	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M P	P I P E C O M P	W E L L C O L L	W E L L C O L L	W E L L D E P T H
MO1R531R	75	-0.001	12/ 9/78	406	10	1	1	8	1	1	1	1	1	3	7	1	250
MO1R532R	75	-0.001	12/ 9/78	406	11	1	5	U	5	1	1	1	1	6	7	1	U
MO1R533R	88	-0.001	12/ 9/78	406	11	1	1	7	1	1	1	1	1	3	7	1	100
MO1R534R	92	-0.001	12/ 9/78	406	12	1	1	U	5	1	1	1	1	3	7	1	238
MO1R535R	109	-0.001	12/ 9/78	406	11	1	1	50	1	1	1	1	1	1	4	1	100
MO1R536R	74	-0.001	12/ 9/78	406	10	1	1	3	1	1	1	1	1	3	7	1	220
MO1R537R	69	-0.001	12/ 9/78	406	11	1	1	15	1	1	1	1	1	3	7	1	200
MO1R538R	99	-0.001	12/ 9/78	406	12	1	1	10	1	1	1	1	2	3	7	1	80
MO1R539R	79	-0.001	12/ 9/78	406	10	1	1	35	1	1	1	1	1	6	7	1	180
MO1R540R	73	-0.001	12/ 9/78	406	13	1	5	2	1	1	1	1	1	6	7	1	U
MO1R541R	23	-0.001	12/11/78	406	16	1	1	50	1	2	1	1	1	3	7	1	20
MO1R542R	17	-0.001	12/11/78	406	15	1	1	89	1	1	1	1	1	6	7	1	85
MO1R543R	14	-0.001	12/11/78	406	14	1	5	3	1	1	1	1	1	6	7	1	U
MO1R544R	21	-0.001	12/11/78	406	13	1	5	U	5	1	1	1	1	6	7	1	U
MO1R545R	31	-0.001	12/11/78	406	14	1	1	50	1	1	1	1	1	3	1	1	125
MO1R546R	72	-0.001	12/11/78	406	13	1	1	10	1	1	1	1	1	1	7	1	90
MO1R547R	137	-0.001	12/11/78	406	13	1	5	U	5	1	1	1	1	6	7	1	U
MO1R548R	42	-0.001	12/11/78	406	15	1	1	U	5	1	1	1	1	3	7	1	119
MO1R549R	130	-0.001	12/11/78	406	13	1	1	20	1	1	1	1	1	3	7	1	200
MO1R550R	101	0.010	12/11/78	406	14	1	1	8	1	1	1	1	1	6	7	1	100
MO1R551R	39	-0.001	12/11/78	406	13	1	1	26	1	1	1	1	1	1	7	1	93
MO1R552R	51	-0.001	12/11/78	406	15	1	1	14	1	1	1	1	1	3	7	1	185
MO1R553R	36	-0.001	12/11/78	406	12	1	5	6	1	1	1	1	1	6	7	1	U
MO1R554R	122	-0.001	12/11/78	406	14	2	1	999	1	4	1	1	1	3	7	1	0
MO1R555R	129	-0.001	12/11/78	406	16	1	1	30	1	1	1	1	1	3	7	1	135
MO1R556R	71	-0.001	12/11/78	406	13	1	1	15	1	1	1	1	1	3	7	1	95
MO1R557R	70	-0.001	12/11/78	406	10	1	5	20	1	1	1	1	1	3	7	1	U
MO1R558R	93	-0.001	12/11/78	406	11	1	1	20	1	1	1	1	1	3	7	1	107
MO1R559R	40	-0.001	12/11/78	406	12	1	5	U	5	1	1	1	1	1	7	3	U
MO1R560R	77	-0.001	12/11/78	406	11	1	1	27	1	1	1	1	1	3	7	1	60
MO1R561R	62	-0.001	12/12/78	406	13	1	1	8	1	1	1	1	1	6	7	1	580
MO1R562R	60	-0.001	12/12/78	406	10	1	5	30	1	1	1	1	1	3	7	1	U
MO1R563R	61	-0.001	12/12/78	406	10	1	1	12	1	1	1	1	1	4	3	1	226
MO1R564R	67	-0.001	12/12/78	406	11	1	1	10	1	1	1	1	1	3	7	1	140
MO1R565R	35	-0.001	12/12/78	406	11	2	1	999	1	4	1	1	1	6	7	1	0
MO1R566R	57	-0.001	12/12/78	406	12	1	1	10	1	1	1	1	1	1	7	1	350
MO1R567R	61	-0.001	12/12/78	406	11	2	1	999	1	4	1	1	1	3	7	1	0
MO1R568R	84	-0.001	12/12/78	406	11	1	5	80	1	1	1	1	1	6	7	1	U
MO1R569R	36	-0.001	12/12/78	406	11	2	1	999	1	4	1	1	1	6	7	1	0
MO1R570R	34	-0.001	12/12/78	406	13	1	1	16	1	1	1	1	1	3	7	1	97
MO1R571R	66	-0.001	12/12/78	406	13	1	1	5	1	1	1	1	1	1	7	1	120
MO1R572R	89	-0.001	12/12/78	406	13	2	1	999	1	4	1	1	1	1	7	1	0
MO1R573R	43	-0.001	12/12/78	406	15	1	1	14	1	1	1	1	1	3	7	1	183
MO1R574R	65	-0.001	12/12/78	406	15	1	5	U	5	1	1	1	1	6	7	1	U
MO1R575R	31	-0.001	12/12/78	406	13	1	1	9	1	1	1	1	1	1	7	1	400
MO1R576R	30	-0.001	12/12/78	406	13	1	5	U	5	1	1	1	1	6	7	1	U
MO1R577R	52	-0.001	12/12/78	406	16	1	1	17	1	1	1	1	1	6	7	1	165
MO1R578R	52	-0.001	12/12/78	406	14	1	1	15	1	1	1	1	1	6	7	1	100
MO1R579R	55	-0.001	12/12/78	406	13	1	1	12	1	1	1	1	1	6	7	1	1400
MO1W501R	520	-0.001	7/ 5/78	350	20	1	2	15	1	1	1	1	1	3	1	1	180

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L O R D	P I P E C O M P	W E L L O C	W E L L C L A S S	W E L L D E P T H
MOLW502R	291	-0.001	7/ 5/78	350	26	1	2	10	2	1	1	1	2	1	3	1	250
MOLW503R	183	-0.001	7/ 5/78	350	20	1	2	18	1	1	1	1	1	4	3	1	300
MOLW504R	178	-0.001	7/ 5/78	350	20	1	1	2	1	4	1	1	1	3	3	1	315
MOLW505R	265	-0.001	7/ 5/78	350	26	1	5	28	2	1	1	1	1	6	3	1	U
MOLW506R	235	0.020	7/ 5/78	350	19	1	2	5	1	1	1	1	1	6	3	1	100
MOLW507R	229	-0.001	7/ 6/78	350	17	1	1	44	1	1	1	1	1	1	3	1	365
MOLW508R	222	-0.001	7/ 6/78	350	18	1	1	55	1	1	1	1	1	4	3	1	490
MOLW509R	230	-0.001	7/ 6/78	350	22	1	1	10	1	1	1	1	1	4	3	1	400
MOLW510R	217	-0.001	7/ 6/78	350	18	1	1	9	1	1	1	1	1	6	1	1	125
MOLW511R	225	-0.001	7/ 6/78	350	20	1	4	10	4	1	1	1	1	6	1	1	200
MOLW512R	147	-0.001	7/ 6/78	350	25	1	1	2	1	1	1	1	1	1	3	1	363
MOLW513R	200	-0.001	7/ 6/78	350	21	1	2	15	3	1	1	1	1	3	1	1	530
MOLW514R	180	0.010	7/ 6/78	350	20	1	1	50	1	1	1	1	1	1	3	1	323
MOLW515R	374	-0.001	7/ 6/78	350	21	1	2	70	2	1	1	1	1	1	1	1	300
MOLW516R	215	-0.001	7/ 6/78	350	20	1	1	19	1	1	1	1	1	1	1	1	151
MOLW517R	219	-0.001	7/ 6/78	350	23	1	1	100	1	1	1	1	1	2	1	1	187
MOLW518R	176	-0.001	7/ 6/78	350	23	1	1	24	1	1	1	1	1	1	3	1	447
MOLW519R	175	-0.001	7/10/78	350	23	1	2	40	2	1	1	1	1	1	1	1	140
MOLW520R	220	-0.001	7/10/78	350	24	1	5	U	5	1	1	1	1	6	1	1	U
MOLW521R	102	-0.001	7/10/78	350	19	1	2	19	1	1	1	1	1	1	1	1	620
MOLW522R	82	-0.001	7/10/78	350	27	1	1	6	1	1	1	1	1	1	1	1	155
MOLW523R	174	-0.001	7/10/78	350	25	1	1	30	2	1	1	1	1	1	1	1	375
MOLW524R	237	-0.001	7/10/78	350	24	1	1	75	2	1	1	1	1	1	1	1	199
MOLW525R	233	-0.001	7/10/78	350	23	1	1	27	1	1	1	1	1	1	3	1	200
MOLW526R	218	-0.001	7/10/78	350	25	1	1	2	2	1	1	1	1	3	3	1	178
MOLW527R	220	-0.001	7/10/78	350	22	1	1	26	1	1	1	1	1	3	1	1	390
MOLW528R	245	-0.001	7/10/78	350	20	1	2	24	3	1	1	1	1	4	1	1	400
MOLW529R	230	-0.001	7/10/78	350	19	1	1	20	2	1	1	1	1	4	3	1	230
MOLW530R	217	-0.001	7/10/78	350	21	1	3	15	3	1	1	1	1	1	1	1	100
MOLW531R	233	-0.001	7/10/78	350	22	1	1	12	1	1	1	1	1	1	1	1	410
MOLW532R	214	-0.001	7/10/78	350	20	1	1	8	2	3	1	1	1	1	1	1	300
MOLW533R	208	-0.001	7/10/78	350	22	1	1	7	1	1	1	1	1	1	1	1	364
MOLW534R	193	-0.001	7/10/78	350	21	1	1	10	1	1	1	1	1	4	1	1	298
MOLW535R	231	-0.001	7/10/78	350	23	1	3	50	3	3	1	1	1	1	1	1	300
MOLW536R	197	0.020	7/11/78	350	26	1	1	40	3	4	1	1	1	1	1	1	550
MOLW537R	158	-0.001	7/ 7/78	349	20	1	1	6	1	1	1	1	1	1	7	1	125
MOLW538R	104	-0.001	7/ 7/78	349	17	1	2	U	5	1	1	1	1	1	1	1	70
MOLW539R	276	-0.001	7/ 7/78	349	18	1	5	U	5	1	1	1	1	6	7	1	U
MOLW540R	184	-0.001	7/ 7/78	349	22	1	2	2	1	1	1	1	1	3	7	1	480
MOLW541R	198	-0.001	7/ 7/78	349	22	1	1	15	1	1	1	1	1	1	7	1	450
MOLW542R	224	-0.001	7/ 7/78	349	25	1	1	25	4	1	1	1	2	3	1	1	405
MOLW543R	252	-0.001	7/ 7/78	349	19	1	1	25	1	1	1	1	1	3	7	1	85
MOLW544R	158	-0.001	7/ 7/78	349	20	1	1	20	3	1	1	1	1	6	7	1	425
MOLW545R	385	-0.001	7/ 7/78	349	21	1	5	36	1	1	1	1	1	6	1	1	U
MOLW546R	205	-0.001	7/ 7/78	349	25	1	5	U	5	1	1	1	1	1	1	1	U
MOLW547R	186	-0.001	7/ 8/78	349	24	1	5	4	2	1	1	1	1	3	7	1	U
MOLW548R	195	0.030	7/ 8/78	349	27	1	2	5	1	1	1	1	1	1	7	1	200
MOLW549R	304	-0.001	7/ 8/78	349	18	1	1	39	1	1	1	1	1	1	1	1	165
MOLW550R	204	-0.001	7/ 8/78	349	32	1	1	22	1	1	1	1	1	1	7	2	587
MOLW551R	459	-0.001	7/ 8/78	349	43	1	1	51	1	2	1	1	1	1	7	1	20

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O R	P I P E C O M P	W E L L C L A S S	W E L L D E P T H	
MOLW552R	467	-0.001	7/ 8/78	349	26	1	2	50	2	1	1	1	1	6	1	1	200
MOLW553R	246	-0.001	7/ 8/78	349	19	1	1	1	1	1	1	1	1	3	1	1	360
MOLW554R	189	-0.001	7/ 8/78	349	19	1	5	1	1	1	1	1	1	3	1	1	U
MOLW555R	230	-0.001	7/ 8/78	349	20	1	1	17	1	1	1	1	1	6	7	1	400
MOLW556R	282	-0.001	7/ 8/78	349	22	1	2	U	5	2	1	1	1	4	3	1	35
MOLW557R	280	-0.001	7/ 8/78	349	23	1	5	U	5	1	1	1	1	6	7	1	U
MOLW558R	248	-0.001	7/ 8/78	349	22	1	1	60	2	1	1	1	1	1	7	1	286
MOLW559R	223	-0.001	7/ 8/78	349	19	1	5	75	2	2	1	1	1	3	1	1	28
MOLW560R	200	-0.001	7/10/78	349	22	1	1	30	2	1	1	1	4	3	1	1	400
MOLW561R	200	-0.001	7/10/78	349	21	1	5	U	5	1	1	1	1	1	1	1	U
MOLW562R	178	-0.001	7/10/78	349	26	1	1	15	2	1	1	1	1	1	7	1	357
MOLW563R	212	-0.001	7/10/78	349	19	1	2	33	1	1	1	1	1	1	1	1	400
MOLW564R	211	-0.001	7/10/78	349	20	1	2	10	1	1	1	1	1	1	1	1	400
MOLW565R	213	-0.001	7/10/78	349	23	1	1	14	2	1	1	1	1	1	7	1	500
MOLW566R	174	-0.001	7/ 8/78	351	18	1	1	25	3	1	1	1	1	1	7	1	175
MOLW567R	181	-0.001	7/ 8/78	351	17	1	1	15	1	1	1	1	1	1	7	1	500
MOLW568R	463	-0.001	7/ 8/78	351	21	1	4	60	3	1	1	1	1	1	7	1	80
MOLW569R	365	-0.001	7/ 8/78	351	21	1	1	23	3	1	1	1	1	6	7	1	170
MOLW570R	348	0.010	7/ 8/78	351	18	1	1	U	5	1	1	1	1	3	1	1	42
MOLW571R	193	-0.001	7/ 8/78	351	22	1	2	50	4	1	1	1	1	3	7	1	160
MOLW572R	161	-0.001	7/ 8/78	351	19	1	3	3	3	1	1	1	1	1	1	2	325
MOLW573R	169	-0.001	7/ 8/78	351	22	1	2	25	3	1	1	1	1	1	7	1	200
MOLW574R	387	-0.001	7/ 8/78	351	21	1	1	28	3	1	1	1	4	1	7	1	256
MOLW575R	238	-0.001	7/ 8/78	351	19	1	1	7	3	1	1	1	1	1	7	1	650
MOLW576R	431	-0.001	7/ 8/78	351	18	1	1	100	4	1	1	1	2	3	1	1	48
MOLW577R	554	-0.001	7/ 8/78	351	20	1	1	1	1	1	1	1	1	6	7	1	510
MOLW578R	508	-0.001	7/ 8/78	351	18	1	5	U	5	1	1	1	1	6	7	1	U
MOLW579R	604	-0.001	7/ 9/78	349	24	1	2	10	1	1	1	1	1	1	1	1	365
MOLW580R	226	-0.001	7/ 9/78	349	19	1	1	15	1	1	1	1	1	1	3	1	478
MOLW581R	302	-0.001	7/ 9/78	349	20	1	1	9	1	1	1	1	1	1	1	1	630
MOLW582R	363	-0.001	7/ 9/78	349	19	1	1	U	5	1	1	1	1	1	1	1	52
MOLW583R	172	-0.001	7/ 9/78	349	21	1	5	U	5	1	1	1	1	1	7	1	U
MOLW584R	442	-0.001	7/ 9/78	349	30	1	1	20	1	1	1	1	1	1	7	1	175
MOLW585R	176	-0.001	7/ 9/78	349	24	1	1	75	1	1	1	1	1	1	7	1	212
MOLW586R	228	-0.001	7/ 9/78	349	21	1	1	10	4	1	1	1	1	3	1	1	76
MOLW587R	199	-0.001	7/ 9/78	349	20	1	4	7	1	1	1	1	1	3	1	1	150
MOLW588R	189	-0.001	7/ 9/78	349	19	1	1	8	1	1	1	1	1	1	1	1	617
MOLW589R	185	-0.001	7/ 9/78	349	22	1	1	1	1	1	1	1	1	1	7	1	200
MOLW590R	138	-0.001	7/13/78	349	21	1	1	48	1	1	1	1	1	1	7	1	156
MOLW591R	315	-0.001	7/13/78	349	18	1	1	7	1	1	1	1	1	1	7	1	420
MOLW592R	201	-0.001	7/13/78	349	20	1	2	1	1	1	1	1	1	3	1	1	280
MOLW593R	207	-0.001	7/13/78	349	24	1	1	U	5	2	1	1	1	3	7	1	30
MOLW594R	210	-0.001	7/13/78	349	22	1	1	80	2	1	1	1	1	1	7	1	250
MOLW595R	191	-0.001	7/13/78	349	19	1	1	8	1	1	1	1	1	1	7	1	225
MOLW596R	219	-0.001	7/13/78	349	19	1	1	78	1	1	1	1	1	6	1	1	90
MOLW597R	231	-0.001	7/13/78	349	20	1	2	7	4	1	1	1	1	1	7	2	300
MOLW598R	189	-0.001	7/ 6/78	352	19	1	1	30	3	1	1	1	1	1	7	1	168
MOLW599R	220	-0.001	7/ 6/78	352	19	1	1	35	2	1	1	1	1	1	1	1	303
MOLW600R	207	-0.001	7/ 6/78	352	18	1	2	35	2	1	1	1	1	1	7	1	400
MOLW601R	207	-0.001	7/ 6/78	352	18	1	2	7	1	1	1	1	1	1	3	1	390

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L O D O R	P I P E C O M P	W E L L C L O C	W E L L C L A S S	W E L L D E P T H
MOLW602R	179	-0.001	7/ 7/78	352	19	1	1	4	1	1	1	1	1	1	7	1	324
MOLW603R	177	-0.001	7/ 7/78	352	25	1	1	50	2	1	1	1	1	1	7	1	100
MOLW604R	197	-0.001	7/ 7/78	352	18	1	3	35	3	1	1	1	1	1	3	1	500
MOLW605R	344	-0.001	7/ 7/78	352	21	1	2	100	2	2	1	1	1	1	3	1	25
MOLW606R	184	-0.001	7/ 7/78	352	18	1	1	52	1	1	1	1	1	1	1	1	166
MOLW607R	172	-0.001	7/ 7/78	352	23	1	2	40	2	1	1	1	1	1	1	1	165
MOLW608R	180	-0.001	7/ 7/78	352	18	1	1	20	2	1	1	1	1	4	1	1	300
MOLW609R	177	-0.001	7/ 7/78	352	18	1	5	U	5	1	1	1	1	1	1	1	U
MOLW610R	207	-0.001	7/ 7/78	352	22	1	5	5	2	1	1	1	1	6	7	1	U
MOLW611R	174	-0.001	7/ 8/78	352	21	1	1	10	1	1	1	1	1	3	1	1	380
MOLW612R	419	-0.001	7/ 8/78	352	19	1	3	50	3	1	1	1	1	6	1	1	65
MOLW613R	258	-0.001	7/ 8/78	352	20	1	1	1	1	1	1	1	1	1	3	1	175
MOLW614R	343	-0.001	7/ 8/78	352	18	1	2	7	1	1	1	1	1	1	1	1	375
MOLW615R	211	-0.001	7/ 8/78	352	18	1	1	22	2	1	1	1	1	1	1	1	306
MOLW616R	144	-0.001	7/ 8/78	352	18	1	1	30	1	1	1	1	1	6	1	1	40
MOLW617R	96	-0.001	7/ 8/78	352	24	1	1	55	2	1	1	1	1	1	7	1	112
MOLW618R	227	-0.001	7/ 8/78	352	19	1	1	7	1	1	1	1	1	1	1	1	500
MOLW619R	580	0.020	7/ 8/78	352	18	1	1	6	2	1	1	1	1	1	1	1	520
MOLW620R	319	-0.001	7/ 8/78	352	21	1	1	100	2	1	1	1	1	1	3	1	28
MOLW621R	198	-0.001	7/ 8/78	352	19	1	2	10	2	1	1	1	1	6	1	1	400
MOLW622R	168	-0.001	7/13/78	349	20	1	2	75	1	1	1	1	1	2	7	1	160
MOLW623R	196	-0.001	7/13/78	349	20	1	1	50	2	1	1	1	1	1	1	1	220
MOLW624R	206	-0.001	7/13/78	349	19	1	1	3	1	1	1	1	1	1	1	1	650
MOLW625R	215	-0.001	7/13/78	349	20	1	1	10	2	1	1	1	1	6	7	1	550
MOLW626R	269	-0.001	7/13/78	349	18	1	5	6	1	1	1	1	1	3	1	1	U
MOLW627R	123	-0.001	7/13/78	349	19	1	1	30	4	1	1	1	1	1	7	1	600
MOLW628R	221	-0.001	7/13/78	349	18	1	1	1	1	1	1	1	1	1	2	1	370
MOLW629R	138	-0.001	7/13/78	349	20	1	1	43	1	1	1	1	1	1	1	1	265
MOLW630R	35	-0.001	7/13/78	349	20	1	2	13	1	1	1	1	1	1	1	1	875
MOLW631R	93	-0.001	7/13/78	349	21	1	1	1	1	1	1	1	1	3	7	1	220
MOMC501R	159	-0.001	7/24/78	351	20	1	2	10	2	1	1	1	2	1	1	1	500
MOMC502R	111	-0.001	7/24/78	351	21	1	1	5	1	1	1	1	2	3	1	1	450
MOMC503R	75	-0.001	7/24/78	351	19	1	1	6	1	1	1	1	3	1	7	1	364
MOMC504R	88	-0.001	7/24/78	351	19	1	1	5	1	1	1	1	3	1	7	1	365
MOMC505R	71	-0.001	7/24/78	351	17	1	1	14	1	1	1	1	1	1	7	1	107
MOMC506R	109	-0.001	7/24/78	351	18	1	1	6	1	1	2	1	3	1	1	7	504
MOMC507R	114	-0.001	7/25/78	351	20	1	1	65	3	1	1	1	1	3	7	1	70
MOMC508R	105	-0.001	7/25/78	351	20	1	2	25	3	1	4	1	1	3	7	1	700
MOMC509R	111	-0.001	7/25/78	351	22	1	1	20	2	1	1	1	2	1	7	1	440
MOMC510R	122	-0.001	7/25/78	351	18	1	3	50	4	2	1	1	1	3	7	1	65
MOMC511R	214	-0.001	7/25/78	351	19	1	1	14	2	1	1	1	1	1	1	1	168
MOMC512R	102	-0.001	7/25/78	351	19	1	1	6	1	1	1	1	2	1	1	1	665
MOMC513R	106	-0.001	7/25/78	351	19	1	1	4	2	1	1	1	2	1	7	1	303
MOMC514R	121	-0.001	7/25/78	351	19	1	4	10	4	1	1	1	1	1	7	1	300
MOMC515R	110	-0.001	7/25/78	351	20	1	3	38	2	1	1	1	1	1	7	1	200
MOMC516R	113	0.020	7/25/78	351	20	1	2	4	1	1	1	1	2	3	7	1	320
MOMC517R	106	-0.001	7/25/78	351	17	1	5	U	5	1	1	1	2	6	7	1	U
MOMC518R	111	-0.001	7/25/78	351	18	1	1	1	1	1	1	1	2	1	7	1	330
MOMC519R	124	-0.001	7/26/78	351	20	1	3	5	4	1	1	1	2	1	7	1	200
MOMC520R	169	-0.001	7/26/78	351	23	1	1	22	2	1	1	1	1	1	7	1	90

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E C O M	W E L L C O C L A S S	W E L L D E P T H	
MOMC521R	116	-0.001	7/26/78	351	20	1	1	20	3	2	1	1	1	3	1	1	14
MOMC522R	99	-0.001	7/26/78	351	18	1	1	50	3	1	1	1	1	1	7	1	122
MOMC523R	98	-0.001	7/26/78	351	20	1	1	50	3	1	1	1	1	1	1	1	82
MOMC524R	87	-0.001	7/26/78	351	19	1	1	20	2	1	1	1	1	4	7	1	411
MOMC525R	111	-0.001	7/26/78	351	21	1	4	16	4	1	1	1	3	6	7	1	350
MOMC526R	125	-0.001	7/26/78	351	18	1	1	14	1	1	1	1	1	1	1	1	250
MOMC527R	105	-0.001	7/26/78	351	21	1	1	4	1	1	1	1	1	3	1	9	485
MOMC528R	108	-0.001	7/26/78	351	19	1	1	39	1	1	1	1	1	3	7	1	160
MOMC529R	124	-0.001	7/20/78	351	19	2	1	999	1	4	1	1	1	7	7	1	0
MOMC530R	97	-0.001	7/20/78	351	24	1	3	75	4	2	1	1	1	3	7	1	25
MOMC531R	104	-0.001	7/20/78	351	20	1	1	38	2	1	1	1	1	3	1	1	60
MOMC532R	106	-0.001	7/20/78	351	19	1	1	2	1	1	1	1	1	3	7	1	269
MOMC533R	118	-0.001	7/20/78	351	22	2	1	999	1	4	1	1	1	6	7	1	0
MOMC534R	93	-0.001	7/20/78	351	21	1	2	5	2	1	1	1	2	3	7	1	125
MOMC535R	97	-0.001	7/20/78	351	19	1	1	30	1	1	1	1	1	3	1	1	350
MOMC536R	82	-0.001	7/20/78	351	23	1	1	13	1	1	1	1	1	1	7	1	402
MOMC537R	98	-0.001	7/20/78	351	21	1	5	U	5	4	1	1	3	6	7	1	U
MOMC538R	105	-0.001	7/20/78	351	18	2	1	999	1	4	1	1	1	7	4	1	0
MOMC539R	87	-0.001	7/20/78	351	20	1	5	5	3	1	1	1	2	3	7	1	U
MOMC540R	120	-0.001	7/21/78	351	19	1	2	48	3	2	1	1	1	1	2	1	50
MOMC541R	86	-0.001	7/21/78	351	22	1	1	36	1	1	1	1	1	1	7	1	100
MOMC542R	73	-0.001	7/21/78	351	21	1	1	14	1	1	1	1	1	3	7	1	484
MOMC543R	87	-0.001	7/21/78	351	18	1	1	50	4	1	1	1	1	1	1	1	117
MOMC544R	93	-0.001	7/21/78	351	24	1	5	U	5	1	1	1	1	6	7	1	U
MOMC545R	78	-0.001	7/21/78	351	22	1	1	69	1	1	1	1	3	1	7	1	490
MOMC546R	92	0.010	7/21/78	351	20	1	1	100	2	1	1	1	1	1	1	1	129
MOMC547R	83	-0.001	7/21/78	351	25	1	3	30	4	2	1	1	1	6	7	1	20
MOMC548R	82	-0.001	7/21/78	351	20	1	1	5	1	1	1	1	3	3	7	1	210
MOMC549R	48	-0.001	7/24/78	351	22	1	1	8	2	1	1	1	1	3	7	1	85
MOMC550R	95	-0.001	7/24/78	351	20	1	2	9	1	1	1	1	2	1	7	1	475
MOMC551R	63	-0.001	7/24/78	351	18	1	1	19	1	1	1	1	1	1	1	1	72
MOMC552R	39	-0.001	7/24/78	351	20	1	3	50	4	1	1	1	3	1	7	1	200
MOMC553R	87	-0.001	7/24/78	351	19	1	3	3	1	1	1	1	1	3	7	1	200
MOMC554R	87	-0.001	7/24/78	351	22	1	1	4	1	1	1	1	3	1	1	1	445
MOMC555R	99	-0.001	7/24/78	351	18	1	1	10	2	1	1	1	2	1	7	1	420
MOMC556R	85	-0.001	7/24/78	351	17	1	1	1	1	1	1	1	1	6	7	1	465
MOMC557R	90	-0.001	7/22/78	352	18	2	1	999	1	4	1	1	1	6	4	1	0
MOMC558R	105	-0.001	7/22/78	352	26	1	3	15	3	1	1	1	1	6	1	1	600
MOMC559R	80	-0.001	7/22/78	352	24	1	2	25	2	1	1	1	3	3	1	1	100
MOMC560R	107	-0.001	7/22/78	352	22	1	5	U	5	1	1	1	1	6	1	1	U
MOMC561R	96	-0.001	7/22/78	352	27	2	1	999	1	4	1	1	1	3	7	1	0
MOMC562R	107	-0.001	7/22/78	352	21	1	2	48	2	1	1	1	1	3	1	1	125
MOMC563R	77	-0.001	7/22/78	352	20	1	1	10	1	1	1	1	2	1	1	1	608
MOMC564R	131	-0.001	7/22/78	352	21	2	1	999	1	4	1	1	1	3	4	1	0
MOMC565R	99	-0.001	7/22/78	352	24	1	1	25	2	1	1	1	1	6	1	1	140
MOMC566R	81	-0.001	7/22/78	352	26	1	1	20	2	1	1	1	1	6	7	1	165
MOMC567R	92	-0.001	7/22/78	352	19	1	1	30	2	1	1	1	1	3	1	1	169
MOMC568R	99	-0.001	7/22/78	352	26	1	4	30	3	1	1	1	2	6	7	2	80
MOMC569R	203	-0.001	7/23/78	352	26	1	1	15	2	1	1	1	1	6	7	1	300
MOMC570R	98	-0.001	7/23/78	352	23	1	1	3	2	1	1	1	1	3	7	1	98

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E C O M	W E L L C O C	W E L L C L A S S	W E L L D E P T H
MOMC571R	103	-0.001	7/23/78	352	26	1	1	30	2	1	1	1	1	3	7	1	160
MOMC572R	97	-0.001	7/23/78	352	26	1	4	100	4	1	1	1	1	6	7	1	60
MOMC573R	120	-0.001	7/23/78	352	20	1	1	23	2	1	1	1	1	1	7	1	60
MOMC574R	153	-0.001	7/23/78	352	21	1	3	12	3	1	1	1	1	6	7	1	300
MOMC575R	147	-0.001	7/23/78	352	19	1	1	17	1	1	1	1	2	3	1	1	750
MOMC576R	202	-0.001	7/23/78	352	22	1	5	U	5	1	1	1	1	6	7	1	U
MOMC577R	240	-0.001	7/23/78	352	23	1	1	5	1	1	1	1	1	3	7	1	44
MOMC578R	163	-0.001	7/23/78	352	17	1	1	23	3	1	1	1	1	3	1	1	160
MOMC579R	71	-0.001	7/24/78	352	19	1	1	65	2	1	1	1	2	3	7	1	115
MOMC580R	207	-0.001	7/24/78	352	18	1	3	20	3	1	1	1	1	3	7	1	150
MOMC581R	109	-0.001	7/24/78	352	20	1	1	2	1	1	1	1	1	1	1	1	454
MOMC582R	64	-0.001	7/24/78	352	22	1	5	U	5	1	1	1	3	6	7	1	U
MOMC583R	44	0.010	7/24/78	352	22	1	1	5	1	1	1	1	2	1	7	1	611
MOMC584R	155	-0.001	7/16/78	350	26	2	1	999	1	4	1	1	1	3	4	1	0
MOMC585R	129	-0.001	7/16/78	350	24	2	1	999	1	4	1	1	1	3	4	1	0
MOMC586R	189	-0.001	7/16/78	350	23	1	1	8	1	1	1	1	2	3	1	1	130
MOMC587R	96	-0.001	7/16/78	350	20	1	3	3	1	1	2	1	1	1	1	1	600
MOMC588R	130	-0.001	7/16/78	350	20	1	1	27	1	1	1	1	3	1	1	1	172
MOMC589R	103	-0.001	7/16/78	350	26	1	1	5	1	1	1	1	1	1	1	1	400
MOMC590R	243	-0.001	7/16/78	350	29	1	1	100	1	2	1	1	1	3	3	1	38
MOMC591R	417	-0.001	7/16/78	350	25	1	5	U	5	1	1	1	1	6	1	1	U
MOMC592R	187	-0.001	7/16/78	350	29	1	2	12	2	1	1	1	1	6	3	1	92
MOMC593R	262	-0.001	7/16/78	350	31	2	1	999	1	4	1	1	1	3	4	1	0
MOMC594R	198	-0.001	7/16/78	350	22	2	1	999	1	4	1	1	1	1	1	1	0
MOMC595R	193	-0.001	7/29/78	350	21	1	1	15	1	1	1	1	1	6	1	1	200
MOMC596R	212	-0.001	7/29/78	350	17	2	1	999	1	4	1	1	1	6	4	1	0
MOMC597R	198	-0.001	7/29/78	350	24	1	1	12	1	1	1	1	1	1	1	1	292
MOMC598R	191	-0.001	7/29/78	350	18	1	1	15	2	1	1	1	1	6	4	1	75
MOMC599R	204	-0.001	7/29/78	350	20	1	1	10	3	1	1	1	1	4	1	1	340
MOMC600R	217	-0.001	7/29/78	350	23	1	1	17	1	1	1	1	1	6	1	1	38
MOMC601R	216	-0.001	7/29/78	350	25	2	1	999	1	4	1	1	1	1	7	1	0
MOMC602R	165	-0.001	7/29/78	350	25	1	1	2	1	1	1	1	1	4	3	1	670
MOMC603R	197	-0.001	7/29/78	350	25	1	1	10	3	1	1	1	1	4	3	1	360
MOMC604R	284	-0.001	7/29/78	350	31	1	1	5	1	1	1	1	1	6	3	1	1000
MOMC605R	104	-0.001	7/29/78	350	21	1	1	17	1	1	1	1	2	1	3	1	250
MOMC606R	145	-0.001	7/29/78	350	22	1	1	28	1	1	1	1	2	3	1	1	190
MOMC607R	194	-0.001	7/29/78	350	23	1	1	12	1	1	1	1	2	6	1	1	260
MOMC608R	211	-0.001	7/29/78	350	22	1	2	7	1	1	1	1	2	6	3	1	100
MOMC609R	174	-0.001	7/29/78	350	24	2	1	999	1	4	1	1	1	3	4	1	0
MOMC610R	238	-0.001	7/29/78	350	27	2	1	999	1	4	1	1	1	3	3	1	0
MOMC611R	384	-0.001	7/29/78	350	19	1	1	2	1	1	1	1	1	3	3	1	450
MOMD501R	157	-0.001	11/30/78	406	15	1	1	8	1	1	1	1	1	3	7	1	100
MOMD502R	167	-0.001	11/30/78	406	13	1	2	10	2	1	1	1	1	3	7	1	90
MOMD503R	53	-0.001	11/30/78	406	12	1	5	30	1	1	1	1	1	1	7	1	U
MOMD504R	58	-0.001	11/30/78	406	11	1	1	U	5	1	1	1	1	6	7	1	300
MOMD505R	M	-0.001	11/30/78	406	20	1	1	U	5	1	1	1	1	6	7	1	100
MOMD506R	69	-0.001	12/ 1/78	406	14	1	5	U	5	1	1	1	1	6	1	1	U
MOMD507R	180	0.020	12/ 1/78	406	17	1	1	12	1	1	1	1	1	3	7	1	115
MOMD508R	65	-0.001	12/ 1/78	406	20	1	1	6	1	1	1	1	1	3	7	1	185
MOMD509R	136	-0.001	12/ 1/78	406	16	1	5	U	5	1	1	1	1	6	7	1	U

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L D E P T H F T	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E C O M P	W E L L C O L L	W E L L C L A S S	W E L L D E P T H
MOMD510R	67	-0.001	12/ 1/78	406	14	1	5	12	1	1	1	1	1	3	7	1	U
MOMD511R	90	-0.001	12/ 1/78	406	15	1	1	50	1	1	1	1	1	3	7	1	180
MOMD512R	218	-0.001	12/ 1/78	406	17	1	1	20	1	1	1	1	1	3	7	1	325
MOMD513R	99	-0.001	12/ 1/78	406	15	1	1	3	1	1	1	1	1	3	7	1	330
MOMD514R	69	-0.001	12/ 1/78	406	14	1	1	6	1	1	1	1	1	3	7	1	350
MOMD515R	79	-0.001	12/ 1/78	406	11	1	5	U	5	1	1	1	1	6	7	1	U
MOMD516R	49	-0.001	12/ 1/78	406	15	2	1	999	1	1	1	1	1	3	7	1	0
MOMD517R	50	-0.001	12/ 1/78	406	16	1	5	20	1	1	1	1	1	3	7	1	U
MOMD518R	69	-0.001	12/ 1/78	406	16	1	5	U	5	1	1	1	1	6	7	1	U
MOMD519R	53	-0.001	12/ 1/78	406	14	1	2	14	2	1	1	1	1	6	7	1	100
MOMD520R	125	-0.001	12/ 1/78	406	17	1	1	20	1	1	1	1	1	3	7	1	78
MOMD521R	89	-0.001	12/ 1/78	406	15	1	1	4	1	1	1	1	1	3	1	1	800
MOMD522R	137	-0.001	12/ 1/78	406	11	1	1	75	1	2	1	1	1	3	7	1	25
MOMD523R	141	-0.001	12/ 1/78	406	13	1	1	7	1	1	1	1	1	3	7	1	35
MOMD524R	73	-0.001	12/ 1/78	406	20	1	5	U	5	1	1	1	1	1	7	1	U
MOMD525R	242	-0.001	12/ 1/78	406	22	1	1	100	1	2	1	1	1	3	7	1	40
MOMD526R	128	-0.001	12/ 1/78	406	23	1	1	20	1	2	1	1	1	4	4	1	22
MOMD527R	155	-0.001	12/ 1/78	406	22	1	5	U	5	1	1	1	1	3	7	1	U
MOMD528R	97	-0.001	12/ 1/78	406	14	1	1	15	1	3	1	1	1	6	7	1	111
MOMD529R	126	-0.001	12/ 1/78	406	12	1	1	18	1	1	1	1	1	3	7	1	100
MOMD530R	141	-0.001	12/ 2/78	406	18	1	1	U	5	1	1	1	1	3	7	1	65
MOMD531R	58	-0.001	12/ 2/78	406	16	1	1	75	1	1	1	1	1	3	7	1	100
MOMD532R	92	-0.001	12/ 2/78	406	15	1	1	U	5	1	1	1	1	6	1	1	225
MOMD533R	149	-0.001	12/ 2/78	406	18	1	1	15	1	1	1	1	1	3	7	1	237
MOMD534R	210	-0.001	12/ 2/78	406	17	1	5	5	1	1	1	1	1	3	7	1	U
MOMD535R	89	-0.001	12/ 2/78	406	14	1	5	U	5	1	1	1	1	6	7	1	U
MOMD536R	177	-0.001	12/ 2/78	406	14	1	2	U	5	1	1	1	1	3	7	1	25
MOMD537R	81	-0.001	12/ 2/78	406	13	1	5	U	5	1	1	1	1	6	7	1	U
MOMD538R	96	-0.001	12/ 2/78	406	14	1	5	10	1	1	1	1	1	6	1	1	U
MOMD539R	122	-0.001	12/ 2/78	406	20	1	5	U	5	1	1	1	1	6	7	1	U
MOMD540R	91	-0.001	12/ 2/78	406	12	2	1	999	1	1	1	1	1	3	7	1	0
MOMD541R	61	-0.001	12/ 2/78	406	11	1	1	20	1	1	1	1	1	1	7	1	700
MOMD542R	54	-0.001	12/ 2/78	406	7	2	1	999	1	4	1	1	1	4	4	1	0
MOMD543R	71	-0.001	12/ 2/78	406	8	2	1	999	1	1	1	1	1	3	7	1	0
MOMD544R	48	-0.001	12/ 2/78	406	6	1	1	6	1	1	1	1	1	3	7	1	120
MOMD545R	54	-0.001	12/ 2/78	406	6	1	5	U	5	1	1	1	1	6	7	1	U
MOMD546R	82	-0.001	12/ 4/78	406	10	1	5	U	5	1	1	1	1	3	7	1	U
MOMD547R	72	-0.001	12/ 4/78	406	15	1	5	U	5	1	1	1	1	6	7	1	U
MOMD548R	98	-0.001	12/ 4/78	406	10	1	5	7	1	1	1	1	1	3	7	1	U
MOMD549R	116	0.020	12/ 4/78	406	12	1	1	2	1	1	1	1	1	3	7	1	410
MOMD550R	118	-0.001	12/ 4/78	406	15	1	2	3	1	1	1	1	1	3	7	1	200
MOMD551R	119	-0.001	12/ 5/78	406	10	1	5	U	5	1	1	1	1	6	7	1	U
MOMD552R	84	-0.001	12/ 5/78	406	16	1	1	15	2	1	1	1	1	1	7	1	285
MOMD553R	74	-0.001	12/ 5/78	406	13	1	1	2	1	1	1	1	1	3	7	1	365
MOMD554R	66	-0.001	12/ 5/78	406	18	1	1	15	1	1	1	1	1	3	7	1	130
MOMD555R	85	-0.001	12/ 5/78	406	13	1	1	U	5	1	1	1	1	3	7	1	183
MOMD556R	105	0.040	12/ 5/78	406	13	1	1	10	1	1	1	1	1	3	7	1	283
MOMD557R	148	-0.001	12/ 5/78	406	11	1	1	9	1	1	1	1	1	3	7	1	197
MOMD558R	129	-0.001	12/ 5/78	406	12	1	2	U	5	1	1	1	1	3	7	1	200
MOMD559R	61	-0.001	12/ 5/78	406	10	1	1	14	1	1	1	1	1	3	7	1	165

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L D E P T H	D E P T H	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E C O M	W E L L C O L L A S S	W E L L D E P T H	
MOMD560R	87	-0.001	12/ 5/78	406	9	1	1	100	1	3	1	1	1	3	7	1	40
MOMD561R	85	-0.001	12/ 5/78	406	10	1	5	30	2	1	1	1	1	1	7	1	U
MOMD562R	76	-0.001	12/ 5/78	406	10	2	1	999	1	1	1	1	1	1	7	1	0
MOMD563R	62	-0.001	12/ 5/78	406	12	1	1	20	2	1	1	1	1	1	7	1	300
MOMD564R	68	-0.001	12/ 5/78	406	13	1	1	15	2	1	1	1	1	6	1	1	250
MOMD565R	118	-0.001	12/ 5/78	406	14	1	1	25	1	1	1	1	1	1	7	1	160
MOMD566R	M	-0.001	12/ 5/78	406	12	2	1	999	1	4	1	1	1	6	7	1	0
MOMD567R	157	-0.001	12/ 5/78	406	11	1	1	12	1	1	1	1	1	3	7	1	65
MOMD568R	62	-0.001	12/ 5/78	406	9	1	1	5	1	1	1	1	1	3	7	1	304
MOMD569R	98	-0.001	12/ 5/78	406	11	1	1	15	1	1	1	1	1	3	7	1	160
MOMD570R	50	-0.001	12/ 5/78	406	11	1	1	15	1	1	1	1	1	3	7	1	85
MOMD571R	57	-0.001	12/ 5/78	406	12	1	1	4	1	1	1	1	1	3	7	1	120
MOMD572R	66	-0.001	12/ 5/78	406	18	1	1	18	1	1	1	1	1	3	7	1	92
MOMD573R	97	-0.001	12/ 6/78	406	14	1	1	25	1	1	1	1	1	3	7	1	100
MOMD574R	160	-0.001	12/ 6/78	406	12	1	1	9	1	3	1	1	1	3	7	1	12
MOMD575R	100	-0.001	12/ 6/78	406	11	1	1	8	1	1	1	1	1	3	7	1	65
MOMD576R	52	-0.001	12/ 6/78	406	10	1	5	U	5	1	1	1	1	6	7	1	U
MOMD577R	47	-0.001	12/ 6/78	406	12	1	1	10	1	1	1	1	1	6	7	1	60
MOMD578R	43	-0.001	12/ 6/78	406	11	1	5	55	1	1	1	1	1	1	7	1	U
MOMD579R	54	-0.001	12/ 6/78	406	14	1	1	28	1	1	1	1	1	3	7	1	130
MOMD580R	51	-0.001	12/ 6/78	406	12	1	1	30	1	1	1	1	1	1	3	1	100
MOMD581R	44	-0.001	12/ 6/78	406	11	1	1	6	1	1	1	1	1	3	7	1	130
MOMD582R	40	-0.001	12/ 6/78	406	10	1	5	U	5	1	1	1	1	6	7	1	U
MOMD583R	62	-0.001	12/ 6/78	406	10	2	1	999	1	4	1	1	1	3	7	1	0
MOMS501R	12	-0.001	10/22/78	369	18	1	1	4	1	3	1	1	1	3	1	1	55
MOMS502R	7	-0.001	10/22/78	369	18	1	4	5	4	3	1	1	1	1	1	1	30
MOMS503R	8	-0.001	10/22/78	369	17	1	1	4	4	3	1	1	1	1	1	1	25
MOMS504R	15	-0.001	10/22/78	369	19	1	1	10	2	3	1	1	1	1	1	1	30
MOMS505R	M	-0.001	10/22/78	369	18	1	1	1	1	3	1	1	1	3	1	1	15
MOMS506R	10	-0.001	10/21/78	369	18	1	1	13	1	1	1	1	1	1	1	1	12
MOMS507R	6	-0.001	10/22/78	369	16	1	1	10	1	3	1	1	1	1	7	1	15
MOMS508R	7	-0.001	10/22/78	369	17	1	1	4	1	3	1	1	1	1	7	1	15
MOMS509R	4	-0.001	10/22/78	369	18	1	1	2	1	1	1	1	1	3	1	1	15
MOMS510R	9	-0.001	10/22/78	369	17	1	2	4	2	3	1	1	1	1	7	1	15
MOMS511R	10	2.240	10/22/78	369	18	1	1	10	1	3	1	1	1	1	1	1	14
MOMS512R	14	-0.001	10/21/78	369	17	1	4	10	2	1	1	1	2	3	1	1	15
MOMS513R	10	-0.001	10/22/78	369	17	1	1	2	1	3	1	1	4	3	1	1	15
MOMS514R	8	-0.001	10/22/78	369	18	1	1	3	1	1	1	1	1	3	1	1	14
MOMS515R	5	-0.001	10/22/78	369	17	1	4	15	4	3	1	1	1	1	1	1	20
MOMS516R	18	-0.001	10/22/78	369	18	1	4	1	1	3	1	1	1	3	1	1	25
MOMS517R	9	2.100	10/22/78	369	17	1	4	15	1	3	1	1	1	1	1	1	20
MOMS518R	5	-0.001	10/22/78	369	18	1	1	4	1	3	1	1	1	1	3	1	30
MOMS519R	7	1.130	10/22/78	369	17	1	4	5	4	3	1	1	1	1	7	1	25
MOMS520R	9	-0.001	10/22/78	369	18	1	3	10	1	3	1	1	4	1	1	1	90
MOMS521R	6	-0.001	10/22/78	369	20	1	4	10	4	3	1	1	4	1	1	1	25
MOMS522R	10	-0.001	10/22/78	369	17	1	4	10	1	3	1	1	1	1	1	1	30
MOMS523R	16	-0.001	10/23/78	373	20	1	5	3	1	3	1	1	1	3	1	1	U
MOMS524R	16	-0.001	10/23/78	373	18	1	5	2	1	3	1	1	1	1	1	1	U
MOMS525R	6	-0.001	10/23/78	373	16	1	5	10	1	3	1	1	1	1	1	1	U
MOMS526R	11	-0.001	10/23/78	373	17	1	2	8	1	3	1	1	1	1	1	1	20

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	H E L P S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O R	P I P E C O M P	W E L L C L A S S	W E L L D E P T H
MOMS527R	14	-0.001	10/23/78	373	17	1	1	4	1	3	1	1	1	1	1	24
MOMS528R	M	-0.001	10/23/78	373	17	1	1	10	1	3	1	1	1	1	1	52
MOMS529R	M	-0.001	10/23/78	373	16	1	5	10	1	3	1	1	1	1	1	U
MOMS530R	10	-0.001	10/23/78	373	15	1	5	1	1	3	1	1	1	3	1	U
MOMS531R	10	-0.001	10/23/78	373	16	1	1	4	1	3	1	1	1	1	1	22
MOMS532R	11	-0.001	10/23/78	373	15	1	5	2	1	3	1	1	1	1	1	U
MOMS533R	11	-0.001	10/23/78	373	17	1	1	10	1	3	1	1	1	1	1	100
MOMS534R	22	1.160	10/23/78	373	16	1	5	1	1	3	1	1	1	1	1	U
MOMS535R	23	-0.001	10/23/78	373	17	1	5	6	1	3	1	1	1	1	1	U
MOMS536R	8	-0.001	10/23/78	373	16	1	5	3	1	3	1	1	1	1	1	U
MOMS537R	780	-0.001	10/23/78	373	16	1	2	1	1	3	1	1	1	1	1	52
MOMS538R	M	-0.001	10/23/78	373	16	1	1	10	1	3	1	1	1	1	1	14
MOMS539R	10	-0.001	10/23/78	373	15	1	5	1	1	3	1	1	1	1	1	U
MOMS540R	7	0.960	10/23/78	373	17	1	5	1	1	3	1	1	1	1	1	U
MOMS541R	20	-0.001	10/23/78	373	17	1	5	3	1	3	1	1	1	3	1	U
MOMS542R	10	-0.001	10/23/78	373	18	1	1	2	1	3	1	1	1	1	1	50
MOMS543R	36	-0.001	10/24/78	373	18	1	5	1	1	3	1	1	1	1	1	U
MOMS544R	10	-0.001	10/24/78	373	13	1	5	15	1	3	1	1	1	1	1	U
MOMS545R	21	-0.001	10/24/78	373	16	1	1	10	1	3	1	1	1	1	1	25
MOMS546R	9	-0.001	10/24/78	373	17	1	1	3	1	3	1	1	1	3	1	18
MOMS547R	9	-0.001	10/24/78	373	19	1	5	2	1	3	1	1	1	1	1	U
MOMS548R	18	-0.001	10/24/78	373	17	1	5	9	1	3	1	1	1	1	1	U
MOMS549R	6	-0.001	10/24/78	373	15	1	1	4	1	3	1	1	1	1	1	25
MOMS550R	M	-0.001	10/24/78	373	17	1	1	5	1	3	1	1	1	3	1	30
MOMS551R	5	-0.001	10/24/78	373	20	1	5	9	1	3	1	1	1	6	6	U
MOMS552R	9	-0.001	10/24/78	373	17	1	5	3	1	3	1	1	1	1	1	U
MOMS553R	13	-0.001	10/24/78	373	16	1	2	5	1	3	1	1	1	1	1	30
MOMS554R	M	-0.001	10/24/78	373	17	1	5	5	1	3	1	1	1	1	6	U
MOMS555R	6	-0.001	10/24/78	373	18	1	5	U	5	3	1	1	1	1	6	U
MOMS556R	8	-0.001	10/24/78	373	17	1	2	2	2	3	1	1	1	3	1	30
MOMS557R	4	-0.001	10/24/78	373	15	1	2	10	1	3	1	1	1	1	1	30
MOMS558R	6	-0.001	10/24/78	373	17	1	5	5	1	3	1	1	1	1	1	U
MOMS559R	5	-0.001	10/24/78	373	17	1	1	12	1	3	1	1	1	1	1	32
MOMS560R	M	-0.001	10/24/78	373	17	1	2	5	1	3	1	1	1	1	1	30
MOMS561R	14	3.190	10/24/78	373	16	1	2	2	1	3	1	1	2	1	1	60
MOMS562R	8	-0.001	10/24/78	373	15	1	2	9	1	3	1	1	1	1	1	30
MOMS563R	9	1.150	10/24/78	369	17	1	1	2	1	3	1	1	1	3	1	25
MOMS564R	6	-0.001	10/24/78	369	14	1	1	1	1	3	1	1	1	3	1	25
MOMS565R	21	-0.001	10/24/78	369	15	1	1	3	1	3	1	1	1	1	1	20
MOMS566R	49	-0.001	10/24/78	369	15	1	1	5	1	3	1	1	1	3	7	35
MOMS567R	2	-0.001	10/23/78	369	17	1	1	10	1	3	1	1	1	3	3	25
MOMS568R	3	-0.001	10/23/78	363	15	1	4	10	4	3	1	1	1	1	7	20
MOMS569R	5	-0.001	10/24/78	369	15	1	3	3	1	3	1	1	4	1	1	25
MOMS570R	17	-0.001	10/24/78	369	16	1	2	2	2	3	1	1	1	1	1	35
MOMS571R	9	-0.001	10/24/78	369	17	1	1	3	1	3	1	1	4	1	1	25
MOMS572R	7	-0.001	10/24/78	369	16	1	4	10	1	3	1	1	1	1	1	25
MOMS573R	13	-0.001	10/24/78	369	17	1	1	4	1	3	1	1	4	3	1	35
MOMS574R	11	-0.001	10/24/78	369	15	1	1	6	1	3	1	1	1	1	1	120
MOMS575R	21	-0.001	10/24/78	369	15	1	1	2	1	3	1	1	1	1	1	35
MOMS576R	9	-0.001	10/24/78	369	16	1	1	1	1	3	1	1	4	3	1	30

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E C O M P	W E L L C L A S S	W E L L D E P T H	
MOM5577R	14	-0.001	10/24/78	369	14	1	1	5	1	3	1	1	4	1	7	1	45
MOM5578R	12	-0.001	10/24/78	369	15	1	1	3	1	3	1	1	1	1	1	1	25
MOM5579R	9	-0.001	10/24/78	369	13	1	1	10	1	3	1	1	1	1	1	1	25
MONE501R	6	-0.001	10/20/78	369	17	1	1	10	1	3	3	1	1	1	1	1	115
MONE502R	13	-0.001	10/20/78	369	17	1	1	2	1	3	1	1	1	1	1	1	14
MONE503R	5	-0.001	10/20/78	369	15	1	1	4	1	3	1	1	1	1	1	1	35
MONE504R	M	-0.001	10/20/78	369	17	1	1	5	1	3	3	1	4	3	1	1	40
MONE505R	7	-0.001	10/20/78	369	15	1	1	2	1	1	1	1	1	1	1	1	20
MONE506R	M	1.770	10/20/78	369	18	1	1	1	1	3	1	1	4	1	1	1	18
MONE507R	7	-0.001	10/20/78	369	17	1	2	1	1	1	1	1	3	3	1	1	25
MONE508R	8	-0.001	10/20/78	369	17	1	1	1	1	3	1	1	1	3	1	1	23
MONE509R	9	-0.001	10/20/78	369	17	1	4	5	4	3	1	1	1	1	1	1	35
MONE510R	M	-0.001	10/20/78	369	20	1	1	6	1	3	1	1	1	1	1	1	35
MONE511R	11	-0.001	10/20/78	369	17	1	1	2	1	1	1	1	1	1	1	1	25
MONE512R	4	-0.001	10/20/78	369	17	1	1	12	1	3	3	1	4	1	1	1	30
MONE513R	4	-0.001	10/20/78	369	17	1	1	5	1	3	1	1	1	3	1	1	30
MONE514R	4	-0.001	10/20/78	369	17	1	1	1	1	3	1	1	1	1	1	1	20
MONE515R	6	-0.001	10/20/78	369	18	1	1	4	2	3	1	1	1	3	1	1	35
MONE516R	58	-0.001	10/20/78	369	18	1	1	2	1	3	1	1	1	1	1	1	34
MONE517R	3	-0.001	10/20/78	369	19	1	1	4	4	1	1	1	1	3	1	1	30
MONE518R	40	-0.001	10/20/78	369	16	1	1	7	1	3	1	1	1	3	1	1	30
MONE519R	35	-0.001	10/20/78	369	18	1	4	6	2	3	1	1	1	1	1	1	35
MONE520R	12	0.100	10/20/78	369	20	1	1	1	1	1	1	1	1	3	1	1	40
MONE521R	7	-0.001	10/20/78	369	17	1	1	5	1	3	1	1	1	1	1	1	20
MONE522R	6	-0.001	10/20/78	369	15	1	1	5	1	1	1	1	1	1	1	1	35
MONE523R	8	-0.001	10/20/78	369	17	1	1	5	1	3	1	1	1	1	1	1	17
MONE524R	7	-0.001	10/20/78	369	15	1	1	6	1	3	1	1	1	3	1	1	35
MONE525R	8	-0.001	10/20/78	369	18	1	4	4	1	3	1	1	1	1	1	1	35
MONE526R	10	-0.001	10/20/78	369	16	1	1	1	1	3	1	1	1	3	1	1	25
MONE527R	65	-0.001	10/20/78	369	16	1	4	4	2	3	1	1	1	3	1	1	35
MONE528R	M	-0.001	10/20/78	369	16	1	1	4	1	1	1	1	1	1	1	1	27
MONE529R	M	-0.001	10/21/78	369	17	1	1	1	1	3	1	1	1	1	1	1	35
MONE530R	11	-0.001	10/21/78	369	17	1	1	4	2	3	1	1	4	1	1	1	35
MONE531R	7	-0.001	10/21/78	369	16	1	4	1	1	3	1	1	1	1	1	1	35
MONE532R	M	-0.001	10/21/78	369	17	1	1	1	1	3	1	1	1	3	1	1	20
MONE533R	M	1.240	10/21/78	369	17	1	1	5	4	3	1	1	1	1	7	1	35
MONE534R	3	-0.001	10/21/78	369	18	1	4	3	1	3	1	1	1	3	7	1	25
MONE535R	3	-0.001	10/21/78	369	18	1	1	3	1	3	1	1	1	1	1	1	25
MONE536R	4	-0.001	10/21/78	369	17	1	4	3	4	3	1	1	1	1	1	1	25
MONE537R	M	-0.001	10/21/78	369	17	1	4	1	1	3	1	1	4	3	1	1	30
MONE538R	3	-0.001	10/21/78	369	17	1	4	5	4	3	1	1	4	1	1	1	30
MONE539R	6	-0.001	10/21/78	369	18	1	1	3	1	1	1	1	1	1	1	1	30
MONE540R	11	-0.001	10/21/78	369	17	1	1	3	1	3	1	1	1	3	1	1	26
MONE541R	7	-0.001	10/21/78	369	17	1	3	4	1	3	1	1	4	3	1	1	30
MONE542R	12	-0.001	10/21/78	369	17	1	1	7	1	3	1	1	1	3	1	1	25
MONE543R	8	-0.001	10/21/78	369	17	1	2	10	1	3	1	1	1	1	1	1	40
MONE544R	9	-0.001	10/21/78	369	18	1	4	2	1	1	1	1	1	1	1	1	30
MONE545R	7	-0.001	10/21/78	369	19	1	4	4	1	3	1	1	1	1	1	1	30
MONE546R	4	-0.001	10/21/78	369	17	1	4	4	4	3	1	1	1	1	3	1	30
MONE547R	545	-0.001	10/21/78	369	17	1	4	10	4	3	1	1	1	1	3	1	30

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L L O D O R	P L E C O M	W E L L L O C A S	W E L L D E P T H
MONE548R	51	0.040	10/21/78	369	21	1	1	3	4	3	1	1	1	1	1	30
MONE549R	M	-0.001	10/21/78	369	19	1	2	3	1	3	1	1	1	1	1	18
MONE550R	32	-0.001	10/21/78	369	18	1	1	7	1	3	1	1	1	1	1	25
MONE551R	29	-0.001	10/21/78	369	17	1	1	8	1	3	1	1	1	1	1	25
MONE552R	8	-0.001	10/21/78	369	15	1	1	4	1	3	1	1	1	3	1	30
MONE553R	24	-0.001	10/21/78	369	18	1	1	1	1	3	1	1	3	1	1	31
MONE554R	17	-0.001	10/21/78	369	17	1	1	5	1	3	1	1	1	1	1	15
MONE555R	117	-0.001	10/21/78	369	17	1	4	5	4	3	1	1	1	1	1	25
MONE556R	35	-0.001	10/21/78	369	18	1	1	8	1	3	1	1	1	1	1	25
MONE557R	21	-0.001	10/21/78	369	19	1	2	5	2	3	1	1	1	1	1	25
MONE558R	25	-0.001	10/21/78	369	17	1	1	1	1	3	1	1	1	1	1	16
MONE559R	23	-0.001	10/21/78	369	18	1	1	3	1	3	1	1	1	3	1	20
MONE560R	6	-0.001	10/20/78	373	19	1	1	1	1	3	1	1	1	3	1	50
MONE561R	6	-0.001	10/20/78	373	19	1	2	5	1	3	1	1	1	3	1	40
MONE562R	6	-0.001	10/20/78	373	20	1	1	1	1	3	1	1	1	3	1	30
MONE563R	7	-0.001	10/20/78	373	19	1	2	5	1	3	1	1	1	1	1	30
MONE564R	20	-0.001	10/20/78	373	20	1	2	1	1	3	1	1	1	1	1	30
MONE565R	9	-0.001	10/20/78	373	18	1	1	2	1	3	1	1	1	1	1	45
MONE566R	7	-0.001	10/20/78	373	18	1	5	3	1	3	1	1	1	1	1	U
MONE567R	4	1.480	10/20/78	373	18	1	2	3	1	3	1	1	1	3	1	40
MONE568R	22	-0.001	10/21/78	373	17	1	1	1	1	3	1	1	3	1	1	43
MONE569R	M	2.190	10/21/78	373	15	1	1	1	1	3	1	1	2	4	4	30
MONE570R	13	1.250	10/21/78	373	15	1	1	4	1	3	1	1	1	1	1	35
MONE571R	7	-0.001	10/21/78	373	17	1	1	4	1	3	1	1	2	1	1	23
MONE572R	2	-0.001	10/21/78	373	16	1	1	6	2	3	1	1	1	1	1	35
MONE573R	10	2.460	10/21/78	373	16	1	2	1	1	3	1	1	1	6	5	30
MONE574R	5	-0.001	10/21/78	373	16	1	1	15	1	3	1	1	1	1	1	16
MONE575R	10	-0.001	10/21/78	373	17	1	2	1	2	3	1	6	1	1	1	30
MONE576R	9	-0.001	10/21/78	373	19	1	1	1	1	3	1	1	1	1	1	30
MONE577R	8	-0.001	10/21/78	373	20	1	1	5	1	3	1	1	1	1	6	30
MONE578R	4	-0.001	10/21/78	373	20	1	2	3	1	3	1	1	1	1	1	30
MONE579R	12	-0.001	10/21/78	373	19	1	2	3	2	3	1	1	1	3	1	35
MONE580R	7	-0.001	10/21/78	373	19	1	1	5	1	1	2	1	1	1	1	92
MONE581R	16	-0.001	10/21/78	373	17	1	1	2	1	3	1	1	1	1	1	35
MONE582R	4	-0.001	10/21/78	373	19	1	2	6	1	3	1	1	1	1	1	25
MONE583R	13	-0.001	10/21/78	373	19	1	1	7	1	3	1	1	1	1	1	20
MONE584R	4	-0.001	10/21/78	373	21	1	3	2	2	3	1	1	1	1	1	30
MONE585R	8	-0.001	10/21/78	373	18	1	2	10	1	3	1	1	1	1	1	30
MONE586R	11	-0.001	10/21/78	373	19	1	2	1	1	3	1	1	1	4	4	20
MONE587R	10	-0.001	10/21/78	373	21	1	2	11	1	3	1	1	1	3	1	30
MONE588R	7	-0.001	10/21/78	373	20	1	1	5	1	3	1	1	1	1	1	28
MONE589R	12	-0.001	10/21/78	373	20	1	2	1	1	3	1	1	1	1	1	40
MONE590R	8	-0.001	10/21/78	373	20	1	2	1	1	3	1	1	1	1	1	30
MONE591R	8	-0.001	10/21/78	373	20	1	2	5	1	3	1	1	1	1	1	25
MONE592R	10	-0.001	10/21/78	373	19	1	1	3	1	3	1	1	1	1	1	30
MONE593R	M	-0.001	10/21/78	373	18	1	1	1	1	3	1	1	1	1	6	25
MONE594R	M	-0.001	10/21/78	373	19	1	2	1	1	3	1	1	1	1	1	30
MONE595R	M	-0.001	10/22/78	373	15	1	1	1	1	3	3	1	2	1	1	80
MONE596R	12	-0.001	10/22/78	373	19	1	2	2	1	3	1	1	1	1	1	30
MONE597R	17	-0.001	10/22/78	373	18	1	1	3	1	3	1	1	1	1	1	25

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q U E N C Y	W E L L L O O D O R P	P I P E C O M P	W E L L L O C A S S	W E L L D E P T H
MONE598R	10	-0.001	10/22/78	373	20	1	3	2	2	3	1	3	1	1	1	25
MONE599R	7	-0.001	10/22/78	373	20	1	1	1	1	3	1	1	1	1	1	23
MONE600R	9	-0.001	10/22/78	373	19	1	2	8	1	3	1	1	1	1	1	40
MONE601R	11	-0.001	10/22/78	373	20	1	1	2	1	3	1	1	1	3	1	25
MONE602R	10	0.270	10/22/78	373	20	1	1	10	1	3	2	1	1	1	1	40
MONE603R	9	-0.001	10/22/78	373	21	1	1	1	1	3	1	1	1	1	1	60
MONE604R	7	-0.001	10/22/78	373	21	1	1	4	1	3	1	1	1	1	1	35
MONE605R	8	-0.001	10/22/78	373	20	1	1	2	1	3	1	1	1	2	1	35
MONE606R	148	-0.001	10/23/78	369	19	1	1	3	1	3	1	1	1	3	7	45
MONE607R	19	-0.001	10/23/78	369	18	1	1	1	1	3	1	1	1	1	7	25
MONE608R	4	-0.001	10/23/78	369	16	1	4	4	1	3	1	1	1	3	1	25
MONE609R	23	-0.001	10/23/78	369	18	1	1	6	1	3	1	1	1	1	1	30
MONE610R	6	-0.001	10/23/78	369	18	1	1	5	1	3	1	1	1	1	1	25
MONE611R	7	-0.001	10/23/78	369	16	1	4	3	1	3	1	1	1	3	1	25
MONE612R	6	-0.001	10/23/78	369	16	1	1	3	4	3	1	1	1	3	1	30
MONE613R	8	-0.001	10/23/78	369	15	1	4	1	1	3	1	1	1	3	1	25
MONE614R	8	-0.001	10/23/78	369	14	1	1	1	1	3	1	1	1	3	1	25
MONE615R	9	-0.001	10/23/78	369	18	1	1	10	1	3	1	1	1	1	1	25
MONE616R	7	-0.001	10/23/78	369	15	1	4	5	4	3	1	1	1	1	1	25
MONE617R	15	-0.001	10/23/78	369	15	1	4	3	4	3	1	1	1	3	1	25
MONE618R	M	1.180	10/23/78	369	14	1	1	78	1	3	1	1	1	7	1	85
MONE619R	9	-0.001	10/23/78	369	17	1	1	1	1	3	1	1	1	3	1	25
MONE620R	7	-0.001	10/23/78	369	17	1	4	3	4	3	1	1	1	1	1	25
MONE621R	8	-0.001	10/23/78	369	17	1	4	5	4	3	1	1	1	1	1	25
MONW501R	223	-0.001	7/11/78	350	19	1	3	40	3	1	1	1	1	3	1	155
MONW502R	222	-0.001	7/11/78	350	20	1	3	25	1	1	1	1	1	4	1	75
MONW503R	207	-0.001	7/11/78	350	19	1	1	50	3	2	1	1	1	3	1	36
MONW504R	204	-0.001	7/11/78	350	20	1	2	100	3	2	1	1	1	3	1	50
MONW505R	100	-0.001	7/11/78	350	20	1	4	20	4	1	1	1	1	1	1	100
MONW506R	268	-0.001	7/11/78	350	23	1	2	50	3	3	1	1	1	1	1	160
MONW507R	209	-0.001	7/11/78	350	25	1	2	30	4	1	1	1	1	4	3	80
MONW508R	199	0.040	7/15/78	350	22	1	1	58	2	1	3	3	1	4	3	120
MONW509R	207	-0.001	7/15/78	350	20	1	2	22	2	1	1	1	1	5	1	200
MONW510R	190	-0.001	7/15/78	350	17	1	1	14	1	1	1	1	1	3	1	148
MONW511R	258	-0.001	7/15/78	350	26	1	2	2	1	1	1	1	1	3	1	325
MONW512R	221	-0.001	7/15/78	350	25	1	2	6	1	1	1	1	1	6	3	470
MONW513R	203	-0.001	7/15/78	350	23	1	2	2	1	1	1	1	1	1	3	560
MONW514R	240	-0.001	7/15/78	350	20	1	1	50	2	1	1	1	1	3	1	85
MONW515R	202	-0.001	7/15/78	350	21	1	3	10	3	1	1	1	1	6	3	180
MONW516R	212	-0.001	7/15/78	350	18	1	1	50	1	1	1	1	1	4	3	100
MONW517R	207	-0.001	7/15/78	350	21	1	1	50	2	1	1	1	1	4	3	150
MONW518R	257	-0.001	7/15/78	350	21	1	4	50	2	1	1	1	1	3	1	100
MONW519R	252	-0.001	7/15/78	350	21	1	1	30	2	1	1	1	1	1	3	140
MONW520R	233	-0.001	7/15/78	350	19	1	1	50	4	2	1	1	1	6	3	20
MONW521R	199	-0.001	7/15/78	350	21	1	1	U	5	1	1	1	1	1	1	270
MONW522R	224	-0.001	7/15/78	350	22	1	1	10	2	1	1	1	1	1	3	450
MONW523R	205	-0.001	7/15/78	350	22	1	3	U	5	1	1	1	1	6	1	250
MONW524R	222	-0.001	7/15/78	350	24	1	5	U	5	4	1	1	1	4	1	U
MONW525R	188	-0.001	7/15/78	350	24	1	1	32	1	1	1	1	1	3	1	150
MONW526R	486	0.010	7/15/78	350	20	1	1	25	4	1	1	1	1	1	1	65

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L L O C O M P	P E L L C O L L A S S	W E L L C O L L A S S	W E L L D E P T H
MONW527R	190	-0.001	7/16/78	350	21	1	1	6	1	1	1	1	1	3	1	264
MONW528R	191	-0.001	7/16/78	350	20	1	1	36	1	1	1	1	1	3	1	130
MONW529R	128	-0.001	7/19/78	350	25	1	1	20	2	1	1	1	1	6	1	165
MONW530R	180	-0.001	7/19/78	350	20	1	1	55	1	1	1	1	1	4	1	100
MONW531R	181	-0.001	7/19/78	350	26	2	1	999	1	4	1	1	1	3	1	0
MONW532R	204	-0.001	7/19/78	350	22	1	5	4	1	1	1	1	1	6	1	U
MONW533R	253	-0.001	7/19/78	350	24	1	2	12	1	1	1	1	1	6	1	100
MONW534R	332	0.040	7/19/78	350	23	1	5	11	1	1	1	1	1	6	1	U
MONW535R	222	-0.001	7/19/78	350	24	1	1	11	1	1	1	1	1	6	1	180
MONW536R	179	-0.001	7/19/78	350	22	1	1	16	1	1	1	1	1	4	3	205
MONW537R	243	-0.001	7/20/78	350	23	1	2	7	1	1	1	1	1	6	1	240
MONW538R	202	-0.001	7/20/78	350	28	1	5	5	1	1	1	1	1	6	3	U
MONW539R	222	-0.001	7/20/78	350	24	1	2	9	1	1	1	1	1	1	1	390
MONW540R	212	-0.001	7/20/78	350	24	1	5	U	5	1	1	1	1	3	1	U
MONW541R	200	-0.001	7/20/78	350	21	1	1	19	1	1	1	1	1	6	3	850
MONW542R	249	-0.001	7/20/78	350	27	1	2	5	1	1	1	1	1	1	3	300
MONW543R	211	-0.001	7/20/78	350	25	1	1	2	1	1	1	1	1	6	3	300
MONW544R	200	-0.001	7/20/78	350	21	1	1	4	1	1	1	1	1	1	1	100
MONW545R	213	-0.001	7/20/78	350	24	1	1	10	1	1	1	1	1	6	1	200
MONW546R	246	-0.001	7/20/78	350	23	1	1	4	1	1	1	1	1	1	1	146
MONW547R	214	-0.001	7/20/78	350	23	1	5	15	1	1	1	1	1	6	3	U
MONW548R	219	-0.001	7/21/78	350	27	1	5	7	1	1	1	1	1	6	1	U
MONW549R	212	-0.001	7/21/78	350	23	1	1	60	1	1	1	1	1	3	1	152
MONW550R	190	-0.001	7/21/78	350	23	1	3	5	1	1	1	1	1	6	1	100
MONW551R	208	-0.001	7/21/78	350	23	1	4	10	1	1	1	1	1	1	1	100
MONW552R	186	-0.001	7/21/78	350	24	1	1	7	1	1	1	1	1	4	3	110
MONW553R	198	-0.001	7/21/78	350	24	1	5	1	1	1	1	1	1	6	3	U
MONW554R	196	-0.001	7/21/78	350	19	1	1	15	1	1	1	1	1	3	3	90
MONW555R	207	-0.001	7/21/78	350	22	1	1	8	1	1	1	1	1	1	3	220
MONW556R	186	-0.001	8/ 7/78	350	20	1	1	10	1	1	1	1	1	4	3	450
MONW557R	195	-0.001	7/14/78	351	22	1	3	10	3	1	1	1	1	6	7	600
MONW558R	189	-0.001	7/14/78	351	19	1	5	20	3	1	1	1	1	6	7	U
MONW559R	216	-0.001	7/14/78	351	21	1	1	7	1	1	1	1	1	1	7	475
MONW560R	197	-0.001	7/14/78	351	19	1	1	20	2	1	1	1	1	1	2	130
MONW561R	195	-0.001	7/14/78	351	19	1	1	22	1	1	1	1	1	3	1	285
MONW562R	176	-0.001	7/14/78	351	21	1	1	18	1	1	1	1	4	1	7	200
MONW563R	219	-0.001	7/14/78	351	24	1	3	10	1	1	1	1	1	1	7	145
MONW564R	172	-0.001	7/14/78	351	18	1	1	30	2	1	1	1	1	1	7	257
MONW565R	100	-0.001	7/14/78	351	22	1	5	U	5	4	1	1	1	3	7	U
MONW566R	75	-0.001	7/14/78	351	20	1	1	28	1	1	1	1	1	1	7	210
MONW567R	180	-0.001	7/14/78	351	21	1	1	60	4	2	1	1	1	1	7	10
MONW568R	187	-0.001	7/14/78	351	18	1	1	26	1	1	1	1	1	7	7	72
MONW569R	228	-0.001	7/15/78	351	19	1	4	15	1	1	1	1	1	6	7	400
MONW570R	221	-0.001	7/15/78	351	20	1	2	27	2	1	1	1	1	1	1	500
MONW571R	191	-0.001	7/15/78	351	18	1	2	15	3	1	1	1	1	3	7	160
MONW572R	187	-0.001	7/15/78	351	19	1	1	9	1	1	4	1	2	3	7	714
MONW573R	187	-0.001	7/15/78	351	19	1	1	9	2	1	1	1	1	6	7	285
MONW574R	180	-0.001	7/15/78	351	21	1	4	40	4	1	1	1	1	6	7	200
MONW575R	199	-0.001	7/15/78	351	19	1	1	20	4	1	1	1	1	1	7	117
MONW576R	184	-0.001	7/14/78	351	20	1	2	4	1	1	2	1	1	1	7	450

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L O R D	P I P E C O M P	W E L L O C	W E L L C L A S S	W E L L D E P T H
MOOR501R	205	-0.001	5/30/78	297	21	1	1	7	2	1	1	1	1	4	4	1	280
MOOR502R	125	-0.001	5/30/78	297	17	1	3	7	2	1	1	1	1	1	2	1	240
MOOR503R	169	-0.001	5/30/78	297	17	1	1	20	3	3	1	5	1	1	4	1	180
MOOR504R	103	-0.001	5/30/78	297	21	1	1	2	1	1	1	1	1	4	1	1	230
MOOR505R	90	-0.001	5/30/78	297	19	1	1	4	2	1	1	1	1	1	2	1	210
MOOR506R	100	-0.001	5/30/78	297	21	1	1	2	3	1	1	1	1	6	7	1	330
MOOR507R	109	-0.001	5/30/78	297	21	1	3	32	1	1	1	1	1	6	2	1	76
MOOR508R	117	-0.001	5/30/78	297	21	2	1	999	1	4	1	1	1	4	1	1	0
MOOR509R	167	-0.001	5/30/78	297	20	1	1	15	1	1	1	1	1	4	7	1	35
MOOR510R	91	-0.001	5/31/78	297	18	1	1	6	2	1	1	1	1	4	1	1	325
MOOR511R	62	-0.001	5/31/78	297	20	1	1	25	2	1	1	1	1	1	1	1	200
MOOR512R	40	-0.001	5/31/78	297	18	1	1	8	1	1	1	1	1	4	2	1	265
MOOR513R	19	-0.001	5/31/78	297	20	1	1	15	2	1	1	1	1	6	7	1	500
MOOR514R	60	-0.001	5/31/78	297	25	1	3	10	2	1	1	1	1	1	1	1	240
MOOR515R	25	-0.001	5/31/78	297	21	1	5	15	4	1	1	1	1	6	7	1	U
MOOR516R	31	-0.001	5/31/78	297	23	1	1	14	1	1	1	1	1	1	7	1	105
MOOR517R	61	-0.001	5/31/78	297	22	1	2	50	1	1	1	1	1	3	7	1	60
MOOR518R	51	-0.001	5/31/78	297	20	1	5	2	4	1	1	1	1	6	1	1	U
MOOR519R	22	-0.001	5/31/78	297	20	1	1	12	1	1	1	1	1	3	1	1	420
MOOR520R	59	-0.001	5/31/78	297	21	1	5	4	2	1	1	1	1	6	7	1	U
MOOR521R	64	-0.001	5/31/78	297	22	1	1	20	2	1	1	1	1	3	7	1	95
MOOR522R	125	-0.001	5/31/78	297	23	1	5	12	1	1	1	1	1	6	7	1	U
MOOR524R	96	-0.001	6/ 3/78	297	18	1	1	15	1	1	1	1	1	7	2	1	65
MOOR525R	237	-0.001	6/ 3/78	297	21	1	3	3	2	1	1	1	1	2	1	1	120
MOOR526R	190	-0.001	6/ 4/78	297	16	1	5	75	1	2	1	1	1	6	4	4	U
MOOR527R	80	-0.001	6/ 4/78	297	20	1	5	20	4	1	1	1	1	6	1	1	U
MOOR528R	188	-0.001	6/ 4/78	297	21	1	2	5	2	1	1	1	1	4	7	1	115
MOOR529R	80	-0.001	6/ 4/78	297	21	1	4	3	4	1	1	1	1	6	6	1	90
MOOR530R	166	-0.001	6/ 4/78	297	28	1	5	1	4	1	1	1	1	6	6	1	U
MOOR531R	481	-0.001	6/ 4/78	297	23	1	1	1	1	1	3	1	1	4	2	1	260
MOOR532R	94	-0.001	6/ 5/78	297	22	1	3	6	1	1	1	1	1	6	2	1	250
MOOR533R	99	-0.001	6/ 5/78	297	18	1	1	4	1	1	1	1	1	4	1	1	260
MOOR534R	95	-0.001	6/ 5/78	297	22	1	2	7	1	1	1	1	1	6	2	1	200
MOOR537R	163	-0.001	5/30/78	298	20	1	1	23	1	1	1	1	1	3	1	1	115
MOOR538R	72	-0.001	5/30/78	298	19	1	1	15	1	1	1	1	1	6	1	1	300
MOOR539R	86	-0.001	5/30/78	298	21	1	1	4	1	1	1	1	1	6	1	1	200
MOOR540R	58	-0.001	5/30/78	298	20	1	1	20	1	1	1	1	1	7	1	1	100
MOOR541R	138	-0.001	5/30/78	298	22	1	5	15	4	1	1	1	1	6	1	1	U
MOOR542R	90	-0.001	5/30/78	298	20	1	1	5	1	1	1	1	1	1	1	1	160
MOOR543R	191	-0.001	5/30/78	298	20	1	1	1	1	1	1	1	1	1	1	1	250
MOOR544R	185	-0.001	5/30/78	298	21	1	2	10	4	1	1	1	1	6	1	1	150
MOOR545R	96	-0.001	5/30/78	298	20	1	1	25	1	1	1	1	1	1	1	1	130
MOOR546R	117	-0.001	5/30/78	298	19	1	1	10	1	1	1	1	1	2	1	1	350
MOOR547R	168	-0.001	5/30/78	298	25	1	1	10	2	1	1	1	1	3	1	1	80
MOOR548R	192	-0.001	5/30/78	298	21	1	1	15	1	1	1	1	1	1	1	1	205
MOOR549R	214	-0.001	5/30/78	298	25	1	1	4	1	1	1	1	1	3	1	1	425
MOOR550R	173	-0.001	5/31/78	298	18	1	1	15	1	1	1	1	1	1	1	2	87
MOOR551R	198	-0.001	5/31/78	298	20	1	1	5	1	1	1	1	1	3	1	1	200
MOOR552R	186	-0.001	5/31/78	298	20	1	1	3	4	1	1	1	1	6	1	1	200
MOOR553R	125	-0.001	5/31/78	298	23	1	1	19	1	1	1	1	1	3	1	1	127

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

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SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L L O O D O R	P I P E C O M P	W E L L C L O C	W E L L C L A S S	W E L L D E P T H
MOOR554R	131	-0.001	5/31/78	298	23	1	1	15	4	1	1	1	1	1	1	1	200
MOOR555R	146	-0.001	5/31/78	298	20	1	1	U	5	1	1	1	1	1	1	1	160
MOOR556R	265	-0.001	5/31/78	298	23	1	1	1	1	1	1	1	1	3	1	1	350
MOOR557R	59	-0.001	5/31/78	298	24	1	1	4	1	1	1	1	1	3	1	1	200
MOOR558R	67	-0.001	5/31/78	298	20	1	1	32	1	1	1	1	1	1	1	1	198
MOOR559R	141	-0.001	5/31/78	298	22	1	1	50	4	1	1	1	1	3	1	1	60
MOOR560R	82	-0.001	5/31/78	298	21	1	3	U	5	1	1	1	1	6	1	1	200
MOOR561R	78	-0.001	5/31/78	298	19	1	5	U	5	1	1	1	1	6	1	1	U
MOOR562R	70	-0.001	5/31/78	298	19	1	1	7	1	1	1	1	1	3	1	1	225
MOOR563R	44	-0.001	6/ 1/78	298	24	1	1	7	1	1	1	1	1	3	1	1	240
MOOR564R	83	-0.001	6/ 1/78	298	24	1	2	2	2	1	1	1	1	3	1	1	530
MOOR565R	75	-0.001	6/ 1/78	298	21	1	1	10	1	1	1	1	1	7	1	1	245
MOOR566R	74	-0.001	6/ 3/78	298	20	1	1	4	1	1	1	1	1	6	1	1	180
MOOR567R	91	-0.001	6/ 3/78	298	16	1	1	1	1	1	1	1	1	3	1	1	250
MOOR568R	155	-0.001	6/ 3/78	298	20	1	1	7	1	1	1	1	1	1	1	1	270
MOOR569R	75	-0.001	6/10/78	297	19	1	4	3	2	1	1	1	1	3	1	1	100
MOOR570R	155	-0.001	6/10/78	297	17	1	1	15	1	1	1	1	1	6	1	1	96
MOOR571R	88	-0.001	6/10/78	297	18	1	1	6	1	1	1	1	1	6	1	1	350
MOOR572R	203	-0.001	6/10/78	297	18	1	4	15	4	1	1	1	1	6	1	1	200
MOOR573R	97	-0.001	6/10/78	297	20	1	4	19	1	1	1	1	1	1	1	1	100
MOOR574R	193	-0.001	6/10/78	297	20	1	2	20	1	1	1	1	1	4	1	1	90
MOOR575R	94	-0.001	6/10/78	297	22	1	5	1	4	1	1	1	1	6	1	1	U
MOOR576R	108	-0.001	6/10/78	297	20	1	1	4	1	1	1	1	1	4	1	1	180
MOOR577R	170	-0.001	6/10/78	297	20	1	4	50	3	1	1	1	1	4	1	1	200
MOOR578R	98	-0.001	6/10/78	297	22	1	1	10	3	1	1	1	1	3	1	1	186
MOOR579R	127	-0.001	6/10/78	297	20	1	1	5	1	1	1	1	1	4	4	1	288
MOOR580R	86	-0.001	6/10/78	297	24	1	1	5	1	1	1	1	1	1	1	1	210
MOOR581R	67	-0.001	6/11/78	297	22	1	1	2	1	1	1	1	1	6	1	1	380
MOOR582R	127	-0.001	6/11/78	297	21	1	1	5	4	1	1	1	1	1	1	1	115
MOOR583R	125	-0.001	6/11/78	297	18	1	1	6	1	1	1	1	1	1	1	1	120
MOOR584R	107	-0.001	6/11/78	297	18	1	2	36	2	1	1	1	1	1	1	1	85
MOOR585R	129	-0.001	6/11/78	297	18	1	1	1	1	1	1	1	1	4	1	1	352
MOOR586R	81	-0.001	6/11/78	297	22	1	1	4	1	1	1	1	1	1	1	1	320
MOOR587R	76	-0.001	6/11/78	297	22	1	1	13	1	1	1	1	1	1	1	1	185
MOOR588R	218	-0.001	6/11/78	297	23	1	1	2	4	1	1	1	1	6	1	1	275
MOOR589R	102	-0.001	6/11/78	297	22	1	1	3	2	1	1	1	1	3	1	1	330
MOOR590R	76	-0.001	6/11/78	297	21	1	5	3	4	1	1	1	1	6	1	1	U
MOOR591R	90	-0.001	6/13/78	364	18	1	3	15	2	1	1	1	1	1	1	1	40
MOOR592R	96	1.860	6/13/78	364	20	1	1	28	1	1	1	1	1	1	1	1	285
MOOR593R	98	-0.001	6/13/78	364	20	1	1	46	2	1	1	1	1	1	4	2	150
MOOR594R	107	-0.001	6/13/78	364	24	1	1	32	2	1	1	1	1	1	1	1	110
MOOR595R	98	-0.001	6/13/78	364	22	1	1	7	1	1	1	1	1	2	1	1	170
MOOR596R	28	-0.001	6/13/78	364	25	1	1	10	3	3	1	1	1	1	1	1	240
MOOR597R	30	-0.001	6/13/78	364	23	1	2	2	2	1	1	1	1	3	1	1	200
MOOR598R	70	-0.001	6/13/78	364	19	1	2	60	3	1	1	1	1	4	4	1	280
MOOR599R	40	-0.001	6/13/78	364	20	1	1	35	1	1	1	1	1	4	1	1	300
MOOR600R	26	0.200	6/13/78	364	19	1	3	8	3	1	1	1	1	6	1	1	400
MOOR601R	26	-0.001	6/13/78	364	19	1	2	1	1	1	1	1	1	1	1	1	180
MOOR602R	20	0.070	6/13/78	364	17	1	1	10	1	1	1	1	1	1	1	1	192
MOOR603R	24	-0.001	6/14/78	364	21	1	1	10	1	1	4	1	1	3	1	1	246

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L L O O D O M P	P I P E C O C	W E L L C L A S S	W E L L D E P T H	
MOOR604R	17	-0.001	6/14/78	364	19	1	1	32	2	1	4	1	1	2	1	1	112
MOOR605R	22	-0.001	6/14/78	364	17	1	1	10	1	3	1	1	1	1	1	1	225
MOOR606R	22	-0.001	6/14/78	364	17	2	1	999	1	4	1	1	1	7	4	1	0
MOOR607R	35	-0.001	6/14/78	364	18	1	2	28	2	1	1	1	1	3	1	1	200
MOOR608R	22	-0.001	6/14/78	364	19	1	1	5	1	1	1	1	1	1	1	1	325
MOOR609R	56	-0.001	6/14/78	364	20	1	1	8	2	3	1	1	1	1	1	1	200
MOOR610R	32	-0.001	6/14/78	364	20	1	2	14	2	1	4	1	1	1	1	1	250
MOOR611R	48	-0.001	6/14/78	364	20	1	1	20	1	1	4	1	1	1	1	1	131
MOOR612R	30	-0.001	6/15/78	364	18	1	1	16	1	1	1	1	1	1	1	1	60
MOOR613R	40	-0.001	6/15/78	364	21	1	1	100	3	1	1	1	1	1	1	1	90
MOPE501R	51	-0.001	10/14/78	373	20	1	1	4	1	1	1	1	1	1	1	1	34
MOPE502R	51	0.070	10/14/78	373	15	1	5	25	2	1	1	1	1	4	4	1	U
MOPE503R	54	0.160	10/14/78	373	18	1	1	15	2	1	1	1	1	1	1	1	14
MOPE504R	32	-0.001	10/14/78	373	18	1	5	21	1	1	1	1	1	1	1	1	U
MOPE505R	77	-0.001	10/14/78	373	16	1	1	15	1	1	1	1	1	1	1	1	15
MOPE506R	M	-0.001	10/14/76	373	19	1	5	4	1	1	2	1	1	1	1	1	U
MOPE507R	30	-0.001	10/14/78	373	17	1	5	2	1	1	1	1	1	4	4	1	U
MOPE508R	65	-0.001	10/14/78	373	18	1	1	10	1	1	1	1	1	1	1	1	50
MOPE509R	55	-0.001	10/14/78	373	19	1	5	U	5	1	1	1	1	1	1	1	U
MOPE510R	83	-0.001	10/14/78	373	18	1	5	10	1	1	1	1	1	3	1	1	U
MOPE511R	28	-0.001	10/14/78	373	17	1	1	15	1	1	1	1	1	1	1	1	40
MOPE512R	30	-0.001	10/14/78	373	15	1	1	20	1	1	2	3	1	1	1	1	35
MOPE513R	17	-0.001	10/14/78	373	16	1	2	40	1	1	1	1	1	1	1	1	60
MOPE514R	24	0.200	10/16/78	373	16	1	5	U	5	2	1	1	1	4	4	1	U
MOPE515R	27	-0.001	10/16/78	373	17	1	1	15	1	1	1	1	1	4	3	1	22
MOPE516R	23	-0.001	10/16/78	373	16	1	5	1	1	1	1	1	1	3	3	1	U
MOPE517R	37	-0.001	10/16/78	373	15	1	5	6	1	1	1	1	1	1	1	1	U
MOPE518R	26	-0.001	10/16/78	373	14	1	1	85	1	2	1	1	1	3	1	1	18
MOPE519R	26	-0.001	10/16/78	373	15	1	5	U	5	1	1	1	1	1	1	1	U
MOPE520R	12	-0.001	10/16/78	373	15	1	3	10	2	3	1	1	1	4	3	1	20
MOPE521R	24	-0.001	10/16/78	373	16	1	1	10	1	3	1	1	1	1	3	1	15
MOPE522R	41	-0.001	10/16/78	373	16	1	1	3	1	3	1	1	3	1	1	1	30
MOPE523R	20	-0.001	10/16/78	373	17	1	1	26	1	3	1	1	1	1	1	1	20
MOPE524R	38	-0.001	10/16/78	373	16	1	2	5	1	3	1	1	1	1	1	1	20
MOPE525R	18	-0.001	10/16/78	373	17	1	1	5	1	3	1	1	1	3	1	1	16
MOPE526R	29	-0.001	10/16/78	373	17	1	2	10	2	3	1	1	1	1	1	1	20
MOPE527R	11	-0.001	10/16/78	373	16	1	2	5	1	3	1	1	1	1	1	1	20
MOPE528R	21	-0.001	10/16/78	373	16	1	2	20	1	3	1	1	1	4	3	1	20
MOPE529R	28	-0.001	10/17/78	373	14	1	1	1	1	3	1	1	1	1	1	1	28
MOPE530R	32	-0.001	10/17/78	373	15	1	1	11	1	3	1	1	1	1	1	1	60
MOPE531R	15	-0.001	10/17/78	373	15	1	2	26	1	3	1	1	1	1	1	1	20
MOPE532R	22	-0.001	10/17/78	373	16	1	5	10	1	3	4	1	1	4	3	1	U
MOPE533R	18	-0.001	10/17/78	373	16	1	2	3	1	3	1	1	1	1	1	1	20
MOPE534R	15	0.200	10/14/78	373	14	1	1	25	1	3	1	1	1	1	1	1	20
MOPE535R	16	-0.001	10/17/78	373	15	1	1	3	1	3	1	1	1	1	1	1	20
MOPE536R	20	-0.001	10/17/78	373	17	1	1	1	1	3	1	1	1	1	1	1	40
MOPE537R	M	-0.001	10/17/78	373	16	1	2	2	1	3	1	1	1	1	6	2	20
MOPE538R	15	-0.001	10/17/78	373	16	1	1	20	1	3	1	1	1	1	1	1	28
MOPE539R	24	-0.001	10/17/78	373	17	1	5	3	1	3	1	1	1	4	3	1	U
MOPE540R	38	-0.001	10/17/78	373	18	1	1	10	1	3	1	1	1	1	1	1	40

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L O D O M P	P I P E C O M P	W E L L C L O C	W E L L C L A S S	W E L L D E P T H
MOPE541R	33	-0.001	10/17/78	373	14	1	2	1	1	3	1	1	1	1	1	1	60
MOPE542R	8	-0.001	10/15/78	369	16	1	1	20	1	3	1	1	1	1	1	1	30
MOPE543R	22	-0.001	10/15/78	369	18	1	1	5	4	4	1	1	1	3	1	1	35
MOPE544R	8	-0.001	10/15/78	369	14	1	1	2	1	4	1	1	1	3	1	1	35
MOPE545R	26	-0.001	10/15/78	369	17	1	2	30	1	4	1	1	1	1	7	1	30
MOPE546R	44	-0.001	10/15/78	369	17	1	1	10	1	4	3	4	1	1	1	1	30
MOPE547R	23	-0.001	10/15/78	369	17	1	1	20	1	3	1	1	1	1	3	1	35
MOPE548R	53	-0.001	10/15/78	369	17	1	1	5	1	3	1	1	1	3	1	1	50
MOPE549R	14	-0.001	10/15/78	369	17	1	1	7	2	4	1	1	4	3	1	1	30
MOPE550R	37	-0.001	10/15/78	369	17	1	1	20	1	3	1	1	1	1	3	1	30
MOPE551R	38	-0.001	10/15/78	369	18	1	1	10	1	3	1	1	1	1	1	1	33
MOPE552R	68	-0.001	10/15/78	369	15	1	1	3	1	3	1	1	1	3	1	1	35
MOPE553R	23	-0.001	10/16/78	369	14	1	1	8	1	3	2	1	1	1	3	1	40
MOPE554R	43	-0.001	10/16/78	369	17	1	1	1	1	3	1	1	1	3	1	1	35
MOPE555R	46	-0.001	10/16/78	369	16	1	1	5	1	3	1	1	1	3	1	1	25
MOPE556R	38	0.140	10/16/78	369	16	1	1	2	1	3	1	1	1	3	1	1	32
MOPE557R	12	-0.001	10/16/78	369	16	1	1	6	1	3	1	1	1	1	3	1	35
MOPE558R	27	-0.001	10/16/78	369	15	1	1	38	1	3	4	5	1	1	3	1	30
MOPE559R	14	-0.001	10/16/78	369	18	1	1	10	1	3	1	1	1	1	1	1	30
MOPE560R	27	-0.001	10/16/78	369	15	1	1	2	1	3	1	1	1	3	1	1	50
MOPE561R	15	-0.001	10/16/78	369	18	1	1	5	1	3	1	1	1	1	1	1	35
MOPE562R	20	-0.001	10/16/78	369	15	1	1	10	1	3	1	1	1	1	1	1	35
MOPE563R	27	-0.001	10/16/78	369	16	1	1	5	1	3	1	1	1	3	3	1	35
MOPE564R	9	-0.001	10/16/78	369	14	1	2	1	1	3	1	1	1	1	1	1	35
MOPE565R	8	-0.001	10/17/78	369	14	1	1	19	1	3	1	1	1	1	1	1	25
MOPE566R	6	-0.001	10/17/78	369	18	1	1	9	1	3	1	1	1	1	1	1	21
MOPE567R	23	-0.001	10/17/78	369	14	1	4	5	4	3	1	1	1	6	7	1	32
MOPE568R	30	-0.001	10/17/78	369	16	1	1	5	1	3	1	1	1	3	1	1	35
MOPE569R	15	-0.001	10/17/78	369	18	1	1	7	1	3	1	1	1	3	1	1	15
MOPE570R	21	-0.001	10/17/78	369	16	1	1	3	2	3	1	1	1	1	1	1	25
MOPE571R	15	-0.001	10/17/78	369	18	1	1	6	1	3	1	1	1	1	7	1	30
MOPE572R	25	-0.001	10/17/78	369	16	1	1	11	1	3	1	1	1	1	1	1	16
MOPE573R	16	-0.001	10/16/78	369	17	1	1	5	1	3	1	1	1	3	3	1	32
MOPE574R	60	-0.001	10/15/78	369	14	1	4	20	1	3	1	1	2	3	1	1	60
MOPE575R	30	-0.001	10/15/78	369	15	1	1	4	1	3	1	1	1	3	1	1	49
MOPH501R	68	-0.001	12/12/78	278	18	1	5	25	1	1	1	1	1	2	1	1	U
MOPH502R	80	-0.001	12/12/78	278	16	1	1	3	1	1	1	1	1	3	1	1	287
MOPH503R	55	-0.001	12/12/78	278	20	1	1	1	1	1	1	1	1	3	1	1	200
MOPH504R	108	-0.001	12/12/78	278	11	1	5	10	1	2	1	1	1	3	1	1	U
MOPH505R	114	-0.001	12/12/78	278	14	1	2	11	1	1	1	1	1	3	1	1	195
MOPH506R	75	-0.001	12/12/78	278	14	1	1	14	3	1	1	1	1	6	1	1	200
MOPH507R	107	-0.001	12/12/78	278	8	1	2	U	5	1	1	1	1	6	1	8	100
MOPH508R	72	-0.001	12/12/78	278	13	1	5	32	1	1	1	1	1	6	1	1	U
MOPH509R	78	-0.001	12/12/78	278	9	1	1	10	2	1	1	1	1	3	1	1	200
MOPH510R	85	-0.001	12/12/78	278	12	1	1	6	1	1	1	1	1	3	1	1	286
MOPH511R	276	0.010	12/12/78	278	13	1	1	70	1	1	1	1	1	7	1	1	185
MOPH512R	56	-0.001	12/12/78	278	17	1	1	11	1	1	1	1	1	3	1	1	168
MOPH513R	57	-0.001	12/12/78	278	15	1	1	U	5	1	1	1	1	3	1	1	100
MOPH514R	96	-0.001	12/12/78	278	17	1	1	14	1	1	1	1	1	3	1	1	150
MOPH515R	88	-0.001	12/12/78	278	15	1	1	10	1	1	1	1	1	4	1	1	135

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L F R E E Q	W E L L F O O D O M P	P I P E C O M P	W E L L C L A S S	W E L L D E P T H	
MOPH516R	250	-0.001	12/12/78	278	15	1	1	14	1	1	1	1	3	1	1	200
MOPH517R	72	-0.001	12/12/78	278	15	1	5	8	1	1	1	1	6	1	1	U
MOPH518R	160	-0.001	12/12/78	278	15	1	1	12	1	1	1	1	1	1	1	224
MOPH519R	159	0.010	12/12/78	278	16	1	5	U	5	4	1	1	1	3	1	U
MOPH520R	67	-0.001	12/12/78	278	14	1	1	14	1	1	1	1	1	1	1	385
MOPH521R	117	-0.001	12/12/78	278	14	1	1	1	1	1	1	1	2	1	1	220
MOPH522R	73	-0.001	12/13/78	278	13	1	1	13	1	1	1	1	6	1	1	270
MOPH523R	137	-0.001	12/13/78	278	20	1	3	20	3	1	1	1	3	1	1	180
MOPH524R	77	-0.001	12/13/78	278	14	1	1	8	1	1	1	1	6	1	1	200
MOPH525R	87	-0.001	12/13/78	278	13	1	1	16	1	1	1	1	2	1	1	193
MOPH526R	32	-0.001	12/13/78	278	19	1	5	13	1	1	1	1	3	1	1	U
MOPH527R	60	-0.001	12/13/78	278	13	1	2	10	1	1	1	1	3	1	1	50U
MOPH528R	42	42.050	12/13/78	278	13	1	1	10	1	1	1	1	3	1	1	350
MOPH529R	27	-0.001	12/13/78	278	8	1	1	1	1	1	1	1	3	1	1	280
MOPH530R	40	-0.001	12/13/78	278	17	1	5	U	5	1	1	1	7	7	1	U
MOPH531R	58	-0.001	12/13/78	278	12	1	1	15	3	1	1	1	3	1	1	120
MOPH532R	56	-0.001	12/13/78	278	14	1	1	3	1	1	1	1	3	1	1	405
MOPH533R	76	-0.001	12/13/78	278	15	1	5	4	1	1	1	1	6	1	1	U
MOPH534R	31	-0.001	12/13/78	278	11	1	1	16	1	1	1	1	1	1	1	350
MOPH535R	44	-0.001	12/13/78	278	16	1	2	1	1	1	1	1	6	1	2	500
MOPH536R	33	-0.001	12/13/78	278	10	1	5	U	5	1	1	1	6	1	1	U
MOPH537R	23	-0.001	12/13/78	278	12	1	1	25	1	1	1	1	1	1	1	155
MOPH538R	39	-0.001	12/13/78	278	9	1	5	U	5	1	1	1	6	1	2	U
MOPH539R	95	-0.001	12/14/78	278	10	1	1	12	1	1	1	1	3	1	1	253
MOPH540R	23	-0.001	12/14/78	278	13	1	5	8	1	1	1	1	3	6	1	U
MOPH541R	19	-0.001	12/14/78	278	10	1	1	7	1	1	1	1	1	1	1	200
MOPH542R	13	-0.001	12/14/78	278	6	1	5	3	1	4	1	1	6	1	1	U
MOPH543R	50	-0.001	12/14/78	278	9	1	5	U	5	1	1	1	6	1	1	U
MOPH544R	67	-0.001	12/14/78	278	7	1	1	10	1	1	1	1	6	1	1	305
MOPH545R	56	-0.001	12/14/78	278	10	1	1	12	1	1	1	1	6	6	1	230
MOPH546R	60	-0.001	12/14/78	278	9	1	2	30	1	1	1	1	1	1	1	325
MOPH547R	25	-0.001	12/14/78	278	11	1	5	2	1	1	1	1	3	1	1	U
MOPH548R	13	-0.001	12/14/78	278	9	1	1	2	1	1	1	1	3	1	1	170
MOPH549R	5	-0.001	12/14/78	278	12	1	1	U	5	1	1	1	3	1	1	120
MOPH550R	10	-0.001	12/14/78	278	9	1	3	10	1	1	1	1	3	1	1	100
MOPH551R	15	-0.001	12/14/78	273	13	1	3	10	3	1	1	1	1	7	1	158
MOPH552R	7	-0.001	12/14/78	273	11	1	1	17	1	1	1	1	7	7	1	500
MOPH553R	15	-0.001	12/14/78	273	14	1	4	10	2	1	1	1	3	7	1	150
MOPH554R	13	-0.001	12/14/78	273	14	1	5	1	1	1	1	1	6	7	1	U
MOPH555R	8	-0.001	12/14/78	273	13	1	1	7	2	1	1	1	1	7	1	375
MOPH556R	13	-0.001	12/14/78	273	15	1	3	18	2	1	1	1	1	7	1	180
MOPH557R	11	-0.001	12/14/78	273	4	1	5	U	5	1	1	1	3	1	1	U
MOPH558R	7	-0.001	12/14/78	273	10	1	5	U	5	1	1	1	6	7	1	U
MOPH559R	9	0.010	12/14/78	273	11	1	3	34	2	1	1	1	7	1	1	300
MOPH560R	23	-0.001	12/14/78	273	12	1	2	10	2	1	1	1	3	7	1	190
MOPH561R	14	-0.001	12/12/78	273	12	1	3	10	2	1	1	1	3	7	1	250
MOPH562R	10	-0.001	12/12/78	273	12	1	5	15	3	1	1	1	6	7	1	U
MOPH563R	16	-0.001	12/12/78	273	22	1	2	35	3	1	1	1	3	7	1	100
MOPH564R	48	-0.001	12/12/78	273	14	1	2	11	1	1	1	1	1	7	1	200
MOPH565R	28	-0.001	12/12/78	273	16	1	1	30	2	1	1	1	2	7	1	166

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L L O O R P	P I P E C O M P	W E L L C L A S S	W E L L D E P T H
MOPH566R	56	-0.001	12/12/78	273	12	1	3	6	1	1	1	1	1	7	1	40
MOPH567R	50	-0.001	12/12/78	273	8	1	2	6	2	1	1	1	1	3	7	232
MOPH568R	43	-0.001	12/12/78	273	15	1	2	18	2	1	1	1	1	7	1	320
MOPH569R	50	-0.001	12/12/78	273	17	1	3	6	2	1	1	1	1	3	7	400
MOPH570R	81	-0.001	12/12/78	273	9	1	2	5	2	1	1	1	1	2	7	200
MOPH571R	54	-0.001	12/12/78	273	19	1	1	13	2	1	1	1	1	7	7	395
MOPH572R	54	-0.001	12/12/78	273	9	2	1	999	1	4	1	1	1	1	7	0
MOPH573R	38	-0.001	12/12/78	273	10	1	3	16	2	1	1	1	1	6	7	310
MOPH574R	60	-0.001	12/12/78	273	9	1	1	5	1	1	1	1	1	7	7	170
MOPH575R	58	-0.001	12/12/78	273	10	1	5	U	5	4	1	1	1	6	7	U
MOPH576R	64	-0.001	12/12/78	273	11	1	1	10	2	1	1	1	1	1	7	180
MOPH577R	51	-0.001	12/12/78	273	16	1	5	2	1	1	1	1	1	6	7	U
MOPH578R	29	-0.001	12/12/78	273	8	1	2	10	3	1	1	1	1	7	7	275
MOPH579R	32	-0.001	12/13/78	273	12	1	5	U	5	1	1	1	1	1	7	U
MOPH580R	55	-0.001	12/13/78	273	8	1	5	U	5	1	1	1	1	6	7	U
MOPH581R	37	-0.001	12/13/78	273	12	1	2	10	3	1	1	1	1	3	7	205
MOPH582R	340	-0.001	12/13/78	273	9	1	1	42	1	1	1	1	1	7	7	139
MOPH583R	72	-0.001	12/13/78	273	10	1	5	15	2	1	1	1	1	7	7	U
MOPH584R	38	-0.001	12/13/78	273	13	1	1	12	2	1	1	1	1	7	7	292
MOPH585R	62	-0.001	12/13/78	273	14	1	5	11	2	1	1	1	1	3	7	U
MOPH586R	53	-0.001	12/13/78	273	9	1	5	U	5	1	1	1	1	6	7	U
MOPH587R	41	-0.001	12/13/78	273	15	1	5	3	2	1	1	1	1	3	7	U
MOPH588R	32	-0.001	12/13/78	273	16	1	1	51	2	1	1	1	1	3	7	333
MOPH589R	58	-0.001	12/13/78	273	12	1	5	U	5	1	1	1	1	1	7	U
MOPH590R	87	-0.001	12/13/78	273	22	1	5	10	3	2	1	1	1	6	7	U
MOPH591R	76	-0.001	12/13/78	273	11	1	5	8	3	1	1	1	1	3	7	U
MOPH592R	18	-0.001	12/13/78	273	88	1	5	U	5	1	1	1	1	6	7	U
MOPH593R	26	-0.001	12/13/78	273	18	1	2	10	3	1	1	1	1	6	7	300
MOPH594R	59	-0.001	12/13/78	273	11	1	2	8	2	1	1	1	1	3	7	225
MOPH595R	155	-0.001	12/13/78	273	9	1	5	U	5	2	2	2	1	7	4	U
MOPH596R	45	-0.001	12/13/78	273	9	1	1	14	1	1	1	1	1	6	7	425
MOPH597R	43	-0.001	12/13/78	273	16	1	2	17	2	1	1	1	1	7	7	98
MOPH598R	32	-0.001	12/13/78	273	13	1	2	10	3	1	1	1	1	6	7	300
MOPH599R	58	-0.001	12/13/78	273	10	1	1	78	2	1	1	1	1	1	7	335
MOPH600R	53	-0.001	12/13/78	273	13	1	2	5	1	1	1	1	1	7	7	360
MOPH601R	39	0.020	12/13/78	273	12	1	2	17	1	1	1	1	1	1	1	278
MOPH602R	44	-0.001	12/13/78	273	10	1	5	U	5	1	1	1	1	6	7	U
MOPH603R	63	-0.001	12/13/78	273	13	1	2	1	1	1	1	1	1	3	7	280
MOPH604R	36	-0.001	12/13/78	273	10	1	5	U	5	1	1	1	1	2	7	U
MOPH605R	37	-0.001	12/13/78	273	21	1	5	U	5	1	1	1	1	6	7	U
MOPH606R	43	-0.001	12/14/78	273	9	1	3	17	2	1	1	1	1	3	7	425
MOPH607R	59	-0.001	12/14/78	273	14	1	2	12	3	1	1	1	1	6	7	90
MOPH608R	43	-0.001	12/14/78	273	10	1	5	15	3	1	1	1	1	6	7	U
MOPH609R	44	-0.001	12/14/78	273	10	1	1	24	2	1	1	1	1	7	7	124
MOPH610R	60	-0.001	12/14/78	273	20	1	2	24	3	1	1	1	1	1	7	180
MOPH611R	54	-0.001	12/14/78	273	15	2	1	999	1	4	1	2	1	7	4	0
MOPH612R	77	-0.001	12/14/78	273	11	1	4	2	1	1	1	1	1	7	7	180
MOPH613R	47	-0.001	12/14/78	273	16	1	5	50	2	4	1	1	1	6	7	U
MOPH614R	141	-0.001	12/14/78	273	7	2	1	999	1	4	4	6	1	7	4	0
MOPH615R	50	-0.001	12/14/78	273	16	1	3	9	2	1	1	1	1	6	7	100

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L D E P T H	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E E Q U E R Y	W E L L L E V E L L D O M I N A N C E	P R O D U C T I O N	W E L L C O L L E C T I O N	W E L L C O L L E C T I O N	W E L L C O L L E C T I O N	
MOPR550R	8	-0.001	11/19/78	373	9	1	1	23	1	1	1	1	1	1	1	1	1	150
MOPR551R	9	-0.001	11/19/78	373	13	1	1	9	1	1	1	1	1	3	1	1	495	
MOPR552R	21	-0.001	11/19/78	373	19	1	1	2	1	1	1	1	3	6	1	365		
MOPR553R	7	0.010	11/19/78	373	8	1	1	4	1	1	1	1	6	6	1	537		
MOPR554R	12	-0.001	11/19/78	373	10	1	1	3	1	1	1	1	3	6	1	707		
MOPR555R	17	-0.001	11/19/78	373	14	1	1	2	1	1	1	1	3	1	1	341		
MOPR556R	16	-0.001	11/19/78	373	10	1	1	13	1	3	1	1	1	1	1	20		
MOPR557R	5	-0.001	11/19/78	373	12	1	2	1	1	3	1	1	1	1	6	1	20	
MOPR558R	23	-0.001	11/19/78	373	10	1	5	1	1	3	1	1	1	1	1	1	U	
MOPR559R	8	-0.001	11/19/78	373	10	1	1	4	1	1	1	1	1	2	1	1	384	
MOPR560R	6	-0.001	11/20/78	373	12	1	1	4	1	1	1	1	3	1	1	360		
MOPR561R	54	-0.001	11/20/78	373	11	1	1	50	1	3	2	1	1	1	1	1	20	
MOPR562R	9	-0.001	11/20/78	373	11	1	1	15	1	1	2	1	1	1	1	1	160	
MOPR563R	25	-0.001	11/20/78	373	12	1	1	3	1	1	1	1	3	1	1	265		
MOPR564R	8	-0.001	11/20/78	373	9	1	1	5	1	1	1	1	3	6	1	507		
MOPR565R	44	-0.001	11/20/78	373	9	1	1	1	1	1	1	1	3	1	1	400		
MOPR566R	66	-0.001	11/20/78	373	8	1	1	50	1	1	2	1	1	1	6	1	118	
MOPR567R	392	-0.001	11/20/78	373	12	1	1	5	1	1	1	1	3	1	1	302		
MOPR568R	405	-0.001	11/20/78	373	11	1	1	10	1	1	1	1	1	1	1	735		
MOPR569R	374	-0.001	11/20/78	373	8	1	1	1	1	1	1	1	3	1	1	400		
MOPR570R	402	-0.001	11/20/78	373	11	1	1	2	1	1	1	1	3	1	1	790		
MOPR571R	212	-0.001	11/20/78	373	9	1	1	20	1	1	1	1	1	1	1	270		
MOPR572R	398	-0.001	11/20/78	373	10	1	5	1	1	1	1	1	3	6	1	U		
MOPR573R	82	-0.001	11/20/78	373	11	1	1	7	1	1	1	1	3	6	1	640		
MOPR574R	164	-0.001	11/20/78	373	9	1	1	3	1	1	1	1	3	1	1	589		
MOPR575R	M	-0.001	11/20/78	373	12	1	1	4	1	1	1	1	3	1	1	591		
MOPR576R	126	0.020	11/20/78	373	10	1	2	18	1	1	1	1	1	5	3	900		
MOPR577R	167	-0.001	11/21/78	373	8	1	5	U	5	1	1	1	6	6	1	U		
MOPR578R	187	-0.001	11/21/78	373	9	1	1	22	1	1	2	1	1	1	1	181		
MOPR579R	134	-0.001	11/21/78	373	12	1	1	21	1	1	1	1	1	1	1	735		
MOPR580R	180	-0.001	11/21/78	373	10	1	5	2	2	1	1	1	3	1	1	U		
MOPR581R	395	0.020	11/21/78	373	11	1	1	7	1	1	1	1	3	1	1	640		
MOPR582R	336	-0.001	11/21/78	373	13	1	1	8	1	1	1	1	3	1	1	190		
MOPR583R	168	-0.001	11/21/78	373	9	1	1	3	1	1	1	1	3	6	1	1150		
MOPR584R	160	-0.001	11/21/78	373	12	1	5	8	2	1	1	1	3	1	1	U		
MORE501R	30	-0.001	12/ 3/78	383	12	1	1	10	2	1	1	1	1	3	1	80		
MORE502R	82	-0.001	12/ 3/78	383	12	2	1	999	1	4	1	1	3	4	1	0		
MORE503R	86	-0.001	12/ 3/78	383	11	2	1	999	1	4	4	6	2	3	4	0		
MORE504R	51	-0.001	12/ 3/78	383	10	1	1	20	1	1	1	1	3	7	1	117		
MORE505R	64	-0.001	12/ 3/78	383	12	1	1	8	1	1	1	1	3	7	1	165		
MORE506R	33	-0.001	12/ 3/78	383	10	1	2	18	1	1	1	1	1	1	1	80		
MORE507R	47	-0.001	12/ 3/78	383	11	1	1	14	1	1	1	1	1	4	1	50		
MORE508R	100	0.010	12/ 3/78	383	11	2	1	999	1	4	1	1	3	7	1	0		
MORE509R	103	-0.001	12/ 3/78	383	13	1	1	9	1	1	1	1	1	7	1	216		
MORE510R	90	-0.001	12/ 3/78	383	10	1	5	10	1	1	1	1	1	3	1	U		
MORE511R	72	-0.001	12/ 3/78	383	12	1	3	7	1	1	1	1	3	7	1	250		
MORE512R	88	-0.001	12/ 3/78	383	15	1	1	34	2	1	1	1	1	7	1	120		
MORE513R	131	-0.001	12/ 4/78	383	8	1	1	22	1	1	1	1	2	7	1	90		
MORE514R	67	-0.001	12/ 4/78	383	12	2	1	999	1	4	1	1	1	7	1	0		
MORE515R	357	-0.001	12/ 4/78	383	9	1	3	30	1	2	1	1	3	7	1	25		

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L D E P T H	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q U E N C Y	W E L L D E P T H	P I P E C O M P	W E L L C L A S S	W E L L D E P T H	
MORE516R	80	-0.001	12/ 4/78	383	10	1	5	20	1	1	1	1	1	3	7	1	U
MORE517R	54	-0.001	12/ 4/78	383	10	1	5	15	1	1	1	1	1	3	7	1	U
MORE518R	89	-0.001	12/ 4/78	383	10	1	1	11	1	1	1	1	1	3	7	1	105
MORE519R	160	-0.001	12/ 4/78	383	9	1	1	18	1	2	1	1	1	3	7	1	15
MORE520R	119	-0.001	12/ 4/78	383	9	1	5	7	2	1	1	1	1	3	7	1	U
MORE521R	78	-0.001	12/ 4/78	383	9	2	1	999	1	4	1	1	1	3	7	1	0
MORE522R	102	-0.001	12/ 4/78	383	10	2	1	999	1	4	1	1	1	1	7	1	0
MORE523R	84	-0.001	12/ 4/78	383	14	1	1	50	1	2	1	1	1	3	7	1	30
MORE524R	83	-0.001	12/ 4/78	383	9	1	2	3	1	1	1	1	1	3	7	1	101
MORE525R	M	-0.001	12/ 4/78	383	12	1	1	38	1	2	1	1	1	3	7	1	10
MORE526R	75	-0.001	12/ 4/78	383	10	1	1	15	1	1	1	1	1	3	7	1	100
MORE527R	86	0.010	12/ 4/78	383	7	1	2	15	1	1	1	1	1	3	7	1	1600
MORE528R	90	-0.001	12/ 4/78	383	16	1	1	10	1	1	1	1	1	3	7	1	110
MORE529R	90	-0.001	12/ 4/78	383	11	1	1	50	1	2	1	1	1	1	4	1	15
MORE530R	56	-0.001	12/ 4/78	383	24	1	2	7	1	1	1	1	1	3	7	1	300
MORE531R	76	-0.001	12/ 4/78	383	11	1	2	9	1	1	1	1	1	3	7	1	103
MORE532R	89	-0.001	12/ 4/78	383	11	1	2	2	1	1	1	1	1	3	7	1	90
MORE533R	100	-0.001	12/ 4/78	383	13	1	1	43	1	2	1	1	1	3	7	1	16
MORE534R	81	-0.001	12/ 4/78	383	10	1	4	U	5	1	1	1	1	3	7	1	500
MORE535R	75	-0.001	12/ 4/78	383	10	1	1	20	2	1	1	1	1	1	7	1	600
MORE536R	52	-0.001	12/ 4/78	383	17	1	5	10	1	1	1	1	1	3	7	1	U
MORE537R	95	-0.001	12/ 4/78	383	10	1	3	7	1	1	1	1	1	3	7	1	500
MORE538R	77	-0.001	12/ 4/78	383	9	2	1	999	1	4	1	1	1	3	7	1	0
MORE539R	55	-0.001	12/ 4/78	383	10	1	5	8	1	1	1	1	1	6	7	1	U
MORE540R	46	-0.001	12/ 4/78	383	10	1	3	2	1	1	1	1	1	3	7	1	160
MORE541R	97	-0.001	12/ 4/78	383	15	1	5	15	1	1	1	1	1	3	7	1	U
MORE542R	67	-0.001	12/ 4/78	383	16	1	2	1	1	1	1	1	1	3	1	1	160
MORE543R	84	-0.001	12/ 4/78	383	15	1	2	1	1	1	1	1	1	3	7	1	140
MORE544R	85	-0.001	12/ 6/78	383	6	1	1	8	1	1	1	1	1	1	7	1	297
MORE545R	82	-0.001	12/ 6/78	383	7	1	5	5	1	1	1	1	1	1	7	1	U
MORE546R	74	-0.001	12/ 6/78	383	10	1	2	10	2	2	1	1	1	1	7	1	12
MORE547R	82	-0.001	12/ 6/78	383	11	1	1	10	1	1	1	1	1	3	7	1	238
MORE548R	53	-0.001	12/ 6/78	383	9	1	2	15	1	1	1	1	1	3	7	1	800
MORE549R	59	-0.001	12/ 6/78	383	8	1	3	4	1	1	1	1	1	1	7	1	300
MORE550R	M	-0.001	12/ 6/78	383	10	1	2	10	1	1	1	1	1	6	7	1	340
MORE551R	69	-0.001	12/ 6/78	383	12	1	2	10	1	1	1	1	1	1	7	1	280
MORE552R	79	-0.001	12/ 6/78	383	9	1	1	10	1	1	1	1	1	3	7	1	160
MORE553R	88	-0.001	12/ 6/78	383	10	1	3	7	1	1	1	1	1	3	7	1	225
MORE554R	53	-0.001	12/ 6/78	383	7	1	1	8	1	1	1	1	1	1	1	1	384
MORE555R	82	-0.001	12/ 6/78	383	12	1	1	8	1	1	1	1	1	3	7	1	265
MORE556R	64	-0.001	12/ 6/78	383	11	1	2	20	1	1	1	1	1	1	7	1	14
MORE557R	49	-0.001	12/ 6/78	383	12	1	2	10	1	1	1	1	1	3	7	1	20
MORE558R	134	-0.001	12/ 6/78	383	8	1	2	7	1	1	1	1	1	3	3	1	25
MORE559R	105	-0.001	12/ 6/78	383	6	1	1	10	1	1	1	1	1	3	7	1	265
MORE560R	103	-0.001	12/ 6/78	383	6	2	1	999	1	4	1	1	1	1	3	1	0
MORE561R	84	-0.001	12/ 7/78	383	8	1	5	15	1	1	1	1	1	1	3	1	U
MORE562R	97	-0.001	12/ 7/78	383	8	1	2	75	1	2	1	1	1	3	7	1	27
MORE563R	112	-0.001	12/ 7/78	383	9	1	2	10	1	1	1	1	1	3	7	1	68
MORE564R	77	-0.001	12/ 6/78	383	30	2	1	999	1	4	1	1	1	3	7	1	0
MORE565R	85	-0.001	12/ 7/78	383	10	2	1	999	1	4	1	1	1	3	7	1	0

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMDATE	TEAM	W A T E R T E M	W E L L D E P T H	D E P T H	A G E	A G E	W E L L T Y P E	W E L L U S E	W E L L F R E Q U E N C Y	W E L L L E V E L	P I P E D I A M	W E L L C O L L A P E R I O D	W E L L C O L L A P E R I O D	W E L L C O L L A P E R I O D
MORE566R	87	-0.001	12/ 7/78	383	11	2	1	999	1	4	1	1	1	3	7	1	0
MORE567R	80	-0.001	12/ 7/78	383	11	1	1	3	1	1	1	1	1	3	7	1	365
MORE568R	90	-0.001	12/ 7/78	383	13	1	1	43	1	1	1	1	1	1	7	1	125
MORE569R	79	-0.001	12/ 7/78	383	9	1	3	10	1	1	1	1	1	1	7	1	100
MORE570R	81	-0.001	12/ 7/78	383	10	2	1	999	1	4	1	1	1	3	7	1	0
MORE571R	76	-0.001	12/ 7/78	383	12	1	5	15	1	1	1	1	1	3	7	1	U
MORE572R	103	-0.001	12/ 7/78	383	12	1	2	9	1	1	1	1	1	3	7	1	120
MORE573R	75	-0.001	12/ 7/78	383	7	1	5	14	2	1	1	1	1	3	7	1	U
MORE574R	97	-0.001	12/ 7/78	383	15	1	1	10	1	1	1	1	1	3	7	1	150
MORE575R	95	-0.001	12/ 7/78	383	12	1	2	25	1	1	1	1	1	1	7	1	15
MORE576R	73	-0.001	12/ 7/78	383	9	1	2	10	1	1	1	1	1	1	1	1	200
MORE577R	98	-0.001	12/ 7/78	383	14	1	2	10	2	1	1	1	1	3	7	1	92
MORE578R	53	-0.001	12/ 7/78	383	8	1	2	5	1	1	1	1	1	3	7	1	128
MORE579R	117	-0.001	12/ 7/78	383	9	2	1	999	1	4	1	1	1	1	4	1	0
MORE580R	117	-0.001	12/ 6/78	383	7	1	5	10	1	1	1	1	1	6	7	1	U
MORE581R	84	-0.001	12/ 8/78	383	5	1	5	8	1	1	1	1	1	6	7	1	U
MORE582R	92	-0.001	12/ 8/78	383	7	1	2	15	1	1	1	1	1	1	7	1	300
MORE583R	133	0.010	12/ 8/78	383	6	1	5	10	1	1	1	1	1	6	7	1	U
MORE584R	64	-0.001	12/ 8/78	383	7	1	1	15	1	1	1	1	1	2	7	1	200
MORE585R	256	-0.001	12/ 8/78	383	8	1	1	30	1	2	1	1	1	3	7	1	25
MORE586R	77	-0.001	12/ 8/78	383	8	1	5	15	1	1	1	1	1	6	7	1	U
MORE587R	93	-0.001	12/ 9/78	383	7	2	1	999	1	4	1	1	1	3	4	1	0
MORE588R	102	-0.001	12/ 9/78	383	6	1	2	5	1	1	1	1	1	3	7	1	380
MORE589R	82	-0.001	12/ 9/78	383	6	1	1	11	1	1	1	1	1	1	7	1	900
MORE590R	222	-0.001	12/ 9/78	383	7	1	2	40	1	1	1	1	1	3	3	1	500
MORE591R	104	-0.001	12/ 9/78	383	7	1	1	10	2	1	1	1	1	6	7	1	180
MORE592R	99	-0.001	12/ 9/78	383	8	1	2	5	1	1	1	1	1	1	7	1	500
MORE593R	93	-0.001	12/ 9/78	383	7	1	2	2	1	1	1	1	1	3	7	1	100
MORE594R	78	-0.001	12/ 9/78	383	7	1	2	12	1	1	1	1	1	6	7	1	280
MORE595R	95	-0.001	12/ 9/78	383	8	1	1	12	1	1	1	1	1	1	7	1	65
MORE596R	71	-0.001	12/ 9/78	383	8	1	1	50	1	1	1	1	1	1	7	1	250
MORE597R	83	-0.001	12/ 9/78	383	9	1	1	8	1	1	1	1	1	1	7	1	178
MORE598R	50	0.020	12/ 9/78	383	9	1	1	10	1	1	1	1	1	3	7	1	300
MORE599R	83	-0.001	12/ 9/78	383	9	1	1	2	1	1	1	1	1	1	7	1	250
MORE600R	77	-0.001	12/ 9/78	383	10	1	1	6	1	1	1	1	1	3	7	1	204
MORE601R	91	-0.001	12/ 9/78	383	10	1	1	8	1	1	1	1	1	3	7	1	370
MORE602R	78	-0.001	12/ 9/78	383	11	1	1	94	1	1	1	1	1	1	7	1	899
MORE603R	82	-0.001	12/ 9/78	383	11	1	5	15	1	1	1	1	1	1	7	1	U
MORE604R	43	-0.001	12/ 9/78	383	11	1	1	10	1	1	1	1	1	3	7	1	197
MORE605R	53	-0.001	12/11/78	383	10	1	1	4	1	1	1	1	1	1	7	1	280
MORE606R	142	-0.001	12/11/78	383	10	1	2	10	1	1	1	1	1	1	7	1	280
MORE607R	106	0.020	12/11/78	383	9	1	1	22	1	1	1	1	1	1	1	1	150
MORE608R	88	-0.001	12/11/78	383	9	1	1	12	2	1	1	1	1	3	7	1	280
MORE609R	82	-0.001	12/11/78	383	11	1	2	4	1	1	1	1	1	3	7	1	246
MORE610R	65	-0.001	12/11/78	383	13	1	1	8	1	1	1	1	1	1	7	1	78
MORE611R	74	-0.001	12/12/78	383	12	1	1	6	1	1	1	1	1	3	7	1	355
MORE612R	54	-0.001	12/12/78	383	14	1	1	15	1	1	1	1	1	3	7	1	60
MORE613R	19	-0.001	12/12/78	383	13	1	1	17	1	1	1	1	1	3	7	1	120
MORE614R	32	-0.001	12/12/78	383	13	1	2	57	1	2	1	1	1	1	4	1	30
MORE615R	49	-0.001	12/12/78	383	14	1	5	15	1	1	1	1	1	1	7	1	U

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMDATE	TEAM	W A T E R T E M	W E L L D E P T H C O N	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P L E C O M	W E L L C O L A S S	W E L L D E P T H	
MORE616R	64	-0.001	12/12/78	383	14	1	5	10	1	1	1	1	1	1	7	1	U
MORE617R	89	-0.001	12/12/78	383	15	1	1	8	1	1	1	1	1	3	7	1	120
MORE618R	45	-0.001	12/12/78	383	14	1	1	30	1	2	1	1	1	1	1	1	23
MORE619R	51	-0.001	12/12/78	383	13	1	2	7	1	1	1	1	1	2	7	1	110
MORE620R	43	-0.001	12/12/78	383	13	2	1	999	1	4	1	1	1	3	7	1	0
MORE621R	89	-0.001	12/12/78	383	14	1	1	100	1	4	1	1	1	3	7	1	1
MORE622R	42	-0.001	12/12/78	383	15	1	3	13	1	1	1	1	1	1	7	1	185
MORE623R	34	-0.001	12/12/78	383	15	1	5	14	1	1	1	1	1	1	7	1	U
MORE624R	34	-0.001	12/12/78	383	14	1	1	45	1	1	1	1	1	2	7	1	65
MORE625R	39	-0.001	12/12/78	383	14	1	3	6	1	1	1	1	1	3	7	1	160
MORE626R	33	-0.001	12/12/78	383	15	1	1	1	1	1	1	1	1	1	7	1	390
MOR1501R	100	-0.001	5/22/78	298	20	1	1	12	1	3	1	1	1	3	1	1	172
MOR1502R	73	-0.001	5/22/78	298	21	1	1	30	2	1	1	1	1	3	1	1	80
MOR1503R	71	-0.001	5/22/78	298	20	1	1	3	1	1	1	1	1	3	1	1	190
MOR1504R	59	-0.001	5/22/78	298	19	1	1	1	1	1	1	1	1	3	1	1	24
MOR1505R	49	-0.001	5/22/78	298	18	1	1	2	1	3	1	1	1	1	3	1	30
MOR1506R	49	-0.001	5/22/78	298	20	1	1	4	1	1	1	1	1	3	1	1	101
MOR1507R	61	-0.001	5/22/78	298	20	1	1	3	1	1	1	1	1	3	3	1	140
MOR1508R	65	-0.001	5/22/78	298	23	1	2	3	1	1	1	1	1	3	1	1	90
MOR1509R	68	-0.001	5/22/78	298	23	1	1	14	1	1	1	1	1	3	1	1	120
MOR1510R	126	-0.001	5/22/78	298	28	1	1	4	1	1	1	1	1	3	3	1	95
MOR1511R	50	-0.001	5/22/78	298	20	1	1	6	2	1	3	3	1	6	1	1	96
MOR1512R	63	-0.001	5/22/78	298	22	1	1	15	2	1	1	1	1	2	1	1	85
MOR1513R	89	-0.001	5/22/78	298	24	1	5	2	2	1	1	1	1	3	1	1	U
MOR1514R	73	-0.001	5/24/78	298	21	1	2	10	2	1	1	1	1	2	3	1	100
MOR1515R	56	-0.001	5/24/78	298	22	1	1	80	1	2	1	1	1	3	1	1	35
MOR1516R	57	-0.001	5/24/78	298	26	1	1	3	1	1	3	1	1	3	1	1	100
MOR1517R	53	-0.001	5/24/78	298	23	1	4	2	4	1	1	1	1	6	1	1	50
MOR1518R	71	-0.001	5/24/79	298	25	1	1	8	1	1	1	1	1	3	1	1	253
MOR1519R	62	-0.001	5/24/78	298	21	1	1	6	1	1	1	1	1	1	1	1	135
MOR1520R	49	-0.001	5/24/78	298	20	1	1	5	1	1	1	1	1	3	1	1	142
MOR1521R	52	-0.001	5/24/78	298	22	1	4	U	5	1	1	1	1	6	1	1	100
MOR1522R	70	-0.001	5/24/78	298	27	1	1	30	1	2	1	1	1	3	1	1	20
MOR1523R	99	-0.001	5/27/78	298	23	1	1	12	1	1	1	1	1	3	1	1	120
MOR1524R	89	-0.001	5/27/78	298	32	1	1	2	1	1	1	1	1	3	1	1	20
MOR1525R	127	-0.001	5/27/78	298	20	1	1	U	5	2	1	1	1	3	1	1	25
MOR1526R	65	-0.001	5/23/78	298	24	1	5	U	5	4	1	1	1	6	1	1	U
MOR1527R	59	-0.001	5/23/78	298	17	1	1	5	1	1	1	1	1	4	3	1	60
MOR1528R	54	-0.001	5/23/78	298	19	1	1	1	1	1	1	1	1	4	1	1	230
MOR1529R	70	-0.001	5/23/78	298	21	1	1	15	1	1	1	1	1	1	7	1	154
MOR1530R	107	0.150	5/23/78	298	21	1	1	6	1	1	1	1	1	4	1	1	273
MOR1533R	229	-0.001	5/23/78	297	19	1	1	3	1	1	1	1	1	3	2	1	355
MOR1534R	124	-0.001	5/22/78	297	20	1	5	10	2	1	1	1	1	1	1	1	U
MOR1535R	77	-0.001	5/22/78	297	24	1	5	6	3	4	4	2	1	6	1	1	U
MOR1536R	159	-0.001	5/22/78	297	18	1	4	9	2	1	1	1	1	6	2	1	100
MOR1537R	96	-0.001	5/29/78	297	23	1	5	5	4	1	1	1	1	1	7	1	U
MOR1538R	100	-0.001	5/22/78	297	18	1	1	22	2	1	1	1	1	1	7	1	150
MOR1539R	125	-0.001	5/22/78	297	21	1	2	8	2	3	1	1	1	4	1	1	175
MOR1540R	72	-0.001	5/19/78	297	20	1	5	8	3	1	1	1	1	3	2	1	U
MOR1541R	70	-0.001	5/22/78	297	20	1	1	5	2	1	1	1	1	7	2	1	205

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMDATE	TEAM	W A T E R T E M	W E L L T R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L L O O R	P I P E C O M	W E L L C L A S S	W E L L D E P T H	
MOR1542R	66	-0.001	5/22/78	297	23	1	2	4	2	1	1	1	1	4	7	1	75
MOR1543R	68	-0.001	5/22/78	297	20	1	2	6	2	1	1	1	1	1	2	1	265
MOR1544R	88	-0.001	5/23/78	297	22	1	5	16	3	1	1	1	1	6	2	1	U
MOR1545R	120	-0.001	5/23/78	297	19	1	5	2	4	1	1	1	1	3	2	1	U
MOR1546R	130	-0.001	5/23/78	297	19	1	1	15	2	1	2	1	1	1	2	1	150
MOR1547R	151	-0.001	5/23/78	297	20	1	3	5	4	1	1	1	1	6	2	1	100
MOR1548R	142	-0.001	5/23/78	297	20	1	5	U	5	1	1	1	1	6	2	1	U
MOR1549R	107	-0.001	5/23/78	297	22	1	1	16	2	1	1	1	1	4	1	1	180
MOR1550R	107	-0.001	5/23/78	297	22	1	3	9	2	1	1	1	1	1	2	1	150
MOR1551R	110	-0.001	5/23/78	297	27	1	1	20	1	1	1	1	1	3	1	1	270
MOR1552R	117	-0.001	5/23/78	297	21	1	2	10	3	1	1	1	1	6	1	1	100
MOR1553R	103	-0.001	5/23/78	297	22	1	4	7	2	1	1	1	1	3	7	1	100
MOR1554R	38	-0.001	5/23/78	297	21	1	1	5	1	1	1	1	1	4	7	1	145
MOR1555R	90	-0.001	5/23/78	297	21	1	2	30	2	1	1	1	1	3	7	1	54
MOR1556R	71	-0.001	5/23/78	297	20	1	1	1	4	1	1	1	1	4	2	1	335
MOR1557R	86	-0.001	5/24/78	297	19	1	3	6	4	1	1	1	1	6	2	1	100
MOR1558R	78	-0.001	5/24/78	297	20	1	5	2	4	1	1	1	1	6	1	1	U
MOR1559R	87	-0.001	5/23/78	297	23	1	1	15	2	1	1	1	1	1	7	1	100
MOR1560R	46	-0.001	5/24/78	297	19	1	1	8	2	1	1	1	1	3	2	1	65
MOR1561R	62	-0.001	5/24/78	297	21	1	1	5	2	1	1	1	1	3	2	1	60
MOR1563R	35	-0.001	6/26/78	359	22	1	1	2	1	1	1	1	1	1	1	1	175
MOR1564R	31	-0.001	6/26/78	359	21	1	1	14	1	1	1	1	1	4	1	1	104
MOR1565R	72	-0.001	6/26/78	359	20	2	1	999	1	4	1	1	1	7	4	1	0
MOR1566R	44	-0.001	6/26/78	359	21	1	1	3	3	1	1	1	1	3	1	1	90
MOR1567R	81	-0.001	6/27/78	359	23	1	2	13	1	1	1	1	1	3	1	1	200
MOR1568R	83	-0.001	6/27/78	359	23	1	1	3	1	1	1	1	1	4	1	1	311
MOR1569R	58	-0.001	6/27/78	359	23	1	1	25	2	1	1	1	1	4	1	1	186
MOR1570R	22	-0.001	6/26/78	359	25	1	1	3	1	1	1	1	1	3	1	1	184
MOR1571R	62	-0.001	6/27/78	359	21	1	1	1	1	1	1	1	1	3	1	1	250
MOR1572R	46	0.050	6/27/78	359	27	1	1	3	2	1	1	1	1	3	1	1	360
MOR1573R	50	-0.001	6/27/78	359	22	1	2	U	5	1	1	1	1	4	1	1	135
MOR1574R	41	-0.001	6/27/78	360	20	1	1	15	1	1	1	1	1	3	1	1	126
MOR1575R	29	-0.001	6/27/78	360	21	1	2	20	1	3	1	1	1	1	3	1	10
MOR1576R	21	-0.001	6/27/78	360	21	1	5	8	1	3	1	1	1	4	1	1	U
MOR1577R	26	-0.001	6/27/78	360	25	1	1	10	2	3	1	1	1	1	1	1	20
MOR1578R	78	-0.001	6/27/78	360	22	1	1	11	1	1	1	1	1	4	1	1	89
MOR1579R	63	-0.001	6/27/78	360	20	1	1	15	2	1	1	1	1	4	2	1	125
MOR1580R	34	-0.001	6/27/78	360	22	1	1	12	1	1	1	1	1	3	1	1	160
MOR1581R	33	-0.001	6/27/78	360	30	1	1	2	1	1	1	1	1	4	1	1	215
MOR1582R	25	-0.001	6/27/78	360	23	1	2	5	1	1	1	1	1	1	1	1	140
MOR1583R	30	-0.001	6/27/78	360	27	1	1	15	1	1	1	1	1	3	1	1	100
MOR1584R	51	-0.001	6/28/78	353	24	1	2	10	2	1	1	1	1	1	1	1	130
MOR1585R	49	-0.001	6/28/78	353	21	1	2	15	2	1	1	1	1	3	1	1	80
MOR1586R	190	-0.001	6/28/78	353	24	1	1	11	1	1	1	1	1	1	1	1	200
MOR1587R	72	-0.001	6/28/78	353	22	2	1	999	1	4	1	1	1	3	4	1	0
MOR1588R	60	-0.001	6/28/78	353	26	2	1	999	1	4	1	1	1	3	1	1	0
MOR1589R	67	-0.001	6/28/78	353	23	1	1	6	1	1	1	1	1	1	1	1	125
MOR1590R	158	1.350	6/28/78	353	25	1	3	22	2	1	1	1	1	3	1	1	30
MOR1591R	202	-0.001	6/29/78	353	21	1	2	4	1	1	1	1	1	1	1	1	60
MOR1592R	78	-0.001	6/28/78	353	28	1	3	15	3	1	1	1	1	6	1	1	200

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E C O M	W E L L C L A S S	W E L L D E P T H	
MOR1593R	72	-0.001	6/28/78	353	23	1	5	7	3	1	1	1	1	4	1	1	U
MOR1594R	52	1.920	6/28/78	353	23	1	5	U	5	1	1	1	1	2	1	1	U
MOR1595R	49	-0.001	6/28/78	359	23	2	1	999	1	4	1	1	1	3	1	1	0
MOR1596R	32	-0.001	6/28/78	359	24	1	1	35	1	1	1	1	1	1	1	1	520
MOR1597R	55	-0.001	6/28/78	359	22	1	1	12	2	1	1	1	1	1	1	1	220
MOR1598R	63	-0.001	6/29/78	353	20	2	1	999	1	4	2	6	1	4	4	1	0
MOR1599R	54	-0.001	6/29/78	353	22	1	1	3	2	1	1	1	1	6	1	1	180
MOR1600R	84	-0.001	6/29/78	353	21	1	1	2	1	1	1	1	1	1	1	1	270
MOR1601R	53	1.640	6/29/78	309	25	1	2	15	3	1	1	1	1	1	1	2	900
MOR1602R	105	-0.001	6/29/78	309	20	1	1	10	4	1	1	1	1	1	1	1	158
MOR1603R	109	-0.001	6/29/78	309	24	1	2	7	1	1	1	1	1	3	1	1	175
MOR1604R	61	-0.001	6/29/78	309	25	1	2	21	1	1	1	1	1	1	1	1	89
MOR1605R	124	-0.001	6/29/78	309	23	1	1	28	1	1	1	1	1	3	1	1	80
MOR1606R	55	-0.001	6/29/78	309	21	1	3	25	2	1	1	1	1	3	1	1	80
MOR1607R	55	-0.001	6/29/78	309	23	1	3	8	1	1	1	1	1	1	1	1	25
MOR1608R	81	-0.001	6/29/78	309	29	1	1	1	1	3	1	1	1	3	1	1	50
MOR1609R	61	-0.001	6/29/78	309	26	1	1	11	2	3	1	1	1	1	1	1	24
MOR1610R	66	-0.001	6/29/78	309	22	1	2	15	2	1	1	1	1	1	1	1	140
MOR1611R	54	-0.001	6/29/78	359	22	1	1	10	3	1	1	1	1	1	1	1	110
MOR1612R	M	-0.001	6/29/78	359	26	1	3	15	2	1	1	1	1	4	1	1	100
MOR1613R	111	-0.001	6/29/78	359	29	2	1	999	1	1	1	1	1	3	1	1	0
MOR1614R	68	-0.001	6/29/78	359	24	1	1	7	2	1	1	1	1	6	1	1	65
MOR1615R	92	-0.001	6/29/78	359	22	1	2	20	1	1	1	1	1	3	1	1	140
MOSD501R	783	-0.001	5/22/78	301	17	1	1	20	2	3	1	1	1	4	1	1	60
MOSD502R	82	-0.001	5/22/78	301	16	1	3	U	5	3	1	1	1	1	3	1	40
MOSD503R	61	-0.001	5/22/78	301	18	1	5	3	2	4	1	1	1	6	1	1	U
MOSD504R	99	-0.001	5/22/78	301	20	1	1	1	1	1	1	1	1	3	1	1	275
MOSD505R	245	-0.001	5/22/78	301	19	1	3	U	5	1	4	2	1	3	1	1	65
MOSD506R	129	-0.001	5/22/78	301	20	1	1	6	2	1	1	1	1	3	1	1	105
MOSD507R	103	-0.001	5/22/78	301	19	1	5	2	3	1	1	1	1	3	3	1	U
MOSD508R	87	-0.001	5/22/78	301	19	1	1	14	1	2	1	1	1	1	1	1	82
MOSD509R	121	-0.001	5/22/78	301	18	1	1	2	1	1	1	1	1	3	1	1	30
MOSD510R	88	-0.001	5/22/78	301	23	1	1	5	2	2	1	1	1	1	1	1	25
MOSD511R	84	-0.001	5/22/78	301	19	1	1	U	5	1	1	1	1	3	1	1	40
MOSD512R	73	-0.001	5/22/78	301	21	1	2	3	2	4	1	1	1	3	1	1	20
MOSD513R	73	-0.001	5/22/78	301	20	1	1	5	2	1	1	1	1	3	1	1	23
MOSD514R	65	-0.001	5/22/78	301	21	1	5	U	5	4	1	1	1	6	1	1	U
MOSD515R	48	-0.001	5/22/78	301	27	1	1	3	2	3	3	4	1	4	3	7	20
MOSD516R	58	-0.001	5/23/78	301	18	1	2	10	2	3	1	1	1	1	1	1	22
MOSD517R	57	-0.001	5/23/78	301	17	1	5	15	3	3	1	1	1	6	1	1	U
MOSD518R	59	-0.001	5/23/78	301	20	1	2	4	2	3	1	1	1	3	1	1	20
MOSD519R	57	-0.001	5/23/78	301	19	1	5	U	5	4	1	1	1	6	3	1	U
MOSD520R	48	-0.001	5/23/78	301	27	1	5	U	5	4	1	1	1	1	3	1	U
MOSD521R	43	-0.001	5/23/78	301	19	1	1	4	1	3	1	1	1	3	1	1	23
MOSD522R	35	-0.001	5/23/78	301	21	1	2	15	2	3	1	1	1	3	1	1	28
MOSD523R	43	-0.001	5/23/78	301	22	1	5	4	2	3	1	1	1	3	1	1	U
MOSD524R	49	-0.001	5/23/78	301	20	1	5	U	5	3	1	1	1	6	1	1	U
MOSD525R	120	-0.001	5/23/78	301	24	1	1	1	1	1	1	1	1	3	1	1	25
MOSD526R	66	-0.001	5/23/78	301	19	1	5	12	1	1	1	1	1	3	1	1	U
MOSD527R	44	-0.001	5/23/78	301	21	1	2	1	1	1	1	1	1	3	7	1	80

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L O R D	P I P E C O M P	W E L L C L O C	W E L L C L A S S	W E L L D E P T H
MOSD528R	105	-0.001	5/23/78	301	24	1	3	20	3	4	1	1	1	3	7	1	20
MOSD529R	53	-0.001	5/23/78	301	23	1	5	10	3	4	1	1	1	3	1	1	U
MOSD530R	76	-0.001	5/24/78	301	21	1	1	7	1	1	1	1	1	1	1	1	65
MOSD531R	49	-0.001	5/24/78	301	21	1	5	6	1	1	1	1	1	3	1	1	U
MOSD532R	47	-0.001	5/24/78	301	23	1	1	10	1	1	1	1	1	3	1	1	66
MOSD533R	55	-0.001	5/24/78	301	20	1	1	12	2	1	1	1	1	3	1	1	115
MOSD534R	42	-0.001	5/24/78	301	23	1	5	7	2	1	1	1	1	4	1	1	U
MOSD535R	43	-0.001	5/24/78	301	21	1	1	1	1	3	1	1	1	3	1	1	25
MOSD536R	57	-0.001	5/24/78	301	20	1	1	2	2	1	1	1	1	3	3	1	100
MOSD537R	41	-0.001	5/24/78	301	19	1	5	U	5	4	1	1	1	6	3	1	U
MOSD538R	45	-0.001	5/24/78	301	19	1	5	U	5	4	1	1	1	6	3	1	U
MOSD539R	70	-0.001	5/25/78	301	26	1	5	U	5	4	1	1	1	6	1	1	U
MOSD540R	24	-0.001	6/24/78	360	20	1	1	17	1	1	1	1	1	1	3	1	98
MOSD541R	45	-0.001	6/24/78	360	17	1	1	23	1	2	1	1	1	3	3	1	21
MOSD542R	47	-0.001	5/22/78	296	15	1	3	4	2	4	1	1	1	6	1	1	30
MOSD543R	36	-0.001	5/22/78	296	15	1	2	30	2	2	1	1	1	2	7	1	30
MOSD544R	21	-0.001	5/22/78	296	17	1	2	4	1	4	1	1	1	6	1	1	100
MOSD545R	47	-0.001	5/22/78	296	19	1	5	U	5	4	1	1	1	6	7	1	U
MOSD546R	35	-0.001	5/22/78	296	19	1	5	2	2	4	1	1	1	6	7	1	U
MOSD547R	48	-0.001	5/22/78	296	19	1	4	2	2	4	1	1	1	3	7	1	200
MOSD548R	48	-0.001	5/22/78	296	21	1	2	17	1	1	1	1	1	3	7	1	95
MOSD549R	44	-0.001	5/22/78	296	20	1	5	U	5	4	1	1	1	6	7	1	U
MOSD550R	M	5.800	5/22/78	296	18	1	5	2	3	4	1	1	1	6	1	1	U
MOSD551R	63	2.040	5/22/78	296	22	1	5	3	2	4	1	1	1	6	7	1	U
MOSD552R	46	-0.001	5/22/78	296	18	1	5	3	2	4	1	1	1	6	3	1	U
MOSD553R	93	-0.001	5/22/78	296	18	1	2	10	1	4	1	1	1	3	1	1	125
MOSD554R	50	-0.001	5/22/78	296	18	1	1	17	2	4	1	1	1	6	7	1	80
MOSD555R	86	-0.001	5/22/78	296	19	1	5	10	3	4	1	1	1	6	7	1	U
MOSD556R	110	-0.001	5/22/78	296	19	1	1	10	2	4	1	1	1	7	7	1	180
MOSD557R	84	-0.001	5/22/78	296	16	1	2	8	2	4	1	1	1	3	1	1	80
MOSD558R	218	-0.001	5/22/78	296	21	1	5	U	5	4	1	1	1	6	7	1	U
MOSD559R	239	-0.001	5/22/78	296	18	1	2	3	2	4	1	1	1	6	1	1	100
MOSD560R	105	-0.001	5/22/78	296	20	1	5	10	1	4	1	1	1	6	7	1	U
MOSD561R	80	-0.001	5/23/78	296	19	1	1	10	2	1	1	1	1	4	7	1	200
MOSD562R	79	-0.001	5/23/78	296	20	2	1	999	1	4	1	1	1	3	7	1	0
MOSD563R	74	-0.001	5/23/78	296	19	1	1	50	1	3	1	1	1	1	1	1	22
MOSD564R	64	-0.001	5/23/78	296	20	1	5	7	1	3	1	1	1	3	1	1	U
MOSD565R	63	-0.001	5/23/78	296	17	1	5	U	5	4	1	1	1	6	7	1	U
MOSD566R	81	-0.001	5/23/78	296	20	1	5	6	1	4	1	1	1	6	1	1	U
MOSD567R	139	-0.001	5/23/78	296	20	1	5	U	5	4	1	1	1	6	1	1	U
MOSD568R	163	-0.001	5/23/78	296	22	1	5	U	5	4	1	1	1	6	1	1	U
MOSD569R	128	-0.001	5/23/78	296	18	1	5	U	5	4	1	1	1	6	1	1	U
MOSD570R	112	-0.001	5/23/78	296	18	1	5	U	5	4	1	1	1	6	1	1	U
MOSD571R	90	-0.001	5/23/78	296	18	1	5	U	5	4	1	1	1	6	1	1	U
MOSD572R	150	-0.001	5/23/78	296	18	1	1	30	2	2	1	6	1	7	7	1	20
MOSD573R	102	-0.001	5/23/78	296	18	1	5	U	5	4	4	1	1	6	1	7	U
MOSD574R	145	-0.001	5/23/78	296	22	1	2	6	1	4	3	1	1	1	1	7	140
MOSD575R	181	-0.001	5/23/78	296	22	1	5	U	5	4	1	1	1	6	1	1	U
MOSD576R	120	-0.001	5/23/78	296	20	1	1	4	1	4	1	1	1	3	1	1	19
MOSD577R	M	-0.001	5/23/78	296	21	1	5	U	5	4	1	1	1	6	7	1	U

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R T E M	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R O M	W E L L L O C A T I O N	P I P E L O C A T I O N	W E L L C L A S S	W E L L D E P T H	
MOSD578R	96	-0.001	5/23/78	296	22	1	5	U	5	4	1	1	1	6	1	1	U
MOSD579R	69	-0.001	5/23/78	296	20	1	2	2	2	3	1	1	1	3	1	1	75
MOSD580R	71	-0.001	5/25/78	296	20	1	1	1	1	1	1	1	1	6	1	1	80
MOSD581R	33	-0.001	5/25/78	296	25	1	5	U	5	4	1	1	1	6	7	1	U
MOSD582R	44	-0.001	5/25/78	296	22	1	1	10	1	1	1	1	1	3	1	1	243
MOSD583R	57	-0.001	5/25/78	296	22	1	5	16	2	4	1	1	1	1	7	1	U
MOSD584R	60	-0.001	5/25/78	296	22	1	1	29	1	3	1	1	1	1	7	1	15
MOSD585R	54	-0.001	6/23/78	360	20	1	3	1	1	1	1	1	1	6	3	1	175
MOSD586R	42	-0.001	6/23/78	360	19	1	1	7	2	1	1	1	2	4	3	1	50
MOSD587R	302	-0.001	6/23/78	360	18	1	5	1	1	4	1	1	1	6	3	1	U
MOSD588R	46	-0.001	6/23/78	360	20	1	2	18	3	3	1	1	1	6	1	1	32
MOSD589R	23	-0.001	6/24/78	360	18	1	1	22	1	3	1	1	1	1	3	1	30
MOSD590R	27	-0.001	6/24/78	360	18	1	1	4	2	1	1	1	1	3	1	1	45
MOSD591R	171	-0.001	6/24/78	360	21	1	1	20	2	2	1	1	1	3	3	1	35
MOSD592R	23	-0.001	6/24/78	360	21	1	4	1	1	1	1	1	1	6	1	1	20
MOSD593R	33	2.820	6/24/78	360	20	1	2	30	2	1	1	1	1	3	1	1	85
MOSD594R	72	-0.001	6/24/78	360	22	1	1	16	1	1	1	1	1	1	1	1	100
MOSD595R	50	-0.001	6/24/78	360	21	1	2	8	2	1	1	1	1	3	1	1	165
MOSD596R	107	-0.001	6/24/78	360	19	1	2	20	2	1	1	1	1	3	1	1	80
MOSD597R	48	0.060	6/24/78	360	19	1	1	20	2	1	1	1	1	3	1	1	102
MOSD598R	40	-0.001	6/24/78	360	21	1	1	2	2	1	1	1	1	3	1	1	67
MOSD599R	38	-0.001	6/24/78	360	20	1	5	1	1	1	1	1	1	3	1	1	U
MOSD600R	29	-0.001	6/24/78	360	19	1	1	5	2	1	1	1	1	1	3	1	86
MOSD601R	42	-0.001	6/24/78	360	23	1	2	12	1	1	1	1	1	3	1	1	120
MOSD602R	45	0.560	6/24/78	360	22	1	1	23	1	2	1	1	1	3	1	1	30
MOSD603R	37	-0.001	6/24/78	360	21	1	1	14	3	3	1	1	1	3	1	1	150
MOSD604R	380	-0.001	6/25/78	355	23	2	1	999	1	4	1	1	1	7	4	1	0
MOSD605R	45	-0.001	6/25/78	355	21	1	1	25	1	3	1	1	1	3	1	1	90
MOSD606R	40	-0.001	6/25/78	355	24	1	2	1	1	1	1	1	1	3	7	1	140
MOSD607R	41	-0.001	6/25/78	355	28	1	5	U	5	1	1	1	1	6	7	1	U
MOSD608R	25	-0.001	6/25/78	355	25	1	2	3	2	1	1	1	1	3	1	1	160
MOSD609R	46	-0.001	6/25/78	355	23	1	1	25	1	1	1	1	1	7	7	1	140
MOSD610R	117	-0.001	6/26/78	360	19	1	1	3	1	3	1	1	1	4	1	1	17
MOSD611R	35	-0.001	6/26/78	360	21	1	4	33	1	4	1	1	1	4	3	1	20
MOSD612R	24	-0.001	6/26/78	360	21	1	1	3	1	1	1	1	1	3	1	1	22
MOSD613R	77	-0.001	6/26/78	360	19	1	4	14	1	4	1	1	1	4	1	1	20
MOSD614R	79	-0.001	6/26/78	360	20	1	3	4	1	3	1	1	1	3	1	1	25
MOSD615R	45	-0.001	6/26/78	360	21	1	4	5	3	1	1	1	1	6	1	1	20
MOSD616R	26	-0.001	6/26/78	360	21	1	2	8	1	1	1	1	2	3	1	1	70
MOSD617R	36	-0.001	6/26/78	360	22	1	1	2	2	1	1	1	1	3	3	1	16
MOSD618R	31	-0.001	6/26/78	360	20	1	1	7	2	1	1	1	1	3	1	1	60
MOSD619R	44	-0.001	6/26/78	360	21	1	1	30	1	3	1	1	1	1	3	1	42
MOSD620R	28	-0.001	6/26/78	360	19	1	2	1	1	3	2	1	1	3	3	1	30
MOSD621R	16	-0.001	6/26/78	360	19	1	3	12	1	1	4	3	1	4	1	1	100
MOSD622R	642	-0.001	6/26/78	360	28	2	1	999	1	4	1	1	1	3	3	1	0
MOSD623R	43	-0.001	6/26/78	360	23	1	2	18	1	3	1	1	1	3	3	1	32
MOSD624R	43	-0.001	6/26/78	360	23	1	1	10	2	1	1	1	1	3	1	1	100
MOSD625R	46	-0.001	6/26/78	360	23	1	1	7	1	1	1	1	1	1	1	1	76
MOSD626R	45	-0.001	6/26/78	360	21	1	1	5	1	1	1	1	1	3	3	1	185
MOSD627R	59	-0.001	6/26/78	360	23	1	4	1	1	1	1	1	1	4	3	1	100

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L D E P T H	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E E Q R	W E L L L O O D O R P	P I P E C O M P	W E L L C L A S S	W E L L D E P T H	
MOSD628R	52	-0.001	6/27/78	296	21	1	5	10	1	1	4	1	1	6	7	1	U
MOSD629R	36	-0.001	6/27/78	296	18	1	3	1	1	3	1	1	1	1	3	1	20
MOSD630R	36	-0.001	6/27/78	296	18	1	4	2	3	3	1	1	1	6	1	1	30
MOSD631R	43	-0.001	6/27/78	296	21	1	5	5	2	4	1	1	1	6	7	1	U
MOSD632R	46	-0.001	6/27/78	296	22	1	3	U	5	3	1	1	1	1	7	1	20
MOSD633R	102	-0.001	6/27/78	296	21	1	1	12	1	3	1	1	1	1	7	1	18
MOSD634R	49	-0.001	6/27/78	296	29	1	5	U	5	4	1	1	1	6	7	1	U
MOSD635R	68	-0.001	6/27/78	296	20	1	5	U	5	4	1	1	1	1	1	1	U
MOSD636R	46	-0.001	6/27/78	296	22	1	5	15	1	4	1	1	1	6	7	1	U
MOSD637R	62	-0.001	6/27/78	296	20	1	4	5	2	3	1	1	1	1	1	1	20
MOSD638R	66	0.060	6/27/78	296	19	1	4	U	5	3	1	1	1	1	1	1	20
MOSD639R	50	-0.001	6/27/78	296	23	1	2	6	2	3	1	1	1	1	1	1	19
MOSD640R	41	-0.001	6/27/78	296	21	1	1	8	2	1	1	1	1	1	7	1	30
MOSD641R	66	-0.001	6/27/78	296	22	1	5	U	5	4	1	1	1	1	1	1	U
MOSD642R	79	-0.001	6/27/78	355	22	1	5	U	5	1	1	1	1	1	1	1	U
MOSD643R	83	-0.001	6/27/78	355	26	1	5	U	5	4	1	1	1	6	7	1	U
MOSD644R	274	-0.001	6/27/78	355	26	1	5	U	5	1	1	1	1	1	7	1	U
MOSD645R	93	-0.001	6/27/78	355	23	1	5	U	5	4	1	1	1	6	7	1	U
MOSD646R	145	-0.001	6/27/78	355	28	1	3	20	2	1	1	1	1	1	7	1	200
MOSD647R	63	-0.001	6/27/78	355	34	1	5	U	5	1	1	1	1	6	7	1	U
MOSD648R	94	-0.001	6/27/78	355	25	1	1	11	1	1	1	1	1	1	1	1	20
MOSD649R	40	-0.001	6/27/78	355	30	1	2	5	2	3	1	1	1	1	4	1	22
MOSD650R	69	-0.001	6/27/78	355	28	1	5	U	5	4	1	1	1	6	7	1	U
MOSD651R	72	-0.001	6/27/78	355	25	1	5	U	5	4	1	1	1	1	1	1	U
MOSD652R	82	-0.001	6/27/78	355	30	1	1	2	1	1	1	1	1	3	7	1	30
MOSD653R	61	-0.001	6/28/78	314	25	1	2	30	1	1	1	1	1	3	1	1	40
MOSD654R	138	-0.001	6/28/78	314	27	1	1	3	1	1	1	1	1	3	1	1	90
MOSD655R	138	-0.001	6/28/78	314	26	1	1	10	1	1	1	1	1	3	1	1	40
MOSF501R	34	-0.001	11/29/78	373	8	1	5	40	1	1	1	1	1	6	6	1	U
MOSF502R	21	-0.001	11/29/78	373	11	1	1	26	1	1	1	1	1	1	1	1	65
MOSF503R	25	-0.001	11/29/78	373	10	1	5	30	1	1	1	1	1	1	6	1	U
MOSF504R	62	-0.001	11/29/78	373	11	1	1	3	1	1	1	1	1	3	1	1	160
MOSF505R	25	-0.001	11/30/78	373	11	1	1	5	1	1	1	1	1	3	1	1	236
MOSF506R	98	-0.001	11/30/78	373	9	1	1	80	1	2	1	1	1	6	6	1	35
MOSF507R	37	-0.001	11/30/78	373	10	1	5	5	1	1	1	1	1	3	1	1	U
MOSF508R	24	-0.001	11/30/78	373	11	1	1	10	1	1	1	1	1	1	1	1	250
MOSF509R	22	-0.001	11/30/78	373	11	1	5	16	1	1	1	1	1	1	1	1	U
MOSF510R	32	-0.001	11/30/78	373	10	1	5	U	5	1	1	1	1	6	6	1	U
MOSF511R	27	-0.001	11/30/78	373	14	1	1	7	1	1	1	1	1	2	6	1	283
MOSF512R	20	-0.001	11/30/78	373	11	1	1	20	1	1	1	1	1	1	1	1	110
MOSF513R	36	-0.001	11/30/78	373	10	1	1	14	1	1	1	1	1	1	1	1	165
MOSF514R	24	-0.001	11/30/78	373	12	1	1	3	1	1	1	1	1	3	1	1	263
MOSF515R	27	-0.001	11/30/78	373	11	1	1	20	1	1	1	1	1	1	1	1	385
MOSF516R	47	-0.001	11/30/78	373	12	1	1	10	1	1	1	1	1	1	1	1	500
MOSF517R	26	-0.001	11/30/78	373	11	1	5	6	1	1	1	1	1	2	6	1	U
MOSF518R	59	-0.001	11/30/78	373	10	1	1	13	1	1	1	1	1	6	6	1	260
MOSF519R	29	-0.001	11/30/78	373	12	1	1	11	1	1	1	1	1	3	1	1	162
MOSF520R	30	-0.001	11/30/78	373	11	1	1	7	1	1	1	1	1	6	6	1	150
MOSF521R	41	-0.001	11/30/78	373	13	1	1	10	1	1	1	1	1	1	1	1	200
MOSF522R	27	-0.001	11/30/78	373	14	1	1	8	1	1	1	1	1	2	6	1	280

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMDATE	TEAM	W A T E R T E M	W E L L D E P T H	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E C O M P	W E L L C L A S S	W E L L D E P T H	
MOSF523R	47	-0.001	11/30/78	373	13	1	1	10	1	1	1	1	1	1	1	400	
MOSF524R	31	-0.001	11/30/78	373	15	1	1	8	1	1	1	1	1	2	6	182	
MOSF525R	41	-0.001	11/30/78	373	13	1	1	10	1	1	1	1	1	6	6	160	
MOSF526R	23	-0.001	11/30/78	373	12	1	1	3	1	1	1	1	1	1	1	304	
MOSF527R	25	-0.001	11/30/78	373	17	1	2	6	1	1	1	1	1	2	6	100	
MOSF528R	30	-0.001	11/30/78	373	12	1	2	12	1	1	1	1	1	1	1	100	
MOSF529R	25	-0.001	12/ 1/78	373	10	1	2	4	1	1	1	1	1	3	1	100	
MOSF530R	34	-0.001	12/ 1/78	373	13	1	1	2	1	1	1	1	1	3	1	355	
MOSF531R	54	-0.001	12/ 1/78	373	8	1	1	2	1	1	1	1	1	1	1	100	
MOSF532R	60	-0.001	12/ 1/78	373	11	1	1	35	1	2	1	6	1	4	3	25	
MOSF533R	35	-0.001	12/ 1/78	373	12	1	1	30	1	1	1	1	1	1	1	100	
MOSF534R	44	-0.001	12/ 1/78	373	14	1	1	13	1	1	1	1	1	2	6	100	
MOSF535R	23	-0.001	12/ 1/78	373	10	1	1	7	1	1	1	1	1	3	1	165	
MOSF536R	29	-0.001	12/ 1/78	373	12	1	1	3	1	1	1	1	1	3	1	200	
MOSF537R	37	-0.001	12/ 1/78	373	11	1	1	8	1	1	1	1	1	1	1	101	
MOSF538R	28	-0.001	12/ 1/78	373	11	1	1	30	1	1	1	1	1	1	1	93	
MOSF539R	35	-0.001	12/ 1/78	373	13	1	5	3	1	1	1	1	1	6	6	U	
MOSF540R	45	-0.001	12/ 1/78	373	13	1	2	6	1	1	1	1	1	3	6	60	
MOSF541R	55	-0.001	12/ 1/78	373	12	1	1	10	1	1	1	1	1	3	1	80	
MOSF542R	57	-0.001	12/ 1/78	373	18	1	1	U	5	1	1	1	1	3	1	50	
MOSF543R	34	-0.001	12/ 1/78	373	13	1	1	30	1	1	1	1	1	1	6	35	
MOSF544R	53	-0.001	12/ 1/78	373	15	1	1	50	1	1	1	1	1	6	6	50	
MOSF545R	59	-0.001	12/ 1/78	373	15	1	2	10	1	1	1	1	1	3	1	350	
MOSF546R	65	-0.001	12/ 1/78	373	12	1	1	15	1	1	1	1	1	2	1	90	
MOSF547R	20	-0.001	12/ 1/78	373	13	1	1	16	1	1	1	1	1	3	1	90	
MOSF548R	131	-0.001	12/ 1/78	373	14	1	1	40	1	1	1	2	1	4	4	80	
MOSF549R	43	-0.001	12/ 1/78	373	13	2	1	999	1	4	1	1	1	7	4	0	
MOSF550R	37	-0.001	12/ 1/78	373	13	1	1	2	1	1	1	1	1	2	6	360	
MOSF551R	144	-0.001	12/ 1/78	373	10	1	2	5	1	1	1	1	1	1	1	90	
MOSF552R	43	-0.001	12/ 1/78	373	14	1	5	8	1	1	1	1	1	6	6	U	
MOSF553R	31	-0.001	12/ 1/78	373	13	1	5	2	1	1	1	1	1	3	6	U	
MOSF554R	52	-0.001	12/ 2/78	373	10	1	1	2	1	1	1	1	1	3	1	320	
MOSF555R	34	-0.001	12/ 2/78	373	11	1	2	7	1	1	1	1	1	3	6	265	
MOSF556R	26	-0.001	12/ 2/78	373	12	1	1	20	1	1	1	1	1	1	1	240	
MOSF557R	21	-0.001	12/ 2/78	373	14	1	1	20	1	1	1	1	1	1	6	85	
MOSF558R	48	-0.001	12/ 2/78	373	10	1	1	25	1	1	1	1	1	1	1	90	
MOSF559R	52	-0.001	12/ 2/78	373	13	1	1	18	1	1	1	1	1	1	6	155	
MOSF560R	34	-0.001	12/ 2/78	373	12	1	2	2	1	1	1	1	1	3	1	240	
MOSF561R	76	-0.001	12/ 2/78	373	11	1	2	12	1	1	1	1	1	1	1	6	500
MOSF562R	74	-0.001	12/ 2/78	373	12	1	5	14	1	1	1	1	1	3	1	U	
MOSF563R	72	-0.001	12/ 2/78	373	13	1	1	12	1	1	1	1	1	1	6	140	
MOSF564R	93	-0.001	12/ 2/78	373	10	1	5	15	1	1	1	1	1	1	1	U	
MOSF565R	73	-0.001	12/ 2/78	373	13	1	1	2	1	1	1	1	1	1	6	100	
MOSF566R	191	-0.001	12/ 2/78	373	10	1	1	29	1	1	1	1	1	1	1	127	
MOSF567R	108	-0.001	12/ 2/78	373	14	1	1	20	1	1	1	1	1	1	1	166	
MOSF568R	70	-0.001	12/ 2/78	373	8	1	1	32	1	1	1	1	1	1	1	140	
MOSF569R	69	-0.001	12/ 3/78	373	9	1	5	1	1	1	1	1	1	6	6	U	
MOSF570R	98	-0.001	12/ 3/78	373	9	2	1	999	1	4	1	1	1	3	1	0	
MOSF571R	83	-0.001	12/ 3/78	373	9	1	1	6	1	1	1	1	1	2	6	220	
MOSF572R	226	-0.001	12/ 3/78	373	9	1	1	5	1	1	1	1	1	3	6	580	

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L R E C O R D	P I P E L O C A T I O N	W E L L C O N D I T I O N	W E L L D E P T H	
MOSG538R	5	-0.001	11/25/78	373	10	1	1	4	1	1	1	1	3	1	1	550
MOSG539R	23	-0.001	11/25/78	373	12	1	5	5	1	1	1	1	6	6	1	U
MOSG540R	8	-0.001	11/25/78	373	11	1	1	9	1	1	1	1	1	1	1	860
MOSG541R	M	-0.001	11/25/78	373	12	1	1	6	1	1	1	1	3	1	1	1400
MOSG542R	27	-0.001	11/25/78	373	12	1	1	8	1	1	1	1	3	6	1	595
MOSG543R	12	-0.001	11/25/78	373	10	1	2	1	1	1	1	1	3	1	1	1300
MOSG544R	8	-0.001	11/25/78	373	11	1	1	23	1	1	1	1	1	1	1	150
MOSG545R	13	-0.001	11/25/78	373	11	1	5	21	1	1	1	1	1	1	1	U
MOSG546R	16	-0.001	11/26/78	373	10	1	1	8	1	1	1	1	3	1	1	280
MOSG547R	23	-0.001	11/26/78	373	10	1	2	15	1	1	1	1	1	6	1	500
MOSG548R	369	-0.001	11/26/78	373	12	1	1	36	1	1	1	1	1	6	1	67
MOSG549R	32	-0.001	11/26/78	373	8	1	1	8	1	1	1	1	3	1	1	943
MOSG550R	55	-0.001	11/26/78	373	12	1	1	9	1	1	1	1	3	1	1	103
MOSG551R	16	-0.001	11/26/78	373	10	1	2	10	1	1	1	1	3	1	1	400
MOSG552R	9	-0.001	11/27/78	373	7	1	1	15	1	1	1	1	1	1	1	200
MOSG553R	8	-0.001	11/27/78	373	8	1	1	20	1	1	1	1	1	1	1	354
MOSG554R	107	-0.001	11/27/78	373	10	2	1	999	1	4	2	1	1	7	4	0
MOSG555R	39	0.030	11/27/78	373	7	2	1	999	1	4	1	1	1	3	1	0
MOSG556R	44	-0.001	11/27/78	373	7	1	1	5	1	1	1	1	3	1	1	905
MOSG557R	20	-0.001	11/27/78	373	8	1	1	6	1	1	1	1	2	1	1	100
MOSG558R	25	-0.001	11/27/78	373	10	1	2	3	1	1	1	1	3	1	1	150
MOSG559R	14	-0.001	11/27/78	373	8	1	1	6	1	1	1	1	1	1	1	482
MOSG560R	12	-0.001	11/27/78	373	6	1	5	1	1	1	1	1	3	1	1	U
MOSG561R	9	-0.001	11/27/78	373	8	1	1	10	1	1	1	1	1	1	1	255
MOSG562R	6	-0.001	11/27/78	373	8	1	1	40	1	2	1	1	3	6	1	49
MOSG563R	11	-0.001	11/27/78	373	6	1	1	20	1	1	1	6	1	1	1	240
MOSG564R	8	-0.001	11/27/78	373	6	1	1	6	1	1	1	1	3	1	1	180
MOSG565R	18	-0.001	11/28/78	373	7	1	1	1	1	1	1	1	3	6	1	310
MOSG566R	50	-0.001	11/28/78	373	10	1	1	20	1	1	1	1	1	1	1	160
MOSG567R	52	-0.001	11/28/78	373	13	1	5	2	1	1	1	1	3	1	1	U
MOSG568R	14	-0.001	11/28/78	373	9	1	5	U	5	1	1	1	6	6	1	U
MOSG569R	16	-0.001	11/28/78	373	10	1	1	1	1	1	1	1	3	1	1	486
MOSG570R	23	-0.001	11/28/78	373	7	1	1	9	1	1	1	1	1	1	1	180
MOSG571R	22	-0.001	11/28/78	373	10	1	1	24	1	1	1	1	1	1	1	261
MOSG572R	4	-0.001	11/28/78	373	12	1	1	12	1	1	1	1	1	1	1	285
MOSG573R	11	-0.001	11/28/78	373	8	1	1	18	1	1	1	1	3	1	1	250
MOSG574R	8	-0.001	11/28/78	373	10	1	1	15	1	1	1	1	1	1	1	135
MOSG575R	62	-0.001	11/28/78	373	11	1	1	8	1	1	1	1	2	6	1	180
MOSG576R	14	-0.001	11/28/78	373	13	1	1	10	1	1	1	1	2	6	1	168
MOSG577R	14	-0.001	11/28/78	373	12	1	1	7	1	1	1	1	1	1	1	107
MOSG578R	7	-0.001	11/28/78	373	14	1	5	6	1	1	1	1	1	1	1	U
MOSH501R	42	-0.001	12/ 8/78	388	16	1	1	5	1	1	1	1	7	7	1	180
MOSH502R	41	0.260	12/ 8/78	388	14	1	3	18	1	1	1	1	1	7	1	150
MOSH503R	36	-0.001	12/ 8/78	388	13	1	4	6	1	1	1	1	1	1	1	250
MOSH504R	52	-0.001	12/ 8/78	388	12	1	4	5	1	1	1	1	1	1	1	300
MOSH505R	46	-0.001	12/ 8/78	388	13	1	1	9	1	1	1	1	7	7	1	350
MOSH506R	27	-0.001	12/ 8/78	388	13	1	4	10	2	1	1	1	1	7	1	300
MOSH507R	55	-0.001	12/ 8/78	388	12	1	1	2	1	1	1	1	1	7	1	200
MOSH508R	56	-0.001	12/ 8/78	388	13	1	1	6	1	1	1	1	7	7	1	390
MOSH509R	50	-0.001	12/ 8/78	388	11	1	4	1	1	1	1	1	1	7	1	300

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L D E P T H F T	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E C O M P	W E L L C L A S S	W E L L D E P T H		
MOSH510R	49	-0.001	12/ 8/78	388	10	1	1	9	1	1	1	1	1	7	1	180		
MOSH511R	54	-0.001	12/ 8/78	388	12	1	1	5	1	1	1	1	1	7	7	155		
MOSH512R	65	-0.001	12/ 6/78	388	11	1	1	21	1	1	1	1	1	1	1	300		
MOSH513R	77	-0.001	12/ 8/78	388	12	1	1	10	2	1	1	1	1	7	1	385		
MOSH514R	71	-0.001	12/ 8/78	388	10	1	1	9	1	1	1	1	1	3	7	335		
MOSH515R	59	-0.001	12/ 8/78	388	11	1	1	5	1	1	1	1	1	1	1	175		
MOSH516R	51	-0.001	12/ 8/78	388	10	1	1	16	1	1	1	1	1	7	1	257		
MOSH517R	56	-0.001	12/ 8/78	388	12	2	1	999	1	4	3	1	1	7	4	9	0	
MOSH518R	71	-0.001	12/ 8/78	388	9	2	1	999	1	4	3	1	1	7	4	9	0	
MOSH519R	8	-0.001	12/ 8/78	388	13	1	1	6	1	1	1	1	1	7	1	350		
MOSH520R	7	-0.001	12/ 8/78	388	7	1	4	3	1	1	1	1	1	1	1	300		
MOSH521R	7	-0.001	12/ 8/78	388	10	1	4	5	1	1	1	1	1	7	1	200		
MOSH522R	4	-0.001	12/ 9/78	388	11	1	4	5	1	1	1	1	1	7	1	200		
MOSH523R	7	-0.001	12/ 9/78	388	9	1	1	20	1	1	1	1	1	7	7	1	508	
MOSH524R	12	1.120	12/ 9/78	388	10	2	1	999	1	4	3	1	1	7	4	6	0	
MOSH525R	6	-0.001	12/ 9/78	388	12	1	1	7	1	1	1	1	1	7	7	1	227	
MOSH526R	7	-0.001	12/ 9/78	388	10	1	1	7	1	1	1	1	1	7	7	1	380	
MOSH527R	5	1.150	12/ 9/78	388	9	1	1	1	1	1	1	1	1	4	1	5	555	
MOSH528R	14	1.530	12/ 9/78	388	13	1	2	10	2	1	1	1	1	3	7	1	70	
MOSH529R	6	-0.001	12/ 9/78	388	12	1	3	5	2	1	1	1	1	7	6	1000	0	
MOSH530R	18	-0.001	12/ 9/78	388	10	2	1	999	1	4	3	1	1	7	4	6	0	
MOSH531R	26	-0.001	12/ 9/78	388	12	2	1	999	1	4	1	1	1	3	4	1	0	
MOSH532R	6	-0.001	12/ 9/78	388	15	1	1	23	1	1	1	1	1	7	7	1	160	
MOSH533R	25	-0.001	12/ 9/78	388	10	2	1	999	1	4	3	1	1	7	4	6	0	
MOSH534R	15	-0.001	12/ 9/78	388	11	2	1	999	1	4	3	1	1	7	4	7	0	
MOSH535R	291	-0.001	12/ 9/78	388	11	2	1	999	1	4	3	1	1	7	4	7	0	
MOSH536R	5	-0.001	12/ 9/78	388	13	1	4	5	1	1	1	1	1	7	1	100	0	
MOSH537R	9	-0.001	12/ 9/78	388	14	2	1	999	1	4	1	1	1	7	6	0	0	
MOSH538R	88	0.980	12/ 9/78	388	11	2	1	999	1	4	1	1	1	7	4	1	0	
MOSH539R	30	-0.001	12/ 9/78	388	11	2	1	999	1	4	2	2	1	7	4	7	0	
MOSH540R	5	-0.001	12/ 9/78	388	10	1	4	13	1	1	1	1	1	7	1	100	0	
MOSH541R	16	-0.001	12/ 9/78	388	9	2	1	999	1	4	3	1	1	7	4	8	0	
MOSH542R	22	-0.001	12/ 9/78	388	11	2	1	999	1	4	2	1	1	7	4	7	0	
MOSH543R	5	-0.001	12/ 9/78	388	10	1	1	5	1	1	1	1	1	7	7	1	325	
MOSH544R	7	-0.001	12/ 9/78	388	10	1	3	9	1	1	1	1	1	7	1	100	0	
MOSH545R	22	1.220	12/ 9/78	388	10	2	1	999	1	4	3	1	1	7	4	8	0	
MOSH546R	135	-0.001	12/ 9/78	388	9	2	1	999	1	4	1	1	1	7	4	3	0	
MOSH547R	22	-0.001	12/ 9/78	388	11	2	1	999	1	4	3	1	1	7	4	8	0	
MOSH548R	9	-0.001	12/ 9/78	388	9	1	1	12	1	1	1	1	1	7	1	415	0	
MOSH549R	5	-0.001	12/ 9/78	388	12	1	1	6	1	1	1	1	1	7	1	635	0	
MOSH550R	8	-0.001	12/10/78	388	10	1	1	9	1	1	1	1	1	7	1	365	0	
MOSH551R	6	-0.001	12/10/78	388	9	1	2	6	1	1	1	1	1	7	1	300	0	
MOSH552R	9	0.060	12/10/78	388	8	1	1	3	1	1	1	1	1	7	1	270	0	
MOSH553R	6	-0.001	12/10/78	388	8	1	1	18	1	1	1	1	1	7	1	330	0	
MOSH554R	10	-0.001	12/10/78	388	15	1	4	5	1	1	1	1	1	7	1	300	0	
MOSH555R	7	-0.001	12/10/78	388	14	1	4	5	1	1	1	1	1	7	1	250	0	
MOSH556R	9	-0.001	12/10/78	388	13	1	4	2	1	1	1	1	1	7	7	1	250	0
MOSH557R	6	0.060	12/10/78	388	12	1	1	7	1	1	1	1	1	7	7	1	396	0
MOSH558R	9	-0.001	12/10/78	388	12	1	1	2	1	1	1	1	1	3	7	1	190	0
MOSH559R	4	-0.001	12/10/78	388	11	1	1	5	1	1	1	1	1	7	1	360	0	

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L R E C O R D	P L U M B	W E L L C O N D I T I O N	W E L L C L A S S	W E L L D E P T H	
MOSH560R	8	-0.001	12/10/78	388	11	1	1	2	1	1	1	1	3	7	1	270	
MOSH561R	10	-0.001	12/10/78	388	12	1	1	6	1	1	1	1	1	7	1	400	
MOSH562R	M	-0.001	12/10/78	388	13	1	2	5	1	1	1	1	7	7	1	300	
MOSH563R	5	-0.001	12/10/78	388	11	1	1	6	1	1	1	1	1	1	1	200	
MOSH564R	5	-0.001	12/10/78	388	12	1	1	3	1	1	1	1	3	7	1	400	
MOSH565R	6	0.060	12/10/78	388	13	1	2	3	1	1	1	1	1	7	1	300	
MOSH566R	7	-0.001	12/10/78	388	13	1	4	5	1	1	1	1	1	1	1	300	
MOSH567R	3	-0.001	12/10/78	388	12	1	4	2	1	1	1	1	1	7	1	300	
MOSH568R	13	-0.001	12/10/78	388	12	1	2	10	1	1	1	1	1	7	1	450	
MOSH569R	6	-0.001	12/10/78	388	10	1	1	9	1	1	1	1	3	7	1	385	
MOSH570R	22	-0.001	12/10/78	388	11	1	1	15	1	1	1	1	1	1	1	360	
MOSH571R	5	-0.001	12/10/78	388	11	1	2	5	1	1	1	1	1	1	1	225	
MOSH572R	5	-0.001	12/10/78	388	12	1	1	6	1	1	1	1	1	1	1	300	
MOSH573R	9	-0.001	12/10/78	388	13	1	1	9	1	1	1	1	1	7	1	318	
MOSH574R	34	-0.001	12/10/78	388	7	2	1	999	1	4	3	1	1	7	4	6	0
MOSH575R	84	0.070	12/10/78	388	13	1	1	1	1	1	1	1	2	7	1	480	
MOSH576R	5	-0.001	12/11/78	388	13	1	1	3	1	1	1	1	1	7	1	300	
MOSH577R	4	0.810	12/11/78	388	12	1	1	10	1	1	1	1	1	7	1	500	
MOSH578R	9	-0.001	12/11/78	388	12	1	1	2	1	1	1	1	3	7	1	300	
MOSH579R	7	-0.001	12/11/78	388	12	1	4	2	1	1	1	1	3	7	1	300	
MOSH580R	3	-0.001	12/11/78	388	11	1	1	8	1	1	1	1	1	1	1	500	
MOSH581R	213	-0.001	12/11/78	388	12	1	1	4	1	1	1	1	1	1	1	192	
MOSH582R	6	-0.001	12/11/78	388	12	1	3	7	1	1	1	1	3	1	1	300	
MOSH583R	4	-0.001	12/11/78	388	13	1	3	8	1	1	1	1	1	7	1	300	
MOSH584R	8	-0.001	12/11/78	388	13	1	4	6	2	1	1	1	1	7	1	300	
MOSH585R	27	-0.001	12/11/78	388	11	1	4	1	1	1	1	1	1	7	1	250	
MOSH586R	10	-0.001	12/11/78	388	12	1	1	2	1	1	1	1	1	7	1	160	
MOSH587R	7	-0.001	12/11/78	388	13	1	1	20	2	1	1	1	1	7	1	80	
MOSH588R	15	-0.001	12/11/78	388	11	1	1	100	2	2	1	1	3	7	1	26	
MOSH589R	46	-0.001	12/11/78	388	11	2	1	999	1	4	1	1	7	7	1	0	
MOSH590R	11	-0.001	12/11/78	388	12	1	1	2	1	1	1	1	3	7	1	150	
MOSH591R	6	-0.001	12/11/78	388	11	2	1	999	1	4	1	1	7	7	1	0	
MOSH592R	6	-0.001	12/11/78	388	12	1	1	22	1	1	1	1	1	1	1	90	
MOSH593R	6	0.830	12/12/78	388	13	1	1	5	1	1	1	1	7	7	1	185	
MOSH594R	8	-0.001	12/12/78	388	9	2	1	999	1	4	3	1	1	7	4	6	0
MOSH595R	7	-0.001	12/12/78	388	13	1	1	1	1	1	1	1	4	7	1	342	
MOSH596R	4	-0.001	12/12/78	388	12	1	2	9	1	1	1	1	7	7	1	500	
MOSH597R	4	-0.001	12/12/78	388	11	1	4	6	1	1	1	1	1	1	5	400	
MOSH598R	3	-0.001	12/12/78	388	11	1	4	10	1	1	1	2	4	3	3	30	
MOSH599R	5	-0.001	12/12/78	388	13	1	1	8	1	1	1	1	7	7	1	90	
MOSH600R	19	-0.001	12/12/78	388	10	2	1	999	1	4	1	3	7	4	3	0	
MOSH601R	6	-0.001	12/12/78	388	13	1	4	5	1	1	1	1	1	7	1	300	
MOSH602R	5	-0.001	12/12/78	388	11	1	1	5	1	1	1	1	7	7	1	505	
MOSH603R	9	-0.001	12/13/78	388	12	1	1	3	1	1	1	1	7	7	1	500	
MOSH604R	7	-0.001	12/13/78	388	12	1	2	1	1	1	1	1	3	1	1	325	
MOSH605R	7	-0.001	12/13/78	388	10	1	4	1	1	1	1	6	1	7	1	300	
MOSH606R	7	-0.001	12/13/78	388	11	1	1	10	1	1	1	1	1	7	1	500	
MOSH607R	139	-0.001	12/13/78	388	9	1	4	1	1	1	1	1	1	7	1	100	
MOSH608R	14	-0.001	12/13/78	388	10	1	4	10	2	1	1	1	1	7	1	300	
MOSH609R	5	1.070	12/13/78	388	11	1	1	12	1	1	1	1	1	7	1	420	

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q U E N C Y	W E L L D O M P O S I T I O N	P I P E C O M P O S I T I O N	W E L L C L A S S	W E L L D E P T H	
MOSH610R	3	-0.001	12/13/78	388	13	1	1	20	1	1	1	1	1	7	1	80	
MOSH611R	5	-0.001	12/13/78	388	13	1	1	10	1	1	1	1	1	4	7	68	
MOSH612R	4	-0.001	12/13/78	388	8	1	1	12	1	1	1	1	1	1	1	240	
MOSH613R	10	-0.001	12/14/78	388	11	1	1	13	1	1	1	1	1	3	7	85	
MOSH614R	4	-0.001	12/14/78	388	11	1	1	25	1	1	1	1	1	1	7	35	
MOSH615R	6	-0.001	12/14/78	388	11	1	5	12	1	2	1	1	1	7	7	U	
MOSH616R	3	-0.001	12/14/78	388	11	1	2	1	1	1	1	2	1	7	4	3	650
MOSH617R	7	-0.001	12/14/78	388	10	1	3	5	1	1	1	1	1	1	7	1	300
MOST501R	5	-0.001	11/ 3/78	373	14	1	1	5	1	3	1	1	1	1	1	1	20
MOST502R	5	-0.001	11/ 3/78	373	15	1	1	10	1	3	1	1	1	2	1	1	20
MOST503R	16	-0.001	11/ 3/78	373	16	1	1	15	1	3	1	1	1	3	1	1	18
MOST504R	M	-0.001	11/ 3/78	373	15	1	2	6	1	3	1	1	1	1	1	1	20
MOST505R	7	-0.001	11/ 3/78	373	17	1	1	6	2	3	1	1	1	1	1	1	18
MOST506R	8	-0.001	11/ 3/78	373	19	1	2	1	1	3	1	1	1	3	1	1	20
MOST507R	10	-0.001	11/ 4/78	373	19	1	1	8	1	3	1	1	1	1	1	1	80
MOST508R	7	-0.001	11/ 4/78	373	17	1	1	1	1	3	1	1	1	3	1	1	20
MOST509R	4	-0.001	11/ 4/78	373	15	1	2	9	1	3	1	1	1	1	1	1	20
MOST510R	9	-0.001	11/ 4/78	373	18	1	1	9	1	3	2	1	1	3	1	1	24
MOST511R	3	-0.001	11/ 4/78	373	19	1	2	1	1	3	1	1	1	1	1	1	20
MOST512R	13	-0.001	11/ 4/78	373	19	1	5	3	1	1	1	1	1	3	1	1	U
MOST513R	13	-0.001	11/ 4/78	373	19	1	2	5	1	3	1	1	1	1	1	1	20
MOST514R	7	-0.001	11/ 4/78	373	21	1	1	3	1	3	1	1	1	3	1	1	15
MOST515R	9	-0.001	11/ 4/78	373	19	1	1	4	1	3	1	1	1	3	1	1	25
MOST516R	8	-0.001	11/ 4/78	373	16	1	1	10	1	3	1	1	1	1	1	1	30
MOST517R	M	-0.001	11/ 4/78	373	19	1	2	2	1	1	1	1	1	3	1	1	20
MOST518R	6	-0.001	11/ 4/78	373	19	1	1	19	1	3	1	1	1	1	1	1	24
MOST519R	4	-0.001	11/ 4/78	373	14	1	1	15	1	3	1	1	1	1	1	1	20
MOST520R	10	-0.001	11/ 4/78	373	14	1	5	5	1	3	1	1	1	1	1	1	U
MOST521R	7	-0.001	11/ 4/78	373	17	1	1	5	1	3	1	1	1	1	1	1	20
MOST522R	9	-0.001	11/ 4/78	373	18	1	5	5	2	3	1	1	1	1	1	1	U
MOST523R	4	-0.001	11/ 4/78	373	19	1	1	1	1	3	1	1	1	3	1	1	35
MOST524R	6	-0.001	11/ 4/78	373	20	1	1	11	1	3	1	1	1	1	1	1	20
MOST525R	7	-0.001	11/ 4/78	373	19	1	2	3	1	3	1	1	1	1	1	1	20
MOST526R	11	-0.001	11/ 4/78	373	18	1	1	1	1	3	1	1	1	3	1	1	23
MOST527R	13	-0.001	11/ 5/78	373	16	1	1	1	1	3	1	1	1	3	1	1	21
MOST528R	8	1.340	11/ 5/78	373	17	1	1	10	1	3	1	1	1	3	1	1	20
MOST529R	7	-0.001	11/ 5/78	373	17	1	1	25	1	3	1	1	1	1	1	1	75
MOST530R	4	-0.001	11/ 5/78	373	18	1	2	5	1	3	1	1	1	1	1	1	20
MOST531R	10	-0.001	11/ 5/78	373	16	1	1	3	1	3	1	1	1	3	1	1	25
MOST532R	6	-0.001	11/ 5/78	373	14	1	2	3	1	3	1	1	1	3	1	1	20
MOST533R	M	-0.001	11/ 5/78	373	15	1	1	8	1	3	2	1	1	1	1	1	25
MOST534R	8	-0.001	11/ 5/78	373	19	1	2	1	1	3	1	1	1	3	1	1	20
MOST535R	7	-0.001	11/ 5/78	373	17	1	2	5	1	3	1	1	1	4	4	1	20
MOST536R	10	-0.001	11/ 5/78	373	17	1	1	14	1	3	1	1	1	3	1	1	27
MOST537R	11	-0.001	11/ 5/78	373	11	1	1	1	1	3	1	1	1	3	1	1	20
MOST538R	6	-0.001	11/ 5/78	373	14	1	5	4	1	3	1	1	1	1	1	1	U
MOST539R	9	-0.001	11/ 5/78	373	19	1	1	5	1	3	1	1	1	3	1	1	40
MOST540R	5	-0.001	11/ 5/78	373	18	1	2	3	1	3	1	1	1	1	1	1	20
MOST541R	8	-0.001	11/ 5/78	373	20	1	1	20	1	3	1	1	1	1	1	1	20
MOST542R	4	-0.001	11/ 5/78	373	19	1	2	18	1	3	1	1	1	1	1	1	20

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L R E Q	W E L L D O M	F I L T R A T I O N	W E L L C O C L A S S	W E L L D E P T H
MOST543R	5	1.920	11/ 5/78	373	18	1	2	10	1	3	1	1	1	1	1	20
MOST544R	18	-0.001	11/ 6/78	373	16	1	1	8	1	3	1	1	1	1	1	25
MOST545R	6	0.070	11/ 6/78	373	17	1	1	12	1	3	1	1	1	1	1	16
MOST546R	9	-0.001	11/ 6/78	373	12	1	2	4	1	3	1	1	1	1	1	20
MOST547R	8	1.190	11/ 6/78	373	16	1	1	4	1	3	1	1	1	1	1	27
MOST548R	M	2.120	11/ 6/78	373	18	1	5	20	1	3	1	1	1	1	1	U
MOST549R	10	-0.001	11/ 6/78	373	15	1	1	2	1	1	1	1	1	1	1	228
MOST550R	6	-0.001	11/ 6/78	373	16	1	1	2	1	1	1	1	1	3	1	268
MOST551R	6	-0.001	11/ 6/78	373	16	1	1	10	1	3	1	1	1	1	1	12
MOST552R	5	-0.001	11/ 6/78	373	14	1	1	10	1	3	1	1	1	1	1	20
MOST553R	9	-0.001	11/ 6/78	373	15	1	1	6	1	3	1	1	1	1	1	50
MOST554R	7	-0.001	11/ 6/78	373	13	1	2	1	1	3	1	1	1	1	1	20
MOST555R	9	-0.001	11/ 6/78	373	13	1	1	2	1	3	1	1	1	3	1	25
MOST556R	9	-0.001	11/ 6/78	373	12	1	1	15	1	3	1	1	1	3	1	35
MOST557R	14	-0.001	11/ 6/78	373	13	1	1	10	1	1	1	1	1	1	1	300
MOST558R	5	-0.001	11/ 6/78	373	15	1	2	5	1	1	1	1	1	1	1	150
MOST559R	11	-0.001	11/ 6/78	373	12	1	5	1	1	1	1	1	1	6	6	U
MOST560R	M	1.890	11/ 6/78	373	10	1	1	14	1	1	1	1	1	1	1	170
MOST561R	8	-0.001	11/ 6/78	373	11	1	2	5	1	1	1	1	1	1	1	150
MOST562R	M	-0.001	11/ 6/78	373	15	1	2	1	1	1	1	1	3	1	1	100
MOST563R	M	-0.001	11/ 6/78	373	12	1	1	25	1	3	1	1	1	1	1	20
MOST564R	10	-0.001	11/ 7/78	373	11	1	1	17	1	1	1	1	1	1	1	175
MOST565R	7	-0.001	11/ 7/78	373	14	1	1	15	1	1	1	1	1	1	1	248
MOST566R	5	0.150	11/ 7/78	373	14	1	5	1	1	1	1	1	1	6	6	U
MOST567R	4	-0.001	11/ 7/78	373	11	1	2	2	2	1	1	1	1	3	1	80
MOST568R	4	-0.001	11/ 7/78	373	12	1	1	4	1	1	1	1	1	3	1	292
MOST569R	11	-0.001	11/ 7/78	373	14	1	1	7	1	1	1	1	1	1	1	95
MOST570R	7	-0.001	11/ 7/78	373	12	1	2	13	1	1	1	1	2	1	1	350
MOST571R	6	-0.001	11/ 7/78	373	13	1	1	38	1	1	1	1	1	1	1	318
MOST572R	9	-0.001	11/ 7/78	373	11	1	1	17	1	1	1	1	1	1	1	210
MOST573R	50	-0.001	11/ 7/78	373	17	1	1	10	1	1	1	1	1	1	1	100
MOST574R	14	-0.001	11/ 7/78	373	15	1	2	9	1	3	1	1	1	1	1	25
MOST575R	12	-0.001	11/ 7/78	373	12	1	2	5	1	3	1	1	1	4	4	20
MOST576R	11	-0.001	11/ 7/78	373	15	1	1	5	1	3	1	1	1	4	4	20
MOST577R	6	-0.001	11/ 7/78	373	14	1	1	9	1	3	1	1	1	1	1	36
MOST578R	10	-0.001	11/ 7/78	373	13	1	1	3	1	3	1	1	1	3	1	45
MOST579R	4	-0.001	11/ 7/78	373	16	1	1	1	1	3	1	1	1	1	1	20
MOST580R	6	-0.001	11/ 7/78	373	15	1	1	1	1	3	1	1	1	3	1	25
MOST581R	5	-0.001	11/ 7/78	373	14	1	1	3	1	3	1	1	1	1	1	80
MOST582R	11	-0.001	11/ 7/78	373	16	1	1	1	1	1	1	1	1	3	1	365
MOST583R	4	-0.001	11/ 7/78	373	16	1	1	18	1	1	1	1	1	1	1	210
MOST584R	11	-0.001	11/ 7/78	373	12	1	1	50	2	2	1	1	1	3	1	50
MOST585R	14	-0.001	11/ 7/78	373	12	1	1	4	1	3	1	1	1	1	1	25
MOTE501R	180	-0.001	11/30/78	388	19	1	2	15	2	1	1	1	1	7	7	245
MOTE502R	56	-0.001	11/30/78	388	15	1	1	5	1	1	1	1	1	7	7	250
MOTE503R	M	-0.001	11/30/78	388	16	1	1	6	1	1	1	1	1	3	7	260
MOTE504R	55	-0.001	11/30/78	388	17	1	1	8	1	1	1	1	1	7	7	321
MOTE505R	M	-0.001	11/30/78	388	16	1	1	20	2	1	1	1	1	7	7	290
MOTE506R	39	-0.001	11/30/78	388	16	1	1	8	1	1	1	1	1	1	7	281
MOTE507R	44	-0.001	11/30/78	388	12	1	1	3	1	1	1	1	1	7	7	415

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMDATE	TEAM	W A T E R T E M	W E L L D E P T H C O N	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E C O M	W E L L C O C	W E L L C A S S	W E L L D E P T H
MOTE508R	52	-0.001	11/30/78	388	12	1	2	5	2	1	1	1	1	1	7	1	400
MOTE509R	55	-0.001	11/30/78	388	12	1	1	4	1	1	1	1	1	1	7	1	340
MOTE510R	62	-0.001	11/30/78	388	13	1	1	5	1	1	1	1	1	1	7	7	255
MOTE511R	53	-0.001	11/30/78	388	11	1	1	5	1	1	1	1	1	1	7	1	162
MOTE512R	65	-0.001	11/30/78	388	10	1	1	7	1	1	1	1	1	1	7	7	380
MOTE513R	48	-0.001	11/30/78	388	10	1	1	1	1	1	1	1	1	1	7	1	500
MOTE514R	M	-0.001	11/30/78	388	12	1	1	18	1	1	1	1	1	1	1	1	60
MOTE515R	58	-0.001	11/30/78	388	11	1	1	20	1	1	1	1	1	4	1	1	90
MOTE516R	26	-0.001	11/30/78	388	10	1	1	17	1	1	1	1	1	7	7	1	200
MOTE517R	31	-0.001	11/30/78	388	10	1	1	4	1	1	1	1	1	1	1	1	300
MOTE518R	71	-0.001	11/30/78	388	16	1	3	10	3	1	1	1	1	7	1	1	300
MOTE519R	M	-0.001	11/30/78	388	17	1	1	16	1	1	1	1	1	7	1	1	497
MOTE520R	55	-0.001	11/30/78	388	16	1	1	12	1	1	1	1	1	7	7	2	230
MOTE521R	48	-0.001	12/ 1/78	388	15	1	3	8	2	1	1	1	1	7	7	1	250
MOTE522R	22	-0.001	12/ 1/78	388	17	1	2	11	1	1	1	1	1	7	7	1	280
MOTE523R	52	-0.001	12/ 1/78	388	16	1	2	10	1	1	1	1	1	7	7	1	250
MOTE524R	37	-0.001	12/ 1/78	388	15	1	1	11	1	1	1	1	1	7	7	1	280
MOTE525R	M	-0.001	12/ 1/78	388	14	1	1	10	2	1	1	1	1	4	7	1	265
MOTE526R	M	-0.001	12/ 1/78	388	14	1	1	5	1	1	1	1	1	7	7	1	265
MOTE527R	M	-0.001	12/ 1/78	388	15	1	3	9	1	1	1	1	1	1	7	1	250
MOTE528R	62	-0.001	12/ 1/78	388	14	1	2	11	1	1	1	1	1	7	7	1	175
MOTE529R	M	-0.001	12/ 1/78	388	14	1	1	21	1	1	1	1	1	1	7	1	135
MOTE530R	38	-0.001	12/ 1/78	388	14	1	2	5	2	1	1	1	1	7	7	1	300
MOTE531R	57	-0.001	12/ 1/78	388	15	1	4	5	4	1	1	1	1	7	7	1	150
MOTE532R	M	-0.001	12/ 1/78	388	13	1	3	30	1	1	1	1	1	3	7	1	350
MOTE533R	88	-0.001	12/ 1/78	388	14	1	1	2	1	1	1	1	1	3	7	1	285
MOTE534R	57	-0.001	12/ 1/78	388	14	1	1	19	1	1	1	1	1	1	7	1	320
MOTE535R	54	-0.001	12/ 1/78	388	13	1	1	1	1	2	1	1	1	1	1	1	135
MOTE536R	M	-0.001	12/ 1/78	388	13	2	1	999	1	4	1	1	1	1	4	1	0
MOTE537R	M	-0.001	12/ 1/78	388	12	1	1	1	1	1	1	1	1	4	1	7	330
MOTE538R	M	-0.001	12/ 1/78	388	13	1	1	2	1	1	1	1	1	3	7	1	300
MOTE539R	2	-0.001	12/ 1/78	388	11	1	1	9	1	1	1	1	1	4	1	1	350
MOTE540R	M	-0.001	12/ 1/78	388	11	1	1	25	1	1	3	4	1	4	7	1	200
MOTE541R	61	-0.001	12/ 1/78	388	19	1	1	20	2	1	1	1	1	7	7	1	397
MOTE542R	M	-0.001	12/ 1/78	388	17	1	3	2	1	1	1	1	1	3	7	1	200
MOTE543R	M	-0.001	12/ 1/78	388	17	1	1	7	2	1	1	1	1	4	7	1	302
MOTE544R	M	-0.001	12/ 2/78	388	17	1	1	2	1	1	1	1	1	3	1	1	360
MOTE545R	M	-0.001	12/ 2/78	388	18	1	1	20	2	1	1	1	1	4	1	1	180
MOTE546R	61	-0.001	12/ 2/78	388	16	1	4	5	2	1	1	1	1	1	1	1	200
MOTE547R	M	-0.001	12/ 2/78	388	17	1	2	6	1	1	1	1	1	1	1	1	270
MOTE548R	M	0.020	12/ 2/78	388	17	1	3	3	1	1	1	1	1	1	7	1	300
MOTE549R	64	-0.001	12/ 2/78	388	16	1	1	9	1	1	1	1	1	1	7	1	495
MOTE550R	M	-0.001	12/ 2/78	388	17	1	2	10	2	1	1	1	1	1	7	1	200
MOTE551R	M	-0.001	12/ 2/78	388	16	1	1	10	1	1	1	1	1	1	1	1	225
MOTE552R	M	0.020	12/ 2/78	388	17	1	3	40	2	1	1	1	1	7	7	1	100
MOTE553R	M	-0.001	12/ 2/78	388	16	1	1	25	1	1	1	1	1	4	1	7	237
MOTE554R	M	-0.001	12/ 2/78	388	15	1	1	7	1	1	1	1	1	4	1	7	330
MOTE555R	M	-0.001	12/ 2/78	388	18	1	2	11	2	1	2	1	1	1	7	7	220
MOTE556R	M	-0.001	12/ 2/78	388	17	1	1	35	2	1	1	1	1	1	7	1	125
MOTE557R	M	-0.001	12/ 2/78	388	17	1	4	5	1	1	1	1	1	1	7	1	150

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- STATE OF MISSOURI

SRL !.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R I N G	D E P T H C O N D	A G E	A G E C O N D	W E L L T Y P E	W E L L U S E	W E L L F R E Q U E N C Y	W E L L O R D I N A T I O N	P L U M B I N G	W E L L C O N D	W E L L C O N D	W E L L D E P T H
MOTE558R	M	-0.001	12/ 2/78	388	16	1	2	10	2	1	1	1	1	7	7	1	100
MOTE559R	M	-0.001	12/ 2/78	388	15	1	2	2	1	1	1	3	1	1	1	1	175
MOTE560R	M	-0.001	12/ 2/78	388	16	2	1	999	1	4	4	6	1	7	4	6	0
MOTE561R	M	-0.001	12/ 2/78	388	12	1	2	50	2	2	1	6	1	7	4	1	20
MOTE562R	M	-0.001	12/ 2/78	388	13	1	4	1	1	1	1	1	1	1	1	1	200
MOTE563R	29	-0.001	12/ 2/78	388	14	1	1	8	1	1	1	1	1	4	1	1	73
MOTE564R	M	-0.001	12/ 2/78	388	13	1	3	7	1	1	1	1	1	4	5	3	1000
MOTE565R	M	-0.001	12/ 2/78	388	12	1	2	11	1	1	1	1	1	3	1	1	400
MOTE566R	M	0.010	12/ 2/78	388	13	1	4	30	1	1	1	1	1	1	7	1	100
MOTE567R	M	-0.001	12/ 2/78	388	13	1	5	10	1	4	1	1	1	1	7	1	U
MOTE568R	58	-0.001	12/ 2/78	388	11	1	1	29	1	1	1	1	1	4	7	1	111
MOTE569R	M	-0.001	12/ 3/78	388	10	1	1	13	1	1	1	1	1	1	1	1	280
MOTE570R	M	-0.001	12/ 3/78	388	10	1	1	1	1	1	1	1	1	3	7	7	250
MOTE571R	M	0.080	12/ 3/78	388	10	1	1	24	1	1	1	1	1	7	7	1	65
MOTE572R	M	-0.001	12/ 3/78	388	11	1	2	8	1	1	1	1	1	4	1	1	200
MOTE573R	M	-0.001	12/ 3/78	388	9	1	1	11	1	1	1	1	1	7	1	1	257
MOTE574R	58	-0.001	12/ 3/78	388	12	1	1	5	1	1	1	1	1	7	7	1	150
MOTE575R	M	-0.001	12/ 3/78	388	11	1	1	6	1	1	1	1	1	7	1	1	201
MOTE576R	M	-0.001	12/ 3/78	388	8	1	1	5	1	1	1	1	1	7	7	1	160
MOTE577R	37	-0.001	12/ 3/78	388	7	1	2	22	2	1	1	1	1	1	7	1	160
MOTE578R	M	-0.001	12/ 3/78	388	8	1	2	20	2	1	1	1	1	7	1	1	236
MOTE579R	M	-0.001	12/ 3/78	388	9	1	1	20	1	1	1	1	1	7	7	1	150
MOTE580R	31	-0.001	12/ 3/78	388	7	1	1	6	1	1	1	1	1	7	7	1	78
MOTE581R	M	-0.001	12/ 3/78	388	9	1	3	5	1	1	1	1	1	7	7	1	360
MOTE582R	M	-0.001	12/ 3/78	388	8	1	1	20	1	1	1	1	1	4	1	1	112
MOTE583R	M	-0.001	12/ 3/78	388	8	1	1	10	2	1	1	1	1	1	1	1	283
MOTE584R	M	-0.001	12/ 3/78	388	9	1	4	1	1	1	1	1	1	7	7	1	200
MOTE585R	M	-0.001	12/ 3/78	388	7	1	1	20	1	1	1	1	1	7	7	1	160
MOTE586R	M	-0.001	12/ 3/78	388	7	1	1	30	1	1	1	1	1	7	1	1	101
MOTE587R	M	-0.001	12/ 3/78	388	14	1	4	5	1	1	1	1	1	1	1	1	200
MOTE588R	34	-0.001	12/ 3/78	388	14	1	4	6	1	1	1	1	1	1	7	1	250
MOTE589R	M	-0.001	12/ 3/78	388	13	1	2	20	1	1	1	1	1	7	1	1	55
MOTE590R	M	-0.001	12/ 3/78	388	12	1	4	6	1	1	1	1	1	1	7	1	100
MOTE591R	50	-0.001	12/ 3/78	388	11	1	1	4	1	1	1	1	1	4	1	1	230
MOTE592R	M	-0.001	12/ 3/78	388	11	1	1	23	1	1	1	1	1	7	1	1	172
MOTE593R	57	-0.001	12/ 3/78	388	11	1	1	12	2	1	1	1	1	7	7	1	300
MOTE594R	30	-0.001	12/ 4/78	388	10	1	2	5	1	1	1	1	1	3	7	1	300
MOTE595R	26	-0.001	12/ 4/78	388	14	1	1	11	1	1	1	1	1	1	7	1	235
MOTE596R	M	-0.001	12/ 4/78	388	10	1	1	18	1	1	1	1	1	1	1	1	280
MOTE597R	51	-0.001	12/ 4/78	388	8	1	4	6	2	1	1	1	1	1	1	1	300
MOTE598R	81	-0.001	12/ 4/78	388	8	2	1	999	1	4	2	1	1	1	4	7	0
MOTE599R	M	-0.001	12/ 4/78	388	9	1	1	18	1	1	1	1	1	1	1	1	507
MOTE600R	M	-0.001	12/ 4/78	388	7	1	2	20	2	1	1	1	1	1	1	1	225
MOTE601R	38	-0.001	12/ 4/78	388	8	1	3	15	3	1	1	1	1	1	7	1	300
MOTE602R	50	-0.001	12/ 4/78	388	6	1	1	24	1	1	1	1	1	1	7	1	437
MOTE603R	M	-0.001	12/ 4/78	388	8	1	1	1	1	1	1	1	1	7	7	1	270
MOTE604R	M	0.010	12/ 4/78	388	15	1	1	1	1	1	1	1	1	1	1	1	200
MOTE605R	M	-0.001	12/ 4/78	388	16	1	1	15	1	1	1	1	1	1	7	1	185
MOTE606R	M	-0.001	12/ 4/78	388	14	1	1	8	2	1	1	1	1	7	1	1	425
MOTE607R	M	-0.001	12/ 4/78	388	16	1	3	5	1	1	1	1	1	1	7	1	300

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M	P I P E C O M	W E L L C L A S S	W E L L D E P T H
MOTE658R	49	-0.001	12/ 6/78	388	12	1	1	6	1	1	1	1	1	7	1	120
MOTE659R	54	-0.001	12/ 6/78	388	11	1	1	20	1	1	1	1	1	7	7	116
MOTE660R	71	-0.001	12/ 6/78	388	12	1	1	9	1	1	1	1	1	4	7	265
MOTE661R	65	-0.001	12/ 6/78	388	10	1	2	5	2	1	1	1	1	3	7	350
MOTE662R	80	-0.001	12/ 6/78	388	13	1	3	5	1	1	1	1	1	1	1	100
MOTE663R	35	-0.001	12/ 6/78	388	10	1	3	5	1	1	1	1	1	7	7	300
MOTE664R	71	-0.001	12/ 6/78	388	13	1	1	20	1	1	1	1	1	1	7	140
MOTE665R	400	-0.001	12/ 6/78	388	13	1	1	40	1	1	1	1	1	7	4	60
MOTE666R	182	-0.001	12/ 6/78	388	14	1	3	40	2	1	1	1	1	1	4	40
MOTE667R	88	-0.001	12/ 6/78	388	13	1	1	6	2	1	1	1	1	7	1	257
MOTE668R	99	-0.001	12/ 6/78	388	12	1	1	6	1	1	1	1	1	1	1	210
MOTE669R	89	-0.001	12/ 6/78	388	13	1	1	32	1	2	1	1	1	7	7	15
MOTE670R	84	-0.001	12/ 6/78	388	14	1	4	6	1	1	1	1	1	7	1	200
MOTE671R	112	-0.001	12/ 6/78	388	12	1	4	3	1	1	1	1	1	1	1	200
MOTE672R	95	-0.001	12/ 6/78	388	13	2	1	999	1	4	1	1	1	7	4	6
MOTE673R	104	-0.001	12/ 6/78	388	11	1	1	7	2	1	1	1	1	3	7	152
MOTE674R	76	-0.001	12/ 6/78	388	12	1	1	30	1	1	3	4	1	1	4	40
MOTE675R	101	-0.001	12/ 7/78	388	12	1	2	15	2	1	1	1	1	3	7	200
MOTE676R	94	-0.001	12/ 7/78	388	11	1	1	20	1	1	1	6	1	1	4	80
MOTE677R	63	-0.001	12/ 7/78	388	10	1	4	2	1	1	1	1	1	1	1	200
MOTE678R	66	-0.001	12/ 7/78	388	13	1	1	15	1	1	1	1	1	1	7	170
MOTE679R	82	-0.001	12/ 7/78	388	10	1	3	20	2	1	1	1	1	4	7	90
MOTE680R	93	-0.001	12/ 7/78	388	11	1	1	5	2	1	1	1	1	3	7	103
MOTE681R	84	-0.001	12/ 7/78	388	10	1	1	1	1	1	1	1	1	3	1	120
MOTE682R	69	-0.001	12/ 7/78	388	11	1	1	16	1	1	1	1	1	1	7	253
MOTE683R	30	-0.001	12/ 7/78	388	11	1	1	10	1	1	1	1	1	7	7	135
MOTE684R	68	-0.001	12/ 7/78	388	10	1	1	3	2	1	1	1	1	1	1	275
MOTE685R	74	-0.001	12/ 7/78	388	13	1	1	13	1	1	1	1	1	1	7	216
MOTE686R	74	-0.001	12/ 7/78	388	12	1	2	20	2	2	1	1	1	7	4	20
MOTE687R	83	-0.001	12/ 7/78	388	10	1	1	7	1	1	1	1	1	1	1	440
MOTE688R	73	-0.001	12/ 7/78	388	12	1	1	8	1	1	1	1	1	1	1	300
MOTE689R	78	-0.001	12/ 7/78	388	15	1	1	11	1	1	1	1	1	1	7	140
MOTE690R	82	-0.001	12/ 7/78	388	16	1	4	5	1	1	1	1	1	1	7	200
MOTE691R	81	-0.001	12/ 7/78	388	14	1	1	30	1	1	1	1	1	1	1	71
MOTE692R	68	-0.001	12/ 7/78	388	14	1	1	1	1	1	1	1	1	1	4	250
MOTE693R	54	-0.001	12/ 7/78	388	13	1	1	10	1	1	1	1	1	1	7	307
MOTE694R	73	-0.001	12/ 7/78	388	13	1	1	21	1	1	1	1	1	3	7	48
MOTE695R	69	-0.001	12/ 7/78	388	13	1	1	19	1	1	1	1	1	1	1	208
MOTE696R	81	-0.001	12/ 7/78	388	11	1	2	25	1	1	1	1	1	4	7	140
MOTE697R	72	-0.001	12/ 7/78	388	11	1	1	5	1	1	1	1	1	1	7	209
MOTE698R	91	-0.001	12/ 7/78	388	10	1	1	4	1	1	1	1	1	7	7	300
MOTE699R	63	-0.001	12/ 7/78	388	11	1	2	10	2	1	1	1	1	1	7	250
MOTE700R	34	-0.001	12/ 7/78	388	10	1	4	1	1	1	1	1	1	1	7	300
MOTE701R	99	-0.001	12/ 7/78	388	9	1	1	20	2	1	1	1	1	7	7	98
MOTE702R	81	-0.001	12/ 7/78	388	10	1	1	18	1	1	1	1	1	7	7	125
MOTE703R	86	-0.001	12/ 7/78	388	11	1	1	1	1	1	1	1	1	1	7	320
MOTE704R	50	-0.001	12/ 8/78	388	10	1	1	11	1	1	1	1	1	1	7	135
MOTE705R	68	-0.001	12/ 8/78	388	10	1	1	5	1	1	1	1	1	7	7	215
MOTE706R	62	-0.001	12/ 8/78	388	11	1	1	3	1	1	1	1	1	3	7	285
MOTE707R	40	-0.001	12/ 8/78	388	8	1	2	9	1	1	1	1	1	4	7	264

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L D E P T H F O O T	D E P T H F O O T	A G E	A G E C O N C E N T R A T I O N	W E L L T Y P E	W E L L U S E	W E L L F R O M	W E L L D O C U M E N T	P I P E L O C A T I O N	W E L L C O L L E C T I O N	W E L L C O L L E C T I O N	W E L L C O L L E C T I O N
MOTE708R	54	-0.001	12/ 8/78	388	9	1	2	12	1	1	1	1	1	1	7	1	300
MOTE709R	M	-0.001	12/ 8/78	388	8	1	3	15	1	1	1	1	1	1	7	7	100
MOWS501R	156	-0.001	12/ 5/78	373	14	1	1	28	1	1	1	1	1	3	6	1	40
MOWS502R	69	-0.001	12/ 5/78	373	10	1	5	11	1	1	1	1	1	6	6	1	U
MOWS503R	151	-0.001	12/ 5/78	373	11	1	1	5	1	1	1	1	1	3	6	6	165
MOWS504R	71	-0.001	12/ 5/78	373	13	1	1	27	2	1	1	1	1	1	1	1	60
MOWS505R	164	-0.001	12/ 5/78	373	10	1	1	10	1	1	1	1	1	1	6	1	165
MOWS506R	68	-0.001	12/ 5/78	373	14	1	1	4	1	1	1	1	1	3	1	1	200
MOWS507R	158	-0.001	12/ 5/78	373	10	1	2	3	1	1	1	1	1	3	6	1	60
MOWS508R	69	-0.001	12/ 5/78	373	10	1	5	5	2	1	1	1	1	6	6	1	U
MOWS509R	86	-0.001	12/ 5/78	373	14	1	5	U	5	1	1	1	1	6	6	1	U
MOWS510R	87	-0.001	12/ 5/78	373	14	1	5	U	5	1	1	1	1	6	6	1	U
MOWS511R	67	-0.001	12/ 5/78	373	15	1	1	U	5	1	1	1	1	6	6	1	70
MOWS512R	91	-0.001	12/ 5/78	373	14	1	1	10	1	1	1	1	1	3	6	1	137
MOWS513R	77	-0.001	12/ 5/78	373	13	1	1	16	1	1	1	1	1	3	6	1	200
MOWS514R	98	-0.001	12/ 5/78	373	11	1	2	6	1	1	1	1	1	3	1	1	40
MOWS515R	95	-0.001	12/ 5/78	373	10	1	1	15	1	1	1	1	1	1	6	1	60
MOWS516R	71	-0.001	12/ 5/78	373	17	1	1	20	1	1	1	1	1	1	6	1	180
MOWS517R	78	-0.001	12/ 5/78	373	12	1	1	1	1	1	1	1	1	2	6	1	100
MOWS518R	84	-0.001	12/ 5/78	373	12	1	1	1	1	1	1	1	1	4	4	1	264
MOWS519R	89	-0.001	12/ 6/78	373	9	1	5	12	1	1	1	1	1	6	6	5	U
MOWS520R	130	-0.001	12/ 6/78	373	7	1	2	10	1	1	1	1	1	3	6	1	200
MOWS521R	81	-0.001	12/ 6/78	373	12	1	1	2	1	1	1	1	1	1	6	1	240
MOWS522R	57	-0.001	12/ 6/78	373	9	1	1	15	1	1	1	1	1	1	1	1	140
MOWS523R	531	-0.001	12/ 6/78	373	10	1	2	5	1	1	1	1	1	6	1	1	400
MOWS524R	13	-0.001	12/ 6/78	373	9	1	1	20	1	1	1	1	1	2	6	1	20
MOWS525R	64	-0.001	12/ 6/78	373	11	1	1	14	1	1	1	1	1	6	6	1	50
MOWS526R	86	-0.001	12/ 6/78	373	8	1	1	7	1	1	1	1	1	3	1	1	90
MOWS527R	M	-0.001	12/ 6/78	373	8	1	1	1	1	1	1	1	1	3	6	1	230
MOWS528R	M	-0.001	12/ 6/78	373	5	1	1	12	1	1	1	1	1	3	1	1	100
MOWS529R	M	-0.001	12/ 6/78	373	8	1	1	16	1	1	1	1	1	1	6	1	200
MOWS530R	M	-0.001	12/ 6/78	373	9	1	5	5	1	1	1	1	1	6	6	1	U
MOWS531R	M	-0.001	12/ 6/78	373	3	1	1	1	1	1	1	1	1	3	6	1	264
MOWS532R	M	-0.001	12/ 6/78	373	9	1	1	28	1	1	1	1	1	1	1	1	100
MOWS533R	M	-0.001	12/ 6/78	373	7	1	5	U	5	1	1	1	1	2	1	1	U
MOWS534R	29	-0.001	12/ 6/78	373	5	1	5	5	1	1	1	1	1	3	1	1	U
MOWS535R	M	-0.001	12/ 6/78	373	4	1	1	7	1	1	1	1	1	3	1	1	180
MOWS536R	M	-0.001	12/ 6/78	373	12	1	2	23	1	1	1	1	1	1	6	1	150
MOWS537R	186	-0.001	12/ 7/78	373	5	1	5	20	1	1	1	1	1	1	6	1	U
MOWS538R	117	-0.001	12/ 7/78	373	5	1	1	1	1	1	1	1	1	3	1	1	250
MOWS539R	36	-0.001	12/ 7/78	373	6	1	1	25	1	1	1	1	1	3	6	1	125
MOWS540R	M	-0.001	12/ 7/78	373	5	1	4	41	1	1	1	1	1	3	1	1	132
MOWS541R	66	-0.001	12/ 7/78	373	7	1	1	25	1	1	1	1	1	3	6	1	30
MOWS542R	157	-0.001	12/ 7/78	373	6	2	1	999	1	4	1	1	1	3	6	1	0
MOWS543R	M	-0.001	12/ 7/78	373	5	1	5	1	1	1	1	1	1	6	6	1	U
MOWS544R	M	-0.001	12/ 7/78	373	6	1	1	15	1	1	1	1	1	2	6	1	108
MOWS545R	M	-0.001	12/ 7/78	373	10	1	1	26	1	2	1	1	1	3	6	1	25
MOWS546R	M	-0.001	12/ 7/78	373	9	1	1	14	1	1	1	1	1	1	1	1	178
MOWS547R	M	-0.001	12/ 7/78	373	3	2	1	999	1	4	1	1	1	3	6	1	0
MOWS548R	M	0.010	12/ 7/78	373	6	1	1	9	1	1	1	1	1	2	6	1	258

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

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SRL I.D.	AL PPB	DY PPB	SAMDATE	TEAM	W A T E R T E M	W E L L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L D O M P	P I P E C O M P	W E L L C L O C	W E L L C L A S S	W E L L D E P T H
MONS549R	M	-0.001	12/ 7/78	373	7	1	1	32	1	1	1	1	1	1	1	1	56
MONS550R	M	-0.001	12/ 7/78	373	2	1	1	6	1	1	1	1	1	3	6	1	142
MONS551R	M	-0.001	12/ 7/78	373	4	1	1	15	1	1	1	1	1	3	6	1	185
MONS552R	M	-0.001	12/ 8/78	373	7	1	1	3	1	1	1	1	1	3	6	1	100
MONS553R	84	-0.001	12/ 8/78	373	1	1	5	2	1	1	1	1	1	6	6	1	U
MONS554R	M	-0.001	12/ 8/78	373	2	1	5	10	1	1	1	1	1	6	6	1	U
MONS555R	M	-0.001	12/ 8/78	373	5	1	1	13	1	1	1	1	1	3	6	1	60
MONS556R	M	0.010	12/ 8/78	373	4	1	2	10	1	1	1	1	1	6	6	1	225
MONS557R	M	-0.001	12/ 8/78	373	5	1	1	6	1	1	1	1	1	1	6	1	140
MONS558R	M	-0.001	12/ 8/78	373	2	2	1	999	1	4	1	1	1	1	1	1	0
MONS559R	50	-0.001	12/ 8/78	373	8	1	5	6	1	1	1	1	1	6	6	1	U
MONS560R	M	-0.001	12/ 8/78	373	1	1	1	17	1	1	1	1	1	1	6	1	80
MONS561R	M	-0.001	12/ 8/78	373	1	1	5	15	1	1	1	1	1	6	6	1	U
MONS562R	M	-0.001	12/ 8/78	373	2	1	5	7	1	1	1	1	1	6	6	6	U
MONS563R	M	-0.001	12/ 8/78	373	4	1	2	15	1	1	1	1	1	6	6	1	90
MONS564R	M	0.020	12/ 8/78	373	7	1	5	40	1	1	1	1	1	3	6	1	U
MONS565R	M	-0.001	12/ 8/78	373	10	1	5	15	1	1	1	1	1	6	6	1	U
MONS566R	M	-0.001	12/ 8/78	373	11	1	1	16	1	1	1	1	1	3	6	1	90
MONS567R	M	-0.001	12/ 9/78	373	12	1	1	18	1	1	1	1	1	2	6	1	90
MONS568R	M	-0.001	12/ 9/78	373	6	1	1	35	1	1	1	1	1	2	6	1	140
MONS569R	M	-0.001	12/ 9/78	373	8	2	1	999	1	4	1	1	1	7	4	1	0
MONS570R	M	-0.001	12/ 9/78	373	7	1	1	25	1	1	1	1	1	3	6	1	82
MONS571R	M	-0.001	12/ 9/78	373	12	1	1	6	1	1	1	1	1	2	6	1	105
MONS572R	M	-0.001	12/10/78	373	11	1	1	8	1	1	1	1	1	1	6	1	85
MONS573R	M	-0.001	12/10/78	373	10	1	1	16	1	1	1	1	1	6	6	1	86
MONS574R	M	-0.001	12/10/78	373	12	1	1	4	1	1	1	1	1	3	6	1	140
MONS575R	M	-0.001	12/10/78	373	12	1	1	60	1	1	1	1	1	1	4	1	25
MONS576R	M	-0.001	12/10/78	373	7	1	5	30	1	1	1	1	1	6	6	1	U
MONS577R	M	-0.001	12/13/78	406	13	1	5	U	5	1	1	1	1	6	7	1	U
MONS578R	M	-0.001	12/13/78	406	14	1	1	20	1	1	1	1	1	2	7	1	85
MONS579R	46	-0.001	12/13/78	406	16	1	5	U	5	1	1	1	1	6	7	1	U
MONS580R	M	-0.001	12/13/78	406	13	1	1	28	1	1	1	1	1	1	7	1	135
MONS581R	M	-0.001	12/13/78	406	14	1	1	16	1	1	1	1	1	1	7	1	90
MONS582R	M	-0.001	12/13/78	406	13	1	1	20	1	1	1	1	1	3	7	1	145
MONS583R	22	-0.001	12/13/78	406	12	1	1	15	1	1	1	1	1	1	7	1	247
MONS584R	M	-0.001	12/13/78	406	13	1	5	U	5	4	1	1	1	1	3	3	U
MONS585R	22	-0.001	12/13/78	406	12	1	1	1	1	1	1	1	1	1	2	1	500
MONS586R	M	-0.001	12/13/78	406	13	1	1	13	1	1	1	1	1	1	7	1	270
MONS587R	M	-0.001	12/13/78	406	15	1	1	18	1	1	1	1	1	1	7	1	235
MONS588R	M	-0.001	12/13/78	406	11	1	2	1	1	1	1	1	1	1	7	1	200
MONS589R	M	-0.001	12/13/78	406	16	1	1	10	1	1	1	1	1	1	7	1	348
MONS590R	M	-0.001	12/13/78	406	12	1	1	4	1	1	1	1	1	3	7	1	167
MONS591R	48	-0.001	12/13/78	406	13	1	2	3	1	1	1	1	1	1	7	1	400
MONS592R	M	-0.001	12/13/78	406	13	1	2	8	2	1	1	1	1	1	7	1	90
MONS593R	M	-0.001	12/13/78	406	13	1	1	12	1	1	1	1	1	1	4	1	110
MONS594R	M	-0.001	12/13/78	406	16	1	1	5	1	1	1	1	1	6	7	1	150
MONS595R	15	-0.001	12/13/78	406	12	1	1	50	2	1	1	1	1	3	7	1	85
MONS596R	42	-0.001	12/14/78	406	11	1	1	5	1	1	1	1	1	6	7	1	100
MONS597R	56	-0.001	12/14/78	406	12	1	1	1	1	1	1	1	1	3	7	1	300
MONS598R	51	-0.001	12/14/78	406	16	1	1	6	1	1	1	1	1	3	7	1	86

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L D E P T H C O N	D E P T H C O N	A G E	A G G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q U E N C Y	W E L L L E V E L	P I P E C O N	W E L L C O L L E C T I O N	W E L L C L A S S	W E L L D E P T H
MOWS599R	64	-0.001	12/14/78	406	14	1	1	20	1	1	1	1	1	6	7	1	225
MOWS600R	61	-0.001	12/14/78	406	14	1	5	U	5	1	1	1	1	3	7	1	U
MOWS601R	31	-0.001	12/14/78	406	15	1	5	U	5	1	1	1	1	6	7	1	U
MOWS602R	54	-0.001	12/14/78	406	13	1	1	6	1	1	1	1	1	1	7	1	285
MOWS603R	53	-0.001	12/14/78	406	15	1	1	5	1	1	1	1	1	3	1	1	120
MOWS604R	42	-0.001	12/14/78	406	11	1	1	25	1	1	1	1	3	1	7	1	100
MOWS605R	28	-0.001	12/14/79	406	13	1	1	13	1	1	1	1	1	3	7	1	200
MOWY501R	89	-0.001	12/ 6/78	386	9	1	4	5	1	1	1	1	1	7	7	1	225
MOWY502R	12	2.020	12/ 6/78	386	10	1	3	75	3	2	1	1	1	3	1	1	40
MOWY503R	41	0.050	12/ 6/78	386	13	1	2	75	2	2	1	1	1	3	7	1	46
MOWY504R	43	-0.001	12/ 6/78	386	16	1	1	70	2	2	1	1	1	7	7	1	70
MOWY505R	8	-0.001	12/ 6/78	386	16	1	4	9	1	1	1	1	1	3	7	1	90
MOWY506R	15	-0.001	12/ 6/78	386	15	1	1	6	1	1	1	1	1	3	1	1	90
MOWY507R	11	-0.001	12/ 6/78	386	17	1	1	20	1	1	1	1	1	7	7	1	120
MOWY508R	M	-0.001	12/ 6/78	386	17	1	1	8	1	1	1	1	1	7	7	1	85
MOWY509R	18	-0.001	12/ 6/78	386	16	1	1	U	5	1	1	1	1	6	1	1	220
MOWY510R	6	-0.001	12/ 6/78	386	18	1	5	U	5	1	1	1	1	6	7	1	U
MOWY511R	11	-0.001	12/ 6/78	386	16	1	2	20	2	2	1	1	1	6	7	1	20
MOWY512R	4	-0.001	12/ 6/78	386	16	2	1	999	1	4	1	1	1	3	7	1	0
MOWY513R	83	-0.001	12/ 6/78	386	18	1	2	50	2	2	1	1	1	3	7	1	15
MOWY514R	7	-0.001	12/ 6/78	386	16	1	1	12	1	1	1	1	1	1	4	2	600
MOWY515R	11	-0.001	12/ 7/78	386	16	1	1	10	1	1	1	1	1	1	7	1	230
MOWY516R	37	-0.001	12/ 7/78	386	15	1	3	10	2	2	1	1	1	6	7	1	40
MOWY517R	31	0.130	12/ 7/78	386	15	1	2	16	2	1	1	1	1	3	7	1	80
MOWY518R	5	-0.001	12/ 7/78	386	15	1	2	4	1	1	1	1	1	3	1	1	140
MOWY519R	35	-0.001	12/ 7/78	386	15	1	1	11	2	1	1	1	1	1	7	1	151
MOWY520R	7	-0.001	12/ 7/78	386	14	1	2	10	2	1	1	1	1	7	7	1	270
MOWY521R	3	-0.001	12/ 7/78	386	13	1	3	18	2	1	1	1	1	1	7	1	225
MOWY522R	5	-0.001	12/ 7/78	386	16	1	2	18	1	1	1	1	1	7	7	1	210
MOWY523R	10	-0.001	12/ 7/78	386	14	1	3	35	3	2	1	1	1	7	7	1	100
MOWY524R	5	-0.001	12/ 7/78	386	14	1	2	10	2	1	1	1	1	1	7	1	80
MOWY525R	15	-0.001	12/ 7/78	386	13	1	5	U	5	4	1	1	1	6	7	1	U
MOWY526R	15	-0.001	12/ 7/78	386	16	1	2	1	1	1	1	1	1	7	7	1	250
MOWY527R	8	-0.001	12/ 7/78	386	13	1	1	14	2	1	1	1	1	7	7	1	74
MOWY528R	9	-0.001	12/ 7/78	386	14	1	1	4	2	1	1	1	1	1	1	1	210
MOWY529R	2	-0.001	12/ 7/78	386	14	1	1	3	1	1	1	1	1	7	7	1	210
MOWY530R	7	0.960	12/ 7/78	386	15	1	5	3	1	1	1	1	1	3	7	1	U
MOWY531R	5	-0.001	12/ 7/78	386	15	1	1	15	2	1	1	1	1	1	1	1	126
MOWY532R	7	-0.001	12/ 7/78	386	13	1	3	14	1	1	1	1	1	7	7	1	300
MOWY533R	7	-0.001	12/ 7/78	386	14	1	1	12	1	1	1	1	1	7	7	1	132
MOWY534R	8	0.030	12/ 9/78	386	17	1	1	4	2	1	1	1	1	6	7	1	700
MOWY535R	32	-0.001	12/ 9/78	386	16	1	2	18	2	1	1	1	1	7	7	1	40
MOWY536R	113	-0.001	12/ 9/78	386	16	1	2	75	3	2	1	1	1	7	7	1	20
MOWY537R	98	-0.001	12/ 9/78	386	16	1	1	22	1	2	1	1	1	7	7	1	13
MOWY538R	36	-0.001	12/ 9/78	386	16	1	1	75	3	2	1	1	1	6	7	1	35
MOWY539R	14	-0.001	12/ 9/78	386	16	1	5	7	3	1	1	1	1	7	1	1	U
MOWY540R	14	-0.001	12/ 9/78	386	16	1	2	75	3	2	1	1	1	7	7	1	35
MOWY541R	9	-0.001	12/ 9/78	386	16	1	1	3	1	1	1	1	1	3	7	1	220
MOWY542R	7	-0.001	12/ 9/78	386	16	1	1	10	2	1	1	1	1	7	7	1	75
MOWY543R	76	-0.001	12/ 9/78	386	16	2	1	999	1	4	1	1	1	7	4	1	0

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L D E P T H F T	D E P T H F T	A G E	A G E C O N T Y P E	W E L L L O C A T I O N	W E L L L O C A T I O N	W E L L L O C A T I O N	W E L L L O C A T I O N	P L O T N O M E R	W E L L L O C A T I O N	W E L L L O C A T I O N	W E L L L O C A T I O N
MOWY544R	39	0.040	12/ 9/78	386	16	1	2	75	3	2	1	1	1	3	7	1	30
MOWY545R	8	-0.001	12/ 9/78	386	16	1	1	20	1	1	1	1	1	7	7	1	213
MOWY546R	20	-0.001	12/ 9/78	386	16	1	1	13	1	1	1	1	1	3	7	1	256
MOWY547R	121	-0.001	12/ 9/78	386	16	1	1	25	3	1	1	1	1	7	7	1	120
MOWY548R	6	-0.001	12/ 9/78	386	17	1	2	28	2	1	1	1	1	7	7	1	28
MOWY549R	11	-0.001	12/ 9/78	386	17	1	2	3	2	1	1	1	1	3	7	1	190
MOWY550R	5	0.930	12/10/78	386	15	1	1	9	2	1	1	1	1	7	7	1	240
MOWY551R	121	-0.001	12/10/78	386	16	1	1	15	3	2	1	1	1	1	7	1	23
MOWY552R	70	-0.001	12/10/78	386	16	1	1	21	1	1	1	1	1	1	7	1	35
MOWY553R	12	-0.001	12/10/78	386	15	1	2	12	2	1	1	1	1	1	7	1	65
MOWY554R	84	0.820	12/10/78	386	16	2	1	999	1	4	1	1	1	7	7	2	0
MOWY555R	46	-0.001	12/10/78	386	15	2	1	999	1	4	1	1	1	7	4	1	0
MOWY556R	50	0.060	12/10/79	386	17	2	1	999	1	4	1	1	1	7	4	1	0
MOWY557R	14	-0.001	12/10/78	386	16	1	1	16	1	1	1	1	1	7	7	1	160
MOWY558R	4	-0.001	12/10/78	386	14	1	3	5	2	1	1	1	1	6	7	1	225
MOWY559R	10	-0.001	12/10/78	386	16	1	2	15	2	2	1	1	1	6	7	1	35
MOWY560R	10	-0.001	12/10/78	386	15	1	2	20	2	1	1	1	1	3	7	1	60
MOWY561R	20	-0.001	12/10/78	386	15	1	1	13	1	1	1	1	1	3	1	1	125
MOWY562R	3	-0.001	12/10/78	386	15	1	1	15	2	1	1	1	1	7	7	1	275
MOWY563R	11	-0.001	12/10/78	386	14	1	3	6	1	1	1	1	1	6	7	1	164
MOWY564R	9	-0.001	12/10/78	386	16	1	5	6	2	1	1	1	1	6	7	1	U
MOWY565R	7	-0.001	12/10/78	386	15	1	5	10	4	1	1	1	1	6	7	1	U
MOWY566R	7	-0.001	12/10/78	386	14	1	2	25	4	1	1	1	1	6	7	1	100
MOWY567R	4	-0.001	12/10/78	386	15	1	2	15	2	1	1	1	1	7	7	1	145
MOWY568R	20	-0.001	12/10/78	386	14	1	2	60	2	1	1	1	1	7	7	1	55
MOWY569R	8	-0.001	12/10/78	386	15	1	3	23	2	1	1	1	1	7	7	1	180
MOWY570R	3	-0.001	12/10/78	386	16	1	1	20	1	1	1	1	1	7	7	1	108
MOWY571R	21	-0.001	12/11/78	386	16	1	1	7	1	1	1	1	1	1	7	1	225
MOWY572R	14	-0.001	12/11/78	386	15	1	1	9	1	1	1	1	1	6	7	1	216
MOWY573R	30	-0.001	12/11/78	386	15	1	2	100	2	2	1	1	1	3	7	1	75
MOWY574R	10	-0.001	12/11/78	386	15	1	2	20	3	1	1	1	1	7	7	1	143
MOWY575R	7	-0.001	12/11/78	386	14	1	2	8	1	1	1	1	1	1	7	1	154
MOWY576R	9	-0.001	12/11/78	386	15	1	1	3	1	1	1	1	1	7	7	1	142
MOWY577R	57	-0.001	12/11/78	386	16	1	2	40	2	2	1	1	1	7	7	1	30
MOWY578R	36	-0.001	12/11/78	386	13	1	1	10	2	2	1	1	1	3	7	1	14
MOWY579R	22	-0.001	12/11/78	386	13	1	3	15	3	1	1	1	1	3	1	1	120
MOWY580R	14	-0.001	12/11/78	386	16	1	2	30	2	2	1	1	1	3	7	1	12
MOWY581R	16	-0.001	12/11/78	386	12	1	1	10	1	1	1	1	1	6	7	1	132
MOWY582R	9	-0.001	12/11/78	386	13	1	2	35	2	1	1	1	1	7	7	1	100
MOWY583R	19	-0.001	12/11/78	386	15	1	2	10	2	3	1	1	1	7	7	1	15
MOWY584R	29	-0.001	12/11/78	386	11	1	4	13	2	1	1	1	1	1	7	1	190
MOWY585R	62	-0.001	12/11/78	386	14	1	2	15	2	1	1	1	1	7	7	1	57
MOWY586R	13	-0.001	12/11/78	386	15	1	2	15	3	1	1	1	1	1	7	1	80
MOWY587R	9	-0.001	12/11/78	386	16	1	3	12	2	1	1	1	1	7	7	1	100
MOWY588R	8	1.430	12/11/78	386	15	1	2	4	2	1	1	1	1	3	7	1	325
MOWY589R	10	-0.001	12/11/78	386	14	1	2	6	2	1	1	1	1	3	7	1	70
MOWY590R	31	-0.001	12/12/78	386	14	1	1	15	1	1	1	1	1	3	7	1	75
MOWY591R	1	-0.001	12/12/78	386	15	1	5	U	5	4	1	1	1	6	7	1	U
MOWY592R	6	1.010	12/12/78	386	15	2	1	999	1	4	1	1	1	7	4	1	0
MOWY593R	53	-0.001	12/12/78	386	16	1	1	75	1	1	1	1	1	7	7	1	89

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER -- STATE OF MISSOURI

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L L S I D E S T R U C T I O N	D E P T H F E E T	A G E	A G E C O N T E N T	W E L L T Y P E	W E L L U S E	W E L L F R E Q U E N C Y	W E L L L E V E L	P I P E C O D E	W E L L C O L L E C T I O N	W E L L C A S E	W E L L D E P T H
MOWY594R	23	-0.001	12/12/78	386	16	2	1	999	1	4	1	1	1	7	4	1	0
MOWY595R	54	-0.001	12/12/78	386	14	2	1	999	1	4	1	1	1	7	4	1	0
MOWY596R	9	-0.001	12/12/78	386	15	1	1	8	2	1	1	1	1	3	7	1	84
MOWY597R	14	-0.001	12/12/78	386	13	1	5	U	5	1	1	1	1	6	7	1	U
MOWY598R	5	-0.001	12/12/78	386	15	1	1	12	2	1	1	1	1	3	7	1	87
MOWY599R	92	-0.001	12/12/78	386	14	2	1	999	1	4	1	1	1	7	4	1	0
MOWY600R	22	-0.001	12/12/78	386	14	1	4	20	4	1	1	1	1	7	7	1	100
MOWY601R	8	-0.001	12/12/78	386	16	1	2	8	1	1	1	1	1	6	7	1	200
MOWY602R	4	-0.001	12/12/78	386	12	2	1	999	1	4	1	1	1	7	7	1	0
MOWY603R	9	-0.001	12/13/78	386	15	1	1	22	1	1	1	1	1	7	7	1	47
MOWY604R	6	-0.001	12/13/78	386	16	1	1	7	2	1	1	1	1	7	7	1	135
MOWY605R	9	-0.001	12/13/78	386	14	1	1	16	1	1	1	1	1	3	7	1	68
MOWY606R	40	-0.001	12/13/78	386	15	1	3	4	2	1	1	1	1	7	7	1	175
MOWY607R	8	-0.001	12/13/78	386	15	1	1	4	2	1	1	1	1	3	7	1	160
MOWY608R	11	-0.001	12/13/78	386	13	1	1	12	1	1	1	1	1	3	7	1	117
MOWY609R	11	-0.001	12/13/78	386	13	1	1	5	1	1	1	1	1	3	7	1	220
MOWY610R	22	-0.001	12/13/78	386	16	1	5	15	2	3	1	1	1	6	7	1	U
MOWY611R	12	-0.001	12/13/78	386	14	1	1	7	1	1	1	1	1	3	1	1	165
MOWY612R	6	-0.001	12/13/78	386	13	1	1	8	2	2	1	1	1	2	7	1	10
MOWY613R	23	-0.001	12/13/78	386	13	1	1	2	1	1	1	1	1	7	7	1	160
MOWY614R	68	0.050	12/13/78	386	14	1	2	2	1	1	1	1	1	3	7	1	90
MOWY615R	19	-0.001	12/13/78	386	13	1	1	70	3	2	1	1	1	3	7	1	28
MOWY616R	6	-0.001	12/13/78	386	13	1	1	10	2	1	1	1	1	3	7	1	175

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOBA056S1	29-36.7421-93.8332-4-50-000	7.4	260	2.30	M	M	M	M	M	M	M	M	M	M
MOBA057S1	29-36.5180-93.9105-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA058S1	29-36.5216-93.8860-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA059S1	29-36.5674-93.9470-4-50-000	7.6	382	3.20	M	M	M	M	M	M	M	M	M	M
MOBA060S1	29-36.5821-93.8395-4-50-000	7.5	370	3.30	M	M	M	M	M	M	M	M	M	M
MOBA061S1	29-36.6059-93.8235-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA062S1	29-36.6501-93.8482-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA063S1	29-36.6729-93.8311-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA064S1	29-36.6739-93.8658-4-50-000	7.2	312	2.70	M	M	M	M	M	M	M	M	M	M
MOBA065S1	29-36.7072-93.8482-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA066S1	29-36.6900-93.9084-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA067S1	29-36.6806-93.8853-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA068S1	29-36.7000-93.9612-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA069S1	29-36.6969-93.9905-4-50-000	7.2	212	1.60	M	M	M	M	M	M	M	M	M	M
MOBA070S1	29-36.6719-93.9740-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA071S1	29-36.6900-94.0295-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA072S1	29-36.6694-94.0402-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA073S1	29-36.6526-93.9946-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA074S1	29-36.6472-93.9046-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA075S1	29-36.6217-93.9135-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA076S1	29-36.6043-93.9393-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA077S1	29-36.6378-94.0410-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA078S1	29-36.6518-94.0581-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA079S1	29-36.5854-94.0586-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA080S1	29-36.5735-94.0710-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA081S1	29-36.5072-94.0703-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA082S1	29-36.5203-94.0370-4-50-000	7.5	270	2.40	M	M	M	M	M	M	M	M	M	M
MOBA083S1	29-36.5587-94.0191-4-50-000	7.6	236	2.10	M	M	M	M	M	M	M	M	M	M
MOBA084S1	29-36.5144-93.9579-4-50-000	8.0	292	2.60	M	M	M	M	M	M	M	M	M	M
MOBA085S1	29-36.5251-93.8639-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA086S1	29-36.6455-93.6400-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA087S1	29-36.6318-93.6112-4-50-000	8.5	560	2.90	M	M	M	M	M	M	M	M	M	M
MOBA088S1	29-36.6154-93.6451-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA089S1	29-36.6969-93.8086-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA090S1	29-36.6975-93.7589-4-50-000	7.8	254	1.90	M	M	M	M	M	M	M	M	M	M
MOBA091S1	29-36.6679-93.7488-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA092S1	29-36.6791-93.7240-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA093S1	29-36.6962-93.7175-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA094S1	29-36.7130-93.7303-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA095S1	29-36.7171-93.6888-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA096S1	29-36.6977-93.6700-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA097S1	29-36.6378-93.7891-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA098S1	29-36.5248-93.7672-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA099S1	29-36.5056-93.7068-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA100S1	29-36.5022-93.6716-4-50-000	8.2	580	3.70	M	M	M	M	M	M	M	M	M	M
MOBA101S1	29-36.5087-93.6416-4-50-000	8.3	457	3.30	M	M	M	M	M	M	M	M	M	M
MOBA102S1	29-36.5452-93.6305-4-50-000	7.9	466	4.30	M	M	M	M	M	M	M	M	M	M
MOBA103S1	29-36.5506-93.6703-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA104S1	29-36.5529-93.7953-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA105S1	29-36.5727-93.8018-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA106S1	29-36.5570-93.7500-4-50-000	8.2	472	3.50	M	M	M	M	M	M	M	M	M	M
MOBA107S1	29-36.5750-93.7103-4-50-000	8.4	391	2.80	M	M	M	M	M	M	M	M	M	M
MOBA108S1	29-36.6064-93.7023-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBA109S1	29-36.6063-93.7200-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOBL001S1	29-36.7334-90.1939-4-50-000	8.0	550	2.00	3.2	8	7	45	14400	450	6400	5.1	3000	40

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOBL002S1	29-36.6894-90.2214-4-50-000	6.6	140	0.68	3.4	13	7	69	17000	320	4800	9.4	3200	50
MOBL003S1	29-36.6229-90.2682-4-50-000	6.4	95	0.56	2.7	7	11	36	11100	490	11600	2.2	3700	50
MOBL004S1	29-36.5255-90.2292-4-50-000	7.1	180	0.88	3.3	8	6	51	31000	650	4900	10.2	3000	90
MOBL005S1	29-36.5171-90.3289-4-50-000	7.7	280	1.80	4.0	9	6	37	15100	130	M	6.0	M	M
MOBL006S1	29-36.6975-90.4634-4-50-000	6.6	550	3.44	2.7	5	18	64	12200	180	5100	4.8	3300	30
MOBL007S1	29-36.6926-90.5190-4-50-000	6.8	245	1.56	3.3	7	13	49	23600	770	1500	3.8	3200	60
MOBL008S1	29-36.6512-90.5219-4-50-000	7.6	40	0.26	2.4	8	11	57	23400	320	6000	7.6	M	50
MOBL009S1	29-36.5251-90.5741-4-50-000	6.7	120	0.96	3.1	6	9	66	10600	M	M	5.1	4500	M
MOBL010S1	29-36.5696-90.4827-4-50-000	6.9	165	0.68	3.3	7	6	56	15100	M	M	6.7	M	M
MOBL011S1	29-36.5608-90.3810-4-50-000	6.8	800	0.64	3.6	10	5	53	20300	270	4700	7.3	3700	60
MOBL012S1	29-36.6347-90.4009-4-50-000	7.9	330	2.04	2.5	5	8	55	17900	1380	6400	3.7	M	50
MOBL013S1	29-36.6387-90.3364-4-50-000	7.6	200	1.56	2.6	6	7	40	13900	370	3500	4.3	2200	30
MOBL014S1	29-36.6622-90.3165-4-50-000	7.2	155	1.04	3.9	10	11	75	22100	M	M	10.7	6200	M
MOBL015S1	29-36.7224-90.3552-4-50-000	7.5	260	1.80	3.7	9	1	64	21500	890	3700	7.2	3800	60
MOBL016S1	29-36.7577-90.4726-4-50-000	7.6	308	2.50	2.5	8	17	39	24900	850	1200	4.2	M	40
MOBL017S1	29-36.7303-90.4023-4-50-000	7.2	220	1.20	2.8	7	11	49	11500	1080	4100	3.7	4900	40
MOBL018S1	29-36.8568-90.5499-4-50-000	8.2	159	1.24	2.7	4	8	35	14800	780	1000	2.8	2000	30
MOBL019S1	29-36.7601-90.5288-4-50-000	7.8	122	1.00	2.4	M	7	34	16700	1590	1700	2.0	2600	50
MOBL020S1	29-36.7577-90.6088-4-50-000	7.4	94	0.46	1.9	4	8	66	14000	830	700	1.9	M	30
MOBL021S1	29-36.9097-90.6533-4-50-000	7.5	140	1.10	2.0	5	5	-20	12900	240	600	1.9	1700	20
MOBL022S1	29-36.8958-90.6106-4-50-000	7.4	125	1.10	3.1	7	9	-48	14000	530	1100	3.4	M	30
MOBL023S1	29-36.7917-90.4505-4-50-000	6.4	130	0.74	1.7	4	8	25	9700	160	800	2.5	1900	20
MOBL024S1	29-36.7852-90.4847-4-50-000	6.2	60	0.32	2.1	4	7	31	12500	1160	900	1.1	2700	30
MOBL025S1	29-36.7861-90.5578-4-50-000	6.4	185	1.20	1.2	1	5	9	8200	120	200	0.9	600	10
MOBL026S1	29-36.8119-90.5615-4-50-000	6.3	30	0.08	5.8	7	7	41	26500	540	1200	5.7	3400	60
MOBL027S1	29-36.8258-90.5812-4-50-000	6.1	50	0.06	2.9	5	9	-20	18700	520	1600	3.3	3000	40
MOBL028S1	29-36.8353-90.5061-4-50-000	5.9	35	0.04	3.3	8	11	39	20600	370	2500	5.2	M	50
MOBL029S1	29-36.8565-90.5137-4-50-000	M	M	M	3.6	9	17	74	19800	310	2900	5.9	M	50
MOBL030S1	29-36.8835-90.4675-4-50-000	6.7	170	1.26	2.6	5	9	37	9800	580	2100	3.0	2600	20
MOBL031S1	29-36.9104-90.5070-4-50-000	7.1	180	1.20	2.4	4	6	22	12900	650	1600	2.6	2800	40
MOBL032S1	29-36.8987-90.5488-4-50-000	M	M	M	2.5	5	7	-20	25700	320	1400	3.3	2500	40
MOBL033S1	29-36.9121-90.4074-4-50-000	7.6	60	0.40	2.3	5	7	-33	16900	380	700	3.3	2700	30
MOBL034S1	29-36.7067-90.3961-4-50-000	7.7	220	1.20	3.4	6	M	116	14400	960	3300	5.0	3900	60
MOBL035S1	29-36.6497-90.3998-4-50-000	8.4	290	1.45	3.3	11	14	67	23900	970	4900	6.7	3800	40
MOBL036S1	29-36.7499-90.2816-4-50-000	7.3	310	2.40	3.5	12	M	88	23500	950	6200	6.7	M	60
MOBL037S1	29-36.8070-90.2274-4-50-000	7.4	310	2.60	3.5	9	4	55	20700	790	3800	8.0	4600	60
MOBL038S1	29-36.8255-90.2668-4-50-000	M	M	M	3.6	9	6	55	13900	450	4600	6.1	M	60
MOBL039S1	29-36.8078-90.3242-4-50-000	7.4	55	0.22	2.9	7	15	51	20800	680	4500	3.5	3700	40
MOBL040S1	29-36.8618-90.3134-4-50-000	6.0	90	0.42	3.0	11	24	89	24900	490	4100	6.0	M	50
MOBL041S1	29-36.8679-90.3470-4-50-000	6.7	190	1.40	2.5	7	11	22	22400	570	2100	3.6	2400	30
MOBL042S1	29-36.8970-90.4533-4-50-000	7.0	260	2.16	2.0	3	6	21	14400	760	1000	2.0	1500	20
MOBL043S1	29-36.8287-90.4597-4-50-000	7.3	190	1.40	2.3	2	8	39	9500	1120	1400	1.9	2400	20
MOBL044S1	29-36.8865-90.5786-4-50-000	7.2	145	1.12	1.9	1	5	12	12000	560	500	2.2	1200	20
MOBL045S1	29-36.8680-90.6340-4-50-000	6.8	30	0.36	3.9	7	9	24	42700	810	500	7.5	2900	50
MOBL046S1	29-36.7926-90.5807-4-50-000	7.2	90	0.80	1.7	3	5	20	20500	280	1100	1.6	M	20
MOBL047S1	29-36.6646-90.4671-4-50-000	7.8	225	1.25	3.6	9	M	-20	16300	710	4100	5.4	M	50
MOBL048S1	29-36.8385-90.4180-4-50-000	6.6	135	1.00	3.0	6	7	37	11500	400	3000	4.1	3600	30
MOBL049S1	29-36.8804-90.3959-4-50-000	M	M	M	3.1	3	7	40	14000	940	1800	3.1	2800	40
MOBL050S1	29-36.3056-90.3552-4-50-000	6.7	120	0.54	3.1	10	24	61	17600	510	2400	1.9	3500	30
MOBL051S1	29-36.9015-90.2699-4-50-000	6.8	230	2.30	3.0	7	11	59	16200	700	4500	5.3	4100	40
MOBL052S1	29-36.8849-90.3158-4-50-000	M	M	M	3.5	9	13	65	34600	2470	2900	5.0	M	70
MOBL053S1	29-36.8536-90.2774-4-50-000	7.3	270	2.40	2.8	6	12	53	13400	1300	5100	3.8	3400	50
MOBL054S1	29-36.7875-90.2983-4-50-000	7.4	270	1.10	2.4	8	12	63	16900	600	8800	4.7	M	40
MOBL055S1	29-36.7923-90.2437-4-50-000	7.4	300	1.90	3.0	6	5	52	17900	680	4800	5.9	3800	60
MOBL056S1	29-36.7483-90.2397-4-50-000	7.5	300	1.90	3.0	15	1	62	17600	780	13800	4.9	5200	60

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOBL057S1	29-36.7056-90.2570-4-50-000	7.5	300	1.90	3.5	14	33	116	22100	800	8400	2.0	5500	40
MOBL058S1	29-36.7201-90.2985-4-50-000	7.5	310	2.30	2.5	11	1	93	16900	390	9700	4.5	4500	40
MOBL059S1	29-36.7521-90.3548-4-50-000	6.0	80	0.26	3.6	7	10	56	14600	410	3500	5.5	4700	50
MOBL060S1	29-36.8228-90.3621-4-50-000	7.0	210	1.50	3.2	5	2	32	11900	1060	4000	4.5	3700	40
MOBL061S1	29-36.6255-90.4662-4-50-000	M	M	M	3.2	5	13	81	10400	570	3500	4.2	3700	30
MOBL062S1	29-36.5612-90.3987-4-50-000	7.1	430	2.70	2.6	9	4	50	14900	540	8400	4.9	M	40
MOBL063S1	29-36.7191-90.5437-4-50-000	5.6	160	1.08	3.1	9	18	60	20600	910	2200	4.5	4200	40
MOBL064S1	29-36.6655-90.5403-4-50-000	6.6	72	0.24	3.6	13	23	94	35600	880	1700	3.9	M	50
MOBL065S1	29-36.6337-90.4877-4-50-000	M	M	M	3.8	7	6	73	11400	400	4200	5.4	5200	50
MOBL066S1	29-36.6223-90.5382-4-50-000	7.8	180	1.00	2.7	10	15	39	10800	310	9000	3.5	M	30
MOBL067S1	29-36.5930-90.5474-4-50-000	8.0	140	0.80	2.4	9	1	71	10300	730	9200	3.2	3600	20
MOBL068S1	29-36.5536-90.5114-4-50-000	8.7	160	0.55	2.6	9	15	33	7500	290	6900	2.6	2800	20
MOBL069S1	29-36.5180-90.4873-4-50-000	7.4	220	0.85	3.5	5	6	43	12600	520	4300	4.4	4200	50
MOBL070S1	29-36.5624-90.4469-4-50-000	8.8	390	3.20	3.0	9	15	76	19200	900	5700	5.2	M	50
MOBL071S1	29-36.5882-90.3957-4-50-000	8.3	360	3.20	2.8	10	27	-25	11500	210	300	2.9	5300	10
MOBL072S1	29-36.6181-90.3194-4-50-000	7.7	220	1.40	2.7	9	11	140	26500	1090	4600	5.9	M	40
MOBL073S1	29-36.5428-90.3197-4-50-000	8.1	430	4.00	4.0	8	105	34	13400	110	200	3.5	3200	20
MOBL074S1	29-36.5598-90.2494-4-50-000	8.2	700	4.00	2.9	6	7	45	16400	900	10300	5.3	4300	80
MOBL075S1	29-36.6319-90.2051-4-50-000	8.0	360	3.40	2.6	6	15	83	18700	720	10800	3.2	3400	70
MOBL076S1	29-36.6606-90.1560-4-50-000	8.3	340	3.20	2.2	6	9	58	18900	440	7900	3.6	3500	40
MOBL077S1	29-36.6593-90.2630-4-50-000	7.1	M	M	3.2	7	M	54	15300	120	700	5.1	4100	40
MOB0001S1	29-37.3209-89.8677-4-50-000	M	M	M	3.0	8	11	68	22800	1420	4800	4.5	3000	60
MOB0002S1	29-37.2938-89.8767-4-50-000	7.8	165	2.30	1.9	7	16	37	16800	870	3900	2.8	2900	30
MOB0003S1	29-37.2614-89.8704-4-50-000	6.5	60	0.45	2.7	7	18	47	15000	960	4100	3.2	3500	40
MOB0004S1	29-37.2656-89.9046-4-50-000	6.9	50	0.34	2.3	7	13	43	18100	1090	1500	2.2	1800	40
MOB0005S1	29-37.2765-89.9558-4-50-000	7.6	210	3.10	2.6	8	11	48	13900	990	4200	3.6	4000	50
MOB0006S1	29-37.2915-90.0106-4-50-000	7.6	150	1.90	2.7	4	18	48	20000	730	1400	2.8	1800	30
MOB0007S1	29-37.2433-89.9871-4-50-000	M	M	M	3.0	8	14	52	19700	1040	4400	3.7	4700	70
MOB0008S1	29-37.2280-89.9657-4-50-000	7.9	90	1.80	3.1	12	15	51	21400	880	3400	3.9	3600	50
MOB0009S1	29-37.1953-89.9504-4-50-000	7.4	115	1.60	2.9	8	16	59	21500	800	3300	4.4	2800	30
MOB0010S1	29-37.1904-89.9078-4-50-000	7.3	80	0.85	2.7	8	12	59	13800	970	5100	2.7	4300	50
MOB0011S1	29-37.1979-89.8749-4-50-000	7.4	95	0.90	2.9	9	12	48	14000	1140	9000	4.6	3600	60
MOB0012S1	29-37.1401-89.8888-4-50-000	6.7	50	0.28	2.7	9	9	49	16200	340	6900	5.0	2800	50
MOB0013S1	29-37.1438-90.0031-4-50-000	M	M	M	3.0	10	11	66	20900	1200	5300	4.5	4800	60
MOB0014S1	29-37.0706-90.0333-4-50-000	M	M	M	2.5	7	9	58	10600	430	3300	3.1	3000	30
MOB0015S1	29-37.0764-89.9694-4-50-000	6.8	70	0.55	3.3	13	7	85	26800	1370	5800	9.5	4200	80
MOB0016S1	29-37.1113-90.0267-4-50-000	M	M	M	2.7	10	7	74	15600	520	4600	4.6	4100	50
MOB0017S1	29-37.1114-90.0559-4-50-000	M	M	M	3.3	8	9	59	7300	320	5700	5.0	4800	50
MOB0018S1	29-37.0522-90.0697-4-50-000	M	M	M	4.6	9	10	62	16000	200	5000	4.4	3400	60
MOB0019S1	29-37.0782-90.1077-4-50-000	7.7	100	1.30	2.8	10	9	56	16900	1130	4800	5.0	4300	60
MOB0020S1	29-37.1150-90.1195-4-50-000	6.4	30	0.16	2.2	5	12	36	12900	740	1500	2.0	2000	30
MOB0021S1	29-37.1467-90.1818-4-50-000	7.3	60	0.65	2.2	8	10	36	14800	870	1300	0.9	3200	30
MOB0022S1	29-37.1645-90.1676-4-50-000	6.8	45	0.40	2.3	7	9	65	13800	460	2300	4.4	2800	30
MOB0023S1	29-37.1783-90.1331-4-50-000	7.0	45	0.40	2.7	7	12	40	11000	890	2200	3.1	2800	30
MOB0024S1	29-37.1669-90.0867-4-50-000	7.5	90	1.15	3.0	7	10	58	15200	920	3400	3.6	3600	50
MOB0025S1	29-37.1415-90.0917-4-50-000	6.9	70	0.70	3.5	12	13	70	17500	3470	2800	4.4	4100	60
MOB0026S1	29-37.1559-90.1202-4-50-000	7.2	110	1.70	2.7	7	12	43	9100	680	2000	3.4	2400	30
MOB0027S1	29-37.1719-90.0151-4-50-000	7.8	150	2.20	2.4	7	9	54	16300	860	3000	1.9	2800	40
MOB0028S1	29-37.1715-90.0541-4-50-000	6.8	40	0.28	3.0	6	16	31	8600	550	2100	2.2	2500	30
MOB0029S1	29-37.2002-90.1051-4-50-000	6.8	50	0.36	2.2	6	11	37	19100	650	1700	2.6	2200	40
MOB0030S1	29-37.2137-90.0391-4-50-000	7.3	100	1.15	1.9	5	11	37	18000	690	1000	1.7	1500	20
MOB0031S1	29-37.2464-90.0493-4-50-000	7.3	55	0.60	2.7	7	15	45	18500	740	1700	2.4	2200	30
MOB0032S1	29-37.2684-90.0799-4-50-000	7.1	40	0.28	3.2	5	13	40	8500	730	2000	6.1	2400	30
MOB0033S1	29-37.2459-90.1066-4-50-000	7.0	30	0.16	3.4	7	16	55	22800	1170	2200	3.0	3300	40
MOB0034S1	29-37.2204-90.1479-4-50-000	6.9	20	0.06	2.8	6	19	37	10900	700	1800	1.6	2700	20

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
MOB0035S1	29-37.2304-90.1909-4-50-000	M	M	M	3.2	5	11	53	18300	1500	2200	4.4	4100	60	
MOB0036S1	29-37.2596-90.1871-4-50-000	7.3	60	0.60	2.9	9	12	45	22800	930	1400	4.3	2500	40	
MOB0037S1	29-37.3102-90.2106-4-50-000	7.4	95	1.20	2.5	7	8	36	11900	730	1300	2.7	2200	30	
MOB0038S1	29-37.3018-90.1725-4-50-000	7.1	75	1.00	2.7	7	11	60	13400	1000	2200	3.1	2900	40	
MOB0039S1	29-37.3175-90.0860-4-50-000	7.0	30	0.12	3.3	10	14	53	22100	790	1800	3.4	2900	40	
MOB0040S1	29-37.3384-90.0865-4-50-000	6.6	45	0.26	3.3	8	12	72	23200	1590	2600	3.9	3800	50	
MOB0041S1	29-37.3158-90.0315-4-50-000	7.6	70	0.70	2.3	4	9	33	18800	830	1100	1.7	1400	30	
MOB0042S1	29-37.3410-90.0307-4-50-000	7.3	80	0.55	3.6	7	12	50	16600	1260	2200	5.3	3200	40	
MOB0043S1	29-37.3684-90.0568-4-50-000	7.5	90	0.90	2.6	8	12	49	12200	790	2200	2.2	2700	40	
MOB0044S1	29-37.3820-90.1014-4-50-000	7.4	75	0.85	3.0	10	15	55	18000	840	2700	2.9	3200	50	
MOB0045S1	29-37.4237-90.1089-4-50-000	7.4	105	1.40	3.6	9	14	71	22300	970	2400	4.4	2900	40	
MOB0046S1	29-37.4286-90.0607-4-50-000	7.3	50	0.32	2.9	9	14	58	22300	1080	1900	3.9	2600	40	
MOB0047S1	29-37.4407-90.0797-4-50-000	7.0	85	1.20	2.7	5	10	37	17900	890	1400	2.4	2100	40	
MOB0048S1	29-37.4592-90.1136-4-50-000	M	M	M	3.2	8	15	60	16400	320	1600	3.6	700	10	
MOB0049S1	29-37.4970-90.0785-4-50-000	M	M	M	3.3	9	17	47	27500	550	900	3.4	500	M	
MOB0050S1	29-37.4973-90.1209-4-50-000	M	M	M	2.4	6	9	37	17000	980	1700	3.2	700	M	
MOB0051S1	29-37.5128-90.0453-4-50-000	7.1	100	1.20	2.9	7	12	54	13800	230	100	2.8	1700	M	
MOB0052S1	29-37.5416-90.0740-4-50-000	7.1	55	0.60	2.7	7	10	44	16500	M	M	2.3	M	M	
MOB0053S1	29-37.5699-90.1327-4-50-000	6.8	60	0.55	3.1	7	13	40	9100	850	2200	2.1	700	M	
MOB0054S1	29-37.5865-90.1023-4-50-000	7.6	180	2.50	1.7	5	6	25	6800	1030	2500	1.8	500	M	
MOB0055S1	29-37.5741-90.0867-4-50-000	6.9	115	1.50	1.9	7	8	33	11400	510	1400	2.0	300	M	
MOB0056S1	29-37.5766-90.0394-4-50-000	7.2	170	2.70	2.9	10	13	53	18300	960	2800	2.8	700	M	
MOB0057S1	29-37.5855-89.9837-4-50-000	7.5	170	1.80	2.7	8	11	51	16700	730	1800	3.2	700	M	
MOB0058S1	29-37.5333-89.9950-4-50-000	7.6	190	2.20	3.7	10	12	62	20000	1110	2300	2.3	700	30	
MOB0059S1	29-37.5499-89.9501-4-50-000	M	M	M	3.2	8	10	49	17300	390	1200	6.4	200	M	
MOB0060S1	29-37.5436-89.9025-4-50-000	M	M	M	3.1	8	12	46	19000	1180	1700	3.6	300	M	
MOB0061S1	29-37.5830-89.8777-4-50-000	7.2	120	2.00	3.5	7	19	48	19000	770	2600	2.5	500	M	
MOB0062S1	29-37.5667-89.8842-4-50-000	7.1	100	0.55	4.2	10	17	69	24200	890	2700	3.8	600	60	
MOB0063S1	29-37.5627-89.9295-4-50-000	M	M	M	2.8	11	12	62	19000	930	2400	3.0	500	M	
MOB0064S1	29-37.5321-89.8743-4-50-000	M	M	M	3.5	8	16	59	14200	980	4100	4.5	800	M	
MOB0065S1	29-37.5105-89.9440-4-50-000	7.5	120	1.30	4.5	10	20	71	24800	750	2800	2.7	500	M	
MOB0066S1	29-37.4870-89.8792-4-50-000	8.1	180	2.10	3.0	6	13	55	19900	890	4000	1.9	600	M	
MOB0067S1	29-37.4623-89.8819-4-50-000	8.0	105	1.20	3.1	6	14	42	18700	1210	2500	3.2	800	M	
MOB0068S1	29-37.4599-89.9365-4-50-000	7.2	170	2.20	M	6	11	45	13400	1080	3400	2.0	700	30	
MOB0069S1	29-37.4814-89.9882-4-50-000	7.5	190	2.30	2.6	7	12	47	22400	740	3100	3.1	500	M	
MOB0070S1	29-37.4516-89.9889-4-50-000	7.4	155	2.70	2.6	4	11	55	20000	870	3000	1.5	400	20	
MOB0071S1	29-37.4193-90.0235-4-50-000	7.2	80	1.20	2.8	7	7	48	19000	560	2000	3.9	500	M	
MOB0072S1	29-37.4137-89.9596-4-50-000	M	M	M	3.7	7	12	63	23100	750	3100	4.6	800	M	
MOB0073S1	29-37.3915-89.9626-4-50-000	M	M	M	3.6	7	11	59	19100	130	12500	2.5	300	M	
MOB0074S1	29-37.4037-89.8856-4-50-000	7.1	120	1.70	3.4	11	17	60	20300	M	M	3.3	M	M	
MOB0075S1	29-37.3892-89.9363-4-50-000	6.9	55	0.60	3.0	11	12	68	24700	700	1600	3.1	400	60	
MOB0076S1	29-37.3611-89.9032-4-50-000	7.4	170	2.40	2.5	8	14	56	18500	1220	1500	2.8	500	M	
MOB0077S1	29-37.3209-89.9467-4-50-000	6.9	100	1.40	2.3	6	11	31	11100	1320	2800	1.6	400	M	
MOB0078S1	29-37.3275-89.9929-4-50-000	M	M	M	2.9	9	11	57	16900	860	2100	2.8	500	M	
MOB0079S1	29-37.3539-89.9814-4-50-000	6.9	80	1.30	2.4	5	11	41	21200	860	2200	3.0	1200	M	
MOB0080S1	29-37.3852-90.0149-4-50-000	7.3	85	1.00	2.5	6	9	44	17900	450	1700	1.9	400	M	
MOC P001S1	29-37.3693-89.4573-4-50-000	7.1	95	1.00	2.7	11	12	62	20100	410	7900	7.1	3600	60	
MOC P002S1	29-37.4058-89.4840-4-50-000	6.7	65	0.22	2.7	11	11	58	16500	910	7700	3.4	3900	50	
MOC P003S1	29-37.3818-89.5027-4-50-000	7.0	70	0.55	3.7	7	9	39	9300	670	5600	3.2	2100	30	
MOC P004S1	29-37.4834-89.5111-4-50-000	7.4	100	1.10	2.7	7	11	83	16800	570	5700	1.6	3600	50	
MOC P005S1	29-37.5135-89.5239-4-50-000	6.9	60	0.60	3.3	3	14	26	5300	570	3000	4.5	2300	30	
MOC P006S1	29-37.5301-89.5532-4-50-000	M	M	M	3.3	7	17	56	16500	870	4800	5.8	1000	20	
MOC P007S1	29-37.5522-89.5440-4-50-000	M	M	M	3.5	10	23	70	19400	1210	6300	7.6	3100	50	
MOC P008S1	29-37.5517-89.5981-4-50-000	M	M	M	3.1	8	13	45	12400	640	4900	7.9	3000	40	
MOC P009S1	29-37.5680-89.6158-4-50-000	7.0	170	1.80	3.4	6	20	48	16800	820	3600	7.0	800	30	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOCPO10S1	29-37.5806-89.6453-4-50-000	7.4	325	4.80	2.8	7	11	56	16900	1200	7700	5.7	4400	70
MOCPO11S1	29-37.5370-89.6591-4-50-000	7.3	330	2.60	3.4	8	16	38	15800	830	4400	4.0	13900	20
MOCPO12S1	29-37.5193-89.6239-4-50-000	7.4	285	2.60	3.7	7	16	46	21400	1430	6200	7.5	4300	60
MOCPO13S1	29-37.4736-89.6474-4-50-000	7.0	200	1.00	3.9	8	18	61	22700	1190	5400	6.0	4600	60
MOCPO14S1	29-37.4605-89.5919-4-50-000	8.3	230	2.50	3.6	5	12	78	18900	930	3100	6.9	2800	50
MOCPO15S1	29-37.4890-89.5745-4-50-000	M	M	M	3.5	5	14	23	5800	340	2400	6.7	1200	20
MOCPO16S1	29-37.4561-89.5332-4-50-000	7.2	70	0.65	3.7	5	19	136	25600	1050	5700	4.7	4100	60
MOCPO17S1	29-37.4295-89.5564-4-50-000	7.0	60	0.55	3.9	6	13	40	9900	610	4500	4.4	2400	40
MOCPO18S1	29-37.3898-89.5603-4-50-000	M	M	M	3.5	5	14	50	16800	830	4700	5.5	2500	30
MOCPO19S1	29-37.3784-89.5846-4-50-000	M	M	M	3.0	11	9	-20	-5000	1190	5600	5.0	5600	70
MOCPO20S1	29-37.3998-89.6036-4-50-000	M	M	M	3.2	9	13	62	21800	1010	4500	6.6	5100	40
MOCPO21S1	29-37.4132-89.6464-4-50-000	7.6	240	3.70	3.3	9	14	51	15000	1180	4600	4.3	2900	30
MOCPO22S1	29-37.3675-89.6329-4-50-000	M	M	M	3.2	9	13	65	20900	1130	5400	5.2	3700	80
MOCPO23S1	29-37.3516-89.6959-4-50-000	M	M	M	1.6	6	17	30	8600	690	3400	2.5	1700	20
MOCPO24S1	29-37.3193-89.6977-4-50-000	M	M	M	3.5	6	42	22	5600	190	4000	3.7	1400	10
MOCPO25S1	29-37.3217-89.6101-4-50-000	M	M	M	3.5	9	16	29	18700	730	7400	4.6	4400	50
MOCPO26S1	29-37.3038-89.6478-4-50-000	8.0	75	1.00	3.1	11	18	52	11100	680	8000	3.9	3800	40
MOCPO27S1	29-37.2845-89.6850-4-50-000	7.2	70	0.80	3.5	6	17	42	8300	430	4800	5.2	1100	30
MOCPO28S1	29-37.3127-89.7276-4-50-000	M	M	M	3.3	5	18	33	17100	660	5200	3.4	2200	30
MOCPO29S1	29-37.3476-89.7689-4-50-000	7.0	75	0.80	3.0	8	12	35	13200	620	5600	4.8	3300	40
MOCPO30S1	29-37.3438-89.8524-4-50-000	M	M	M	3.8	5	14	43	14500	670	3100	5.2	2600	40
MOCPO31S1	29-37.3470-89.8062-4-50-000	M	M	M	0.7	6	11	53	14600	770	3000	5.1	4900	30
MOCPO32S1	29-37.2979-89.7999-4-50-000	M	M	M	3.5	6	11	52	16900	1020	5400	8.8	4700	50
MOCPO33S1	29-37.2736-89.8508-4-50-000	7.4	85	0.80	3.8	7	14	42	9800	690	2900	6.0	3200	40
MOCPO34S1	29-37.2456-89.8373-4-50-000	7.4	90	0.70	3.8	M	13	M	M	960	3400	M	2500	30
MOCPO35S1	29-37.2202-89.8349-4-50-000	7.4	85	0.75	3.1	12	10	83	18700	1540	8800	3.4	5400	70
MOCPO36S1	29-37.1902-89.8050-4-50-000	M	M	M	3.5	13	11	55	22400	840	8800	8.4	3500	90
MOCPO37S1	29-37.1597-89.8209-4-50-000	M	M	M	3.2	7	10	40	14100	590	5400	9.1	1800	30
MOCPO38S1	29-37.1417-89.7500-4-50-000	M	M	M	2.8	8	13	-20	22900	2110	7500	3.0	5200	60
MOCPO39S1	29-37.1900-89.7482-4-50-000	M	M	M	M	7	13	40	9200	510	4100	5.3	M	40
MOCPO40S1	29-37.2361-89.8023-4-50-000	7.5	110	1.30	3.3	9	16	75	16400	1450	5300	6.8	4000	50
MOCPO41S1	29-37.2240-89.7568-4-50-000	M	M	M	3.6	13	13	57	21000	1090	7100	7.5	4200	50
MOCPO42S1	29-37.2570-89.7547-4-50-000	M	M	M	3.3	12	10	104	33100	1220	8100	10.8	4600	70
MOCPO43S1	29-37.2539-89.6604-4-50-000	7.5	170	2.00	3.1	6	12	57	12300	520	5100	5.2	900	30
MOCPO44S1	29-37.2621-89.5954-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOCPO45S1	29-37.2865-89.5808-4-50-000	M	M	M	3.2	6	12	36	10000	460	5900	7.5	1900	30
MOCPO46S1	29-37.3744-89.7322-4-50-000	7.5	175	2.00	3.2	5	22	42	9200	610	4700	3.5	2300	30
MOCPO47S1	29-37.4028-89.7437-4-50-000	7.6	230	2.60	2.8	8	18	36	14400	520	3000	2.5	2600	30
MOCPO48S1	29-37.3990-89.8244-4-50-000	7.7	180	2.50	3.8	9	14	61	18900	1060	4300	6.5	3800	50
MOCPO49S1	29-37.4256-89.8385-4-50-000	7.7	190	2.00	2.6	7	11	56	11600	540	9400	4.3	3400	50
MOCPO50S1	29-37.4488-89.8136-4-50-000	8.4	90	1.50	3.0	5	27	22	15900	320	2600	2.8	1500	20
MOCPO51S1	29-37.4882-89.8165-4-50-000	8.6	75	0.70	1.7	4	17	-20	9400	380	2800	1.5	1300	20
MOCPO52S1	29-37.4770-89.7945-4-50-000	M	M	M	3.2	5	25	27	8500	490	2600	2.3	1700	30
MOCPO53S1	29-37.4442-89.7588-4-50-000	M	M	M	2.6	5	19	32	11700	990	M	5.3	M	30
MOCPO54S1	29-37.4123-89.6979-4-50-000	8.3	210	2.80	3.2	12	15	62	12100	830	6000	5.1	4300	40
MOCPO55S1	29-37.4470-89.7101-4-50-000	8.0	230	2.70	2.5	6	16	45	23300	1320	4700	7.3	3900	50
MOCPO56S1	29-37.4753-89.7245-4-50-000	M	M	M	3.1	9	14	44	12800	650	3700	3.3	1100	30
MOCPO57S1	29-37.4846-89.6861-4-50-000	M	M	M	3.4	11	15	53	20100	910	5400	5.1	3500	40
MOCPO58S1	29-37.5247-89.6934-4-50-000	M	M	M	3.9	5	19	37	15200	760	3200	2.4	1000	30
MOCPO59S1	29-37.5552-89.6956-4-50-000	7.9	220	2.70	3.1	M	17	M	M	710	4500	M	3000	40
MOCPO60S1	29-37.5599-99.7315-4-50-000	M	M	M	2.3	9	9	57	21100	1190	6600	3.4	4800	60
MOCPO61S1	29-37.5240-89.7363-4-50-000	M	M	M	2.5	12	14	-44	-5000	1040	5500	3.2	4800	50
MOCPO62S1	29-37.5262-89.7768-4-50-000	M	M	M	3.7	6	14	64	18800	1360	2700	7.3	3200	40
MOCPO63S1	29-37.5331-89.8400-4-50-000	M	M	M	4.0	13	15	73	38100	500	3600	6.4	4000	60
MOCPO64S1	29-37.5944-89.8427-4-50-000	8.0	160	1.60	3.1	5	37	31	9400	230	2400	2.8	1600	30

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOCP065S1	29-37.5637-89.7954-4-50-000	M	M	M	M	6	88	23	7200	180	2100	4.5	700	10
MOCT001S1	29-37.0392-90.9594-4-50-000	M	M	M	1.9	1	4	27	9800	920	800	2.3	2900	30
MOCT002S1	29-37.0330-91.0338-4-50-000	8.0	380	3.10	1.7	3	6	13	9300	890	800	2.8	M	20
MOCT003S1	29-36.9461-91.0047-4-50-000	M	M	M	2.3	5	4	36	12800	M	900	3.1	M	30
MOCT004S1	29-36.9832-91.0424-4-50-000	8.1	425	3.00	1.4	2	4	27	11000	590	500	2.3	1600	20
MOCT005S1	29-36.9649-91.0676-4-50-000	M	M	M	2.3	6	6	33	19700	630	900	4.5	M	30
MOCT006S1	29-36.9498-91.1397-4-50-000	M	M	M	2.6	6	11	66	17900	870	1000	4.9	M	20
MOCT007S1	29-36.9438-91.1979-4-50-000	M	M	M	1.8	4	5	27	9800	M	800	1.8	M	30
MOCT008S1	29-36.9927-91.1927-4-50-000	M	M	M	1.7	4	5	34	9700	M	900	2.7	2700	M
MOCT009S1	29-37.0434-91.1972-4-50-000	8.0	160	1.20	1.5	M	7	-20	12000	500	200	2.1	M	20
MOCT010S1	29-36.8698-91.1768-4-50-000	M	M	M	2.3	6	6	50	13100	1420	1300	2.9	3100	40
MOCT011S1	29-36.8578-91.0861-4-50-000	M	M	M	3.0	7	9	56	13200	1830	2300	4.1	4600	40
MOCT012S1	29-36.8381-91.0315-4-50-000	M	M	M	1.7	3	8	18	15000	540	500	0.3	1100	20
MOCT013S1	29-36.8616-90.9526-4-50-000	M	M	M	1.4	3	4	12	9700	M	400	1.3	M	20
MOCT014S1	29-36.9218-90.9285-4-50-000	M	M	M	3.2	9	6	49	22700	1670	1000	6.6	2400	50
MOCT015S1	29-36.9746-90.9358-4-50-000	M	M	M	2.1	5	12	57	13000	920	900	3.5	2200	20
MOCT016S1	29-37.0129-90.8769-4-50-000	7.0	90	0.48	1.3	5	6	21	20800	510	400	2.1	900	20
MOCT017S1	29-37.0398-90.8719-4-50-000	M	M	M	1.3	3	M	-34	13700	330	400	1.2	1000	20
MOCT018S1	29-37.0202-90.8182-4-50-000	7.4	60	0.82	2.4	4	7	65	36000	1640	800	2.9	M	50
MOCT019S1	29-37.0032-90.7673-4-50-000	7.7	40	0.90	1.6	4	2	31	14900	840	200	1.8	700	30
MOCT020S1	29-36.9832-90.7450-4-50-000	6.7	65	0.54	4.0	5	4	39	20900	470	600	3.2	1700	30
MOCT021S1	29-36.9494-90.7666-4-50-000	7.7	95	0.80	3.4	7	11	69	17300	M	1800	4.5	M	30
MOCT022S1	29-36.9473-90.8514-4-50-000	7.8	105	1.38	2.0	3	6	24	13100	M	700	2.5	1600	20
MOCT023S1	29-36.8830-90.8773-4-50-000	M	M	M	3.4	9	3	38	29900	M	M	6.9	M	M
MOCT024S1	29-36.8651-90.8112-4-50-000	M	M	M	2.7	5	8	80	37300	2020	600	3.2	2200	40
MOCT025S1	29-36.8507-90.6857-4-50-000	7.9	90	0.90	2.6	4	11	27	13900	260	900	2.2	2000	20
MOCT026S1	29-36.9080-90.7225-4-50-000	7.4	50	0.40	2.6	7	11	44	28100	840	1500	3.7	1900	30
MOCT027S1	29-36.9958-90.8107-4-50-000	7.5	60	0.10	3.5	5	4	51	18700	2150	1300	1.1	3400	60
MOCT028S1	29-37.0457-90.7728-4-50-000	7.1	115	0.96	3.4	5	10	37	12300	740	1200	3.3	2000	30
MOCT029S1	29-37.0346-90.8443-4-50-000	M	M	M	1.9	2	9	-20	10300	630	700	2.2	1700	20
MOCT030S1	29-36.9662-90.7098-4-50-000	7.8	40	0.24	1.3	1	3	15	8100	410	400	1.3	900	10
MOCT031S1	29-36.9349-90.7975-4-50-000	7.3	60	0.14	3.0	6	13	48	14100	M	1300	4.6	M	M
MOCT032S1	29-36.8707-90.6936-4-50-000	8.2	42	0.60	2.9	7	13	24	13400	650	1100	3.4	3100	30
MOCT033S1	29-36.8520-90.7309-4-50-000	8.4	30	0.15	3.7	5	12	56	15800	M	2400	4.7	M	10
MOCT034S1	29-36.8205-90.7238-4-50-000	7.3	61	0.20	2.6	6	12	95	13900	280	1000	3.0	2700	30
MOCT035S1	29-36.8422-90.7664-4-50-000	6.6	29	0.15	4.0	11	M	83	39500	880	700	7.8	M	80
MOCT036S1	29-36.8843-90.7739-4-50-000	7.4	35	0.15	2.6	5	10	41	14000	390	1200	3.3	2500	30
MOCT037S1	29-36.9112-90.7612-4-50-000	7.6	20	0.10	2.1	4	5	12	18200	420	500	2.6	M	30
MOCT038S1	29-36.8464-90.8294-4-50-000	M	M	M	4.2	9	9	43	21700	530	1600	6.3	4600	60
MOCT039S1	29-36.8435-90.8721-4-50-000	M	M	M	3.1	6	1	36	25000	570	800	4.4	M	50
MOCT040S1	29-36.8509-90.9053-4-50-000	8.0	320	3.80	1.1	5	5	-20	7300	400	200	0.8	500	10
MOCT041S1	29-37.0092-90.9210-4-50-000	M	M	M	1.4	3	4	12	8100	570	600	1.6	1300	20
MOCT042S1	29-37.0353-90.9212-4-50-000	7.7	260	2.60	2.0	3	4	62	22000	1030	900	3.6	2300	20
MOCT043S1	29-37.0102-90.9910-4-50-000	M	M	M	1.7	3	2	24	14600	400	300	3.6	1100	30
MOCT044S1	29-36.9769-90.9760-4-50-000	M	M	M	1.5	2	3	-31	8800	620	700	1.7	1300	20
MOCT045S1	29-36.9203-90.9681-4-50-000	M	M	M	2.5	4	7	41	16600	820	900	4.2	M	40
MOCT046S1	29-36.8876-90.9221-4-50-000	M	M	M	3.3	7	7	58	10900	350	1700	4.2	3300	40
MOCT047S1	29-36.8697-91.0044-4-50-000	M	M	M	3.0	6	8	52	12700	1740	800	4.2	M	30
MOCT048S1	29-36.8629-91.1168-4-50-000	M	M	M	2.2	4	5	23	9100	1080	800	2.1	M	20
MOCT049S1	29-36.8908-91.1425-4-50-000	M	M	M	2.1	2	8	-37	12900	M	800	2.0	M	20
MOCT050S1	29-36.8579-91.1936-4-50-000	7.7	70	0.40	3.0	7	8	48	19100	M	1300	1.8	M	60
MOCT051S1	29-36.9171-91.1822-4-50-000	M	M	M	1.0	2	4	-20	5300	M	200	0.8	M	M
MOCT052S1	29-37.0942-90.9963-4-50-000	7.3	290	3.60	2.2	4	4	46	12000	420	800	3.2	1400	30
MOCT053S1	29-37.0099-91.0701-4-50-000	7.8	430	4.20	1.6	3	4	43	16800	1050	300	2.2	1300	30
MOCT054S1	29-37.0522-91.0726-4-50-000	8.0	340	3.60	2.1	4	6	30	8600	780	700	2.3	2100	30

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOC1055S1	29-37.0782-91.0647-4-50-000	8.3	380	4.80	1.0	-2	4	-71	8600	370	400	1.6	700	20
MOC1056S1	29-36.9882-91.1031-4-50-000	7.7	390	4.00	1.6	2	M	41	7900	1370	800	2.4	2600	30
MOC1057S1	29-37.0642-91.2139-4-50-000	7.6	270	2.40	2.4	4	9	28	10300	180	400	0.8	1600	20
MOC1058S1	29-37.0355-91.1215-4-50-000	M	M	M	2.5	6	9	71	18700	1120	700	5.2	1800	30
MOC1059S1	29-36.9214-91.1088-4-50-000	M	M	M	1.1	2	3	10	7800	570	200	1.2	700	10
MOC1060S1	29-36.9190-91.0686-4-50-000	M	M	M	2.8	2	7	107	11600	M	700	0.8	1000	30
MOC1061S1	29-36.8976-91.0604-4-50-000	M	M	M	2.0	4	7	8	11100	210	300	2.1	1500	30
MOC1062S1	29-36.8394-90.9526-4-50-000	8.1	410	3.60	1.4	2	4	18	8500	210	500	1.3	1100	20
MOCW001S1	29-37.9207-91.1573-4-50-000	7.8	220	2.10	0.7	3	6	5	-5000	190	1000	1.0	500	10
MOCW002S1	29-37.8760-91.1396-4-50-000	7.5	210	1.90	1.4	6	4	21	12800	410	800	0.8	1300	20
MOCW003S1	29-38.0121-91.4150-4-50-000	7.9	160	1.50	0.8	2	3	7	-5000	150	600	1.0	600	10
MOCW004S1	29-38.0016-91.4777-4-50-000	8.2	150	1.30	1.9	6	7	31	9300	970	1700	2.1	M	40
MOCW005S1	29-38.0586-91.4888-4-50-000	7.8	45	0.12	2.0	6	9	33	11200	640	2000	2.8	1900	30
MOCW006S1	29-38.0634-91.4490-4-50-000	7.4	70	0.36	1.0	2	3	16	7600	350	600	0.7	800	20
MOCW007S1	29-38.0935-91.4947-4-50-000	6.8	35	0.10	0.9	2	3	-20	8600	750	500	1.3	700	20
MOCW008S1	29-38.1192-91.4430-4-50-000	7.2	120	0.70	2.5	6	11	36	13000	540	3300	2.5	2400	40
MOCW009S1	29-38.0822-91.4097-4-50-000	7.8	200	1.10	1.3	1	7	16	-5000	200	1200	0.7	900	10
MOCW010S1	29-38.1166-91.4110-4-50-000	7.6	100	0.40	0.6	2	8	-20	-5000	170	200	0.7	300	10
MOCW011S1	29-38.1477-91.4185-4-50-000	7.4	30	0.16	3.1	10	9	79	22300	990	3900	3.8	3900	70
MOCW012S1	29-38.1695-91.4686-4-50-000	7.3	90	0.58	0.3	4	M	-20	6400	140	100	0.7	200	10
MOCW013S1	29-38.1550-91.5313-4-50-000	7.3	85	0.46	1.1	4	5	16	-5000	190	1100	1.1	700	10
MOCW014S1	29-38.1851-91.5029-4-50-000	6.8	40	0.08	2.1	5	6	40	17100	620	2600	2.4	2000	40
MOCW015S1	29-38.2045-91.4636-4-50-000	7.1	185	1.05	1.0	3	3	29	10600	600	700	1.7	900	20
MOCW016S1	29-38.1801-91.4207-4-50-000	7.5	95	0.55	1.2	3	4	24	9600	760	1200	1.7	1100	30
MOCW017S1	29-38.2031-91.3704-4-50-000	7.6	115	0.65	2.5	6	7	29	16500	620	2200	3.5	2400	40
MOCW018S1	29-38.1875-91.3447-4-50-000	7.5	85	0.55	2.2	6	8	44	11900	770	2200	2.3	1900	40
MOCW019S1	29-38.1927-91.3140-4-50-000	7.5	95	0.60	0.4	1	1	14	-5000	180	300	0.4	400	10
MOCW020S1	29-38.1482-91.3390-4-50-000	7.3	100	0.60	0.8	2	4	21	7100	410	600	1.9	700	20
MOCW021S1	29-38.1214-91.3414-4-50-000	7.5	70	0.35	2.5	9	8	52	16100	720	4200	3.9	3500	50
MOCW022S1	29-38.1178-91.3818-4-50-000	7.3	40	0.25	1.3	3	3	24	10700	290	900	2.8	900	20
MOCW023S1	29-38.0101-91.3156-4-50-000	M	M	M	2.2	7	7	59	13000	710	1600	2.7	2300	30
MOCW024S1	29-37.9853-91.2683-4-50-000	M	M	M	2.3	M	9	M	M	130	500	2.3	300	M
MOCW025S1	29-38.0289-91.2478-4-50-000	M	M	M	3.0	7	11	39	12500	760	2000	4.1	2000	20
MOCW026S1	29-37.9581-91.1349-4-50-000	8.6	240	2.20	1.4	M	5	M	M	20	100	1.1	M	M
MOCW027S1	29-38.0131-91.1086-4-50-000	M	M	M	2.1	8	6	60	23200	880	1600	4.0	2000	30
MOCW028S1	29-37.9931-91.1650-4-50-000	8.2	245	2.10	1.1	6	3	-20	7000	170	500	1.4	800	20
MOCW029S1	29-37.9418-91.2209-4-50-000	8.0	185	1.70	0.6	M	3	-20	9100	270	300	1.1	500	10
MOCW030S1	29-37.9265-91.2595-4-50-000	7.7	170	1.50	1.5	5	10	-20	8300	340	900	2.5	1400	20
MOCW031S1	29-37.9229-91.3174-4-50-000	7.0	50	0.12	2.3	4	8	16	9100	430	1500	2.7	1900	30
MOCW032S1	29-37.9400-91.3308-4-50-000	M	M	M	2.1	6	8	-20	12000	490	2000	1.5	2600	20
MOCW033S1	29-38.0547-91.3328-4-50-000	7.1	90	0.70	0.7	6	2	14	17500	180	200	1.8	400	20
MOCW034S1	29-38.0778-91.3414-4-50-000	7.9	90	0.75	1.4	5	6	25	10200	220	1100	2.0	1000	20
MOCW035S1	29-38.1519-91.2971-4-50-000	7.7	50	0.24	1.0	M	5	24	12800	160	700	0.9	700	10
MOCW036S1	29-38.1658-91.2474-4-50-000	7.3	385	1.40	1.0	3	5	18	8900	230	900	1.2	800	20
MOCW037S1	29-38.1993-91.2471-4-50-000	8.1	95	0.60	1.6	4	5	26	20000	420	700	1.6	700	20
MOCW038S1	29-37.9538-91.3779-4-50-000	7.7	80	0.65	2.9	11	10	-20	-5000	440	2200	3.7	2600	40
MOCW039S1	29-37.9300-91.3874-4-50-000	M	M	M	M	7	8	35	18600	560	2400	5.4	3700	60
MOCW040S1	29-37.9441-91.4159-4-50-000	M	M	M	2.5	8	13	53	16700	680	2200	2.1	2200	30
MOCW041S1	29-37.9529-91.4474-4-50-000	7.7	120	1.30	1.2	3	4	10	6300	490	800	1.2	1000	20
MOCW042S1	29-37.9010-91.3567-4-50-000	M	M	M	2.2	7	8	20	14400	160	600	3.0	1900	50
MOCW043S1	29-37.8508-91.3478-4-50-000	8.2	110	1.20	2.0	4	8	12	10000	210	900	2.3	1100	20
MOCW044S1	29-37.8637-91.3739-4-50-000	7.6	110	1.10	1.4	3	4	18	8900	350	1000	1.5	1100	30
MOCW045S1	29-37.8839-91.4130-4-50-000	M	M	M	1.2	2	2	-20	5800	120	200	0.4	300	10
MOCW046S1	29- - -4-50-000	8.6	140	1.50	1.6	4	10	35	5700	500	1100	2.7	1500	20
MOCW047S1	29-37.9200-91.4956-4-50-000	M	M	M	3.6	9	13	45	20200	340	1600	9.2	3600	50

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
MOCW048S1	29-37.9003-91.4775-4-50-000	7.9	150	1.50	1.6	3	8	12	-5000	210	700	1.3	900	10	
MOCW049S1	29-37.8865-91.5049-4-50-000	8.2	180	1.80	1.6	4	10	-20	6600	120	600	2.2	600	10	
MOCW050S1	29-37.8512-91.5075-4-50-000	M	M	M	3.3	M	6	M	M	930	2400	7.1	3800	100	
MOCW051S1	29-37.8438-91.4841-4-50-000	8.0	170	1.90	1.3	3	5	-20	12900	610	700	1.0	700	20	
MOCW052S1	29-37.8101-91.5046-4-50-000	M	M	M	5.5	7	5	31	22700	150	200	11.6	900	30	
MOCW053S1	29-37.8435-91.4227-4-50-000	8.1	130	1.30	1.2	4	5	16	13000	360	500	1.4	900	30	
MOCW054S1	29-37.8006-91.3949-4-50-000	M	M	M	3.8	12	8	73	16100	610	2700	7.5	4500	60	
MOCW055S1	29-37.7212-91.2078-4-50-000	8.1	285	3.00	1.3	M	1	16	16900	140	200	1.2	600	20	
MOCW056S1	29-37.8387-91.2681-4-50-000	M	M	M	1.2	M	7	-20	10300	180	300	1.9	700	20	
MOCW057S1	29-37.7525-91.2070-4-50-000	M	M	M	4.0	8	7	61	21500	810	2500	6.0	2800	60	
MOCW058S1	29-37.8774-91.2652-4-50-000	M	M	M	0.8	4	6	-20	11400	170	500	1.2	600	20	
MOCW059S1	29-37.8896-91.3101-4-50-000	M	M	M	2.1	M	9	-20	8800	400	1200	2.5	2400	30	
MOCW060S1	29-37.8682-91.2385-4-50-000	M	M	M	0.8	3	2	-23	12100	100	300	1.8	700	20	
MOCW061S1	29-37.8851-91.2175-4-50-000	M	M	M	2.1	4	10	37	-5000	710	1400	2.2	1800	30	
MOCW062S1	29-38.1797-91.1407-4-50-000	M	M	M	3.9	4	12	50	12500	570	2100	5.3	M	20	
MOCW063S1	29-38.1506-91.1394-4-50-000	M	M	M	2.8	6	11	27	11300	380	3000	6.1	2400	40	
MOCW064S1	29-38.1471-91.1652-4-50-000	M	M	M	3.4	6	12	48	20700	930	2500	7.0	900	40	
MOCW065S1	29-38.1231-91.2007-4-50-000	8.1	260	2.20	1.2	M	6	M	M	290	1100	1.3	800	10	
MOCW066S1	29-38.1152-91.1667-4-50-000	8.0	280	2.50	1.3	M	6	M	M	310	1100	1.5	1000	20	
MOCW067S1	29-38.0745-91.1414-4-50-000	M	M	M	2.0	6	10	15	5500	770	M	2.3	200	10	
MOCW068S1	29-38.0829-91.1011-4-50-000	M	M	M	2.4	M	12	M	M	230	600	3.2	600	10	
MOCW069S1	29-38.0802-91.2125-4-50-000	M	M	M	1.0	5	5	15	7100	150	600	2.0	800	10	
MOCW070S1	29-38.0722-91.2655-4-50-000	M	M	M	1.8	M	9	-20	7800	640	1300	2.4	1700	20	
MOCW071S1	29-38.1148-91.2939-4-50-000	M	M	M	3.0	6	12	45	9900	1030	3200	2.8	3300	50	
MOCW072S1	29-38.1029-91.2484-4-50-000	M	M	M	1.2	5	8	21	5600	660	900	1.2	1000	20	
MOCW073S1	29-37.8410-91.1144-4-50-000	8.2	275	2.80	2.6	7	4	39	24700	1040	1500	3.1	2000	50	
MOCW074S1	29-37.8163-91.1382-4-50-000	8.1	270	2.70	1.5	2	2	-20	-5000	210	100	1.3	M	M	
MOCW075S1	29-37.8466-91.1754-4-50-000	8.1	280	2.60	2.3	7	8	30	15800	1050	1000	2.7	1900	30	
MOCW076S1	29-37.8338-91.2242-4-50-000	M	M	M	3.2	6	9	31	15700	480	800	5.3	1100	50	
MOCW077S1	29-37.7775-91.1296-4-50-000	M	M	M	2.9	6	9	39	19000	3000	1500	4.4	4400	40	
MODN001S1	29-37.6544-91.5308-4-50-000	6.3	175	1.30	2.7	6	18	33	14700	530	2100	3.0	2200	20	
MODN002S1	29-37.6973-91.5689-4-50-000	7.9	190	2.10	1.4	6	12	11	7100	240	900	2.2	1100	10	
MODN003S1	29-37.7250-91.5939-4-50-000	M	M	M	3.4	5	12	38	24100	480	900	2.0	1600	30	
MODN004S1	29-37.7387-91.5493-4-50-000	7.9	120	1.10	2.2	5	13	37	13200	540	1400	1.8	2600	20	
MODN005S1	29-37.7544-91.5493-4-50-000	7.5	75	0.70	2.4	4	14	24	15100	380	1400	2.2	1800	20	
MODN006S1	29-37.7827-91.5538-4-50-000	8.5	100	0.95	2.9	9	14	38	14900	610	2200	3.2	2500	30	
MODN007S1	29-37.7754-91.6039-4-50-000	M	M	M	2.5	10	10	38	14100	590	1500	4.4	2600	30	
MODN008S1	29-37.7381-91.6128-4-50-000	8.4	160	1.70	3.4	10	21	31	13200	560	2300	3.5	2800	30	
MODN009S1	29-37.7522-91.6780-4-50-000	M	M	M	3.2	7	9	51	16500	610	3000	4.6	3700	40	
MODN010S1	29-37.7062-91.6070-4-50-000	8.7	180	1.90	2.6	11	12	38	13400	710	2600	3.4	2300	30	
MODN011S1	29-37.7151-91.6430-4-50-000	6.6	65	0.40	1.7	5	9	29	11100	330	1100	1.4	1200	20	
MODN012S1	29-37.7570-91.7230-4-50-000	M	M	M	3.1	9	9	54	20200	670	3800	6.9	3900	60	
MODN013S1	29-37.7770-91.7084-4-50-000	M	M	M	2.4	5	9	43	11100	440	1700	3.3	2100	20	
MODN014S1	29-37.7821-91.7875-4-50-000	9.1	130	1.30	1.5	4	8	21	9900	450	1100	1.6	1500	20	
MODN015S1	29-37.7323-91.7487-4-50-000	M	M	M	3.2	10	15	54	15900	280	2700	4.3	2900	30	
MODN016S1	29-37.7209-91.7841-4-50-000	M	M	M	1.8	5	12	20	11400	590	1000	1.5	1600	20	
MODN017S1	29-37.6988-91.7803-4-50-000	M	M	M	3.3	8	11	55	17700	1030	2200	3.6	3000	30	
MODN018S1	29-37.6932-91.7106-4-50-000	8.0	75	0.42	3.9	15	12	77	27600	570	2700	6.5	4000	50	
MODN019S1	29-37.6830-91.6782-4-50-000	6.9	45	0.16	1.7	4	13	18	5300	220	1100	1.9	1200	20	
MODN020S1	29-37.6702-91.6399-4-50-000	8.2	145	1.70	1.1	5	10	19	9800	310	500	1.5	600	10	
MODN021S1	29-37.6368-91.6291-4-50-000	M	M	M	3.0	9	11	48	17800	990	2600	4.2	2800	30	
MODN022S1	29-37.6229-91.6575-4-50-000	7.8	90	0.55	2.3	6	9	38	15200	730	1600	3.0	2300	30	
MODN023S1	29-37.6504-91.6726-4-50-000	8.1	150	1.80	0.8	2	3	9	5700	120	400	0.9	600	10	
MODN024S1	29-37.6335-91.7086-4-50-000	8.2	160	2.40	0.8	2	7	-20	5300	100	300	0.8	700	10	
MODN025S1	29-37.6546-91.7848-4-50-000	7.5	55	0.42	3.2	12	12	46	16600	250	2000	6.2	2700	40	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MODN026S1	29-37.6772-91.8019-4-50-000	6.5	40	0.24	1.9	4	9	23	8500	460	1100	2.8	1500	20
MODN027S1	29-37.6081-91.7550-4-50-000	5.7	40	0.20	2.6	7	13	28	12900	180	1700	2.1	2200	30
MODN028S1	29-37.7193-91.4529-4-50-000	8.2	155	2.00	1.9	5	10	34	10300	360	1100	1.6	1400	20
MODN029S1	29-37.7055-91.4734-4-50-000	8.1	110	1.30	1.3	4	10	15	7000	330	500	1.2	800	10
MODN030S1	29-37.7516-91.4540-4-50-000	8.2	180	2.50	3.3	11	10	61	20800	740	2100	6.1	3100	60
MODN031S1	29-37.7148-91.3291-4-50-000	8.4	160	2.40	1.8	5	10	39	15900	510	700	2.0	1300	20
MODN032S1	29-37.7374-91.4159-4-50-000	8.4	185	2.80	2.0	5	7	32	18400	490	800	2.7	2100	40
MODN033S1	29-37.7869-91.4046-4-50-000	M	M	M	4.0	12	11	72	24500	650	3700	8.4	3600	50
MODN034S1	29-37.7711-91.3694-4-50-000	8.5	155	2.20	1.7	3	7	22	14800	330	800	2.8	1000	20
MODN035S1	29-37.7557-91.3329-4-50-000	8.4	140	2.10	3.8	11	11	73	18300	550	2300	6.9	2800	40
MODN036S1	29-37.6359-91.4810-4-50-000	8.6	30	0.10	1.2	3	8	11	15200	170	400	1.1	900	20
MODN037S1	29-37.6260-91.4441-4-50-000	M	M	M	3.7	13	13	60	19500	1000	2500	5.7	3200	40
MODN038S1	29-37.6665-91.4409-4-50-000	7.6	120	1.70	3.3	9	18	65	15000	490	2500	3.1	3300	30
MODN039S1	29-37.6902-91.4256-4-50-000	8.2	160	2.70	3.7	12	15	69	20300	630	2400	3.2	3500	40
MODN040S1	29-37.6173-91.4125-4-50-000	M	M	M	3.1	6	14	42	15400	1200	1800	3.4	4200	40
MODN041S1	29-37.6615-91.3749-4-50-000	8.2	190	2.80	1.9	6	7	42	16900	730	1000	4.6	1400	30
MODN042S1	29-37.6463-91.3525-4-50-000	8.1	120	1.90	2.6	7	9	51	26100	960	1500	3.6	1900	50
MODN043S1	29-37.6029-91.1770-4-50-000	8.1	160	2.40	1.9	4	13	30	13200	380	800	2.4	1300	30
MODN044S1	29-37.5955-91.2083-4-50-000	8.2	100	1.20	2.1	5	8	31	12700	380	1000	2.6	1700	20
MODN045S1	29-37.6382-91.1846-4-50-000	7.9	235	3.90	1.2	3	4	12	12900	340	400	1.4	500	20
MODN046S1	29-37.6607-91.1880-4-50-000	8.2	230	3.30	2.0	5	5	36	17600	1010	800	3.3	1400	40
MODN047S1	29-37.6285-91.2255-4-50-000	8.4	150	2.00	1.9	4	10	21	9700	330	900	2.3	1200	20
MODN048S1	29-37.6463-91.2583-4-50-000	8.3	220	3.10	2.0	6	7	36	15900	700	800	2.8	1600	40
MODN049S1	29-37.6973-91.2085-4-50-000	8.4	210	2.60	1.1	3	3	14	13400	280	300	0.6	600	20
MODN050S1	29-37.6033-91.2577-4-50-000	8.5	85	1.00	1.8	3	8	22	13900	650	400	1.8	1300	20
MODN051S1	29-37.6008-91.3381-4-50-000	8.1	80	0.95	2.0	6	9	30	18100	670	1000	1.7	1400	20
MODN052S1	29-37.5970-91.3636-4-50-000	7.8	125	1.80	2.2	7	9	48	15700	530	1100	3.7	1900	30
MODN053S1	29-37.5660-91.3740-4-50-000	M	M	M	2.7	5	12	49	20800	930	1300	4.3	2200	30
MODN054S1	29-37.5622-91.4166-4-50-000	M	M	M	3.9	15	9	48	47600	410	1100	9.1	5200	90
MODN055S1	29-37.6068-91.4627-4-50-000	M	M	M	3.6	13	12	67	21000	990	3200	6.1	3200	50
MODN056S1	29-37.5850-91.4893-4-50-000	M	M	M	3.9	8	10	54	24200	530	2400	5.4	3900	50
MODN057S1	29-37.5563-91.4801-4-50-000	M	M	M	3.2	9	14	60	19200	920	1800	6.9	3600	50
MODN058S1	29-37.5292-91.4450-4-50-000	M	M	M	3.4	7	65	40	18000	750	1200	3.6	2000	30
MODN059S1	29-37.5187-91.3643-4-50-000	8.4	25	0.06	2.4	5	13	32	17600	800	1100	2.5	1700	30
MODN060S1	29-37.5264-91.4948-4-50-000	M	M	M	4.0	15	16	76	27900	680	3400	7.2	3900	50
MODN061S1	29-37.5402-91.5256-4-50-000	M	M	M	3.7	13	16	41	17100	400	2300	3.4	3600	40
MODN062S1	29-37.4530-91.6189-4-50-000	6.7	180	3.00	1.4	3	6	33	7100	310	700	1.7	900	20
MODN063S1	29-37.4256-91.6066-4-50-000	8.2	300	4.10	1.9	4	6	23	18000	650	900	1.8	1300	20
MODN064S1	29-37.4281-91.5736-4-50-000	M	M	M	3.9	10	16	60	15400	260	3200	5.2	4300	40
MODN065S1	29-37.5038-91.5608-4-50-000	M	M	M	3.2	17	14	64	18900	1060	2000	5.1	3100	50
MODN066S1	29-37.4992-91.5274-4-50-000	M	M	M	1.1	-1	4	-20	8400	360	400	1.0	900	10
MODN067S1	29-37.5163-91.4657-4-50-000	M	M	M	4.9	9	21	96	33800	2190	2200	6.0	4900	70
MODN068S1	29-37.4929-91.4508-4-50-000	M	M	M	3.6	10	15	63	23200	1050	1600	4.8	3800	50
MODN069S1	29-37.4487-91.4294-4-50-000	8.7	110	1.30	2.7	9	11	60	14200	1030	1500	3.6	2400	30
MODN070S1	29-37.4263-91.4075-4-50-000	8.4	210	3.30	1.0	2	2	12	14500	420	200	1.2	500	20
MODN071S1	29-37.4538-91.3803-4-50-000	8.7	125	1.90	2.4	5	12	45	15300	970	600	3.7	1800	30
MODN072S1	29-37.4284-91.3431-4-50-000	8.3	90	1.20	1.9	5	8	32	16500	640	500	2.5	1100	20
MODN073S1	29-37.4398-91.3097-4-50-000	8.3	160	2.40	0.8	M	4	9	8400	360	200	1.0	500	10
MODN074S1	29-37.4190-91.3057-4-50-000	8.4	160	2.50	1.2	2	7	13	5600	160	400	1.5	800	10
MODN075S1	29-37.4188-91.2841-4-50-000	8.4	170	2.50	1.4	M	8	19	8800	440	500	1.1	700	10
MODN076S1	29-37.4677-91.2532-4-50-000	8.4	135	1.90	1.4	5	7	42	11700	610	600	2.0	900	20
MODN077S1	29-37.6356-91.5926-4-50-000	6.8	70	0.50	2.0	3	16	31	12100	400	900	2.0	1500	30
MODN078S1	29-37.6122-91.6176-4-50-000	7.2	100	0.65	3.7	9	19	48	11700	920	2500	4.5	3100	30
MODN079S1	29-37.5972-91.5910-4-50-000	7.3	70	0.45	2.5	8	14	47	12600	670	900	2.4	1800	20
MODN080S1	29-37.5520-91.6435-4-50-000	7.4	70	0.45	3.1	5	19	34	12300	690	1900	2.8	2200	30

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MODN081S1	29-37.5369-91.6613-4-50-000	M	M	M	3.3	11	11	50	22000	540	1500	5.0	2800	40
MODN082S1	29-37.5520-91.5497-4-50-000	7.3	50	0.30	2.8	6	17	33	10400	670	1500	2.7	2000	30
MODN083S1	29-37.6099-91.5434-4-50-000	M	M	M	3.2	8	14	48	11500	800	2500	3.1	2900	30
MODN084S1	29-37.5777-91.6732-4-50-000	M	M	M	3.6	9	15	67	14500	1220	2400	3.9	3200	50
MODN085S1	29-37.5900-91.6974-4-50-000	M	M	M	1.2	-2	5	-23	25000	590	500	1.5	1000	20
MODN086S1	29-37.5834-91.7445-4-50-000	7.4	40	0.16	3.7	13	12	66	19400	440	2200	4.9	3500	60
MODN087S1	29-37.5589-91.7470-4-50-000	7.2	60	0.45	4.1	11	13	77	23500	1060	2400	6.5	3700	50
MODN088S1	29-37.5309-91.7364-4-50-000	7.2	90	0.45	1.3	4	8	11	6700	310	600	0.8	1100	10
MODN089S1	29-37.4926-91.6976-4-50-000	M	M	M	2.8	8	12	49	11200	870	1900	3.8	2600	40
MODN090S1	29-37.4881-91.7361-4-50-000	7.8	135	1.90	2.1	3	14	34	10100	420	1500	1.8	1700	20
MODN091S1	29-37.4573-91.6974-4-50-000	8.1	150	2.00	2.9	5	12	35	15100	740	1800	3.3	2300	30
MODN092S1	29-37.4281-91.6902-4-50-000	8.5	180	2.70	0.8	1	5	6	8000	250	200	1.2	500	10
MODU001S1	29-36.2211-89.9553-4-50-000	M	M	M	3.0	9	M	64	38200	860	7200	1.0	3300	100
MODU002S1	29-36.1348-89.9646-4-50-000	M	M	M	4.8	12	6	84	44300	600	4300	13.9	4200	120
MODU003S1	29-36.0134-89.9660-4-50-000	7.9	420	4.40	2.0	6	9	37	16900	M	M	4.4	M	10
MODU004S1	29-36.0477-90.0184-4-50-000	7.7	250	2.20	2.3	6	4	43	17300	430	9000	1.1	3300	100
MODU005S1	29-36.0754-90.0616-4-50-000	M	M	M	3.3	9	M	57	36500	M	M	9.9	M	M
MODU006S1	29-36.1013-90.0411-4-50-000	M	M	M	2.3	11	12	53	19300	340	8000	5.1	3200	50
MODU007S1	29-36.1967-90.1197-4-50-000	7.3	270	2.40	1.9	5	6	72	19000	M	M	4.5	M	10
MODU008S1	29-36.1823-90.1550-4-50-000	M	M	M	4.4	12	5	74	27600	780	6300	9.3	4300	90
MODU009S1	29-36.1858-90.1911-4-50-000	7.9	290	2.30	3.3	15	M	95	32800	1520	13200	6.4	8600	100
MODU010S1	29-36.1659-90.1811-4-50-000	M	M	M	1.6	6	3	53	86200	8360	7400	6.7	M	30
MODU011S1	29-36.1355-90.2122-4-50-000	M	M	M	2.5	9	4	44	46200	1200	6300	7.5	3700	90
MODU012S1	29-36.0975-90.2451-4-50-000	7.5	340	3.20	7.1	27	22	180	91400	4290	23500	17.4	11300	260
MODU013S1	29-36.0695-90.2985-4-50-000	7.7	300	2.90	5.0	27	14	138	79400	1530	38800	11.1	6700	140
MODU014S1	29-36.0415-90.3224-4-50-000	7.9	300	2.70	5.6	26	26	186	104900	2710	35100	7.9	8700	140
MODU015S1	29-36.0437-90.2095-4-50-000	7.8	300	2.60	5.3	33	23	173	133400	3430	25500	10.0	7400	140
MODU016S1	29-36.0626-90.2161-4-50-000	7.7	300	2.50	5.4	25	19	148	138700	4450	25600	12.7	8900	190
MODU017S1	29-36.0931-90.2045-4-50-000	8.0	270	2.30	5.7	19	24	133	84700	2510	28700	11.0	7700	130
MODU018S1	29-36.0924-90.1093-4-50-000	M	M	M	8.6	21	17	137	46500	2930	28500	13.3	11300	200
MODU019S1	29-36.0626-90.1283-4-50-000	M	M	M	3.7	7	2	68	23300	M	M	5.2	M	M
MODU020S1	29-36.0711-90.0303-4-50-000	M	M	M	4.8	10	4	99	44400	740	4100	8.8	3600	140
MODU021S1	29-36.1585-90.0557-4-50-000	M	M	M	7.8	17	17	150	47800	6510	M	8.3	9200	220
MODU022S1	29-36.2532-90.0618-4-50-000	8.2	250	2.10	4.9	22	20	138	66900	6490	M	10.5	M	100
MODU023S1	29-36.2131-90.0532-4-50-000	M	M	M	5.9	18	29	108	25700	5340	M	8.1	M	130
MODU024S1	29-36.1685-89.8989-4-50-000	M	M	M	111.0	12	2	47	29900	460	4200	8.2	3900	120
MODU025S1	29-36.2761-90.0475-4-50-000	M	M	M	7.4	32	12	150	91600	5410	M	13.9	M	180
MODU026S1	29-36.4141-90.0357-4-50-000	M	M	M	3.2	11	6	56	20100	M	M	3.9	M	M
MODU027S1	29-36.4243-90.0630-4-50-000	M	M	M	2.7	5	8	56	15200	900	10000	4.6	2700	30
MODU028S1	29-36.4464-90.0866-4-50-000	5.8	350	0.96	3.2	8	7	66	19000	680	10800	4.1	4800	60
MODU029S1	29-36.4730-90.0393-4-50-000	6.4	175	1.15	5.1	15	16	-24	59900	2080	41000	8.6	8100	130
MODU030S1	29-36.4862-90.0681-4-50-000	M	M	M	8.6	23	46	140	59400	2250	29400	12.2	11900	170
MODU031S1	29-36.5171-90.0012-4-50-000	M	M	M	9.6	20	74	131	49500	2820	24800	12.6	18800	200
MODU032S1	29-36.5161-90.0584-4-50-000	6.8	350	2.80	6.6	17	15	-25	103700	3540	21900	15.8	13700	220
MODU033S1	29-36.5151-90.0305-4-50-000	M	M	M	1.1	6	2	31	11900	700	8400	2.7	1900	30
MODU034S1	29-36.4687-89.9789-4-50-000	M	M	M	2.8	5	9	63	19600	340	8600	2.6	2300	50
MODU035S1	29-36.4500-89.9948-4-50-000	M	M	M	3.5	12	3	54	25400	850	9000	6.7	4300	90
MODU036S1	29-36.3853-89.9998-4-50-000	M	M	M	1.4	11	5	-20	10500	290	8800	4.4	1500	20
MODU037S1	29-36.3519-90.0223-4-50-000	M	M	M	2.1	9	11	-48	13000	260	7800	3.5	2700	30
MODU038S1	29-36.3524-90.0475-4-50-000	M	M	M	1.7	5	10	-20	8900	270	5000	3.6	2200	30
MODU039S1	29-36.3273-90.0161-4-50-000	M	M	M	M	13	5	67	30500	810	6800	8.2	3000	100
MODU040S1	29-36.5767-89.9878-4-50-000	M	M	M	2.9	10	19	55	13100	430	8500	5.6	4000	30
MODU041S1	29-36.5812-90.0430-4-50-000	7.3	410	3.00	2.7	5	8	-20	27500	860	10200	8.1	3700	60
MODU042S1	29-36.6177-90.0180-4-50-000	M	M	M	2.0	4	5	45	10500	610	9200	4.4	3200	60
MODU043S1	29-36.6144-90.0600-4-50-000	M	M	M	3.7	8	13	46	27500	1060	6800	8.9	4000	70

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MODU044S1	29-36.6088-90.0825-4-50-000	M	M	M	3.6	14	27	62	18100	980	5700	4.1	4500	50
MODU045S1	29-36.5925-90.1016-4-50-000	M	M	M	M	5	10	-20	14600	490	9100	8.0	4500	50
MODU046S1	29-36.5881-90.0788-4-50-000	M	M	M	2.6	10	9	47	9000	610	9700	3.1	4600	60
MODU047S1	29-36.5496-90.0461-4-50-000	M	M	M	3.5	8	13	44	13600	600	6900	5.6	3300	40
MODU048S1	29-36.5556-90.0688-4-50-000	M	M	M	2.3	9	13	31	20500	1160	6400	3.8	3800	60
MODU049S1	29-36.5535-90.1011-4-50-000	M	M	M	3.2	7	16	73	17300	790	9400	4.4	4700	70
MODU050S1	29-36.5746-90.1524-4-50-000	7.7	190	1.20	2.9	9	16	50	13600	350	7500	5.0	3700	50
MODU051S1	29-36.5591-90.1531-4-50-000	8.0	250	2.30	2.4	10	8	26	23400	1110	6500	4.1	3500	70
MODU052S1	29-36.5158-90.1186-4-50-000	M	M	M	3.4	6	12	61	21200	590	8900	7.3	4800	80
MODU053S1	29-36.5096-90.1384-4-50-000	M	M	M	2.9	9	11	82	16900	670	8700	5.5	4300	60
MODU054S1	29-36.5253-90.1734-4-50-000	M	M	M	2.8	10	4	-28	23900	1240	7300	4.7	5000	100
MODU055S1	29-36.5217-90.0775-4-50-000	M	M	M	3.7	6	13	-20	16500	1380	6800	10.2	3600	70
MODU056S1	29-36.4876-90.1093-4-50-000	M	M	M	2.8	10	8	58	27200	720	8400	4.5	4500	60
MODU057S1	29-36.2684-89.9664-4-50-000	M	M	M	3.8	14	4	59	25900	710	5000	5.9	4100	150
MODU058S1	29-36.2820-89.9862-4-50-000	M	M	M	2.7	8	5	57	23800	910	7400	7.3	3200	90
MODU059S1	29-36.3141-90.0511-4-50-000	M	M	M	1.9	5	9	40	9900	470	5900	3.6	2200	30
MOHL001S1	29-37.0009-91.8530-4-50-000	7.3	50	0.30	1.8	3	5	-20	12100	530	400	2.1	M	30
MOHL002S1	29-36.9931-91.8116-4-50-000	7.1	65	0.26	2.4	5	7	-45	16400	M	M	2.1	M	20
MOHL003S1	29-37.0189-91.7422-4-50-000	6.6	50	0.16	2.9	4	10	97	13000	1220	1000	2.8	3200	30
MOHL004S1	29-36.9595-91.7199-4-50-000	6.6	65	0.40	3.3	9	15	-20	12000	M	100	5.1	M	20
MOHL005S1	29-36.9485-91.7722-4-50-000	6.7	60	0.24	3.0	5	10	52	14600	3030	1600	2.6	5800	40
MOHL006S1	29-36.8802-91.7695-4-50-000	6.3	70	0.12	2.5	4	13	-20	17600	540	1000	3.1	2400	30
MOHL008S1	29-36.7498-91.8766-4-50-000	6.3	65	0.30	3.0	6	M	20	20100	M	800	4.0	M	60
MOHL009S1	29-36.7691-91.7500-4-50-000	6.4	90	0.54	2.7	3	12	24	10400	820	600	3.5	2200	30
MOHL010S1	29-36.7890-91.7844-4-50-000	6.4	105	0.88	2.6	5	6	25	24500	700	600	5.3	2200	70
MOHL011S1	29-36.8042-91.7364-4-50-000	M	M	M	3.2	9	M	95	32700	1650	800	8.1	3400	80
MOHL012S1	29-36.8342-91.8311-4-50-000	6.8	50	0.24	4.0	7	11	50	16400	770	1800	5.2	4600	40
MOHL013S1	29-36.8451-91.8624-4-50-000	7.7	90	0.48	3.7	6	14	61	14400	1160	1500	4.1	3700	40
MOHL014S1	29-36.8197-91.9824-4-50-000	M	M	M	4.7	12	7	70	24000	1210	1200	5.5	M	60
MOHL015S1	29-36.7862-92.0738-4-50-000	7.0	70	0.42	3.6	7	7	33	18500	850	1400	4.5	5300	70
MOHL016S1	29-36.8170-92.0527-4-50-000	M	M	M	3.7	8	8	39	16400	970	1000	4.6	7800	40
MOHL017S1	29-36.8641-92.0492-4-50-000	M	M	M	5.5	11	9	89	28600	290	700	7.5	4300	60
MOHL018S1	29-36.8806-91.9796-4-50-000	M	M	M	3.7	7	9	44	13900	1090	1500	3.0	M	40
MOHL019S1	29-36.9188-91.8948-4-50-000	M	M	M	3.8	8	6	42	22900	1200	1000	4.5	3900	70
MOHL020S1	29-36.9366-91.8947-4-50-000	7.0	130	1.18	4.0	7	12	54	12400	990	2200	4.6	M	40
MOHL021S1	29-36.9346-91.9954-4-50-000	6.7	90	1.10	2.7	4	8	45	13600	390	700	0.8	2300	30
MOHL022S1	29-36.9834-92.0113-4-50-000	6.9	280	2.30	2.5	4	5	38	13300	1130	900	2.7	2400	50
MOHL023S1	29-37.0232-92.0501-4-50-000	7.5	315	3.20	2.3	M	3	22	14200	1830	400	2.5	900	30
MOHL024S1	29-37.0463-91.9593-4-50-000	7.0	90	0.60	1.0	2	4	28	7200	470	300	1.4	1000	10
MOHL025S1	29-36.6570-91.9879-4-50-000	7.6	210	2.20	2.8	6	7	50	13800	800	1200	3.6	M	40
MOHL026S1	29-36.7699-91.9659-4-50-000	7.3	90	1.00	2.4	6	6	-20	15300	780	800	4.3	2400	20
MOHL027S1	29-36.7187-92.0368-4-50-000	7.3	160	1.70	3.0	6	1	41	12400	750	1100	3.3	4600	30
MOHL028S1	29-36.6989-91.9996-4-50-000	7.0	260	2.60	2.8	8	10	39	12800	730	1200	1.9	3600	40
MOHL029S1	29-36.6363-92.0524-4-50-000	7.4	700	5.40	3.7	9	7	38	16900	410	1200	4.7	2400	50
MOHL030S1	29-36.5689-92.0699-4-50-000	7.7	330	3.70	1.7	6	4	16	13900	500	500	2.6	1300	30
MOHL031S1	29-36.5136-92.0897-4-50-000	7.4	470	4.90	1.3	-1	M	-20	11900	130	300	0.6	M	20
MOHL032S1	29-36.5102-91.9839-4-50-000	7.7	160	1.40	3.0	7	11	38	11600	850	1100	2.9	2800	30
MOHL033S1	29-36.6945-91.9141-4-50-000	7.8	170	1.70	2.4	3	6	12	13300	300	400	2.7	1700	30
MOHL034S1	29-36.6297-91.9285-4-50-000	7.7	70	0.58	3.6	7	8	47	21100	1030	1000	0.6	3500	40
MOHL035S1	29-36.5781-91.9856-4-50-000	7.5	280	2.80	1.9	8	7	43	16000	370	500	2.9	1500	30
MOHL036S1	29-36.5584-91.9380-4-50-000	7.4	250	2.50	2.0	3	5	29	17400	950	600	2.3	M	30
MOHL037S1	29-36.5264-91.9150-4-50-000	7.1	310	2.50	5.2	7	5	-20	23900	150	600	6.1	3400	70
MOHL038S1	29-36.5198-91.8362-4-50-000	M	M	M	1.7	3	M	-20	12900	430	500	3.5	1500	30
MOHL039S1	29-36.5789-91.8214-4-50-000	7.6	300	2.70	3.5	9	10	99	24800	3490	1500	5.1	3400	30
MOHL040S1	29-36.5189-91.7564-4-50-000	7.9	400	4.10	0.9	3	2	-20	5600	M	M	1.6	M	10

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOHL041S1	29-36.6927-91.7337-4-50-000	7.5	70	0.58	2.1	3	5	-20	29700	260	400	2.3	2300	40
MOHL042S1	29-36.6873-91.8449-4-50-000	7.6	135	0.60	3.8	10	9	45	17800	900	2200	5.6	4000	40
MOHL043S1	29-36.6234-91.8184-4-50-000	7.7	110	0.90	2.9	7	11	40	18500	770	600	4.0	M	40
MOHL044S1	29-36.6247-91.7490-4-50-000	M	M	M	1.1	3	2	48	5500	420	300	1.0	1000	10
MOHL045S1	29-36.5590-91.7582-4-50-000	M	M	M	2.4	3	2	19	15200	430	300	2.7	1300	40
MOIR001S1	29-37.5554-90.6393-4-50-000	6.5	130	1.30	1.9	2	4	20	24100	480	200	3.4	600	20
MOIR002S1	29-37.5300-90.6299-4-50-000	7.5	90	1.00	4.0	14	10	97	32200	1320	1700	10.6	3300	60
MOIR003S1	29-37.5062-90.6290-4-50-000	7.3	50	0.42	3.8	15	13	75	33500	1340	2700	7.7	3500	40
MOIR004S1	29-37.5097-90.5829-4-50-000	7.4	170	2.40	2.0	6	15	-20	116300	2040	7600	12.6	34500	420
MOIR005S1	29-37.4811-90.6015-4-50-000	8.1	110	1.20	3.1	8	11	63	41800	1120	1500	7.3	3500	30
MOIR006S1	29-37.4462-90.6310-4-50-000	8.0	40	0.30	3.5	8	16	57	34300	1240	20400	7.1	11500	40
MOIR007S1	29-37.4261-90.6315-4-50-000	7.5	45	0.38	2.3	5	11	41	29700	1010	1200	4.4	3900	50
MOIR008S1	29-37.3781-90.5853-4-50-000	7.5	100	1.20	2.0	6	11	27	18300	700	700	2.5	3300	40
MOIR009S1	29-37.3621-90.5712-4-50-000	7.8	135	1.70	2.1	8	6	41	17900	440	1000	3.1	2000	30
MOIR010S1	29-37.3821-90.6074-4-50-000	8.0	100	1.20	2.7	8	16	33	21100	520	1100	3.5	1500	20
MOIR011S1	29-37.3432-90.6162-4-50-000	8.0	75	0.90	2.2	7	8	40	20300	640	700	3.3	1400	30
MOIR012S1	29-37.3343-90.5772-4-50-000	7.9	110	1.30	1.8	3	8	41	12600	500	900	1.8	1900	20
MOIR013S1	29-37.3002-90.5878-4-50-000	7.9	140	2.00	3.7	16	7	106	52400	1300	1200	11.4	4900	100
MOIR014S1	29-37.2854-90.6211-4-50-000	8.6	180	2.50	3.7	12	18	69	22600	700	3400	6.2	3300	40
MOIR015S1	29-37.2956-90.7084-4-50-000	8.5	60	0.65	3.4	9	7	88	37800	2970	500	7.0	3200	70
MOIR016S1	29-37.2757-90.7408-4-50-000	7.8	90	1.40	3.4	9	11	69	15600	690	2600	5.9	3400	40
MOIR017S1	29-37.3001-90.6567-4-50-000	M	M	M	3.9	11	13	75	34900	1010	1800	9.4	3000	60
MOIR018S1	29-37.3108-90.6690-4-50-000	7.8	165	2.60	2.8	6	7	59	28400	1700	800	6.4	3000	60
MOIR019S1	29-37.3380-90.6880-4-50-000	8.0	160	2.20	2.6	6	16	35	15700	540	800	3.1	1500	20
MOIR020S1	29-37.3637-90.6760-4-50-000	8.3	90	1.20	2.3	7	12	42	19500	1190	600	4.0	1700	30
MOIR021S1	29-37.3663-90.7042-4-50-000	8.0	80	1.20	1.9	3	8	26	13000	530	800	2.3	600	20
MOIR022S1	29-37.3458-90.7318-4-50-000	7.7	40	0.30	1.9	3	11	35	12500	320	400	2.4	900	20
MOIR023S1	29-37.4357-90.7435-4-50-000	8.3	70	1.50	1.9	3	8	23	13400	480	300	2.7	900	20
MOIR024S1	29-37.4407-90.7010-4-50-000	M	M	M	3.8	9	13	49	25200	680	1500	7.0	3600	60
MOIR025S1	29-37.4705-90.6742-4-50-000	8.1	100	1.50	2.8	8	14	37	26300	470	1200	3.3	2400	20
MOIR026S1	29-37.4848-90.7298-4-50-000	8.2	60	0.75	3.5	8	14	75	49700	1490	2900	7.8	10200	80
MOIR027S1	29-37.4674-90.7681-4-50-000	8.1	55	0.70	2.1	6	8	37	14500	970	800	3.7	2000	30
MOIR028S1	29-37.4982-90.6977-4-50-000	7.8	110	1.40	4.4	9	10	74	34900	1410	1700	9.0	4600	70
MOIR029S1	29-37.5204-90.7508-4-50-000	8.2	80	0.95	3.6	13	15	66	38800	680	1300	7.5	4900	60
MOIR030S1	29-37.5395-90.6873-4-50-000	8.0	70	0.90	4.0	14	13	83	22400	850	2800	6.3	4300	40
MOIR031S1	29-37.6021-90.7292-4-50-000	8.0	75	0.85	2.7	9	8	71	30400	920	1100	3.9	2100	20
MOIR032S1	29-37.5999-90.6977-4-50-000	8.0	60	0.85	3.2	8	9	74	46000	1260	3800	6.2	4000	50
MOIR033S1	29-37.5761-90.5788-4-50-000	7.9	120	1.50	3.8	9	10	66	29300	1430	2300	6.5	3100	40
MOIR034S1	29-37.5384-90.5529-4-50-000	8.3	65	0.65	4.2	14	17	74	47900	1160	2800	8.1	13200	90
MOIR035S1	29-37.6098-90.5547-4-50-000	7.9	30	0.06	3.8	11	15	75	15400	880	3300	5.4	3200	30
MOIR036S1	29-37.6066-90.6031-4-50-000	7.5	40	0.30	4.3	12	13	69	41400	880	5100	6.8	4400	30
MOIR037S1	29-37.6308-90.6200-4-50-000	7.4	140	1.20	8.3	19	11	153	59600	2030	6100	8.6	4000	60
MOIR038S1	29-37.6902-90.6630-4-50-000	8.0	140	1.10	7.4	38	26	91	26000	2750	8800	3.5	6400	50
MOIR039S1	29-37.7255-90.6668-4-50-000	8.3	35	0.24	3.4	10	13	65	21700	390	2700	3.8	3800	50
MOIR040S1	29-37.7080-90.7251-4-50-000	8.3	200	2.30	3.0	9	16	72	34800	3230	1700	4.2	2900	40
MOIR041S1	29-37.6698-90.7208-4-50-000	8.3	220	2.70	4.5	15	9	85	45800	2930	2900	8.7	4300	80
MOIR042S1	29-37.6563-90.6949-4-50-000	8.3	200	0.95	5.3	21	12	110	37300	2000	3800	8.7	5700	70
MOIR043S1	29-37.6214-90.7537-4-50-000	8.4	150	1.10	2.9	9	15	41	29000	1680	700	4.1	1900	30
MOIR044S1	29-37.7377-90.7609-4-50-000	8.4	250	2.90	3.1	13	16	75	31100	4650	3200	7.1	3900	60
MOIR045S1	29-37.7190-90.8052-4-50-000	8.3	200	2.10	3.0	10	12	71	34900	1290	4300	4.5	3800	40
MOIR046S1	29-37.6994-90.8422-4-50-000	8.3	230	2.50	1.7	7	4	25	18700	390	600	3.4	1200	20
MOIR047S1	29-37.7039-90.9153-4-50-000	8.2	140	1.90	2.2	5	8	23	17600	240	800	2.6	1100	20
MOIR048S1	29-37.7289-90.9252-4-50-000	8.2	120	1.50	1.6	6	3	23	10600	340	400	2.7	800	20
MOIR049S1	29-37.6878-91.0522-4-50-000	8.1	75	0.65	2.0	4	5	48	12900	770	500	4.3	1100	40
MOIR050S1	29-37.7100-91.0394-4-50-000	7.8	135	1.50	1.9	3	7	25	11900	490	600	2.8	1400	30

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOMC068S1	29-36.5672-94.2677-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOMC069S1	29-36.6145-94.2424-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOMC070S1	29-36.5785-94.1733-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOMC071S1	29-36.5484-94.1355-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOMC072S1	29-36.5119-94.1359-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOMC073S1	29-36.5592-94.2499-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOMC074S1	29-36.5182-94.2745-4-50-000	8.1	290	2.80	M	M	M	M	M	M	M	M	M	M
MOMC075S1	29-36.5054-94.2431-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOMC076S1	29-36.5125-94.2150-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOMD001S1	29-37.3609-90.4162-4-50-000	8.8	220	2.10	1.7	3	8	29	12900	300	700	2.4	1400	30
MOMD002S1	29-37.4101-90.4676-4-50-000	8.4	130	1.20	2.5	8	9	57	30500	1240	1300	6.0	1800	40
MOMD003S1	29-37.3812-90.4987-4-50-000	8.1	180	1.60	1.9	5	6	40	24400	1090	600	3.2	1300	30
MOMD004S1	29-37.3840-90.5194-4-50-000	M	M	M	2.0	5	8	43	18800	730	400	3.5	1500	20
MOMD005S1	29-37.3944-90.5400-4-50-000	8.0	160	1.50	2.5	5	10	56	21900	1540	1200	4.1	2300	40
MOMD006S1	29-37.3487-90.5332-4-50-000	7.9	120	1.20	2.5	5	7	56	31600	1230	700	4.7	2000	40
MOMD007S1	29-37.3379-90.4930-4-50-000	7.9	310	3.10	2.9	9	10	52	24500	1070	2300	6.2	4200	50
MOMD008S1	29-37.3515-90.3692-4-50-000	M	M	M	2.7	8	6	56	23300	800	1700	6.9	2600	40
MOMD009S1	29-37.3670-90.3649-4-50-000	8.3	130	1.30	2.1	3	15	23	13300	390	600	3.2	1200	20
MOMD010S1	29-37.6155-90.5019-4-50-000	8.0	100	0.30	14.6	38	35	29	38100	650	11800	12.4	7700	70
MOMD011S1	29-37.5862-90.5075-4-50-000	8.0	135	0.90	5.0	13	21	41	41500	650	3100	7.9	6000	60
MOMD012S1	29-37.5476-90.5046-4-50-000	8.0	50	0.24	2.9	7	9	55	42200	1410	2700	8.5	8800	120
MOMD013S1	29-37.5528-90.4642-4-50-000	7.6	140	0.95	1.7	4	14	-20	220100	3100	7300	29.5	81700	570
MOMD014S1	29-37.5625-90.4184-4-50-000	7.8	85	0.42	4.2	12	24	32	28900	460	2300	5.5	10100	60
MOMD015S1	29-37.5732-90.3839-4-50-000	8.0	150	1.10	2.6	6	19	-20	128000	2210	6100	19.1	45100	430
MOMD016S1	29-37.5760-90.4001-4-50-000	8.0	60	0.28	4.3	13	21	57	38100	630	3100	7.0	11800	80
MOMD017S1	29-37.5865-90.4376-4-50-000	7.6	120	0.75	8.6	38	36	110	176800	3360	5700	22.8	83000	500
MOMD018S1	29-37.6188-90.4191-4-50-000	M	M	M	5.6	18	20	61	20000	860	3600	6.0	4500	40
MOMD019S1	29-37.6335-90.3839-4-50-000	7.6	80	0.34	4.6	9	18	61	26500	340	4500	5.8	3400	50
MOMD020S1	29-37.5402-90.3573-4-50-000	9.1	300	2.80	3.0	6	11	57	31400	1660	2300	5.1	2700	30
MOMD021S1	29-37.5284-90.3805-4-50-000	8.5	310	2.70	3.4	9	9	81	36200	2830	3300	9.8	17100	110
MOMD022S1	29-37.4968-90.4698-4-50-000	8.3	60	0.30	4.6	17	13	99	38100	1070	3800	8.8	4000	30
MOMD023S1	29-37.4499-90.5368-4-50-000	8.1	200	1.80	2.8	7	11	26	38200	950	1500	4.9	7600	60
MOMD024S1	29-37.4572-90.5045-4-50-000	M	M	M	4.0	14	14	80	28500	500	4200	9.8	4500	40
MOMD025S1	29-37.4472-90.4331-4-50-000	8.1	180	1.70	3.3	13	8	73	58900	1830	5700	9.6	8200	110
MOMD026S1	29-37.4947-90.3878-4-50-000	8.1	210	1.90	2.2	7	7	57	27600	1640	900	4.5	1600	20
MOMD027S1	29-37.5047-90.3607-4-50-000	8.0	150	1.60	4.2	13	12	64	29200	2030	1800	8.6	4000	40
MOMD028S1	29-37.5384-90.3161-4-50-000	8.2	255	2.40	2.1	6	6	13	39500	3860	25800	3.4	5300	30
MOMD029S1	29-37.5115-90.3127-4-50-000	8.2	220	2.20	2.8	8	10	51	29000	1970	1700	4.6	2000	60
MOMD030S1	29-37.4690-90.3002-4-50-000	7.9	50	0.26	2.9	6	20	73	27500	350	700	5.3	2100	40
MOMD031S1	29-37.3999-90.2782-4-50-000	6.7	30	0.08	2.5	6	7	46	17200	560	1100	3.8	2200	30
MOMD032S1	29-37.3533-90.2860-4-50-000	M	M	M	3.7	11	15	67	24600	420	2400	5.3	4300	60
MOMD033S1	29-37.3237-90.3133-4-50-000	6.9	85	0.80	2.4	10	8	50	17300	650	1200	3.0	1800	20
MOMD034S1	29-37.3993-90.2436-4-50-000	7.8	110	1.10	1.8	5	6	32	12600	480	1100	3.4	M	20
MOMD035S1	29-37.3880-90.2170-4-50-000	7.8	110	1.30	1.8	3	7	37	15700	910	700	3.2	1200	30
MOMD036S1	29-37.3531-90.2134-4-50-000	7.9	215	2.40	2.0	4	8	54	15500	810	1100	2.6	2000	30
MOMD037S1	29-37.3272-90.2285-4-50-000	8.2	225	2.40	3.5	10	16	53	37500	300	1400	7.3	3500	60
MOMD038S1	29-37.3386-90.1954-4-50-000	M	M	M	3.5	11	5	56	41200	850	1200	6.8	5100	80
MOMD039S1	29-37.3645-90.1546-4-50-000	8.5	80	0.75	2.4	7	11	36	20600	670	1000	3.3	1800	30
MOMD040S1	29-37.3929-90.1589-4-50-000	7.9	160	1.70	1.7	3	4	26	15900	840	500	1.7	2600	30
MOMD041S1	29-37.4475-90.2306-4-50-000	8.4	135	1.30	2.2	6	9	57	25000	820	1000	4.4	1800	30
MOMD042S1	29-37.5000-90.1992-4-50-000	8.3	200	2.10	2.5	10	13	46	14200	640	1900	3.7	2500	30
MOMD043S1	29-37.4811-90.1760-4-50-000	8.2	230	2.30	3.8	10	14	70	15200	900	2900	4.6	4100	40
MOMD044S1	29-37.5353-90.1785-4-50-000	8.4	250	2.40	1.5	4	3	43	16700	1050	2000	4.1	1300	30
MOMD045S1	29-37.5720-90.2287-4-50-000	8.2	140	1.20	6.1	11	20	58	36500	740	1200	5.6	2100	40
MOMD046S1	29-37.5783-90.1634-4-50-000	8.2	130	1.20	3.5	7	14	54	25900	1000	2400	5.4	3000	40

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DCE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
MOMD047S1	29-37.6053-90.1830-4-50-000	8.0	90	0.75	3.1	11	10	68	41700	410	2300	6.0	2400	50	
MOMD048S1	29-37.5918-90.2581-4-50-000	8.1	320	2.40	2.5	5	9	46	22100	800	1400	3.6	2000	40	
MOMD049S1	29-37.5826-90.2643-4-50-000	8.3	310	2.50	1.4	4	4	17	43600	4430	24900	1.3	900	10	
MOMD050S1	29-37.6199-90.2858-4-50-000	8.2	270	2.20	3.0	4	12	49	49200	6910	1500	2.6	3000	50	
MOMD051S1	29-37.5384-90.2536-4-50-000	8.3	170	1.80	3.7	6	18	40	20700	1110	1000	2.3	1600	20	
MOMD052S1	29-37.4174-90.3997-4-50-000	8.4	90	0.85	3.5	12	8	63	34900	2600	3000	5.7	5900	70	
MOMD053S1	29-37.4505-90.2953-4-50-000	8.0	155	1.40	2.5	8	10	36	22200	890	800	3.8	2000	30	
MOMD054S1	29-37.4175-90.3318-4-50-000	M	M	M	2.0	3	6	31	19300	460	400	3.5	900	20	
MOMD055S1	29-37.4297-90.3061-4-50-000	8.1	120	1.10	3.6	7	35	66	22400	720	1400	4.8	3700	40	
MOMS001S1	29-36.8053-89.4475-4-50-000	8.6	195	1.60	2.1	17	M	93	26100	730	10100	6.4	4100	40	
MOMS002S1	29-36.8374-89.4681-4-50-000	8.3	190	1.30	2.4	9	18	107	20200	380	7600	3.8	5100	40	
MOMS003S1	29-36.8651-89.4836-4-50-000	8.4	195	1.50	2.5	9	18	77	18800	2890	9600	5.3	M	50	
MOMS004S1	29-36.8498-89.4448-4-50-000	8.3	120	1.50	1.8	5	8	30	10400	270	7900	3.2	2600	30	
MOMS005S1	29-36.8497-89.4177-4-50-000	8.2	110	1.60	1.2	3	M	21	11000	810	9200	2.1	2000	20	
MOMS006S1	29-36.8218-89.3761-4-50-000	8.0	180	1.70	1.1	5	4	38	13900	900	15700	2.6	3300	30	
MOMS007S1	29-36.8216-89.3253-4-50-000	M	M	M	3.4	11	7	70	31700	950	6600	10.3	1700	100	
MOMS008S1	29-36.8209-89.3015-4-50-000	M	M	M	4.0	12	3	83	33200	1570	5100	11.1	6100	200	
MOMS009S1	29-36.8223-89.2544-4-50-000	7.5	290	3.00	2.9	9	2	60	48300	1160	5100	5.0	M	110	
MOMS010S1	29-36.8515-89.2060-4-50-000	7.7	220	2.00	3.1	9	M	-20	39100	640	5000	14.5	3800	100	
MOMS011S1	29-36.8518-89.2386-4-50-000	M	M	M	3.0	9	4	105	28100	830	6400	9.6	3400	90	
MOMS012S1	29-36.8497-89.2819-4-50-000	7.8	250	2.10	1.8	8	6	22	21600	360	7900	5.7	3100	40	
MOMS013S1	29-36.8501-89.3624-4-50-000	7.7	190	1.60	2.9	15	17	108	28800	420	10300	5.7	M	70	
MOMS014S1	29-36.8784-89.3474-4-50-000	8.7	300	1.50	1.8	4	6	25	17500	1370	7900	1.5	2700	40	
MOMS015S1	29-36.9110-89.2999-4-50-000	M	M	M	2.9	9	6	37	23400	500	6400	8.3	M	80	
MOMS016S1	29-36.9230-89.3994-4-50-000	M	M	M	1.5	8	10	51	16300	210	8400	3.9	2200	20	
MOMS017S1	29-36.8934-89.4063-4-50-000	8.0	115	1.50	1.6	4	5	35	8700	250	10900	2.9	M	30	
MOMS018S1	29-36.8718-89.4111-4-50-000	8.7	160	1.40	2.3	11	16	46	16200	300	8900	4.4	4000	30	
MOMS019S1	29-36.8944-89.2042-4-50-000	M	M	M	2.9	10	4	59	31400	690	7900	9.5	5500	140	
MOMS020S1	29-36.9658-89.2042-4-50-000	M	M	M	2.9	8	2	53	26100	430	5800	8.5	M	80	
MOMS021S1	29-36.9811-89.2415-4-50-000	7.9	315	2.00	2.9	10	5	53	26400	730	10000	8.1	4300	110	
MOMS022S1	29-37.0352-89.2493-4-50-000	M	M	M	2.7	8	6	48	20600	630	8800	3.9	3100	60	
MOMS023S1	29-37.0064-89.2461-4-50-000	7.4	550	5.20	2.4	11	8	59	21000	M	7500	5.5	M	30	
MOMS024S1	29-36.9811-89.3296-4-50-000	M	M	M	3.0	9	4	46	29400	430	6000	9.9	3000	90	
MOMS025S1	29-36.9728-89.3768-4-50-000	7.9	220	1.90	6.8	6	4	45	21900	390	7200	1.9	3300	70	
MOMS026S1	29-36.7634-89.3691-4-50-000	8.0	280	1.70	1.9	6	6	35	17200	1050	13900	4.5	3300	60	
MOMS027S1	29-36.7844-89.4208-4-50-000	8.3	180	1.30	1.7	7	9	74	16900	400	10800	4.3	M	30	
MOMS028S1	29-36.7311-89.3917-4-50-000	7.8	225	1.70	2.3	5	5	39	20400	1730	11400	5.9	4800	90	
MOMS029S1	29-36.6763-89.3280-4-50-000	7.8	320	2.50	2.4	M	M	M	M	600	11100	M	4000	90	
MOMS030S1	29-36.6567-89.2749-4-50-000	8.5	400	3.50	2.9	11	9	58	30100	1080	9800	8.5	5100	110	
MOMS031S1	29-36.7914-89.3666-4-50-000	7.5	190	1.50	1.4	5	6	31	12900	M	8600	3.2	M	M	
MOMS032S1	29-36.7923-89.3299-4-50-000	7.9	235	2.10	1.6	4	5	28	13500	M	10600	2.7	1900	M	
MOMS033S1	29-36.7996-89.2270-4-50-000	8.1	210	0.28	3.3	9	4	44	34100	850	5900	11.8	5000	150	
MOMS034S1	29-36.7614-89.1510-4-50-000	M	M	M	2.8	9	M	72	40900	M	4500	13.0	3400	90	
MOMS035S1	29-36.7623-89.2078-4-50-000	M	M	M	3.0	9	1	66	25900	380	4400	9.8	3400	100	
MOMS036S1	29-36.6844-89.2078-4-50-000	9.9	340	3.40	2.6	9	3	31	23700	900	8200	7.7	5000	140	
MOMS037S1	29-36.7081-89.2397-4-50-000	8.2	370	3.50	2.3	9	5	52	29000	510	6900	8.2	3500	80	
MOMS038S1	29-36.7631-89.3353-4-50-000	8.0	255	2.00	3.3	16	30	95	34100	2150	13100	7.7	7500	100	
MONE001S1	29-36.6022-89.6455-4-50-000	M	M	M	3.8	15	M	76	47700	420	4600	14.1	3600	90	
MONE002S1	29-36.5430-89.6256-4-50-000	M	M	M	3.3	7	M	44	17900	760	8400	6.9	3500	100	
MONE003S1	29-36.5039-89.6426-4-50-000	7.6	550	2.30	2.4	7	9	51	17500	560	5900	5.6	3300	50	
MONE004S1	29-36.4859-89.6137-4-50-000	7.6	370	1.20	89.3	9	8	33	13000	M	1200	4.8	M	M	
MONE005S1	29-36.4116-89.6432-4-50-000	M	M	M	2.3	5	6	32	16400	520	7000	5.1	2900	50	
MONE006S1	29-36.4149-89.5874-4-50-000	M	M	M	3.5	13	8	155	40800	690	4500	13.7	3900	100	
MONE007S1	29-36.3815-89.5664-4-50-000	M	M	M	2.1	6	4	48	18800	M	1000	5.3	M	M	
MONE008S1	29-36.4630-89.6136-4-50-000	9.1	320	1.90	2.4	8	M	40	18800	370	7800	6.1	3500	60	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MONW062S1	29-36.7621-94.2890-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MONW063S1	29-36.7886-94.2612-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MONW064S1	29-36.8131-94.2268-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MONW065S1	29-36.7733-94.2098-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MONW066S1	29-36.7670-94.1522-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MONW067S1	29-36.7577-94.1001-4-50-000	6.7	241	1.50	M	M	M	M	M	M	M	M	M	M
MONW068S1	29-36.9341-94.3755-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MONW069S1	29-36.9635-94.3677-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MONW070S1	29-36.9802-94.4126-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MONW071S1	29-36.9340-94.4403-4-50-000	7.4	270	3.10	M	M	M	M	M	M	M	M	M	M
MONW072S1	29-36.9415-94.4708-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MONW073S1	29-37.0015-94.5025-4-50-000	7.5	280	2.60	M	M	M	M	M	M	M	M	M	M
MONW074S1	29-37.0093-94.5266-4-50-000	7.8	265	2.60	M	M	M	M	M	M	M	M	M	M
MONW075S1	29-36.9498-94.6146-4-50-000	7.7	160	1.50	M	M	M	M	M	M	M	M	M	M
MONW076S1	29-36.9837-94.6135-4-50-000	7.4	240	2.00	M	M	M	M	M	M	M	M	M	M
MONW077S1	29-36.9613-94.5489-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOOR001S1	29-36.6518-91.3671-4-50-000	M	M	M	2.1	5	5	36	14500	1270	800	3.3	M	40
MOOR002S1	29-36.5945-91.3674-4-50-000	M	M	M	1.8	3	5	29	10300	1000	900	1.4	2000	20
MOOR003S1	29-36.5751-91.3186-4-50-000	8.2	382	4.60	2.3	4	10	30	8700	430	1400	3.2	2500	30
MOOR004S1	29-36.5383-91.3685-4-50-000	M	M	M	3.1	8	9	88	18000	820	1100	5.3	3700	40
MOOR005S1	29-36.5123-91.2796-4-50-000	7.6	461	4.70	1.9	4	5	55	16400	1900	800	2.6	M	30
MOOR006S1	29-36.6317-91.2091-4-50-000	7.4	295	1.90	1.9	4	6	117	21000	M	700	2.9	M	M
MOOR007S1	29-36.6645-91.2766-4-50-000	M	M	M	2.8	6	6	20	18800	M	600	4.4	M	50
MOOR008S1	29-36.7293-91.2157-4-50-000	M	M	M	3.3	6	2	27	17700	740	600	2.9	1800	30
MOOR009S1	29-36.7317-91.3304-4-50-000	M	M	M	4.9	10	6	36	31300	1180	600	5.8	M	60
MOOR010S1	29-36.7552-91.3735-4-50-000	M	M	M	3.3	8	14	85	19800	910	1000	4.4	3700	40
MOOR011S1	29-36.8687-91.3445-4-50-000	M	M	M	2.7	4	9	24	7100	610	900	1.9	4200	30
MOOR012S1	29-36.8693-91.2905-4-50-000	M	M	M	1.7	5	7	19	29600	680	500	2.6	1100	20
MOOR013S1	29-36.5534-91.2077-4-50-000	8.1	280	2.60	3.6	3	M	-20	-5000	740	800	M	2700	90
MOOR014S1	29-36.5417-91.1421-4-50-000	8.0	400	3.80	1.4	2	4	15	11600	290	400	1.3	1000	20
MOOR015S1	29-36.6590-91.1599-4-50-000	7.8	230	2.00	2.0	4	7	34	13400	680	600	2.4	1700	20
MOOR016S1	29-36.6062-91.1467-4-50-000	8.0	340	3.20	2.8	6	5	84	27100	1440	700	5.1	2000	60
MOOR017S1	29-36.7497-91.1197-4-50-000	M	M	M	4.4	7	3	41	33500	2000	400	4.7	2700	70
MOOR018S1	29-36.7758-91.1466-4-50-000	M	M	M	1.0	2	1	-29	7400	140	200	0.9	700	20
MOOR019S1	29-36.7914-91.2239-4-50-000	M	M	M	2.3	3	6	38	16600	590	500	2.2	1900	30
MOOR020S1	29-36.7907-91.2723-4-50-000	7.8	300	2.60	1.9	3	3	26	12000	590	600	2.5	1400	20
MOOR021S1	29-36.8177-91.3662-4-50-000	8.2	288	2.40	1.0	1	4	-41	5300	80	300	0.8	700	10
MOOR022S1	29-36.6833-91.2176-4-50-000	M	M	M	1.7	3	8	12	6800	160	400	1.2	1300	10
MOOR023S1	29-36.7932-91.5213-4-50-000	M	M	M	1.4	4	3	22	10600	1170	700	2.1	1600	20
MOOR024S1	29-36.8567-91.5308-4-50-000	M	M	M	4.0	6	9	38	16200	900	1300	5.0	4500	50
MOOR025S1	29-36.7361-91.4586-4-50-000	M	M	M	3.2	4	10	-20	21600	1170	1100	5.1	3600	50
MOOR026S1	29-36.7504-91.5404-4-50-000	M	M	M	1.1	2	3	-23	11200	220	300	1.5	1200	20
MOOR027S1	29-36.7468-91.5657-4-50-000	7.8	340	2.90	2.3	4	4	-20	60500	330	500	2.7	M	30
MOOR028S1	29-36.7018-91.5441-4-50-000	M	M	M	3.0	5	M	29	29500	330	600	3.8	2300	40
MOOR029S1	29-36.5322-91.6114-4-50-000	7.4	390	4.40	1.8	4	3	54	13200	220	800	3.0	1800	40
MOOR030S1	29-36.6239-91.6248-4-50-000	7.3	60	0.30	3.4	8	8	41	17000	840	800	1.3	M	40
MOOR031S1	29-36.6472-91.6015-4-50-000	M	M	M	1.5	3	5	14	15900	670	300	0.8	1300	20
MOOR032S1	29-36.6278-91.5509-4-50-000	7.8	450	3.20	3.6	7	5	54	15800	1090	1700	5.7	M	50
MOOR033S1	29-36.5709-91.5311-4-50-000	M	M	M	3.0	9	4	48	32600	660	800	9.2	3200	90
MOOR034S1	29-36.5261-91.4406-4-50-000	M	M	M	2.9	6	4	86	24800	740	700	8.2	1900	70
MOOR035S1	29-36.6140-91.4551-4-50-000	M	M	M	1.5	-1	6	19	8600	660	700	2.1	1600	10
MOOR036S1	29-36.6635-91.4442-4-50-000	M	M	M	2.2	4	8	30	19000	1520	700	1.7	M	40
MOOR037S1	29-36.7871-91.5872-4-50-000	7.7	270	2.60	1.2	M	6	15	8100	190	300	1.2	800	10
MOOR038S1	29-36.8349-91.4540-4-50-000	7.1	300	3.00	2.8	5	8	66	13300	660	1300	4.1	M	40
MOPE001S1	29-36.2514-89.9353-4-50-000	M	M	M	2.6	10	10	83	19200	370	8100	6.7	M	60

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOPE002S1	29-36.2713-89.9032-4-50-000	M	M	M	4.1	10	3	60	38600	390	2800	11.3	3700	110
MOPE003S1	29-36.2753-89.8791-4-50-000	M	M	M	3.7	6	5	50	27800	700	6700	8.9	2700	90
MOPE004S1	29-36.3033-89.9101-4-50-000	M	M	M	3.0	5	4	49	17300	570	6600	5.9	3100	70
MOPE005S1	29-36.2941-89.8817-4-50-000	M	M	M	3.0	7	8	54	24000	580	6200	7.9	M	80
MOPE006S1	29-36.3328-89.8672-4-50-000	M	M	M	4.2	11	3	85	47600	670	4400	13.8	3600	110
MOPE007S1	29-36.3890-89.9118-4-50-000	M	M	M	2.8	5	4	63	17800	470	6500	5.4	900	70
MOPE008S1	29-36.3357-89.7158-4-50-000	M	M	M	2.2	6	7	35	18200	M	8900	4.6	M	M
MOPE009S1	29-36.3031-89.7699-4-50-000	M	M	M	3.1	8	6	45	22500	710	9500	7.0	3800	100
MOPE010S1	29-36.2768-89.7861-4-50-000	M	M	M	2.9	8	6	50	20700	M	8100	6.5	M	60
MOPE011S1	29-36.2679-89.7427-4-50-000	M	M	M	2.9	6	M	-20	19800	430	7100	6.6	M	70
MOPE012S1	29-36.2222-89.8361-4-50-000	M	M	M	3.3	8	4	49	21400	830	8000	6.4	3300	100
MOPE013S1	29-36.2375-89.8862-4-50-000	M	M	M	3.3	7	6	67	23600	1060	12100	8.0	15500	160
MOPE014S1	29-36.2217-89.9082-4-50-000	M	M	M	4.0	6	4	44	24600	410	5100	7.8	M	90
MOPE015S1	29-36.1783-89.9391-4-50-000	M	M	M	3.5	10	6	79	27700	540	9100	3.3	3800	100
MOPE016S1	29-36.1771-89.8892-4-50-000	M	M	M	3.4	10	9	71	22800	M	7400	7.0	2400	80
MOPE017S1	29-36.1761-89.8632-4-50-000	M	M	M	3.1	8	2	58	31900	1260	6800	10.1	4000	120
MOPE018S1	29-36.1471-89.8634-4-50-000	M	M	M	2.8	7	9	43	20700	430	5900	6.7	2600	70
MOPE019S1	29-36.1473-89.8902-4-50-000	M	M	M	3.7	8	M	100	27600	890	6800	8.7	3300	120
MOPE020S1	29-36.1119-89.9272-4-50-000	M	M	M	3.1	8	5	56	19400	480	6900	7.2	M	70
MOPE021S1	29-36.0775-89.9300-4-50-000	M	M	M	3.1	8	5	48	18300	560	8200	6.6	M	90
MOPE022S1	29-36.0182-89.9296-4-50-000	7.8	470	6.80	3.8	10	M	88	35800	490	3800	12.3	4000	110
MOPE023S1	29-36.0521-89.9066-4-50-000	8.0	210	1.90	3.1	9	M	63	38900	1150	5000	10.4	3700	110
MOPE024S1	29-36.0125-89.8307-4-50-000	8.1	390	3.80	2.8	6	5	41	19500	390	7900	5.8	2900	60
MOPE025S1	29-36.0217-89.7875-4-50-000	M	M	M	2.7	5	10	50	18100	650	10000	5.6	4300	90
MOPE026S1	29-36.0246-89.7439-4-50-000	M	M	M	1.9	5	6	23	12800	290	13300	3.7	2800	50
MOPE027S1	29-36.0469-89.7695-4-50-000	M	M	M	2.1	7	5	46	28600	480	10700	8.2	3700	80
MOPE028S1	29-36.2062-89.8019-4-50-000	M	M	M	3.8	12	1	91	37200	490	6400	12.1	3100	100
MOPE029S1	29-36.1784-89.8178-4-50-000	7.8	480	5.20	2.3	7	M	59	44000	860	6700	7.9	3900	110
MOPE030S1	29-36.1781-89.7796-4-50-000	M	M	M	2.2	7	M	30	16000	390	8500	4.8	2400	50
MOPE031S1	29-36.1783-89.7443-4-50-000	M	M	M	2.4	7	M	37	17900	390	7100	2.9	2700	60
MOPE032S1	29-36.3726-89.7666-4-50-000	M	M	M	2.9	10	7	65	38800	410	5500	9.6	M	100
MOPE033S1	29-36.3492-89.8200-4-50-000	7.8	300	2.80	2.4	7	M	76	44800	610	5800	9.7	3200	70
MOPE034S1	29-36.1441-89.7898-4-50-000	M	M	M	2.7	8	4	43	25600	490	6800	8.0	M	90
MOPE035S1	29-36.1028-89.8812-4-50-000	M	M	M	2.7	7	5	64	52800	1500	6500	8.1	3300	120
MOPE036S1	29-36.0833-89.8608-4-50-000	M	M	M	2.5	8	11	65	23200	460	10400	5.2	M	50
MOPE037S1	29-36.1098-89.7991-4-50-000	M	M	M	2.4	6	5	53	15800	360	7300	5.2	2600	50
MOPE038S1	29-36.1199-89.7713-4-50-000	7.8	425	4.30	2.2	6	2	45	26300	M	10800	5.2	1900	80
MOPE039S1	29-36.0901-89.7841-4-50-000	8.0	440	4.80	2.4	10	4	32	34800	590	6800	7.6	2700	80
MOPE040S1	29-36.0915-89.6999-4-50-000	8.4	370	2.80	2.5	8	4	66	37500	690	5600	9.3	M	100
MOPE041S1	29-36.3092-89.6591-4-50-000	M	M	M	2.8	7	9	69	25900	600	6900	7.7	M	70
MOPE042S1	29-36.3550-89.6667-4-50-000	8.2	230	2.10	2.5	14	10	104	31300	640	11100	9.4	4100	100
MOPE043S1	29-36.3820-89.6610-4-50-000	M	M	M	2.6	7	4	42	23000	840	9300	6.7	3900	90
MOPH001S1	29-37.9532-91.5279-4-50-000	M	M	M	3.3	11	9	58	14800	650	3000	4.5	3300	60
MOPH002S1	29-37.9173-91.5505-4-50-000	M	M	M	1.8	4	10	31	8500	890	1400	1.0	1700	20
MOPH003S1	29-37.8816-91.5556-4-50-000	M	M	M	2.7	8	10	54	18100	830	1800	2.8	2500	40
MOPH004S1	29-37.9144-91.5992-4-50-000	M	M	M	1.2	4	5	14	8300	240	600	1.6	1000	20
MOPH005S1	29-37.9183-91.6373-4-50-000	M	M	M	1.9	5	7	29	9400	440	1600	2.1	1900	30
MOPH006S1	29-37.9492-91.6106-4-50-000	M	M	M	0.7	2	3	14	5700	150	600	0.7	600	10
MOPH007S1	29-37.9678-91.6081-4-50-000	M	M	M	2.4	10	10	45	18900	1230	1900	2.2	3200	40
MOPH008S1	29-37.9879-91.5438-4-50-000	7.5	115	0.80	0.8	3	4	6	5100	130	400	1.0	400	10
MOPH009S1	29-37.9925-91.5657-4-50-000	7.4	125	1.10	1.1	4	5	14	6500	190	1000	1.4	900	20
MOPH010S1	29-37.8859-91.8763-4-50-000	M	M	M	1.9	6	7	35	17700	600	2000	2.2	2200	40
MOPH011S1	29-37.9176-91.9295-4-50-000	8.0	185	2.30	0.8	4	5	9	-5000	150	600	0.8	500	10
MOPH012S1	29-37.8926-91.9377-4-50-000	7.9	180	2.30	1.1	3	4	9	5100	300	900	1.4	800	20
MOPH013S1	29-37.8708-91.9277-4-50-000	8.0	215	2.20	0.9	3	4	8	6600	350	900	0.5	700	10

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
MOPH014S1	29-37.8499-91.9482-4-50-000	8.0	200	2.30	2.1	4	7	38	12400	670	1600	3.1	1900	30	
MOPH015S1	29-37.8002-91.9442-4-50-000	M	M	M	2.2	6	8	32	8700	560	1600	1.3	2200	20	
MOPH016S1	29-37.7622-91.9241-4-50-000	M	M	M	1.5	3	6	14	9900	490	800	1.0	1100	20	
MOPH017S1	29-37.7250-91.9018-4-50-000	M	M	M	2.8	8	12	31	12200	810	2000	2.3	2400	30	
MOPH018S1	29-37.7074-91.9585-4-50-000	M	M	M	1.6	5	6	39	15700	1070	1200	2.4	1900	30	
MOPH019S1	29-37.7219-91.9972-4-50-000	8.1	230	2.50	0.9	2	4	11	-5000	120	500	0.8	600	10	
MOPH020S1	29-37.6455-92.0166-4-50-000	M	M	M	0.8	2	3	-20	-5000	150	300	1.1	500	10	
MOPH021S1	29-37.6243-91.9248-4-50-000	M	M	M	1.1	2	3	18	8300	470	600	1.0	900	10	
MOPH022S1	29-37.6125-91.8366-4-50-000	M	M	M	1.5	4	5	14	7600	280	900	2.1	1400	30	
MOPH023S1	29-37.6389-91.8133-4-50-000	M	M	M	1.1	3	5	11	6000	80	400	1.1	900	20	
MOPH024S1	29-37.6372-91.8383-4-50-000	M	M	M	0.9	4	3	10	-5000	410	600	0.9	1000	20	
MOPH025S1	29-37.6622-91.8489-4-50-000	M	M	M	1.0	3	4	12	6100	140	500	0.8	700	10	
MOPH026S1	29-37.6673-91.8935-4-50-000	M	M	M	1.5	5	5	21	9300	290	800	2.1	1900	30	
MOPH027S1	29-37.6956-91.8790-4-50-000	M	M	M	2.6	8	7	51	27500	410	900	1.9	2500	60	
MOPH028S1	29-37.6966-91.8274-4-50-000	M	M	M	2.5	7	10	43	6800	1050	1300	2.3	2200	30	
MOPH029S1	29-37.7289-91.8210-4-50-000	M	M	M	1.4	4	8	24	6900	340	1100	0.6	900	10	
MOPH030S1	29-37.7654-91.8745-4-50-000	M	M	M	1.9	4	7	16	8900	550	1600	1.0	1600	30	
MOPH031S1	29-37.7903-91.8623-4-50-000	M	M	M	1.2	4	6	14	6300	200	900	1.0	800	20	
MOPH032S1	29-37.7890-91.8279-4-50-000	M	M	M	0.4	M	2	M	7900	100	200	0.4	300	M	
MOPH033S1	29-37.7791-92.0181-4-50-000	M	M	M	2.8	15	8	77	23800	980	3800	4.9	4400	90	
MOPH034S1	29-37.8335-92.0029-4-50-000	M	M	M	3.0	11	11	48	14900	570	2600	2.8	3800	50	
MOPH035S1	29-37.8811-91.9819-4-50-000	M	M	M	1.4	3	4	27	10600	500	900	1.1	1300	20	
MOPH036S1	29-37.9136-91.9516-4-50-000	M	M	M	2.2	8	9	47	11900	1100	3100	2.2	3600	40	
MOPH037S1	29-37.9394-91.9953-4-50-000	M	M	M	1.7	4	5	32	12900	1120	1400	2.7	1500	30	
MOPH038S1	29-37.9573-91.8991-4-50-000	M	M	M	1.5	5	3	27	18100	270	700	0.9	1100	40	
MOPH039S1	29-37.9743-91.9147-4-50-000	9.6	230	3.30	1.3	2	5	24	7000	570	1200	0.9	1200	20	
MOPH040S1	29-38.0018-91.9319-4-50-000	9.3	180	3.10	1.8	6	6	35	17100	780	1500	3.4	1800	40	
MOPH041S1	29-37.9489-91.8225-4-50-000	M	M	M	1.6	4	4	41	19100	1080	1700	2.0	1700	40	
MOPH042S1	29-37.9833-91.8540-4-50-000	M	M	M	3.8	11	4	39	40300	530	1300	18.9	3800	150	
MOPH043S1	29-38.0056-91.8636-4-50-000	M	M	M	2.8	10	9	41	11800	290	3400	3.1	3500	40	
MOPH044S1	29-38.0407-91.8736-4-50-000	M	M	M	1.6	6	6	30	10400	1130	1800	2.6	1600	40	
MOPH045S1	29-38.0345-91.8247-4-50-000	7.7	200	3.30	1.5	4	8	41	9100	470	1500	1.9	1200	30	
MOPH046S1	29-38.0011-91.8078-4-50-000	M	M	M	1.8	6	7	48	14100	1120	1700	1.4	1800	40	
MOPH047S1	29-38.0077-91.7856-4-50-000	7.4	245	2.80	1.6	6	8	46	17700	680	1500	2.7	1800	30	
MOPH048S1	29-37.9945-91.7752-4-50-000	M	M	M	M	5	9	43	18900	910	1500	5.0	1500	30	
MOPH049S1	29-38.0365-91.7390-4-50-000	7.5	160	2.30	1.3	5	5	31	12900	570	1300	1.8	1000	30	
MOPH050S1	29-38.0090-91.7358-4-50-000	M	M	M	3.1	8	10	50	21900	710	2100	3.7	2700	60	
MOPH051S1	29-37.9924-91.7081-4-50-000	M	M	M	2.5	7	7	31	27200	1300	1700	2.6	2600	70	
MOPH052S1	29-37.9773-91.6602-4-50-000	M	M	M	3.5	10	6	53	38200	470	1900	6.3	3500	80	
MOPH053S1	29-37.9210-91.7651-4-50-000	M	M	M	2.2	8	7	53	33900	1420	1200	3.7	2000	50	
MOPH054S1	29-37.8968-91.8339-4-50-000	M	M	M	1.3	4	5	18	11500	550	1000	1.2	1100	20	
MOPH055S1	29-37.9176-91.7303-4-50-000	M	M	M	3.1	10	8	74	18900	680	4000	3.8	3700	70	
MOPH056S1	29-37.8965-91.6092-4-50-000	M	M	M	0.7	2	4	7	-5000	290	600	0.6	600	10	
MOPH057S1	29-37.8774-91.5983-4-50-000	M	M	M	2.2	6	10	33	8500	700	2400	2.3	2400	30	
MOPH058S1	29-37.8200-91.5398-4-50-000	M	M	M	1.3	6	7	19	12200	290	900	1.8	800	20	
MOPH059S1	29-37.8057-91.5851-4-50-000	M	M	M	1.6	5	5	29	11000	860	2100	1.4	1600	20	
MOPH060S1	29-37.8524-91.6179-4-50-000	M	M	M	1.7	5	6	26	9100	810	2100	1.4	2000	20	
MOPH061S1	29-37.8514-91.6637-4-50-000	M	M	M	0.8	3	4	7	-5000	290	800	0.9	600	10	
MOPH062S1	29-37.8624-91.7142-4-50-000	M	M	M	2.6	9	10	39	13100	800	2200	2.1	2200	40	
MOPH063S1	29-37.7917-91.6827-4-50-000	M	M	M	1.7	5	6	19	11100	460	1400	2.2	1500	20	
MOPH064S1	29-37.8179-91.6972-4-50-000	M	M	M	2.6	10	6	62	33300	880	1900	6.6	2800	80	
MOPH065S1	29-37.8801-91.7919-4-50-000	M	M	M	1.5	4	5	24	7700	430	1200	1.4	1100	20	
MOPH066S1	29-37.8553-91.8100-4-50-000	M	M	M	2.5	5	8	48	8800	790	2400	2.6	2800	40	
MOPH067S1	29-37.8279-91.7957-4-50-000	M	M	M	2.3	7	6	55	25200	760	1500	4.4	2300	50	
MOPH068S1	29-37.9497-91.7184-4-50-000	M	M	M	3.6	10	4	62	43900	580	900	5.7	3800	110	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOPH069S1	29-37.9522-91.6892-4-50-000	M	M	M	2.8	6	9	45	14000	210	2900	2.7	2700	40
MOPH070S1	29-38.0331-91.6478-4-50-000	M	M	M	1.8	5	5	37	12200	500	1600	1.7	1900	30
MOPH071S1	29-38.0408-91.5865-4-50-000	M	M	M	0.9	3	2	21	11500	260	500	1.0	600	20
MOPH072S1	29-38.0674-91.5878-4-50-000	M	M	M	1.6	6	8	27	8700	210	600	3.0	1400	30
MOPH073S1	29-38.1020-91.6153-4-50-000	M	M	M	3.4	11	6	61	17200	800	1700	4.9	2600	60
MOPH074S1	29-38.1080-91.5791-4-50-000	M	M	M	1.2	5	5	10	-5000	220	1100	1.4	900	20
MOPH075S1	29-38.1476-91.5844-4-50-000	8.2	210	3.00	2.7	10	8	44	14200	570	3000	3.0	2300	40
MOPR001S1	29-37.6694-89.8584-4-50-000	7.0	180	1.34	2.2	4	22	29	-5000	540	2600	1.6	800	10
MOPR002S1	29-37.6528-89.9009-4-50-000	7.5	140	0.90	2.8	8	15	61	22400	630	1300	2.5	600	M
MOPR003S1	29-37.6194-89.9016-4-50-000	7.6	160	1.35	3.8	7	17	57	13200	890	2000	3.6	600	M
MOPR004S1	29-37.6403-89.8724-4-50-000	7.8	150	1.30	2.5	5	12	30	19700	980	1700	2.6	300	M
MOPR005S1	29-37.6182-89.8483-4-50-000	7.8	160	1.30	6.1	8	139	33	11700	950	1700	3.5	400	M
MOPR006S1	29-37.6150-89.8088-4-50-000	7.9	280	1.95	3.1	3	65	18	-5000	340	2700	1.8	300	M
MOPR007S1	29-37.6072-89.7311-4-50-000	7.4	380	4.60	3.7	13	21	83	21900	1550	4000	3.6	900	M
MOPR008S1	29-37.6183-89.6574-4-50-000	7.7	290	3.20	1.4	13	18	76	13300	1260	3900	2.7	500	M
MOPR009S1	29-37.6013-89.6253-4-50-000	7.7	320	4.00	3.6	10	24	78	15900	1000	3600	4.1	600	M
MOPR010S1	29-37.5910-89.5912-4-50-000	7.6	250	3.20	3.5	8	17	70	20700	370	2400	2.4	300	M
MOPR011S1	29-37.5925-89.5525-4-50-000	7.1	125	0.58	2.5	8	15	39	11100	340	1900	2.6	M	M
MOPR012S1	29-37.6877-89.9135-4-50-000	7.2	190	2.30	2.4	7	15	32	11300	1190	5400	3.4	800	M
MOPR013S1	29-37.6410-89.9651-4-50-000	7.2	60	0.38	3.1	8	13	53	16800	210	800	3.7	600	M
MOPR014S1	29-37.6164-89.9546-4-50-000	7.2	120	0.95	3.0	8	7	57	29000	M	M	4.9	M	M
MOPR015S1	29-37.6183-90.0552-4-50-000	7.2	120	1.30	2.8	6	7	50	20800	1120	1700	2.1	600	10
MOPR016S1	29-37.6409-90.1105-4-50-000	7.2	80	0.75	1.5	5	7	24	19200	750	2100	2.3	600	10
MOPR017S1	29-37.6419-90.0792-4-50-000	6.9	110	1.00	2.6	9	9	70	20100	1220	1900	5.2	900	10
MOPR018S1	29-37.6662-90.0806-4-50-000	6.9	160	2.30	3.0	8	13	56	15500	840	2700	4.4	400	M
MOPR019S1	29-37.6465-90.0246-4-50-000	7.1	130	1.80	2.1	7	10	31	11600	1570	2200	1.2	500	10
MOPR020S1	29-37.6991-90.0181-4-50-000	M	M	M	1.6	M	4	24	10400	1580	2200	0.8	400	20
MOPR021S1	29-37.6867-89.9863-4-50-000	7.3	180	1.90	1.8	6	9	38	11700	340	900	2.1	200	M
MOPR022S1	29-37.7675-89.9398-4-50-000	7.5	170	2.30	0.9	2	6	10	-5000	780	2600	1.2	400	M
MOPR023S1	29-37.7342-89.9279-4-50-000	7.6	190	2.30	1.9	7	10	37	10900	910	1800	1.9	M	20
MOPR024S1	29-37.7104-89.9417-4-50-000	7.5	210	2.50	1.8	4	6	29	10300	240	900	2.8	200	M
MOPR025S1	29-37.7386-89.9626-4-50-000	7.8	210	2.80	2.1	8	12	37	12300	230	1900	2.1	200	M
MOPR026S1	29-37.7539-90.0246-4-50-000	7.9	210	2.70	2.0	6	12	27	9300	370	2500	1.0	300	M
MOPR027S1	29-37.7651-89.9912-4-50-000	7.9	220	2.80	1.6	3	11	24	9000	580	2200	1.6	400	10
MOPR028S1	29-37.8066-89.9804-4-50-000	7.8	90	0.85	1.0	2	12	10	-5000	300	800	0.7	400	M
MOPR029S1	29-37.8140-89.9315-4-50-000	7.8	180	1.25	3.5	10	25	49	9500	1980	4600	3.5	3600	20
MOPR030S1	29-37.8582-89.9395-4-50-000	7.7	170	1.70	2.6	8	10	43	13100	2320	6100	5.2	M	20
MOPR031S1	29-37.8424-89.8888-4-50-000	7.7	140	1.15	2.8	10	14	67	17100	2440	6700	4.3	M	30
MOPR032S1	29-37.8250-89.8804-4-50-000	7.8	180	1.70	M	M	M	M	M	M	M	M	M	M
MOPR033S1	29-37.8014-89.8982-4-50-000	8.0	180	1.70	3.0	11	16	65	16900	980	6500	2.9	3100	40
MOPR034S1	29-37.7668-89.8131-4-50-000	7.8	210	2.20	2.9	11	12	67	19700	1100	7000	4.8	3100	40
MOPR035S1	29-37.7981-89.8052-4-50-000	7.8	180	2.40	3.4	11	20	66	15800	680	9000	5.1	4000	40
MOPR036S1	29-37.7088-89.8333-4-50-000	7.7	180	1.80	2.0	3	13	31	7000	370	3900	1.5	2300	30
MOPR037S1	29-37.7392-89.7569-4-50-000	7.9	270	3.60	2.7	7	12	76	21300	870	8300	2.9	4200	80
MOPR038S1	29-37.7221-89.7621-4-50-000	8.2	310	3.60	3.1	10	14	68	20900	810	6800	4.2	4200	60
MOPR039S1	29-37.6927-89.7491-4-50-000	8.3	300	3.60	3.3	12	15	77	22900	3390	7200	4.1	5000	60
MOPR040S1	29-37.6629-89.7432-4-50-000	M	M	M	3.1	12	18	59	16200	490	5000	3.9	3100	30
MOPR041S1	29-37.6498-89.7738-4-50-000	M	M	M	2.7	9	11	62	15100	700	7100	4.1	4900	60
MOPR042S1	29-37.6415-89.7169-4-50-000	8.5	320	3.70	3.6	11	23	70	18300	990	6100	2.9	4000	40
MOPR043S1	29-37.6517-89.6655-4-50-000	8.1	260	3.30	3.5	9	19	70	17400	1390	6900	3.4	3900	60
MOPR044S1	29-37.6560-89.6244-4-50-000	8.7	300	3.70	3.3	10	20	59	16400	780	6000	3.2	3100	30
MOPR045S1	29-37.6136-89.5779-4-50-000	8.4	300	4.50	3.0	9	15	59	20100	1640	7600	3.2	4300	60
MOPR046S1	29-37.6448-89.5443-4-50-000	8.3	230	3.10	2.8	11	12	53	16900	680	8300	4.6	3300	60
MOPR047S1	29-37.6644-89.5732-4-50-000	8.4	290	4.10	2.6	10	6	51	26200	980	8800	5.4	3900	100
MOPR048S1	29-37.6777-89.6404-4-50-000	8.4	280	4.00	2.4	10	12	56	19900	550	6700	5.3	3600	50

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
MOPR049S1	29-37.7016-89.6258-4-50-000	8.5	260	4.10	2.4	10	18	71	17100	1080	9600	4.6	3800	50	
MOPR050S1	29-37.7107-89.7095-4-50-000	8.5	270	3.90	3.1	12	18	71	17000	1460	7800	4.5	3800	60	
MOPR051S1	29-37.7026-89.6866-4-50-000	8.1	310	3.80	1.9	7	11	39	10500	1200	4200	2.5	2400	40	
MOPR052S1	29-37.7799-89.7255-4-50-000	7.9	290	3.80	2.5	9	7	50	19100	600	9500	4.5	3600	70	
MOPR053S1	29-37.7979-89.7498-4-50-000	7.9	270	4.10	2.5	8	9	52	24200	570	7200	5.1	4200	70	
MOPR054S1	29-37.8127-89.7805-4-50-000	8.7	180	2.70	2.5	9	7	43	17500	570	9000	5.8	4200	70	
MOPR055S1	29-37.8745-89.8672-4-50-000	8.1	350	6.30	2.7	11	5	65	22900	300	7700	6.0	3000	70	
MOPR056S1	29-37.8533-89.8209-4-50-000	8.4	220	3.00	3.2	13	2	82	41300	610	3000	9.0	3000	120	
MORE001S1	29-37.5501-90.8557-4-50-000	8.2	50	0.40	3.8	14	9	62	36100	520	800	7.3	3000	50	
MORE002S1	29-37.5959-90.8711-4-50-000	7.5	85	0.80	2.4	7	10	37	16800	520	900	4.1	4400	20	
MORE003S1	29-37.5816-90.8098-4-50-000	7.7	55	0.42	3.3	7	7	101	16300	1220	1000	5.8	1700	20	
MORE004S1	29-37.5191-90.8661-4-50-000	7.6	145	1.30	2.0	3	3	37	14800	830	500	3.8	1100	20	
MORE005S1	29-37.4892-90.8876-4-50-000	8.0	150	1.70	1.9	4	8	34	12500	520	400	3.3	1100	20	
MORE006S1	29-37.4513-90.8767-4-50-000	M	M	M	3.0	9	8	56	23300	1610	1300	4.1	2500	40	
MORE007S1	29-37.4618-90.7845-4-50-000	8.1	75	0.75	2.7	7	11	60	27500	680	1100	4.8	2600	40	
MORE008S1	29-37.4688-90.8309-4-50-000	7.7	150	1.60	2.2	5	7	27	16800	890	1100	3.5	1700	30	
MORE009S1	29-37.4935-90.8376-4-50-000	8.0	90	0.95	3.4	9	11	80	28000	360	1300	6.2	3000	40	
MORE010S1	29-37.4043-91.0248-4-50-000	7.9	30	0.06	2.8	8	8	51	26500	960	700	4.8	1700	40	
MORE011S1	29-37.3864-91.0529-4-50-000	6.8	20	0.02	1.6	5	7	24	14500	470	600	2.6	1900	30	
MORE012S1	29-37.3837-91.1068-4-50-000	6.6	25	0.06	2.7	7	12	57	21000	800	1000	4.2	2400	30	
MORE013S1	29-37.3582-91.1242-4-50-000	6.8	190	0.80	2.6	5	5	41	25900	3850	1000	3.0	2800	40	
MORE014S1	29-37.3329-91.1129-4-50-000	7.4	30	0.12	2.9	7	11	58	18100	1310	800	5.3	M	40	
MORE015S1	29-37.2722-91.0617-4-50-000	M	M	M	3.1	10	9	74	19900	1240	1000	5.6	2500	30	
MORE016S1	29-37.2936-91.0743-4-50-000	M	M	M	2.7	6	8	47	18400	1110	1100	4.7	2000	40	
MORE017S1	29-37.3189-91.0802-4-50-000	M	M	M	2.2	7	21	40	26900	510	300	3.8	1200	30	
MORE018S1	29-37.3047-91.1136-4-50-000	7.2	30	0.18	3.0	12	11	69	20200	1250	700	4.9	2000	40	
MORE019S1	29-37.3448-91.1594-4-50-000	7.1	45	0.34	1.7	5	6	35	10700	600	300	3.2	1300	20	
MORE020S1	29-37.2799-91.1310-4-50-000	M	M	M	2.5	11	7	61	23700	1620	600	5.4	2400	40	
MORE021S1	29-37.2391-91.1062-4-50-000	M	M	M	2.3	4	10	59	28400	1300	900	5.3	2600	40	
MORE022S1	29-37.2138-91.0686-4-50-000	6.9	40	0.18	1.8	4	8	26	12600	630	500	2.1	1200	20	
MORE023S1	29-37.1761-91.0490-4-50-000	5.4	250	2.80	1.6	5	5	36	19600	1250	800	3.0	1000	20	
MORE024S1	29-37.2215-91.0343-4-50-000	8.2	160	1.30	2.4	8	10	46	15000	1130	800	2.5	1600	20	
MORE025S1	29-37.2329-90.9980-4-50-000	7.7	145	1.30	2.1	5	9	27	12400	880	900	2.3	1500	20	
MORE026S1	29-37.2646-91.0131-4-50-000	M	M	M	4.5	9	11	103	21500	2510	1700	8.5	4900	50	
MORE027S1	29-37.2939-91.0014-4-50-000	M	M	M	2.9	6	11	54	17500	1440	1100	4.9	2800	40	
MORE028S1	29-37.3274-90.9964-4-50-000	5.0	30	0.04	2.0	5	9	43	17600	770	600	2.8	1400	30	
MORE029S1	29-37.3362-91.0318-4-50-000	5.9	20	0.04	2.4	6	17	35	14500	690	600	2.4	1300	20	
MORE030S1	29-37.3219-90.9614-4-50-000	6.3	30	0.14	2.1	3	8	38	19200	3390	700	2.8	3200	40	
MORE031S1	29-37.2977-90.9544-4-50-000	6.5	40	0.24	2.0	5	7	30	13300	1150	600	2.3	1500	30	
MORE032S1	29-37.1395-90.9941-4-50-000	M	M	M	1.9	6	5	34	17700	1310	700	2.6	1800	20	
MORE033S1	29-37.1034-90.9934-4-50-000	7.0	75	0.80	2.3	6	8	34	14200	770	900	2.0	2100	30	
MORE034S1	29-37.1595-90.9716-4-50-000	M	M	M	3.2	11	10	48	16000	1380	1300	4.5	3000	40	
MORE035S1	29-37.1476-90.9408-4-50-000	7.5	120	1.30	1.7	4	4	29	13700	1310	400	2.6	1300	20	
MORE036S1	29-37.1465-90.8889-4-50-000	7.7	140	1.40	1.2	3	4	21	10300	480	300	1.3	600	10	
MORE037S1	29-37.1118-90.8905-4-50-000	8.0	120	1.50	1.7	3	7	36	13400	1130	500	3.9	1700	20	
MORE038S1	29-37.0952-90.9020-4-50-000	7.3	140	0.95	1.6	2	10	20	13100	620	300	2.1	900	20	
MORE039S1	29-37.1092-90.9273-4-50-000	7.2	105	0.95	1.8	4	9	25	19100	1240	900	2.1	1100	20	
MORE040S1	29-37.1099-90.8480-4-50-000	7.8	95	0.95	1.1	M	4	9	11600	760	100	1.2	900	20	
MORE041S1	29-37.0583-90.8823-4-50-000	8.1	20	0.08	2.9	6	13	39	19600	920	1000	3.6	2300	30	
MORE042S1	29-37.0644-90.8335-4-50-000	7.1	40	0.36	1.3	3	6	9	5600	440	200	1.2	900	10	
MORE043S1	29-37.0702-90.8004-4-50-000	M	M	M	2.4	6	10	43	17300	1440	1100	2.8	2200	30	
MORE044S1	29-37.1091-90.8004-4-50-000	M	M	M	4.3	8	9	70	22000	1650	2500	8.7	5100	60	
MORE045S1	29-37.1378-90.8684-4-50-000	7.5	150	1.70	1.4	5	5	21	9100	550	400	1.6	800	10	
MORE046S1	29-37.1992-90.9307-4-50-000	8.2	35	0.18	3.7	7	14	80	18800	1880	2300	5.1	5000	60	
MORE047S1	29-37.1807-90.8925-4-50-000	M	M	M	2.3	7	7	41	16000	1190	1000	4.3	1800	30	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
MORE048S1	29-37.2240-90.8943-4-50-000	7.3	130	0.85	3.0	9	12	45	14600	720	1600	4.5	2900	30	
MORE049S1	29-37.2582-90.9257-4-50-000	7.7	90	0.85	1.3	2	3	16	-5000	710	200	1.9	600	10	
MORE050S1	29-37.2393-90.8882-4-50-000	M	M	M	3.5	9	11	79	21200	1480	1700	4.6	2600	30	
MORE051S1	29-37.5832-90.9341-4-50-000	8.1	100	1.00	1.9	4	6	27	11700	410	1000	3.0	1200	20	
MORE052S1	29-37.5474-90.9226-4-50-000	7.9	200	2.60	2.4	7	9	67	30200	830	1200	5.1	2100	40	
MORE053S1	29-37.5348-90.9571-4-50-000	8.3	150	1.70	2.3	12	4	35	32800	1130	1100	8.7	2200	70	
MORE054S1	29-37.5358-90.9734-4-50-000	8.1	80	0.75	1.6	3	4	25	14000	660	400	3.1	900	20	
MORE055S1	29-37.5506-91.0057-4-50-000	8.0	30	0.12	2.4	7	7	51	15900	2020	500	3.8	1600	40	
MORE056S1	29-37.5658-91.0205-4-50-000	7.5	50	0.42	2.1	5	5	34	16800	1140	600	4.5	1300	20	
MORE057S1	29-37.5903-91.0564-4-50-000	7.7	310	1.80	1.2	3	2	23	12300	600	400	1.9	1200	20	
MORE058S1	29-37.5616-91.0573-4-50-000	8.1	115	1.10	1.8	4	6	27	11400	460	800	2.6	1200	20	
MORE059S1	29-37.5636-91.1125-4-50-000	8.2	70	0.70	1.8	4	7	26	12300	1040	600	2.4	1500	30	
MORE060S1	29-37.5110-90.8135-4-50-000	8.0	65	0.42	3.5	13	11	115	26900	770	2400	7.3	3900	50	
MORE061S1	29-37.5192-90.7809-4-50-000	7.8	105	0.95	3.2	12	5	94	25000	2080	1000	5.4	2500	50	
MORE062S1	29-37.4352-90.8196-4-50-000	8.0	90	0.95	3.3	7	8	53	23700	1640	1500	6.8	2700	40	
MORE063S1	29-37.4072-90.8194-4-50-000	8.0	150	1.60	2.5	6	8	39	17400	710	1500	4.7	2400	30	
MORE064S1	29-37.4214-90.8505-4-50-000	8.3	50	0.48	2.0	5	6	27	12500	980	25700	1.7	M	20	
MORE065S1	29-37.3974-90.8835-4-50-000	7.4	20	0.04	2.6	8	11	45	14600	850	1000	3.2	2100	30	
MORE066S1	29-37.3763-90.9196-4-50-000	M	M	M	2.3	6	8	48	20200	1600	1100	5.6	1900	50	
MORE067S1	29-37.3491-90.8984-4-50-000	6.8	25	0.06	2.7	6	8	70	22500	620	1000	7.0	2500	30	
MORE068S1	29-37.3412-90.8307-4-50-000	6.7	30	0.18	1.8	7	8	27	10000	1410	400	2.4	1100	30	
MORE069S1	29-37.3643-90.8264-4-50-000	6.8	40	0.34	3.2	11	10	59	13800	1210	1500	4.6	2400	30	
MORE070S1	29-37.3175-90.7775-4-50-000	7.4	70	0.75	2.4	7	8	50	12900	1120	900	3.6	1500	40	
MORE071S1	29-37.2731-90.8004-4-50-000	7.7	60	0.55	2.2	3	7	34	14300	870	800	2.4	2000	30	
MORE072S1	29-37.3156-90.8794-4-50-000	7.9	30	0.16	2.3	2	7	-20	11700	1690	300	2.8	1700	30	
MORE073S1	29-37.2951-90.8745-4-50-000	8.0	120	1.30	2.6	7	10	41	13200	1490	800	3.0	2000	30	
MORE074S1	29-37.2715-90.8448-4-50-000	8.2	60	0.65	3.2	9	15	50	21100	330	1400	5.5	3700	50	
MORE075S1	29-37.4562-90.9691-4-50-000	7.7	170	1.80	1.3	7	5	20	11100	570	400	2.3	900	20	
MORE076S1	29-37.4321-90.9453-4-50-000	8.2	90	1.00	3.6	14	11	77	23000	1280	2000	6.6	2900	40	
MORE077S1	29-37.4221-90.9758-4-50-000	7.9	80	0.80	2.2	7	12	42	16100	840	700	3.5	1400	30	
MORE078S1	29-37.4410-91.0928-4-50-000	7.9	70	0.75	1.9	5	10	20	12400	730	600	2.2	1200	20	
MORE079S1	29-37.4433-91.0662-4-50-000	7.8	110	1.30	2.4	9	9	50	15100	330	800	3.1	2200	30	
MORE080S1	29-37.4546-91.0420-4-50-000	8.1	120	1.50	2.5	6	9	55	20800	1600	1100	3.4	1800	30	
MORE081S1	29-37.4866-91.0535-4-50-000	8.0	180	2.20	1.1	2	5	20	7200	740	400	1.9	800	20	
MORE082S1	29-37.4938-91.0302-4-50-000	8.2	150	1.80	1.5	2	3	20	7800	530	300	1.2	500	10	
MORE083S1	29-37.5095-91.0879-4-50-000	8.3	150	1.80	1.1	3	2	16	8000	610	300	1.2	500	20	
MORE084S1	29-37.4530-91.1294-4-50-000	8.2	50	0.45	1.3	3	5	25	13200	1190	600	1.5	700	20	
MORE085S1	29-37.4451-91.1771-4-50-000	7.4	25	0.08	1.6	6	7	32	14500	520	500	2.3	1000	20	
MORE086S1	29-37.4191-91.1978-4-50-000	7.1	30	0.12	1.5	6	5	24	13200	340	400	1.8	800	20	
MORE087S1	29-37.4793-91.1673-4-50-000	7.2	110	1.20	0.8	3	4	-26	8100	530	200	1.3	400	10	
MORE088S1	29-37.5007-91.1947-4-50-000	8.0	120	1.20	2.2	5	14	37	9400	340	1200	2.4	1500	20	
MORE089S1	29-37.5340-91.2676-4-50-000	8.1	100	0.95	1.9	5	7	35	10800	740	700	2.1	1100	20	
MORE090S1	29-37.5442-91.2403-4-50-000	8.0	140	1.60	2.1	5	8	53	16300	710	800	2.8	1800	30	
MORE091S1	29-37.5666-91.2760-4-50-000	8.1	60	0.55	1.3	4	5	24	11000	530	400	1.2	900	20	
MORE092S1	29-37.5282-91.2231-4-50-000	7.8	210	2.30	2.0	8	7	62	24500	1160	800	4.3	1400	30	
MORE093S1	29-37.5145-91.1996-4-50-000	8.1	170	1.80	2.1	9	11	36	12200	780	900	2.6	1500	30	
MORE094S1	29-37.5023-91.1402-4-50-000	8.1	305	2.00	1.5	5	5	23	12500	680	600	2.8	1200	20	
MORE095S1	29-37.5270-91.1380-4-50-000	8.3	370	1.80	3.6	12	8	84	24300	850	1200	7.2	3300	70	
MORE096S1	29-37.5659-91.1570-4-50-000	8.1	220	2.70	1.8	7	7	40	14400	750	800	2.1	1400	20	
MORE097S1	29-37.2617-90.7557-4-50-000	M	M	M	3.5	9	15	48	16700	720	2000	4.2	4200	50	
MORE098S1	29-37.2070-90.7504-4-50-000	7.5	75	0.65	3.8	11	12	50	24700	260	2700	4.6	2700	40	
MOR1001S1	29-36.7713-90.6530-4-50-000	7.4	70	0.44	3.0	9	7	60	14800	1780	1400	3.5	3100	40	
MOR1002S1	29-36.7825-90.6888-4-50-000	7.0	80	0.56	3.0	5	12	40	17800	320	1000	4.2	M	50	
MOR1003S1	29-36.7839-90.7161-4-50-000	6.6	40	0.18	3.7	5	13	55	18300	1360	1600	4.9	4700	50	
MOR1004S1	29-36.7205-90.8006-4-50-000	6.2	50	0.20	3.0	9	M	59	21100	570	1100	3.1	3300	40	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOR1005S1	29-36.6665-90.6689-4-50-000	M	M	M	2.0	3	10	63	17900	710	1100	3.4	2500	30
MOR1006S1	29-36.6287-90.7115-4-50-000	M	M	M	2.7	5	8	21	15100	170	700	3.3	2700	40
MOR1007S1	29-36.6154-90.6464-4-50-000	7.2	207	1.50	3.8	15	11	80	48700	970	1600	9.1	M	80
MOR1008S1	29-36.6841-90.7189-4-50-000	M	M	M	4.0	11	13	79	36300	850	1700	8.0	3700	60
MOR1009S1	29-36.6754-90.8159-4-50-000	7.8	340	3.00	2.9	7	8	52	19000	1450	1900	4.5	3600	50
MOR1010S1	29-36.6011-90.8680-4-50-000	7.9	190	1.50	1.8	4	12	37	19500	1250	700	3.0	M	30
MOR1011S1	29-36.5116-90.8363-4-50-000	M	M	M	3.0	5	12	32	11600	470	2100	3.5	3900	40
MOR1012S1	29-36.5954-90.7980-4-50-000	M	M	M	3.5	4	5	93	22200	1140	1100	6.0	M	40
MOR1013S1	29-36.5153-90.7778-4-50-000	M	M	M	3.3	8	13	55	20200	440	3100	5.3	4100	50
MOR1014S1	29-36.5676-90.6909-4-50-000	8.5	100	0.32	2.5	5	10	35	13600	750	2200	3.2	2400	30
MOR1015S1	29-36.7859-90.7969-4-50-000	7.1	390	2.90	2.3	9	9	46	27900	690	700	3.3	1500	40
MOR1016S1	29-36.8076-90.8543-4-50-000	6.2	40	0.18	3.6	7	7	55	19500	1230	1300	4.7	M	50
MOR1017S1	29-36.5438-90.6565-4-50-000	7.8	150	0.80	3.3	12	12	82	15000	400	6700	1.1	4300	60
MOR1018S1	29-36.7528-90.7326-4-50-000	M	M	M	2.3	7	6	51	19800	560	400	4.9	1600	30
MOR1019S1	29-36.7435-90.8586-4-50-000	M	M	M	4.2	11	9	70	22500	1270	1500	7.2	M	60
MOR1020S1	29-36.5226-91.0948-4-50-000	7.7	298	2.40	3.0	8	9	53	25100	1270	900	5.7	4300	60
MOR1021S1	29-36.5336-91.0466-4-50-000	7.3	327	3.00	2.3	4	8	40	14200	850	1200	1.9	2400	30
MOR1022S1	29-36.5854-91.1016-4-50-000	7.3	225	2.00	1.7	4	4	23	14300	920	500	1.5	1100	20
MOR1023S1	29-36.6387-91.0693-4-50-000	7.9	390	3.30	2.4	4	5	26	23800	1720	800	4.6	3400	80
MOR1024S1	29-36.6888-91.1012-4-50-000	M	M	M	4.1	9	7	57	24600	1000	1800	5.8	5200	80
MOR1025S1	29-36.6207-91.0303-4-50-000	8.1	439	4.20	2.4	5	17	-20	14900	480	900	1.6	2600	30
MOR1026S1	29-36.6622-90.9736-4-50-000	6.8	80	0.76	4.3	6	7	42	27700	310	500	5.7	M	70
MOR1027S1	29-36.6357-90.9617-4-50-000	7.4	192	1.50	2.5	3	5	53	22600	M	700	2.6	M	M
MOR1028S1	29-36.7572-90.9665-4-50-000	6.9	162	1.16	1.3	M	4	-20	5300	M	300	0.9	M	10
MOR1029S1	29-36.7769-91.0160-4-50-000	M	M	M	2.4	5	8	44	14200	750	1100	3.1	M	20
MOR1030S1	29-36.8129-91.0018-4-50-000	M	M	M	2.6	8	12	37	16300	1030	900	4.3	2200	30
MOR1031S1	29-36.8009-91.0796-4-50-000	6.5	55	0.32	3.0	6	14	20	25400	M	700	4.7	M	60
MOR1032S1	29-36.7491-91.1205-4-50-000	M	M	M	3.4	12	7	63	10300	550	M	5.7	M	M
MOR1033S1	29-36.6641-90.9112-4-50-000	7.8	220	1.50	2.4	2	3	-25	10700	90	300	1.6	1100	20
MOR1034S1	29-36.5308-90.9373-4-50-000	7.6	510	4.00	1.5	2	7	31	7700	180	400	1.2	700	20
MOR1035S1	29-36.7965-90.9616-4-50-000	7.3	240	2.20	3.3	8	12	38	23200	450	2400	5.6	6100	80
MOR1036S1	29-36.6014-90.8994-4-50-000	7.8	295	3.30	2.2	5	7	37	16900	980	800	2.9	2600	30
MOR1037S1	29-36.5591-90.9387-4-50-000	M	M	M	3.1	10	8	59	15900	1270	1500	4.4	3800	70
MOR1038S1	29-36.5221-90.9695-4-50-000	7.5	560	5.20	1.2	2	5	7	8100	190	300	1.5	900	20
MOR1039S1	29-36.5186-90.8710-4-50-000	7.5	370	4.10	1.9	4	16	39	12300	560	1300	2.3	3400	30
MOR1040S1	29-36.5613-90.8774-4-50-000	8.4	425	4.40	1.4	4	4	30	15600	990	700	2.4	1800	30
MOR1041S1	29-36.5851-90.9832-4-50-000	8.2	450	4.10	1.2	6	5	32	10200	1010	700	1.5	1800	40
MOR1042S1	29-36.5797-91.0468-4-50-000	8.2	580	5.60	3.6	3	4	29	11500	470	800	2.7	2000	40
MOR1043S1	29-36.5087-91.1190-4-50-000	8.0	530	4.10	2.3	5	7	23	12900	390	800	2.6	2000	30
MOR1044S1	29-36.7759-90.8636-4-50-000	7.7	30	0.50	3.3	6	9	28	25300	1690	700	3.3	M	40
MOR1045S1	29-36.7574-90.8093-4-50-000	7.7	245	1.80	4.1	12	12	53	37900	440	700	7.2	3400	90
MOR1046S1	29-36.7002-90.7663-4-50-000	7.8	100	0.70	3.8	7	13	67	23000	2080	1100	4.9	M	40
MOR1047S1	29-36.7722-90.7482-4-50-000	7.8	325	3.60	1.6	-1	10	17	24700	260	400	2.2	1000	30
MOR1048S1	29-36.6318-90.8772-4-50-000	7.6	341	3.00	1.7	3	6	7	9800	180	500	1.7	1200	20
MOR1049S1	29-36.7128-90.9169-4-50-000	M	M	M	3.5	5	7	35	16600	1490	900	4.5	2900	40
MOR1050S1	29-36.6247-90.7744-4-50-000	M	M	M	3.3	7	13	49	12300	780	1800	4.3	M	40
MOR1051S1	29-36.6521-90.7629-4-50-000	M	M	M	3.2	8	11	42	21700	500	1800	5.4	M	50
MOR1052S1	29-36.7034-90.6548-4-50-000	7.5	80	1.40	2.7	3	12	54	34900	700	900	4.4	1900	40
MOR1053S1	29-36.6261-90.8130-4-50-000	8.0	400	4.20	1.5	2	6	18	10400	210	500	1.4	1000	20
MOR1054S1	29-36.6660-90.8552-4-50-000	7.8	290	3.00	1.6	3	5	24	15400	M	M	2.0	M	20
MOR1055S1	29-36.6992-90.8676-4-50-000	8.2	400	4.20	0.9	-1	4	14	9100	250	200	0.9	500	10
MOR1056S1	29-36.6608-91.0023-4-50-000	M	M	M	3.6	8	14	62	20600	370	900	5.9	3600	50
MOR1057S1	29-36.7334-90.9981-4-50-000	7.9	130	1.40	2.0	6	6	13	20200	460	600	2.7	M	20
MOR1058S1	29-36.7081-91.0699-4-50-000	7.4	115	0.60	3.0	8	23	34	18500	730	1200	4.4	M	40
MOR1059S1	29-36.7449-91.0553-4-50-000	7.6	230	1.20	2.5	5	14	48	11000	M	10400	2.2	M	M

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPH	TH PPH	HF PPH	CE PPH	FE PPH	MN PPH	NA PPH	SC PPH	TI PPH	V PPH	*
MOR1060S1	29-36.5538-91.0082-4-50-000	M	M	M	4.8	9	8	35	26600	M	1000	5.4	M	60	
MOR1061S1	29-36.5841-90.7719-4-50-000	7.7	291	2.70	1.7	-1	5	-25	12200	1220	800	2.9	1900	40	
MOR1062S1	29-36.5495-90.8127-4-50-000	M	M	M	3.2	6	M	56	14500	920	1000	4.3	2900	50	
MOR1063S1	29-36.5453-90.7459-4-50-000	M	M	M	2.5	9	11	37	20100	370	600	3.3	800	30	
MOR1064S1	29-36.5530-90.6081-4-50-000	8.0	475	4.60	2.5	7	10	27	22500	810	1000	4.9	3000	50	
MOSD001S1	29-36.8056-90.1126-4-50-000	8.5	453	3.10	2.4	7	12	44	12100	370	8200	5.0	3900	50	
MOSD002S1	29-36.7552-90.0960-4-50-000	8.6	342	1.60	2.1	6	18	-20	12400	440	6600	4.3	M	30	
MOSD003S1	29-36.7109-90.0997-4-50-000	7.9	630	2.10	2.6	9	12	72	18300	450	9200	5.4	3900	50	
MOSD004S1	29-36.8014-90.0235-4-50-000	7.9	598	1.80	3.6	9	22	58	19500	1210	5000	4.6	3200	50	
MOSD005S1	29-36.8275-90.0229-4-50-000	M	M	M	2.2	9	8	-20	11100	310	8600	4.2	2900	40	
MOSD006S1	29-36.7599-90.0368-4-50-000	8.5	250	0.84	2.8	5	26	73	17600	1370	3900	3.1	M	30	
MOSD007S1	29-36.7587-89.9935-4-50-000	7.5	900	1.90	3.5	9	10	40	22100	480	6900	1.6	4000	70	
MOSD008S1	29-36.8178-90.1722-4-50-000	8.0	158	1.10	2.7	7	13	69	17000	560	6100	6.0	M	40	
MOSD009S1	29-36.7434-89.9080-4-50-000	M	M	M	2.0	9	10	70	16000	470	8100	4.6	2200	40	
MOSD010S1	29-36.7188-89.8986-4-50-000	M	M	M	2.0	6	8	27	10000	160	8700	2.9	1800	20	
MOSD011S1	29-36.6911-89.9963-4-50-000	8.0	101	0.44	2.2	8	11	56	11700	460	8500	3.2	8000	40	
MOSD012S1	29-36.8105-89.9758-4-50-000	7.9	109	0.48	3.1	9	28	42	11900	510	4000	3.5	4200	30	
MOSD013S1	29-36.8205-89.9317-4-50-000	9.1	169	0.52	1.6	M	3	M	M	30	M	M	1400	M	
MOSD014S1	29-36.8129-89.7334-4-50-000	8.7	185	0.92	2.7	10	10	65	20100	460	10300	5.3	M	60	
MOSD015S1	29-36.6765-89.8220-4-50-000	7.9	211	1.20	2.7	10	21	67	16600	310	8100	4.6	3000	50	
MOSD016S1	29-36.6729-89.9328-4-50-000	8.8	347	2.10	3.7	8	4	54	27300	340	3800	8.8	6900	100	
MOSD017S1	29-36.6946-90.0444-4-50-000	M	M	M	3.6	7	11	66	20600	1350	5800	6.1	4300	50	
MOSD023S1	29-37.0163-89.7627-4-50-000	M	M	M	2.4	9	15	70	24100	360	12600	0.6	3400	70	
MOSD024S1	29-37.0262-89.8478-4-50-000	8.0	150	0.46	3.4	9	22	73	24200	1930	5600	3.5	M	60	
MOSD025S1	29-37.0054-89.9040-4-50-000	6.3	140	0.92	3.4	8	16	34	15400	1250	4700	3.4	4700	40	
MOSD026S1	29-37.0391-89.9661-4-50-000	6.2	110	0.64	3.2	11	M	94	33700	1370	5900	8.1	M	60	
MOSD027S1	29-37.0851-89.9555-4-50-000	6.7	80	0.16	2.5	8	M	33	23400	810	7300	6.3	M	50	
MOSD028S1	29-37.0929-89.8793-4-50-000	6.5	110	0.48	2.8	7	14	67	18100	950	9300	7.2	4700	60	
MOSD029S1	29-37.0833-89.8139-4-50-000	7.3	465	1.98	3.8	10	12	63	23900	460	5500	7.2	M	80	
MOSD030S1	29-37.0390-90.0545-4-50-000	7.1	110	0.48	3.5	10	16	75	25100	1890	5800	3.2	4400	60	
MOSD031S1	29-36.9895-90.1182-4-50-000	7.0	240	1.46	3.3	10	10	64	17400	760	7100	5.8	M	60	
MOSD032S1	29-36.9299-90.1776-4-50-000	6.9	120	0.64	9.4	5	6	48	10900	340	4600	5.2	4600	40	
MOSD033S1	29-36.9009-90.2078-4-50-000	7.1	260	1.52	3.8	16	23	75	39000	1620	6200	6.0	M	110	
MOSD034S1	29-36.9168-90.1078-4-50-000	7.2	105	0.52	3.4	10	2	75	26600	820	5700	7.9	5000	50	
MOSD035S1	29-36.9440-90.1126-4-50-000	7.1	200	0.94	3.4	8	8	64	18200	1340	5700	6.0	M	60	
MOSD036S1	29-36.9645-89.9846-4-50-000	6.9	220	1.14	3.3	10	14	94	33200	1770	7800	9.0	6600	110	
MOSD037S1	29-36.9659-89.9111-4-50-000	6.9	360	2.50	2.9	8	7	52	23200	660	5500	7.3	3900	60	
MOSD038S1	29-36.9664-89.8054-4-50-000	7.6	550	3.80	2.3	12	11	57	20300	M	M	5.6	6200	M	
MOSD039S1	29-36.9656-89.7694-4-50-000	7.3	900	3.90	2.0	9	M	261	21500	M	M	5.3	3400	30	
MOSD040S1	29-36.8764-89.7363-4-50-000	7.3	160	0.94	3.2	9	1	63	20900	810	5300	7.4	4400	70	
MOSD041S1	29-36.9153-89.8329-4-50-000	6.7	135	0.52	4.3	10	50	69	8800	M	M	3.3	M	M	
MOSD042S1	29-36.8944-89.8897-4-50-000	7.0	230	1.24	2.9	4	18	90	17200	1360	8900	4.4	4600	60	
MOSD043S1	29-36.8875-89.9773-4-50-000	7.0	205	1.00	2.9	11	18	75	17400	610	4700	5.7	4600	40	
MOSD044S1	29-36.9133-90.0277-4-50-000	7.6	180	1.30	3.7	11	13	82	25800	M	M	6.9	M	M	
MOSD045S1	29-36.7918-90.1507-4-50-000	7.4	275	1.80	3.5	9	11	54	20300	1250	6300	4.8	3100	60	
MOSD046S1	29-36.7529-90.1611-4-50-000	9.0	300	1.90	1.4	7	8	29	6100	M	M	2.0	M	M	
MOSD047S1	29-36.6973-90.1384-4-50-000	8.2	289	2.20	2.6	8	19	81	13900	390	8800	3.9	4100	30	
MOSD048S1	29-36.6617-90.1076-4-50-000	7.3	150	0.70	3.0	6	11	-20	10000	550	7200	4.4	3800	40	
MOSD049S1	29-36.6727-90.0485-4-50-000	7.4	270	1.25	2.4	7	1	38	15900	360	13000	4.2	4100	60	
MOSD050S1	29-36.6589-90.0081-4-50-000	7.7	320	1.60	2.6	6	8	30	21600	M	M	6.4	M	10	
MOSD051S1	29-36.6466-89.9342-4-50-000	7.1	400	2.00	2.4	6	2	56	30800	640	5500	7.5	3500	60	
MOSD052S1	29-36.6606-89.8807-4-50-000	7.7	320	1.40	2.2	8	9	68	16100	M	M	4.3	M	M	
MOSD053S1	29-36.6604-89.6410-4-50-000	7.8	240	1.40	3.0	M	1	M	M	480	8200	M	4300	60	
MOSD054S1	29-36.6615-89.7858-4-50-000	7.7	320	1.80	2.4	6	8	93	23300	M	M	6.6	M	40	
MOSD055S1	29-36.8640-89.8788-4-50-000	M	M	M	2.9	8	16	58	12300	570	5100	4.2	3800	40	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
MOSD056S1	29-36.8722-89.8474-4-50-000	M	M	M	3.0	7	6	54	18300	M	700	6.6	M	10	
MOSD057S1	29-36.8719-89.7887-4-50-000	7.5	100	0.38	3.3	6	5	46	18500	470	4800	7.0	4200	50	
MOSD058S1	29-36.9053-89.8081-4-50-000	6.9	130	0.48	2.8	8	14	48	15100	540	7400	5.9	4900	60	
MOSD059S1	29-36.9384-89.7975-4-50-000	8.1	600	4.50	2.6	9	7	54	22900	900	7600	6.5	4300	60	
MOSD060S1	29-36.9360-89.8657-4-50-000	M	M	M	4.0	10	57	70	10900	510	2500	3.6	4600	30	
MOSD061S1	29-36.9357-89.8970-4-50-000	M	M	M	95.2	7	23	48	15100	1380	4000	4.0	M	50	
MOSD062S1	29-36.8195-90.1597-4-50-000	7.7	115	0.70	1.9	4	6	-31	11900	510	7500	5.0	2900	30	
MOSD063S1	29-36.8608-90.1555-4-50-000	8.7	259	1.40	2.6	3	9	40	9100	300	7300	2.8	3700	30	
MOSD064S1	29-36.8503-90.2077-4-50-000	6.9	110	1.00	0.8	2	3	11	-5000	140	1500	1.5	1000	10	
MOSD065S1	29-37.0081-90.0956-4-50-000	8.2	395	3.20	87.5	13	24	67	22500	850	5600	7.1	4400	50	
MOSD066S1	29-37.0145-90.0527-4-50-000	7.4	246	2.10	96.1	8	7	62	21300	1430	5400	7.8	4900	70	
MOSD067S1	29-36.9767-90.0527-4-50-000	M	M	M	1.0	4	4	15	-5000	170	2600	1.1	1700	20	
MOSD068S1	29-36.9335-90.0419-4-50-000	6.7	99	0.80	1.0	2	7	13	5900	M	100	1.1	M	M	
MOSD069S1	29-36.8576-90.0406-4-50-000	6.8	81	0.50	1.2	4	4	23	-5000	350	2600	1.2	1600	20	
MOSD070S1	29-36.8564-90.0976-4-50-000	7.2	340	2.40	1.1	3	4	14	-5000	200	1800	1.6	1400	20	
MOSD071S1	29-36.9033-90.1366-4-50-000	6.3	46	0.24	1.0	3	5	21	-5000	350	2100	1.5	1600	20	
MOSD072S1	29-37.1119-89.8405-4-50-000	7.6	426	3.90	65.5	6	1	31	21400	2110	6500	4.3	3800	70	
MOSD073S1	29-37.0508-89.8864-4-50-000	8.4	153	1.30	63.8	5	2	130	15300	M	900	1.2	4000	M	
MOSD074S1	29-37.0113-89.9409-4-50-000	8.0	132	1.10	64.3	7	17	50	12700	700	6000	3.9	4000	40	
MOSD075S1	29-36.9736-89.9378-4-50-000	M	M	M	63.3	3	29	74	19300	M	600	4.7	M	M	
MOSD076S1	29-36.9491-89.9436-4-50-000	7.8	164	1.30	63.9	9	18	54	13500	920	3700	3.5	4300	40	
MOSD077S1	29-36.8651-89.9779-4-50-000	7.2	150	0.70	65.6	4	11	42	9400	M	700	3.0	3000	M	
MOSD078S1	29-36.8461-89.9580-4-50-000	7.3	102	0.80	12.6	15	54	86	26100	1060	4500	6.1	5100	40	
MOSF001S1	29-37.9215-90.5905-4-50-000	8.6	230	3.10	1.0	3	5	23	15800	620	800	2.1	1700	20	
MOSF002S1	29-37.9460-90.6393-4-50-000	8.9	300	3.40	2.6	6	7	60	20900	940	1200	6.1	2600	70	
MOSF003S1	29-37.9619-90.6290-4-50-000	8.9	330	3.50	0.9	6	1	19	11200	220	600	1.5	700	20	
MOSF004S1	29-37.9639-90.5759-4-50-000	8.5	280	3.30	1.6	6	3	27	27300	2930	600	2.2	500	10	
MOSF005S1	29-37.9818-90.5809-4-50-000	9.0	270	3.40	1.0	4	3	-20	9000	890	900	2.8	1700	20	
MOSF006S1	29-37.9030-90.5170-4-50-000	8.6	400	3.90	2.0	6	5	29	12600	970	1100	5.6	1800	20	
MOSF007S1	29-37.9628-90.5563-4-50-000	M	M	M	1.3	M	4	-20	5000	110	100	3.9	M	M	
MOSF008S1	29-37.8499-90.6301-4-50-000	8.7	270	2.70	1.4	5	2	20	14800	550	400	3.6	600	20	
MOSF009S1	29-37.8834-90.6406-4-50-000	8.4	270	2.90	0.9	3	1	-20	-5000	120	200	2.4	M	M	
MOSF010S1	29-37.7929-90.6069-4-50-000	8.7	340	3.00	4.7	6	20	16	9500	930	1800	3.9	1200	20	
MOSF011S1	29-37.8142-90.5914-4-50-000	M	M	M	4.1	M	15	15	7300	650	500	4.4	600	10	
MOSF012S1	29-37.8228-90.5701-4-50-000	8.5	310	3.10	2.3	M	6	20	16200	660	1300	3.7	1800	20	
MOSF013S1	29-37.8019-90.4209-4-50-000	M	M	M	4.0	6	13	49	13400	1200	2500	7.4	2700	30	
MOSF014S1	29-37.8115-90.3888-4-50-000	7.9	160	1.60	0.8	M	3	36	15800	870	500	0.7	900	10	
MOSF015S1	29-37.7940-90.3739-4-50-000	8.0	210	1.70	1.6	M	5	-20	17700	1660	900	2.2	4600	20	
MOSF016S1	29-37.7678-90.3790-4-50-000	8.1	90	0.70	1.4	M	7	21	5300	270	400	0.9	900	10	
MOSF017S1	29-37.7389-90.3529-4-50-000	8.3	280	2.00	0.8	M	3	-23	11600	940	500	1.1	800	20	
MOSF018S1	29-37.7230-90.2833-4-50-000	M	M	M	1.4	M	5	-20	16300	1630	500	1.5	1200	20	
MOSF019S1	29-37.6900-90.3125-4-50-000	8.8	240	2.40	2.5	4	8	107	55700	8470	1500	3.0	2200	60	
MOSF020S1	29-37.8179-90.5488-4-50-000	M	M	M	0.4	M	M	M	M	120	200	M	M	10	
MOSF021S1	29-37.8570-90.4506-4-50-000	M	M	M	2.9	9	10	51	20600	880	4000	3.3	4000	40	
MOSF022S1	29-37.8820-90.5030-4-50-000	8.4	350	2.80	2.4	4	M	-20	42200	4640	1000	1.8	18600	10	
MOSF023S1	29-38.0132-90.4479-4-50-000	8.4	250	2.80	0.7	6	M	59	18100	750	1100	2.1	1100	20	
MOSF024S1	29-38.0219-90.4087-4-50-000	8.6	370	5.10	2.0	M	12	46	26200	1100	2200	3.4	1400	40	
MOSF025S1	29-37.9692-90.3683-4-50-000	M	M	M	1.3	M	5	41	11900	850	900	1.7	1200	20	
MOSF026S1	29-37.9691-90.4392-4-50-000	8.6	300	3.30	2.1	7	9	54	25000	2070	2000	5.6	2200	40	
MOSF027S1	29-37.9586-90.4682-4-50-000	8.6	290	3.10	2.3	7	7	40	21300	1410	3500	2.1	3900	60	
MOSF028S1	29-37.9481-90.4965-4-50-000	8.7	290	3.70	1.9	5	7	32	17000	1260	1900	3.0	8500	30	
MOSF029S1	29-37.9287-90.4706-4-50-000	8.4	160	1.70	1.7	6	25	-20	10300	240	300	1.3	500	10	
MOSF030S1	29-37.9271-90.4339-4-50-000	8.3	900	3.10	0.5	2	M	-20	-6100	140	500	M	500	10	
MOSF031S1	29-37.9431-90.4087-4-50-000	8.7	200	1.20	2.8	M	21	-20	12800	690	1400	3.0	1700	20	
MOSF032S1	29-37.9110-90.4542-4-50-000	8.9	280	2.60	2.5	8	6	70	46900	7750	2100	2.6	3000	60	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOSF033S1	29-37.8764-90.4921-4-50-000	8.9	350	3.60	3.2	6	8	59	28300	3010	3000	6.8	3500	70
MOSF034S1	29-37.7740-90.4695-4-50-000	8.3	60	0.40	1.5	4	8	-40	11900	600	1000	1.5	1700	20
MOSF035S1	29-37.6638-90.2875-4-50-000	8.6	170	2.00	2.9	8	14	66	24300	1850	1800	4.8	4000	50
MOSF036S1	29-37.6966-90.2799-4-50-000	8.5	260	2.20	0.6	M	M	-20	5100	490	300	M	300	10
MOSF037S1	29-37.6621-90.2576-4-50-000	M	M	M	2.7	M	13	66	29600	2590	3600	2.1	4600	80
MOSF038S1	29-37.6476-90.1998-4-50-000	8.2	50	0.20	3.3	8	16	50	24000	920	1300	7.4	2000	40
MOSF039S1	29-37.6546-90.1613-4-50-000	M	M	M	3.8	9	15	46	26000	910	2000	5.7	2600	50
MOSF040S1	29-37.6502-90.3781-4-50-000	8.4	50	0.10	7.5	10	26	30	22500	1420	4600	5.0	5100	40
MOSF041S1	29-37.6637-90.4086-4-50-000	8.3	70	0.30	2.3	M	4	12	50900	M	M	17.5	600	250
MOSF042S1	29-37.6685-90.4580-4-50-000	7.9	40	0.20	14.2	40	36	101	24000	670	7600	9.1	2900	40
MOSF043S1	29-37.7038-90.4530-4-50-000	7.8	40	0.20	2.8	M	21	11	-5000	250	400	1.4	400	10
MOSF044S1	29-37.7191-90.4972-4-50-000	7.5	110	0.60	5.4	8	15	42	14200	940	3300	5.1	3700	40
MOSF045S1	29-37.6701-90.5525-4-50-000	7.6	35	0.20	8.2	3	27	23	-5000	300	1200	3.7	900	10
MOSF046S1	29-37.6710-90.6266-4-50-000	7.6	90	0.40	5.6	10	17	65	30500	2570	2600	3.7	3300	40
MOSF047S1	29-37.7055-90.5865-4-50-000	8.0	50	0.40	4.5	10	14	52	22300	910	4700	3.8	3100	50
MOSF048S1	29-37.7437-90.6165-4-50-000	7.7	100	0.60	2.6	5	10	71	40000	3080	2200	3.8	2300	50
MOSF049S1	29-37.7777-90.5440-4-50-000	7.5	80	0.30	3.0	5	14	31	7700	930	2400	3.2	M	20
MOSF050S1	29-37.7901-90.4932-4-50-000	M	M	M	2.0	4	3	24	20700	1030	400	3.2	800	30
MOSF051S1	29-37.7195-90.3870-4-50-000	7.4	160	0.40	2.3	4	10	16	-5000	440	400	4.5	400	10
MOSG001S1	29-37.8425-90.0715-4-50-000	8.0	250	3.00	1.4	2	2	29	18700	2020	1500	1.9	2400	40
MOSG002S1	29-37.8509-90.1306-4-50-000	8.7	330	3.80	1.4	6	8	33	8400	570	1800	1.8	1900	20
MOSG003S1	29-37.8358-90.1666-4-50-000	8.6	310	3.50	1.6	5	5	38	13700	1070	2200	2.3	2700	40
MOSG004S1	29-37.8142-90.2546-4-50-000	9.0	40	0.20	4.8	18	64	22	-5000	130	500	3.2	800	10
MOSG005S1	29-37.7567-90.2828-4-50-000	7.6	110	0.30	2.0	3	18	25	9700	410	1400	1.9	1700	20
MOSG006S1	29-37.7701-90.3071-4-50-000	7.6	50	0.20	1.8	2	16	24	8300	160	300	1.3	500	10
MOSG007S1	29-37.7899-90.3279-4-50-000	7.6	50	0.20	3.1	9	35	29	-5000	120	500	2.0	1200	10
MOSG008S1	29-37.8093-90.3448-4-50-000	7.3	90	0.40	1.6	2	8	16	7900	380	600	1.4	1200	10
MOSG009S1	29-37.8475-90.3015-4-50-000	7.3	40	0.20	3.1	5	33	-27	6900	490	2100	3.2	2600	20
MOSG010S1	29-37.8790-90.2423-4-50-000	7.4	60	0.30	3.0	7	50	53	8600	130	800	2.5	900	10
MOSG011S1	29-37.8823-90.1818-4-50-000	7.7	60	0.60	2.5	7	13	44	13900	1000	4500	3.4	3400	40
MOSG012S1	29-37.9062-90.2300-4-50-000	8.7	130	1.00	1.8	3	13	24	7900	280	900	0.9	1500	10
MOSG013S1	29-37.9520-90.2294-4-50-000	8.5	140	1.70	1.9	4	16	31	7800	780	2100	2.3	2700	30
MOSG014S1	29-37.9695-90.1999-4-50-000	8.3	190	1.80	1.2	-1	14	-20	8400	340	1400	1.8	1400	20
MOSG015S1	29-37.9442-90.0397-4-50-000	8.2	290	2.70	2.4	10	10	60	21000	940	7600	3.2	4200	50
MOSG016S1	29-37.9185-89.9967-4-50-000	8.1	110	0.90	2.6	8	10	52	18600	830	6900	3.5	2200	60
MOSG017S1	29-37.8852-90.0842-4-50-000	8.4	300	2.90	2.1	8	9	50	22900	760	5400	4.6	4000	60
MOSG018S1	29-37.8810-90.1161-4-50-000	8.2	80	0.40	3.2	10	45	18	-5000	180	1000	3.1	600	10
MOSG019S1	29-37.9033-90.1338-4-50-000	8.0	150	2.00	1.2	3	18	12	9000	240	2000	1.0	1100	10
MOSG020S1	29-37.9001-90.2912-4-50-000	8.3	180	2.10	1.7	6	7	60	21900	680	1500	2.3	1700	20
MOSG021S1	29-37.9425-90.2914-4-50-000	8.2	40	0.10	2.6	10	11	58	19300	1180	3900	2.8	3500	40
MOSG022S1	29-37.8839-90.3299-4-50-000	7.7	50	0.20	2.3	5	31	13	-5000	330	500	0.9	600	10
MOSG023S1	29-37.8537-90.3781-4-50-000	8.0	200	1.70	2.7	9	8	57	16800	500	4700	7.0	4300	60
MOSG024S1	29-37.8678-90.3781-4-50-000	8.1	200	1.60	1.2	4	5	19	6800	500	500	1.3	700	10
MOSG025S1	29-37.8641-90.4313-4-50-000	8.3	220	2.40	2.6	9	8	78	22400	3070	4300	4.3	4300	70
MOSG026S1	29-37.8876-90.4150-4-50-000	8.1	260	0.95	1.6	6	6	59	21700	1200	1200	2.1	1400	20
MOSG027S1	29-37.9072-90.3913-4-50-000	8.1	60	0.20	1.2	2	10	13	5100	270	400	0.4	500	10
MOSG028S1	29-37.9468-90.3524-4-50-000	7.9	130	0.70	1.5	4	8	23	9300	410	700	1.9	600	10
MOSG029S1	29-37.9557-90.3314-4-50-000	8.4	330	2.80	1.2	5	5	24	11800	620	1500	2.2	1700	30
MOSG030S1	29-37.9964-90.2794-4-50-000	8.6	180	2.50	1.9	6	8	36	13400	510	2500	2.0	2200	40
MOSG031S1	29-38.0062-90.3294-4-50-000	M	M	M	2.7	7	8	51	18300	790	5400	4.0	M	50
MOSG032S1	29-38.0244-90.3162-4-50-000	8.4	190	1.80	2.7	9	6	61	17400	840	4800	4.1	4700	70
MOSG033S1	29-38.0322-90.2838-4-50-000	M	M	M	2.3	8	7	44	17200	440	7100	4.1	3400	80
MOSG034S1	29-38.0114-90.2591-4-50-000	8.2	250	2.20	1.6	7	5	19	16600	350	2100	1.6	1300	20
MOSG035S1	29-37.9339-90.2068-4-50-000	8.3	330	3.20	1.6	5	9	32	17400	1310	2300	1.6	1700	40
MOSG036S1	29-37.9738-90.2528-4-50-000	8.6	260	2.40	1.7	5	8	40	11100	850	3400	1.8	2400	40

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
MOSG037S1	29-37.7820-90.2338-4-50-000	8.2	140	1.30	1.9	4	11	26	11500	540	600	1.2	1000	20	
MOSG038S1	29-37.7517-90.2278-4-50-000	8.3	140	1.50	1.9	3	11	36	7800	590	600	1.7	1100	10	
MOSG039S1	29-37.7707-90.1782-4-50-000	8.5	320	3.50	2.3	9	7	63	21800	1770	2900	3.0	2500	40	
MOSG041S1	29-37.7980-90.1755-4-50-000	8.4	200	2.00	2.0	7	11	31	10600	990	1300	1.1	1100	20	
MOSG041S1	29-37.7437-90.1660-4-50-000	8.5	315	3.90	2.6	9	8	70	24100	1550	3400	5.2	3400	50	
MOSG042S1	29-37.7557-90.1362-4-50-000	8.7	215	3.20	0.8	3	3	16	-5000	210	1000	0.8	M	20	
MOSG043S1	29-37.7198-90.1760-4-50-000	8.5	140	1.40	0.9	M	1	10	21900	440	200	0.6	400	20	
MOSG044S1	29-37.7178-90.2099-4-50-000	8.5	200	1.50	1.1	5	3	22	12800	750	600	2.7	1500	30	
MOSG045S1	29-37.6876-90.2084-4-50-000	7.7	30	0.20	3.3	9	13	57	25700	1000	1800	4.1	2800	60	
MOSG046S1	29-37.7863-90.1369-4-50-000	8.6	290	3.20	1.6	5	6	21	7500	660	1900	2.2	1700	30	
MOSG047S1	29-37.8099-90.0971-4-50-000	8.3	240	3.70	2.0	5	6	57	20700	1470	2100	2.9	2500	50	
MOSG048S1	29-37.7799-90.0826-4-50-000	8.5	270	3.20	1.8	5	5	29	17700	1030	1800	3.6	M	50	
MOSG049S1	29-37.8032-90.0529-4-50-000	8.4	250	2.80	1.5	4	8	34	17300	520	1000	2.1	1000	20	
MOSG050S1	29-37.8079-90.0130-4-50-000	M	M	M	2.1	7	11	50	12700	1360	2800	2.2	2600	50	
MOSG051S1	29-37.8303-90.0201-4-50-000	8.4	310	3.40	1.8	5	13	38	17600	1070	3000	2.0	1900	30	
MOSG052S1	29-37.8475-89.9937-4-50-000	8.7	240	2.70	1.1	2	5	22	8800	320	2100	1.2	1200	20	
MOSG053S1	29-38.0013-90.1738-4-50-000	M	M	M	2.0	7	9	34	10200	310	5600	3.8	2600	40	
MOSG054S1	29-37.9963-90.1161-4-50-000	M	M	M	2.7	10	10	62	20100	620	7400	3.0	4000	70	
MOSG055S1	29-38.0185-90.1135-4-50-000	M	M	M	2.3	6	9	61	16500	1070	8200	5.2	4200	70	
MOSG056S1	29-38.0363-90.1641-4-50-000	M	M	M	2.2	8	10	50	19600	1020	8300	3.9	4100	70	
MOSG057S1	29-38.0210-90.2090-4-50-000	M	M	M	2.0	7	10	43	12900	560	4700	3.7	2800	40	
MOSG058S1	29-38.0715-90.3442-4-50-000	M	M	M	3.1	9	10	56	16800	300	5000	4.8	3200	50	
MOSG059S1	29-38.0447-90.3678-4-50-000	M	M	M	2.2	7	8	53	13100	1630	3000	3.5	2200	50	
MOSG060S1	29-38.0629-90.2861-4-50-000	8.7	370	3.80	1.7	4	8	28	10700	520	2400	2.4	1700	20	
MOSH001S1	29-37.3904-91.5422-4-50-000	8.2	240	3.80	1.2	-1	3	13	6500	550	1100	1.3	1400	20	
MOSH002S1	29-37.4137-91.5289-4-50-000	7.9	180	2.00	1.3	4	7	40	12600	200	600	1.7	1000	30	
MOSH003S1	29-37.4120-91.4292-4-50-000	M	M	M	1.0	3	2	-20	17300	1100	600	1.8	1400	30	
MOSH004S1	29-37.3997-91.4229-4-50-000	M	M	M	1.0	4	5	-20	9500	420	300	1.4	800	10	
MOSH005S1	29-36.9691-91.4807-4-50-000	M	M	M	2.9	9	12	71	16300	2040	1800	3.7	4800	50	
MOSH006S1	29-36.9011-91.5212-4-50-000	M	M	M	3.7	8	12	101	14300	1040	2000	5.8	M	50	
MOSH007S1	29-36.9164-91.5397-4-50-000	7.2	70	0.60	4.0	12	M	-20	-5000	2100	3300	M	6900	80	
MOSH008S1	29-36.9748-91.5029-4-50-000	7.2	150	1.00	4.3	8	11	33	21600	1110	1400	5.6	M	40	
MOSH009S1	29-36.9899-91.5313-4-50-000	M	M	M	6.4	M	M	M	M	1150	1400	M	M	20	
MOSH010S1	29-36.9605-91.5826-4-50-000	M	M	M	3.4	7	12	39	14400	360	1200	2.9	M	M	
MOSH011S1	29-36.9536-91.6026-4-50-000	M	M	M	4.1	9	13	77	18000	1050	2800	6.2	M	10	
MOSH012S1	29-36.9369-91.6392-4-50-000	6.7	40	0.20	3.7	8	14	66	10800	790	2200	2.6	M	M	
MOSH013S1	29-36.9277-91.6129-4-50-000	M	M	M	7.7	18	26	122	36300	2020	4500	2.7	7300	M	
MOSH014S1	29-36.9118-91.5940-4-50-000	6.8	40	0.30	3.5	8	21	55	14200	1220	2000	5.4	M	10	
MOSH015S1	29-36.8911-91.5675-4-50-000	M	M	M	3.8	10	11	43	16100	620	1900	5.8	5200	M	
MOSH016S1	29-36.9349-91.5582-4-50-000	M	M	M	4.3	9	13	49	17900	630	2000	5.7	M	M	
MOSH017S1	29-37.0497-91.5704-4-50-000	6.8	260	2.50	3.9	8	M	60	19300	1300	1900	6.9	M	M	
MOSH018S1	29-37.0046-91.3225-4-50-000	M	M	M	3.0	8	9	43	16500	810	1400	4.5	M	M	
MOSH019S1	29-37.0407-91.3250-4-50-000	M	M	M	3.2	13	12	101	20300	950	1200	6.3	4300	M	
MOSH020S1	29-37.3738-91.4048-4-50-000	8.1	170	1.00	1.2	M	4	18	9400	300	300	1.6	1900	10	
MOSH021S1	29-37.3870-91.3578-4-50-000	8.5	160	0.90	0.6	15	2	-20	-5000	120	100	0.7	M	10	
MOSH022S1	29-37.4094-91.3126-4-50-000	8.4	115	0.90	1.5	5	4	39	20900	M	500	2.1	M	M	
MOSH023S1	29-37.3554-91.4412-4-50-000	8.0	170	1.00	1.8	3	6	21	11500	640	700	2.9	M	20	
MOSH024S1	29-37.3448-91.4509-4-50-000	8.3	160	1.20	1.9	4	3	36	18200	1120	800	3.1	M	M	
MOSH025S1	29-36.9873-91.4423-4-50-000	M	M	M	4.0	14	15	60	19500	440	2000	7.4	M	M	
MOSH026S1	29-36.9664-91.4197-4-50-000	M	M	M	3.9	7	12	54	15200	740	1700	5.1	1600	M	
MOSH027S1	29-36.9177-91.4554-4-50-000	M	M	M	3.1	8	10	37	11600	2480	1400	4.2	2700	M	
MOSH028S1	29-36.8954-91.4628-4-50-000	M	M	M	3.8	10	13	57	16400	460	2000	5.5	1100	M	
MOSH029S1	29-36.8937-91.4129-4-50-000	M	M	M	2.1	4	7	32	9700	770	700	2.3	M	M	
MOSH030S1	29-36.9285-91.3871-4-50-000	M	M	M	4.0	13	14	78	21700	1120	1600	3.0	M	M	
MOSH031S1	29-36.9458-91.3686-4-50-000	M	M	M	3.6	11	11	54	23600	1270	1600	6.6	M	M	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOSH032S1	29-36.8860-91.3298-4-50-000	M	M	M	3.3	8	7	43	16200	980	1400	5.0	4700	M
MOSH033S1	29-36.9574-91.3121-4-50-000	M	M	M	3.8	10	1	74	19400	1130	2900	1.6	M	M
MOSH034S1	29-36.9215-91.2309-4-50-000	M	M	M	3.7	6	10	28	11100	1100	1900	4.2	1600	M
MOSH035S1	29-36.9385-91.2531-4-50-000	M	M	M	3.8	13	9	58	18400	2670	1400	2.2	M	M
MOSH036S1	29-36.9721-91.2699-4-50-000	M	M	M	3.2	10	M	70	27600	1310	1000	6.3	M	M
MOSH037S1	29-36.9889-91.2936-4-50-000	M	M	M	1.6	5	4	24	7400	530	400	1.8	M	M
MOSH038S1	29-36.9731-91.2300-4-50-000	M	M	M	1.9	4	5	41	16300	M	500	1.2	M	10
MOSH039S1	29-36.9910-91.2283-4-50-000	M	M	M	3.6	11	M	88	21600	1230	2200	8.0	2200	20
MOSH040S1	29-36.9986-91.2540-4-50-000	M	M	M	3.3	6	14	52	18900	990	1000	5.7	M	M
MOSH041S1	29-37.0249-91.2791-4-50-000	7.3	130	1.40	3.6	5	9	59	16300	1000	1000	5.4	M	M
MOSH042S1	29-37.1194-91.3828-4-50-000	8.1	370	4.00	1.3	4	M	18	11000	M	500	2.3	1900	20
MOSH043S1	29-37.1123-91.3329-4-50-000	8.0	330	3.60	3.9	13	8	92	26900	1980	2300	9.1	M	M
MOSH044S1	29-36.9985-91.6247-4-50-000	M	M	M	2.9	7	7	20	11300	160	600	2.0	M	20
MOSH045S1	29-37.0192-91.5883-4-50-000	M	M	M	2.5	7	13	52	16200	760	M	4.1	M	10
MOSH046S1	29-37.0228-91.5200-4-50-000	M	M	M	4.5	10	M	50	35600	M	1800	0.9	M	M
MOSH047S1	29-37.0249-91.4436-4-50-000	M	M	M	2.2	2	9	9	15200	M	500	2.6	M	M
MOSH048S1	29-37.0701-91.4369-4-50-000	M	M	M	1.9	3	8	12	10200	M	M	0.7	M	M
MOSH049S1	29-37.0913-91.4238-4-50-000	M	M	M	2.0	4	7	46	10500	900	900	3.0	1600	M
MOSH050S1	29-37.1384-91.4434-4-50-000	M	M	M	1.3	M	3	-20	7600	610	600	1.9	M	M
MOSH051S1	29-37.1353-91.5063-4-50-000	M	M	M	2.5	5	4	20	20400	290	300	4.9	M	M
MOSH052S1	29-37.2064-91.5347-4-50-000	M	M	M	1.7	4	3	37	11200	550	800	3.2	M	M
MOSH053S1	29-37.2569-91.4852-4-50-000	M	M	M	2.1	3	3	66	14100	M	1200	3.4	M	10
MOSH054S1	29-37.2596-91.4606-4-50-000	M	M	M	3.9	6	4	-20	16200	M	3800	6.1	M	20
MOSH055S1	29-37.3932-91.6161-4-50-000	M	M	M	1.3	3	5	32	6100	260	800	1.5	M	20
MOSH056S1	29-37.3781-91.6313-4-50-000	M	M	M	2.3	4	7	11	9800	410	1000	2.6	2500	10
MOSH057S1	29-37.2800-91.6195-4-50-000	M	M	M	3.3	9	10	56	15800	770	2000	4.8	7000	M
MOSH058S1	29-37.1712-91.6231-4-50-000	M	M	M	2.7	3	8	48	14300	1100	1200	2.8	M	M
MOSH059S1	29-37.1016-91.4045-4-50-000	M	M	M	1.6	3	8	20	9300	320	600	1.8	M	M
MOSH060S1	29-37.0751-91.3811-4-50-000	M	M	M	1.4	2	4	20	7800	440	300	1.8	M	10
MOSH061S1	29-37.0053-91.4090-4-50-000	M	M	M	1.5	4	6	37	17800	M	300	2.3	800	20
MOSH062S1	29-37.0279-91.3969-4-50-000	M	M	M	2.2	5	8	32	7500	690	600	2.0	M	M
MOSH063S1	29-37.0082-91.3571-4-50-000	M	M	M	3.3	7	10	50	34400	100	300	7.5	M	M
MOSH064S1	29-37.2605-91.5585-4-50-000	M	M	M	3.9	8	10	51	20100	270	1000	6.1	M	M
MOSH065S1	29-37.2610-91.6003-4-50-000	M	M	M	2.0	5	3	19	10400	260	900	1.8	1400	10
MOSH066S1	29-37.2558-91.6469-4-50-000	M	M	M	1.9	5	6	-20	17300	M	500	2.7	M	20
MOSH067S1	29-37.2246-91.6505-4-50-000	M	M	M	3.1	7	14	68	16500	M	1700	3.3	M	20
MOSH068S1	29-37.1941-91.6272-4-50-000	M	M	M	4.2	12	7	51	23000	250	900	5.4	9000	M
MOSH069S1	29-37.2141-91.6177-4-50-000	M	M	M	1.5	4	4	18	9200	M	500	1.3	1900	M
MOSH070S1	29-37.0993-91.3281-4-50-000	7.9	250	3.10	3.2	7	8	61	11900	560	1600	5.0	M	M
MOSH071S1	29-37.0509-91.2943-4-50-000	7.7	20	0.20	3.1	5	9	45	10400	340	1200	4.2	M	20
MOSH072S1	29-37.0849-91.2540-4-50-000	M	M	M	1.3	2	6	32	8100	M	200	1.5	M	10
MOSH073S1	29-37.0924-91.2101-4-50-000	M	M	M	2.4	5	11	25	7200	380	600	3.0	3900	M
MOSH074S1	29-37.1290-91.1952-4-50-000	7.7	160	1.80	2.4	6	20	21	21000	580	500	4.1	M	M
MOSH075S1	29-37.1107-91.2475-4-50-000	7.9	250	2.40	2.1	5	12	48	16300	1660	700	3.2	2000	20
MOSH076S1	29-37.1330-91.2773-4-50-000	8.0	330	2.80	1.6	6	8	45	16500	680	600	3.4	M	20
MOSH077S1	29-37.1238-91.3037-4-50-000	7.9	300	3.40	1.0	1	6	-24	-5000	230	400	1.2	M	M
MOSH078S1	29-37.1642-91.2979-4-50-000	8.2	370	3.80	1.5	M	3	23	9400	M	600	2.0	M	M
MOSH079S1	29-37.1698-91.2642-4-50-000	M	M	M	2.3	4	15	47	17300	M	800	3.8	M	20
MOSH080S1	29-37.1926-91.1720-4-50-000	8.1	320	3.00	2.3	8	6	77	27100	M	1000	4.2	M	M
MOSH081S1	29-37.1979-91.1078-4-50-000	M	M	M	1.7	4	5	-20	20500	1000	600	3.2	1600	30
MOSH082S1	29-37.1825-91.0933-4-50-000	M	M	M	2.4	5	10	39	9700	1270	1300	2.4	M	M
MOSH083S1	29-37.1622-91.1274-4-50-000	M	M	M	2.8	5	3	55	12700	M	1600	4.2	1500	10
MOSH084S1	29-37.3298-91.3996-4-50-000	8.5	290	2.80	1.5	4	5	14	13300	M	500	1.8	M	M
MOSH085S1	29-37.3548-91.3833-4-50-000	8.4	260	3.20	2.7	7	8	89	23500	830	800	5.4	M	M
MOSH086S1	29-37.3373-91.2906-4-50-000	M	M	M	0.9	2	1	18	9900	M	M	1.0	M	M

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
MOSH087S1	29-37.3123-91.3288-4-50-000	8.5	250	2.60	1.1	2	2	15	10000	M	600	1.7	1700	10	
MOSH088S1	29-37.3383-91.2716-4-50-000	8.4	200	2.40	1.0	M	7	27	8300	320	500	1.6	M	10	
MOSH089S1	29-37.3707-91.2723-4-50-000	9.1	240	2.60	1.1	2	5	21	7000	M	100	1.0	M	10	
MOSH090S1	29-37.3616-91.2423-4-50-000	8.0	235	2.20	2.5	4	6	140	11100	870	1200	1.7	M	30	
MOSH091S1	29-37.3724-91.2203-4-50-000	M	M	M	2.1	3	13	-27	11400	1060	1100	4.4	2500	20	
MOSH092S1	29-37.3913-91.1905-4-50-000	8.2	85	2.20	0.6	M	3	7	6200	200	100	0.7	300	10	
MOSH093S1	29-37.3163-91.2074-4-50-000	M	M	M	3.2	12	M	98	26700	1540	1300	3.6	4100	70	
MOSH094S1	29-37.2458-91.2068-4-50-000	M	M	M	2.2	6	2	33	14300	810	1000	4.1	M	30	
MOSH095S1	29-37.2345-91.2217-4-50-000	8.1	220	0.80	2.9	8	6	51	15500	890	1100	5.6	3000	40	
MOSH096S1	29-37.1490-91.6216-4-50-000	M	M	M	3.2	7	12	33	20600	350	1100	5.0	3600	50	
MOSH097S1	29-37.1400-91.5826-4-50-000	M	M	M	2.3	5	8	34	8200	500	1000	2.3	2500	30	
MOSH098S1	29-37.1125-91.6371-4-50-000	M	M	M	3.8	8	12	65	19900	290	1200	5.7	4700	60	
MOSH099S1	29-37.0937-91.6381-4-50-000	M	M	M	3.2	10	12	47	15400	1550	1900	4.4	5100	50	
MOST001S1	29-36.9238-89.5529-4-50-000	7.2	150	1.40	3.2	21	22	103	51100	1070	10300	7.2	M	100	
MOST002S1	29-36.9216-89.6307-4-50-000	7.2	170	1.60	1.7	4	8	20	10300	2470	11500	2.6	3900	40	
MOST003S1	29-36.8931-89.6213-4-50-000	7.1	200	1.70	2.0	5	11	44	20200	710	9300	3.8	3700	30	
MOST004S1	29-36.8930-89.6532-4-50-000	7.1	180	1.55	2.4	6	12	47	15100	950	12000	2.7	4900	40	
MOST005S1	29-36.8749-89.6665-4-50-000	6.3	60	0.40	1.8	4	7	24	10700	250	8300	3.0	3100	30	
MOST006S1	29-36.9355-89.6701-4-50-000	7.1	200	1.55	2.0	8	11	52	16100	1700	14000	4.0	5100	50	
MOST007S1	29-36.9622-89.7033-4-50-000	6.5	100	0.62	3.0	16	9	87	47500	170	M	12.1	M	M	
MOST008S1	29-36.9629-89.6774-4-50-000	7.1	200	1.80	2.1	5	13	115	19700	1960	9800	4.3	3200	40	
MOST009S1	29-36.9534-89.5759-4-50-000	7.3	150	1.55	3.7	18	18	88	25300	2570	15700	5.5	10500	110	
MOST010S1	29-36.9528-89.5436-4-50-000	6.6	130	1.30	1.9	8	M	57	16100	330	11000	4.6	5000	40	
MOST011S1	29-37.0005-89.5495-4-50-000	6.0	190	0.20	1.9	10	14	58	18000	220	9600	5.2	3100	30	
MOST012S1	29-37.0103-89.5955-4-50-000	7.5	150	1.45	2.6	10	14	66	26300	2810	13700	6.1	9300	70	
MOST013S1	29-36.9934-89.6496-4-50-000	6.9	170	2.40	2.4	12	M	53	29700	650	8900	5.9	4300	40	
MOST014S1	29-37.0173-89.6575-4-50-000	6.8	160	1.00	2.5	6	9	47	14600	340	13800	3.5	5000	60	
MOST015S1	29-37.0058-89.7226-4-50-000	6.8	115	0.90	2.3	8	10	38	32900	2120	12000	5.5	M	70	
MOST016S1	29-37.0387-89.7321-4-50-000	M	M	M	4.0	12	3	-20	47100	360	3300	14.3	3500	100	
MOST017S1	29-37.0534-89.7006-4-50-000	6.8	70	0.42	1.8	7	6	27	10000	220	13700	3.5	3000	40	
MOST018S1	29-37.0503-89.6566-4-50-000	7.2	200	1.85	1.4	3	5	14	11400	240	7300	1.9	M	20	
MOST019S1	29-37.0502-89.6052-4-50-000	M	M	M	12.6	35	299	186	33500	850	2700	10.5	22100	80	
MOST020S1	29-37.0558-89.5513-4-50-000	7.2	150	1.50	2.1	10	M	60	17200	590	16100	5.3	5100	70	
MOST021S1	29-37.0933-89.5423-4-50-000	6.7	170	1.45	2.5	14	11	59	19000	320	10900	5.2	5200	50	
MOST022S1	29-37.0414-89.5230-4-50-000	7.0	120	1.05	1.9	10	M	66	17800	640	17000	4.5	6300	80	
MOST023S1	29-37.0407-89.4799-4-50-000	6.7	280	0.12	1.9	7	11	28	8500	180	17300	1.4	4000	30	
MOST024S1	29-37.0436-89.4194-4-50-000	6.7	90	0.40	3.3	13	6	61	42100	400	4300	15.5	4000	120	
MOST025S1	29-37.0444-89.4601-4-50-000	6.7	170	1.35	2.3	10	11	45	17800	470	8100	5.2	M	60	
MOST026S1	29-37.0858-89.4893-4-50-000	6.7	220	1.85	2.8	M	M	M	M	290	14000	M	4700	60	
MOST027S1	29-36.9907-89.3961-4-50-000	6.8	110	1.65	2.6	8	7	45	19500	350	9700	6.1	6600	60	
MOST028S1	29-36.9046-89.4982-4-50-000	7.1	70	0.70	1.9	8	10	46	22700	650	15000	2.7	5500	70	
MOST029S1	29-36.9387-89.4911-4-50-000	7.1	70	0.70	3.5	17	13	91	46200	1560	14700	10.1	6300	90	
MOST030S1	29-36.9541-89.4561-4-50-000	6.9	120	0.90	2.3	10	17	79	18500	330	9800	5.3	M	40	
MOST031S1	29-36.9751-89.5023-4-50-000	7.2	130	0.90	5.9	33	38	179	76700	M	12200	8.6	M	M	
MOST032S1	29-37.0107-89.4949-4-50-000	7.1	100	0.34	2.1	13	14	94	26200	550	16200	6.7	1600	60	
MOST033S1	29-36.9977-89.4405-4-50-000	7.3	90	0.54	1.9	6	13	50	17400	460	10100	4.9	3200	50	
MOST034S1	29-37.0200-89.4051-4-50-000	7.2	60	0.40	3.4	13	M	58	32000	350	3600	12.3	3500	140	
MOST035S1	29-37.1184-89.5059-4-50-000	7.2	70	0.32	3.6	7	18	48	14500	900	6900	2.2	M	40	
MOST036S1	29-37.0933-89.6885-4-50-000	7.3	50	0.40	2.7	9	16	95	26200	M	13000	4.9	M	70	
MOST037S1	29-37.0673-89.7358-4-50-000	7.2	90	0.44	3.1	9	7	54	23700	990	5800	7.7	M	70	
MOST038S1	29-37.1109-89.7190-4-50-000	7.2	50	0.40	3.2	8	8	84	31800	840	7200	9.9	3900	80	
MOST039S1	29-37.0825-89.7551-4-50-000	7.3	80	0.66	3.0	6	8	56	18700	530	12000	6.2	5200	80	
MOST040S1	29-37.0868-89.6188-4-50-000	7.5	140	1.40	5.0	9	51	65	18000	750	6200	4.0	7900	40	
MOST041S1	29-37.0889-89.5723-4-50-000	7.5	70	0.46	2.8	7	18	67	13300	1470	5900	4.0	M	40	
MOST042S1	29-36.8737-89.5470-4-50-000	6.8	100	0.95	1.4	5	8	69	15400	1100	12100	3.8	3700	30	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOST043S1	29-37.1163-89.5571-4-50-000	7.1	70	0.54	3.8	9	1	48	16500	1050	7600	4.6	M	50
MOST044S1	29-37.1237-89.6189-4-50-000	7.0	120	0.88	2.9	7	14	58	19200	1710	7800	4.2	6900	50
MOST045S1	29-37.1305-89.6499-4-50-000	6.4	70	0.44	3.1	8	7	50	17100	740	12600	4.7	6300	80
MOST046S1	29-37.1450-89.6285-4-50-000	6.7	75	0.22	2.8	7	15	62	22900	1850	8200	4.0	4400	60
MOST047S1	29-37.1686-89.6719-4-50-000	7.0	90	0.72	3.6	10	21	48	14000	490	14700	5.2	8100	60
MOST048S1	29-37.1990-89.6054-4-50-000	7.0	100	0.72	2.8	9	20	-20	18400	900	8200	2.4	3700	40
MOST049S1	29-37.1745-89.5849-4-50-000	7.0	100	0.92	4.0	7	19	76	16400	560	9600	4.8	4200	50
MOST050S1	29-37.1452-89.5930-4-50-000	7.1	60	0.50	3.0	14	21	87	22200	890	8900	6.4	3400	40
MOST051S1	29-37.2004-89.5526-4-50-000	7.2	150	1.25	3.1	9	15	73	19100	760	8100	5.3	4800	50
MOST052S1	29-37.1794-89.5351-4-50-000	7.2	80	0.75	3.2	13	20	94	27400	1390	8400	7.7	5400	50
MOST053S1	29-37.1620-89.5310-4-50-000	7.2	70	0.50	3.1	10	16	62	15000	550	8300	5.3	5100	50
MOST054S1	29-37.1992-89.5100-4-50-000	7.3	190	1.40	3.2	6	10	82	22800	1400	9000	4.6	M	60
MOST055S1	29-37.2315-89.4792-4-50-000	7.7	120	2.80	2.9	9	19	64	19900	400	9000	5.4	5700	50
MOST056S1	29-37.2160-89.5533-4-50-000	7.6	170	1.45	3.0	11	10	63	28600	950	M	8.0	M	M
MOTE001S1	29-37.5529-91.8781-4-50-000	M	M	M	1.8	8	7	18	9300	550	1000	2.3	1300	20
MOTE002S1	29-37.5956-91.8690-4-50-000	7.6	80	1.82	1.0	2	7	15	7800	140	600	0.5	800	10
MOTE003S1	29-37.5845-91.8613-4-50-000	7.4	65	0.38	0.7	1	6	12	-5000	90	300	0.6	500	10
MOTE004S1	29-37.5816-91.8089-4-50-000	M	M	M	3.6	7	9	69	23100	1600	2600	7.3	4400	60
MOTE005S1	29-37.5687-91.8409-4-50-000	7.6	50	0.22	1.9	6	10	24	10100	320	1100	1.1	1300	20
MOTE006S1	29-37.5687-91.7589-4-50-000	7.4	95	0.30	3.9	11	14	89	17500	1430	2400	4.9	5500	50
MOTE007S1	29-37.5242-91.8023-4-50-000	M	M	M	1.1	M	3	21	9600	110	400	2.2	900	20
MOTE008S1	29-37.5265-91.7741-4-50-000	7.5	135	1.10	0.9	3	9	8	-5000	180	400	1.0	600	10
MOTE009S1	29-37.5106-91.8677-4-50-000	8.2	550	3.10	3.6	10	13	67	22900	920	1600	5.7	2900	50
MOTE010S1	29-37.5347-91.9126-4-50-000	7.8	155	0.95	2.6	8	13	46	14400	870	1500	3.8	2500	30
MOTE011S1	29-37.5588-91.9247-4-50-000	8.3	100	0.55	2.9	10	14	43	17000	700	1400	3.4	3000	30
MOTE012S1	29-37.5897-91.9402-4-50-000	7.4	50	0.20	3.3	10	16	46	15500	640	2100	2.9	3700	40
MOTE013S1	29-37.5812-91.9879-4-50-000	M	M	M	1.9	6	10	22	12600	540	900	2.6	1900	30
MOTE014S1	29-37.4890-91.9527-4-50-000	8.1	165	1.60	1.0	7	6	-21	8700	290	600	1.4	800	10
MOTE015S1	29-37.5082-92.0026-4-50-000	8.1	210	2.50	3.4	9	12	49	17200	320	2800	5.9	3900	50
MOTE016S1	29-37.4709-91.9995-4-50-000	8.3	220	2.50	2.0	5	11	32	10700	370	1600	3.0	1800	30
MOTE017S1	29-37.4509-92.0594-4-50-000	7.8	140	1.20	3.2	8	13	57	24200	720	1200	3.8	2600	40
MOTE018S1	29-37.4327-92.0524-4-50-000	8.1	245	2.30	3.2	7	9	88	38400	1940	1400	6.0	5300	70
MOTE019S1	29-37.2855-91.9629-4-50-000	8.4	250	2.40	2.4	7	10	64	21100	650	1100	4.3	1900	40
MOTE020S1	29-37.2691-91.9822-4-50-000	8.4	255	2.60	1.6	4	7	20	11700	350	800	1.8	1100	20
MOTE021S1	29-37.3281-92.0426-4-50-000	8.5	250	2.40	2.3	8	7	56	23800	920	1000	4.4	1800	40
MOTE022S1	29-37.3143-92.0742-4-50-000	8.3	220	1.90	2.4	5	10	41	26300	810	1000	3.1	1600	40
MOTE023S1	29-37.2874-92.0737-4-50-000	8.4	270	3.10	1.9	3	7	45	15500	530	1000	2.9	1500	30
MOTE024S1	29-37.3107-92.1155-4-50-000	7.9	280	3.00	2.6	7	10	51	17900	720	1300	4.6	1900	40
MOTE025S1	29-37.3013-92.1364-4-50-000	8.5	290	4.50	2.1	8	8	49	21400	700	1100	3.1	2200	30
MOTE026S1	29-37.2709-92.1444-4-50-000	8.6	290	4.70	2.3	8	8	33	19400	810	1400	4.0	2200	40
MOTE027S1	29-37.2749-92.1771-4-50-000	8.4	290	4.60	2.1	6	11	41	13100	670	1000	2.6	1500	30
MOTE028S1	29-37.2863-92.2361-4-50-000	8.4	270	3.80	1.5	4	8	34	17700	420	1000	2.0	1400	30
MOTE029S1	29-37.2709-92.2300-4-50-000	8.4	300	4.30	1.4	4	4	32	15200	750	700	3.4	1100	20
MOTE030S1	29-37.2535-92.2377-4-50-000	M	M	M	2.2	5	6	38	20800	890	1000	6.5	2100	50
MOTE031S1	29-37.2211-92.2186-4-50-000	M	M	M	3.3	15	5	85	40900	830	1200	11.2	2800	60
MOTE032S1	29-37.2000-92.2180-4-50-000	8.5	275	3.50	2.9	11	8	57	28200	1470	1300	4.9	2800	60
MOTE033S1	29-37.1858-92.2445-4-50-000	8.4	240	3.10	2.2	5	8	44	21300	1170	700	2.7	1600	30
MOTE034S1	29-37.1674-92.2032-4-50-000	8.2	130	1.50	3.3	7	9	118	37000	3720	1200	6.2	3300	70
MOTE035S1	29-37.1439-92.2393-4-50-000	8.0	230	2.40	4.0	12	11	63	25800	810	2700	10.6	3600	90
MOTE036S1	29-37.2300-92.0162-4-50-000	7.5	150	1.50	2.5	7	8	74	25200	1310	700	2.9	1900	40
MOTE037S1	29-37.2364-92.0662-4-50-000	8.2	150	1.90	1.6	4	7	25	12300	600	700	2.3	1100	20
MOTE038S1	29-37.2549-92.0905-4-50-000	8.2	170	2.30	1.9	6	6	52	18500	960	1100	3.3	2000	40
MOTE039S1	29-37.2430-92.1189-4-50-000	8.1	165	1.90	2.5	7	9	48	17300	550	1100	3.6	1900	30
MOTE040S1	29-37.2221-92.1378-4-50-000	8.2	150	1.90	1.7	4	6	41	20600	840	400	2.2	1300	30
MOTE041S1	29-37.2348-92.1694-4-50-000	8.2	175	2.50	1.3	3	4	38	19600	610	600	1.2	1200	30

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOTE097S1	29-37.5069-92.1687-4-50-000	8.2	150	1.60	M	M	M	M	M	M	M	M	M	M
MOTE098S1	29-37.4855-92.1602-4-50-000	7.9	280	2.60	M	M	M	M	M	M	M	M	M	M
MOTE099S1	29-37.4449-92.1634-4-50-000	8.1	175	2.40	M	M	M	M	M	M	M	M	M	M
MOTE100S1	29-37.4535-92.1866-4-50-000	8.1	210	2.90	M	M	M	M	M	M	M	M	M	M
MOTE101S1	29-37.4132-92.1332-4-50-000	8.3	220	3.30	M	M	M	M	M	M	M	M	M	M
MOTE102S1	29-37.4022-92.1102-4-50-000	8.0	240	3.70	M	M	M	M	M	M	M	M	M	M
MOTE103S1	29-37.5839-92.1845-4-50-000	8.0	90	0.85	M	M	M	M	M	M	M	M	M	M
MOTE104S1	29-37.5823-92.1143-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOTE105S1	29-37.5526-92.1193-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOTE106S1	29-37.5538-92.0498-4-50-000	7.5	130	1.60	M	M	M	M	M	M	M	M	M	M
MOTE107S1	29-37.5077-92.1087-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOTE108S1	29-37.4924-92.0884-4-50-000	7.7	85	0.75	M	M	M	M	M	M	M	M	M	M
MOTE109S1	29-37.2397-91.9520-4-50-000	8.0	225	3.70	M	M	M	M	M	M	M	M	M	M
MOTE110S1	29-37.2097-91.9850-4-50-000	7.9	200	2.50	M	M	M	M	M	M	M	M	M	M
MOTE111S1	29-37.1760-91.9582-4-50-000	7.8	265	4.10	M	M	M	M	M	M	M	M	M	M
MOTE112S1	29-37.1474-91.9552-4-50-000	8.0	165	2.10	M	M	M	M	M	M	M	M	M	M
MOTE113S1	29-37.1322-91.9857-4-50-000	7.5	165	2.40	M	M	M	M	M	M	M	M	M	M
MOTE114S1	29-37.1621-92.0120-4-50-000	8.2	200	2.50	M	M	M	M	M	M	M	M	M	M
MOTE115S1	29-37.1712-92.0530-4-50-000	8.1	190	2.70	M	M	M	M	M	M	M	M	M	M
MOTE116S1	29-37.1624-92.0823-4-50-000	7.9	220	3.90	M	M	M	M	M	M	M	M	M	M
MOTE117S1	29-37.1667-92.1187-4-50-000	8.3	130	1.70	M	M	M	M	M	M	M	M	M	M
MOTE118S1	29-37.1258-92.0755-4-50-000	7.1	210	2.80	M	M	M	M	M	M	M	M	M	M
MOTE119S1	29-37.0852-92.0223-4-50-000	8.2	75	0.95	M	M	M	M	M	M	M	M	M	M
MOTE120S1	29-37.0921-91.9932-4-50-000	7.5	35	0.22	M	M	M	M	M	M	M	M	M	M
MOTE121S1	29-37.0901-91.9311-4-50-000	8.3	210	3.10	M	M	M	M	M	M	M	M	M	M
MOTE122S1	29-37.0644-91.9334-4-50-000	7.4	55	0.50	M	M	M	M	M	M	M	M	M	M
MOTE123S1	29-37.0797-91.8995-4-50-000	8.3	294	3.70	M	M	M	M	M	M	M	M	M	M
MOTE124S1	29-37.1030-91.8943-4-50-000	8.3	250	3.10	M	M	M	M	M	M	M	M	M	M
MOTE125S1	29-37.0922-91.8578-4-50-000	8.3	265	4.20	M	M	M	M	M	M	M	M	M	M
MOTE126S1	29-37.0720-91.8423-4-50-000	8.2	160	2.00	M	M	M	M	M	M	M	M	M	M
MOTE127S1	29-37.0762-91.8150-4-50-000	7.9	130	2.00	M	M	M	M	M	M	M	M	M	M
MOTE128S1	29-37.0721-91.7929-4-50-000	8.4	250	3.60	M	M	M	M	M	M	M	M	M	M
MOTE129S1	29-37.0536-91.7120-4-50-000	7.7	230	1.80	M	M	M	M	M	M	M	M	M	M
MOTE130S1	29-37.0990-91.7121-4-50-000	7.9	300	4.50	M	M	M	M	M	M	M	M	M	M
MOTE131S1	29-37.1129-91.6784-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOTE132S1	29-37.1139-91.7607-4-50-000	8.1	190	2.70	M	M	M	M	M	M	M	M	M	M
MOTE133S1	29-37.1780-91.7261-4-50-000	7.6	50	0.40	M	M	M	M	M	M	M	M	M	M
MOTE134S1	29-37.1872-91.7407-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOTE135S1	29-37.2278-91.7063-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOTE136S1	29-37.2283-91.6679-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOTE137S1	29-37.2884-91.6566-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOTE138S1	29-37.2774-91.7048-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOTE139S1	29-37.1578-91.6891-4-50-000	7.5	30	0.20	M	M	M	M	M	M	M	M	M	M
MOTE140S1	29-37.2236-91.7866-4-50-000	M	M	M	M	M	M	M	M	M	M	M	M	M
MOTE141S1	29-37.2390-91.7937-4-50-000	7.3	190	4.30	M	M	M	M	M	M	M	M	M	M
MOWS001S1	29-37.7820-90.7455-4-50-000	6.8	60	0.30	1.6	4	14	22	5800	180	900	1.6	1200	20
MOWS002S1	29-37.7883-90.7040-4-50-000	8.5	550	5.80	2.6	7	8	51	20300	1690	1500	5.5	1600	50
MOWS003S1	29-37.9831-90.7265-4-50-000	8.9	110	1.60	4.3	5	11	30	13400	510	1500	10.0	1400	40
MOWS004S1	29-37.9899-90.6449-4-50-000	8.4	250	6.00	2.0	6	6	21	44900	2910	1700	4.3	1600	30
MOWS005S1	29-38.0225-90.6604-4-50-000	8.6	240	3.40	3.6	5	10	-20	33000	310	M	12.4	500	60
MOWS006S1	29-38.0318-90.6440-4-50-000	8.5	100	4.30	3.4	7	5	51	45200	580	1700	7.9	3000	110
MOWS007S1	29-38.0110-90.6882-4-50-000	8.2	205	3.10	3.4	9	7	39	26800	570	1000	10.9	1000	40
MOWS008S1	29-37.9702-90.6512-4-50-000	M	M	M	4.1	11	8	53	48400	340	2000	9.0	2800	100
MOWS009S1	29-37.9407-90.8057-4-50-000	6.8	225	3.20	1.5	M	M	-20	11300	360	300	0.4	400	10
MOWS010S1	29-37.9637-90.8547-4-50-000	7.2	325	4.10	M	7	10	78	25400	1620	3200	6.9	4100	110

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- STATE OF MISSOURI

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
MOWS011S1	29-37.9736-90.8876-4-50-000	7.6	290	4.40	3.6	2	9	8	-6300	40	M	7.0	M	60
MOWS012S1	29-37.9666-90.9260-4-50-000	7.8	150	2.80	1.7	3	11	22	8800	700	800	2.6	1600	20
MOWS013S1	29-37.9524-90.9472-4-50-000	M	M	M	2.7	8	7	52	18900	830	2900	2.7	2800	50
MOWS014S1	29-37.9221-90.9682-4-50-000	M	M	M	2.8	8	12	33	8200	660	2000	3.4	2000	30
MOWS015S1	29-37.9202-91.0059-4-50-000	7.7	200	2.30	1.6	2	8	16	-5000	50	600	1.6	400	10
MOWS016S1	29-37.9119-91.0384-4-50-000	M	M	M	2.3	6	10	25	9500	480	2100	2.8	2000	20
MOWS017S1	29-37.9071-91.0558-4-50-000	7.8	195	2.90	1.6	M	6	-26	27400	390	400	1.9	700	30
MOWS018S1	29-37.8943-91.0824-4-50-000	M	M	M	2.0	5	10	61	-5000	420	1200	2.2	1300	20
MOWS019S1	29-37.8685-91.0411-4-50-000	M	M	M	2.4	6	11	26	11500	520	1500	3.6	2100	20
MOWS020S1	29-37.8409-91.0510-4-50-000	M	M	M	3.2	7	8	48	10400	1540	2000	4.6	2800	40
MOWS021S1	29-37.8398-91.0194-4-50-000	7.2	235	2.10	1.8	3	3	13	10800	170	100	1.4	300	10
MOWS022S1	29-37.8441-90.9964-4-50-000	7.8	260	5.40	2.4	4	2	30	22500	300	500	2.2	1000	40
MOWS023S1	29-37.8247-90.9384-4-50-000	7.8	210	3.90	1.8	4	7	16	20000	570	1100	2.9	1400	30
MOWS024S1	29-37.8103-90.9714-4-50-000	8.0	240	3.90	1.8	3	4	21	12400	220	300	1.0	600	20
MOWS025S1	29-37.7780-91.0668-4-50-000	7.8	220	3.30	2.3	6	6	19	11100	590	1000	1.7	2100	30
MOWS026S1	29-37.7599-91.0770-4-50-000	8.1	240	3.50	1.7	M	3	13	7500	320	400	1.0	500	20
MOWS027S1	29-37.9185-90.7482-4-50-000	7.9	150	3.90	4.0	3	10	21	15400	460	1000	7.0	700	20
MOWS028S1	29-37.9449-90.7220-4-50-000	8.3	240	3.20	3.0	8	8	54	30800	730	2200	3.7	2300	60
MOWS029S1	29-37.9333-90.7333-4-50-000	M	M	M	4.7	5	12	29	11800	M	M	9.6	200	40
MOWS030S1	29-37.7539-91.0603-4-50-000	8.1	240	4.80	1.2	3	3	13	6900	130	600	2.6	700	20
MOWS031S1	29-37.9259-90.7762-4-50-000	8.2	140	5.60	3.9	5	4	32	-5000	250	1200	2.1	200	60
MOWS032S1	29-37.8750-90.7419-4-50-000	M	M	M	3.7	12	11	54	21100	1210	2400	5.0	4300	50
MOWS033S1	29-37.8742-90.7168-4-50-000	8.4	135	2.40	4.0	5	11	25	6800	290	900	7.6	200	10
MOWS034S1	29-37.8603-90.7288-4-50-000	8.5	220	2.20	3.3	8	10	47	21600	1190	2700	6.5	3200	50
MOWS035S1	29-37.8793-90.6607-4-50-000	8.6	240	4.00	2.6	4	7	27	12900	270	900	6.8	1000	20
MOWS036S1	29-37.9099-90.8863-4-50-000	7.9	150	2.00	0.6	4	4	-20	5300	150	200	0.8	400	10
MOWS037S1	29-37.9110-90.9186-4-50-000	8.0	170	2.50	0.7	M	3	M	M	110	400	M	500	10
MOWS038S1	29-37.8750-90.9330-4-50-000	8.4	60	0.40	1.7	M	6	M	M	360	700	1.3	300	10
MOWS039S1	29-37.8732-90.9705-4-50-000	M	M	M	2.6	2	11	10	-5000	60	300	3.1	M	10
MOWS040S1	29-37.8777-90.8770-4-50-000	7.6	125	1.60	4.6	9	12	70	19000	110	4300	6.5	3100	50
MOWS041S1	29-37.7799-90.9982-4-50-000	8.1	190	3.00	0.8	M	M	-20	7300	140	600	0.7	600	10
MOWS042S1	29-37.7463-90.9642-4-50-000	8.2	110	3.00	1.9	5	5	22	10400	820	M	2.4	200	40
MOWS043S1	29-37.7570-90.9917-4-50-000	8.1	150	2.50	1.6	M	5	M	M	110	200	1.6	200	10
MOWS044S1	29-37.7760-91.0287-4-50-000	8.3	200	2.70	3.5	8	9	57	14700	850	1800	6.5	3100	50
MOWS045S1	29-37.7915-91.0625-4-50-000	8.3	220	3.00	3.3	M	7	-20	8200	290	800	3.4	300	10
MOWS046S1	29-37.7769-90.9185-4-50-000	M	M	M	2.2	7	9	21	8300	480	900	2.1	1400	30
MOWS047S1	29-37.7889-90.8082-4-50-000	7.7	100	2.40	3.1	8	11	79	25600	1720	1900	3.8	4000	50
MOWS048S1	29-37.7786-90.8809-4-50-000	8.3	80	2.20	1.7	5	3	63	34600	860	1700	5.1	3100	40
MOWS049S1	29-37.7590-90.8802-4-50-000	8.3	75	2.00	1.6	4	6	13	7300	180	400	4.5	400	10
MOWS050S1	29-37.7418-90.8901-4-50-000	8.6	50	0.60	2.8	2	7	26	10800	280	800	5.1	1000	10
MOWS051S1	29-37.7445-90.8578-4-50-000	8.4	60	1.50	2.5	M	6	-20	5600	160	300	3.2	300	10
MOWS052S1	29-38.0325-90.7529-4-50-000	8.2	220	4.80	3.3	4	6	40	27000	930	1900	6.9	2400	80
MOWS053S1	29-38.0638-90.7489-4-50-000	8.3	260	4.20	3.0	2	5	9	9200	260	700	2.1	500	10
MOWS054S1	29-38.0098-90.7534-4-50-000	8.0	240	3.50	3.1	8	11	47	13700	950	2300	5.3	2300	50
MOWS055S1	29-38.1351-90.7595-4-50-000	M	M	M	3.0	3	7	13	9100	280	600	4.3	M	10
MOWS056S1	29-38.1522-90.7439-4-50-000	8.6	222	2.40	9.8	8	11	37	18900	1020	2800	4.8	2400	50
MOWS057S1	29-38.1694-90.7762-4-50-000	8.6	240	3.00	3.2	M	11	47	10700	490	1100	5.5	1000	10
MOWS058S1	29-38.1583-90.8263-4-50-000	8.5	240	4.70	3.5	7	8	55	28900	1050	2500	6.1	2700	120
MOWS059S1	29-38.1306-90.8313-4-50-000	M	M	M	1.3	M	3	M	M	110	100	1.8	M	M
MOWS060S1	29-38.1019-90.8238-4-50-000	M	M	M	3.4	10	19	58	35900	980	1400	7.5	2800	90
MOWS061S1	29-38.1424-90.8249-4-50-000	8.4	230	3.70	2.0	4	7	10	7800	240	500	2.3	200	10
MOWS062S1	29-38.1677-90.8459-4-50-000	8.1	330	5.00	3.0	10	4	60	30200	890	2300	7.3	2200	90
MOWS063S1	29-38.1527-90.8752-4-50-000	M	M	M	3.2	8	12	31	21500	150	2400	3.7	3800	50
MOWS064S1	29-38.1740-90.9432-4-50-000	8.3	210	4.80	2.3	9	6	69	31100	940	2300	3.8	3100	90
MOWS065S1	29-38.1940-90.9797-4-50-000	8.2	300	3.20	2.6	4	11	74	74300	450	1700	2.4	M	70

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	CY	EU	LA	SM	YB	LU
MOBA001S1	??	??	??	??	??	??	??
MOBA002S1	??	??	??	??	??	??	??
MOBA003S1	??	??	??	??	??	??	??
MOBA004S1	??	??	??	??	??	??	??
MOBA005S1	??	??	??	??	??	??	??
MOBA006S1	??	??	??	??	??	??	??
MOBA007S1	??	??	??	??	??	??	??
MOBA008S1	??	??	??	??	??	??	??
MOBA009S1	??	??	??	??	??	??	??
MOBA010S1	??	??	??	??	??	??	??
MOBA011S1	??	??	??	??	??	??	??
MOBA012S1	??	??	??	??	??	??	??
MOBA013S1	??	??	??	??	??	??	??
MOBA014S1	??	??	??	??	??	??	??
MOBA015S1	??	??	??	??	??	??	??
MOBA016S1	??	??	??	??	??	??	??
MOBA017S1	??	??	??	??	??	??	??
MOBA018S1	??	??	??	??	??	??	??
MOBA019S1	??	??	??	??	??	??	??
MOBA020S1	??	??	??	??	??	??	??
MOBA021S1	??	??	??	??	??	??	??
MOBA022S1	??	??	??	??	??	??	??
MOBA023S1	??	??	??	??	??	??	??
MOBA024S1	??	??	??	??	??	??	??
MOBA025S1	??	??	??	??	??	??	??
MOBA026S1	??	??	??	??	??	??	??
MOBA027S1	??	??	??	??	??	??	??
MOBA028S1	??	??	??	??	??	??	??
MOBA029S1	??	??	??	??	??	??	??
MOBA030S1	??	??	??	??	??	??	??
MOBA031S1	??	??	??	??	??	??	??
MOBA032S1	??	??	??	??	??	??	??
MOBA033S1	??	??	??	??	??	??	??
MOBA034S1	??	??	??	??	??	??	??
MOBA035S1	??	??	??	??	??	??	??
MOBA036S1	??	??	??	??	??	??	??
MOBA037S1	??	??	??	??	??	??	??
MOBA038S1	??	??	??	??	??	??	??
MOBA039S1	??	??	??	??	??	??	??
MOBA040S1	??	??	??	??	??	??	??
MOBA041S1	??	??	??	??	??	??	??
MOBA042S1	??	??	??	??	??	??	??
MOBA043S1	??	??	??	??	??	??	??
MOBA044S1	??	??	??	??	??	??	??
MOBA045S1	??	??	??	??	??	??	??
MOBA046S1	??	??	??	??	??	??	??
MOBA047S1	??	??	??	??	??	??	??
MOBA048S1	??	??	??	??	??	??	??
MOBA049S1	??	??	??	??	??	??	??
MOBA050S1	??	??	??	??	??	??	??

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SH	YB	LU
MOBA051S1	H	H	H	H	H	H	H
MOBA052S1	H	H	H	H	H	H	H
MOBA053S1	H	H	H	H	H	H	H
MOBA054S1	H	H	H	H	H	H	H
MOBA055S1	H	H	H	H	H	H	H
MOBA056S1	H	H	H	H	H	H	H
MOBA057S1	H	H	H	H	H	H	H
MOBA058S1	H	H	H	H	H	H	H
MOBA059S1	H	H	H	H	H	H	H
MOBA060S1	H	H	H	H	H	H	H
MOBA061S1	H	H	H	H	H	H	H
MOBA062S1	H	H	H	H	H	H	H
MOBA063S1	H	H	H	H	H	H	H
MOBA064S1	H	H	H	H	H	H	H
MOBA065S1	H	H	H	H	H	H	H
MOBA066S1	H	H	H	H	H	H	H
MOBA067S1	H	H	H	H	H	H	H
MOBA068S1	H	H	H	H	H	H	H
MOBA069S1	H	H	H	H	H	H	H
MOBA070S1	H	H	H	H	H	H	H
MOBA071S1	H	H	H	H	H	H	H
MOBA072S1	H	H	H	H	H	H	H
MOBA073S1	H	H	H	H	H	H	H
MOBA074S1	H	H	H	H	H	H	H
MOBA075S1	H	H	H	H	H	H	H
MOBA076S1	H	H	H	H	H	H	H
MOBA077S1	H	H	H	H	H	H	H
MOBA078S1	H	H	H	H	H	H	H
MOBA079S1	H	H	H	H	H	H	H
MOBA080S1	H	H	H	H	H	H	H
MOBA081S1	H	H	H	H	H	H	H
MOBA082S1	H	H	H	H	H	H	H
MOBA083S1	H	H	H	H	H	H	H
MOBA084S1	H	H	H	H	H	H	H
MOBA085S1	H	H	H	H	H	H	H
MOBA086S1	H	H	H	H	H	H	H
MOBA087S1	H	H	H	H	H	H	H
MOBA088S1	H	H	H	H	H	H	H
MOBA089S1	H	H	H	H	H	H	H
MOBA090S1	H	H	H	H	H	H	H
MOBA091S1	H	H	H	H	H	H	H
MOBA092S1	H	H	H	H	H	H	H
MOBA093S1	H	H	H	H	H	H	H
MOBA094S1	H	H	H	H	H	H	H
MOBA095S1	H	H	H	H	H	H	H
MOBA096S1	H	H	H	H	H	H	H
MOBA097S1	H	H	H	H	H	H	H
MOBA098S1	H	H	H	H	H	H	H
MOBA099S1	H	H	H	H	H	H	H
MOBA100S1	H	H	H	H	H	H	H

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA----- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOBA101S1	M	M	M	M	M	M	M
MOBA102S1	M	M	M	M	M	M	M
MOBA103S1	M	M	M	M	M	M	M
MOBA104S1	M	M	M	M	M	M	M
MOBA105S1	M	M	M	M	M	M	M
MOBA106S1	M	M	M	M	M	M	M
MOBA107S1	M	M	M	M	M	M	M
MOBA108S1	M	M	M	M	M	M	M
MOBA109S1	M	M	M	M	M	M	M
MOBL001S1	33700	4.7	-1.0	28	3	2.0	0.3
MOBL002S1	40700	M	4.7	44	6	3.0	0.5
MOBL003S1	48100	4.1	0.9	22	2	1.0	0.4
MOBL004S1	M	3.5	-1.0	30	5	M	0.5
MOBL005S1	M	M	1.4	20	2	2.8	0.7
MOBL006S1	M	3.7	M	36	5	M	0.4
MOBL007S1	25200	M	0.6	18	3	2.8	0.2
MOBL008S1	M	M	1.1	28	4	3.6	0.4
MOBL009S1	M	M	-1.0	27	4	M	0.2
MOBL010S1	M	M	1.1	28	4	1.0	0.3
MOBL011S1	44300	5.2	1.3	31	5	3.0	0.3
MOBL012S1	30400	M	1.2	26	2	2.6	0.2
MOBL013S1	26900	M	0.9	21	3	2.5	0.3
MOBL014S1	M	3.2	2.1	42	7	M	0.4
MOBL015S1	40800	9.4	1.2	32	5	3.5	0.4
MOBL016S1	18800	M	-1.0	19	4	M	0.2
MOBL017S1	24200	4.2	1.2	20	3	2.1	0.4
MOBL018S1	17000	M	0.9	17	3	1.1	0.2
MOBL019S1	16500	13.1	-1.0	13	2	1.4	0.4
MOBL020S1	11200	15.6	M	12	3	M	-0.2
MOBL021S1	10600	M	M	8	2	1.4	0.1
MOBL022S1	13700	M	M	20	3	M	-0.2
MOBL023S1	13700	21.4	-1.0	10	2	M	0.1
MOBL024S1	14100	M	-1.0	13	2	1.2	0.2
MOBL025S1	4500	19.9	-1.0	5	1	M	-0.2
MOBL026S1	42600	2.8	0.7	22	3	2.0	0.3
MOBL027S1	23000	3.6	-1.0	13	2	2.0	0.3
MOBL028S1	33900	M	3.3	20	2	M	0.2
MOBL029S1	28900	M	0.7	27	5	3.5	0.4
MOBL030S1	17600	M	M	17	3	2.3	-0.2
MOBL031S1	18200	10.7	0.6	13	2	1.0	0.1
MOBL032S1	23100	3.7	-1.0	11	2	1.3	0.2
MOBL033S1	16100	2.1	M	12	2	M	-0.2
MOBL034S1	39700	6.1	M	24	5	2.2	-0.2
MOBL035S1	31200	M	0.7	44	7	4.1	0.6
MOBL036S1	43300	M	-1.0	42	5	3.6	0.4
MOBL037S1	43400	M	0.9	34	5	2.9	0.4
MOBL038S1	49800	5.2	1.0	29	3	2.2	0.4
MOBL039S1	22100	M	-1.0	23	4	3.0	0.4
MOBL040S1	28700	12.5	-1.0	27	4	4.5	0.4
MOBL041S1	20200	10.1	-1.0	20	4	M	0.5

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA----- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOBL042S1	12800	M	0.6	12	2	1.7	0.2
MOBL043S1	13600	5.6	1.8	12	1	0.9	0.3
MOBL044S1	11800	M	-1.0	10	1	M	M
MOBL045S1	35800	M	M	22	2	1.2	0.4
MOBL046S1	8100	M	-1.0	10	1	M	0.1
MOBL047S1	39200	8.2	M	34	5	M	0.1
MOBL048S1	21800	5.7	-2.0	22	4	3.1	0.3
MOBL049S1	24600	M	0.8	15	1	2.1	0.5
MOBL050S1	18900	2.8	-1.0	25	5	M	0.7
MOBL051S1	M	5.6	-1.6	24	4	3.1	0.3
MOBL052S1	31200	2.3	0.9	20	4	2.1	0.3
MOBL053S1	30000	11.7	1.4	24	2	4.7	0.3
MOBL054S1	37800	1.5	M	32	3	3.4	0.3
MOBL055S1	41000	M	1.6	26	3	M	0.4
MOBL056S1	53300	M	M	44	4	M	0.3
MOBL057S1	35200	M	1.8	71	6	M	0.7
MOBL058S1	35300	M	1.1	58	5	1.8	0.4
MOBL059S1	33500	6.3	0.7	26	4	2.4	0.4
MOBL060S1	30400	2.7	2.3	24	4	2.6	0.8
MOBL061S1	24400	2.6	M	24	4	M	0.4
MOBL062S1	41300	2.3	-2.0	25	3	1.3	0.3
MOBL063S1	22000	M	M	31	6	5.8	0.4
MOBL064S1	29300	M	0.4	24	4	M	0.4
MOBL065S1	36500	M	1.5	31	4	3.1	0.4
MOBL066S1	33800	M	0.8	30	4	2.4	0.2
MOBL067S1	31200	M	-1.0	40	3	1.6	0.4
MOBL068S1	27000	12.2	-1.7	22	2	1.1	0.2
MOBL069S1	34700	10.5	1.3	24	3	2.9	0.5
MOBL070S1	37900	M	M	34	4	3.3	0.3
MOBL071S1	10200	14.2	M	33	6	2.7	0.5
MOBL072S1	32100	M	2.0	35	7	3.8	0.5
MOBL073S1	10100	4.5	-1.0	19	4	3.8	0.9
MOBL074S1	55700	4.1	-1.7	23	4	1.6	0.2
MOBL075S1	54200	4.0	3.0	32	5	3.0	0.3
MOBL076S1	38500	M	-1.0	24	3	4.5	0.4
MOBL077S1	30200	1.9	-1.0	26	4	M	0.4
MOB0001S1	30800	0.2	-1.0	M	3	M	0.4
MOB0002S1	21600	4.1	M	M	3	M	0.2
MOB0003S1	21600	0.2	-1.0	M	3	M	0.4
MOB0004S1	15700	0.1	M	M	2	M	M
MOB0005S1	28900	M	0.5	M	2	M	0.2
MOB0006S1	18000	0.2	1.3	M	3	M	0.4
MOB0007S1	28100	M	1.2	M	3	4.5	0.4
MOB0008S1	24600	0.2	0.8	M	2	M	M
MOB0009S1	17900	M	1.8	M	5	M	0.2
MOB0010S1	24700	M	0.8	M	3	4.5	M
MOB0011S1	33700	0.2	M	M	4	M	0.2
MOB0012S1	38900	M	M	M	8	M	0.3
MOB0013S1	29800	M	1.0	M	6	2.3	0.4
MOB0014S1	22200	4.1	1.5	M	5	3.9	0.2

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

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THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOB0015S1	49800	M	0.9	M	6	M	0.4
MOB0016S1	32400	0.3	0.9	M	5	2.7	0.3
MOB0017S1	37100	0.2	1.1	M	3	M	0.3
MOB0018S1	36900	0.3	1.0	M	2	4.2	0.3
MOB0019S1	31000	M	1.5	M	5	M	0.3
MOB0020S1	18400	0.3	M	M	2	M	0.3
MOB0021S1	14200	0.1	0.6	M	3	M	0.3
MOB0022S1	17400	4.4	M	M	3	M	0.3
MOB0023S1	18700	0.3	M	M	5	2.2	0.3
MOB0024S1	29200	2.2	1.1	M	3	M	0.3
MOB0025S1	32500	M	M	25	4	M	0.4
MOB0026S1	18400	1.3	M	20	3	M	0.2
MOB0027S1	20400	0.2	M	24	3	M	0.4
MOB0028S1	20000	4.8	0.9	17	4	M	0.3
MOB0029S1	13300	0.2	0.8	7	2	M	0.4
MOB0030S1	12000	M	M	8	2	M	M
MOB0031S1	18800	0.6	1.4	19	3	M	0.4
MOB0032S1	21000	4.4	-1.0	17	4	M	0.3
MOB0033S1	21900	M	M	22	3	M	0.3
MOB0034S1	17500	0.2	0.5	19	2	M	0.2
MOB0035S1	24400	M	M	24	3	M	0.3
MOB0036S1	18000	M	1.4	20	3	M	M
MOB0037S1	14600	3.4	2.4	12	3	M	0.3
MOB0038S1	17500	M	1.2	21	4	2.2	0.2
MOB0039S1	21200	0.2	M	23	2	2.9	0.4
MOB0040S1	25800	0.2	1.9	21	4	M	0.2
MOB0041S1	13800	0.3	-1.0	17	1	M	0.2
MOB0042S1	27700	0.2	1.1	18	6	3.7	0.3
MOB0043S1	19100	M	0.9	M	2	M	0.4
MOB0044S1	19100	0.2	0.7	M	3	M	M
MOB0045S1	24500	0.9	1.0	M	5	M	0.4
MOB0046S1	18400	0.3	M	M	3	M	0.3
MOB0047S1	17900	M	-1.0	14	2	M	0.3
MOB0048S1	M	3.8	M	24	4	M	0.3
MOB0049S1	M	2.3	M	27	3	3.2	0.4
MOB0050S1	15700	M	M	14	3	M	0.2
MOB0051S1	M	M	-1.0	M	M	M	0.5
MOB0052S1	M	0.2	M	M	M	M	0.2
MOB0053S1	20600	3.1	1.2	19	2	M	0.2
MOB0054S1	13100	M	2.6	17	2	M	0.2
MOB0055S1	15300	1.5	0.9	11	1	M	0.2
MOB0056S1	M	0.1	-1.0	20	3	M	0.3
MOB0057S1	24700	M	1.3	19	2	M	0.6
MOB0058S1	M	0.4	M	24	3	4.3	0.3
MOB0059S1	36100	2.3	-1.0	26	2	M	0.3
MOB0060S1	27500	0.5	0.9	26	3	2.8	0.3
MOB0061S1	24700	3.5	1.1	22	3	3.2	0.5
MOB0062S1	M	M	M	27	3	M	0.4
MOB0063S1	25300	M	1.6	21	3	6.0	0.2
MOB0064S1	31700	5.5	-1.0	25	2	4.7	0.5

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA----- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SH	YE	LU
MOB0065S1	27800	0.3	1.3	27	3	5.2	0.2
MOB0066S1	24900	M	0.8	22	3	3.1	0.4
MOB0067S1	23200	0.3	1.0	18	2	2.2	0.2
MOB0068S1	M	5.5	0.8	15	2	M	0.2
MOB0069S1	21900	4.0	1.7	24	3	M	0.3
MOB0070S1	M	M	-1.0	19	3	M	0.2
MOB0071S1	26000	3.8	M	18	3	M	0.2
MOB0072S1	M	0.2	1.4	17	3	M	0.3
MOB0073S1	M	2.3	0.9	19	2	M	0.3
MOB0074S1	M	M	1.6	M	M	4.3	0.4
MOB0075S1	27000	0.2	M	22	4	3.3	0.4
MOB0076S1	18800	0.3	0.9	20	3	2.9	0.3
MOB0077S1	15500	M	0.6	18	2	M	M
MOB0078S1	23700	4.0	M	20	3	2.7	M
MOB0079S1	16300	M	M	21	3	M	0.2
MOB0080S1	16100	3.2	-1.0	14	1	M	0.3
MOCP001S1	38400	M	M	30	5	3.6	0.4
MOCP002S1	31200	M	1.0	23	4	M	0.4
MOCP003S1	33700	M	-1.3	22	3	1.7	0.3
MOCP004S1	34100	M	1.5	26	4	M	0.3
MOCP005S1	29800	0.8	-1.0	15	3	2.2	0.2
MOCP006S1	31100	M	-1.0	26	4	3.4	0.3
MOCP007S1	34300	4.5	-1.0	25	3	M	M
MOCP008S1	40500	M	-1.0	21	4	M	0.2
MOCP009S1	18300	0.5	-1.0	25	5	1.7	0.5
MOCP010S1	44500	M	M	28	5	M	M
MOCP011S1	35100	0.7	1.2	25	4	3.1	0.3
MOCP012S1	35900	0.4	-1.0	31	6	M	0.5
MOCP013S1	38400	0.6	4.8	24	4	M	0.3
MOCP014S1	37100	0.4	-1.0	24	5	M	0.2
MOCP015S1	15600	1.5	-1.0	15	3	M	0.1
MOCP016S1	31800	1.2	-1.1	41	6	M	0.9
MOCP017S1	27600	1.5	1.5	22	4	2.5	0.3
MOCP018S1	33600	M	-1.0	27	6	2.8	0.3
MOCP019S1	39700	M	-1.0	34	6	M	M
MOCP020S1	37300	1.0	-1.0	33	5	2.7	0.5
MOCP021S1	30900	0.7	-1.0	22	4	2.9	0.5
MOCP022S1	38500	0.5	-1.0	34	5	M	0.4
MOCP023S1	13300	M	-1.0	8	3	M	M
MOCP024S1	21200	0.5	-1.0	13	2	3.4	0.3
MOCP025S1	35000	0.6	-1.0	23	5	M	0.5
MOCP026S1	34700	M	0.7	20	4	M	0.3
MOCP027S1	24700	0.3	1.9	20	3	M	0.3
MOCP028S1	20100	0.7	-1.0	22	3	M	0.3
MOCP029S1	27500	1.8	M	22	3	M	0.2
MOCP030S1	28600	0.6	-1.0	25	3	1.4	0.3
MOCP031S1	25300	0.3	-1.0	23	4	M	0.3
MOCP032S1	37100	0.4	0.9	30	5	M	M
MOCP033S1	32900	0.8	-1.0	23	4	M	0.4
MOCP034S1	29000	0.9	M	M	M	M	M

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA----- SEDIMENTS ----- STATE OF MISSOURI
 THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOC P035S1	32500	M	2.8	33	7	7.5	0.5
MOC P036S1	49800	M	-1.0	31	5	3.3	0.3
MOC P037S1	27500	0.3	-1.0	24	4	1.5	0.4
MOC P038S1	32200	M	4.2	24	2	M	M
MOC P039S1	35300	0.6	-1.0	23	5	2.5	0.4
MOC P040S1	35600	1.5	-1.0	27	5	3.2	0.4
MOC P041S1	37600	M	M	27	5	M	0.5
MOC P042S1	43400	0.4	-1.0	32	9	M	0.5
MOC P043S1	28200	0.4	-1.0	20	3	M	0.2
MOC P044S1	M	M	M	M	M	M	M
MOC P045S1	41200	M	-1.0	18	3	1.0	0.3
MOC P046S1	20700	0.4	-1.0	19	4	M	0.4
MOC P047S1	19800	0.5	-1.0	16	5	M	0.3
MOC P048S1	34100	0.6	1.4	30	5	2.3	0.5
MOC P049S1	31600	3.5	-1.0	21	6	M	0.4
MOC P050S1	14300	0.2	M	13	2	1.9	0.2
MOC P051S1	11900	M	-1.0	6	3	M	M
MOC P052S1	18000	M	-1.0	14	3	M	0.3
MOC P053S1	23700	M	-1.0	16	3	2.2	0.3
MOC P054S1	31400	0.5	-1.0	26	7	M	M
MOC P055S1	35700	0.4	-1.0	32	5	3.1	0.3
MOC P056S1	25500	0.3	-1.0	21	4	4.2	0.3
MOC P057S1	29800	1.2	1.9	25	6	M	0.4
MOC P058S1	27400	0.4	1.5	21	4	3.0	0.3
MOC P059S1	28100	1.1	M	M	M	M	M
MOC P060S1	31600	9.9	M	27	6	M	0.3
MOC P061S1	22300	0.4	-1.0	M	4	M	M
MOC P062S1	42300	0.9	-1.0	23	5	M	0.2
MOC P063S1	41000	M	-1.0	37	8	M	M
MOC P064S1	15500	0.2	M	13	2	1.1	0.3
MOC P065S1	7600	0.5	M	11	2	2.6	0.5
MOC T001S1	15100	1.4	1.2	11	1	2.1	0.2
MOC T002S1	17300	M	-1.0	13	3	M	0.3
MOC T003S1	20300	M	0.4	14	2	M	M
MOC T004S1	14300	17.5	-1.0	12	2	M	0.2
MOC T005S1	21700	M	M	20	4	M	0.3
MOC T006S1	20200	M	1.2	27	4	4.8	0.4
MOC T007S1	10800	M	-1.7	9	2	0.9	0.1
MOC T008S1	17700	1.5	-1.0	13	2	1.3	0.2
MOC T009S1	8600	M	-1.0	6	2	M	0.1
MOC T010S1	16900	M	0.5	16	3	2.0	0.3
MOC T011S1	26100	M	0.6	27	4	2.0	0.4
MOC T012S1	10000	M	1.7	11	2	M	-0.3
MOC T013S1	8400	M	-1.0	6	1	M	0.2
MOC T014S1	29200	M	1.9	30	5	2.6	0.4
MOC T015S1	14600	M	M	19	4	M	0.3
MOC T016S1	7800	12.2	-1.0	9	2	M	0.2
MOC T017S1	7600	M	-1.1	5	M	M	-0.2
MOC T018S1	16500	M	-1.5	12	2	M	0.1
MOC T019S1	8400	0.8	-1.0	6	2	1.1	0.1

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

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THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SH	YB	LU
MOCT020S1	17700	M	0.7	15	3	1.2	0.2
MOCT021S1	M	M	-1.0	25	4	2.3	0.4
MOCT022S1	14100	M	M	10	10	1.1	0.2
MOCT023S1	M	M	2.0	101	1	M	0.2
MOCT024S1	17700	9.2	-1.0	10	3	M	0.4
MOCT025S1	11600	0.6	-1.4	14	2	2.4	0.4
MOCT026S1	19100	M	-1.7	17	3	M	0.3
MOCT027S1	M	6.2	0.7	21	3	2.3	0.2
MOCT028S1	17200	3.4	0.7	15	3	1.9	0.5
MOCT029S1	12700	3.3	-1.0	8	1	2.4	-0.2
MOCT030S1	7000	M	-1.1	7	1	M	-0.2
MOCT031S1	18800	M	-1.0	23	5	M	0.6
MOCT032S1	18100	1.3	1.1	20	4	2.2	0.4
MOCT033S1	M	1.8	0.7	21	2	2.3	0.4
MOCT034S1	18600	11.8	-1.2	11	2	3.9	-0.2
MOCT035S1	52500	M	M	24	3	M	0.4
MOCT036S1	17500	1.4	-1.0	15	3	2.6	0.2
MOCT037S1	17800	M	M	8	1	M	-0.2
MOCT038S1	33700	M	-1.0	22	4	1.7	0.3
MOCT039S1	27800	3.1	-1.6	15	2	M	0.2
MOCT040S1	6800	14.1	1.8	5	2	M	M
MOCT041S1	10800	M	-1.5	9	2	M	0.2
MOCT042S1	17400	M	M	16	4	M	0.5
MOCT043S1	18900	M	-1.0	15	3	M	-0.2
MOCT044S1	9500	M	-1.0	8	M	M	-0.2
MOCT045S1	25100	M	-2.0	21	4	2.4	0.2
MOCT046S1	26900	1.8	2.6	26	4	3.0	0.3
MOCT047S1	15600	M	1.8	20	5	M	0.2
MOCT048S1	14900	6.0	-1.4	16	2	1.8	0.3
MOCT049S1	12000	19.9	-1.3	11	2	M	-0.2
MOCT050S1	M	M	0.8	17	3	2.8	0.2
MOCT051S1	5200	M	1.0	4	4	M	M
MOCT052S1	18700	3.0	1.0	15	4	M	0.2
MOCT053S1	15100	M	-1.0	13	2	M	-0.2
MOCT054S1	18100	6.3	-1.0	13	1	3.1	0.2
MOCT055S1	9600	M	1.7	8	2	M	-0.5
MOCT056S1	15000	M	-1.0	13	3	M	-0.4
MOCT057S1	15200	4.7	0.7	15	3	1.5	0.4
MOCT058S1	20700	5.6	1.2	25	6	1.3	0.3
MOCT059S1	7000	M	-1.0	5	1	M	0.1
MOCT060S1	19300	M	1.0	18	4	M	M
MOCT061S1	12400	9.2	0.7	9	2	M	0.1
MOCT062S1	9600	2.6	M	7	2	M	0.1
MOCH001S1	6000	M	M	6	1	M	M
MOCH002S1	12500	M	M	13	2	M	0.1
MOCH003S1	6800	M	2.1	5	1	M	M
MOCH004S1	22400	M	1.7	15	2	2.6	0.2
MOCH005S1	16600	M	-1.0	13	2	2.8	0.1
MOCH006S1	10000	0.2	M	7	1	M	M
MOCH007S1	7100	M	M	4	1	M	M

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOCW008S1	21100	M	M	20	3	2.0	M
MOCW009S1	6600	0.2	M	11	1	M	0.1
MOCW010S1	4500	M	M	4	1	M	M
MOCW011S1	32700	M	0.8	27	4	M	0.4
MOCW012S1	4000	M	-1.0	3	1	M	M
MOCW013S1	8000	1.2	-1.0	7	1	M	M
MOCW014S1	17300	M	M	15	2	M	0.1
MOCW015S1	10000	M	M	12	1	M	M
MOCW016S1	13100	M	M	7	2	2.3	M
MOCW017S1	23400	M	1.0	15	3	2.0	0.2
MOCW018S1	21200	M	1.0	21	3	M	M
MOCW019S1	4700	M	M	5	1	M	M
MOCW020S1	7400	M	-1.0	7	1	M	0.1
MOCW021S1	26700	M	M	20	4	M	0.2
MOCW022S1	9400	M	M	8	1	M	0.1
MOCW023S1	19500	3.0	-1.0	14	3	M	0.3
MOCW024S1	2500	0.9	M	4	1	M	M
MOCW025S1	21000	M	-1.0	18	3	M	0.2
MOCW026S1	M	0.2	M	M	M	M	M
MOCW027S1	15000	M	1.0	21	3	M	M
MOCW028S1	9000	0.1	-1.0	5	1	M	M
MOCW029S1	6300	M	-1.0	M	1	M	M
MOCW030S1	13700	M	-1.6	M	M	M	M
MOCW031S1	17400	M	M	14	2	M	0.2
MOCW032S1	16500	M	1.3	17	6	M	M
MOCW033S1	7800	M	-1.0	6	1	M	M
MOCW034S1	9800	M	-1.0	M	M	M	M
MOCW035S1	5500	M	-1.0	M	M	M	M
MOCW036S1	10000	1.3	M	8	1	M	M
MOCW037S1	8100	0.1	-1.0	9	2	1.3	M
MOCW038S1	21600	0.3	-1.0	14	3	M	M
MOCW039S1	37300	0.3	M	22	3	2.4	0.3
MOCW040S1	14900	M	-1.0	19	4	M	0.2
MOCW041S1	9600	1.5	-1.0	8	1	M	M
MOCW042S1	28900	M	M	13	M	M	M
MOCW043S1	9800	0.1	M	9	1	M	0.2
MOCW044S1	15300	1.2	-1.0	6	2	M	M
MOCW045S1	3100	0.9	-1.0	3	M	M	M
MOCW046S1	12900	0.1	-1.0	7	1	M	M
MOCW047S1	36300	2.6	-1.0	27	4	M	0.4
MOCW048S1	7300	0.2	M	6	1	M	M
MOCW049S1	6500	0.6	-1.0	8	1	M	M
MOCW050S1	55200	M	M	M	8	M	M
MOCW051S1	10600	0.2	-1.0	7	1	M	M
MOCW052S1	16400	M	-1.0	15	1	M	M
MOCW053S1	14700	M	-1.0	5	2	M	M
MOCW054S1	38800	0.9	-1.0	33	5	M	0.5
MOCW055S1	6400	M	M	4	M	M	M
MOCW056S1	9800	M	-1.0	M	M	M	M
MOCW057S1	36300	M	2.2	27	4	M	0.3

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA----- SEDIMENTS ----- STATE OF MISSOURI
 THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOCW058S1	5400	0.9	-1.0	6	1	M	M
MOCW059S1	13700	0.2	-1.0	13	2	M	M
MOCW060S1	10500	M	-1.0	4	M	M	M
MOCW061S1	18000	M	M	12	2	M	0.1
MOCW062S1	30500	0.5	-1.0	17	3	M	M
MOCW063S1	25100	0.8	-1.0	16	4	M	0.1
MOCW064S1	29100	M	-1.0	23	3	M	0.2
MOCW065S1	6600	1.2	M	5	1	M	M
MOCW066S1	10800	M	M	M	1	M	M
MOCW067S1	13500	0.4	-1.0	8	1	M	0.1
MOCW068S1	4800	0.3	M	7	1	M	M
MOCW069S1	8400	2.5	-1.0	56	1	M	0.2
MOCW070S1	10200	M	M	10	1	M	M
MOCW071S1	22000	0.2	1.1	19	3	M	0.1
MOCW072S1	8400	M	-1.0	9	M	M	M
MOCW073S1	26200	5.3	1.3	18	2	M	M
MOCW074S1	1200	M	-1.0	M	M	M	M
MOCW075S1	17200	0.3	-1.0	14	3	2.5	0.2
MOCW076S1	32100	M	M	13	2	M	M
MOCW077S1	26700	0.6	M	17	4	M	0.3
MODN001S1	13700	0.2	0.6	M	M	M	M
MODN002S1	6200	1.1	M	M	M	M	M
MODN003S1	16100	0.1	0.4	M	6	M	M
MODN004S1	11100	0.2	M	M	M	M	0.3
MODN005S1	11900	0.3	-1.0	M	9	M	M
MODN006S1	18600	0.4	M	M	M	M	0.5
MODN007S1	19300	0.3	1.1	M	15	M	M
MODN008S1	17800	0.4	1.1	M	13	M	0.4
MODN009S1	30000	0.5	0.9	M	10	M	0.3
MODN010S1	19800	0.5	0.5	M	15	M	M
MODN011S1	8900	1.1	M	M	7	M	M
MODN012S1	32600	0.5	1.2	M	M	M	0.6
MODN013S1	15900	0.5	M	M	7	M	M
MODN014S1	11900	0.2	M	M	M	M	M
MODN015S1	19000	0.5	M	M	6	M	M
MODN016S1	11900	0.2	M	M	6	M	M
MODN017S1	25400	0.6	1.9	M	12	M	M
MODN018S1	35100	0.4	0.8	M	M	M	M
MODN019S1	8700	M	M	M	M	M	0.5
MODN020S1	5900	0.1	M	M	M	M	M
MODN021S1	21300	0.4	0.9	M	9	M	M
MODN022S1	16100	0.2	M	M	M	M	M
MODN023S1	4900	0.1	M	M	M	M	M
MODN024S1	4800	0.8	M	M	M	M	M
MODN025S1	27400	0.3	0.9	M	7	M	M
MODN026S1	11400	0.2	-1.0	M	M	M	M
MODN027S1	18100	0.4	0.9	M	8	M	0.3
MODN028S1	9900	0.5	0.7	M	M	M	M
MODN029S1	7800	M	M	M	6	M	M
MODN030S1	31400	0.5	1.5	M	12	M	0.6

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SH	YB	LU
MODN031S1	14500	0.3	-1.0	H	H	H	H
MODN032S1	18900	0.5	M	H	H	H	H
MODN033S1	37200	0.8	0.9	H	9	H	H
MODN034S1	13300	M	0.7	H	H	H	H
MODN035S1	29100	0.6	1.3	H	6	H	H
MODN036S1	8000	M	M	H	H	H	H
MODN037S1	27600	5.5	1.7	H	5	H	0.5
MODN038S1	19200	0.2	1.4	H	H	H	H
MODN039S1	24900	0.4	1.0	H	8	H	H
MODN040S1	20300	0.5	0.8	H	H	H	H
MODN041S1	19600	0.4	M	H	H	H	H
MODN042S1	20900	M	0.4	H	H	H	H
MODN043S1	15000	M	0.4	H	7	H	H
MODN044S1	13000	0.1	0.9	H	H	H	H
MODN045S1	6700	M	0.8	H	H	H	-0.2
MODN046S1	17400	0.3	0.6	H	H	H	H
MODN047S1	10500	0.1	0.5	H	8	H	H
MODN048S1	19000	0.2	1.9	H	H	H	H
MODN049S1	8700	M	M	H	H	H	H
MODN050S1	12100	0.1	M	H	H	H	H
MODN051S1	10600	0.2	-1.0	H	6	H	H
MODN052S1	18000	0.3	0.6	H	H	H	H
MODN053S1	18500	0.2	0.6	H	9	H	H
MODN054S1	62700	M	M	H	H	H	H
MODN055S1	30600	0.2	0.8	H	H	H	0.3
MODN056S1	32300	0.6	1.0	H	8	H	0.3
MODN057S1	25900	0.2	0.7	H	H	H	H
MODN058S1	17700	0.3	-1.0	H	13	H	H
MODN059S1	12200	0.4	M	H	H	H	H
MODN060S1	37000	0.2	1.0	H	9	H	H
MODN061S1	23100	0.4	0.8	H	H	H	H
MODN062S1	9900	0.1	M	H	8	H	H
MODN063S1	14200	0.6	M	H	H	H	-0.2
MODN064S1	26800	M	M	H	10	H	H
MODN065S1	22900	0.3	M	H	H	H	H
MODN066S1	7000	M	-1.0	H	H	H	H
MODN067S1	37500	M	1.0	H	H	H	-0.2
MODN068S1	26600	M	M	H	19	H	H
MODN069S1	19000	0.3	0.7	H	H	H	H
MODN070S1	7900	M	0.6	H	6	H	H
MODN071S1	19400	M	0.7	H	H	H	H
MODN072S1	12200	0.2	-1.2	H	H	H	H
MODN073S1	5500	0.1	-1.0	H	H	H	H
MODN074S1	7200	0.2	-1.0	H	H	H	H
MODN075S1	8200	0.1	M	H	5	H	H
MODN076S1	9300	0.2	-1.0	H	H	H	H
MODN077S1	12000	0.3	-1.1	H	7	H	-0.2
MODN078S1	18000	0.6	M	H	H	H	H
MODN079S1	15800	0.7	M	H	1	H	-0.2
MODN080S1	15700	0.3	M	H	H	H	H

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA----- SEDIMENTS ----- STATE OF MISSOURI
 THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MODN081S1	25400	0.2	1.0	M	M	M	M
MODN082S1	12900	0.3	0.6	M	M	M	M
MODN083S1	22200	0.3	M	M	M	M	0.3
MODN084S1	26300	0.3	M	M	M	M	M
MODN085S1	11200	M	-1.0	M	M	M	M
MODN086S1	31800	0.7	0.6	M	16	M	0.3
MODN087S1	28600	0.5	1.3	M	12	M	0.5
MODN088S1	8300	M	M	M	M	M	M
MODN089S1	20400	0.1	M	M	M	M	M
MODN090S1	12100	0.3	1.2	M	M	M	0.4
MODN091S1	19600	0.2	M	M	9	M	M
MODN092S1	6300	M	-1.0	M	M	M	M
MODU001S1	67400	M	M	35	5	M	0.3
MODU002S1	82900	M	M	36	4	1.6	0.4
MODU003S1	M	M	M	28	4	M	0.3
MODU004S1	64200	1.9	-1.0	19	2	2.7	0.2
MODU005S1	M	M	1.2	26	4	1.7	0.3
MODU006S1	35300	M	M	31	4	1.6	0.3
MODU007S1	M	M	M	25	5	M	0.2
MODU008S1	58900	M	3.6	37	3	3.6	0.3
MODU009S1	50000	M	-1.0	49	5	4.5	0.3
MODU010S1	37900	M	1.7	26	3	M	-0.2
MODU011S1	57000	M	2.7	32	5	M	0.2
MODU012S1	147400	M	2.5	93	12	M	0.8
MODU013S1	137000	M	3.2	66	8	M	0.4
MODU014S1	106600	M	2.7	83	12	M	0.8
MODU015S1	94900	M	M	71	12	7.3	0.7
MODU016S1	126500	M	2.1	65	9	7.9	1.0
MODU017S1	95600	M	2.0	81	10	M	M
MODU018S1	114400	M	-1.1	77	12	M	0.4
MODU019S1	M	M	-1.0	28	3	M	0.3
MODU020S1	67800	M	-1.0	32	5	M	0.6
MODU021S1	111900	M	-1.0	87	13	M	0.8
MODU022S1	103600	M	4.0	73	13	M	0.7
MODU023S1	102800	M	-1.0	68	10	M	M
MODU024S1	62600	M	-1.0	24	3	M	0.3
MODU025S1	145000	M	7.7	119	26	M	1.5
MODU026S1	M	M	M	30	M	M	0.3
MODU027S1	37100	M	-1.0	24	4	M	0.4
MODU028S1	39300	3.6	1.2	28	7	2.6	0.2
MODU029S1	119500	M	M	77	11	7.4	M
MODU030S1	116100	M	M	78	19	M	1.1
MODU031S1	100900	22.6	-1.0	75	13	9.0	1.6
MODU032S1	166700	M	-1.2	89	13	M	0.7
MODU033S1	25900	0.4	-1.0	12	3	2.9	M
MODU034S1	41100	M	-1.7	30	6	4.7	M
MODU035S1	55900	0.6	5.8	42	7	3.8	0.3
MODU036S1	25100	0.1	-1.0	14	3	M	M
MODU037S1	31600	0.3	-1.3	17	5	M	M
MODU038S1	26100	M	-1.0	16	3	M	M

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA----- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MODU039S1	62500	M	-1.0	44	8	M	0.3
MODU040S1	27100	0.3	-1.0	36	4	2.8	M
MODU041S1	42400	0.3	-1.2	33	7	M	M
MODU042S1	38700	M	M	25	5	M	0.3
MODU043S1	45800	M	-1.0	31	6	M	0.3
MODU044S1	35000	3.1	-1.0	30	6	7.0	0.6
MODU045S1	39700	M	-1.0	27	6	M	0.4
MODU046S1	34500	M	-1.0	27	4	M	0.2
MODU047S1	38900	0.4	4.1	27	5	M	M
MODU048S1	34200	M	-1.0	27	6	5.5	0.4
MODU049S1	43900	7.9	-1.0	31	7	2.6	0.6
MODU050S1	42200	0.3	-1.0	29	5	M	0.2
MODU051S1	38900	M	M	29	4	M	0.2
MODU052S1	58600	0.4	-1.3	28	5	M	M
MODU053S1	36800	M	M	26	5	7.0	0.4
MODU054S1	43400	M	-1.0	25	5	M	M
MODU055S1	40500	0.4	-1.2	32	7	M	M
MODU056S1	44300	M	-1.0	35	7	2.9	0.3
MODU057S1	68100	0.3	-1.0	35	6	M	0.3
MODU058S1	50400	M	-1.0	28	6	3.1	M
MODU059S1	24300	M	-1.0	19	3	1.6	0.2
MOHL001S1	11200	M	-1.1	9	1	M	M
MOHL002S1	14000	M	-1.0	9	2	M	-0.3
MOHL003S1	16900	1.3	-1.0	15	3	2.6	0.2
MOHL004S1	M	15.3	M	29	5	M	0.5
MOHL005S1	16900	M	-1.0	18	2	M	0.3
MOHL006S1	14200	3.1	M	18	2	M	0.2
MOHL008S1	M	M	-1.5	12	1	2.1	M
MOHL009S1	18700	2.5	-1.7	15	2	2.2	0.2
MOHL010S1	41900	M	-1.0	13	4	M	-0.2
MOHL011S1	46900	M	1.1	27	4	2.9	0.2
MOHL012S1	29100	M	-1.0	24	3	M	0.5
MOHL013S1	21500	M	-1.7	22	3	3.1	0.3
MOHL014S1	44300	5.1	-1.0	19	2	1.7	0.3
MOHL015S1	41400	4.1	-1.8	18	3	2.9	0.3
MOHL016S1	27100	M	1.5	23	3	2.0	0.2
MOHL017S1	40000	4.7	M	22	3	M	0.3
MOHL018S1	22800	M	-1.7	21	4	2.7	0.4
MOHL019S1	42700	M	0.6	16	1	M	M
MOHL020S1	28000	M	2.0	31	4	2.2	0.4
MOHL021S1	14700	4.7	M	16	3	M	0.4
MOHL022S1	23300	8.9	-1.0	13	3	M	0.1
MOHL023S1	15500	M	-1.0	10	1	3.1	M
MOHL024S1	8600	15.4	-1.0	6	1	M	-0.2
MOHL025S1	22300	7.1	-1.0	17	2	M	0.3
MOHL026S1	19400	M	-1.0	17	3	M	0.3
MOHL027S1	23200	M	0.5	14	2	M	0.2
MOHL028S1	23900	4.5	0.8	21	3	2.6	0.2
MOHL029S1	33900	M	-1.0	19	3	1.6	0.3
MOHL030S1	19100	M	1.0	8	1	M	0.2

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOHL031S1	12000	M	-1.0	5	1	M	M
MOHL032S1	17300	M	1.1	16	3	2.8	0.3
MOHL033S1	19200	13.0	-1.1	8	1	M	0.2
MOHL034S1	21700	M	-1.5	16	3	M	0.2
MOHL035S1	15700	1.0	-1.0	14	3	2.6	0.3
MOHL036S1	16200	M	-1.0	13	2	M	0.2
MOHL037S1	51200	0.5	-1.4	10	1	M	0.2
MOHL038S1	18900	M	M	14	3	M	M
MOHL039S1	M	11.3	-1.0	35	5	2.4	0.2
MOHL040S1	12800	15.0	-1.3	6	1	M	0.2
MOHL041S1	18900	3.3	-1.0	7	1	M	0.1
MOHL042S1	30800	9.0	-1.0	23	4	1.6	0.3
MOHL043S1	19000	8.7	M	17	3	M	0.3
MOHL044S1	7600	8.1	-1.0	7	2	M	-0.2
MOHL045S1	21300	M	1.9	9	2	M	-0.2
MOIR001S1	9400	M	0.4	M	8	M	M
MOIR002S1	37900	0.5	1.8	M	7	M	M
MOIR003S1	37100	0.6	0.9	M	20	M	0.4
MOIR004S1	41700	0.7	1.1	M	M	M	M
MOIR005S1	32900	4.8	1.0	M	8	M	M
MOIR006S1	26900	M	1.1	M	M	M	M
MOIR007S1	15000	0.3	1.0	M	5	M	M
MOIR008S1	13800	0.2	0.8	M	M	M	M
MOIR009S1	15800	0.2	1.0	M	7	M	M
MOIR010S1	17400	0.5	0.5	M	M	M	0.4
MOIR011S1	14800	M	0.7	M	9	M	M
MOIR012S1	12400	0.1	0.6	M	M	M	0.4
MOIR013S1	58400	0.5	2.0	M	11	M	M
MOIR014S1	36900	0.6	1.2	M	9	M	M
MOIR015S1	42100	0.7	1.7	M	M	M	M
MOIR016S1	26200	0.6	M	M	M	M	M
MOIR017S1	38200	M	2.0	M	13	M	0.7
MOIR018S1	31400	0.6	2.3	M	M	M	M
MOIR019S1	14700	0.1	0.6	M	7	M	0.5
MOIR020S1	15200	0.7	0.9	M	M	M	M
MOIR021S1	9300	0.5	0.5	M	7	M	M
MOIR022S1	8900	2.6	1.0	M	10	M	0.4
MOIR023S1	8900	1.1	0.4	M	6	M	M
MOIR024S1	29500	0.5	1.3	M	M	M	M
MOIR025S1	19300	0.3	1.6	M	10	M	0.4
MOIR026S1	32300	0.7	1.0	M	M	M	0.7
MOIR027S1	13200	0.1	2.1	M	8	M	0.4
MOIR028S1	42500	0.7	2.2	M	M	M	0.5
MOIR029S1	33900	0.6	1.1	M	8	M	1.0
MOIR030S1	36300	0.7	0.5	M	18	M	0.6
MOIR031S1	22500	0.2	1.5	M	M	M	M
MOIR032S1	35000	0.6	1.2	M	M	M	0.8
MOIR033S1	33500	M	0.8	M	10	M	M
MOIR034S1	30800	0.7	0.7	M	17	M	0.5
MOIR035S1	28300	0.8	1.5	M	11	M	M

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI
 THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MO1R036S1	35900	0.7	1.0	H	H	H	1.1
MO1R037S1	42500	0.7	1.6	H	9	H	H
MO1R038S1	36700	0.7	H	H	H	H	2.0
MO1R039S1	31900	0.8	0.9	H	H	H	H
MO1R040S1	25300	0.4	0.8	H	13	H	0.4
MO1R041S1	44000	0.6	1.5	H	18	H	H
MO1R042S1	46000	0.5	1.6	H	H	H	0.8
MO1R043S1	17300	H	0.8	H	H	H	H
MO1R044S1	33100	0.2	1.1	H	H	H	H
MO1R045S1	41400	0.6	0.5	H	H	H	0.5
MO1R046S1	14800	0.3	H	H	11	H	H
MO1R047S1	12200	0.4	H	H	7	H	-0.2
MO1R048S1	10000	0.2	-1.0	H	H	H	H
MO1R049S1	18100	0.3	0.7	H	10	H	H
MO1R050S1	14200	0.1	1.0	H	H	H	H
MO1R051S1	11000	0.1	0.6	H	7	H	H
MO1R052S1	12900	0.1	0.7	H	6	H	H
MO1R053S1	48800	H	H	H	7	H	H
MO1R054S1	26700	0.5	1.1	H	8	H	H
MO1R055S1	11900	0.2	H	H	H	H	H
MO1R056S1	9200	0.2	H	H	H	H	0.3
MO1R057S1	30000	0.6	2.0	H	7	H	H
MO1R058S1	16600	0.4	1.0	H	H	H	H
MO1R059S1	9500	0.1	1.4	H	H	H	H
MO1R060S1	4500	H	H	H	H	H	H
MO1R061S1	7800	0.8	H	H	H	H	H
MO1R062S1	11700	H	1.3	H	10	H	H
MO1R063S1	14100	2.1	1.3	H	H	H	H
MO1R064S1	17400	0.4	H	H	5	H	H
MO1R065S1	36100	H	1.1	H	H	H	H
MO1R066S1	15800	0.3	0.7	H	7	H	-0.2
MO1R067S1	41700	H	2.4	H	H	H	H
MOLW001S1	H	H	H	H	H	H	H
MOLW002S1	H	H	H	H	H	H	H
MOLW003S1	H	H	H	H	H	H	H
MOLW004S1	H	H	H	H	H	H	H
MOLW005S1	H	H	H	H	H	H	H
MOLW006S1	H	H	H	H	H	H	H
MOLW007S1	H	H	H	H	H	H	H
MOLW008S1	H	H	H	H	H	H	H
MOLW009S1	H	H	H	H	H	H	H
MOLW010S1	H	H	H	H	H	H	H
MOLW011S1	H	H	H	H	H	H	H
MOLW012S1	H	H	H	H	H	H	H
MOLW013S1	H	H	H	H	H	H	H
MOLW014S1	H	H	H	H	H	H	H
MOLW015S1	H	H	H	H	H	H	H
MOLW016S1	H	H	H	H	H	H	H
MOLW017S1	H	H	H	H	H	H	H
MOLW018S1	H	H	H	H	H	H	H

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOLW019S1	??	??	??	??	??	??	??
MOLW020S1	??	??	??	??	??	??	??
MOLW021S1	??	??	??	??	??	??	??
MOLW022S1	??	??	??	??	??	??	??
MOLW023S1	??	??	??	??	??	??	??
MOLW024S1	??	??	??	??	??	??	??
MOLW025S1	??	??	??	??	??	??	??
MOLW026S1	??	??	??	??	??	??	??
MOLW027S1	??	??	??	??	??	??	??
MOLW028S1	??	??	??	??	??	??	??
MOLW029S1	??	??	??	??	??	??	??
MOLW030S1	??	??	??	??	??	??	??
MOLW031S1	??	??	??	??	??	??	??
MOLW032S1	??	??	??	??	??	??	??
MOLW033S1	??	??	??	??	??	??	??
MOLW034S1	??	??	??	??	??	??	??
MOLW035S1	??	??	??	??	??	??	??
MOLW036S1	??	??	??	??	??	??	??
MOLW037S1	??	??	??	??	??	??	??
MOLW038S1	??	??	??	??	??	??	??
MOLW039S1	??	??	??	??	??	??	??
MOLW040S1	??	??	??	??	??	??	??
MOLW041S1	??	??	??	??	??	??	??
MOLW042S1	??	??	??	??	??	??	??
MOLW043S1	??	??	??	??	??	??	??
MOLW044S1	??	??	??	??	??	??	??
MOLW045S1	??	??	??	??	??	??	??
MOLW046S1	??	??	??	??	??	??	??
MOLW047S1	??	??	??	??	??	??	??
MOLW048S1	??	??	??	??	??	??	??
MOLW049S1	??	??	??	??	??	??	??
MOLW050S1	??	??	??	??	??	??	??
MOLW051S1	??	??	??	??	??	??	??
MOLW052S1	??	??	??	??	??	??	??
MOLW053S1	??	??	??	??	??	??	??
MOLW054S1	??	??	??	??	??	??	??
MOLW055S1	??	??	??	??	??	??	??
MOLW056S1	??	??	??	??	??	??	??
MOLW057S1	??	??	??	??	??	??	??
MOLW058S1	??	??	??	??	??	??	??
MOLW059S1	??	??	??	??	??	??	??
MOLW060S1	??	??	??	??	??	??	??
MOLW061S1	??	??	??	??	??	??	??
MOLW062S1	??	??	??	??	??	??	??
MOLW063S1	??	??	??	??	??	??	??
MOLW064S1	??	??	??	??	??	??	??
MOLW065S1	??	??	??	??	??	??	??
MOLW066S1	??	??	??	??	??	??	??
MOLW067S1	??	??	??	??	??	??	??
MOLW068S1	??	??	??	??	??	??	??

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOLW069S1	??	??	??	??	??	??	??
MOLW070S1	??	??	??	??	??	??	??
MOLW071S1	??	??	??	??	??	??	??
MOLW072S1	??	??	??	??	??	??	??
MOLW073S1	??	??	??	??	??	??	??
MOLW074S1	??	??	??	??	??	??	??
MOLW075S1	??	??	??	??	??	??	??
MOLW076S1	??	??	??	??	??	??	??
MOLW077S1	??	??	??	??	??	??	??
MOLW078S1	??	??	??	??	??	??	??
MOLW079S1	??	??	??	??	??	??	??
MOLW080S1	??	??	??	??	??	??	??
MOLW081S1	??	??	??	??	??	??	??
MOMC001S1	??	??	??	??	??	??	??
MOMC002S1	??	??	??	??	??	??	??
MOMC003S1	??	??	??	??	??	??	??
MOMC004S1	??	??	??	??	??	??	??
MOMC005S1	??	??	??	??	??	??	??
MOMC006S1	??	??	??	??	??	??	??
MOMC007S1	??	??	??	??	??	??	??
MOMC008S1	??	??	??	??	??	??	??
MOMC009S1	??	??	??	??	??	??	??
MOMC010S1	??	??	??	??	??	??	??
MOMC011S1	??	??	??	??	??	??	??
MOMC012S1	??	??	??	??	??	??	??
MOMC013S1	??	??	??	??	??	??	??
MOMC014S1	??	??	??	??	??	??	??
MOMC015S1	??	??	??	??	??	??	??
MOMC016S1	??	??	??	??	??	??	??
MOMC017S1	??	??	??	??	??	??	??
MOMC018S1	??	??	??	??	??	??	??
MOMC019S1	??	??	??	??	??	??	??
MOMC020S1	??	??	??	??	??	??	??
MOMC021S1	??	??	??	??	??	??	??
MOMC022S1	??	??	??	??	??	??	??
MOMC023S1	??	??	??	??	??	??	??
MOMC024S1	??	??	??	??	??	??	??
MOMC025S1	??	??	??	??	??	??	??
MOMC026S1	??	??	??	??	??	??	??
MOMC027S1	??	??	??	??	??	??	??
MOMC028S1	??	??	??	??	??	??	??
MOMC029S1	??	??	??	??	??	??	??
MOMC030S1	??	??	??	??	??	??	??
MOMC031S1	??	??	??	??	??	??	??
MOMC032S1	??	??	??	??	??	??	??
MOMC033S1	??	??	??	??	??	??	??
MOMC034S1	??	??	??	??	??	??	??
MOMC035S1	??	??	??	??	??	??	??
MOMC036S1	??	??	??	??	??	??	??
MOMC037S1	??	??	??	??	??	??	??

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOMC038S1	??	??	??	??	??	??	??
MOMC039S1	??	??	??	??	??	??	??
MOMC040S1	??	??	??	??	??	??	??
MOMC041S1	??	??	??	??	??	??	??
MOMC042S1	??	??	??	??	??	??	??
MOMC043S1	??	??	??	??	??	??	??
MOMC044S1	??	??	??	??	??	??	??
MOMC045S1	??	??	??	??	??	??	??
MOMC046S1	??	??	??	??	??	??	??
MOMC047S1	??	??	??	??	??	??	??
MOMC048S1	??	??	??	??	??	??	??
MOMC049S1	??	??	??	??	??	??	??
MOMC050S1	??	??	??	??	??	??	??
MOMC051S1	??	??	??	??	??	??	??
MOMC052S1	??	??	??	??	??	??	??
MOMC053S1	??	??	??	??	??	??	??
MOMC054S1	??	??	??	??	??	??	??
MOMC055S1	??	??	??	??	??	??	??
MOMC056S1	??	??	??	??	??	??	??
MOMC057S1	??	??	??	??	??	??	??
MOMC058S1	??	??	??	??	??	??	??
MOMC059S1	??	??	??	??	??	??	??
MOMC060S1	??	??	??	??	??	??	??
MOMC061S1	??	??	??	??	??	??	??
MOMC062S1	??	??	??	??	??	??	??
MOMC063S1	??	??	??	??	??	??	??
MOMC064S1	??	??	??	??	??	??	??
MOMC065S1	??	??	??	??	??	??	??
MOMC066S1	??	??	??	??	??	??	??
MOMC067S1	??	??	??	??	??	??	??
MOMC068S1	??	??	??	??	??	??	??
MOMC069S1	??	??	??	??	??	??	??
MOMC070S1	??	??	??	??	??	??	??
MOMC071S1	??	??	??	??	??	??	??
MOMC072S1	??	??	??	??	??	??	??
MOMC073S1	??	??	??	??	??	??	??
MOMC074S1	??	??	??	??	??	??	??
MOMC075S1	??	??	??	??	??	??	??
MOMC076S1	??	??	??	??	??	??	??
MOMD001S1	13800	0.3	??	??	7	??	0.2
MOMD002S1	23800	0.9	0.7	??	??	??	??
MOMD003S1	12000	0.2	0.4	??	??	??	??
MOMD004S1	12700	0.3	1.3	??	5	??	??
MOMD005S1	16400	0.4	??	??	10	??	0.4
MOMD006S1	20100	0.3	0.9	??	11	??	0.6
MOMD007S1	30800	0.5	1.0	??	??	??	??
MOMD008S1	24400	0.3	1.0	??	8	??	0.4
MOMD009S1	9500	0.4	0.6	??	8	??	??
MOMD010S1	39900	1.3	0.9	??	12	??	2.9
MOMD011S1	28100	0.9	1.0	??	8	??	0.5

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA----- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOMD012S1	27400	0.3	1.1	M	11	M	M
MOMD013S1	38400	0.3	1.0	M	M	M	0.7
MOMD014S1	16600	0.8	M	M	M	M	0.6
MOMD015S1	30200	0.3	M	M	M	M	M
MOMD016S1	25900	0.8	M	M	10	M	1.0
MOMD017S1	28300	0.7	1.6	M	M	M	1.3
MOMD018S1	31200	M	0.6	M	M	M	0.5
MOMD019S1	32900	0.5	1.0	M	11	M	0.8
MOMD020S1	23900	0.3	1.1	M	9	M	M
MOMD021S1	41200	0.5	1.7	M	M	M	M
MOMD022S1	38600	0.9	1.4	M	14	M	0.9
MOMD023S1	23000	0.3	0.4	M	M	M	0.5
MOMD024S1	46300	M	1.7	M	8	M	0.4
MOMD025S1	34200	0.5	M	M	11	M	0.6
MOMD026S1	19800	0.7	0.9	M	M	M	M
MOMD027S1	38700	0.6	0.7	M	12	M	0.9
MOMD028S1	14300	0.2	M	M	M	M	M
MOMD029S1	24500	0.4	1.0	M	M	M	M
MOMD030S1	15300	0.1	0.5	M	6	M	M
MOMD031S1	17400	0.2	M	M	M	M	M
MOMD032S1	32900	0.2	1.0	M	M	M	M
MOMD033S1	17800	M	1.0	M	5	M	M
MOMD034S1	12300	0.1	M	M	M	M	M
MOMD035S1	12300	M	0.5	M	8	M	M
MOMD036S1	16000	0.4	-1.0	M	M	M	M
MOMD037S1	39900	0.5	1.1	M	9	M	M
MOMD038S1	47000	0.4	1.7	M	M	M	M
MOMD039S1	14900	0.2	0.7	M	3	M	M
MOMD040S1	12500	0.2	-1.0	M	6	M	M
MOMD041S1	20700	M	-1.0	M	8	M	M
MOMD042S1	18700	0.1	0.5	M	8	M	M
MOMD043S1	27200	M	1.0	M	5	M	M
MOMD044S1	14400	0.5	M	M	M	M	M
MOMD045S1	24500	0.6	1.1	M	M	M	0.9
MOMD046S1	22200	0.5	2.0	M	4	M	M
MOMD047S1	26700	0.2	1.4	M	7	M	M
MOMD048S1	16600	0.2	0.8	M	M	M	-0.2
MOMD049S1	7700	0.2	M	M	M	M	M
MOMD050S1	17700	M	1.1	M	M	M	M
MOMD051S1	16500	M	1.1	M	M	M	-0.2
MOMD052S1	34400	0.4	1.0	M	8	M	M
MOMD053S1	16900	0.3	0.6	M	12	M	0.5
MOMD054S1	9500	0.1	M	M	7	M	M
MOMD055S1	18300	0.4	M	M	13	M	0.7
MOMS001S1	31700	M	0.7	46	5	M	0.4
MOMS002S1	25300	M	-1.0	34	3	M	0.3
MOMS003S1	30200	M	-1.9	33	4	2.1	0.3
MOMS004S1	30200	11.0	-1.7	21	3	1.3	0.3
MOMS005S1	27500	M	-1.0	13	2	M	M
MOMS006S1	M	9.5	0.9	14	1	M	M

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA----- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOMS007S1	58400	M	1.4	33	5	M	0.2
MOMS008S1	110100	M	1.9	29	2	M	0.2
MOMS009S1	67300	M	M	32	4	M	0.3
MOMS010S1	60900	M	M	41	5	M	0.3
MOMS011S1	57600	M	M	29	6	M	0.2
MOMS012S1	32700	M	-1.0	25	4	M	0.2
MOMS013S1	33400	8.2	1.3	41	4	2.1	0.2
MOMS014S1	M	M	-1.0	18	3	1.8	0.1
MOMS015S1	45900	M	M	30	4	2.0	-0.2
MOMS016S1	25800	M	-1.0	24	4	M	0.1
MOMS017S1	34800	M	-1.0	19	2	M	0.2
MOMS018S1	26600	6.3	M	30	3	3.1	0.2
MOMS019S1	64300	M	1.1	28	3	1.1	0.4
MOMS020S1	52000	M	1.0	28	4	1.6	0.2
MOMS021S1	68800	1.1	0.8	27	3	1.5	0.3
MOMS022S1	M	1.6	1.1	26	3	2.7	0.2
MOMS023S1	M	M	1.7	23	2	1.7	0.4
MOMS024S1	54800	M	M	29	3	2.0	0.3
MOMS025S1	43900	1.9	-1.0	23	4	1.5	0.2
MOMS026S1	51900	4.4	1.5	23	3	2.0	0.2
MOMS027S1	35400	M	3.1	25	4	M	0.3
MOMS028S1	M	M	-1.1	23	3	1.6	0.3
MOMS029S1	58300	11.6	M	M	M	M	M
MOMS030S1	M	10.1	-1.0	33	4	3.1	0.4
MOMS031S1	M	11.0	0.9	15	2	1.2	0.2
MOMS032S1	M	3.7	-1.0	18	1	1.8	0.2
MOMS033S1	84100	8.9	-1.0	31	4	M	0.3
MOMS034S1	54300	4.7	-1.0	43	5	M	0.2
MOMS035S1	52900	M	1.0	28	4	1.5	0.3
MOMS036S1	M	M	0.7	22	3	3.7	0.2
MOMS037S1	52500	4.6	2.0	28	3	2.6	0.3
MOMS038S1	53500	M	-1.3	63	7	5.3	0.7
MONE001S1	58000	M	1.8	46	6	1.7	0.5
MONE002S1	64900	7.7	-1.9	25	4	1.9	M
MONE003S1	35400	M	M	22	4	M	0.2
MONE004S1	M	M	2.0	22	4	1.7	0.2
MONE005S1	38100	M	-1.0	21	3	M	0.3
MONE006S1	61700	M	-1.0	40	8	M	0.5
MONE007S1	M	M	-1.0	22	3	2.9	0.3
MONE008S1	45800	M	-1.8	24	4	M	0.2
MONE009S1	M	M	3.5	23	2	2.4	0.2
MONE010S1	45500	0.8	-1.7	26	4	1.7	0.3
MONE011S1	M	7.2	3.0	26	5	M	-0.3
MONE012S1	56500	M	-1.0	26	4	1.6	0.3
MONE013S1	M	M	3.4	43	9	M	0.5
MONE014S1	37900	6.3	1.3	25	2	M	0.3
MONE015S1	77100	M	M	37	4	5.1	0.3
MONE016S1	M	M	-1.0	27	5	M	0.3
MONE017S1	42300	M	1.1	24	4	M	0.2
MONE018S1	M	8.3	M	33	6	M	0.3

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MONE019S1	67800	M	-1.0	33	6	M	0.3
MONE020S1	81000	5.2	-1.2	38	7	M	0.4
MONE021S1	M	M	1.0	23	4	M	0.2
MONE022S1	97300	M	0.8	32	3	M	M
MONE023S1	90100	M	-1.0	36	4	M	0.4
MONE024S1	61200	M	-1.0	38	7	M	0.3
MONE025S1	M	M	M	45	4	M	0.4
MONE026S1	58600	M	-1.0	28	5	M	0.3
MONE027S1	45600	3.9	1.3	25	4	M	0.1
MONE028S1	M	M	-1.8	27	3	M	0.4
MONE029S1	45800	M	3.4	36	7	4.3	0.3
MONE030S1	M	M	1.3	27	4	M	0.2
MONE031S1	55100	M	-2.0	28	6	M	0.3
MONE032S1	M	M	M	32	5	M	0.2
MONE033S1	30500	M	-1.5	40	4	M	0.3
MONE034S1	39500	M	0.9	31	2	M	M
MONE035S1	27700	M	1.8	170	13	7.0	0.9
MONE036S1	M	M	0.7	20	2	1.8	0.2
MONE037S1	31700	M	1.1	27	4	M	0.2
MONE038S1	53800	5.8	1.2	37	5	M	0.4
MONE039S1	M	M	-1.0	23	2	M	M
MONE040S1	28600	M	-1.0	18	4	M	M
MONE041S1	M	M	-1.3	20	3	1.7	M
MONE042S1	88300	5.4	2.9	40	6	M	0.4
MONE043S1	M	M	-1.0	23	3	1.4	0.3
MONE044S1	65200	M	-1.0	27	3	M	0.5
MONE045S1	M	M	M	M	M	M	M
MONE046S1	63200	5.9	-1.0	24	4	M	0.3
MONE047S1	M	2.1	0.8	32	4	3.2	0.6
MONE048S1	38900	M	2.2	27	6	M	0.1
MONE049S1	M	M	1.8	23	4	M	-0.2
MONE050S1	56200	M	-1.0	22	2	1.5	0.2
MONE051S1	35800	M	0.9	35	4	3.6	0.3
MONE052S1	40600	5.0	M	33	6	2.6	0.4
MONE053S1	39200	M	1.2	47	4	2.3	0.4
MONE054S1	58700	9.8	2.2	38	6	M	0.3
MONE055S1	33500	M	-1.0	27	2	1.6	0.3
MONE056S1	M	M	M	33	6	M	-0.4
MONE057S1	M	2.1	M	32	6	M	-0.2
MONW001S1	M	M	M	M	M	M	M
MONW002S1	M	M	M	M	M	M	M
MONW003S1	M	M	M	M	M	M	M
MONW004S1	M	M	M	M	M	M	M
MONW005S1	M	M	M	M	M	M	M
MONW006S1	M	M	M	M	M	M	M
MONW007S1	M	M	M	M	M	M	M
MONW008S1	M	M	M	M	M	M	M
MONW009S1	M	M	M	M	M	M	M
MONW010S1	M	M	M	M	M	M	M
MONW011S1	M	M	M	M	M	M	M

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MONW012S1	M	M	M	M	M	M	M
MONW013S1	M	M	M	M	M	M	M
MONW014S1	M	M	M	M	M	M	M
MONW015S1	M	M	M	M	M	M	M
MONW016S1	M	M	M	M	M	M	M
MONW017S1	M	M	M	M	M	M	M
MONW018S1	M	M	M	M	M	M	M
MONW019S1	M	M	M	M	M	M	M
MONW020S1	M	M	M	M	M	M	M
MONW021S1	M	M	M	M	M	M	M
MONW022S1	M	M	M	M	M	M	M
MONW023S1	M	M	M	M	M	M	M
MONW024S1	M	M	M	M	M	M	M
MONW025S1	M	M	M	M	M	M	M
MONW026S1	M	M	M	M	M	M	M
MONW027S1	M	M	M	M	M	M	M
MONW028S1	M	M	M	M	M	M	M
MONW029S1	M	M	M	M	M	M	M
MONW030S1	M	M	M	M	M	M	M
MONW031S1	M	M	M	M	M	M	M
MONW032S1	M	M	M	M	M	M	M
MONW033S1	M	M	M	M	M	M	M
MONW034S1	M	M	M	M	M	M	M
MONW035S1	M	M	M	M	M	M	M
MONW036S1	M	M	M	M	M	M	M
MONW037S1	M	M	M	M	M	M	M
MONW038S1	M	M	M	M	M	M	M
MONW039S1	M	M	M	M	M	M	M
MONW040S1	M	M	M	M	M	M	M
MONW041S1	M	M	M	M	M	M	M
MONW042S1	M	M	M	M	M	M	M
MONW043S1	M	M	M	M	M	M	M
MONW044S1	M	M	M	M	M	M	M
MONW045S1	M	M	M	M	M	M	M
MONW046S1	M	M	M	M	M	M	M
MONW047S1	M	M	M	M	M	M	M
MONW048S1	M	M	M	M	M	M	M
MONW049S1	M	M	M	M	M	M	M
MONW050S1	M	M	M	M	M	M	M
MONW051S1	M	M	M	M	M	M	M
MONW052S1	M	M	M	M	M	M	M
MONW053S1	M	M	M	M	M	M	M
MONW054S1	M	M	M	M	M	M	M
MONW055S1	M	M	M	M	M	M	M
MONW056S1	M	M	M	M	M	M	M
MONW057S1	M	M	M	M	M	M	M
MONW058S1	M	M	M	M	M	M	M
MONW059S1	M	M	M	M	M	M	M
MONW060S1	M	M	M	M	M	M	M
MONW061S1	M	M	M	M	M	M	M

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MONW062S1	M	M	M	M	M	M	M
MONW063S1	M	M	M	M	M	M	M
MONW064S1	M	M	M	M	M	M	M
MONW065S1	M	M	M	M	M	M	M
MONW066S1	M	M	M	M	M	M	M
MONW067S1	M	M	M	M	M	M	M
MONW068S1	M	M	M	M	M	M	M
MONW069S1	M	M	M	M	M	M	M
MONW070S1	M	M	M	M	M	M	M
MONW071S1	M	M	M	M	M	M	M
MONW072S1	M	M	M	M	M	M	M
MONW073S1	M	M	M	M	M	M	M
MONW074S1	M	M	M	M	M	M	M
MONW075S1	M	M	M	M	M	M	M
MONW076S1	M	M	M	M	M	M	M
MONW077S1	M	M	M	M	M	M	M
MOOR001S1	24000	M	0.7	13	2	1.1	0.2
MOOR002S1	17700	M	1.0	13	1	M	0.2
MOOR003S1	21900	1.9	-1.0	18	3	2.1	0.2
MOOR004S1	26700	1.0	-1.0	27	3	M	0.3
MOOR005S1	22700	1.5	-1.6	16	3	M	0.2
MOOR006S1	17500	9.8	M	14	3	M	M
MOOR007S1	M	M	M	15	2	M	0.3
MOOR008S1	14900	M	-1.0	14	1	M	M
MOOR009S1	33200	5.2	-2.0	16	2	1.8	0.3
MOOR010S1	20600	M	0.9	27	5	2.0	0.6
MOOR011S1	12900	1.9	-1.0	12	3	1.7	0.3
MOOR012S1	11100	M	M	13	3	M	0.2
MOOR013S1	61600	M	-1.0	21	M	M	-0.3
MOOR014S1	11200	M	-1.1	6	2	M	-0.2
MOOR015S1	15000	7.3	-1.0	12	2	1.2	M
MOOR016S1	32000	M	0.7	22	4	2.1	0.2
MOOR017S1	M	4.1	0.5	15	2	M	0.2
MOOR018S1	7700	1.1	-1.0	4	1	M	-0.2
MOOR019S1	15500	M	-1.0	10	2	M	0.4
MOOR020S1	13500	M	1.1	12	2	1.1	M
MOOR021S1	5700	M	0.7	4	M	M	-0.3
MOOR022S1	8300	1.0	-1.0	7	1	M	0.2
MOOR023S1	9700	M	-1.0	11	2	M	M
MOOR024S1	30900	4.4	-1.8	22	3	M	0.3
MOOR025S1	26700	10.0	M	24	4	M	0.3
MOOR026S1	8900	17.6	-1.0	5	1	M	-0.2
MOOR027S1	17200	M	0.5	9	1	4.3	0.1
MOOR028S1	23800	M	-1.0	11	3	M	-0.2
MOOR029S1	23700	3.2	0.8	14	2	1.9	0.3
MOOR030S1	24900	M	M	21	3	M	0.2
MOOR031S1	10600	2.3	-1.0	7	1	M	M
MOOR032S1	33500	M	0.8	27	4	M	0.3
MOOR033S1	64600	M	-1.8	23	3	M	0.1
MOOR034S1	57700	M	-1.9	21	5	M	-0.2

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOOR035S1	9900	M	-1.4	11	3	M	M
MOOR036S1	19000	M	-1.0	15	3	1.1	0.3
MOOR037S1	9400	M	-1.0	4	1	M	M
MOOR038S1	25000	M	-1.0	21	4	M	0.2
MOPE001S1	41600	M	M	28	4	M	0.5
MOPE002S1	61700	M	0.9	28	5	M	0.2
MOPE003S1	56900	M	-1.0	28	3	2.3	0.2
MOPE004S1	41400	M	-1.0	24	2	3.0	0.3
MOPE005S1	50400	M	1.2	30	3	1.7	0.3
MOPE006S1	57900	0.7	M	39	7	M	0.4
MOPE007S1	43600	7.0	0.5	21	2	3.9	0.3
MOPE008S1	M	M	-1.6	24	3	2.2	0.3
MOPE009S1	65900	5.1	-1.8	25	4	3.1	0.2
MOPE010S1	44000	M	1.0	23	3	1.8	0.3
MOPE011S1	47400	M	1.2	23	M	M	0.2
MOPE012S1	63800	M	1.6	22	3	M	0.3
MOPE013S1	M	2.8	M	25	4	M	0.3
MOPE014S1	48500	M	0.6	22	3	2.3	0.3
MOPE015S1	64600	2.1	2.7	35	5	3.2	0.4
MOPE016S1	49000	7.3	2.4	32	5	1.9	0.4
MOPE017S1	65900	7.4	-1.0	29	5	3.3	0.3
MOPE018S1	46600	M	-1.0	23	4	M	0.2
MOPE019S1	67200	3.8	1.0	28	5	1.9	0.2
MOPE020S1	44300	M	-1.0	25	3	1.6	0.3
MOPE021S1	M	M	-1.0	25	3	4.0	0.2
MOPE022S1	63500	M	M	34	5	M	0.3
MOPE023S1	M	M	1.7	31	4	2.5	0.2
MOPE024S1	42400	3.5	-1.0	25	3	2.1	0.3
MOPE025S1	62600	M	-1.0	23	2	M	0.1
MOPE026S1	49400	4.1	1.3	20	2	1.9	0.2
MOPE027S1	M	4.5	M	29	5	2.3	0.2
MOPE028S1	54600	2.8	1.3	40	5	2.4	0.4
MOPE029S1	63200	8.3	-1.9	26	4	1.6	0.2
MOPE030S1	37200	3.1	-1.0	27	3	1.6	0.3
MOPE031S1	42300	M	1.8	20	2	3.2	0.3
MOPE032S1	56200	M	2.2	32	4	2.2	0.3
MOPE033S1	43100	M	M	35	5	2.6	-0.2
MOPE034S1	52000	M	1.3	26	4	1.4	0.3
MOPE035S1	60800	10.8	M	28	4	2.1	0.2
MOPE036S1	M	M	-1.0	32	5	1.5	0.3
MOPE037S1	35400	10.5	1.5	22	4	M	-0.3
MOPE038S1	M	M	0.9	21	3	1.1	0.2
MOPE039S1	51600	8.7	-1.0	25	4	M	0.3
MOPE040S1	57800	M	-1.9	28	4	1.2	0.3
MOPE041S1	53200	6.2	1.0	28	5	3.2	0.3
MOPE042S1	69700	2.9	-1.0	36	6	1.7	0.8
MOPE043S1	60800	0.8	1.0	24	3	1.4	0.3
MOPH001S1	32200	5.5	0.7	27	4	2.9	0.4
MOPH002S1	11600	M	-1.0	12	2	M	0.2
MOPH003S1	22200	M	1.7	22	3	M	0.3

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOPH004S1	9300	M	M	7	1	M	M
MOPH005S1	18900	M	M	11	2	2.6	0.2
MOPH006S1	7200	M	M	4	1	M	M
MOPH007S1	17700	M	0.8	20	3	M	0.2
MOPH008S1	4600	M	-1.0	3	1	M	M
MOPH009S1	9800	0.8	-1.0	10	2	M	M
MOPH010S1	22200	M	0.7	21	3	M	M
MOPH011S1	7700	M	M	5	1	M	M
MOPH012S1	9400	M	M	10	2	M	0.1
MOPH013S1	7400	M	M	6	1	M	M
MOPH014S1	16000	0.2	M	21	3	M	0.2
MOPH015S1	14600	0.2	M	15	2	M	0.2
MOPH016S1	9100	M	M	5	2	M	0.1
MOPH017S1	17000	M	M	18	2	2.6	0.2
MOPH018S1	18100	M	M	17	4	M	M
MOPH019S1	5500	M	0.6	6	1	M	M
MOPH020S1	4200	M	-1.0	6	1	M	M
MOPH021S1	6800	M	M	10	2	M	M
MOPH022S1	14300	M	M	7	1	M	0.1
MOPH023S1	12000	1.3	M	6	M	M	M
MOPH024S1	6800	M	M	8	M	M	M
MOPH025S1	5700	1.2	M	6	1	M	M
MOPH026S1	16800	M	M	12	2	M	M
MOPH027S1	22800	M	0.9	14	2	4.3	0.4
MOPH028S1	12800	M	M	13	2	M	0.2
MOPH029S1	7100	1.9	M	11	2	M	0.2
MOPH030S1	15300	M	M	11	2	M	0.2
MOPH031S1	9300	1.0	M	10	1	1.3	M
MOPH032S1	2900	M	M	M	1	M	M
MOPH033S1	45400	1.3	-1.0	30	5	2.3	0.4
MOPH034S1	24000	M	2.5	21	3	M	0.4
MOPH035S1	11700	M	M	11	1	M	M
MOPH036S1	22600	M	0.9	18	4	M	0.3
MOPH037S1	16000	0.5	0.8	14	2	2.1	M
MOPH038S1	18700	M	M	14	1	M	M
MOPH039S1	11000	M	-1.0	8	1	M	0.1
MOPH040S1	27300	M	0.6	20	3	M	0.2
MOPH041S1	19100	M	M	13	3	M	0.2
MOPH042S1	70100	M	M	14	2	M	0.2
MOPH043S1	23900	M	M	20	3	2.0	0.3
MOPH044S1	18200	M	M	11	2	M	0.1
MOPH045S1	13500	0.2	M	13	2	M	M
MOPH046S1	19600	M	M	18	2	M	0.2
MOPH047S1	14800	0.2	M	11	2	1.7	0.2
MOPH048S1	19700	0.2	0.7	15	3	M	0.2
MOPH049S1	12400	0.1	2.7	11	2	M	M
MOPH050S1	22900	0.4	1.0	17	3	M	0.4
MOPH051S1	17900	M	0.5	13	2	M	M
MOPH052S1	45100	0.4	1.0	21	3	M	M
MOPH053S1	24500	0.1	-1.0	19	3	2.5	0.2

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOPH054S1	12000	M	M	8	2	M	M
MOPH055S1	33300	0.4	0.8	28	4	M	0.2
MOPH056S1	6500	M	-1.0	3	1	M	M
MOPH057S1	17000	M	-1.0	20	2	M	0.2
MOPH058S1	8100	1.7	-1.0	8	1	M	0.2
MOPH059S1	11800	M	M	14	2	M	0.1
MOPH060S1	12900	M	1.1	14	3	2.8	0.2
MOPH061S1	6500	M	M	6	1	M	0.1
MOPH062S1	17500	M	1.0	15	2	1.5	0.2
MOPH063S1	14200	M	M	11	3	M	0.3
MOPH064S1	39800	0.2	0.7	26	4	2.4	0.2
MOPH065S1	12300	M	M	11	2	M	0.2
MOPH066S1	19300	M	-1.0	18	3	M	0.2
MOPH067S1	24100	0.2	0.8	17	3	2.0	0.2
MOPH068S1	64700	M	M	18	2	1.5	M
MOPH069S1	24400	0.2	M	20	2	M	0.3
MOPH070S1	15700	4.0	1.1	17	2	M	M
MOPH071S1	7300	1.0	M	8	1	M	0.1
MOPH072S1	17400	0.2	0.6	11	2	1.8	0.2
MOPH073S1	37900	0.8	M	26	5	M	0.3
MOPH074S1	8900	1.7	M	11	2	M	0.1
MOPH075S1	24500	0.2	0.9	23	3	2.8	0.2
MOPR001S1	11200	3.9	2.7	16	7	M	0.2
MOPR002S1	M	M	-1.0	17	4	M	0.3
MOPR003S1	27200	1.4	0.7	25	3	M	0.2
MOPR004S1	M	M	0.6	15	3	M	0.2
MOPR005S1	14800	M	1.1	8	2	6.4	1.1
MOPR006S1	9300	2.2	M	10	2	2.8	0.3
MOPR007S1	M	M	1.1	35	5	8.3	0.6
MOPR008S1	25900	0.4	1.2	33	6	M	0.6
MOPR009S1	M	0.4	-1.0	33	3	M	0.6
MOPR010S1	M	2.6	1.2	38	2	2.8	0.5
MOPR011S1	M	1.3	1.3	23	3	3.1	0.4
MOPR012S1	18700	5.4	1.1	18	4	M	0.2
MOPR013S1	M	M	-1.0	M	M	M	0.2
MOPR014S1	M	M	0.9	M	3	M	0.2
MOPR015S1	26400	0.2	1.3	18	6	M	M
MOPR016S1	10000	M	-1.0	10	7	M	M
MOPR017S1	24000	M	M	23	9	2.4	0.3
MOPR018S1	M	0.4	0.6	25	4	M	0.3
MOPR019S1	14800	M	M	14	2	M	0.3
MOPR020S1	17500	M	0.7	M	1	M	M
MOPR021S1	16800	1.4	M	23	1	M	0.2
MOPR022S1	8300	M	-1.0	6	2	M	M
MOPR023S1	M	0.3	1.0	22	2	4.1	0.3
MOPR024S1	M	2.0	1.1	14	2	M	0.3
MOPR025S1	M	M	M	14	2	M	M
MOPR026S1	16400	1.5	M	18	2	M	0.3
MOPR027S1	17200	3.0	M	10	2	M	M
MOPR028S1	7300	1.5	0.4	5	5	M	M

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOPR029S1	24700	M	1.5	39	7	4.9	0.4
MOPR030S1	33500	M	M	34	6	3.0	0.3
MOPR031S1	28500	M	1.2	42	8	M	0.5
MOPR032S1	M	M	M	M	M	M	M
MOPR033S1	27400	0.1	1.6	26	4	3.7	0.4
MOPR034S1	36500	M	1.0	28	5	3.6	0.5
MOPR035S1	31400	2.3	-1.0	27	6	3.9	0.4
MOPR036S1	15400	M	0.9	13	3	M	M
MOPR037S1	33900	M	M	28	5	2.6	0.4
MOPR038S1	34900	0.2	0.8	28	5	2.8	0.4
MOPR039S1	36500	M	1.2	33	4	3.2	0.4
MOPR040S1	22700	0.4	1.0	27	3	2.6	0.3
MOPR041S1	33600	0.3	0.7	24	4	3.5	0.2
MOPR042S1	29500	0.1	-1.0	30	5	3.1	0.6
MOPR043S1	30300	0.5	0.9	30	5	2.8	0.5
MOPR044S1	25400	6.4	M	33	5	5.3	0.6
MOPR045S1	31300	M	0.6	25	4	3.2	0.3
MOPR046S1	36500	0.2	M	25	4	5.1	0.3
MOPR047S1	48000	0.8	1.7	23	3	M	0.3
MOPR048S1	35100	0.2	1.2	27	4	M	0.3
MOPR049S1	28700	M	-1.0	30	5	2.6	0.5
MOPR050S1	33800	0.4	M	26	5	M	0.5
MOPR051S1	20600	M	0.6	16	3	2.1	0.1
MOPR052S1	40700	M	0.6	25	3	1.8	0.2
MOPR053S1	42000	M	1.3	26	4	3.5	0.3
MOPR054S1	40000	9.3	1.7	23	4	1.9	0.2
MOPR055S1	46200	M	1.6	29	4	M	0.2
MOPR056S1	62900	0.7	M	32	5	4.4	0.4
MORE001S1	40500	0.6	1.4	M	13	M	M
MORE002S1	19900	0.1	0.6	M	M	M	0.4
MORE003S1	27700	0.8	3.4	M	17	M	M
MORE004S1	12800	M	M	M	M	M	-0.2
MORE005S1	12300	0.2	M	M	4	M	M
MORE006S1	21300	0.3	1.1	M	22	M	0.4
MORE007S1	23200	0.5	0.7	M	8	M	M
MORE008S1	23500	M	1.1	M	M	M	M
MORE009S1	36800	0.6	1.8	M	M	M	M
MORE010S1	25400	0.5	0.7	M	6	M	M
MORE011S1	13600	1.3	0.5	M	M	M	M
MORE012S1	20800	0.3	0.7	M	9	M	M
MORE013S1	19200	0.2	1.3	M	14	M	-0.2
MORE014S1	21600	0.3	1.1	M	M	M	M
MORE015S1	22500	0.4	1.0	M	M	M	0.8
MORE016S1	21200	1.5	1.2	M	M	M	M
MORE017S1	16700	0.2	M	M	M	M	M
MORE018S1	26300	0.4	1.5	M	12	M	M
MORE019S1	10500	0.5	-1.0	M	M	M	M
MORE020S1	21500	0.8	-1.0	M	M	M	-0.2
MORE021S1	19000	M	-1.0	M	M	M	M
MORE022S1	11000	0.3	0.7	M	M	M	-0.2

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MORE023S1	16700	0.6	1.4	M	12	M	0.4
MORE024S1	14100	0.3	M	M	5	M	M
MORE025S1	11600	0.3	0.7	M	M	M	M
MORE026S1	35800	0.9	2.4	M	17	M	0.6
MORE027S1	22400	0.4	-1.0	M	M	M	M
MORE028S1	14200	0.3	M	M	5	M	M
MORE029S1	14900	0.2	M	M	M	M	M
MORE030S1	15800	M	0.6	M	M	M	-0.2
MORE031S1	11900	M	-1.0	M	M	M	M
MORE032S1	12700	0.1	M	M	7	M	M
MORE033S1	14800	0.2	M	M	M	M	0.4
MORE034S1	24700	0.4	1.3	M	M	M	0.4
MORE035S1	11000	M	1.3	M	M	M	-0.2
MORE036S1	6600	M	M	M	M	M	M
MORE037S1	10300	0.2	1.3	M	M	M	M
MORE038S1	7300	0.4	M	M	6	M	M
MORE039S1	9300	0.4	M	M	M	M	-0.2
MORE040S1	6500	0.1	M	M	M	M	M
MORE041S1	18400	0.3	0.6	M	8	M	M
MORE042S1	6300	2.2	-1.0	M	M	M	M
MORE043S1	16700	0.5	M	M	11	M	0.3
MORE044S1	34900	0.3	1.7	M	M	M	0.5
MORE045S1	7000	0.1	-1.0	M	8	M	M
MORE046S1	30200	0.5	1.2	M	M	M	0.4
MORE047S1	15400	M	0.4	M	M	M	M
MORE048S1	17600	0.4	1.0	M	M	M	M
MORE049S1	5800	M	M	M	M	M	M
MORE050S1	23000	0.7	1.0	M	10	M	M
MORE051S1	18200	M	0.3	M	4	M	M
MORE052S1	44400	0.3	1.3	M	9	M	M
MORE053S1	43000	M	1.1	M	M	M	M
MORE054S1	11800	0.1	M	M	M	M	M
MORE055S1	15800	0.2	1.4	M	M	M	0.5
MORE056S1	14100	0.3	M	M	6	M	M
MORE057S1	7900	0.1	M	M	M	M	-0.2
MORE058S1	11700	M	M	M	7	M	-0.2
MORE059S1	12400	0.3	0.5	M	M	M	-0.2
MORE060S1	49000	0.5	1.5	M	14	M	M
MORE061S1	30400	0.9	2.5	M	6	M	M
MORE062S1	32100	M	1.4	M	15	M	M
MORE063S1	22000	0.6	1.2	M	10	M	M
MORE064S1	11000	0.2	0.6	M	M	M	M
MORE065S1	15100	0.3	0.7	M	7	M	0.5
MORE066S1	22100	0.6	1.2	M	M	M	M
MORE067S1	22900	0.3	1.1	M	4	M	-0.2
MORE068S1	11400	0.2	0.4	M	M	M	M
MORE069S1	19300	0.7	1.9	M	M	M	M
MORE070S1	15100	0.3	0.7	M	M	M	-0.2
MORE071S1	13300	M	M	M	9	M	-0.2
MORE072S1	13600	0.2	1.3	M	M	M	M

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MORE073S1	18400	0.3	0.7	M	8	M	M
MORE074S1	25300	0.5	1.1	M	M	M	M
MORE075S1	9500	M	1.0	M	M	M	M
MORE076S1	29300	0.5	1.2	M	16	M	M
MORE077S1	14100	0.1	0.7	M	M	M	M
MORE078S1	11800	0.3	M	M	5	M	M
MORE079S1	15900	0.4	0.8	M	M	M	M
MORE080S1	18300	0.5	1.5	M	6	M	0.6
MORE081S1	7800	M	0.4	M	M	M	M
MORE082S1	5000	0.2	M	M	7	M	M
MORE083S1	7000	0.4	-1.0	M	8	M	M
MORE084S1	8700	M	0.7	M	M	M	-0.2
MORE085S1	9100	M	0.7	M	8	M	-0.2
MORE086S1	7200	0.2	M	M	7	M	M
MORE087S1	4300	M	M	M	M	M	-0.2
MORE088S1	12900	0.7	0.6	M	9	M	M
MORE089S1	12200	0.3	0.7	M	M	M	M
MORE090S1	15700	0.5	0.8	M	4	M	M
MORE091S1	8000	M	-1.0	M	M	M	-0.2
MORE092S1	21300	0.5	0.8	M	M	M	M
MORE093S1	13300	0.2	0.9	M	M	M	M
MORE094S1	11300	0.3	0.6	M	8	M	M
MORE095S1	36900	0.4	1.1	M	15	M	M
MORE096S1	15700	0.2	0.6	M	9	M	M
MORE097S1	26200	0.3	0.7	M	M	M	0.4
MORE098S1	31300	M	M	M	10	M	M
MOR1001S1	22600	M	-1.0	19	3	M	0.4
MOR1002S1	27000	M	-1.7	15	3	M	0.3
MOR1003S1	23400	M	-1.9	23	3	3.4	0.2
MOR1004S1	23600	M	2.1	20	5	1.9	0.5
MOR1005S1	17400	M	1.6	18	4	M	0.4
MOR1006S1	25700	M	0.5	9	1	2.6	0.3
MOR1007S1	45700	6.1	-1.0	22	3	M	0.5
MOR1008S1	36600	M	M	31	4	2.9	0.3
MOR1009S1	20900	4.6	M	24	4	2.9	0.4
MOR1010S1	13400	M	-1.0	15	3	M	0.2
MOR1011S1	21300	3.8	1.0	19	4	2.0	0.3
MOR1012S1	33900	13.6	-1.9	21	4	1.5	0.3
MOR1013S1	M	7.2	0.9	23	4	1.2	0.4
MOR1014S1	20500	M	1.0	16	2	1.2	0.2
MOR1015S1	14900	M	-1.0	14	3	M	0.5
MOR1016S1	26800	M	-1.9	19	4	1.3	0.3
MOR1017S1	50500	7.2	M	36	4	3.6	0.3
MOR1018S1	18900	M	-1.0	16	4	1.8	0.4
MOR1019S1	M	M	1.6	25	3	2.1	0.4
MOR1020S1	M	9.7	0.7	20	3	2.0	0.5
MOR1021S1	22000	M	-1.2	16	3	1.3	0.3
MOR1022S1	12200	11.5	1.0	9	1	1.7	0.2
MOR1023S1	44100	M	M	13	3	M	0.2
MOR1024S1	43800	M	0.5	22	4	M	0.1

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA----- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOR1025S1	12100	3.1	-1.0	18	3	M	0.2
MOR1026S1	M	M	-1.0	13	1	M	0.1
MOR1027S1	17100	M	-1.0	14	2	1.5	0.1
MOR1028S1	4900	M	-1.0	4	3	M	M
MOR1029S1	17800	M	-1.0	17	3	1.7	0.3
MOR1030S1	20200	M	-1.0	22	3	M	0.4
MOR1031S1	M	4.5	M	17	4	2.5	-0.2
MOR1032S1	M	M	0.5	22	4	3.3	0.3
MOR1033S1	13100	1.5	-1.0	6	6	M	-0.2
MOR1034S1	9600	14.6	-1.6	6	1	M	-0.2
MOR1035S1	48400	5.0	-1.3	19	3	2.4	0.5
MOR1036S1	19000	0.6	0.8	13	3	0.9	0.2
MOR1037S1	42600	2.9	1.3	17	2	M	0.3
MOR1038S1	11700	11.6	-1.0	4	1	M	0.1
MOR1039S1	11000	4.2	M	18	4	M	0.2
MOR1040S1	17900	M	-1.0	12	2	1.2	0.2
MOR1041S1	12900	M	0.5	8	1	2.4	0.2
MOR1042S1	22200	10.0	-1.0	9	2	0.7	0.1
MOR1043S1	21000	0.8	-1.5	11	1	1.9	0.1
MOR1044S1	20800	M	0.5	13	1	1.3	0.2
MOR1045S1	M	0.6	-1.0	18	2	1.1	0.5
MOR1046S1	26500	M	-1.0	26	4	2.7	0.4
MOR1047S1	8300	M	-1.4	8	1	M	0.1
MOR1048S1	12000	13.3	-1.0	7	2	0.9	0.1
MOR1049S1	27700	M	1.7	20	4	M	0.2
MOR1050S1	20500	M	-1.0	26	3	3.0	0.5
MOR1051S1	30800	M	1.2	21	2	3.0	0.3
MOR1052S1	19900	M	M	16	6	M	0.2
MOR1053S1	9900	2.3	M	8	2	M	0.2
MOR1054S1	12100	M	0.5	10	2	1.1	0.2
MOR1055S1	5400	10.3	-1.0	3	1	M	-0.2
MOR1056S1	36600	2.3	M	29	4	2.8	0.4
MOR1057S1	14600	M	M	10	3	M	M
MOR1058S1	20700	4.3	-1.0	26	5	3.7	0.4
MOR1059S1	M	M	1.4	28	2	1.9	0.2
MOR1060S1	M	M	-1.0	18	2	M	0.3
MOR1061S1	14900	22.3	M	10	2	M	0.6
MOR1062S1	28600	4.6	-1.0	19	4	2.1	0.3
MOR1063S1	16000	M	-1.0	16	4	M	0.2
MOR1064S1	29200	M	-1.0	18	2	M	0.2
MOSD001S1	36800	1.5	-1.0	21	3	3.4	0.4
MOSD002S1	26800	M	-1.2	25	3	2.9	-0.2
MOSD003S1	39000	M	1.1	36	4	1.6	M
MOSD004S1	26000	3.7	1.0	24	4	2.7	0.5
MOSD005S1	31500	M	-1.0	20	3	3.3	M
MOSD006S1	19200	M	-1.6	19	4	M	0.5
MOSD007S1	44100	M	-2.0	27	3	2.6	0.3
MOSD008S1	32700	M	M	29	6	M	-0.4
MOSD009S1	35900	M	2.2	26	4	3.3	0.4
MOSD010S1	29400	M	-1.0	19	3	M	0.3

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA----- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOSD011S1	32300	2.0	0.9	22	1	2.6	0.4
MOSD012S1	23300	2.8	-1.8	22	3	3.5	0.4
MOSD013S1	M	1.2	M	5	2	M	M
MOSD014S1	44400	M	1.4	32	5	2.5	0.2
MOSD015S1	32600	9.0	M	35	5	4.0	0.4
MOSD016S1	58700	5.1	-1.0	27	5	M	0.4
MOSD017S1	39700	M	M	29	5	2.9	0.4
MOSD023S1	49600	5.8	M	31	5	M	0.4
MOSD024S1	27600	1.5	1.2	27	5	3.2	0.5
MOSD025S1	22000	M	-1.0	22	2	3.5	0.6
MOSD026S1	40700	M	3.1	35	5	2.9	0.8
MOSD027S1	38900	M	-1.9	26	3	M	0.4
MOSD028S1	48600	M	2.2	34	5	M	0.3
MOSD029S1	49500	4.5	1.9	36	5	2.2	M
MOSD030S1	29500	M	0.8	29	4	2.1	0.6
MOSD031S1	40900	8.5	-1.0	30	5	3.5	0.5
MOSD032S1	36100	7.4	0.7	25	3	1.2	0.4
MOSD033S1	33000	M	M	36	4	2.4	0.6
MOSD034S1	36400	11.1	M	40	7	4.9	0.7
MOSD035S1	38500	11.0	M	28	5	3.6	0.3
MOSD036S1	57200	6.5	-1.0	37	6	3.1	0.4
MOSD037S1	41600	1.9	-1.9	26	3	1.9	0.4
MOSD038S1	M	M	-1.0	33	6	M	0.3
MOSD039S1	M	M	1.6	35	6	1.8	0.2
MOSD040S1	45200	M	1.4	30	4	3.2	0.3
MOSD041S1	18600	7.0	1.2	24	3	M	0.7
MOSD042S1	40600	M	-1.8	21	4	M	0.4
MOSD043S1	28200	M	3.1	29	6	4.1	0.4
MOSD044S1	M	M	1.8	32	6	3.0	-0.2
MOSD045S1	M	M	-2.0	24	3	2.4	0.3
MOSD046S1	M	M	1.3	15	1	M	M
MOSD047S1	31300	M	-1.0	35	4	2.4	0.3
MOSD048S1	33800	3.9	-1.8	23	5	3.7	0.5
MOSD049S1	47400	6.8	1.4	24	3	1.9	0.2
MOSD050S1	M	M	-1.3	26	3	M	-0.2
MOSD051S1	44900	M	0.7	27	5	M	0.4
MOSD052S1	M	2.7	-1.0	23	4	M	0.2
MOSD053S1	34400	6.8	M	M	M	M	M
MOSD054S1	M	M	-2.0	25	4	M	-0.2
MOSD055S1	27400	M	-2.0	25	4	1.9	0.3
MOSD056S1	M	4.9	-1.0	27	5	2.4	0.3
MOSD057S1	39500	7.9	-1.9	26	4	2.6	0.2
MOSD058S1	42300	1.9	M	28	5	M	0.4
MOSD059S1	45100	M	1.0	27	4	M	0.2
MOSD060S1	19100	3.2	1.3	31	4	3.0	0.7
MOSD061S1	24100	M	-1.0	20	3	1.7	0.4
MOSD062S1	35700	M	2.5	20	4	M	-0.2
MOSD063S1	32400	M	-1.0	19	2	3.0	0.2
MOSD064S1	7800	0.9	-1.0	5	1	0.5	0.1
MOSD065S1	44300	5.2	-1.0	35	7	4.9	0.4

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA----- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOSD066S1	48700	M	1.2	30	5	2.2	0.4
MOSD067S1	12000	2.7	-1.0	7	1	0.8	0.2
MOSD068S1	M	M	-1.0	6	1	0.4	0.1
MOSD069S1	13100	1.3	0.6	9	1	1.0	0.2
MOSD070S1	12200	M	0.6	7	1	0.6	0.2
MOSD071S1	11500	1.8	-1.0	9	1	1.0	0.1
MOSD072S1	47600	M	1.0	23	2	2.0	0.6
MOSD073S1	M	7.1	M	25	5	4.2	M
MOSD074S1	25400	1.1	-1.0	23	4	2.2	0.4
MOSD075S1	M	1.2	M	27	4	M	0.4
MOSD076S1	22500	6.8	0.6	23	4	2.1	0.4
MOSD077S1	M	M	-1.0	15	2	M	0.2
MOSD078S1	25900	1.2	1.4	35	6	M	0.8
MOSF001S1	34500	0.2	-1.0	18	4	M	M
MOSF002S1	35800	1.3	-1.3	22	4	1.2	M
MOSF003S1	12200	M	-1.0	7	M	M	M
MOSF004S1	14000	M	-1.0	11	2	M	M
MOSF005S1	15400	M	-1.0	5	M	M	M
MOSF006S1	37700	0.1	-1.0	14	2	2.8	M
MOSF007S1	1200	M	-1.0	2	M	M	M
MOSF008S1	9100	0.1	-1.0	10	2	M	M
MOSF009S1	23600	M	-1.0	2	1	M	M
MOSF010S1	23400	1.2	M	12	2	2.0	0.3
MOSF011S1	27600	0.9	-1.0	7	1	M	0.3
MOSF012S1	24900	0.2	2.4	17	3	M	M
MOSF013S1	32100	0.6	-1.0	20	3	M	0.2
MOSF014S1	13000	M	-1.0	4	M	M	M
MOSF015S1	15700	M	-1.0	M	4	M	M
MOSF016S1	8400	M	-1.0	10	2	M	M
MOSF017S1	13100	M	-1.0	7	2	M	M
MOSF018S1	19700	0.2	-1.0	9	2	M	M
MOSF019S1	22800	M	-1.0	29	5	M	M
MOSF020S1	4400	0.7	M	M	M	M	M
MOSF021S1	33000	0.3	-1.0	43	6	M	0.5
MOSF022S1	12800	M	-1.0	7	3	M	M
MOSF023S1	36500	M	-1.0	8	M	M	M
MOSF024S1	31100	M	-1.0	19	M	M	M
MOSF025S1	21300	M	M	6	4	M	M
MOSF026S1	32700	0.4	2.2	M	4	M	M
MOSF027S1	36400	M	1.3	23	7	M	0.2
MOSF028S1	21300	0.2	-1.0	12	M	M	M
MOSF029S1	7000	2.6	M	10	3	M	0.6
MOSF030S1	8000	M	-1.0	2	M	M	M
MOSF031S1	18000	0.6	-1.0	16	M	M	0.7
MOSF032S1	34300	0.4	M	33	5	M	M
MOSF033S1	34400	M	4.4	12	6	M	M
MOSF034S1	30800	M	-1.0	186	M	M	M
MOSF035S1	35400	0.3	-1.0	26	6	M	0.5
MOSF036S1	3900	M	M	2	M	M	M
MOSF037S1	22400	M	-1.0	34	16	M	M

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA----- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOSF038S1	18100	0.5	M	22	4	2.4	M
MOSF039S1	23500	2.6	-1.0	14	2	M	M
MOSF040S1	28500	0.6	M	16	4	9.0	1.3
MOSF041S1	61900	0.5	-1.0	5	2	M	M
MOSF042S1	46100	2.3	-1.1	45	9	18.7	3.0
MOSF043S1	7700	1.9	M	4	1	M	M
MOSF044S1	31100	0.5	-1.0	23	4	3.0	0.5
MOSF045S1	7600	1.2	-1.0	6	1	M	0.6
MOSF046S1	32400	0.8	1.9	23	4	7.6	0.8
MOSF047S1	35500	0.4	-1.0	17	2	M	0.5
MOSF048S1	28000	0.4	M	20	4	3.4	0.4
MOSF049S1	22200	0.2	-1.0	17	3	M	0.3
MOSF050S1	11700	0.1	M	11	3	M	0.2
MOSF051S1	5400	0.8	1.6	6	1	M	M
MOSG001S1	13900	14.5	-1.0	11	2	M	0.1
MOSG002S1	14000	M	0.7	10	1	M	0.4
MOSG003S1	18400	4.5	-1.6	14	2	M	0.1
MOSG004S1	8200	6.0	-1.7	8	3	4.4	0.9
MOSG005S1	10400	2.2	M	14	4	M	0.4
MOSG006S1	5900	1.5	0.5	8	2	1.7	0.2
MOSG007S1	6800	4.9	-1.0	5	4	7.6	0.6
MOSG008S1	7700	4.0	-1.0	8	1	1.7	0.2
MOSG009S1	14900	5.6	-1.1	15	4	3.6	0.6
MOSG010S1	14600	4.3	-1.0	17	4	4.9	0.9
MOSG011S1	20400	6.5	-1.4	17	3	3.0	0.3
MOSG012S1	15200	M	-1.0	10	2	2.4	0.3
MOSG013S1	15500	2.6	-1.4	13	3	2.6	0.3
MOSG014S1	10400	M	M	10	2	M	0.3
MOSG015S1	29600	M	0.9	M	3	3.2	0.6
MOSG016S1	32300	0.3	-1.0	M	3	2.2	0.4
MOSG017S1	34600	M	-1.0	M	4	3.1	0.2
MOSG018S1	5900	5.0	M	M	1	4.9	0.8
MOSG019S1	9900	M	M	M	2	M	0.3
MOSG020S1	22600	0.1	1.3	M	5	M	0.3
MOSG021S1	22200	M	1.5	M	2	M	0.3
MOSG022S1	6400	3.3	M	M	1	M	0.5
MOSG023S1	51000	0.1	0.7	M	4	3.8	0.2
MOSG024S1	10200	0.3	1.3	M	3	M	M
MOSG025S1	32600	0.2	1.0	M	5	M	0.3
MOSG026S1	14900	0.1	1.0	M	4	2.0	0.2
MOSG027S1	12700	M	M	M	1	M	0.2
MOSG028S1	15600	0.3	0.5	M	2	M	M
MOSG029S1	17000	M	0.4	M	1	M	0.2
MOSG030S1	22400	M	0.9	M	2	M	0.2
MOSG031S1	30200	0.2	-1.0	M	3	M	0.4
MOSG032S1	31900	M	1.0	M	3	M	0.4
MOSG033S1	45000	4.5	M	M	5	M	0.3
MOSG034S1	16300	M	0.8	M	2	3.1	M
MOSG035S1	17800	M	0.5	M	3	M	0.2
MOSG036S1	16600	M	M	M	3	2.2	0.3

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOSG037S1	10800	0.1	M	M	2	3.5	M
MOSG038S1	11900	2.9	M	M	2	M	0.3
MOSG039S1	27100	M	M	M	4	3.2	0.3
MOSG040S1	14200	0.4	M	M	2	M	M
MOSG041S1	38100	0.5	1.5	M	5	M	M
MOSG042S1	7000	M	0.8	M	1	M	M
MOSG043S1	3400	M	M	M	1	M	M
MOSG044S1	29800	M	0.8	M	3	M	M
MOSG045S1	24400	M	0.6	M	4	M	0.3
MOSG046S1	16800	M	M	M	4	M	0.2
MOSG047S1	23500	0.1	2.5	M	3	M	0.3
MOSG048S1	21900	M	M	M	3	M	M
MOSG049S1	15100	M	M	M	3	M	0.2
MOSG050S1	19100	0.2	M	M	3	M	0.3
MOSG051S1	17400	M	M	M	1	M	M
MOSG052S1	13500	M	-1.0	M	1	M	M
MOSG053S1	27400	0.1	2.6	M	4	4.0	M
MOSG054S1	37500	0.6	0.6	M	3	M	0.4
MOSG055S1	33200	M	1.1	M	4	2.7	0.2
MOSG056S1	30900	M	0.9	M	4	M	0.4
MOSG057S1	23900	3.9	M	M	6	M	0.2
MOSG058S1	30700	3.1	1.1	M	3	4.9	0.2
MOSG059S1	23100	0.2	0.6	M	2	M	0.2
MOSG060S1	18700	0.3	1.2	M	1	M	M
MOSH001S1	10400	M	-1.0	7	M	M	M
MOSH002S1	10400	1.7	-1.0	10	2	M	-0.2
MOSH003S1	8400	3.5	-1.9	8	2	M	-0.2
MOSH004S1	6400	16.6	-1.0	6	2	M	M
MOSH005S1	21300	0.6	0.8	19	3	1.4	0.2
MOSH006S1	M	M	2.3	33	6	M	0.2
MOSH007S1	46000	10.1	2.5	30	M	M	M
MOSH008S1	25100	M	M	28	5	2.8	0.4
MOSH009S1	M	4.3	M	31	M	M	M
MOSH010S1	M	M	-1.0	21	2	2.0	0.3
MOSH011S1	M	M	1.0	38	5	3.8	0.4
MOSH012S1	M	M	-1.0	35	5	3.3	0.6
MOSH013S1	M	M	M	78	9	4.7	1.0
MOSH014S1	M	M	M	42	6	M	0.5
MOSH015S1	M	M	1.4	28	6	2.2	0.6
MOSH016S1	M	M	0.8	29	2	M	0.5
MOSH017S1	M	M	-1.0	34	6	3.0	0.4
MOSH018S1	M	M	0.8	20	3	2.6	0.2
MOSH019S1	M	4.9	-1.0	34	7	7.8	0.5
MOSH020S1	9800	M	-1.0	6	M	M	0.2
MOSH021S1	3800	M	-1.0	4	1	M	-0.2
MOSH022S1	16300	25.8	-1.0	17	4	1.9	M
MOSH023S1	16200	8.6	-1.0	17	4	M	-0.2
MOSH024S1	19200	10.0	-1.0	17	3	2.5	0.2
MOSH025S1	M	M	1.7	35	4	M	0.3
MOSH026S1	M	M	2.6	28	3	2.1	0.5

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA----- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOSH027S1	M	30.6	-1.0	20	2	2.0	0.3
MOSH028S1	M	M	1.1	23	3	2.4	0.4
MOSH029S1	14000	M	-1.1	15	2	1.5	0.2
MOSH030S1	M	9.0	1.2	43	7	5.0	0.6
MOSH031S1	M	M	M	33	5	M	0.6
MOSH032S1	M	M	-2.0	27	4	2.3	0.3
MOSH033S1	M	M	M	37	6	2.5	0.5
MOSH034S1	M	M	0.8	20	3	M	0.4
MOSH035S1	M	8.5	3.4	36	7	2.4	0.5
MOSH036S1	M	M	1.0	32	7	7.1	0.2
MOSH037S1	12500	M	-1.0	9	1	M	0.2
MOSH038S1	11300	M	M	9	2	1.4	M
MOSH039S1	M	M	1.7	37	7	M	0.4
MOSH040S1	M	M	2.4	35	7	2.2	0.5
MOSH041S1	M	M	-2.0	26	4	M	0.3
MOSH042S1	14300	M	M	10	2	2.0	M
MOSH043S1	M	7.8	3.1	46	7	4.0	0.5
MOSH044S1	12000	M	-1.0	11	1	2.0	0.4
MOSH045S1	16800	M	-2.0	22	3	M	-0.2
MOSH046S1	M	M	-1.0	31	5	2.0	0.5
MOSH047S1	13200	M	-1.5	9	2	M	0.1
MOSH048S1	11100	M	-1.9	13	2	1.5	0.3
MOSH049S1	16600	7.4	1.1	14	3	M	0.3
MOSH050S1	11800	2.0	0.5	9	2	M	0.2
MOSH051S1	M	M	-1.0	17	1	M	0.2
MOSH052S1	13600	M	-1.4	18	3	2.0	M
MOSH053S1	14200	M	-1.0	18	3	2.2	0.2
MOSH054S1	M	1.8	M	28	M	3.0	0.3
MOSH055S1	9300	M	-1.0	8	1	M	M
MOSH056S1	17400	M	1.1	13	1	M	0.3
MOSH057S1	M	4.9	1.0	25	3	2.7	0.4
MOSH058S1	19900	M	-1.8	16	2	M	-0.2
MOSH059S1	10700	M	-1.5	9	1	M	0.1
MOSH060S1	10700	M	-1.0	7	2	M	-0.2
MOSH061S1	10000	1.0	-1.0	8	2	M	0.2
MOSH062S1	13200	17.4	-1.0	11	2	M	0.2
MOSH063S1	M	M	-1.4	25	4	M	-0.2
MOSH064S1	M	M	0.7	24	4	1.7	0.6
MOSH065S1	10600	M	-1.0	10	1	1.8	0.3
MOSH066S1	18800	M	-1.0	9	1	M	0.1
MOSH067S1	20100	4.3	0.9	19	2	2.8	0.4
MOSH068S1	M	M	0.5	20	1	2.3	0.7
MOSH069S1	9100	M	-1.0	8	1	1.2	0.1
MOSH070S1	M	M	M	25	6	2.2	0.4
MOSH071S1	23100	20.1	0.7	24	4	2.5	0.3
MOSH072S1	6400	M	0.7	5	1	1.1	0.3
MOSH073S1	14900	M	-1.0	15	3	M	0.4
MOSH074S1	17700	5.2	-1.2	29	5	3.2	0.5
MOSH075S1	19100	9.2	0.9	19	3	1.5	0.3
MOSH076S1	14600	M	-1.0	18	4	M	0.5

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOSH077S1	7400	7.8	-1.0	5	2	M	-0.2
MOSH078S1	13600	17.6	-1.0	9	1	M	M
MOSH079S1	18300	M	-1.9	17	3	3.0	0.3
MOSH080S1	M	M	M	28	5	2.8	0.5
MOSH081S1	11900	M	-2.0	13	3	M	0.3
MOSH082S1	11800	M	-1.7	17	3	2.0	0.4
MOSH083S1	20100	M	0.8	24	6	3.7	0.4
MOSH084S1	13100	14.8	-1.0	9	2	M	0.2
MOSH085S1	M	M	-1.0	19	4	2.2	0.3
MOSH086S1	6300	15.6	-1.0	5	2	M	-0.2
MOSH087S1	10900	0.4	-1.0	8	2	M	0.1
MOSH088S1	7100	M	-1.0	9	2	M	M
MOSH089S1	6900	M	-1.9	9	2	M	-0.2
MOSH090S1	21000	3.2	-2.0	22	5	M	0.3
MOSH091S1	18900	M	-1.0	24	4	5.5	0.5
MOSH092S1	3500	0.8	1.6	2	1	M	M
MOSH093S1	47100	4.8	3.1	52	9	5.3	0.6
MOSH094S1	22100	M	M	20	4	2.3	0.3
MOSH095S1	28700	M	2.0	30	6	M	0.5
MOSH096S1	26400	5.1	M	28	3	3.0	0.4
MOSH097S1	17700	1.7	M	13	1	0.9	0.1
MOSH098S1	32100	2.3	0.8	23	3	2.3	0.4
MOSH099S1	30600	6.0	M	26	3	2.5	0.3
MOST001S1	39100	M	1.4	57	9	2.4	0.5
MOST002S1	39500	3.7	-1.6	18	3	M	0.3
MOST003S1	32400	M	-1.1	25	3	2.7	0.2
MOST004S1	44100	13.3	-1.0	22	2	1.3	0.3
MOST005S1	31500	M	M	18	4	M	0.2
MOST006S1	50900	M	-2.0	29	4	1.4	0.4
MOST007S1	M	M	2.1	42	7	3.0	0.4
MOST008S1	M	M	-1.9	30	5	M	0.3
MOST009S1	48000	M	1.8	47	4	4.0	0.7
MOST010S1	33000	9.5	-2.0	29	4	M	0.3
MOST011S1	29900	4.8	-1.0	32	5	2.4	0.3
MOST012S1	M	6.3	1.3	36	5	2.0	0.3
MOST013S1	M	M	-1.0	41	5	2.0	0.3
MOST014S1	M	2.2	1.6	24	3	3.0	0.3
MOST015S1	54800	5.9	M	30	4	2.6	0.3
MOST016S1	61800	M	M	41	5	4.1	0.5
MOST017S1	45300	4.7	M	22	4	M	0.2
MOST018S1	24400	M	-1.0	13	2	1.0	0.1
MOST019S1	14700	5.7	3.4	100	13	12.1	1.9
MOST020S1	52400	1.1	-1.2	25	5	M	0.8
MOST021S1	35100	M	1.3	33	3	2.8	0.4
MOST022S1	48100	5.3	2.0	26	2	2.0	0.3
MOST023S1	48000	5.4	-1.0	19	2	M	0.2
MOST024S1	83100	M	M	41	5	M	0.5
MOST025S1	40500	M	1.6	30	4	1.7	0.3
MOST026S1	52500	3.6	M	M	M	M	M
MOST027S1	46600	M	-1.6	25	4	2.9	0.3

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOST029S1	52200	7.6	0.7	25	2	0.9	0.2
MOST029S1	48300	6.5	1.7	45	5	2.0	0.4
MOST030S1	32300	M	-1.0	37	6	2.6	0.5
MOST031S1	M	5.0	-1.0	89	5	3.6	0.6
MOST032S1	42800	M	M	35	6	3.1	0.5
MOST033S1	33100	2.5	M	28	3	2.3	0.3
MOST034S1	86500	5.0	2.7	32	4	2.8	0.2
MOST035S1	M	M	1.4	27	3	3.9	0.8
MOST036S1	M	M	1.2	41	6	5.3	0.5
MOST037S1	M	M	1.4	30	4	3.5	0.4
MOST038S1	M	M	2.1	36	5	M	M
MOST039S1	M	6.2	-1.0	26	5	2.3	0.4
MOST040S1	21700	M	1.4	26	3	4.9	0.7
MOST041S1	24700	13.4	0.9	25	4	1.3	0.4
MOST042S1	35900	M	-1.9	25	4	M	M
MOST043S1	32000	M	M	31	4	3.6	0.5
MOST044S1	M	2.6	0.9	26	4	2.0	0.4
MOST045S1	57900	5.0	1.5	24	3	1.6	0.4
MOST046S1	31300	M	-1.0	23	2	4.5	0.4
MOST047S1	53600	7.0	M	31	6	M	0.4
MOST048S1	30100	M	M	30	4	4.1	0.2
MOST049S1	34200	6.0	-1.0	31	3	3.1	0.6
MOST050S1	32500	5.6	1.9	36	7	4.7	0.8
MOST051S1	35500	4.5	0.8	30	4	2.9	0.4
MOST052S1	M	M	1.2	42	8	5.7	0.6
MOST053S1	35500	M	1.2	29	5	3.3	0.5
MOST054S1	37500	2.8	2.2	29	3	4.1	0.3
MOST055S1	31100	M	1.5	32	5	1.8	0.5
MOST056S1	M	M	-1.1	36	5	M	0.4
MOTE001S1	11400	2.1	-1.0	M	7	M	-0.2
MOTE002S1	6500	1.6	M	M	M	M	M
MOTE003S1	3300	0.6	M	M	M	M	-0.2
MOTE004S1	31000	0.4	1.4	M	M	M	0.4
MOTE005S1	9300	M	0.6	M	6	M	M
MOTE006S1	28800	0.3	0.9	M	M	M	M
MOTE007S1	11000	M	M	M	M	M	M
MOTE008S1	6400	0.2	M	M	M	M	M
MOTE009S1	28300	0.3	0.5	M	M	M	0.6
MOTE010S1	16000	0.3	0.9	M	M	M	M
MOTE011S1	17100	0.4	M	M	8	M	M
MOTE012S1	18700	M	0.3	M	9	M	0.7
MOTE013S1	14100	M	M	M	5	M	M
MOTE014S1	7600	2.2	-1.0	M	M	M	M
MOTE015S1	30400	0.2	0.7	M	5	M	M
MOTE016S1	14900	0.4	M	M	M	M	M
MOTE017S1	22700	0.2	M	M	10	M	M
MOTE018S1	29300	0.5	1.3	M	M	M	M
MOTE019S1	21600	0.2	1.0	M	3	M	M
MOTE020S1	14700	0.1	M	M	M	M	M
MOTE021S1	27800	0.2	-1.0	M	7	M	M

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOTE022S1	23500	M	0.8	M	M	M	-0.2
MOTE023S1	18700	M	0.5	M	8	M	M
MOTE024S1	24800	0.2	0.9	M	M	M	M
MOTE025S1	24500	M	-1.0	M	7	M	M
MOTE026S1	26000	M	M	M	M	M	M
MOTE027S1	19000	0.1	0.5	M	10	M	M
MOTE028S1	14500	M	-1.0	M	6	M	M
MOTE029S1	15400	0.1	0.6	M	4	M	-0.2
MOTE030S1	28600	0.3	0.5	M	M	M	M
MOTE031S1	51500	0.8	1.8	M	15	M	-0.2
MOTE032S1	27500	0.3	1.0	M	M	M	M
MOTE033S1	19800	0.1	1.0	M	6	M	M
MOTE034S1	30900	M	1.1	M	M	M	M
MOTE035S1	47100	0.6	2.0	M	15	M	M
MOTE036S1	21500	0.3	0.8	M	M	M	M
MOTE037S1	13600	0.2	M	M	8	M	-0.2
MOTE038S1	19800	M	M	M	M	M	M
MOTE039S1	20400	M	0.6	M	9	M	M
MOTE040S1	14900	M	M	M	M	M	M
MOTE041S1	14300	M	-1.0	M	8	M	-0.2
MOTE042S1	21900	0.4	1.1	M	M	M	M
MOTE043S1	17600	M	0.5	M	M	M	-0.2
MOTE044S1	18100	0.4	1.0	M	11	M	-0.2
MOTE045S1	34800	0.6	0.7	M	11	M	M
MOTE046S1	20700	0.4	0.5	M	M	M	0.3
MOTE047S1	13100	0.2	M	M	M	M	M
MOTE048S1	21500	0.3	0.9	M	4	M	M
MOTE049S1	22000	0.1	-1.0	M	M	M	M
MOTE050S1	14400	M	0.9	M	10	M	-0.2
MOTE051S1	13700	0.1	M	M	M	M	M
MOTE052S1	21300	0.2	0.5	M	6	M	M
MOTE053S1	21900	M	M	M	M	M	M
MOTE054S1	30400	0.8	0.7	M	13	M	0.6
MOTE055S1	32000	0.5	0.9	M	M	M	0.5
MOTE056S1	5600	M	M	M	6	M	0.4
MOTE057S1	29900	0.2	1.0	M	10	M	M
MOTE058S1	44800	0.3	1.2	M	15	M	M
MOTE059S1	9500	0.8	0.5	M	8	M	M
MOTE060S1	4900	0.3	M	M	M	M	M
MOTE061S1	18900	0.1	1.2	M	7	M	0.5
MOTE062S1	30800	M	1.4	M	M	M	M
MOTE063S1	26500	0.6	1.4	M	11	M	M
MOTE064S1	30500	0.2	0.8	M	9	M	M
MOTE065S1	34800	M	M	M	17	M	M
MOTE066S1	38600	0.3	1.5	M	M	M	-0.2
MOTE067S1	3900	0.1	-1.0	M	M	M	M
MOTE068S1	29900	M	1.2	M	15	M	M
MOTE069S1	28000	0.7	0.8	M	9	M	M
MOTE070S1	22200	0.3	-1.1	M	15	M	M
MOTE071S1	33700	M	0.6	M	8	M	M

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOTE072S1	18700	M	M	M	M	M	M
MOTE073S1	15000	0.4	-1.0	M	10	M	M
MOTE074S1	27600	M	M	M	14	M	-0.2
MOTE075S1	19000	0.2	-1.0	M	M	M	-0.2
MOTE076S1	19400	0.3	0.4	M	M	M	-0.2
MOTE077S1	23200	0.4	M	M	14	M	0.3
MOTE078S1	26000	0.2	0.8	M	M	M	M
MOTE079S1	10800	1.4	0.6	M	0	M	0.4
MOTE080S1	M	M	M	M	M	M	M
MOTE081S1	M	M	M	M	M	M	M
MOTE082S1	M	M	M	M	M	M	M
MOTE083S1	M	M	M	M	M	M	M
MOTE084S1	M	M	M	M	M	M	M
MOTE085S1	M	M	M	M	M	M	M
MOTE086S1	M	M	M	M	M	M	M
MOTE087S1	M	M	M	M	M	M	M
MOTE088S1	M	M	M	M	M	M	M
MOTE089S1	M	M	M	M	M	M	M
MOTE090S1	M	M	M	M	M	M	M
MOTE091S1	M	M	M	M	M	M	M
MOTE092S1	M	M	M	M	M	M	M
MOTE093S1	M	M	M	M	M	M	M
MOTE094S1	M	M	M	M	M	M	M
MOTE095S1	M	M	M	M	M	M	M
MOTE096S1	M	M	M	M	M	M	M
MOTE097S1	M	M	M	M	M	M	M
MOTE098S1	M	M	M	M	M	M	M
MOTE099S1	M	M	M	M	M	M	M
MOTE100S1	M	M	M	M	M	M	M
MOTE101S1	M	M	M	M	M	M	M
MOTE102S1	M	M	M	M	M	M	M
MOTE103S1	M	M	M	M	M	M	M
MOTE104S1	M	M	M	M	M	M	M
MOTE105S1	M	M	M	M	M	M	M
MOTE106S1	M	M	M	M	M	M	M
MOTE107S1	M	M	M	M	M	M	M
MOTE108S1	M	M	M	M	M	M	M
MOTE109S1	M	M	M	M	M	M	M
MOTE110S1	M	M	M	M	M	M	M
MOTE111S1	M	M	M	M	M	M	M
MOTE112S1	M	M	M	M	M	M	M
MOTE113S1	M	M	M	M	M	M	M
MOTE114S1	M	M	M	M	M	M	M
MOTE115S1	M	M	M	M	M	M	M
MOTE116S1	M	M	M	M	M	M	M
MOTE117S1	M	M	M	M	M	M	M
MOTE118S1	M	M	M	M	M	M	M
MOTE119S1	M	M	M	M	M	M	M
MOTE120S1	M	M	M	M	M	M	M
MOTE121S1	M	M	M	M	M	M	M

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
NOTE122S1	M	M	M	M	M	M	M
NOTE123S1	M	M	M	M	M	M	M
NOTE124S1	M	M	M	M	M	M	M
NOTE125S1	M	M	M	M	M	M	M
NOTE126S1	M	M	M	M	M	M	M
NOTE127S1	M	M	M	M	M	M	M
NOTE128S1	M	M	M	M	M	M	M
NOTE129S1	M	M	M	M	M	M	M
NOTE130S1	M	M	M	M	M	M	M
NOTE131S1	M	M	M	M	M	M	M
NOTE132S1	M	M	M	M	M	M	M
NOTE133S1	M	M	M	M	M	M	M
NOTE134S1	M	M	M	M	M	M	M
NOTE135S1	M	M	M	M	M	M	M
NOTE136S1	M	M	M	M	M	M	M
NOTE137S1	M	M	M	M	M	M	M
NOTE138S1	M	M	M	M	M	M	M
NOTE139S1	M	M	M	M	M	M	M
NOTE140S1	M	M	M	M	M	M	M
NOTE141S1	M	M	M	M	M	M	M
MOWS001S1	12800	3.0	1.0	8	1	M	0.3
MOWS002S1	30300	0.2	M	21	4	M	0.2
MOWS003S1	41400	0.3	M	14	2	M	M
MOWS004S1	22700	M	M	18	3	M	M
MOWS005S1	63500	M	-1.0	18	4	M	0.2
MOWS006S1	59300	0.9	-1.0	30	4	1.9	0.2
MOWS007S1	51200	0.2	M	21	3	M	0.2
MOWS008S1	63300	1.5	-1.0	21	3	M	0.4
MOWS009S1	10800	M	M	8	1	M	M
MOWS010S1	39000	0.4	2.9	29	6	M	0.4
MOWS011S1	35300	0.3	-1.0	5	M	M	M
MOWS012S1	12800	0.2	-1.0	10	2	M	0.2
MOWS013S1	26100	M	1.6	22	3	M	0.4
MOWS014S1	16600	0.2	M	17	3	2.4	0.3
MOWS015S1	6600	M	-1.0	6	1	M	M
MOWS016S1	15500	0.2	-1.0	16	2	M	0.1
MOWS017S1	6600	M	-1.0	16	4	M	0.3
MOWS018S1	10300	M	-1.0	11	2	M	M
MOWS019S1	15100	0.3	-1.0	13	7	M	M
MOWS020S1	24300	0.6	-1.0	28	6	4.1	M
MOWS021S1	2600	0.1	M	4	1	M	M
MOWS022S1	21400	0.2	0.6	9	1	M	0.2
MOWS023S1	13900	M	-1.0	11	1	M	M
MOWS024S1	7000	0.1	-1.0	6	1	M	M
MOWS025S1	18900	2.5	-1.0	17	M	M	M
MOWS026S1	6500	M	M	5	2	M	M
MOWS027S1	19300	M	-1.0	14	2	M	0.3
MOWS028S1	29700	1.0	-1.0	28	4	2.5	0.3
MOWS029S1	39800	M	M	14	2	M	0.1
MOWS030S1	9300	0.1	M	8	1	M	0.1

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA---- SEDIMENTS ----- STATE OF MISSOURI

THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
MOHS031S1	6200	0.5	-1.0	12	2	M	M
MOHS032S1	33700	0.2	-1.0	32	6	M	0.6
MOHS033S1	7600	0.3	0.6	9	2	1.8	0.1
MOHS034S1	29200	0.6	1.0	26	4	1.7	0.3
MOHS035S1	12700	0.2	M	12	2	1.2	M
MOHS036S1	4100	0.6	-1.0	M	M	M	M
MOHS037S1	4900	M	M	M	M	M	M
MOHS038S1	7300	M	M	11	2	M	M
MOHS039S1	16500	0.4	M	3	M	M	M
MOHS040S1	30600	6.5	-1.0	29	6	M	0.4
MOHS041S1	6600	1.3	-1.0	8	1	M	M
MOHS042S1	14000	0.4	-1.0	13	2	M	0.2
MOHS043S1	9400	M	M	4	1	M	M
MOHS044S1	38900	M	-1.0	23	3	M	0.4
MOHS045S1	6200	0.2	-1.0	7	1	M	M
MOHS046S1	13000	0.1	0.6	13	3	1.2	M
MOHS047S1	32900	0.5	M	27	3	M	0.4
MOHS048S1	46100	0.2	2.1	22	7	M	0.4
MOHS049S1	16900	0.2	M	7	1	M	M
MOHS050S1	14300	0.8	-1.0	14	3	M	0.2
MOHS051S1	5100	0.6	-1.0	5	1	M	M
MOHS052S1	41100	0.3	-1.0	26	3	M	0.7
MOHS053S1	3500	1.2	M	6	1	M	M
MOHS054S1	35100	0.3	-1.0	25	5	M	M
MOHS055S1	4200	M	M	6	1	M	M
MOHS056S1	29600	M	-1.0	22	2	M	0.2
MOHS057S1	15900	0.4	-1.0	15	2	M	M
MOHS058S1	50300	0.6	1.4	25	4	M	0.4
MOHS059S1	1400	0.1	M	8	M	M	M
MOHS060S1	45500	0.5	-1.0	28	4	1.5	0.6
MOHS061S1	2700	0.3	M	10	1	M	M
MOHS062S1	44200	0.6	1.1	28	4	M	0.4
MOHS063S1	31200	M	-1.0	23	3	M	M
MOHS064S1	38300	3.6	-1.0	20	7	M	M
MOHS065S1	13000	0.3	-1.0	166	8	M	0.8
MOHS066S1	34800	0.9	-1.0	26	4	2.5	0.3
MOHS067S1	27900	M	2.4	23	3	M	0.5
MOHS068S1	20900	M	M	20	3	1.8	0.2
MOHS069S1	24600	M	M	11	2	M	0.1
MOHS070S1	20300	0.3	-1.0	15	M	M	M
MOHS071S1	24400	0.8	-1.0	6	2	M	M
MOHS072S1	37100	1.5	-1.0	26	5	4.1	0.3
MOHS073S1	48800	0.8	M	10	1	M	M
MOHS074S1	38200	M	-1.0	24	5	M	M
MOHS075S1	41600	1.1	1.1	12	2	M	M
MOHS076S1	55100	0.3	-1.0	33	6	M	0.4
MOHS077S1	39700	0.5	M	17	3	3.2	0.2
MOHS078S1	42500	M	3.4	27	4	4.2	0.3
MOHS079S1	38200	M	M	M	6	M	M
MOHS080S1	36800	6.9	M	M	7	M	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMDEPTH	STMFLOW	STMLEVEL	STMCHANNEL	VEGETTYPE	VEGDENS	RELIFF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOBA001S1	7/30/78	350	5	6	9	9	6	1	6	1	2	1	5				6	H
MOBA002S1	7/30/78	350	4	1	9	9	6	1	6	2	2	1	6				6	H
MOBA003S1	7/30/78	350	3	1	9	9	6	1	6	1	2	1	7				6	H
MOBA004S1	7/30/78	350	4	1	4	2	3	3	1	2	3	1	5				6	H
MOBA005S1	7/30/78	350	4	6	9	9	6	1	6	2	1	1	6				6	H
MOBA006S1	7/30/78	350	4	6	9	9	6	1	6	1	2	1	6				6	H
MOBA007S1	7/30/78	350	3	1	9	9	6	1	6	2	2	1	8				6	H
MOBA008S1	7/30/78	350	4	1	9	9	6	1	6	2	1	1	6				6	H
MOBA009S1	8/ 2/78	350	4	6	9	9	6	1	6	1	1	2	6				6	H
MOBA010S1	8/ 2/78	350	5	7	9	9	6	1	6	1	3	2	5				6	H
MOBA011S1	8/ 2/78	350	5	7	9	9	6	1	6	1	2	2	5				6	H
MOBA012S1	8/ 2/78	350	4	1	9	9	6	1	6	2	1	2	6				6	H
MOBA013S1	8/ 2/78	350	4	1	5	2	2	3	1	2	1	1	6				6	H
MOBA014S1	8/ 2/78	350	5	6	9	9	6	1	6	1	3	1	5				6	H
MOBA015S1	8/ 2/78	350	4	1	9	9	6	1	6	3	3	1	7				6	H
MOBA016S1	8/ 2/78	350	3	1	9	9	6	1	6	2	2	1	8				6	H
MOBA017S1	8/ 2/78	350	3	1	9	9	6	1	6	2	2	2	7				6	H
MOBA018S1	8/ 2/78	350	3	1	4	2	2	2	1	2	3	2	6				6	H
MOBA019S1	8/ 2/78	350	4	1	5	2	2	2	1	2	2	3	6				6	H
MOBA020S1	8/ 2/78	350	4	1	9	9	6	1	6	2	2	2	6				6	H
MOBA021S1	8/ 3/78	350	4	1	5	2	2	2	1	1	3	2	6				6	H
MOBA022S1	8/ 3/78	350	5	7	9	9	6	1	6	1	3	3	5				6	H
MOBA023S1	8/ 5/78	350	4	1	5	2	3	3	2	1	3	2	5				6	H
MOBA024S1	8/ 5/78	350	3	1	9	9	6	1	6	2	1	1	6				6	H
MOBA025S1	8/ 5/78	350	3	1	9	9	6	1	6	1	2	3	6				6	H
MOBA026S1	8/ 5/78	350	4	1	4	2	3	3	1	1	3	1	6				6	H
MOBA027S1	8/ 6/78	350	4	1	9	9	6	1	6	2	4	1	6				6	H
MOBA028S1	8/ 6/78	350	4	1	4	2	4	3	1	2	3	1	6			6	H	
MOBA029S1	7/29/78	349	2	1	9	9	6	1	6	3	4	3	5					H
MOBA030S1	7/29/78	349	2	1	9	9	6	1	6	3	3	3	7					H
MOBA031S1	7/30/78	349	3	6	9	9	6	1	6	3	3	2	8					H
MOBA032S1	7/30/78	349	3	6	4	2	1	2	2	1	4	3	7			6		H
MOBA033S1	7/30/78	349	3	6	5	3	3	3	1	2	3	2	7			6		H
MOBA034S1	7/30/78	349	2	6	9	9	6	1	6	3	2	2	5			6		H
MOBA035S1	7/30/78	349	2	6	9	9	6	1	6	3	4	2	6			6		H
MOBA036S1	7/30/78	349	2	1	9	9	6	1	6	3	3	2	5					H
MOBA037S1	7/29/78	349	2	6	9	9	6	1	6	3	3	2	7					H
MOBA038S1	7/30/78	349	2	1	9	9	6	1	6	3	3	2	6			6		H
MOBA039S1	7/30/78	349	2	1	9	9	6	1	6	3	4	2	6					H
MOBA040S1	7/30/78	349	2	1	9	9	6	1	6	3	4	2	6			6		H
MOBA041S1	7/30/78	349	2	1	9	9	6	1	6	3	3	2	5					H
MOBA042S1	7/30/78	349	2	6	9	9	6	1	6	3	4	3	7			6		H
MOBA043S1	7/30/78	349	3	6	9	9	6	1	6	3	4	2	5			6		H
MOBA044S1	7/30/78	349	5	8	9	9	6	1	6	3	3	2	7			6		H
MOBA045S1	7/30/78	349	2	6	9	9	6	1	6	3	4	2	6			6		H
MOBA046S1	7/31/78	349	3	6	9	9	6	1	6	3	3	2	5			6		H
MOBA047S1	7/31/78	349	2	6	4	3	3	3	1	2	4	2	6			6		H
MOBA048S1	7/31/78	349	3	1	9	9	6	1	6	3	4	2	5			6		H
MOBA049S1	7/31/78	349	3	3	9	9	6	1	6	3	4	3	5			6		H
MOBA050S1	7/31/78	349	2	6	4	2	2	2	1	2	3	1	6			6		H

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMDEPTH	STMDEPTH	STMFLOW	STMLEVEL	STMCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOBA051S1	7/31/78	349	4	3	4	3	1	2	5	1	3	2	1	5				6	H
MOBA052S1	7/31/78	349	2	1	9	9	6	1	6	3	2	3	1	8					H
MOBA053S1	7/31/78	349	5	6	9	9	6	1	6	3	4	2	1	6			6		H
MOBA054S1	8/ 1/78	349	5	8	9	9	6	1	6	3	3	2	1	5					H
MOBA055S1	8/ 1/78	349	5	6	9	9	6	1	6	3	4	2	1	6			6		H
MOBA056S1	8/ 1/78	349	2	8	6	3	4	3	1	2	2	3	1	6			6		H
MOBA057S1	7/25/78	352	5	6	9	9	6	1	6	1	2	2	1	5					H
MOBA058S1	7/25/78	352	3	1	9	9	6	1	6	2	2	3	1	5					H
MOBA059S1	7/25/78	352	2	6	4	1	2	2	1	2	3	3	1	5					H
MOBA060S1	7/25/78	352	3	1	5	1	2	2	1	2	2	3	1	5			1		H
MOBA061S1	7/26/78	352	3	1	9	9	6	1	6	2	2	3	1	6					H
MOBA062S1	7/26/78	352	3	1	9	9	6	1	6	2	4	3	1	7					H
MOBA063S1	7/26/78	352	3	3	9	9	6	1	6	1	4	2	1	5					H
MOBA064S1	7/26/78	352	3	6	6	2	2	2	3	1	2	2	1	5	1	2	8		H
MOBA065S1	7/26/78	352	5	6	9	9	6	1	6	1	4	2	1	5					H
MOBA066S1	7/26/78	352	5	6	9	9	6	1	6	1	4	2	1	5			6		H
MOBA067S1	7/26/78	352	3	1	9	9	6	1	6	1	4	2	2	6			6		H
MOBA068S1	7/27/78	352	3	6	9	9	6	1	6	1	4	2	1	6			6		H
MOBA069S1	7/27/78	352	2	6	5	3	2	2	1	2	2	2	1	5			6		H
MOBA070S1	7/27/78	352	3	3	9	9	6	1	6	3	4	2	1	5					H
MOBA071S1	7/27/78	352	3	1	9	9	6	1	6	3	2	2	1	5					H
MOBA072S1	7/27/78	352	2	1	9	9	6	1	6	1	2	2	1	5					H
MOBA073S1	7/27/78	352	2	1	9	9	6	1	6	3	4	2	1	5					H
MOBA074S1	7/27/78	352	3	6	9	9	6	1	6	1	4	2	1	5					H
MOBA075S1	7/27/78	352	5	6	9	9	6	1	6	3	4	2	1	5			6		H
MOBA076S1	7/28/78	352	3	6	9	9	6	1	6	3	4	2	1	5			6		H
MOBA077S1	7/28/78	352	3	1	9	9	6	1	6	3	2	3	1	5					H
MOBA078S1	7/28/78	352	3	1	9	9	6	1	6	3	2	3	1	5					H
MOBA079S1	7/28/78	352	3	1	9	9	6	1	6	1	2	3	1	5					H
MOBA080S1	7/28/78	352	8	6	9	9	6	1	6	3	2	3	1	7					H
MOBA081S1	7/28/78	352	3	1	9	9	6	1	6	2	2	2	1	6					H
MOBA082S1	7/28/78	352	3	1	5	3	2	2	1	1	2	3	1	5					H
MOBA083S1	7/28/78	352	3	3	5	3	2	2	1	1	2	3	1	5					H
MOBA084S1	7/28/78	352	1	6	5	2	2	2	1	1	2	4	1	5					H
MOBA085S1	7/27/78	351	3	6	9	9	6	1	6	3	3	3	1	13					H
MOBA086S1	7/28/78	351	3	6	9	9	6	1	6	3	4	3	1	12					H
MOBA087S1	7/28/78	351	3	6	5	1	2	2	2	1	3	3	1	6					H
MOBA088S1	7/28/78	351	3	6	9	9	6	1	6	3	4	3	1	7					H
MOBA089S1	7/29/78	351	3	6	9	9	6	1	6	3	4	3	1	8					H
MOBA090S1	7/29/78	351	3	6	5	1	3	3	1	2	3	4	1	7					H
MOBA091S1	7/29/78	351	3	6	9	9	6	1	6	3	4	4	1	6					H
MOBA092S1	7/29/78	351	3	6	9	9	6	1	6	3	3	4	1	12					H
MOBA093S1	7/29/78	351	3	6	9	9	6	1	6	3	4	3	1	9					H
MOBA094S1	7/29/78	351	3	4	9	9	6	1	6	3	3	3	1	10					H
MOBA095S1	7/29/78	351	3	6	9	9	6	1	6	3	4	3	1	7					H
MOBA096S1	7/29/78	351	3	6	9	9	6	1	6	3	3	3	1	7					H
MOBA097S1	7/29/78	351	3	6	9	9	6	1	6	3	2	3	1	13					H
MOBA098S1	7/30/78	351	3	6	9	9	6	1	6	3	3	4	1	6					H
MOBA099S1	7/30/78	351	3	6	9	9	6	1	6	3	2	3	1	8					H
MOBA100S1	7/30/78	351	3	6	5	1	2	3	2	1	4	3	1	8					H

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	S E D T Y P E	S E D C O L O R	S T M H I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M N 1	C O N T A M N 2	C O N T A M N 3	C O N T A M N 4	W A T E R T E M P E R A T U R E
MOBA101S1	7/30/78	351	3	6	5	1	2	3	1	1	2	3	3	1	7					
MOBA102S1	7/30/78	351	3	6	4	1	2	2	1	1	2	3	3	1	8					
MOBA103S1	7/30/78	351	3	6	9	9	6	1	6	3	4	3	3	1	7					
MOBA104S1	7/30/78	351	3	6	9	9	6	1	6	3	4	3	4	1	6					
MOBA105S1	7/31/78	351	3	6	9	9	6	1	6	3	2	4	4	2	8					
MOBA106S1	7/31/78	351	3	6	4	1	2	2	1	1	2	3	4	2	8					
MOBA107S1	7/31/78	351	3	6	6	1	2	2	1	1	3	2	4	2	5					
MOBA108S1	7/31/78	351	3	6	9	9	6	1	6	3	2	3	4	1	11					
MOBA109S1	7/31/78	351	3	6	9	9	6	1	6	3	3	3	4	1	10					
MOBL001S1	5/27/78	296	6	6	3	2	1	2	5	3	4	2	1	1	5			6		
MOBL002S1	5/27/78	296	5	7	3	2	1	2	4	3	4	2	1	1	5			6		
MOBL003S1	5/27/78	296	5	6	3	2	1	2	4	3	4	3	1	1	5			6		
MOBL004S1	5/27/78	296	5	7	4	2	1	2	4	3	4	2	1	4	5			6		
MOBL005S1	5/27/78	296	5	7	5	3	2	2	5	3	4	2	2	4	5			6		
MOBL006S1	5/28/78	296	5	6	1	1	2	2	2	2	2	2	2	1	5			6		
MOBL007S1	5/28/78	296	4	2	5	2	2	2	1	1	2	2	2	1	5			6		
MOBL008S1	5/28/78	296	6	6	4	2	1	2	4	3	2	3	1	1	5			6		
MOBL009S1	5/28/78	296	6	7	4	2	1	3	4	3	4	2	1	4	5			6		
MOBL010S1	5/28/78	296	5	7	4	2	1	3	3	3	4	2	1	3	5			6		
MOBL011S1	5/28/78	296	5	7	5	1	1	2	4	3	4	2	1	3	5			6		
MOBL012S1	5/28/78	296	4	7	7	3	2	2	5	3	4	2	1	2	5			6		
MOBL013S1	5/28/78	296	5	7	4	2	1	2	5	3	4	2	1	2	5			6		
MOBL014S1	5/28/78	296	6	7	5	3	1	2	4	3	4	2	1	2	5			6		
MOBL015S1	5/28/78	296	4	6	5	3	1	2	5	3	4	2	1	1	5			6		
MOBL016S1	5/27/78	301	3	1	5	3	3	3	1	2	2	3	2	1	7					
MOBL017S1	6/25/78	354	5	6	6	3	3	3	4	1	4	4	2	1	11			6		
MOBL018S1	5/27/78	301	2	6	6	4	4	3	1	2	2	4	3	1	7					
MOBL019S1	5/27/78	301	2	6	5	3	3	3	1	2	2	3	3	2	12					
MOBL020S1	5/27/78	301	2	6	6	4	3	3	1	2	2	3	3	1	15					
MOBL021S1	6/23/78	354	4	6	6	2	3	3	1	2	2	3	2	6	9			6		
MOBL022S1	6/23/78	354	4	6	6	3	3	3	1	2	2	3	2	1	19			6		
MOBL023S1	6/24/78	366	5	6	5	4	2	3	3	2	2	2	3	1	5			6		
MOBL024S1	6/24/78	366	3	6	4	2	1	2	3	2	2	4	2	1	5					
MOBL025S1	6/24/78	366	3	7	6	4	2	2	2	2	2	3	2	1	5					
MOBL026S1	6/24/78	366	5	3	1	1	1	2	4	2	2	3	2	1	5					
MOBL027S1	6/24/78	366	5	6	4	1	1	2	4	2	2	4	3	2	5			5		
MOBL028S1	6/24/78	366	4	3	2	2	1	2	4	2	2	3	2	1	5			6		
MOBL029S1	6/24/78	366	4	3	9	9	6	1	6	3	2	4	3	2	5					
MOBL030S1	6/24/78	366	4	7	4	3	2	2	3	2	2	3	3	1	5			6		
MOBL031S1	6/24/78	366	4	6	4	3	2	3	3	2	2	3	3	1	5		6			
MOBL032S1	6/24/78	366	4	2	9	9	6	1	6	3	2	3	3	1	5					
MOBL033S1	6/24/78	366	2	3	4	3	2	2	4	2	2	3	3	1	10					
MOBL034S1	6/25/78	354	6	6	6	4	3	2	3	1	4	4	1	1	5			6		
MOBL035S1	6/25/78	354	4	6	6	4	3	2	2	1	4	3	1	1	7			6		
MOBL036S1	5/29/78	296	5	7	6	3	2	2	3	3	4	2	1	1	5			6		
MOBL037S1	5/29/78	296	5	7	4	2	1	2	4	3	6	2	1	1	5			6		
MOBL038S1	5/29/78	296	6	7	9	9	6	1	6	3	4	3	2	1	5			6		
MOBL039S1	5/29/78	296	3	6	4	2	2	2	4	3	2	3	1	1	6					
MOBL040S1	5/29/78	296	3	2	3	2	2	2	1	3	4	2	1	1	6			6		
MOBL041S1	5/29/78	296	4	6	5	3	2	2	1	3	2	2	1	1	6			6		

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMWIDTH	STMDEPTH	STMFLOW	STMLEVEL	STMCOLOR	STMCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOBL042S1	5/29/78	296	4	6	4	2	2	2	1	3	2	2	2	1	8				6	M
MOBL043S1	5/29/78	296	4	6	3	3	2	2	1	3	2	2	2	2	6				6	M
MOBL044S1	5/29/78	296	3	6	6	4	2	3	1	1	2	3	2	6				6	M	
MOBL045S1	5/29/78	296	3	6	4	3	2	2	1	1	2	2	2	6				6	M	
MOBL046S1	5/29/78	296	4	1	5	3	3	3	1	3	2	2	2	6				6	M	
MOBL047S1	6/25/78	354	6	7	7	5	3	3	4	1	2	4	1	5				6	M	
MOBL048S1	6/26/78	296	5	7	5	3	1	2	3	2	2	3	2	5				5	M	
MOBL049S1	6/26/78	296	4	6	9	9	6	1	6	3	2	4	2	5					M	
MOBL050S1	6/26/78	296	4	6	1	1	1	2	2	2	2	4	2	5					M	
MOBL051S1	6/26/78	296	6	6	1	1	2	2	3	2	2	3	1	5				5	M	
MOBL052S1	6/26/78	296	4	6	9	9	6	1	6	3	2	4	1	5				5	M	
MOBL053S1	6/26/78	296	6	6	3	1	2	2	2	2	2	4	1	6				6	M	
MOBL054S1	6/26/78	296	5	7	5	1	2	2	3	2	4	2	1	5				6	M	
MOBL055S1	6/26/78	296	5	7	4	2	2	2	3	3	4	2	1	6				6	M	
MOBL056S1	6/26/78	296	5	7	4	3	2	2	4	2	4	2	1	8				6	M	
MOBL057S1	6/26/78	296	5	7	5	2	2	2	3	2	4	2	1	7				6	M	
MOBL058S1	6/26/78	296	5	7	4	2	2	2	3	2	4	2	1	7				6	M	
MOBL059S1	6/26/78	296	6	7	7	2	1	2	4	3	4	2	1	6				5	M	
MOBL060S1	6/26/78	296	6	6	6	3	2	3	1	2	4	2	1	6		6		5	M	
MOBL061S1	6/27/78	301	7	6	9	9	6	1	6	3	2	4	1	10				6	M	
MOBL062S1	6/27/78	301	7	6	7	5	2	2	3	2	3	3	1	12				6	M	
MOBL063S1	6/27/78	301	3	6	4	3	3	3	1	2	2	3	1	5				6	M	
MOBL064S1	6/27/78	297	2	6	4	3	1	2	3	1	4	3	1	5					M	
MOBL065S1	6/27/78	297	7	6	9	9	6	1	6	3	4	2	1	5					M	
MOBL066S1	6/28/78	354	7	7	6	4	1	3	4	1	4	3	1	11				6	M	
MOBL067S1	6/28/78	354	6	7	6	4	1	3	4	1	4	3	1	7				6	M	
MOBL068S1	6/28/78	354	4	6	4	2	1	1	4	3	4	3	1	9				6	M	
MOBL069S1	6/28/78	354	4	6	3	2	2	2	4	1	4	3	1	11				6	M	
MOBL070S1	6/28/78	354	4	6	7	4	2	2	4	1	4	3	1	11				6	M	
MOBL071S1	6/30/78	353	5	7	6	3	1	2	3	3	3	3	1	5				6	M	
MOBL072S1	6/30/78	353	5	7	4	3	1	2	4	3	3	3	1	5				6	M	
MOBL073S1	6/30/78	353	6	7	5	3	3	4	3	3	2	3	1	4		5		6	M	
MOBL074S1	6/30/78	353	6	7	5	3	1	2	4	3	3	3	1	10				6	M	
MOBL075S1	6/30/78	353	6	7	5	3	2	2	4	3	2	4	1	6				6	M	
MOBL076S1	6/30/78	353	5	6	7	3	1	2	4	3	3	3	1	5		9		6	M	
MOBL077S1	6/30/78	353	6	6	9	9	6	1	6	3	3	4	1	5				6	M	
MOB0001S1	11/19/78	384	8	6	9	9	6	1	6	3	2	3	1	5				6	M	
MOB0002S1	11/19/78	384	8	6	8	3	2	3	1	1	4	3	1	5				6	M	
MOB0003S1	11/19/78	384	8	6	5	2	2	3	2	1	2	3	2	6				6	M	
MOB0004S1	11/19/78	384	8	6	2	1	2	3	3	1	2	3	2	5				6	M	
MOB0005S1	11/19/78	384	8	6	5	2	2	3	1	1	2	3	2	5				6	M	
MOB0006S1	11/20/78	384	8	9	5	2	3	3	1	2	4	3	2	5				6	M	
MOB0007S1	11/20/78	384	8	6	9	9	6	1	6	3	4	3	2	5				6	M	
MOB0008S1	11/20/78	384	8	6	5	2	3	3	3	1	2	3	2	6				6	M	
MOB0009S1	11/20/78	384	8	6	6	3	2	4	2	1	7	2	2	5				6	M	
MOB0010S1	11/20/78	384	4	6	5	2	3	3	3	1	7	2	2	6				6	M	
MOB0011S1	11/20/78	384	5	6	6	4	2	4	3	1	7	2	2	5				6	M	
MOB0012S1	11/20/78	384	5	1	6	3	2	3	4	1	7	2	2	5				6	M	
MOB0013S1	11/20/78	384	8	9	9	9	6	1	6	3	4	3	2	5				6	M	
MOB0014S1	11/20/78	384	5	1	9	9	6	1	6	3	7	2	4	5				6	M	

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMWIDTH	STMDEPTH	STMFLOW	STMLEVEL	STMCOLOR	STMCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOB0015S1	11/21/78	384	8	6	8	5	2	4	4	1	3	2	1	4	5				6	M
MOB0016S1	11/21/78	384	8	1	9	9	6	1	6	3	2	3	1	4	5		2	5	6	M
MOB0017S1	11/21/78	384	5	1	9	9	6	1	6	3	4	3	2	6				6	M	
MOB0018S1	11/21/78	384	8	1	9	9	6	1	6	3	7	1	2	5				6	M	
MOB0019S1	11/21/78	384	8	6	6	2	3	3	3	1	4	3	2	5				6	M	
MOB0020S1	11/21/78	384	2	6	4	1	3	3	1	2	4	3	2	5				6	M	
MOB0021S1	11/21/78	384	3	6	5	2	3	3	1	1	4	3	2	5				6	M	
MOB0022S1	11/21/78	384	8	6	5	2	3	3	1	1	4	3	2	5				6	M	
MOB0023S1	11/21/78	384	2	9	7	3	2	3	1	1	2	3	2	5					M	
MOB0024S1	11/21/78	384	4	6	8	4	2	3	5	1	4	3	1	6				6	M	
MOB0025S1	11/21/78	384	8	6	5	2	3	3	1	1	4	3	3	7				6	M	
MOB0026S1	11/22/78	384	3	6	6	1	3	3	1	1	2	3	2	7					M	
MOB0027S1	11/22/78	384	3	6	5	2	2	3	1	1	4	3	1	5				6	M	
MOB0028S1	11/22/78	384	2	6	7	3	5	5	4	2	4	3	3	5				6	M	
MOB0029S1	11/25/78	384	3	6	8	4	3	4	3	1	2	3	3	5					M	
MOB0030S1	11/25/78	384	2	6	7	3	4	4	1	2	3	3	2	5				6	M	
MOB0031S1	11/25/78	384	3	6	7	2	3	4	1	1	2	3	3	5				6	M	
MOB0032S1	11/25/78	384	2	6	6	2	3	4	3	1	4	3	3	5				6	M	
MOB0033S1	11/25/78	384	2	6	6	2	3	4	3	1	2	3	2	5				6	M	
MOB0034S1	11/25/78	384	3	6	4	1	3	4	1	2	2	3	2	5					M	
MOB0035S1	11/25/78	384	2	6	9	9	6	1	6	3	2	3	3	5					M	
MOB0036S1	11/25/78	384	2	1	6	3	4	4	1	2	2	3	3	5					M	
MOB0037S1	11/25/78	384	3	6	5	2	3	4	1	2	2	3	3	5				6	M	
MOB0038S1	11/25/78	384	3	6	7	3	4	4	1	1	4	3	3	5				6	M	
MOB0039S1	11/26/78	384	3	6	6	2	3	3	1	1	4	3	3	5				6	M	
MOB0040S1	11/26/78	384	2	6	6	2	4	4	1	1	2	3	3	5				6	M	
MOB0041S1	11/26/78	384	1	1	7	3	4	4	1	2	2	3	2	5				6	M	
MOB0042S1	11/26/78	384	3	6	5	1	4	4	1	1	4	3	3	5				6	M	
MOB0043S1	11/26/78	384	3	6	6	2	4	3	1	1	4	3	3	5				6	M	
MOB0044S1	11/26/78	384	2	6	7	3	4	3	1	1	2	3	3	6				6	M	
MOB0045S1	11/26/78	384	3	6	5	2	4	3	1	1	2	3	3	5				6	M	
MOB0046S1	11/26/78	384	3	6	6	2	3	3	1	1	3	3	3	5				6	M	
MOB0047S1	11/26/78	384	3	6	6	3	3	3	1	1	2	3	2	6				6	M	
MOB0048S1	11/26/78	384	3	6	9	9	6	1	6	3	3	4	3	7				6	M	
MOB0049S1	11/27/78	384	3	6	9	9	6	1	6	1	4	3	2	5				6	M	
MOB0050S1	11/27/78	384	3	6	9	9	6	1	6	3	3	3	3	5				6	M	
MOB0051S1	11/27/78	384	3	6	6	2	4	3	1	2	2	3	2	5				6	M	
MOB0052S1	11/27/78	384	3	1	6	2	3	3	1	1	4	3	3	5				6	M	
MOB0053S1	11/27/78	384	4	6	5	2	2	3	1	1	4	4	3	5				6	M	
MOB0054S1	11/27/78	384	3	1	6	2	3	3	1	1	2	3	3	5					M	
MOB0055S1	11/27/78	384	1	6	5	1	3	3	1	1	2	3	2	5					M	
MOB0056S1	11/28/78	384	3	6	4	1	3	3	1	1	2	3	2	5				6	M	
MOB0057S1	11/28/78	384	3	6	6	1	3	3	1	1	4	3	3	5				6	M	
MOB0058S1	11/28/78	384	1	6	6	1	3	3	1	1	4	3	3	5				6	M	
MOB0059S1	11/28/78	384	2	6	9	9	6	1	6	3	4	3	3	5				6	M	
MOB0060S1	11/28/78	384	1	6	9	9	6	1	6	3	2	3	3	5				6	M	
MOB0061S1	11/28/78	384	2	6	6	1	3	3	1	1	4	3	3	5				6	M	
MOB0062S1	11/28/78	384	3	6	5	1	3	3	1	1	4	3	2	5				6	M	
MOB0063S1	11/28/78	384	3	6	9	9	6	1	6	3	4	3	2	5				6	M	
MOB0064S1	11/28/78	384	1	6	9	9	6	1	6	3	4	3	3	5				6	M	

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TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMWIDTH	STMDEPTH	STMFLOW	STMLEVEL	STMCOLOR	STMCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOB0065S1	11/28/78	384	1	6	5	1	2	3	1	1	4	3	2	2	5				6	M
MOB0066S1	11/30/78	384	2	6	5	1	3	3	1	1	2	3	3	2	5				6	M
MOB0067S1	11/30/78	384	3	6	7	3	3	3	1	1	2	3	2	2	5				6	M
MOB0068S1	11/30/78	384	3	6	8	3	4	3	1	1	2	3	2	2	5				6	M
MOB0069S1	11/30/78	384	2	3	6	2	3	2	1	1	2	3	2	2	5				6	M
MOB0070S1	12/ 1/78	384	2	3	6	3	4	2	1	1	2	4	3	2	5				6	M
MOB0071S1	12/ 1/78	384	2	3	5	1	4	2	1	1	2	3	3	2	5				6	M
MOB0072S1	12/ 1/78	384	2	6	9	9	6	1	6	3	2	3	3	2	5				6	M
MOB0073S1	12/ 1/78	384	2	6	9	9	6	1	6	3	2	3	3	2	5				6	M
MOB0074S1	12/ 1/78	384	1	6	6	2	4	4	4	2	2	3	2	2	5				6	M
MOB0075S1	12/ 1/78	384	2	6	5	2	4	4	3	2	2	3	2	2	5				6	M
MOB0076S1	12/ 1/78	384	3	6	7	2	4	4	2	1	2	3	2	2	5				6	M
MOB0077S1	12/ 1/78	384	2	1	8	3	4	3	3	1	4	3	3	2	5				6	M
MOB0078S1	12/ 1/78	384	2	6	9	9	6	1	6	3	4	3	3	2	5				6	M
MOB0079S1	12/ 2/78	384	2	6	6	1	4	4	1	1	2	3	2	3	5				6	M
MOB0080S1	12/ 2/78	384	2	6	6	1	4	4	1	1	4	3	3	3	5				6	M
MOC001S1	12/ 2/78	384	5	1	7	4	2	3	4	1	4	3	3	2	5				6	M
MOC002S1	12/ 2/78	384	3	6	4	2	3	4	1	2	3	4	2	2	5				6	M
MOC003S1	12/ 2/78	384	3	6	7	2	4	3	1	2	2	3	3	2	5				6	M
MOC004S1	12/ 2/78	384	3	6	6	1	3	2	1	2	2	3	3	2	5				6	M
MOC005S1	12/ 2/78	384	2	6	5	2	3	4	1	1	2	3	3	2	5				6	M
MOC006S1	12/ 2/78	384	3	6	9	9	6	1	6	3	2	3	3	2	5				6	M
MOC007S1	12/ 3/78	384	3	6	9	9	6	1	6	3	4	3	3	2	5				6	M
MOC008S1	12/ 3/78	384	1	6	9	9	6	1	6	3	4	3	3	2	5				6	M
MOC009S1	12/ 3/78	384	8	7	8	1	4	2	2	2	4	3	3	2	5				6	M
MOC010S1	12/ 3/78	384	8	6	5	2	4	2	3	2	2	3	2	2	5				6	M
MOC011S1	12/ 3/78	384	3	6	5	1	3	2	1	1	4	3	2	2	5				6	M
MOC012S1	12/ 3/78	384	3	6	6	1	4	2	1	1	4	2	2	2	5				6	M
MOC013S1	12/ 3/78	384	3	6	4	2	3	3	3	1	4	3	2	2	5				6	M
MOC014S1	12/ 3/78	384	3	6	6	1	4	2	1	2	4	3	2	2	5				6	M
MOC015S1	12/ 3/78	384	3	6	9	9	6	1	6	3	2	3	3	2	5				6	M
MOC016S1	12/ 3/78	384	3	6	6	2	3	2	1	1	4	3	2	2	5			6	3	M
MOC017S1	12/ 3/78	384	3	6	6	1	3	2	1	1	4	3	3	2	5				6	M
MOC018S1	12/ 4/78	384	3	6	9	9	6	1	6	3	4	3	3	2	5				6	M
MOC019S1	12/ 4/78	384	3	6	9	9	6	1	6	3	4	3	3	2	5				6	M
MOC020S1	12/ 4/78	384	8	6	9	9	6	1	6	3	4	3	2	2	5				6	M
MOC021S1	12/ 4/78	384	8	6	7	2	3	2	1	3	4	3	3	2	5				6	M
MOC022S1	12/ 4/78	384	8	6	9	9	6	1	6	3	4	3	3	2	5				6	M
MOC023S1	12/ 4/78	384	4	1	9	9	6	1	6	3	4	3	2	3	5				6	M
MOC024S1	12/ 4/78	384	4	1	9	9	6	1	6	3	4	2	2	3	5				6	M
MOC025S1	12/ 4/78	384	8	1	9	9	6	1	6	3	2	3	2	3	5				6	M
MOC026S1	12/ 5/78	384	5	1	6	3	3	2	4	2	3	4	1	3	5				6	M
MOC027S1	12/ 5/78	384	5	1	7	4	4	4	4	2	3	3	2	3	5				6	M
MOC028S1	12/ 5/78	384	5	1	9	9	6	1	6	3	3	2	2	3	5				6	M
MOC029S1	12/ 5/78	384	5	1	8	5	4	4	4	2	3	2	2	3	5				6	M
MOC030S1	12/ 5/78	384	2	6	9	9	6	1	6	3	2	3	3	3	5				6	M
MOC031S1	12/ 5/78	384	5	6	9	9	6	1	6	3	4	3	3	2	5				6	M
MOC032S1	12/ 5/78	384	5	6	9	9	6	1	6	3	2	2	1	3	5				6	M
MOC033S1	12/ 5/78	384	5	6	8	5	3	4	4	2	2	3	1	3	5				6	M
MOC034S1	12/ 5/78	384	5	6	8	5	4	4	4	2	4	3	1	3	5				6	M

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TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMWIDTH	STMDEPTH	STMFLOW	STMLEVEL	STMCOLOR	STMCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOCPO35S1	12/ 6/78	385	5	6	8	5	5	4	4	2	4	3	1	3	5				6	M
MOCPO36S1	12/ 6/78	384	6	7	9	9	6	1	6	3	4	3	1	3	5				6	M
MOCPO37S1	12/ 6/78	384	1	6	9	9	6	1	6	3	4	3	2	3	5				6	M
MOCPO38S1	12/ 6/78	384	5	6	9	9	6	1	6	3	4	2	1	3	5				6	M
MOCPO39S1	12/ 6/78	384	5	6	9	9	6	1	6	3	2	3	1	3	5				6	M
MOCPO40S1	12/ 6/78	384	5	6	8	5	3	3	4	1	2	3	3	2	5				6	M
MOCPO41S1	12/ 6/78	384	5	6	9	9	6	1	6	3	3	3	1	2	5				6	M
MOCPO42S1	12/ 6/78	384	5	6	9	9	6	1	6	3	4	2	1	2	5				6	M
MOCPO43S1	12/ 6/78	384	5	6	8	4	4	4	4	2	2	2	3	2	5				2	M
MOCPO44S1	12/ 8/78	384	5	6	9	9	6	1	6	3	2	2	3	2	5				6	M
MOCPO45S1	12/ 7/78	384	6	7	9	9	6	1	6	3	3	5	2	2	5				6	M
MOCPO46S1	12/ 7/78	384	5	6	6	4	3	3	4	1	3	3	1	2	5				6	M
MOCPO47S1	12/ 7/78	384	4	1	7	3	3	3	4	1	2	3	2	2	5				6	M
MOCPO48S1	12/ 7/78	384	4	1	7	4	4	2	2	1	2	2	2	2	5				6	M
MOCPO49S1	12/ 7/78	384	7	6	8	5	3	4	4	1	2	2	3	5	5				6	M
MOCPO50S1	12/ 7/78	384	4	3	8	3	3	4	4	1	2	2	3	5	5				6	M
MOCPO51S1	12/ 7/78	384	4	1	7	3	3	4	4	1	2	3	3	5	5				6	M
MOCPO52S1	12/ 7/78	384	4	1	9	9	6	1	6	3	2	2	2	5	5				6	M
MOCPO53S1	12/ 7/78	384	4	1	9	9	6	1	6	3	2	2	1	5	5				6	M
MOCPO54S1	12/ 9/78	384	5	6	7	3	3	4	3	1	2	2	2	5	5				6	M
MOCPO55S1	12/ 9/78	384	5	6	6	3	3	4	4	1	2	3	2	1	5				6	M
MOCPO56S1	12/ 9/78	384	7	6	9	9	6	1	6	3	4	3	3	1	5				6	M
MOCPO57S1	12/ 9/78	384	5	6	9	9	6	1	6	3	3	4	2	1	5				6	M
MOCPO58S1	12/ 9/78	384	5	6	9	9	6	1	6	3	2	2	3	1	5				6	M
MOCPO59S1	12/ 9/78	384	5	6	8	4	3	4	3	1	4	3	3	1	5				6	M
MOCPO60S1	12/ 9/78	384	5	6	9	9	6	1	6	3	4	3	2	1	5				6	M
MOCPO61S1	12/ 9/78	384	4	6	9	9	6	1	6	3	4	3	2	1	5				6	M
MOCPO62S1	12/ 9/78	384	5	1	9	9	6	1	6	3	2	2	2	1	5				6	M
MOCPO63S1	12/10/78	384	4	1	9	9	6	1	6	3	2	3	2	1	5				6	M
MOCPO64S1	12/10/78	384	4	1	7	2	3	4	1	1	2	3	3	1	5					M
MOCPO65S1	12/10/78	384	4	1	9	9	6	1	6	3	3	4	2	1	5			6		M
MOCT001S1	5/28/78	297	4	6	9	9	6	1	6	3	4	3	2	1	5					M
MOCT002S1	5/28/78	297	3	6	6	3	3	3	2	2	2	3	2	1	5					M
MOCT003S1	5/28/78	297	4	9	9	9	6	1	6	3	4	3	2	1	5					M
MOCT004S1	5/28/78	297	4	6	3	2	3	3	2	2	2	3	2	5						M
MOCT005S1	5/28/78	297	4	1	9	9	6	1	6	3	4	3	2	5						M
MOCT006S1	5/28/78	297	4	1	9	9	6	1	6	3	4	3	2	5						M
MOCT007S1	5/28/78	297	4	6	9	9	6	1	6	3	4	3	2	5						M
MOCT008S1	5/28/78	297	4	1	9	9	6	1	6	3	3	3	2	5						M
MOCT009S1	5/28/78	297	3	6	3	2	3	3	2	2	2	3	2	5						M
MOCT010S1	5/29/78	307	4	1	9	9	6	1	6	3	4	3	2	5						M
MOCT011S1	5/29/78	297	4	1	9	9	6	1	6	3	4	3	2	1	5					M
MOCT012S1	5/29/78	297	4	1	9	9	6	1	6	3	4	3	2	1	5					M
MOCT013S1	5/29/78	297	4	1	9	9	6	1	6	3	4	3	2	1	5					M
MOCT014S1	5/29/78	297	4	1	9	9	6	1	6	3	4	3	2	3	5					M
MOCT015S1	5/29/78	306	4	6	9	9	6	1	6	3	2	3	3	1	6					M
MOCT016S1	5/29/78	298	4	6	6	3	3	2	2	2	2	3	3	1	10			6		M
MOCT017S1	5/29/78	306	4	6	9	9	6	1	6	3	2	3	3	1	6					M
MOCT018S1	5/29/78	306	4	6	8	4	3	2	1	2	2	3	3	1	11					M
MOCT019S1	5/29/78	306	4	6	7	3	2	2	1	2	2	3	2	1	10					M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STHDEPTH	STHFLOW	STHLEVEL	STHCOLOR	STHCHANNEL	VEGTTYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOCT020S1	5/29/78	306	4	6	5	2	2	2	2	2	3	3	1	12					H
MOCT021S1	5/29/78	306	4	6	7	4	3	4	1	2	2	3	1	9					H
MOCT022S1	5/29/78	298	7	6	4	2	2	2	2	2	3	2	1	10			6		H
MOCT023S1	5/29/78	298	6	4	9	9	6	1	6	3	2	3	4	8					H
MOCT024S1	5/29/78	298	3	4	9	9	6	1	6	3	2	3	4	8		2	6		H
MOCT025S1	5/29/78	298	4	6	8	3	3	2	1	2	2	3	4	12			6		H
MOCT026S1	5/29/78	298	4	6	8	5	3	4	3	2	2	2	4	9					H
MOCT027S1	6/23/78	367	2	6	3	1	2	4	2	2	2	3	4	6			6		H
MOCT028S1	6/23/78	367	3	3	3	1	3	2	3	2	2	2	2	5			6		H
MOCT029S1	6/23/78	367	2	6	9	9	6	1	6	3	4	3	2	5			6		H
MOCT030S1	6/23/78	367	2	6	3	1	2	3	2	1	4	3	1	5			6		H
MOCT031S1	6/23/78	367	2	6	1	1	1	3	4	2	4	3	2	5			6		H
MOCT032S1	6/24/78	359	4	6	6	3	3	3	1	2	2	3	2	7			6		H
MOCT033S1	6/24/78	359	5	6	7	6	1	2	2	2	2	3	2	8			6		H
MOCT034S1	6/24/78	359	4	6	6	3	1	2	5	1	2	3	2	7			6		H
MOCT035S1	6/24/78	359	2	3	6	4	2	2	2	2	2	3	2	7			6		H
MOCT036S1	6/24/78	359	3	6	7	3	2	2	2	2	2	3	2	6			6		H
MOCT037S1	6/24/78	359	3	6	5	4	2	2	3	2	2	3	1	7			6		H
MOCT038S1	6/24/78	359	2	3	9	9	6	1	6	3	2	3	2	5			6		H
MOCT039S1	6/24/78	359	3	3	9	9	6	1	6	3	2	3	2	6			6		H
MOCT040S1	6/24/78	359	3	6	4	3	2	2	2	2	2	3	2	7			6		H
MOCT041S1	6/25/78	309	3	3	9	9	6	1	6	3	4	3	1	5			6		H
MOCT042S1	6/25/78	309	3	8	3	1	3	3	1	1	2	3	1	5			6		H
MOCT043S1	6/25/78	309	4	6	9	9	6	1	6	3	2	3	1	5		6	6		H
MOCT044S1	6/25/78	309	3	3	9	9	6	1	6	3	4	3	1	5			6		H
MOCT045S1	6/25/78	309	4	3	9	9	6	1	6	3	2	4	1	5					H
MOCT046S1	6/25/78	309	5	8	9	9	6	1	6	3	4	3	1	5					H
MOCT047S1	6/25/78	309	3	3	9	9	6	1	6	3	2	4	1	5					H
MOCT048S1	6/25/78	309	3	6	9	9	6	1	6	3	2	4	1	5					H
MOCT049S1	6/25/78	309	3	6	9	9	6	1	6	3	2	4	1	5					H
MOCT050S1	6/25/78	309	3	6	1	1	1	3	2	1	2	4	1	5					H
MOCT051S1	6/25/78	309	4	6	9	9	6	1	6	3	2	4	1	5					H
MOCT052S1	6/26/78	353	4	3	3	1	2	2	1	2	3	3	1	6			6		H
MOCT053S1	6/26/78	353	3	6	4	2	2	2	1	1	3	3	1	5		2	6		H
MOCT054S1	6/26/78	353	3	6	5	2	2	2	1	1	2	3	1	5					H
MOCT055S1	6/26/78	353	3	6	4	2	2	2	1	2	2	3	1	5					H
MOCT056S1	6/26/78	353	3	6	2	2	2	2	1	1	2	3	1	5					H
MOCT057S1	6/26/78	353	3	6	4	2	2	2	1	2	2	3	1	5					H
MOCT058S1	6/27/78	353	2	6	9	9	6	1	6	3	2	4	1	8					H
MOCT059S1	6/27/78	353	2	6	9	9	6	1	6	3	4	3	1	7			6		H
MOCT060S1	6/27/78	353	1	6	9	9	6	1	6	3	2	4	1	10					H
MOCT061S1	6/27/78	353	1	6	9	9	6	1	6	2	2	3	1	5			5		H
MOCT062S1	6/27/78	353	3	6	3	2	2	2	1	1	2	3	1	5			6		H
MOCH001S1	12/ 3/78	385	4	6	5	2	3	4	1	2	2	3	2	5			6		H
MOCH002S1	12/ 3/78	385	4	6	4	1	3	3	1	2	4	3	2	5					H
MOCH003S1	12/ 4/78	385	2	6	5	2	3	3	1	2	2	3	1	5					H
MOCH004S1	12/ 4/78	385	2	6	5	2	3	3	1	2	3	2	1	5					H
MOCH005S1	12/ 4/78	385	2	6	6	2	3	3	1	2	4	3	1	5					H
MOCH006S1	12/ 4/78	385	4	6	5	2	3	3	3	1	4	3	1	5					H
MOCH007S1	12/ 4/78	385	2	6	5	1	3	3	1	2	2	3	1	5					H

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMWIDTH	STMDEPTH	STMFLOW	STMLEVEL	STMCOLOR	STMCHANNEL	VEGTTYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOCW008S1	12/ 4/78	385	2	6	5	2	3	3	3	2	4	3	3	1	5					H
MOCW009S1	12/ 4/78	385	4	6	5	3	3	3	3	3	4	2	2	1	5			6		H
MOCW010S1	12/ 4/78	385	4	6	5	3	3	3	3	1	2	3	3	1	5					H
MOCW011S1	12/ 4/78	385	2	6	5	3	3	3	3	2	7	3	3	1	5					H
MOCW012S1	12/ 5/78	385	2	6	7	4	5	4	3	2	2	2	3	1	5			6		H
MOCW013S1	12/ 5/78	385	2	6	6	4	4	4	3	2	2	2	2	1	5					H
MOCW014S1	12/ 5/78	385	2	6	4	3	3	4	1	1	2	2	3	1	5					H
MOCW015S1	12/ 5/78	385	2	6	4	2	3	3	1	1	2	2	3	1	5					H
MOCW016S1	12/ 5/78	385	4	6	5	3	3	3	1	3	2	2	3	1	5			6		H
MOCW017S1	12/ 5/78	385	2	6	5	3	3	3	1	2	2	2	3	1	5			6	6	H
MOCW018S1	12/ 5/78	385	2	6	5	3	3	3	1	3	4	3	3	1	5			6	6	H
MOCW019S1	12/ 5/78	385	2	6	7	4	4	4	1	2	2	2	3	1	5			6	6	H
MOCW020S1	12/ 5/78	385	2	6	6	3	3	3	3	1	2	2	3	1	5			6	6	H
MOCW021S1	12/ 5/78	385	2	6	5	3	3	3	1	2	4	3	3	1	5			6	6	H
MOCW022S1	12/ 5/78	385	2	6	5	3	3	3	1	2	2	2	3	1	5					H
MOCW023S1	12/ 6/78	385	2	6	9	9	6	1	6	3	2	2	3	2	5			5		H
MOCW024S1	12/ 6/78	385	2	6	9	9	6	1	6	3	2	2	3	2	5			6		H
MOCW025S1	12/ 6/78	385	3	6	9	9	6	1	6	3	2	2	3	2	5					H
MOCW026S1	12/ 6/78	385	4	6	6	4	3	3	1	2	2	2	3	2	5					H
MOCW027S1	12/ 6/78	385	2	6	9	9	6	1	6	3	2	2	3	2	5					H
MOCW028S1	12/ 6/78	385	3	6	4	4	3	3	1	2	2	2	3	2	5			6		H
MOCW029S1	12/ 6/78	385	3	6	6	4	5	4	1	2	2	2	3	2	5					H
MOCW030S1	12/ 6/78	385	4	6	6	4	2	3	1	1	2	2	3	2	5			6		H
MOCW031S1	12/ 6/78	385	4	6	4	2	2	3	1	1	2	2	3	2	5			6	6	H
MOCW032S1	12/ 6/78	385	4	6	9	9	6	1	6	3	2	2	3	2	5			6		H
MOCW033S1	12/ 7/78	385	2	6	6	3	4	4	3	2	2	2	3	3	5					H
MOCW034S1	12/ 7/78	385	2	6	5	2	3	3	4	2	2	2	3	3	5					H
MOCW035S1	12/ 7/78	385	4	6	6	3	3	4	1	1	2	2	3	2	5					H
MOCW036S1	12/ 7/78	385	4	6	4	2	2	3	1	2	2	2	3	3	5			6		H
MOCW037S1	12/ 7/78	385	4	6	6	2	3	3	1	1	2	2	3	3	5			6		H
MOCW038S1	12/ 7/78	385	4	6	6	2	2	3	4	3	2	2	3	5	5					H
MOCW039S1	12/ 7/78	385	4	6	9	9	6	1	6	3	2	2	3	5	5			6		H
MOCW040S1	12/ 7/78	385	4	6	9	9	6	1	6	3	2	2	3	5	5			6	6	H
MOCW041S1	12/ 7/78	385	4	6	3	1	2	2	1	1	4	3	3	5	5			6	6	H
MOCW042S1	12/ 14/78	385	4	6	9	9	6	1	6	3	2	2	3	1	5			6		H
MOCW043S1	12/ 14/78	385	4	6	5	2	3	3	1	3	2	2	3	1	5					H
MOCW044S1	12/ 14/78	385	4	6	5	2	3	3	1	2	2	2	3	1	5			6		H
MOCW045S1	12/ 14/78	385	4	6	9	9	6	1	6	3	2	2	3	1	5					H
MOCW046S1	12/ 14/78	385	4	6	5	3	3	3	1	2	2	2	3	1	5					H
MOCW047S1	12/ 14/78	385	4	6	9	9	6	1	6	3	2	2	3	1	5					H
MOCW048S1	12/ 14/78	385	4	6	5	2	3	3	1	1	1	2	3	1	5					H
MOCW049S1	12/ 14/78	385	3	6	6	3	4	3	1	2	2	2	3	1	5					H
MOCW050S1	12/ 14/78	385	7	6	9	9	6	1	6	3	2	2	3	1	5			6		H
MOCW051S1	12/ 14/78	385	3	6	6	3	3	3	1	2	2	2	3	1	5					H
MOCW052S1	12/ 14/78	385	5	3	9	9	6	1	6	3	4	3	3	1	5			6		H
MOCW053S1	12/ 15/78	385	4	6	4	2	3	3	1	1	2	2	3	1	5			6		H
MOCW054S1	12/ 15/78	385	5	6	9	9	6	1	6	3	2	2	3	1	5					H
MOCW055S1	12/ 15/78	385	4	3	6	3	3	3	1	2	2	2	3	1	5					H
MOCW056S1	12/ 15/78	385	4	6	9	9	6	1	6	3	2	2	3	1	5					H
MOCW057S1	12/ 15/78	385	4	6	9	9	6	1	6	3	2	2	3	2	5					H

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

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SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMDEPTH	STMFLOW	STMLEVEL	STMCHANNEL	VEGETYPE	VEGDEFS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOCW058S1	12/15/78	385	4	6	9	9	6	1	6	3	2	3	3	1	5	5	5	H
MOCW059S1	12/15/78	385	4	6	9	9	6	1	6	3	2	3	3			6	H	
MOCW060S1	12/15/78	385	4	6	9	9	6	1	6	3	2	3	3				H	
MOCW061S1	12/15/78	385	4	6	9	9	6	1	6	3	2	3	3				H	
MOCW062S1	12/14/78	387	5	6	9	9	6	1	6	3	2	3	3				H	
MOCW063S1	12/14/78	387	7	6	9	9	6	1	6	3	2	3	3			6	H	
MOCW064S1	12/14/78	387	4	6	9	9	6	1	6	3	2	3	3				H	
MOCW065S1	12/14/78	387	4	6	5	2	3	3	1	2	2	3	3				H	
MOCW066S1	12/14/78	387	5	6	7	4	3	3	1	1	2	3	3				H	
MOCW067S1	12/14/78	387	4	6	9	9	6	1	6	3	2	3	3				H	
MOCW068S1	12/14/78	387	4	6	9	9	6	1	6	3	2	3	3			6	H	
MOCW069S1	12/15/78	387	4	6	9	9	6	1	6	3	2	3	3				H	
MOCW070S1	12/15/78	387	4	6	9	9	6	1	6	3	2	3	3				H	
MOCW071S1	12/15/78	387	4	6	9	9	6	1	6	3	2	3	3				H	
MOCW072S1	12/15/78	387	4	6	9	9	6	1	6	3	2	3	3				H	
MOCW073S1	12/15/78	387	4	6	4	3	3	3	1	2	2	3	3				H	
MOCW074S1	12/15/78	387	4	6	6	3	3	3	1	2	2	3	3				H	
MOCW075S1	12/15/78	387	4	6	7	4	4	3	1	2	2	3	3				H	
MOCW076S1	12/15/78	387	4	6	9	9	6	1	6	3	2	3	3				H	
MOCW077S1	12/15/78	385	4	6	9	9	6	1	6	3	2	3	3				H	
MODN001S1	5/10/79	385	4	6	5	3	3	3	1	1	4	3	3				H	
MODN002S1	5/10/79	385	4	1	7	3	4	4	1	1	2	3	3			6	H	
MODN003S1	5/10/79	385	4	1	9	9	6	1	6	3	2	3	3			6	H	
MODN004S1	5/10/79	385	4	1	5	1	3	3	1	1	4	3	3			6	H	
MODN005S1	5/10/79	385	4	6	5	3	2	3	2	3	2	2	2			6	H	
MODN006S1	5/10/79	385	4	1	6	3	2	3	1	1	2	2	2			6	H	
MODN007S1	5/10/79	385	4	1	9	9	6	1	6	3	2	2	3				H	
MODN008S1	5/10/79	385	4	6	8	4	2	4	4	3	2	3	4			6	H	
MODN009S1	5/10/79	385	4	6	9	9	6	1	6	3	2	3	4			6	H	
MODN010S1	5/10/79	385	4	1	7	3	4	4	1	1	2	3	3			6	H	
MODN011S1	5/10/79	385	4	6	4	2	2	3	1	1	2	3	3			6	H	
MODN012S1	5/10/79	385	6	6	9	9	6	1	6	3	2	3	3			6	H	
MODN013S1	5/10/79	385	4	1	9	9	6	1	6	3	4	3	3			6	H	
MODN014S1	5/10/79	385	4	6	6	2	3	4	1	1	2	4	3			6	H	
MODN015S1	5/10/79	385	4	1	9	9	6	1	6	3	4	3	3			6	H	
MODN016S1	5/10/79	385	2	1	9	9	6	1	6	3	2	3	3			6	H	
MODN017S1	5/10/79	385	2	1	9	9	6	1	6	3	2	3	3			6	H	
MODN018S1	5/10/79	385	4	6	4	2	1	2	3	1	4	3	3			6	H	
MODN019S1	5/10/79	385	4	1	5	2	2	3	2	1	2	3	3			6	H	
MODN020S1	5/10/79	385	4	6	7	3	3	3	1	1	2	3	3			6	H	
MODN021S1	5/10/79	385	2	1	9	9	6	1	6	3	2	4	3				H	
MODN022S1	5/10/79	385	4	1	4	2	1	2	3	1	2	3	3				H	
MODN023S1	5/10/79	385	4	6	6	4	3	3	3	1	4	3	3			6	H	
MODN024S1	5/10/79	385	4	1	7	3	2	3	1	1	2	3	3				H	
MODN025S1	5/10/79	385	4	6	5	3	3	3	1	1	2	4	3				H	
MODN026S1	5/10/79	385	4	1	5	2	2	2	1	1	2	4	3				H	
MODN027S1	5/10/79	385	4	6	5	2	2	3	3	1	2	4	3				H	
MODN028S1	5/11/79	385	4	6	6	3	3	3	1	1	2	3	3			6	H	
MODN029S1	5/11/79	385	2	1	6	3	4	4	1	3	2	3	3			6	H	
MODN030S1	5/11/79	385	4	6	5	2	3	4	1	3	2	3	3			6	H	

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STHDEPTH	STHFLOW	STHLEVEL	STHCOLOR	STHCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MODN031S1	5/11/79	385	4	3	4	3	4	1	1	2	3	4	3	5					M
MODN032S1	5/11/79	385	4	6	6	3	4	1	3	2	2	2	2	5					M
MODN033S1	5/11/79	385	4	6	9	9	6	1	3	2	2	2	2	5					M
MODN034S1	5/11/79	385	2	6	8	3	5	4	3	2	3	2	2	5					M
MODN035S1	5/11/79	385	2	6	6	3	4	4	3	2	3	2	2	5			6		M
MODN036S1	5/11/79	385	4	6	5	1	2	2	1	2	3	2	2	5					M
MODN037S1	5/11/79	385	2	1	9	9	6	1	6	2	3	2	2	5					M
MODN038S1	5/11/79	385	4	6	7	3	2	4	2	2	3	3	2	5					M
MODN039S1	5/11/79	385	4	6	8	4	4	5	3	2	3	2	2	5					M
MODN040S1	5/11/79	385	4	1	9	9	6	1	6	4	3	2	2	5					M
MODN041S1	5/11/79	385	4	6	4	2	2	3	1	4	3	3	2	5			6		M
MODN042S1	5/11/79	385	2	6	6	2	3	3	1	2	3	3	2	5			6		M
MODN043S1	5/11/79	385	2	1	6	1	3	3	1	2	3	2	2	5			6		M
MODN044S1	5/11/79	385	2	3	5	1	3	3	1	2	3	3	2	5			6		M
MODN045S1	5/11/79	385	4	6	6	1	3	3	1	2	3	2	2	5			6		M
MODN046S1	5/12/79	385	4	6	5	1	3	3	1	3	2	2	2	5			6		M
MODN047S1	5/12/79	385	2	3	5	2	3	3	1	2	3	2	1	5			6		M
MODN048S1	5/12/79	385	2	1	5	1	3	3	1	2	3	3	1	5			6		M
MODN049S1	5/12/79	385	3	6	8	2	4	4	1	2	3	2	1	5			6		M
MODN050S1	5/12/79	385	3	6	6	1	3	3	1	2	3	2	1	5					M
MODN051S1	5/12/79	385	3	6	6	3	3	3	1	2	2	3	1	5					M
MODN052S1	5/12/79	385	4	6	5	1	3	3	1	4	3	3	1	5			6		M
MODN053S1	5/12/79	385	4	1	9	9	6	1	6	4	3	2	1	5			6		M
MODN054S1	5/12/79	385	8	6	9	9	6	1	6	2	2	2	1	5			6		M
MODN055S1	5/12/79	385	4	1	9	9	6	1	6	2	3	2	1	5					M
MODN056S1	5/12/79	385	4	6	9	9	6	1	6	4	3	2	1	5					M
MODN057S1	5/12/79	385	4	1	9	9	6	1	6	2	3	3	1	5			6		M
MODN058S1	5/12/79	385	4	1	9	9	6	1	6	2	3	3	1	5					M
MODN059S1	5/12/79	385	4	1	6	1	2	3	1	2	3	2	1	5					M
MODN060S1	5/12/79	385	4	6	9	9	6	1	6	2	2	2	1	5			6		M
MODN061S1	5/12/79	385	5	6	9	9	6	1	6	2	3	2	1	5			6		M
MODN062S1	5/13/79	385	2	6	6	4	4	4	1	2	2	3	1	5					M
MODN063S1	5/13/79	385	3	6	5	1	3	3	1	2	3	4	1	5					M
MODN064S1	5/13/79	385	4	6	9	9	6	1	6	2	4	4	1	5					M
MODN065S1	5/13/79	385	4	1	9	9	6	1	6	2	3	3	1	5					M
MODN066S1	5/13/79	385	4	1	9	9	6	1	6	2	3	4	1	5					M
MODN067S1	5/13/79	385	4	1	9	9	6	1	6	2	3	2	1	5					M
MODN068S1	5/13/79	385	4	1	9	9	6	1	6	4	3	2	1	5					M
MODN069S1	5/13/79	385	2	1	5	1	2	2	1	4	3	3	1	5			6		M
MODN070S1	5/13/79	385	3	6	5	2	3	3	1	2	3	3	1	5			6		M
MODN071S1	5/13/79	385	4	1	6	2	3	3	1	2	2	3	1	5					M
MODN072S1	5/13/79	385	4	1	6	3	3	3	1	3	3	3	2	5					M
MODN073S1	5/13/79	385	3	1	7	3	4	4	1	2	3	3	1	5					M
MODN074S1	5/13/79	385	3	1	8	4	4	4	1	2	3	3	1	5					M
MODN075S1	5/13/79	385	3	1	7	2	5	4	1	3	2	2	1	5					M
MODN076S1	5/13/79	385	2	1	5	2	4	3	1	2	3	3	1	5			6		M
MODN077S1	5/14/79	385	4	1	5	1	1	2	3	4	3	2	1	5			6		M
MODN078S1	5/14/79	385	4	1	4	1	1	2	4	4	3	2	1	5					M
MODN079S1	5/14/79	385	4	6	5	2	1	3	4	2	3	2	1	5			6		M
MODN080S1	5/14/79	385	4	1	5	2	1	2	3	4	4	2	1	5			6		M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STHDEPTH	STHFLOW	STHLEVEL	STHCOLOR	STHCHANNEL	VEGTTYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MODN081S1	5/14/79	385	4	1	9	9	6	1	2	3	1	3	1	5					H
MODN082S1	5/14/79	385	4	6	5	3	1	2	3	1	4	2	1	5				6	H
MODN083S1	5/14/79	385	4	1	9	9	6	1	6	3	4	2	1	5					H
MODN084S1	5/14/79	385	4	1	9	9	6	1	6	3	2	2	1	5					H
MODN085S1	5/14/79	385	4	1	9	9	6	1	6	3	2	2	1	5					H
MODN086S1	5/14/79	385	6	6	5	2	1	2	3	1	2	2	1	5					H
MODN087S1	5/14/79	385	4	6	4	1	1	2	4	1	2	2	1	5					H
MODN088S1	5/14/79	385	4	1	4	1	2	2	1	1	2	2	1	5					H
MODN089S1	5/14/79	385	4	1	9	9	6	1	6	3	2	2	1	5					H
MODN090S1	5/14/79	385	4	1	7	3	3	3	1	1	2	2	1	5					H
MODN091S1	5/14/79	385	4	1	7	3	4	3	1	1	2	2	1	5					H
MODN092S1	5/14/79	385	4	1	8	4	4	3	1	1	2	2	1	5					H
MODU001S1	10/21/78	385	6	6	9	9	6	1	6	3	4	3	1	6			6		H
MODU002S1	10/21/78	385	7	6	9	9	6	1	6	3	4	3	1	5			6		H
MODU003S1	10/21/78	385	7	6	6	3	2	2	2	1	2	3	1	5			6		H
MODU004S1	10/21/78	385	6	7	5	3	2	2	4	1	2	3	1	5			6		H
MODU005S1	10/21/78	385	7	6	9	9	6	1	6	3	2	3	1	5			6		H
MODU006S1	10/21/78	385	6	6	9	9	6	1	6	3	3	2	1	6			6		H
MODU007S1	10/22/78	385	7	7	7	4	2	2	4	1	2	3	1	5			6		H
MODU008S1	10/22/78	385	5	6	9	9	6	1	6	3	2	4	1	5			6		H
MODU009S1	10/22/78	385	6	7	7	4	2	3	3	1	7	3	1	7			6		H
MODU010S1	10/22/78	385	7	7	9	9	6	1	6	3	7	4	1	5			6		H
MODU011S1	10/22/78	385	5	6	9	9	6	1	6	3	7	3	1	5			6		H
MODU012S1	10/22/78	385	7	7	6	2	1	2	4	1	7	4	1	5			6		H
MODU013S1	10/22/78	385	5	7	6	4	2	3	3	3	2	3	1	5			6		H
MODU014S1	10/23/78	385	5	7	6	4	2	2	2	1	2	3	1	5			6		H
MODU015S1	10/23/78	385	5	7	7	4	3	2	2	1	2	3	1	5			6		H
MODU016S1	10/23/78	385	5	7	7	4	3	2	2	1	7	4	1	5			6		H
MODU017S1	10/23/78	385	4	7	5	2	2	2	1	1	7	3	1	5			6		H
MODU018S1	10/23/78	385	4	7	9	9	6	1	6	3	3	3	1	5			6		H
MODU019S1	10/23/78	385	4	7	9	9	6	1	6	3	2	4	1	5			6		H
MODU020S1	10/23/78	385	4	7	9	9	6	1	6	3	4	3	1	8			6		H
MODU021S1	10/23/78	385	4	6	9	9	6	1	6	3	2	3	1	5			6		H
MODU022S1	10/23/78	385	4	6	5	2	2	2	1	1	3	3	1	5			6		H
MODU023S1	10/23/78	385	8	6	9	9	6	1	6	3	7	3	1	5		5	6		H
MODU024S1	10/24/78	385	7	6	9	9	6	1	6	3	4	2	1	5			6		H
MODU025S1	10/23/78	387	4	6	9	9	6	1	6	3	4	3	2	5			5		H
MODU026S1	10/21/78	387	4	6	9	9	6	1	6	3	7	3	2	5		6	5		H
MODU027S1	10/21/78	387	4	3	9	9	6	1	6	3	4	3	2	5			6		H
MODU028S1	10/21/78	387	4	3	7	5	2	2	3	3	7	3	2	5			9		H
MODU029S1	10/21/78	387	4	7	4	3	1	2	3	3	4	3	2	5			9		H
MODU030S1	10/21/78	387	4	3	9	9	6	1	6	3	7	3	2	5		9	5		H
MODU031S1	10/21/78	387	4	3	9	9	6	1	6	3	7	3	2	5					H
MODU032S1	10/21/78	387	7	7	7	4	1	2	4	3	2	3	1	5			5		H
MODU033S1	10/21/78	387	4	3	9	9	6	1	6	3	4	3	2	5			9		H
MODU034S1	10/21/78	387	4	6	9	9	6	1	6	3	7	3	1	5					H
MODU035S1	10/21/78	387	4	6	9	9	6	1	6	3	4	3	2	5			9		H
MODU036S1	10/21/78	387	4	3	9	9	6	1	6	3	4	3	2	5			9		H
MODU037S1	10/21/78	387	4	6	9	9	6	1	6	3	4	3	2	5			9		H
MODU038S1	10/21/78	387	4	6	9	9	6	1	6	3	4	3	2	5			9		H

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

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SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMWDTH	STMDEPTH	STMFLOW	STMLEVEL	STMCOLOR	STMCHANL	VECTYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MODU039S1	10/21/78	387	7	8	9	9	6	1	6	3	4	3	2	1	5				9	5
MODU040S1	10/22/78	387	4	3	9	9	6	1	6	3	4	3	2	1	5				9	5
MODU041S1	10/22/78	387	4	6	6	3	1	2	4	3	4	3	2	1	5			9	5	5
MODU042S1	10/22/78	387	4	3	9	9	6	1	6	3	4	3	2	1	5			5	9	5
MODU043S1	10/22/78	387	4	3	9	9	6	1	6	3	7	3	2	1	5			5	9	5
MODU044S1	10/22/78	387	4	3	9	9	6	1	6	3	7	3	2	1	5			5	6	5
MODU045S1	10/22/78	387	4	6	9	9	6	1	6	3	7	3	2	1	5			5	6	5
MODU046S1	10/22/78	387	4	3	9	9	6	1	6	3	4	3	2	1	5				6	5
MODU047S1	10/22/78	387	4	3	9	9	6	1	6	3	4	3	2	1	5				6	5
MODU048S1	10/22/78	387	4	3	9	9	6	1	6	3	2	4	3	2	5			6	5	5
MODU049S1	10/22/78	387	4	6	9	9	6	1	6	3	7	3	2	1	5			6	5	5
MODU050S1	10/22/78	387	4	3	6	3	1	2	4	3	4	3	2	1	5					5
MODU051S1	10/22/78	387	6	7	6	3	1	2	4	3	4	3	2	2	5					5
MODU052S1	10/22/78	387	4	3	9	9	6	1	6	3	4	3	2	2	5				6	5
MODU053S1	10/22/78	387	4	6	9	9	6	1	6	3	2	4	2	1	5				5	5
MODU054S1	10/22/78	387	4	6	9	9	6	1	6	3	7	3	2	1	5				6	5
MODU055S1	10/23/78	387	4	6	9	9	6	1	6	3	7	3	2	2	5			6	6	5
MODU056S1	10/23/78	387	4	6	9	9	6	1	6	3	7	3	2	1	5			6	5	5
MODU057S1	10/23/78	387	4	8	9	9	6	1	6	3	4	3	2	1	5				9	5
MODU058S1	10/23/78	387	4	7	9	9	6	1	6	3	4	3	2	1	5				5	5
MODU059S1	10/23/78	387	4	3	9	9	6	1	6	3	2	3	2	1	5					5
MOHL001S1	6/ 2/78	296	4	6	4	3	3	3	1	2	2	2	2	2	6				6	6
MOHL002S1	6/ 2/78	296	3	6	3	2	1	2	3	3	2	2	2	2	6				6	6
MOHL003S1	6/ 2/78	296	3	6	4	3	1	2	4	3	1	2	2	2	5				6	6
MOHL004S1	6/ 2/78	296	4	6	4	2	1	2	3	3	2	2	2	2	6				6	6
MOHL005S1	6/ 2/78	296	3	6	3	2	1	2	2	3	2	2	2	1	5				6	6
MOHL006S1	6/ 2/78	296	4	6	2	1	1	2	4	2	2	2	2	1	5				6	6
MOHL008S1	6/ 3/78	296	4	4	3	1	1	2	4	2	4	2	2	2	6				6	6
MOHL009S1	6/ 3/78	296	4	6	2	2	2	2	2	2	4	2	2	2	6				6	6
MOHL010S1	6/ 3/78	296	4	6	4	2	2	2	1	2	4	2	2	2	6				6	6
MOHL011S1	6/ 3/78	296	3	6	9	9	6	1	6	3	4	2	2	2	6				6	6
MOHL012S1	6/ 3/78	296	4	6	2	2	1	2	4	2	4	2	2	2	6				6	6
MOHL013S1	6/ 3/78	296	3	6	3	1	1	2	4	2	4	2	2	1	5				6	6
MOHL014S1	6/ 3/78	296	3	6	9	9	6	1	6	3	2	2	2	1	6				6	6
MOHL015S1	6/ 3/78	296	6	6	2	1	1	2	4	2	2	4	3	1	6				5	5
MOHL016S1	6/ 3/78	296	4	3	9	9	6	1	6	3	2	4	3	1	5				5	5
MOHL017S1	6/ 3/78	296	3	6	9	9	6	1	6	3	2	3	3	1	5				6	6
MOHL018S1	6/ 3/78	296	3	6	9	9	6	1	6	3	2	2	2	1	6				6	6
MOHL019S1	6/ 4/78	296	3	6	9	9	6	1	6	3	4	2	3	1	5				6	6
MOHL020S1	6/ 4/78	296	6	7	3	1	1	2	4	3	4	2	2	1	6				6	6
MOHL021S1	6/ 4/78	296	4	6	4	2	1	2	1	2	2	3	2	1	6				6	6
MOHL022S1	6/ 4/78	296	3	6	3	2	2	2	1	2	2	2	3	1	6				6	6
MOHL023S1	6/ 4/78	296	3	6	4	1	3	2	1	2	2	3	3	1	6				6	6
MOHL024S1	6/ 4/78	296	6	6	5	2	3	3	1	2	4	2	3	1	5				6	6
MOHL025S1	6/ 2/78	309	2	3	1	1	1	2	1	1	2	3	3	2	5				6	6
MOHL026S1	6/ 3/78	309	3	3	1	1	3	3	1	1	4	3	3	2	5				6	6
MOHL027S1	6/ 3/78	309	3	3	1	1	3	3	4	2	4	3	3	2	5				6	6
MOHL028S1	6/ 3/78	309	3	3	5	2	3	3	1	2	4	3	3	1	5				6	6
MOHL029S1	6/ 3/78	309	7	3	1	1	1	2	2	1	4	3	2	1	5				6	6
MOHL030S1	6/ 3/78	309	3	3	5	2	3	3	1	1	4	3	3	1	5				6	6

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	S E D T Y P E	S E D C O L O R	S T M H I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M N 1	C O N T A M N 2	C O N T A M N 3	C O N T A M N 4	C O N T A M N 5	W A T E R T E M P E R A T U R E
MOHL031S1	6/ 3/78	309	3	3	5	3	3	3	1	1	4	3	3	2	5				6		
MOHL032S1	6/ 3/78	309	3	3	4	2	1	3	1	1	4	3	2	1	5				6		
MOHL033S1	6/ 4/78	309	5	3	1	1	6	3	1	1	4	3	2	1	5				6		
MOHL034S1	6/ 4/78	309	3	3	5	2	3	3	1	1	4	3	2	1	5				6		
MOHL035S1	6/ 4/78	309	3	3	5	2	3	3	1	1	4	3	2	1	5				6		
MOHL036S1	6/ 4/78	309	3	3	5	2	2	3	3	1	4	3	3	1	5				6		
MOHL037S1	6/ 4/78	309	3	3	1	1	1	3	1	1	4	3	3	2	5				6		
MOHL038S1	6/ 4/78	309	3	3	9	9	6	1	6	3	4	3	3	1	5				6		
MOHL039S1	6/ 4/78	309	4	3	4	1	3	3	1	1	4	3	3	2	5				6		
MOHL040S1	6/ 4/78	309	2	3	6	3	3	3	1	1	4	3	3	1	5				6		
MOHL041S1	6/ 5/78	309	4	3	1	1	1	2	6	3	4	3	3	3	5				6		
MOHL042S1	6/ 5/78	309	4	3	1	1	1	2	3	3	4	3	2	2	5			5	6		
MOHL043S1	6/ 5/78	309	3	3	1	1	1	2	2	3	4	3	2	2	5				6		
MOHL044S1	6/ 5/78	309	3	3	9	9	6	1	6	3	4	3	3	2	5				6		
MOHL045S1	6/ 5/78	309	3	3	9	9	6	1	6	3	4	3	3	2	5				6		
MOIR001S1	5/15/79	385	4	6	5	2	2	3	1	1	2	3	2	1	5				2		
MOIR002S1	5/15/79	385	2	1	6	2	3	3	1	1	2	3	2	1	5				2		
MOIR003S1	5/15/79	385	2	1	3	1	2	2	1	1	4	3	3	1	5				2		
MOIR004S1	5/15/79	385	4	1	5	2	3	3	1	1	2	3	3	1	5				6		
MOIR005S1	5/15/79	385	4	6	5	1	4	3	1	1	2	3	3	1	5				6		
MOIR006S1	5/15/79	385	1	1	5	1	3	3	1	2	2	3	3	1	5				6		
MOIR007S1	5/15/79	385	4	6	6	4	2	3	1	1	2	3	2	1	5				6		
MOIR008S1	5/15/79	385	4	1	6	3	4	4	1	1	2	3	2	1	5				6		
MOIR009S1	5/15/79	385	5	6	5	3	3	3	1	1	2	3	3	1	5				6		
MOIR010S1	5/15/79	385	4	2	5	3	4	3	1	1	2	3	3	1	5				9		
MOIR011S1	5/15/79	385	4	1	5	2	3	3	1	1	2	3	3	2	5				6		
MOIR012S1	5/15/79	385	4	6	8	3	4	4	1	1	2	3	3	2	5				6		
MOIR013S1	5/15/79	385	3	6	6	1	2	2	1	1	4	3	2	2	5				6		
MOIR014S1	5/15/79	385	4	6	6	3	3	3	3	1	2	4	3	2	5				6		
MOIR015S1	5/15/79	385	4	1	4	2	2	3	1	1	2	3	3	2	5				6		
MOIR016S1	5/15/79	385	4	6	4	1	4	3	1	1	2	2	3	2	5				6		
MOIR017S1	5/15/79	385	4	1	9	9	6	1	6	3	2	3	3	2	5				6		
MOIR018S1	5/15/79	385	4	1	5	1	2	2	1	1	2	3	2	2	5				6		
MOIR019S1	5/15/79	385	4	6	5	3	2	3	1	1	2	4	2	3	5				2		
MOIR020S1	5/15/79	385	3	6	6	2	3	3	1	3	2	3	3	2	5				6		
MOIR021S1	5/15/79	385	4	1	6	3	3	3	1	1	2	3	2	2	5				6		
MOIR022S1	5/15/79	385	4	6	6	2	3	3	1	1	2	2	2	2	5				6		
MOIR023S1	5/16/79	385	4	6	6	3	3	3	1	1	2	3	3	1	5				6		
MOIR024S1	5/16/79	385	4	6	9	9	6	1	6	3	4	3	3	1	5				6		
MOIR025S1	5/16/79	385	4	1	6	2	4	3	1	2	2	3	3	1	5				6		
MOIR026S1	5/16/79	385	4	1	7	3	3	3	3	1	2	3	3	1	5				6		
MOIR027S1	5/16/79	385	3	6	6	2	3	3	1	1	2	2	2	1	5				6		
MOIR028S1	5/16/79	385	2	6	5	2	3	3	1	1	3	3	2	1	5				6		
MOIR029S1	5/16/79	385	1	4	5	2	4	3	1	3	2	4	4	1	5				6		
MOIR030S1	5/16/79	385	4	6	7	3	3	3	1	1	2	4	3	1	5				6		
MOIR031S1	5/16/79	385	2	4	6	2	3	3	1	1	2	3	3	2	5				6		
MOIR032S1	5/16/79	385	4	6	6	3	5	3	1	1	2	4	5	2	5				6		
MOIR033S1	5/16/79	385	5	6	6	3	3	3	1	1	2	3	2	2	5				6		
MOIR034S1	5/16/79	385	2	6	5	2	3	3	1	1	2	2	2	2	5				6		
MOIR035S1	5/16/79	385	3	6	5	1	2	3	1	3	2	3	3	2	5				6		

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

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 SRL I.D.

SAMPLE	DATE	TEAM	SED TYPE	SED COL	STH ID	STH DEP	STH FLOW	STH LEV	STH COL	STH CHAN	VEG TYPE	VEG DENS	RELIEF	WEATHER	COMPOSIT	CONTAMN 1	CONTAMN 2	CONTAMN 3	CONTAMN 4	WATER TEM
MO1R036S1	5/16/79	385	2	6	7	3	4	4	1	2	2	3	2	2	5					
MO1R037S1	5/16/79	385	4	6	5	3	2	3	1	1	2	3	2	2	5				2	
MO1R038S1	5/16/79	385	4	6	6	3	2	3	1	1	2	3	2	1	5				5	
MO1R039S1	5/16/79	385	4	6	6	2	2	3	1	1	2	3	2	1	5					
MO1R040S1	5/16/79	385	4	6	7	2	2	3	1	1	2	3	2	1	5					
MO1R041S1	5/16/79	385	4	6	5	2	2	3	5	1	2	3	2	1	5					
MO1R042S1	5/16/79	385	6	6	4	1	3	3	5	1	3	2	2	1	5					
MO1R043S1	5/16/79	385	2	6	5	2	3	3	1	3	2	3	2	1	5					
MO1R044S1	5/17/79	385	4	6	7	2	3	3	1	3	2	3	2	1	5				6	
MO1R045S1	5/17/79	385	2	6	6	3	3	3	1	3	2	3	2	1	5					
MO1R046S1	5/17/79	385	4	1	5	2	3	3	1	1	2	3	3	1	5				6	
MO1R047S1	5/17/79	385	4	6	5	2	3	3	1	1	3	3	3	1	5				6	
MO1R048S1	5/17/79	385	3	6	5	3	3	3	1	1	2	4	2	1	5					
MO1R049S1	5/17/79	385	3	6	5	2	3	3	1	3	2	3	4	1	5				6	
MO1R050S1	5/17/79	385	3	6	6	1	3	3	1	3	3	3	2	1	5					
MO1R051S1	5/17/79	385	3	6	5	2	3	3	1	3	2	3	3	1	5				6	
MO1R052S1	5/17/79	385	1	1	7	1	3	3	1	1	3	3	2	1	5				6	
MO1R053S1	5/17/79	385	4	6	7	2	3	3	1	1	2	3	2	1	5					
MO1R054S1	5/17/79	385	4	6	6	1	3	3	1	1	2	2	2	1	5				6	
MO1R055S1	5/17/79	385	4	6	5	1	3	3	1	3	2	2	2	1	5				6	
MO1R056S1	5/17/79	385	3	6	7	2	4	4	1	3	2	3	2	1	5					
MO1R057S1	5/17/79	385	4	1	9	9	6	1	6	3	7	4	3	1	5					
MO1R058S1	5/17/79	385	4	1	6	2	4	3	1	1	2	3	3	1	5					
MO1R059S1	5/18/79	385	4	1	6	2	4	3	1	1	2	3	4	1	5					
MO1R060S1	5/18/79	385	2	1	5	2	4	3	1	3	2	3	4	1	5					
MO1R061S1	5/18/79	385	4	1	6	3	3	3	1	1	2	3	3	1	5					
MO1R062S1	5/18/79	385	4	1	6	3	3	3	1	1	2	3	3	1	5					
MO1R063S1	5/18/79	385	3	6	5	3	3	3	1	1	2	3	2	1	5				6	
MO1R064S1	5/18/79	385	4	1	6	3	3	3	1	1	2	3	3	1	5					
MO1R065S1	5/18/79	385	4	6	5	3	3	3	1	1	4	3	2	1	5				6	
MO1R066S1	5/18/79	385	4	6	9	9	6	1	6	3	2	3	3	1	5					
MO1R067S1	5/18/79	385	5	6	5	2	2	3	1	3	4	3	3	1	5				6	
MOLW001S1	7/ 5/78	350	5	7	9	9	6	1	6	3	3	3	1	1	6				6	
MOLW002S1	7/ 5/78	350	5	6	9	9	6	1	6	1	4	2	1	1	7				6	
MOLW003S1	7/ 5/78	350	3	1	5	3	3	3	2	1	4	2	1	1	10				6	
MOLW004S1	7/ 6/78	350	4	1	4	2	2	2	1	1	4	2	2	1	5				6	
MOLW005S1	7/ 6/78	350	4	6	9	9	6	1	6	1	4	2	1	1	5				6	
MOLW006S1	7/ 6/78	350	4	6	9	9	6	1	6	1	4	2	1	1	6				6	
MOLW007S1	7/ 6/78	350	4	6	9	9	6	1	6	1	3	2	1	1	5				6	
MOLW008S1	7/ 6/78	350	4	6	4	2	2	2	1	1	4	2	1	1	7				6	
MOLW009S1	7/ 6/78	350	4	6	9	9	6	1	6	2	4	2	2	1	6				6	
MOLW010S1	7/ 6/78	350	3	1	9	9	6	1	6	1	4	2	2	1	6				6	
MOLW011S1	7/10/78	350	4	1	9	9	6	1	6	1	4	2	1	1	5				6	
MOLW012S1	7/10/78	350	4	1	5	2	3	3	1	1	3	1	1	1	5				8	
MOLW013S1	7/10/78	350	4	1	9	9	6	1	6	1	4	2	1	1	5				6	
MOLW014S1	7/10/78	350	4	1	5	3	2	2	2	1	3	2	1	1	6				6	
MOLW015S1	7/10/78	350	4	1	9	9	6	1	6	1	4	2	1	1	5				6	
MOLW016S1	7/10/78	350	4	1	3	2	3	2	1	1	4	2	2	1	6				6	
MOLW017S1	7/10/78	350	4	1	4	2	2	2	1	1	4	2	2	1	7				6	
MOLW018S1	7/10/78	350	4	1	9	9	6	1	6	1	3	3	2	1	5				6	

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TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMDEPTH	STMDEPTH	STMFLOW	STMLEVEL	STMCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOLW019S1	7/11/78	350	4	1	9	9	6	1	6	1	3	2	1	1	6			6	H
MOLW020S1	7/11/78	350	5	6	9	9	6	1	6	1	3	2	1	1	5			6	H
MOLW021S1	7/ 7/78	349	3	1	9	9	6	1	6	3	4	3	1	7			6	H	
MOLW022S1	7/ 7/78	349	3	6	9	9	6	1	6	3	4	3	1	7			6	H	
MOLW023S1	7/ 7/78	349	5	8	9	9	6	1	6	3	3	2	1	5			6	H	
MOLW024S1	7/ 7/78	349	2	1	9	9	6	1	6	3	4	3	1	6			6	H	
MOLW025S1	7/ 7/78	349	3	1	9	9	6	1	6	3	3	3	1	7			6	H	
MOLW026S1	7/ 7/78	349	3	6	9	9	6	1	6	3	4	3	1	8			6	H	
MOLW027S1	7/ 7/78	349	3	6	6	4	3	3	1	2	4	3	1	6			6	H	
MOLW028S1	7/ 7/78	349	2	1	5	2	2	2	1	2	3	3	1	5			6	H	
MOLW029S1	7/ 7/78	349	2	1	9	9	6	1	6	3	4	3	1	7			6	H	
MOLW030S1	7/ 7/78	349	5	8	9	9	6	1	6	3	3	3	1	6			6	H	
MOLW031S1	7/ 8/78	349	2	1	9	9	6	1	6	3	4	3	1	10			6	H	
MOLW032S1	7/ 8/78	349	3	6	9	9	6	1	6	3	4	3	1	6			6	H	
MOLW033S1	7/ 8/78	349	2	6	5	2	3	3	1	2	3	3	1	7			6	H	
MOLW034S1	7/ 8/78	349	3	8	5	2	1	2	2	1	3	3	1	5			6	H	
MOLW035S1	7/ 8/78	349	3	8	5	2	1	2	3	1	3	3	1	5			6	H	
MOLW036S1	7/ 8/78	349	3	6	5	2	1	2	2	1	3	3	1	5			6	H	
MOLW037S1	7/ 8/78	349	2	1	6	4	2	2	1	2	3	3	1	6			6	H	
MOLW038S1	7/ 8/78	349	3	6	9	9	6	1	6	3	3	3	1	5			6	H	
MOLW039S1	7/ 8/78	349	2	1	5	3	1	2	1	2	3	3	1	6			6	H	
MOLW040S1	7/ 9/78	349	3	6	9	9	6	1	6	3	3	3	1	5			6	H	
MOLW041S1	7/ 9/78	349	6	8	9	9	6	1	6	3	4	3	1	5			6	H	
MOLW042S1	7/10/78	349	3	6	9	9	6	1	6	3	3	4	1	6			6	H	
MOLW043S1	7/ 8/78	351	3	6	6	3	4	4	2	2	4	3	1	9			6	H	
MOLW044S1	7/ 8/78	351	3	6	9	9	6	1	6	3	4	4	1	9			6	H	
MOLW045S1	7/ 8/78	351	3	6	4	1	3	3	2	1	4	4	1	7			6	H	
MOLW046S1	7/ 8/78	351	3	6	9	9	6	1	6	3	4	4	1	7			6	H	
MOLW047S1	7/ 8/78	351	3	6	9	9	6	1	6	3	3	4	1	7			6	H	
MOLW048S1	7/ 8/78	351	3	4	6	2	3	3	2	3	3	3	1	5			6	H	
MOLW049S1	7/ 9/78	349	3	6	5	2	1	2	1	1	2	3	1	5			6	H	
MOLW050S1	7/ 9/78	349	3	8	5	3	2	3	3	1	3	3	1	5			6	H	
MOLW051S1	7/ 9/78	349	2	1	9	9	6	1	6	3	4	3	1	8			6	H	
MOLW052S1	7/ 9/78	349	2	1	9	9	6	1	6	3	4	3	1	7			6	H	
MOLW053S1	7/ 9/78	349	3	1	9	9	6	1	6	3	4	3	1	7			6	H	
MOLW054S1	7/ 9/78	349	3	1	9	9	6	1	6	3	4	3	1	5			6	H	
MOLW055S1	7/ 9/78	349	2	1	9	9	6	1	6	3	3	3	1	5			6	H	
MOLW056S1	7/ 9/78	349	5	8	4	2	2	2	1	1	4	3	1	6			6	H	
MOLW057S1	7/ 9/78	349	3	6	6	3	3	3	1	2	2	3	1	5			6	H	
MOLW058S1	7/ 9/78	349	3	1	9	9	6	1	6	3	3	3	1	5			6	H	
MOLW059S1	7/ 9/78	349	2	1	9	9	6	1	6	3	4	3	1	5			6	H	
MOLW060S1	7/ 9/78	349	3	1	9	9	6	1	6	3	4	3	1	8			6	H	
MOLW061S1	7/ 9/78	349	3	1	6	3	2	2	1	2	4	3	1	7			6	H	
MOLW062S1	7/ 6/78	352	3	1	6	4	3	3	1	1	4	3	1	10			6	H	
MOLW063S1	7/ 6/78	352	3	1	9	9	6	1	6	2	4	3	1	18			6	H	
MOLW064S1	7/ 7/78	352	3	6	5	3	2	2	1	2	2	3	1	10			6	H	
MOLW065S1	7/ 7/78	352	3	1	9	9	6	1	6	1	2	2	1	10			6	H	
MOLW066S1	7/ 7/78	352	3	1	4	3	2	2	1	2	4	4	1	8			6	H	
MOLW067S1	7/ 7/78	352	3	1	6	4	3	3	2	1	4	3	1	10			6	H	
MOLW068S1	7/ 7/78	352	3	1	5	3	3	2	1	1	4	4	1	7			6	H	

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SED TYPE	SEDCOLOR	STH WIDTH	STH DEPTH	STH FLOW	STH LEVEL	STH COLOR	STH CHANNEL	VEG TYPE	VEG DENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	CONTAMN5	WATERTEMP
MOLW069S1	7/ 7/78	352	3	1	9	9	6	1	6	1	4	3	2	1	8						
MOLW070S1	7/ 8/78	352	3	1	6	3	3	2	1	1	3	3	2	1	8						
MOLW071S1	7/ 8/78	352	3	1	6	3	3	2	1	1	2	3	2	1	7						
MOLW072S1	7/ 8/78	352	3	6	9	9	6	2	1	1	2	3	2	1	7			5	3	6	
MOLW073S1	7/ 8/78	352	3	6	5	3	3	2	2	1	3	4	2	1	8			6	5	6	
MOLW074S1	7/ 8/78	352	6	7	5	3	2	2	4	1	3	4	2	1	5			6	2	6	
MOLW075S1	7/ 8/78	352	3	6	4	2	2	2	1	1	4	4	2	1	9				6	2	
MOLW076S1	7/ 8/78	352	3	1	9	9	6	1	6	1	4	4	2	1	9				6	6	
MOLW077S1	7/ 8/78	352	3	1	9	9	6	1	6	1	2	3	2	1	9				6	6	
MOLW078S1	7/13/78	349	3	1	9	9	6	1	6	3	2	3	3	1	9				6	6	
MOLW079S1	7/13/78	349	2	6	9	9	6	1	6	3	2	4	2	2	5				6	6	
MOLW080S1	7/13/78	349	3	8	9	9	6	1	6	3	3	3	2	1	15		9	6	2	2	
MOLW081S1	7/13/78	349	2	1	9	9	6	1	6	3	2	3	2	1	10				2	2	
MOMC001S1	7/24/78	351	3	6	9	9	6	1	6	3	2	2	3	1	8					6	
MOMC002S1	7/24/78	351	3	6	9	9	6	1	6	3	4	3	3	1	8						
MOMC003S1	7/24/78	351	3	4	9	9	6	1	6	3	3	3	3	1	10						
MOMC004S1	7/24/78	351	3	6	9	9	6	1	6	3	3	4	3	1	10						
MOMC005S1	7/25/78	351	3	6	9	9	6	1	6	3	3	4	3	1	10				6		
MOMC006S1	7/25/78	351	3	6	5	1	2	2	1	1	4	4	3	1	10				6		
MOMC007S1	7/25/78	351	3	4	9	9	6	1	6	3	4	4	3	1	13						
MOMC008S1	7/25/78	351	3	6	9	9	6	1	6	3	4	3	3	1	10						
MOMC009S1	7/25/78	351	3	6	9	9	6	1	6	3	4	3	3	1	8						
MOMC010S1	7/26/78	351	3	6	4	1	2	2	1	1	2	3	3	1	7						
MOMC011S1	7/26/78	351	3	6	9	9	6	1	6	3	3	5	3	1	9						
MOMC012S1	7/26/78	351	3	6	5	1	3	2	1	1	4	3	3	1	8						
MOMC013S1	7/26/78	351	3	6	9	9	6	1	6	3	3	3	3	1	9						
MOMC014S1	7/26/78	351	3	6	3	1	2	2	3	1	4	3	3	2	9						
MOMC015S1	7/30/78	351	3	4	6	1	3	3	1	1	3	4	3	1	8						
MOMC016S1	7/30/78	351	3	6	6	2	3	3	1	1	3	4	3	1	6						
MOMC017S1	7/30/78	351	3	6	9	9	6	1	6	3	4	3	3	1	5						
MOMC018S1	7/30/78	351	3	6	9	9	6	1	6	3	3	4	3	1	10						
MOMC019S1	7/30/78	351	6	6	9	9	6	1	6	3	3	5	3	1	5						
MOMC020S1	7/20/78	351	3	6	9	9	6	1	6	3	4	3	3	1	5						
MOMC021S1	7/20/78	351	3	6	9	9	6	1	6	3	3	4	3	1	7						
MOMC022S1	7/20/78	351	3	6	9	9	6	1	6	3	2	3	3	1	7						
MOMC023S1	7/20/78	351	3	4	4	1	2	2	1	1	2	3	3	1	6						
MOMC024S1	7/20/78	351	3	6	9	9	6	1	6	3	2	3	3	1	6						
MOMC025S1	7/20/78	351	3	4	9	9	6	1	6	3	2	3	3	1	9						
MOMC026S1	7/20/78	351	3	6	9	9	6	1	6	3	3	3	3	1	8						
MOMC027S1	7/20/78	351	3	6	9	9	6	1	6	3	4	4	3	1	5						
MOMC028S1	7/20/78	351	3	4	4	1	2	2	1	1	3	3	3	1	6						
MOMC029S1	7/21/78	351	3	6	9	9	6	1	6	3	4	3	3	1	8						
MOMC030S1	7/21/78	351	3	6	5	1	3	3	1	2	3	4	3	1	5						
MOMC031S1	7/21/78	351	3	6	9	9	6	1	6	3	4	3	3	1	7						
MOMC032S1	7/21/78	351	3	6	5	1	3	3	1	2	4	3	3	1	6						
MOMC033S1	7/21/78	351	3	6	9	9	6	1	6	3	4	3	3	1	6						
MOMC034S1	7/21/78	351	3	6	9	9	6	1	6	3	4	4	3	1	5						
MOMC035S1	7/21/78	351	3	6	9	9	6	1	6	3	2	3	3	1	5						
MOMC036S1	7/21/78	351	3	6	4	1	2	2	1	1	4	3	3	1	5						
MOMC037S1	7/24/78	351	3	6	9	9	6	1	6	3	3	4	3	1	6				9		

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	S E D T Y P E	S E D C O L O R	S T M H I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	H E A T H E R	C O M P O S I T	C O N T A M N 1	C O N T A M N 2	C O N T A M N 3	C O N T A M N 4	W A T E R T E M P E R A T U R E
MOMC038S1	7/24/78	351	3	4	9	9	6	1	6	3	4	4	3	1	11					
MOMC039S1	7/24/78	351	3	6	9	9	6	1	6	3	2	3	3	1	10					
MOMC040S1	7/21/78	352	3	1	6	4	2	2	1	2	2	3	2	1	9			5	2	
MOMC041S1	7/21/78	352	2	1	9	9	6	1	6	2	4	4	2	1	7				5	
MOMC042S1	7/21/78	352	3	1	9	9	6	1	6	3	4	4	2	1	8					
MOMC043S1	7/21/78	352	3	1	6	4	3	2	1	2	3	3	2	1	10					
MOMC044S1	7/22/78	352	3	1	5	2	2	2	1	2	2	3	2	1	5					
MOMC045S1	7/22/78	352	3	1	4	2	2	2	1	2	2	3	3	1	7					
MOMC046S1	7/22/78	352	3	1	9	9	6	1	6	1	2	4	3	1	10					
MOMC047S1	7/22/78	352	3	1	9	9	6	1	6	2	3	3	2	1	6					
MOMC048S1	7/22/78	352	3	1	9	9	6	1	6	1	2	3	3	1	5					
MOMC049S1	7/22/78	352	3	1	9	9	6	1	6	2	4	4	2	2	6					
MOMC050S1	7/23/78	352	3	1	9	9	6	1	6	1	4	3	2	2	5					
MOMC051S1	7/23/78	352	3	1	9	9	6	1	6	1	2	3	2	2	5					
MOMC052S1	7/23/78	352	2	6	9	9	6	1	6	2	4	3	2	3	20					
MOMC053S1	7/23/78	352	3	1	9	9	6	1	6	3	2	3	2	3	6					
MOMC054S1	7/23/78	352	2	6	9	9	6	1	6	1	3	3	2	2	5					
MOMC055S1	7/24/78	352	3	3	9	9	6	1	6	3	2	3	3	2	6					
MOMC056S1	7/24/78	352	3	1	5	2	2	2	1	2	2	3	2	1	7					
MOMC057S1	7/24/78	352	2	1	9	9	6	1	6	3	2	3	2	1	5					
MOMC058S1	7/16/78	350	4	8	9	9	6	1	6	1	2	3	3	1	5				6	
MOMC059S1	7/16/78	350	3	1	9	9	6	1	6	1	4	2	3	1	10				6	
MOMC060S1	7/16/78	350	3	1	9	9	6	1	6	1	4	2	3	1	8				6	
MOMC061S1	7/16/78	350	4	1	9	9	6	1	6	1	3	1	3	1	6				6	
MOMC062S1	7/16/78	350	3	1	6	2	3	3	1	1	3	2	2	1	6				6	
MOMC063S1	7/16/78	350	4	1	9	9	6	1	6	1	4	2	3	1	6				6	
MOMC064S1	7/21/78	350	4	1	9	9	6	1	6	1	4	2	3	1	6				6	
MOMC065S1	7/21/78	350	4	1	9	9	6	1	6	1	2	3	1	5					6	
MOMC066S1	7/21/78	350	4	1	9	9	6	1	6	1	4	2	2	1	6				6	
MOMC067S1	7/21/78	350	4	1	9	9	6	1	6	1	4	2	3	1	6				6	
MOMC068S1	7/21/78	350	4	1	9	9	6	1	6	1	4	2	2	1	6				6	
MOMC069S1	7/29/78	350	4	1	9	9	6	1	6	1	2	2	4	1	6				6	
MOMC070S1	7/29/78	350	4	1	9	9	6	1	6	1	4	2	3	1	5				6	
MOMC071S1	7/29/78	350	4	1	9	9	6	1	6	1	4	2	3	1	6				6	
MOMC072S1	7/29/78	350	4	1	9	9	6	1	6	1	4	2	3	1	6				6	
MOMC073S1	7/29/78	350	4	1	9	9	6	1	6	2	4	2	3	1	6				6	
MOMC074S1	7/29/78	350	4	1	7	2	2	2	2	1	4	2	3	1	6				6	
MOMC075S1	7/29/78	350	4	7	9	9	6	1	6	2	3	1	3	5					6	
MOMC076S1	7/29/78	350	5	9	9	9	6	1	6	1	3	1	2	5					6	
MOMD001S1	5/30/79	385	4	6	5	1	3	3	1	1	2	3	2	1	5					
MOMD002S1	5/30/79	385	4	1	6	1	3	3	1	1	2	3	2	1	5				6	
MOMD003S1	5/30/79	385	4	1	7	2	3	3	1	1	2	3	2	1	5					
MOMD004S1	5/30/79	385	4	6	9	9	6	1	6	3	2	3	2	1	5					
MOMD005S1	5/30/79	385	2	1	5	1	3	3	1	3	2	3	2	1	5					
MOMD006S1	5/30/79	385	2	6	5	2	3	3	1	3	2	3	2	1	5					
MOMD007S1	5/30/79	385	7	7	5	2	3	3	1	1	2	2	3	1	5				6	
MOMD008S1	5/30/79	385	3	1	9	9	6	1	6	3	2	3	2	1	5					
MOMD009S1	5/30/79	385	4	6	7	3	3	3	1	1	2	3	2	1	5					
MOMD010S1	5/31/79	385	4	6	6	3	3	3	1	1	2	4	2	1	5					
MOMD011S1	5/31/79	385	4	6	8	3	3	4	1	3	2	4	2	1	5					

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STHDEPTH	STHFLOW	STHLEVEL	STHCOLOR	STHCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOMD012S1	5/31/79	385	4	6	5	2	3	3	1	3	2	2	1	5					
MOMD013S1	5/31/79	385	5	6	6	2	3	3	1	2	3	2	1	5			6		
MOMD014S1	5/31/79	385	4	6	6	2	3	3	1	2	3	2	1	5					
MOMD015S1	5/31/79	385	4	1	6	2	3	3	1	2	3	2	1	5			6		
MOMD016S1	5/31/79	385	4	6	6	3	3	3	1	4	3	3	1	5			6		
MOMD017S1	5/31/79	385	4	6	6	2	3	3	1	2	3	2	1	5			6		
MOMD018S1	5/31/79	385	4	6	9	9	6	1	6	3	2	2	1	5					
MOMD019S1	5/31/79	385	4	6	6	2	2	3	2	2	2	2	1	5			6		
MOMD020S1	5/31/79	385	4	1	5	1	3	3	5	2	2	2	1	5			6		
MOMD021S1	5/31/79	385	4	6	6	2	3	3	1	2	2	2	1	5			6		
MOMD022S1	5/31/79	385	4	1	6	2	2	3	1	2	2	2	1	5			6		
MOMD023S1	5/31/79	385	4	6	8	3	4	3	3	2	2	3	1	5					
MOMD024S1	5/31/79	385	4	6	9	9	6	1	6	3	2	2	1	5			6		
MOMD025S1	5/31/79	385	4	6	6	2	3	3	1	2	2	2	1	5					
MOMD026S1	5/31/79	385	4	6	5	3	2	3	1	2	2	2	1	5			6		
MOMD027S1	5/31/79	385	3	6	5	1	3	3	1	3	2	2	1	5					
MOMD028S1	5/31/79	385	4	1	6	2	3	3	1	2	2	2	1	5			2		
MOMD029S1	5/31/79	385	4	6	5	3	3	3	1	3	2	2	1	5			6		
MOMD030S1	5/31/79	385	4	6	5	2	3	3	2	2	2	2	1	5					
MOMD031S1	6/ 1/79	385	4	6	4	2	2	2	5	2	2	2	3	5			6		
MOMD032S1	6/ 1/79	385	2	6	9	9	6	1	6	3	2	2	2	5			6		
MOMD033S1	6/ 1/79	385	4	6	5	2	3	3	1	2	2	2	2	5					
MOMD034S1	6/ 1/79	385	3	1	5	3	3	3	1	2	2	2	2	5			6		
MOMD035S1	6/ 1/79	385	4	6	6	3	3	3	1	4	2	2	2	5			6		
MOMD036S1	6/ 1/79	385	4	6	5	2	3	3	1	2	2	2	2	5			6		
MOMD037S1	6/ 1/79	385	4	6	6	2	3	3	1	2	2	2	2	5			6		
MOMD038S1	6/ 1/79	385	3	1	9	9	6	1	6	3	2	2	2	5					
MOMD039S1	6/ 1/79	385	4	6	5	1	2	3	1	2	2	2	2	5			6		
MOMD040S1	6/ 1/79	385	2	6	5	2	3	3	1	2	2	2	2	5			6		
MOMD041S1	6/ 1/79	385	4	6	5	2	3	3	1	2	2	2	2	5			6		
MOMD042S1	6/ 1/79	385	4	6	6	2	3	3	1	2	2	2	2	5			6		
MOMD043S1	6/ 1/79	385	5	6	5	1	3	3	1	2	2	2	2	5			6		
MOMD044S1	6/ 1/79	385	4	6	6	3	2	4	1	2	2	2	2	5					
MOMD045S1	6/ 1/79	385	4	6	6	2	1	3	1	2	2	2	2	5			6		
MOMD046S1	6/ 2/79	385	4	1	8	3	2	3	1	2	2	2	2	5					
MOMD047S1	6/ 2/79	385	4	6	6	2	2	3	1	2	2	2	2	5			6		
MOMD048S1	6/ 2/79	385	4	1	6	1	2	2	1	2	2	2	2	5			6		
MOMD049S1	6/ 2/79	385	4	6	6	2	3	2	1	2	2	2	2	5			6		
MOMD050S1	6/ 2/79	385	4	6	6	3	2	3	2	2	2	2	2	5					
MOMD051S1	6/ 2/79	385	3	1	6	2	2	3	1	2	2	2	2	5			6		
MOMD052S1	6/ 2/79	385	3	6	7	2	2	3	1	2	2	2	2	5					
MOMD053S1	6/ 2/79	385	4	6	7	3	3	3	1	2	2	2	2	5					
MOMD054S1	6/ 2/79	385	2	3	9	9	6	1	6	3	2	2	2	5			6		
MOMD055S1	6/ 2/79	385	4	6	5	2	3	3	1	2	2	2	2	5			6		
MOMS001S1	10/30/78	387	4	7	4	2	2	3	2	4	3	2	1	5			6		
MOMS002S1	10/30/78	387	7	7	5	2	2	2	3	4	3	2	1	5			6		
MOMS003S1	10/30/78	387	4	6	5	2	2	2	3	4	3	2	1	5			6		
MOMS004S1	10/30/78	387	4	7	6	4	1	2	4	4	3	2	1	5			6		
MOMS005S1	10/30/78	387	4	7	5	2	2	2	3	4	3	2	1	5			6		
MOMS006S1	10/30/78	387	7	7	5	3	2	2	3	4	3	2	1	5			5		

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	S E D I M E N T T Y P E	S E D I M E N T C O L O R	S T H I D E P T H	S T H D E P T H	S T H F L O W	S T H L E V E L	S T H C O L O R	S T H C H A N L	V E G E T Y P E	V E G E D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M I N 1	C O N T A M I N 2	C O N T A M I N 3	C O N T A M I N 4	W A T E R T E M P E R A T U R E
MOMS007S1	10/31/78	387	7	7	9	9	6	1	6	3	4	3	2	1	5				6	H
MOMS008S1	10/31/78	387	6	7	9	9	6	1	6	3	4	3	2	1	5				6	H
MOMS009S1	10/31/78	387	6	7	5	2	1	2	4	3	4	3	2	1	5				6	H
MOMS010S1	10/31/78	387	7	7	5	4	2	2	4	3	3	3	2	1	5					H
MOMS011S1	10/31/78	387	7	7	9	9	6	1	6	3	4	3	2	1	5				6	H
MOMS012S1	10/31/78	387	4	7	6	3	2	2	4	3	4	3	2	1	5				6	H
MOMS013S1	10/31/78	387	4	7	4	2	1	2	3	3	4	3	2	1	5				6	H
MOMS014S1	10/31/78	387	7	7	5	3	2	2	3	3	4	3	2	1	5				6	H
MOMS015S1	10/31/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	H
MOMS016S1	10/31/78	387	6	7	9	9	6	1	6	3	4	3	2	1	5			6	5	H
MOMS017S1	10/31/78	387	7	7	5	3	1	2	3	3	4	3	2	1	5			5		H
MOMS018S1	11/ 1/78	387	4	7	6	4	2	2	2	3	4	3	2	1	5				6	H
MOMS019S1	11/ 1/78	387	6	6	9	9	6	1	6	3	4	3	2	1	5				6	H
MOMS020S1	11/ 1/78	387	6	6	9	9	6	1	6	3	4	3	2	1	5				6	H
MOMS021S1	11/ 1/78	387	6	7	8	4	2	2	4	3	4	3	2	1	5				6	H
MOMS022S1	11/ 1/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	H
MOMS023S1	11/ 1/78	387	7	7	5	3	3	2	4	3	4	3	2	1	5				6	H
MOMS024S1	11/ 1/78	387	6	6	9	9	6	1	6	3	4	3	2	1	5				6	H
MOMS025S1	11/ 1/78	387	6	7	5	2	2	2	3	3	4	3	2	1	5				6	H
MOMS026S1	10/31/78	385	4	6	7	4	2	3	3	3	2	4	2	1	5			2	6	H
MOMS027S1	11/ 1/78	385	4	7	6	4	2	3	2	1	4	3	1	1	5				6	H
MOMS028S1	11/ 1/78	385	7	7	6	4	2	3	3	3	2	3	1	1	5				6	H
MOMS029S1	11/ 1/78	385	6	7	6	4	2	2	3	3	3	3	1	1	5				6	H
MOMS030S1	11/ 1/78	385	7	7	5	1	2	2	2	1	3	3	2	1	5				6	H
MOMS031S1	10/31/78	385	4	6	5	4	2	3	1	3	2	3	1	3	5				6	H
MOMS032S1	10/31/78	385	4	7	6	4	2	2	3	1	2	3	1	1	5				6	H
MOMS033S1	10/31/78	385	6	6	5	1	1	2	3	3	4	3	1	2	5				6	H
MOMS034S1	10/31/78	385	5	6	9	9	6	1	6	3	4	3	1	1	5				6	H
MOMS035S1	10/31/78	385	6	6	9	9	6	1	6	3	2	3	1	1	5				6	H
MOMS036S1	10/31/78	385	6	7	5	1	1	2	5	3	1	2	1	1	5				6	H
MOMS037S1	10/31/78	385	6	7	5	3	1	2	5	1	7	3	1	1	5				6	H
MOMS038S1	10/31/78	385	4	6	7	3	3	3	3	1	7	3	2	1	5				6	H
MONE001S1	10/24/78	385	7	6	9	9	6	1	6	3	4	2	1	1	6				6	H
MONE002S1	10/24/78	385	4	6	9	9	6	1	6	3	7	4	1	1	5				6	H
MONE003S1	10/24/78	385	4	7	3	1	2	2	5	1	7	3	1	1	5				6	H
MONE004S1	10/24/78	385	6	7	6	3	2	2	1	3	7	4	1	1	5				6	H
MONE005S1	10/25/78	385	4	6	9	9	6	1	6	3	3	3	1	3	5				6	H
MONE006S1	10/25/78	385	4	6	9	9	6	1	6	3	4	3	1	3	5				6	H
MONE007S1	10/25/78	385	4	6	9	9	6	1	6	3	4	3	1	3	7				6	H
MONE008S1	10/25/78	385	6	7	5	2	1	2	3	1	7	3	1	3	5				6	H
MONE009S1	10/25/78	385	6	1	9	9	6	1	6	3	3	3	1	3	5				6	H
MONE010S1	10/25/78	385	6	7	9	9	6	1	6	3	3	3	1	3	5				6	H
MONE011S1	10/27/78	385	7	7	6	2	1	3	1	3	3	4	1	1	5				6	H
MONE012S1	10/27/78	385	6	7	6	3	2	3	1	2	3	3	1	1	5				6	H
MONE013S1	10/27/78	385	7	8	6	3	2	2	1	3	4	3	1	1	5			9	7	H
MONE014S1	10/27/78	385	4	6	9	9	6	1	6	3	7	3	1	1	5				6	H
MONE015S1	10/27/78	385	6	6	9	9	6	1	6	3	3	2	1	1	5			2	6	H
MONE016S1	10/27/78	385	4	6	9	9	6	1	6	3	4	2	1	1	5				6	H
MONE017S1	10/27/78	385	4	6	9	9	6	1	6	3	7	2	1	1	5				6	H
MONE018S1	10/27/78	385	4	6	9	9	6	1	6	3	3	2	1	1	5			2	6	H

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMDEPTH	STMDEPTH	STMFLOW	STMLEVEL	STMCOLOR	STMCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MONE019S1	10/27/78	385	5	6	9	9	6	1	6	3	3	2	1	1	5				6	H
MONE020S1	10/27/78	385	8	6	9	9	6	1	6	3	3	2	1	1	5				6	H
MONE021S1	10/27/78	385	4	6	9	9	6	1	6	3	3	2	1	1	7				6	H
MONE022S1	10/27/78	385	4	6	9	9	6	1	6	3	7	3	1	1	5				6	H
MONE023S1	10/27/78	385	6	6	9	9	6	1	6	3	3	3	1	1	5				6	H
MONE024S1	10/27/78	385	6	6	9	9	6	1	6	3	3	2	1	1	5				6	H
MONE025S1	10/27/78	385	4	1	9	9	6	1	6	3	7	2	1	1	5				6	H
MONE026S1	10/28/78	385	8	6	4	3	2	3	3	1	3	4	1	1	5				6	H
MONE027S1	10/28/78	385	6	6	9	9	6	1	6	3	2	2	1	1	5				6	H
MONE028S1	10/28/78	385	6	7	6	2	2	3	1	1	2	3	1	1	5				6	H
MONE029S1	10/28/78	385	4	6	9	9	6	1	6	3	3	3	1	1	5				6	H
MONE030S1	10/28/78	385	6	6	6	2	2	2	4	1	3	3	1	1	5				6	H
MONE031S1	10/30/78	385	6	6	9	9	6	1	6	3	7	3	1	1	5				6	H
MONE032S1	10/30/78	385	8	6	9	9	6	1	6	3	7	3	1	1	5				6	H
MONE033S1	10/30/78	385	8	6	6	3	2	3	1	3	3	3	1	1	5				6	H
MONE034S1	10/30/78	385	4	6	6	2	2	3	1	1	3	3	1	1	5				6	H
MONE035S1	10/30/78	385	4	6	6	3	3	3	1	1	7	3	1	1	5				6	H
MONE036S1	10/30/78	385	8	6	5	4	3	3	1	1	3	3	1	1	5				6	H
MONE037S1	10/30/78	385	8	7	5	2	2	3	1	1	7	3	1	1	5				6	H
MONE038S1	10/30/78	385	4	6	9	9	6	1	6	3	7	2	1	1	5				6	H
MONE039S1	10/28/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	H
MONE040S1	10/28/78	387	4	7	7	3	2	3	3	3	4	3	2	1	5				6	H
MONE041S1	10/28/78	387	4	3	9	9	6	1	6	3	4	3	2	1	5				6	H
MONE042S1	10/28/78	387	7	7	7	3	2	2	6	3	4	3	2	1	5				6	H
MONE043S1	10/28/78	387	4	6	9	9	6	1	6	3	7	3	2	1	5				6	H
MONE044S1	10/28/78	387	4	6	9	9	6	1	6	3	2	3	2	1	5				5	H
MONE045S1	10/28/78	387	7	7	7	4	2	3	3	3	4	3	3	1	5				5	H
MONE046S1	10/28/78	387	4	6	9	9	6	1	6	3	2	3	2	1	5		6		5	H
MONE047S1	10/28/78	387	4	6	9	9	6	1	6	3	2	3	2	1	5		5		6	H
MONE048S1	10/30/78	387	8	9	6	3	2	3	2	3	2	3	2	1	5				6	H
MONE049S1	10/30/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	H
MONE050S1	10/30/78	387	4	7	9	9	6	1	6	3	4	3	2	1	5				6	H
MONE051S1	10/30/78	387	7	7	5	3	3	2	2	3	4	3	2	1	5		6		5	H
MONE052S1	10/30/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				5	H
MONE053S1	10/30/78	387	4	6	9	9	6	1	6	3	3	3	2	1	5		5		6	H
MONE054S1	10/30/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5		6		5	H
MONE055S1	10/30/78	387	7	7	6	3	2	3	2	3	4	3	2	1	5				6	H
MONE056S1	10/30/78	387	7	7	5	4	2	2	2	3	4	3	2	1	5				6	H
MONE057S1	10/30/78	387	7	7	6	4	2	2	3	3	4	3	2	1	5				6	H
MONW001S1	7/11/78	350	4	1	9	9	6	1	6	1	4	2	2	1	6				6	H
MONW002S1	7/11/78	350	4	1	9	9	6	1	6	1	4	2	2	1	5				6	H
MONW003S1	7/11/78	350	4	1	5	3	2	2	2	1	3	2	1	1	5				6	H
MONW004S1	7/11/78	350	4	6	9	9	6	1	6	1	4	2	1	1	6				6	H
MONW005S1	7/11/78	350	4	1	9	9	6	1	6	1	4	2	2	1	6				6	H
MONW006S1	7/11/78	350	4	1	3	2	2	2	1	1	3	1	1	1	6				6	H
MONW007S1	7/11/78	350	4	1	9	9	6	1	6	1	3	1	2	1	5				6	H
MONW008S1	7/11/78	350	4	1	9	9	6	1	6	2	4	2	2	1	5				6	H
MONW009S1	7/15/78	350	3	1	5	3	2	3	2	1	3	2	2	1	6				6	H
MONW010S1	7/15/78	350	7	7	9	9	6	1	6	1	2	2	2	1	5				6	H
MONW011S1	7/15/78	350	4	6	9	9	6	1	6	1	3	1	2	1	5				6	H

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STHDEPTH	STHFLOW	STHLEVEL	STHCOLOR	STHCHANNEL	VEGETYPE	VEGDEFNS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MONW012S1	7/15/78	350	3	1	5	3	3	1	1	4	2	1	1	8				6	M
MONW013S1	7/15/78	350	4	1	9	9	6	1	1	4	1	2	1	6				8	M
MONW014S1	7/15/78	350	5	7	9	9	6	1	1	4	2	2	1	5				6	M
MONW015S1	7/15/78	350	4	1	9	9	6	1	1	3	2	2	1	6				9	M
MONW016S1	7/16/78	350	4	6	9	9	6	1	1	4	2	2	1	5				6	M
MONW017S1	7/19/78	350	4	1	9	9	6	1	1	4	2	2	1	5				6	M
MONW018S1	7/19/78	350	4	6	9	9	6	1	1	3	2	1	1	6				6	M
MONW019S1	7/19/78	350	4	1	5	3	3	1	1	3	1	1	1	6				8	M
MONW020S1	7/19/78	350	3	1	7	4	4	3	2	3	2	2	1	7				8	M
MONW021S1	7/19/78	350	4	1	9	9	6	1	1	4	2	2	1	5				6	M
MONW022S1	7/20/78	350	4	1	9	9	6	1	1	4	2	2	1	6				6	M
MONW023S1	7/20/78	350	4	1	6	4	2	3	2	3	2	3	1	6				6	M
MONW024S1	7/20/78	350	4	1	9	9	6	1	1	3	2	1	1	5				6	M
MONW025S1	7/20/78	350	5	6	9	9	6	1	1	4	2	3	1	6				6	M
MONW026S1	7/20/78	350	4	1	9	9	6	1	1	4	2	1	1	6				6	M
MONW027S1	7/20/78	350	4	1	9	9	6	1	1	3	2	1	1	6			6	M	
MONW028S1	7/14/78	351	3	6	9	9	6	1	3	4	4	3	2	6				M	M
MONW029S1	7/14/78	351	3	6	4	1	2	2	1	3	4	3	2	8				M	M
MONW030S1	7/14/78	351	3	6	5	1	2	3	1	4	3	3	1	9				M	M
MONW031S1	7/14/78	351	3	6	6	2	3	3	2	3	4	3	1	8			4	M	M
MONW032S1	7/14/78	351	8	6	9	9	6	1	3	4	4	3	1	5				M	M
MONW033S1	7/14/78	351	8	6	5	1	2	3	3	4	3	3	1	5				M	M
MONW034S1	7/14/78	351	8	6	9	9	6	1	3	4	4	3	1	5				M	M
MONW035S1	7/14/78	351	3	6	9	9	6	1	3	4	3	3	1	6				M	M
MONW036S1	7/14/78	351	3	6	6	1	2	3	2	4	3	3	1	5				M	M
MONW037S1	7/14/78	351	3	6	9	9	6	1	3	3	3	3	1	6				M	M
MONW038S1	7/14/78	351	3	6	6	1	3	3	1	4	3	3	1	7				M	M
MONW039S1	7/14/78	351	3	6	9	9	6	1	3	4	5	3	1	8				M	M
MONW040S1	7/15/78	351	3	6	9	9	6	1	3	4	3	3	1	5				M	M
MONW041S1	7/15/78	351	3	6	9	9	6	1	3	3	3	3	1	7				M	M
MONW042S1	7/15/78	351	3	6	9	9	6	1	3	4	4	3	1	11				M	M
MONW043S1	7/15/78	351	3	6	9	9	6	1	3	3	3	3	1	7				M	M
MONW044S1	7/15/78	351	3	6	9	9	6	1	3	4	3	3	1	8				M	M
MONW045S1	7/19/78	351	3	6	9	9	6	1	3	3	4	3	1	9			6	M	M
MONW046S1	7/19/78	351	3	6	9	9	6	1	3	4	3	3	1	6				M	M
MONW047S1	7/19/78	351	3	6	9	9	6	1	3	3	4	3	1	5				M	M
MONW048S1	7/14/78	349	3	6	9	9	6	1	3	2	3	2	1	8			6	M	M
MONW049S1	7/14/78	349	3	1	9	9	6	1	3	4	3	2	1	8			6	M	M
MONW050S1	7/14/78	349	3	8	6	3	3	1	2	3	3	2	1	7			6	M	M
MONW051S1	7/14/78	349	2	1	9	9	6	1	3	3	3	2	1	6				M	M
MONW052S1	7/14/78	349	4	8	9	9	6	1	3	4	3	2	1	9			6	M	M
MONW053S1	7/14/78	349	3	6	9	9	6	1	3	2	3	2	1	7			6	M	M
MONW054S1	7/15/78	349	5	8	9	9	6	1	3	2	3	2	1	5			6	M	M
MONW055S1	7/15/78	349	3	6	4	2	3	3	1	2	4	2	1	7		2		6	M
MONW056S1	7/15/78	349	3	8	4	1	2	3	3	2	3	1	1	7				6	M
MONW057S1	7/15/78	349	3	6	7	3	2	3	1	3	3	2	1	5				6	M
MONW058S1	7/15/78	349	2	1	9	9	6	1	3	3	3	2	1	9				6	M
MONW059S1	7/15/78	349	3	6	9	9	6	1	3	4	3	2	1	7				6	M
MONW060S1	7/15/78	349	3	6	5	2	1	3	4	3	3	2	1	5				6	M
MONW061S1	7/15/78	349	3	1	9	9	6	1	3	4	3	2	1	5				6	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPODATE	TEAM	SEDTYPE	SEDCOLOR	STHDEPTH	STHFLOW	STHLEVEL	STHCOLOR	STHCHANNEL	VEGETYPE	VEGDENS	RELIFT	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MONW062S1	7/19/78	351	3	4	9	9	6	1	6	3	4	3	1	5					
MONW063S1	7/19/78	351	3	4	9	9	6	1	6	3	4	3	1	5					
MONW064S1	7/19/78	351	3	6	9	9	6	1	6	3	4	3	1	6					
MONW065S1	7/19/78	351	3	6	9	9	6	1	6	3	4	3	1	5					
MONW066S1	7/19/78	351	3	4	9	9	6	1	6	3	3	3	1	6					
MONW067S1	7/19/78	351	3	6	4	1	2	2	1	1	4	3	1	6					
MONW068S1	7/20/78	350	4	1	9	9	6	1	6	1	4	2	1	5			6		
MONW069S1	7/20/78	350	4	1	9	9	6	1	6	1	4	2	1	6			6		
MONW070S1	7/20/78	350	4	7	9	9	6	1	6	1	4	2	1	3			6		
MONW071S1	7/20/78	350	4	1	4	2	2	2	2	1	4	2	1	7			6		
MONW072S1	7/20/78	350	4	1	9	9	6	1	6	1	4	2	1	6			6		
MONW073S1	7/21/78	350	4	1	6	3	2	3	2	1	4	2	1	6			6		
MONW074S1	7/21/78	350	4	1	3	2	2	2	1	2	4	2	1	6			6		
MONW075S1	7/21/78	350	4	1	5	2	2	2	1	1	4	2	1	5			6		
MONW076S1	7/21/78	350	4	1	5	2	2	2	2	1	4	2	1	6			6		
MONW077S1	7/21/78	350	4	1	9	9	6	1	6	1	4	2	1	5			6		
MOOR001S1	6/ 1/78	297	2	6	9	9	6	1	6	3	4	2	1	6					
MOOR002S1	6/ 1/78	297	3	1	9	9	6	1	6	3	3	2	1	5					
MOOR003S1	6/ 1/78	297	3	4	4	2	3	2	2	1	2	2	1	5					
MOOR004S1	6/ 1/78	297	2	7	9	9	6	1	6	3	3	2	1	6			6		
MOOR005S1	6/ 1/78	297	2	6	4	1	2	2	2	1	4	2	1	5					
MOOR006S1	6/ 1/78	297	3	6	5	3	2	2	2	1	3	2	1	5					
MOOR007S1	6/ 1/78	297	3	7	9	9	6	1	6	3	3	2	2	6					
MOOR008S1	6/ 1/78	297	3	1	9	9	6	1	6	3	3	2	2	5					
MOOR009S1	6/ 1/78	297	4	6	9	9	6	1	6	3	4	2	2	5					
MOOR010S1	6/ 1/78	297	1	7	9	9	6	1	6	3	4	2	2	5			6		
MOOR011S1	6/ 1/78	297	3	1	9	9	6	1	6	3	3	2	2	5					
MOOR012S1	6/ 1/78	297	3	1	9	9	6	1	6	3	4	2	2	5					
MOOR013S1	6/ 2/78	297	3	6	2	1	2	3	2	2	3	2	2	8			6		
MOOR014S1	6/ 3/78	297	3	6	4	3	2	3	2	1	2	2	2	5					
MOOR015S1	6/ 4/78	297	2	6	2	2	3	3	2	2	3	2	2	5			6		
MOOR016S1	6/ 4/78	297	3	6	5	3	4	3	2	1	3	2	1	5					
MOOR017S1	6/ 4/78	297	3	6	9	9	6	1	6	3	2	2	2	5					
MOOR018S1	6/ 4/78	297	3	6	9	9	6	1	6	3	3	2	2	5					
MOOR019S1	6/ 4/78	297	3	6	9	9	6	1	6	3	4	2	1	5					
MOOR020S1	6/ 4/78	297	3	6	4	3	3	3	2	1	3	4	1	5					
MOOR021S1	6/ 4/78	297	4	1	3	3	4	3	2	1	3	4	1	5					
MOOR022S1	6/ 4/78	297	2	1	9	9	6	1	6	3	4	2	1	5					
MOOR023S1	6/ 1/78	298	4	6	9	9	6	1	6	3	3	3	1	5					
MOOR024S1	6/ 1/78	298	4	6	9	9	6	1	6	3	2	2	1	5					
MOOR025S1	6/ 1/78	298	4	6	9	9	6	1	6	3	3	3	2	5					
MOOR026S1	6/ 1/78	298	4	4	9	9	6	1	6	3	3	3	2	5					
MOOR027S1	6/ 1/78	298	4	6	5	2	2	2	2	3	4	3	2	8			6		
MOOR028S1	6/ 1/78	298	6	4	9	9	6	1	6	3	2	2	2	5					
MOOR029S1	6/ 2/78	298	3	6	4	3	2	2	4	2	3	3	1	8			9		
MOOR030S1	6/ 2/78	298	4	6	5	2	1	2	4	2	3	3	1	9			6		
MOOR031S1	6/ 2/78	314	4	1	9	9	6	1	6	3	2	2	1	5					
MOOR032S1	6/ 2/78	298	4	6	5	2	3	2	2	2	3	3	1	10					
MOOR033S1	6/ 1/78	314	4	4	9	9	6	1	6	3	4	2	1	5					
MOOR034S1	6/ 2/78	298	4	6	9	9	6	1	6	3	2	3	1	5					

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMWDPTH	STMDEPTH	STMFLOWN	STMLEVEL	STMCOLOR	STMCHANL	VEGTTYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOOR035S1	6/ 2/78	298	4	6	9	9	6	1	6	3	2	3	3	1	5					
MOOR036S1	6/ 2/78	298	4	6	9	9	6	1	6	3	2	3	3	1	5					
MOOR037S1	6/ 2/78	298	5	6	7	4	4	3	1	2	2	3	3	1	12			6		
MOOR038S1	6/ 3/78	298	4	6	8	3	1	2	1	2	2	3	3	2	11					
MOPE001S1	10/23/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	
MOPE002S1	10/23/78	387	4	7	9	9	6	1	6	3	2	3	2	1	5				5	
MOPE003S1	10/23/78	387	4	7	9	9	6	1	6	3	4	3	2	1	5					
MOPE004S1	10/23/78	387	4	7	9	9	6	1	6	3	7	3	2	1	5				6	
MOPE005S1	10/23/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	
MOPE006S1	10/23/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				5	
MOPE007S1	10/24/78	387	4	6	9	9	6	1	6	3	4	2	2	1	5				6	
MOPE008S1	10/24/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5					
MOPE009S1	10/24/78	387	4	7	9	9	6	1	6	3	7	3	2	1	5				5	
MOPE010S1	10/24/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	
MOPE011S1	10/24/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5		5		6	
MOPE012S1	10/24/78	387	4	6	9	9	6	1	6	3	7	3	2	1	5				6	
MOPE013S1	10/24/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	
MOPE014S1	10/24/78	387	6	7	9	9	6	1	6	3	4	3	2	1	5		5		6	
MOPE015S1	10/24/78	387	4	3	9	9	6	1	6	3	3	4	2	1	5				6	
MOPE016S1	10/24/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	
MOPE017S1	10/24/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	
MOPE018S1	10/24/78	387	4	6	9	9	6	1	6	3	7	3	2	1	5				6	
MOPE019S1	10/24/78	387	4	6	9	9	6	1	6	3	7	3	2	1	5					
MOPE020S1	10/24/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	
MOPE021S1	10/24/78	397	4	6	9	9	6	1	6	3	7	3	2	1	5				6	
MOPE022S1	10/24/78	387	4	6	7	4	2	2	2	3	3	3	2	1	5				6	
MOPE023S1	10/24/78	387	7	7	5	3	1	2	3	3	2	3	2	1	5		5		6	
MOPE024S1	10/24/78	387	4	6	6	3	1	2	3	3	4	2	2	1	5				6	
MOPE025S1	10/24/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	
MOPE026S1	10/25/78	387	5	7	9	9	6	1	6	3	7	3	2	1	5				6	
MOPE027S1	10/25/78	387	4	6	9	9	6	1	6	3	7	3	2	1	5				6	
MOPE028S1	10/25/78	387	4	7	9	9	6	1	6	3	4	3	2	4	5				6	
MOPE029S1	10/25/78	387	7	7	6	4	2	3	3	3	4	3	2	3	5				6	
MOPE031S1	10/25/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	
MOPE032S1	10/25/78	387	6	7	9	9	6	1	6	3	7	3	2	1	5				6	
MOPE033S1	10/27/78	387	6	7	6	1	2	2	6	3	4	3	2	3	5				6	
MOPE034S1	10/27/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	
MOPE035S1	10/27/78	387	4	6	9	9	6	1	6	3	2	3	2	1	5				5	
MOPE036S1	10/27/78	387	4	3	9	9	6	1	6	3	2	3	2	1	5		6		5	
MOPE037S1	10/27/78	387	6	7	9	9	6	1	6	3	2	3	2	1	5				6	
MOPE038S1	10/27/78	387	6	7	6	4	1	2	4	3	4	3	2	1	5		5		6	
MOPE039S1	10/27/78	387	7	7	5	3	1	2	4	3	4	3	2	1	5				5	
MOPE040S1	10/27/78	387	7	7	5	2	1	2	3	3	2	3	2	1	5		6		5	
MOPE041S1	10/27/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	
MOPE042S1	10/27/78	387	6	7	4	1	1	2	3	3	4	3	2	1	5				6	
MOPE043S1	10/27/78	387	6	7	9	9	6	1	6	3	4	3	2	1	5				6	
MOPH001S1	12/ 2/78	369	8	6	9	9	6	1	6	1	2	3	3	2	5				2	
MOPH002S1	12/ 2/78	369	8	6	9	9	6	1	6	1	2	3	3	2	5				2	
MOPH003S1	12/ 2/78	369	8	6	9	9	6	1	6	1	2	4	3	2	5				2	

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STHDEPTH	STHDEPTH	STHFLOW	STHLEVEL	STHCOLOR	STHCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOPH004S1	12/ 2/78	369	8	6	9	9	6	1	6	1	4	2	4	2	5			6	2	H
MOPH005S1	12/ 2/78	369	8	6	9	9	6	1	6	1	2	4	3	2	5					H
MOPH006S1	12/ 2/78	369	8	6	9	9	6	1	6	1	2	4	4	2	5			2	2	H
MOPH007S1	12/ 2/78	369	8	6	9	9	6	1	6	1	2	4	4	2	5					H
MOPH008S1	12/ 2/78	369	8	6	5	2	3	3	1	1	2	2	3	1	7					H
MOPH009S1	12/ 5/78	369	8	6	5	3	3	3	1	1	4	2	3	1	5			6	2	H
MOPH010S1	12/ 5/78	369	4	6	9	9	6	1	6	1	2	3	3	1	5			2	6	H
MOPH011S1	12/ 5/78	369	8	1	7	4	4	4	1	1	2	3	3	1	5			2	6	H
MOPH012S1	12/ 5/78	369	8	6	4	3	3	3	1	1	2	3	4	1	5			6	2	H
MOPH013S1	12/ 5/78	369	3	6	7	3	3	3	1	1	2	4	3	1	5			1	2	H
MOPH014S1	12/ 5/78	369	3	6	4	3	3	3	1	1	2	3	3	1	5					H
MOPH015S1	12/ 5/78	369	2	6	9	9	6	1	6	1	2	3	3	1	5				6	H
MOPH016S1	12/ 5/78	369	2	6	9	9	6	1	6	1	4	2	3	1	5					H
MOPH017S1	12/ 5/78	369	8	6	9	9	6	1	6	1	4	2	2	1	5			6	6	H
MOPH018S1	12/ 5/78	369	2	6	9	9	6	1	6	2	2	3	4	1	5			6	6	H
MOPH019S1	12/ 5/78	369	2	6	7	4	3	3	1	1	2	3	4	1	5			6	2	H
MOPH020S1	12/ 5/78	369	2	6	9	9	6	1	6	2	2	3	4	1	5					H
MOPH021S1	12/ 5/78	369	2	6	9	9	6	1	6	1	2	3	4	1	5			6	2	H
MOPH022S1	12/ 5/78	369	8	6	9	9	6	1	6	1	4	2	3	1	5			2	6	H
MOPH023S1	12/ 5/78	369	8	6	9	9	6	1	6	1	2	2	2	1	5			6	2	H
MOPH024S1	12/ 5/78	369	8	6	9	9	6	1	6	1	2	3	3	1	5			2	6	H
MOPH025S1	12/ 5/78	369	8	6	9	9	6	1	6	1	2	3	3	1	5			2	6	H
MOPH026S1	12/ 5/78	369	8	6	9	9	6	1	6	1	4	2	3	1	5			2	6	H
MOPH027S1	11/ 5/78	369	8	6	9	9	6	1	6	1	4	2	2	1	5			6	6	H
MOPH028S1	12/ 5/78	369	8	6	9	9	6	1	6	1	2	3	2	1	5					H
MOPH029S1	12/ 5/78	369	8	6	9	9	6	1	6	1	4	2	3	1	5			2	6	H
MOPH030S1	12/ 5/78	369	8	6	9	9	6	1	6	1	2	3	3	1	5			6	6	H
MOPH031S1	12/ 5/78	369	8	6	9	9	6	1	6	1	2	3	3	1	5			2	6	H
MOPH032S1	12/ 5/78	369	8	6	9	9	6	1	6	1	2	3	3	1	5					H
MOPH033S1	12/ 6/78	369	8	6	9	9	6	1	6	1	2	3	3	2	5			2	6	H
MOPH034S1	12/ 6/78	369	8	6	9	9	6	1	6	1	4	2	3	2	5			2	6	H
MOPH035S1	12/ 6/78	369	8	6	9	9	6	1	6	1	2	4	3	2	5				9	H
MOPH036S1	12/ 6/78	369	8	6	9	9	6	1	6	1	4	2	2	2	5			6	2	H
MOPH037S1	12/ 6/78	369	8	6	9	9	6	1	6	1	4	2	3	2	5			6	6	H
MOPH038S1	12/ 6/78	369	8	6	9	9	6	1	6	1	4	2	3	2	5			6	6	H
MOPH039S1	12/ 6/78	369	8	6	4	3	3	2	1	1	4	2	3	2	5			6	6	H
MOPH040S1	12/ 6/78	369	8	6	7	4	3	3	1	1	2	3	3	2	5			6	6	H
MOPH041S1	12/ 6/78	369	8	6	9	9	6	1	6	1	4	2	3	2	5			6	6	H
MOPH042S1	12/ 6/78	369	8	6	9	9	6	1	6	1	2	3	3	2	5			6	6	H
MOPH043S1	12/ 6/78	369	8	6	9	9	6	1	6	1	2	3	3	2	5			6	6	H
MOPH044S1	12/ 6/78	369	8	6	9	9	6	1	6	1	4	3	3	2	5					H
MOPH045S1	12/ 6/78	369	8	6	7	3	3	3	1	1	4	3	2	2	5			6	2	H
MOPH046S1	12/ 6/78	369	8	6	9	9	6	1	6	1	2	3	3	2	5			6	6	H
MOPH047S1	12/ 6/78	369	8	6	6	3	3	3	1	1	4	2	3	2	5			6	6	H
MOPH048S1	12/ 6/78	369	8	6	9	9	6	1	6	1	4	2	3	2	5			6	6	H
MOPH049S1	12/ 6/78	369	8	6	6	3	3	2	1	1	4	2	2	2	5			6	6	H
MOPH050S1	12/ 6/78	369	8	6	9	9	6	1	6	1	2	3	2	2	5			6	6	H
MOPH051S1	12/ 6/78	369	8	6	9	9	6	1	6	1	2	3	3	2	5			2	6	H
MOPH052S1	12/ 6/78	369	8	6	9	9	6	1	6	1	4	1	2	2	5			2	6	H
MOPH053S1	12/ 7/78	369	8	6	9	9	6	1	6	1	4	2	2	6	5					H

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STHDEPTH	STHDEPTH	STHFLOW	STHLEVEL	STHCOLOR	STHCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOPH054S1	12/ 7/78	369	8	6	9	9	6	1	6	1	4	2	3	6	5			6	2	M
MOPH055S1	12/ 7/78	369	8	6	9	9	6	1	6	1	2	3	3	6	5			6	2	M
MOPH056S1	12/ 7/78	369	8	6	9	9	6	1	6	1	4	2	3	6	5			6	2	M
MOPH057S1	12/ 7/78	369	8	6	9	9	6	1	6	1	4	2	3	6	5			6	2	M
MOPH058S1	12/ 7/78	369	8	6	9	9	6	1	6	1	4	2	2	6	5			6	2	M
MOPH059S1	12/ 7/78	369	8	6	9	9	6	1	6	1	4	2	2	6	5			6	2	M
MOPH060S1	12/ 7/78	369	4	6	9	9	6	1	6	1	2	3	4	6	5				6	M
MOPH061S1	12/ 7/78	369	4	6	9	9	6	1	6	1	2	3	4	6	5			6	2	M
MOPH062S1	12/ 7/78	369	8	6	9	9	6	1	6	1	4	2	2	6	5			6	2	M
MOPH063S1	12/ 7/78	369	8	6	9	9	6	1	6	1	4	2	3	6	5			6	2	M
MOPH064S1	12/ 7/78	369	8	6	9	9	6	1	6	1	2	3	3	6	6			6	2	M
MOPH065S1	12/ 8/78	369	8	6	9	9	6	1	6	1	2	3	3	5	5			6	2	M
MOPH066S1	12/ 8/78	369	8	6	9	9	6	1	6	1	2	3	3	5	5			6	2	M
MOPH067S1	12/ 8/78	369	8	6	9	9	6	1	6	1	2	3	3	5	5			6	2	M
MOPH068S1	12/ 8/78	369	8	6	9	9	6	1	6	1	2	3	3	5	5			6	2	M
MOPH069S1	12/ 8/78	369	8	6	9	9	6	1	6	1	2	3	3	5	5			6	2	M
MOPH070S1	12/ 9/78	369	8	6	9	9	6	1	6	1	4	2	2	1	5			6	2	M
MOPH071S1	12/ 9/78	369	8	6	9	9	6	1	6	1	4	2	3	1	5			6	2	M
MOPH072S1	12/ 9/78	369	8	6	9	9	6	1	6	1	4	2	2	1	5			6	2	M
MOPH073S1	12/ 9/78	369	8	6	9	9	6	1	6	1	4	2	2	1	5			6	2	M
MOPH074S1	12/ 9/78	369	8	6	9	9	6	1	6	1	4	2	2	1	5			6	2	M
MOPH075S1	12/ 9/78	369	8	6	7	4	3	2	1	1	2	3	3	1	5			6	2	M
MOPR001S1	12/ 5/78	382	4	6	3	2	2	2	3	3	4	3	2	1	5			6	6	M
MOPR002S1	12/ 5/78	382	2	6	6	2	3	3	1	3	3	3	2	1	5			6	6	M
MOPR003S1	12/ 5/78	382	2	6	6	2	3	3	1	3	2	3	2	1	5			6	6	M
MOPR004S1	12/ 5/78	382	2	6	7	2	3	3	1	3	2	3	1	1	5			6	6	M
MOPR005S1	12/ 5/78	382	8	6	7	3	3	3	1	3	4	3	1	1	5			6	6	M
MOPR006S1	12/ 5/78	382	8	6	5	3	2	3	3	3	4	3	2	1	5			6	6	M
MOPR007S1	12/ 5/78	382	3	6	5	2	2	3	1	3	4	3	2	1	5			6	6	M
MOPR008S1	12/ 5/78	382	3	6	7	3	3	3	3	3	4	3	1	1	5			6	6	M
MOPR009S1	12/ 5/78	382	3	6	6	2	2	3	3	3	4	3	1	1	5			6	6	M
MOPR010S1	12/ 5/78	382	3	6	6	3	3	3	3	3	2	2	1	1	5			6	6	M
MOPR011S1	12/ 6/78	382	3	6	4	1	3	3	1	3	4	3	1	1	5			6	6	M
MOPR012S1	12/ 6/78	382	2	6	6	1	2	3	1	3	4	3	1	2	5			6	6	M
MOPR013S1	12/ 6/78	382	2	6	4	1	2	3	1	3	4	3	2	2	5			6	6	M
MOPR014S1	12/ 6/78	382	8	6	5	1	2	3	1	3	4	3	1	2	5			6	6	M
MOPR015S1	12/ 5/78	382	8	6	6	1	2	3	1	3	3	3	1	2	5			6	6	M
MOPR016S1	12/ 6/78	382	8	6	8	3	3	3	1	3	2	3	1	2	5			6	6	M
MOPR017S1	12/ 6/78	382	8	6	6	2	3	3	1	3	4	3	2	2	5			6	6	M
MOPR018S1	12/ 6/78	382	8	6	5	1	2	3	3	3	2	3	2	2	5			6	6	M
MOPR019S1	12/ 6/78	382	8	6	6	2	3	3	1	3	3	3	1	2	5			6	6	M
MOPR020S1	12/ 6/78	382	8	6	9	9	6	1	6	3	2	3	2	2	5			6	6	M
MOPR021S1	12/ 6/78	382	2	7	8	2	3	3	1	3	3	3	1	2	5			6	6	M
MOPR022S1	12/ 6/78	382	3	6	8	3	3	3	1	3	2	2	1	2	5			6	6	M
MOPR023S1	12/ 7/78	382	3	6	8	4	3	3	2	3	2	3	1	3	5			6	3	M
MOPR024S1	12/ 7/78	382	3	6	8	4	3	4	1	3	2	3	1	3	5			6	3	M
MOPR025S1	12/ 7/78	382	8	6	7	2	3	4	1	3	2	3	1	3	5			6	6	M
MOPR026S1	12/ 7/78	382	8	6	8	3	3	4	1	3	2	3	1	3	5			6	6	M
MOPR027S1	12/ 7/78	382	8	6	7	3	3	4	1	3	2	3	1	4	5			6	6	M
MOPR028S1	12/ 7/78	382	4	6	6	3	3	4	3	3	2	3	1	3	5			6	6	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STHDEPTH	STHFLOW	STHLEVEL	STHCOLOR	STHCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOPR029S1	12/ 7/78	382	8	6	7	3	3	4	3	2	3	1	3	5					
MOPR030S1	12/ 7/78	382	5	7	7	3	2	4	3	2	2	1	3	5					
MOPR031S1	12/ 7/78	382	5	7	5	3	3	4	3	2	3	1	3	5					
MOPR032S1	12/ 9/78	382	5	6	6	4	3	4	3	4	3	1	3	5			6		
MOPR033S1	12/ 9/78	382	5	6	6	3	3	4	3	2	3	1	3	5					
MOPR034S1	12/ 9/78	382	2	6	6	2	3	3	1	2	2	2	1	5			6		
MOPR035S1	12/ 9/78	382	3	6	5	2	3	3	3	2	3	2	1	5			6		
MOPR036S1	12/10/78	382	3	6	7	2	3	3	3	2	2	1	1	5			6		
MOPR037S1	12/10/78	382	3	6	7	3	3	3	3	2	3	1	1	5					
MOPR038S1	12/10/78	382	8	9	7	3	3	3	1	2	3	1	1	5					
MOPR039S1	12/10/78	382	3	6	6	1	3	3	1	4	3	1	1	5					
MOPR040S1	12/10/78	382	1	7	9	9	6	1	6	4	3	2	1	5			6		
MOPR041S1	12/10/78	382	5	6	9	9	6	1	6	4	3	1	1	5			6		
MOPR042S1	12/10/78	382	3	6	6	2	3	3	3	4	3	1	1	5			6		
MOPR043S1	12/10/78	382	3	6	6	2	2	3	3	4	3	2	1	5			6		
MOPR044S1	12/12/78	382	2	7	7	1	3	3	2	3	3	1	1	5			6		
MOPR045S1	12/12/78	382	3	6	5	1	3	3	1	4	3	1	1	5			6		
MOPR046S1	12/12/78	382	3	6	5	1	3	3	3	2	3	2	1	5					
MOPR047S1	12/12/78	382	6	7	8	4	2	3	3	2	3	2	1	5					
MOPR048S1	12/12/78	382	3	6	6	1	3	3	3	4	3	2	1	5					
MOPR049S1	12/12/78	382	2	6	5	1	3	3	3	2	3	2	1	5					
MOPR050S1	12/12/78	382	3	6	6	2	3	3	3	4	3	1	1	5			6		
MOPR051S1	12/12/78	382	3	6	6	1	2	3	2	4	3	1	1	5			6		
MOPR052S1	12/13/78	382	6	7	8	4	2	3	3	2	3	1	1	5					
MOPR053S1	12/13/78	382	6	7	5	2	2	3	2	4	3	1	1	5			6		
MOPR054S1	12/13/78	382	6	7	6	3	2	3	3	4	3	1	1	5			6		
MOPR055S1	12/13/78	382	6	7	6	3	2	3	1	4	3	1	1	5					
MOPR056S1	12/13/78	382	6	7	6	3	2	3	3	4	3	1	1	5			6		
MORE001S1	5/18/79	385	3	1	7	2	3	3	1	2	3	3	1	5					
MORE002S1	5/18/79	385	4	6	6	4	4	3	1	2	3	3	1	5					
MORE003S1	5/18/79	385	4	6	4	1	2	2	1	2	3	4	1	5			2		
MORE004S1	5/18/79	385	4	1	5	2	3	3	1	2	3	2	1	5					
MORE005S1	5/18/79	385	4	1	6	1	2	2	1	2	2	2	1	5			6		
MORE006S1	5/18/79	385	4	1	9	9	6	1	6	4	3	2	1	5			6		
MORE007S1	5/18/79	385	2	1	7	1	2	2	1	2	3	2	1	5					
MORE008S1	5/18/79	385	3	6	4	2	3	2	1	2	4	3	2	5					
MORE009S1	5/18/79	385	4	6	5	2	3	3	1	2	4	4	2	5					
MORE010S1	5/19/79	385	3	1	6	2	3	3	1	2	3	3	2	5					
MORE011S1	5/14/79	385	3	6	4	1	2	3	1	2	3	3	2	5					
MORE012S1	5/19/79	385	4	1	5	2	1	2	1	2	3	3	2	5					
MORE013S1	5/19/79	385	5	6	6	2	3	3	1	3	3	2	2	5			6		
MORE014S1	5/19/79	385	2	1	7	1	3	3	1	2	3	3	2	5			6		
MORE015S1	5/19/79	385	3	1	9	9	6	1	6	4	3	2	2	5			6		
MORE016S1	5/19/79	385	4	1	9	9	6	1	6	4	3	2	2	5					
MORE017S1	5/19/79	385	4	1	9	9	6	1	6	4	3	2	2	5			6		
MORE018S1	5/19/79	385	4	1	6	2	2	3	1	2	3	3	1	5			6		
MORE019S1	5/19/79	385	4	1	6	3	3	3	1	4	4	3	1	5			5		
MORE020S1	5/19/79	385	4	1	9	9	6	1	6	2	4	3	1	5					
MORE021S1	5/19/79	385	4	1	9	9	6	1	6	2	3	2	1	5					
MORE022S1	5/19/79	385	2	1	5	2	1	2	1	2	3	2	1	5			6		

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STHDEPTH	STHDEPTH	STHFLOW	STHLEVEL	STHCOLOR	STHCHANNEL	VEGTTYPE	VEGDENS	REFLECT	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MORE023S1	5/19/79	385	4	6	5	3	3	3	1	1	2	5	4	1	5					
MORE024S1	5/19/79	385	4	1	4	2	2	3	1	1	2	3	3	2	5					
MORE025S1	5/19/79	385	4	6	4	1	3	3	1	1	4	3	2	2	5			6		
MORE026S1	5/19/79	385	4	1	9	9	6	1	6	3	2	3	2	2	5			6		
MORE027S1	5/19/79	385	4	1	9	9	6	1	6	3	3	2	2	2	5			6		
MORE028S1	5/21/79	385	2	6	7	4	4	4	3	1	2	3	2	2	5					
MORE029S1	5/21/79	385	3	6	6	3	4	4	3	1	4	3	2	2	5					
MORE030S1	5/21/79	385	3	6	7	3	4	4	3	1	2	3	2	2	5			6		
MORE031S1	5/21/79	385	3	6	5	3	4	4	3	1	2	2	2	2	5			6		
MORE032S1	5/21/79	385	4	6	9	9	6	1	6	3	4	4	2	2	5			6		
MORE033S1	5/21/79	385	4	6	5	2	3	3	1	1	2	3	2	2	5			5		
MORE034S1	5/21/79	385	4	1	9	9	6	1	6	3	3	3	2	2	5			6		
MORE035S1	5/21/79	385	3	1	5	2	1	2	1	1	2	3	2	2	5					
MORE036S1	5/21/79	385	3	6	6	3	4	4	1	1	2	4	2	2	5			6		
MORE037S1	5/21/79	385	4	6	6	3	4	4	1	1	2	4	3	2	5			6		
MORE038S1	5/21/79	385	3	1	5	2	1	2	1	1	4	3	2	2	5			6		
MORE039S1	5/21/79	385	3	1	4	2	3	2	1	1	4	3	2	2	5			6		
MORE040S1	5/21/79	385	4	6	6	2	3	3	1	1	2	3	2	2	5			6		
MORE041S1	5/21/79	385	3	6	6	3	3	3	1	1	3	2	2	3	5			6		
MORE042S1	5/21/79	385	4	6	5	3	2	3	3	1	2	4	2	3	5			6		
MORE043S1	5/21/79	385	4	1	9	9	6	1	6	3	2	3	2	3	5			6		
MORE044S1	5/21/79	385	4	6	9	9	6	1	6	3	2	3	2	3	5					
MORE045S1	5/21/79	385	3	1	7	3	4	3	1	1	2	4	3	3	5					
MORE046S1	5/21/79	385	3	6	4	3	1	2	3	1	2	3	2	3	5			6		
MORE047S1	5/21/79	385	3	1	9	9	6	1	6	3	4	3	2	2	5			6		
MORE048S1	5/21/79	385	4	6	5	3	3	3	1	1	2	3	3	3	5					
MORE049S1	5/21/79	385	4	6	5	2	3	3	1	1	2	4	3	2	5			6		
MORE050S1	5/21/79	385	4	6	9	9	6	1	6	3	4	3	3	3	5			6		
MORE051S1	5/22/79	385	4	6	8	3	4	4	1	1	2	3	3	1	5					
MORE052S1	5/22/79	385	4	6	5	3	4	4	1	1	2	4	2	1	5					
MORE053S1	5/22/79	385	4	3	5	2	4	4	1	1	2	4	3	1	5					
MORE054S1	5/22/79	385	4	6	5	2	4	4	1	1	2	3	3	1	5			6		
MORE055S1	5/22/79	385	4	6	5	1	4	4	1	1	2	3	2	1	5			6		
MORE056S1	5/22/79	385	4	5	5	2	4	4	1	1	2	2	2	1	5			6		
MORE057S1	5/22/79	385	4	6	7	4	5	5	3	2	2	3	2	1	5					
MORE058S1	5/22/79	385	3	6	8	4	5	5	1	2	2	3	2	1	5			6		
MORE059S1	5/22/79	385	4	6	5	3	4	3	3	2	2	3	2	1	5			6		
MORE060S1	5/23/79	385	2	1	7	4	5	4	1	2	2	4	3	1	5			7		
MORE061S1	5/23/79	385	5	6	5	2	4	3	1	1	2	4	3	1	5			7		
MORE062S1	5/23/79	385	2	1	6	3	5	4	1	2	2	4	3	1	5			6		
MORE063S1	5/23/79	385	4	6	6	3	3	3	3	1	2	4	2	1	5					
MORE064S1	5/23/79	385	4	6	6	2	4	4	1	2	2	4	2	1	5			6		
MORE065S1	5/23/79	385	4	6	5	2	3	3	1	3	2	4	2	1	5					
MORE066S1	5/23/79	385	4	6	9	9	6	1	6	3	2	3	2	1	5					
MORE067S1	5/23/79	385	3	1	4	2	3	2	1	3	2	3	2	1	5			6		
MORE068S1	5/23/79	385	4	6	6	3	4	3	1	3	2	3	2	1	5					
MORE069S1	5/23/79	385	4	6	5	2	3	3	1	3	2	4	3	1	5					
MORE070S1	5/23/79	385	4	6	7	2	4	4	1	3	2	4	3	1	5					
MORE071S1	5/23/79	385	4	6	6	2	4	3	1	3	4	3	2	1	5			6		
MORE072S1	5/23/79	385	4	6	6	2	3	3	1	1	2	3	2	1	5			6		

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	S E D I M E N T T Y P E	S E D C O L O R	S T M H I D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	H E A T H E R	C O M P O S I T	C O N T A M N 1	C O N T A M N 2	C O N T A M N 3	C O N T A M N 4	W A T E R T E M P E R A T U R E
MORE073S1	5/23/79	385	4	6	4	3	4	1	1	3	3	3	1	5				6	
MORE074S1	5/23/79	385	4	6	7	3	5	1	2	2	3	3	1	5					
MORE075S1	5/24/79	385	4	6	6	2	3	1	3	2	2	2	1	5				6	
MORE076S1	5/24/79	385	4	6	6	2	4	1	3	2	4	3	1	5					
MORE077S1	5/24/79	385	4	6	6	2	4	1	3	2	3	3	1	5					
MORE078S1	5/24/79	385	4	6	6	2	3	1	3	2	4	2	1	5					
MORE079S1	5/24/79	385	4	6	5	2	2	1	1	2	3	2	1	5				6	
MORE080S1	5/24/79	385	4	6	5	2	4	1	3	2	4	3	1	5					
MORE081S1	5/24/79	385	4	6	6	2	3	1	3	2	3	2	1	5				6	
MORE082S1	5/24/79	385	4	6	6	1	4	1	1	2	4	3	1	5					
MORE083S1	5/24/79	385	3	6	5	3	4	1	2	3	3	3	1	5					
MORE084S1	5/24/79	385	2	1	6	3	4	1	1	2	4	3	1	5					
MORE085S1	5/24/79	385	4	6	6	2	3	1	1	2	4	3	1	5				5	
MORE086S1	5/24/79	385	4	6	5	2	3	1	1	3	2	1	1	5				6	
MORE087S1	5/24/79	385	4	1	6	3	4	1	1	2	4	3	1	5				6	
MORE088S1	5/24/79	385	4	6	6	3	2	3	1	2	4	3	1	5				6	
MORE089S1	5/24/79	385	4	6	5	2	3	1	3	2	3	2	1	5					
MORE090S1	5/24/79	385	4	6	6	2	3	1	1	2	3	3	1	5				6	
MORE091S1	5/24/79	385	4	6	6	3	3	1	1	2	3	3	1	5				6	
MORE092S1	5/24/79	385	4	1	5	2	3	1	1	4	3	3	1	5				6	
MORE093S1	5/24/79	385	4	6	6	3	3	1	1	2	3	3	1	5					
MORE094S1	5/24/79	385	2	1	7	3	3	1	3	2	3	3	1	5					
MORE095S1	5/24/79	385	3	6	5	3	4	3	2	2	4	3	1	5				3	
MORE096S1	5/24/79	385	4	1	7	2	3	1	1	2	3	3	1	5				6	
MORE097S1	5/28/79	385	4	6	9	9	6	6	3	2	4	3	1	5					
MORE098S1	5/28/79	385	4	6	5	2	3	1	1	2	3	3	1	5					
MOR1001S1	5/24/78	298	5	6	8	4	3	1	2	2	4	3	1	12					
MOR1002S1	5/24/78	298	5	6	5	3	3	1	2	2	3	2	1	10				4	
MOR1003S1	5/24/78	298	4	6	8	3	3	2	2	2	4	2	1	10				6	
MOR1004S1	5/24/78	298	5	6	6	2	2	5	2	3	3	2	1	8	7	6		4	
MOR1005S1	5/24/78	298	3	6	9	9	6	1	6	2	3	2	1	5					
MOR1006S1	5/24/78	298	3	6	9	9	6	1	6	2	4	3	1	8					
MOR1007S1	5/24/78	298	3	6	4	3	2	3	1	2	3	2	1	10				6	
MOR1008S1	5/25/78	298	4	6	9	9	6	1	6	4	3	3	1	12				6	
MOR1009S1	5/25/78	298	7	6	6	3	4	2	2	2	3	2	1	10				6	
MOR1010S1	5/25/78	298	4	6	8	3	3	2	1	4	3	2	1	12				6	
MOR1011S1	5/25/78	298	4	6	9	9	6	1	6	4	5	3	1	5					
MOR1012S1	5/25/78	298	4	4	9	9	6	1	6	4	4	2	1	5					
MOR1013S1	5/25/78	298	4	6	9	9	6	1	6	2	3	2	1	9					
MOR1014S1	5/25/78	298	4	6	4	2	1	2	5	3	4	2	1	10				6	
MOR1015S1	5/26/78	298	4	6	5	2	1	2	2	2	3	3	1	11				6	
MOR1016S1	5/26/78	298	5	6	8	4	2	3	2	2	2	3	1	11				6	
MOR1017S1	5/27/78	298	7	7	7	5	1	2	4	3	3	3	1	8				6	
MOR1018S1	5/27/78	298	4	4	9	9	6	1	6	2	3	3	1	9					
MOR1019S1	5/27/78	298	4	6	9	9	6	1	6	2	3	4	1	12					
MOR1020S1	5/23/78	297	3	6	2	2	3	2	1	2	3	2	1	5				6	
MOR1021S1	5/23/78	297	3	6	2	2	3	2	1	2	3	2	1	5				6	
MOR1022S1	5/24/78	297	3	6	2	2	3	1	1	2	3	2	1	5				6	
MOR1023S1	5/24/78	297	3	6	2	2	3	1	1	2	2	2	1	5				6	
MOR1024S1	5/24/78	297	6	6	9	9	6	1	6	2	3	1	1	5					

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMWIDTH	STMDEPTH	STMFLOW	STMLEVEL	STMCOLOR	STMCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOR1025S1	5/24/78	297	3	6	2	2	3	2	1	2	2	3	2	1	5				6	H
MOR1026S1	5/24/78	297	6	6	2	2	3	3	2	1	2	4	2	1	5				6	H
MOR1027S1	5/24/78	297	3	6	2	2	3	2	2	1	2	3	2	1	5				6	H
MOR1028S1	5/24/78	297	3	6	5	2	3	3	2	1	2	3	2	1	5				6	H
MOR1029S1	5/28/78	297	4	8	9	9	6	1	6	3	4	3	2	1	5					H
MOR1030S1	5/24/78	297	4	6	9	9	6	1	6	3	2	3	1	1	5					H
MOR1031S1	5/24/78	297	3	6	2	2	3	3	2	1	2	3	2	1	5			6		H
MOR1032S1	5/24/78	297	4	6	9	9	6	1	6	3	4	2	2	1	5					H
MOR1033S1	5/24/78	297	3	6	3	2	4	3	2	2	2	2	2	1	5					H
MOR1034S1	5/24/78	297	4	6	2	2	2	2	2	1	3	2	2	1	5					H
MOR1035S1	5/26/78	297	3	6	6	2	3	3	2	1	4	2	2	1	5					H
MOR1036S1	6/26/78	359	3	3	5	3	2	2	2	2	2	2	3	2	6			6		H
MOR1037S1	6/26/78	359	3	6	9	9	6	1	6	3	2	2	3	1	10			6		H
MOR1038S1	6/26/78	359	3	6	6	3	1	2	2	3	2	2	3	1	6			6		H
MOR1039S1	6/26/78	359	3	6	5	4	2	2	2	2	2	3	2	1	6			6		H
MOR1040S1	6/26/78	359	3	6	6	3	2	2	1	2	2	2	3	1	6			6		H
MOR1041S1	6/26/78	359	3	6	7	5	3	2	2	2	2	3	3	1	6			6		H
MOR1042S1	6/27/78	359	3	6	7	3	2	2	2	2	2	3	3	1	5			6		H
MOR1043S1	6/27/78	359	3	6	6	3	2	2	2	2	2	3	3	1	6			6		H
MOR1044S1	6/28/78	309	3	6	1	1	1	2	1	1	4	3	3	1	5			6		H
MOR1045S1	6/28/78	309	3	6	5	2	2	2	1	1	2	3	3	1	5			6		H
MOR1046S1	6/28/78	309	3	6	9	9	6	1	6	3	4	3	2	1	5			6		H
MOR1047S1	6/28/78	309	3	6	5	1	3	3	1	1	4	3	3	1	5			6		H
MOR1048S1	6/28/78	359	3	6	7	4	2	2	2	2	2	3	3	1	6		1	6		H
MOR1049S1	6/28/78	359	3	3	9	9	6	1	6	3	2	3	3	1	7			6		H
MOR1050S1	6/29/78	353	5	6	9	9	6	1	6	3	4	3	2	1	7			6		H
MOR1051S1	6/29/78	353	2	6	9	9	6	1	6	3	3	3	2	1	5			6		H
MOR1052S1	6/29/78	353	3	6	4	3	2	2	1	3	2	3	2	1	6					H
MOR1053S1	6/29/78	353	3	6	3	2	2	2	1	2	4	3	3	1	5			2		H
MOR1054S1	6/29/78	309	3	6	5	3	2	2	1	1	2	3	3	1	6			6		H
MOR1055S1	6/29/78	353	3	6	2	1	2	2	1	1	2	3	3	1	5			6		H
MOR1056S1	6/29/78	309	3	4	9	9	6	1	6	3	2	3	3	1	5			6		H
MOR1057S1	6/29/78	309	3	6	5	3	2	2	1	1	4	3	3	1	5			6		H
MOR1058S1	6/29/78	309	3	6	1	1	1	2	2	1	4	3	2	1	5			6		H
MOR1059S1	6/29/78	309	7	8	6	4	1	3	2	1	4	3	1	2	5			6		H
MOR1060S1	6/29/78	359	5	3	9	9	6	1	6	3	2	3	3	1	5					H
MOR1061S1	6/29/78	359	2	6	7	4	1	2	2	3	2	3	3	1	6			6		H
MOR1062S1	6/29/78	359	3	6	9	9	6	1	6	3	2	3	3	1	9					H
MOR1063S1	6/29/78	359	4	6	9	9	6	1	6	3	2	3	3	1	8					H
MOR1064S1	6/29/78	359	3	6	6	4	2	2	2	2	2	3	3	1	6			6		H
MOSD001S1	5/24/78	301	5	6	6	3	2	3	3	1	2	2	1	1	6			6		H
MOSD002S1	5/24/78	301	5	6	7	4	3	3	3	2	3	2	2	1	8			6		H
MOSD003S1	5/25/78	301	7	6	4	3	3	3	4	2	2	3	1	1	6					H
MOSD004S1	5/25/78	301	4	1	6	4	3	3	3	2	2	3	1	1	14					H
MOSD005S1	5/25/78	301	4	6	9	9	6	1	6	3	3	2	1	1	6					H
MOSD006S1	5/26/78	301	4	6	6	3	3	3	2	2	2	3	1	1	8					H
MOSD007S1	5/26/78	301	3	6	4	2	2	2	3	2	2	3	1	1	8					H
MOSD008S1	5/26/78	301	7	6	4	3	2	3	3	2	3	2	1	1	5					H
MOSD009S1	5/26/78	301	7	6	9	9	6	1	6	3	2	3	1	1	8					H
MOSD010S1	5/26/78	301	4	6	9	9	6	1	6	3	4	2	1	1	7			6		H

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMHIDTH	STMDEPTH	STMFLOWH	STMLEVEL	STMCOLOR	STMCHANL	VEGTTYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	CONTAMN6	WATERTEMP
MOSD011S1	5/26/78	301	4	6	4	3	2	3	3	2	3	2	1	1	8						
MOSD012S1	5/26/78	301	4	1	5	3	2	3	2	2	2	2	1	1	8						
MOSD013S1	5/26/78	301	4	1	5	3	4	3	1	2	2	3	1	1	10						
MOSD014S1	5/26/78	301	7	6	6	4	3	3	4	2	4	3	1	1	8						
MOSD015S1	5/26/78	301	5	6	6	4	2	3	4	2	3	2	1	2	12						
MOSD016S1	5/26/78	301	4	6	6	3	2	3	4	2	3	2	1	2	12						
MOSD017S1	5/27/78	301	3	6	9	9	6	1	6	3	2	4	1	1	6						
MOSD023S1	5/25/78	296	6	7	3	9	6	1	6	3	2	2	1	1	5				6		
MOSD024S1	5/25/78	296	4	7	4	3	2	2	2	1	2	2	1	1	5				6		
MOSD025S1	5/25/78	296	4	6	4	2	1	2	2	3	2	3	1	1	5		4		6		
MOSD026S1	5/25/78	296	6	6	3	2	1	2	2	1	2	2	2	1	5		5		6		
MOSD027S1	5/25/78	296	6	6	4	3	2	2	5	3	4	1	1	1	5				6		
MOSD028S1	5/25/78	296	6	6	4	2	1	2	5	3	2	2	1	1	5	4		5		6	
MOSD029S1	5/25/78	296	6	6	6	5	3	4	4	1	4	2	1	1	5				6		
MOSD030S1	5/26/78	296	6	6	4	3	1	2	4	1	4	2	1	1	5				6		
MOSD031S1	5/26/78	296	6	7	4	3	1	2	4	3	2	3	1	1	5		4		5		
MOSD032S1	5/26/78	296	4	6	4	3	2	2	2	3	2	3	1	1	5				4		
MOSD033S1	5/26/78	296	4	6	2	2	2	2	2	3	4	2	2	1	6				6		
MOSD034S1	5/26/78	296	5	6	4	3	2	2	3	3	4	2	1	1	5				6		
MOSD035S1	5/26/78	296	6	6	3	3	1	2	2	3	2	3	1	1	5			5		6	
MOSD036S1	5/26/78	296	4	6	4	3	1	2	2	3	2	3	1	1	5				6		
MOSD037S1	5/26/78	296	6	6	3	1	1	2	4	3	4	2	1	1	5				6		
MOSD038S1	5/26/78	296	5	7	6	5	4	4	3	1	4	2	1	1	5	4		5		6	
MOSD039S1	5/26/78	296	5	7	6	4	3	3	3	3	4	2	1	1	5				6		
MOSD040S1	5/26/78	296	5	7	2	2	1	2	4	3	4	2	1	1	5				6		
MOSD041S1	5/26/78	296	4	6	5	3	2	3	1	1	2	3	2	1	5				4		
MOSD042S1	5/26/78	296	5	6	4	2	4	2	1	3	2	4	1	1	5			6		5	
MOSD043S1	5/27/78	296	5	6	3	2	1	2	3	3	2	2	1	1	5				6		
MOSD044S1	5/27/78	296	6	7	4	2	1	2	3	3	4	2	1	1	5				6		
MOSD045S1	6/25/78	360	7	8	6	2	2	2	4	1	3	3	1	1	5				6		
MOSD046S1	6/25/78	360	4	6	7	2	2	2	4	3	3	3	1	1	6				6		
MOSD047S1	6/25/78	360	5	6	8	6	3	3	4	2	2	2	2	1	6				6		
MOSD048S1	6/25/78	360	7	7	6	4	2	2	4	2	2	2	1	1	6				6		
MOSD049S1	6/26/78	355	5	7	3	4	2	2	4	3	2	3	1	1	5				6		
MOSD050S1	6/26/78	355	6	7	4	3	1	2	3	3	2	3	1	1	10				6		
MOSD051S1	6/26/78	355	6	7	5	3	2	2	4	2	2	3	1	1	6				6		
MOSD052S1	6/26/78	355	6	7	4	3	2	2	4	3	2	3	1	1	10				6		
MOSD053S1	6/26/78	355	5	7	4	3	2	2	4	3	2	3	1	1	5				6		
MOSD054S1	6/26/78	355	5	7	3	3	2	2	4	3	2	3	1	1	5				6		
MOSD055S1	6/27/78	298	7	6	9	9	6	1	6	3	2	5	3	1	6						
MOSD056S1	6/27/78	298	7	6	9	9	6	1	6	3	3	3	3	1	5						
MOSD057S1	6/27/78	298	7	7	5	3	1	2	4	2	4	4	3	1	11				6		
MOSD058S1	6/27/78	298	7	7	5	4	1	2	4	2	4	3	3	1	11				6		
MOSD059S1	6/27/78	298	7	7	7	4	3	3	3	2	2	3	3	1	9				6		
MOSD060S1	6/27/78	298	4	1	9	9	6	1	6	3	2	3	3	1	6				6		
MOSD061S1	6/27/78	298	4	6	9	9	6	1	6	3	2	3	3	1	7				6		
MOSD062S1	6/27/78	314	5	6	5	2	1	2	4	1	7	3	1	1	5			9		6	
MOSD063S1	6/27/78	314	5	6	4	1	2	2	4	1	7	2	1	1	5				6		
MOSD064S1	6/27/78	314	3	1	6	3	1	3	4	2	4	2	1	1	7				6		
MOSD065S1	6/27/78	314	5	7	6	4	2	3	4	1	4	3	2	1	5				6		

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SED T Y P E	SED C O L O R	STH D I P T H	STH D E P T H	STH F L O W	STH L E V E L	STH C O L O R	STH C H A N L	VEG T Y P E	VEG D E N S	REL I E F	WEA T H E R	COM P O S I T	CON T A I N 1	CON T A I N 2	CON T A I N 3	CON T A I N 4	W A T E R T E M P
MOSD066S1	6/27/78	314	6	7	8	4	2	3	4	3	7	3	2	1	5				6	H
MOSD067S1	6/27/78	314	5	6	9	9	6	1	6	2	2	4	2	1	5				6	H
MOSD068S1	6/27/78	314	3	1	6	2	1	2	4	2	2	3	2	1	9				6	H
MOSD069S1	6/27/78	314	5	6	5	4	2	3	4	3	7	4	2	2	5				6	H
MOSD070S1	6/27/78	314	5	6	4	3	1	4	3	1	2	3	2	1	5				6	H
MOSD071S1	6/27/78	314	5	6	4	2	1	2	4	1	2	3	2	1	5				6	H
MOSD072S1	6/28/78	314	5	7	7	3	2	3	2	1	7	2	2	1	5				6	H
MOSD073S1	6/28/78	314	6	7	5	3	1	2	4	1	7	2	2	1	5				6	H
MOSD074S1	6/28/78	314	4	6	7	4	1	2	4	1	7	2	2	1	6				6	H
MOSD075S1	6/28/78	314	4	1	9	9	6	1	6	3	7	2	2	1	5				6	H
MOSD076S1	6/28/78	314	4	6	3	1	1	2	4	1	6	2	2	1	5				6	H
MOSD077S1	6/28/78	314	3	1	5	1	2	2	2	2	6	2	2	1	8			6	H	
MOSD078S1	6/28/78	314	3	1	5	1	1	2	3	2	2	3	2	1	6				6	H
MOSF001S1	12/ 1/78	376	3	6	5	2	3	3	1	2	2	3	2	1	5					H
MOSF002S1	12/ 1/78	376	3	6	6	2	3	3	1	2	2	3	2	1	5					H
MOSF003S1	12/ 1/78	376	3	6	7	2	3	3	1	2	2	3	2	1	5					H
MOSF004S1	12/ 1/78	376	3	6	6	3	3	3	1	2	2	3	2	1	5					H
MOSF005S1	12/ 1/78	376	7	6	6	2	3	3	1	2	2	3	2	1	5					H
MOSF006S1	12/ 1/78	376	5	6	6	2	3	3	1	2	2	4	2	1	5					H
MOSF007S1	12/ 1/78	376	3	6	9	9	6	1	6	2	2	3	2	1	5					H
MOSF008S1	12/ 1/78	376	3	6	6	2	3	3	1	2	2	3	2	1	5					H
MOSF009S1	12/ 1/78	376	3	6	6	2	3	3	1	2	2	3	2	1	5					H
MOSF010S1	12/ 2/78	376	3	6	6	3	3	3	1	2	2	3	2	1	5					H
MOSF011S1	12/ 2/78	376	4	6	9	9	6	1	6	2	2	3	2	1	5					H
MOSF012S1	12/ 2/78	376	3	6	5	2	2	3	1	2	2	3	2	3	5					H
MOSF013S1	12/ 2/78	376	5	6	9	9	6	1	6	2	4	3	2	2	5					H
MOSF014S1	12/ 3/78	376	4	6	5	3	1	2	1	2	4	3	2	1	5					H
MOSF015S1	12/ 3/78	376	4	6	6	3	3	3	1	2	2	3	2	2	5					H
MOSF016S1	12/ 3/78	376	4	6	6	3	3	3	1	2	2	3	2	1	5					H
MOSF017S1	12/ 3/78	376	3	6	5	3	3	4	1	2	2	3	2	2	5					H
MOSF018S1	12/ 4/78	376	5	6	9	9	6	1	6	2	4	3	2	2	5					H
MOSF019S1	12/ 4/78	376	3	6	5	3	3	3	1	2	4	3	2	1	5					H
MOSF020S1	12/ 4/78	376	3	6	9	9	6	1	6	2	4	2	2	1	5					H
MOSF021S1	12/ 4/78	376	5	6	9	9	6	1	6	2	2	3	2	1	5					H
MOSF022S1	12/ 4/78	376	3	6	7	3	3	3	1	2	2	3	2	1	5					H
MOSF023S1	12/ 4/78	376	3	6	6	2	3	3	1	2	2	3	2	1	5					H
MOSF024S1	12/ 4/78	376	3	6	6	2	3	3	1	2	2	3	2	1	5					H
MOSF025S1	12/ 4/78	376	4	6	9	9	6	1	6	2	4	4	2	1	5					H
MOSF026S1	12/ 5/78	376	3	6	5	2	3	3	1	2	2	3	2	1	5					H
MOSF027S1	12/ 5/78	376	3	6	5	2	3	3	1	2	4	4	2	1	5					H
MOSF028S1	12/ 5/78	376	3	6	6	2	3	3	1	2	2	3	2	1	5					H
MOSF029S1	12/ 5/78	376	4	6	7	4	3	3	1	2	2	3	2	1	5					H
MOSF030S1	12/ 5/78	376	8	6	4	1	3	3	1	2	4	3	2	1	5					H
MOSF031S1	12/ 5/78	376	4	6	5	2	3	3	1	2	2	3	2	1	5					H
MOSF032S1	12/ 6/78	376	3	6	6	2	3	3	1	2	2	3	2	1	5					H
MOSF033S1	12/ 6/78	376	5	6	7	3	2	3	1	2	2	3	2	1	5					H
MOSF034S1	12/ 6/78	376	3	6	4	3	2	2	1	2	2	3	2	1	5					H
MOSF035S1	12/ 6/78	376	3	6	5	2	2	3	1	2	2	3	2	1	5					H
MOSF036S1	12/ 5/78	376	3	6	7	3	3	3	1	2	4	3	2	1	5					H
MOSF037S1	12/ 5/78	376	3	6	9	9	6	1	6	2	2	4	2	2	5					H

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMDEPTH	STMDEPTH	STMFLOWH	STMLEVEL	STMCOLOR	STMCHAN	VEGTTYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOSF038S1	12/ 5/78	376	3	6	5	3	3	3	1	6	2	3	2	1	5					
MOSF039S1	12/ 5/78	376	3	6	9	9	6	1	6	2	2	4	2	1	5					
MOSF040S1	12/ 5/78	376	3	6	5	3	4	4	4	2	2	3	2	3	5					
MOSF041S1	12/ 5/78	376	3	6	7	3	4	4	4	2	2	3	2	3	5					
MOSF042S1	12/ 5/78	376	3	6	4	2	4	4	1	2	2	3	2	3	5					
MOSF043S1	12/ 5/78	376	3	6	5	2	3	4	1	2	4	3	2	3	5					
MOSF044S1	12/ 5/78	376	5	6	7	5	2	4	4	2	2	3	2	3	5					
MOSF045S1	12/ 5/78	376	4	6	6	4	2	4	4	2	2	3	2	3	5					
MOSF046S1	12/ 5/78	376	3	6	7	3	4	4	4	2	2	3	2	3	5					
MOSF047S1	12/ 5/78	376	3	6	7	3	3	4	1	2	2	3	2	3	5					
MOSF048S1	12/ 5/78	376	3	6	7	4	3	4	4	2	2	3	2	3	5					
MOSF049S1	12/ 5/78	376	3	6	5	2	3	4	1	2	2	3	2	3	5					
MOSF050S1	12/ 5/78	376	3	6	9	9	6	1	6	2	2	4	2	3	5					
MOSF051S1	12/ 5/78	376	3	6	7	3	3	4	4	2	4	3	2	3	5					
MOSG001S1	11/27/78	376	3	6	5	3	2	2	1	2	2	3	2	1	5					
MOSG002S1	11/27/78	376	3	6	6	3	3	3	1	2	2	3	2	1	5					
MOSG003S1	11/27/78	376	3	6	6	2	3	3	1	2	2	4	2	1	5					
MOSG004S1	11/27/78	376	4	1	7	4	4	4	2	2	2	3	2	2	5					
MOSG005S1	11/27/78	376	4	6	6	4	4	4	2	2	4	3	2	2	5					
MOSG006S1	11/27/78	376	4	6	7	4	4	4	2	2	4	3	2	3	5					
MOSG007S1	11/27/78	376	4	6	7	4	4	4	2	2	4	3	2	3	5					
MOSG008S1	11/27/78	376	4	6	4	3	3	4	4	2	2	3	2	3	5					
MOSG009S1	11/28/78	376	4	6	7	4	4	4	2	2	2	3	2	3	5					
MOSG010S1	11/28/78	376	4	6	7	4	4	4	2	2	2	3	2	3	5					
MOSG011S1	11/28/78	376	3	6	5	2	3	4	2	2	2	4	2	3	5					
MOSG012S1	11/28/78	376	3	6	7	3	4	4	1	2	2	4	2	1	5					
MOSG013S1	11/28/78	376	3	6	8	4	4	4	1	2	2	3	2	1	5					
MOSG014S1	11/28/78	376	3	6	7	3	4	4	1	2	2	3	2	1	5					
MOSG015S1	11/28/78	376	3	6	6	2	3	3	4	2	2	3	2	1	5					
MOSG016S1	11/28/78	376	5	6	8	5	3	4	4	2	2	3	2	1	5					
MOSG017S1	11/28/78	376	3	6	4	2	3	4	1	2	2	4	2	1	5					
MOSG018S1	11/28/78	376	4	6	7	4	4	4	1	2	2	3	2	1	5					
MOSG019S1	11/28/78	376	3	6	7	4	3	4	4	2	2	3	2	1	5					
MOSG020S1	11/28/78	376	3	6	6	2	3	3	1	2	2	4	2	1	5					
MOSG021S1	11/28/78	376	3	6	5	3	1	2	1	2	2	4	2	1	5					
MOSG022S1	11/28/78	376	3	6	5	2	3	3	1	2	2	3	2	1	5					
MOSG023S1	11/28/78	376	5	6	4	1	2	3	1	2	2	3	2	1	5					
MOSG024S1	11/29/78	376	3	6	5	2	3	3	1	2	2	3	2	1	5					
MOSG025S1	11/29/78	376	8	6	6	2	3	3	1	2	2	3	2	1	5					
MOSG026S1	11/30/78	376	4	6	6	3	2	3	1	2	2	3	2	1	5					
MOSG027S1	11/30/78	376	4	6	7	3	3	3	1	2	2	3	2	1	5					
MOSG028S1	11/30/78	376	3	6	5	2	3	4	1	2	2	3	2	1	5					
MOSG029S1	11/30/78	376	2	6	5	2	3	3	1	2	2	3	2	1	5					
MOSG030S1	11/30/78	376	3	6	6	3	4	4	4	2	2	3	2	1	5					
MOSG031S1	11/30/78	376	5	6	9	9	6	1	6	2	2	3	2	1	5					
MOSG032S1	11/30/78	376	8	6	4	2	3	3	1	2	2	3	2	1	5					
MOSG033S1	11/30/78	376	5	6	9	9	6	1	6	2	4	3	2	1	5					
MOSG034S1	11/30/78	376	3	6	4	2	2	2	1	2	2	3	2	1	5					
MOSG035S1	11/30/78	376	3	6	6	2	3	3	1	2	2	3	2	1	5					
MOSG036S1	11/30/78	376	3	6	5	2	3	3	1	2	2	3	2	1	5					

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STHDEPTH	STHFLOW	STHLEVEL	STHCOLOR	STHCHANNEL	VEGETYPE	VEGDEFS	RELIEF	WEATHER	COMPOSITION	CONTAMIN1	CONTAMIN2	CONTAMIN3	CONTAMIN4	WATERTEMP
MOSG037S1	11/30/78	376	4	6	6	3	3	3	1	2	4	2	1	5					
MOSG038S1	11/30/78	376	3	6	6	2	3	3	1	2	3	2	1	5					
MOSG039S1	12/ 1/78	376	3	6	7	3	3	3	1	2	3	2	1	5					
MOSG040S1	12/ 1/78	376	3	6	6	2	3	3	1	2	3	2	1	5					
MOSG041S1	12/ 1/78	376	3	6	5	2	3	3	1	2	3	2	1	5					
MOSG042S1	12/ 1/78	376	3	6	7	3	3	3	1	2	4	2	1	5					
MOSG043S1	12/ 1/78	376	3	6	7	2	3	3	1	2	4	2	1	5					
MOSG044S1	12/ 1/78	376	3	6	6	2	3	3	1	2	3	2	1	5					
MOSG045S1	12/ 1/78	376	3	6	4	2	2	3	1	2	3	2	1	5					
MOSG046S1	12/ 1/78	376	3	6	5	2	3	3	1	2	3	2	1	5					
MOSG047S1	12/ 1/78	376	3	6	6	3	3	3	1	2	3	2	1	5					
MOSG048S1	12/ 1/78	376	3	6	4	2	2	2	1	2	3	2	1	5					
MOSG049S1	12/ 1/78	376	3	6	7	3	3	3	1	2	3	2	1	5					
MOSG050S1	12/ 1/78	376	3	6	9	9	6	1	6	2	3	2	1	5					
MOSG051S1	12/ 3/78	376	4	6	5	2	1	3	1	2	3	2	1	5					
MOSG052S1	12/ 3/78	376	4	6	7	4	3	3	1	2	3	2	1	5					
MOSG053S1	12/ 3/78	376	5	6	9	9	6	1	6	2	3	2	1	5					
MOSG054S1	12/ 3/78	376	5	6	9	9	6	1	6	2	3	2	1	5					
MOSG055S1	12/ 3/78	376	3	6	9	9	6	1	6	2	3	2	1	5					
MOSG056S1	12/ 3/78	376	3	6	9	9	6	1	6	2	4	3	1	5					
MOSG057S1	12/ 3/78	376	4	6	9	9	6	1	6	2	4	3	1	5					
MOSG058S1	12/ 3/78	368	8	6	9	9	6	1	6	2	4	3	1	5					
MOSG059S1	12/13/78	376	3	6	9	9	6	1	6	2	3	2	1	5					
MOSG060S1	12/ 3/78	376	3	6	6	3	2	3	1	2	3	2	1	5					
MOSH001S1	12/ 8/78	376	3	6	8	3	2	3	1	2	3	2	2	5					
MOSH002S1	12/ 3/78	376	3	6	5	3	3	3	1	2	3	2	2	5					
MOSH003S1	12/ 8/78	376	3	6	9	9	6	1	6	2	3	2	2	5					
MOSH004S1	12/ 8/78	376	3	6	9	9	6	1	6	2	3	2	2	5					
MOSH005S1	12/ 8/78	376	3	6	9	9	6	1	6	2	3	2	1	5					
MOSH006S1	12/ 8/78	376	5	6	9	9	6	1	6	2	3	2	1	5					
MOSH007S1	12/ 8/78	376	5	6	5	3	1	3	4	4	3	2	1	5					
MOSH008S1	12/ 8/78	376	5	6	6	4	1	3	4	4	3	2	1	5					
MOSH009S1	12/ 9/78	376	3	6	9	9	6	1	6	2	4	3	1	5					
MOSH010S1	12/ 9/78	376	5	6	9	9	6	1	6	2	4	3	1	5					
MOSH011S1	12/ 9/78	376	3	6	9	9	6	1	6	2	3	2	1	5					
MOSH012S1	12/ 9/78	376	5	6	5	3	1	2	4	2	3	2	1	5					
MOSH013S1	12/ 9/78	376	5	6	9	9	6	1	6	2	4	3	1	5					
MOSH014S1	12/ 9/78	376	5	6	5	3	1	2	1	2	3	2	1	5					
MOSH015S1	12/ 9/78	376	3	6	9	9	6	1	6	2	4	3	1	5					
MOSH016S1	12/ 9/78	376	3	6	9	9	6	1	6	2	3	2	1	5					
MOSH017S1	12/ 9/78	376	3	6	5	3	2	2	1	2	5	2	1	5					
MOSH018S1	12/ 9/78	376	3	6	9	9	6	1	6	2	3	2	1	5					
MOSH019S1	12/ 9/78	376	3	6	9	9	6	1	6	2	4	3	1	5					
MOSH020S1	12/10/78	376	3	6	7	3	3	3	5	2	3	2	1	5					
MOSH021S1	12/10/78	376	3	6	7	3	4	3	1	2	3	2	1	5					
MOSH022S1	12/11/78	376	3	6	6	2	3	3	1	2	3	2	1	5					
MOSH023S1	12/11/78	376	3	6	5	2	2	3	1	2	4	2	1	5					
MOSH024S1	12/11/78	376	3	6	5	2	3	3	1	2	4	2	1	5					
MOSH025S1	12/11/78	376	5	6	9	9	6	1	6	2	3	2	1	5					
MOSH026S1	12/11/78	376	5	6	9	9	6	1	6	2	3	2	1	5					

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STHDEPTH	STHDEPTH	STHFLOW	STHLEVEL	STHCOLOR	STHCHANNEL	VEGTTYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOSH027S1	12/12/78	376	3	6	9	9	6	1	6	2	2	5	2	1	5					
MOSH028S1	12/12/78	376	5	6	9	9	6	1	6	2	2	5	2	1	5					
MOSH029S1	12/12/78	376	4	6	9	9	6	1	6	2	2	3	2	1	5					
MOSH030S1	12/12/78	376	5	6	9	9	6	1	6	2	1	3	2	1	5					
MOSH031S1	12/12/78	376	3	6	9	9	6	1	6	2	2	3	2	1	5					
MOSH032S1	12/12/78	376	3	6	9	9	6	1	6	2	2	3	2	1	5					
MOSH033S1	12/12/78	376	5	6	9	9	6	1	6	2	4	3	2	1	5					
MOSH034S1	12/12/78	376	5	6	9	9	6	1	6	2	2	4	2	1	5					
MOSH035S1	12/12/78	376	3	6	9	9	6	1	6	2	2	3	2	1	5					
MOSH036S1	12/12/78	376	3	6	9	9	6	1	6	2	2	3	2	1	5					
MOSH037S1	12/12/78	376	3	6	9	9	6	1	6	2	4	3	2	1	5					
MOSH038S1	12/12/78	376	3	6	9	9	6	1	6	2	2	3	2	1	5					
MOSH039S1	12/12/78	376	3	6	9	9	6	1	6	2	4	3	2	1	5					
MOSH040S1	12/12/78	376	3	6	9	9	6	1	6	2	2	3	2	1	5					
MOSH041S1	12/12/78	376	3	6	4	2	2	3	1	2	2	3	2	1	5					
MOSH042S1	12/13/78	376	3	6	3	2	2	2	1	2	2	3	2	1	5					
MOSH043S1	12/13/78	376	5	6	4	2	3	2	1	2	2	3	2	1	5					
MOSH044S1	12/12/78	369	8	6	9	9	6	1	6	1	4	2	3	1	5			6		
MOSH045S1	12/12/78	369	8	6	9	9	6	1	6	1	2	4	4	1	5			6	6	
MOSH046S1	12/12/78	369	8	6	9	9	6	1	6	1	2	4	4	1	5			6	6	
MOSH047S1	12/12/78	369	8	6	9	9	6	1	6	1	2	4	4	1	5			6	6	
MOSH048S1	12/12/78	369	8	6	9	9	6	1	6	1	4	3	2	1	5		6	2	6	
MOSH049S1	12/12/78	369	8	6	9	9	6	1	6	1	4	2	4	1	5		2	6	2	
MOSH050S1	12/13/78	369	8	6	9	9	6	1	6	1	2	3	4	1	5		6	6	2	
MOSH051S1	12/13/78	369	8	6	9	9	6	1	6	1	2	4	4	1	5					
MOSH052S1	12/13/78	369	8	6	9	9	6	1	6	1	2	4	4	1	5			6	9	
MOSH053S1	12/13/78	369	8	6	9	9	6	1	6	1	2	3	3	1	5		6	2	6	
MOSH054S1	12/13/78	369	8	6	9	9	6	1	6	1	2	4	3	1	5			6	6	
MOSH055S1	12/13/78	369	8	6	9	9	6	1	6	1	2	4	3	1	5			6	6	
MOSH056S1	12/13/78	369	8	6	9	9	6	1	6	1	2	4	4	1	5			6	6	
MOSH057S1	12/13/78	369	8	6	9	9	6	1	6	1	4	2	2	1	5		2	6	6	
MOSH058S1	12/15/78	369	8	6	9	9	6	1	6	1	2	3	2	1	5			6	2	
MOSH059S1	12/15/78	369	8	6	9	9	6	1	6	1	4	2	2	1	5			6	2	
MOSH060S1	12/15/78	369	8	6	9	9	6	1	6	1	4	2	3	1	5			6	2	
MOSH061S1	12/15/78	369	8	6	9	9	6	1	6	1	4	2	2	1	5		9	6	2	
MOSH062S1	12/15/78	369	8	6	9	9	6	1	6	1	2	4	3	1	5			6	2	
MOSH063S1	12/15/78	369	8	6	9	9	6	1	6	1	4	2	2	1	5			2	6	
MOSH064S1	12/15/78	369	8	6	9	9	6	1	6	1	4	3	4	1	5			2	6	
MOSH065S1	12/15/78	369	8	6	9	9	6	1	6	1	2	4	3	1	5			2	6	
MOSH066S1	12/15/78	369	8	6	9	9	6	1	6	1	4	1	2	1	5			2	6	
MOSH067S1	12/12/78	369	8	6	9	9	6	1	6	1	4	2	2	1	5			6	6	
MOSH068S1	12/15/78	369	8	6	9	9	6	1	6	1	4	2	4	1	5			6	6	
MOSH069S1	12/15/78	369	8	6	9	9	6	1	6	1	2	4	4	1	5			6	6	
MOSH070S1	12/13/78	376	3	6	5	3	3	3	1	2	4	3	3	1	5					
MOSH071S1	12/13/78	376	3	6	5	2	1	2	1	2	2	3	3	1	5					
MOSH072S1	12/13/78	376	3	6	9	9	6	1	6	2	4	4	2	1	5					
MOSH073S1	12/13/78	376	3	6	9	9	6	1	6	2	2	3	2	1	5					
MOSH074S1	12/13/78	376	3	6	7	4	3	3	1	2	2	3	2	1	5					
MOSH075S1	12/13/78	376	3	6	5	2	3	3	1	2	2	3	2	1	5					
MOSH076S1	12/13/78	376	3	6	6	3	4	3	1	2	2	3	2	1	5					

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SED TYPE	SEDCOLOR	STMH IDTH	STMH DEPTH	STMH FLOW	STMH LEVEL	STMH COLOR	STMH CHANNEL	VEG TYPE	VEG DENS	RELIEF	WEATHER	COMPOSIT	CONTAMN 1	CONTAMN 2	CONTAMN 3	CONTAMN 4	WATERTEMP
MOSH077S1	12/13/78	376	3	6	6	3	3	3	1	2	2	3	2	1	5					H
MOSH078S1	12/13/78	376	3	6	7	3	3	3	1	2	2	3	2	1	5					H
MOSH079S1	12/13/78	376	3	6	9	9	6	1	6	2	2	3	2	1	5					H
MOSH080S1	12/13/78	376	3	6	5	3	2	2	1	2	2	3	2	1	5					H
MOSH081S1	12/13/78	376	3	6	9	9	6	1	6	2	2	3	2	1	5					H
MOSH082S1	12/13/78	376	3	6	9	9	6	1	6	2	2	3	2	1	5					H
MOSH083S1	12/13/78	376	3	6	9	9	6	1	6	2	2	4	2	1	5					H
MOSH084S1	12/14/78	376	3	6	6	2	3	3	1	2	2	3	2	1	5					H
MOSH085S1	12/14/78	376	3	6	8	2	3	3	1	2	2	3	2	1	5					H
MOSH086S1	12/14/78	376	3	6	9	9	6	1	6	2	2	3	2	1	5					H
MOSH087S1	12/14/78	376	3	6	6	2	3	3	1	2	2	4	2	1	5					H
MOSH088S1	12/14/78	376	3	6	5	2	3	3	1	2	2	3	2	1	5					H
MOSH089S1	12/14/78	376	3	6	7	3	3	3	1	2	2	3	2	1	5					H
MOSH090S1	12/14/78	376	5	6	6	3	1	2	1	2	4	3	2	1	5					H
MOSH091S1	12/14/78	376	3	6	9	9	6	1	6	2	4	3	2	1	5					H
MOSH092S1	12/14/78	376	3	6	6	3	3	3	1	2	2	3	2	1	5					H
MOSH093S1	12/14/78	376	3	6	9	9	6	1	6	2	2	3	2	1	5					H
MOSH094S1	12/14/78	376	3	6	9	9	6	1	6	2	2	4	2	1	5					H
MOSH095S1	12/14/78	376	3	6	7	4	3	3	1	2	2	4	2	1	5					H
MOSH096S1	12/12/78	369	8	6	9	9	6	1	6	1	2	4	2	1	5			2		H
MOSH097S1	12/12/78	369	8	6	9	9	6	1	6	1	2	3	2	1	5		2	6		H
MOSH098S1	12/12/78	369	8	6	9	9	6	1	6	1	2	3	3	1	5		2	6		H
MOSH099S1	12/12/78	369	8	6	9	9	6	1	6	1	2	3	2	1	5			6		H
MOST001S1	11/20/78	382	4	7	8	5	2	3	3	3	2	3	1	2	5				6	H
MOST002S1	11/20/78	382	4	7	7	2	2	3	1	3	4	3	1	2	7				6	H
MOST003S1	11/20/78	382	4	7	7	3	2	3	1	3	4	3	1	2	5				6	H
MOST004S1	11/20/78	382	4	7	7	3	2	3	1	3	4	3	1	2	5				6	H
MOST005S1	11/20/78	382	8	6	5	2	2	3	3	3	4	3	1	2	5				6	H
MOST006S1	11/20/78	382	4	7	7	2	2	3	3	3	2	3	1	2	5				6	H
MOST007S1	11/20/78	382	8	7	7	5	2	3	3	3	3	3	1	2	5				6	H
MOST008S1	11/20/78	382	4	9	7	3	2	3	3	3	4	3	1	1	5				6	H
MOST009S1	11/20/78	382	4	6	8	2	2	3	2	3	4	3	1	2	6				6	H
MOST010S1	11/20/78	382	4	7	8	4	2	3	2	3	2	3	1	2	5				6	H
MOST011S1	11/21/78	382	8	9	7	1	1	2	3	3	3	3	1	2	5				6	H
MOST012S1	11/21/78	382	4	8	7	2	2	3	1	3	4	3	1	2	6				6	H
MOST013S1	11/21/78	382	4	7	6	3	2	3	3	3	3	3	1	2	7				6	H
MOST014S1	11/21/78	382	8	7	7	4	2	3	3	3	3	3	1	2	5				6	H
MOST015S1	11/21/78	382	8	5	7	3	2	3	3	3	3	3	1	1	5				6	H
MOST016S1	11/21/78	382	6	6	9	9	6	1	6	3	3	3	1	2	5		6		5	H
MOST017S1	11/21/78	382	8	7	7	3	2	3	3	3	3	3	1	2	5				6	H
MOST018S1	11/22/78	382	4	7	6	3	2	3	3	3	4	3	1	3	5				6	H
MOST019S1	11/22/78	382	4	6	9	9	6	1	6	3	3	3	1	3	5				6	H
MOST020S1	11/22/78	382	4	7	7	3	2	3	3	3	4	3	1	3	6				6	H
MOST021S1	11/22/78	382	4	7	6	3	2	3	3	3	4	3	1	3	5				6	H
MOST022S1	11/22/78	382	4	7	7	3	2	3	3	3	4	3	1	3	6				6	H
MOST023S1	11/22/78	382	8	7	6	1	1	2	2	3	3	3	1	3	5				6	H
MOST024S1	11/22/78	382	6	7	5	1	2	2	3	3	3	3	1	3	5				6	H
MOST025S1	11/22/78	382	4	7	8	4	2	3	3	3	3	3	1	3	5				6	H
MOST026S1	11/22/78	382	6	7	7	3	2	3	3	3	4	3	1	3	6				6	H
MOST027S1	11/27/78	382	6	7	7	4	2	3	3	3	3	3	1	2	5				6	H

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

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SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMWDPTH	STMDFLOW	STMFLVFL	STMCOLOR	STMCHANEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOST028S1	11/25/78	382	4	7	8	5	3	4	3	3	3	1	4	5				5	M
MOST029S1	11/26/78	382	4	6	8	5	3	4	3	3	3	1	4	6				6	M
MOST030S1	11/26/78	382	4	6	8	5	4	4	3	3	3	1	4	5				6	M
MOST031S1	11/26/78	382	4	6	7	4	3	4	3	7	3	1	4	5				6	M
MOST032S1	11/26/78	382	4	7	6	3	3	4	3	4	3	1	4	5				6	M
MOST033S1	11/26/78	382	4	6	8	5	3	4	3	4	3	1	4	5				6	M
MOST034S1	11/26/78	382	6	7	7	5	3	4	3	3	3	1	2	5				6	M
MOST035S1	11/26/78	382	4	6	6	3	3	4	3	3	3	1	2	5				6	M
MOST036S1	11/27/78	382	8	7	7	4	2	4	3	3	3	1	2	5				6	M
MOST037S1	11/27/78	382	6	6	8	4	2	4	3	3	3	1	2	5				6	M
MOST038S1	11/27/78	382	6	7	6	3	2	3	3	3	3	1	1	5				6	M
MOST039S1	11/27/78	382	8	9	6	4	2	4	3	3	3	1	2	5				6	M
MOST040S1	11/27/78	382	4	6	4	2	3	3	3	7	3	2	2	5				6	M
MOST041S1	11/27/78	382	4	6	4	1	3	3	2	3	3	2	2	5				6	M
MOST042S1	11/28/78	382	4	7	7	4	2	4	3	4	3	1	1	5		6		2	M
MOST043S1	11/28/78	382	8	9	4	1	2	3	3	4	3	1	1	5				6	M
MOST044S1	11/28/78	382	4	6	4	3	2	3	3	4	3	1	1	6				6	M
MOST045S1	11/28/78	382	6	9	6	3	2	4	3	2	3	1	1	5				6	M
MOST046S1	11/28/78	382	5	6	3	1	2	4	3	4	3	1	1	5				6	M
MOST047S1	11/29/78	382	8	9	3	1	2	2	1	4	3	1	1	5				6	M
MOST048S1	11/29/78	382	8	9	4	2	2	3	3	4	3	1	1	5				6	M
MOST049S1	11/29/78	382	6	7	3	2	2	3	3	4	3	1	1	5				6	M
MOST050S1	11/29/78	382	8	9	4	2	2	3	3	4	3	1	1	5				6	M
MOST051S1	11/29/78	382	6	7	4	2	2	3	3	3	3	1	1	5				6	M
MOST052S1	11/29/78	382	6	7	0	4	2	3	3	3	3	1	1	5				6	M
MOST053S1	11/29/78	382	6	7	4	2	3	4	3	4	3	1	1	6				6	M
MOST054S1	11/29/78	382	8	9	5	2	2	3	3	4	3	1	1	5				6	M
MOST055S1	11/29/78	382	8	9	6	2	3	3	3	2	3	1	1	5				3	M
MOST056S1	11/29/78	382	2	7	8	3	3	2	3	2	3	1	1	5				6	M
MOTE001S1	5/ 1/79	385	4	1	9	9	6	1	6	3	2	2	1	5				6	M
MOTE002S1	5/ 1/79	385	4	1	5	2	3	3	1	4	3	2	1	5				6	M
MOTE003S1	5/ 1/79	385	4	1	5	2	3	3	1	2	2	3	1	5				6	M
MOTE004S1	5/ 1/79	385	5	6	9	9	6	1	6	3	2	3	1	5				6	M
MOTE005S1	5/ 1/79	385	8	1	6	2	3	3	1	2	3	2	1	5				6	M
MOTE006S1	5/ 1/79	385	2	3	5	1	1	2	1	2	3	2	1	5				6	M
MOTE007S1	5/ 1/79	385	4	3	9	9	0	1	6	3	2	3	1	5				6	M
MOTE008S1	5/ 1/79	385	4	1	6	3	3	3	1	2	3	3	1	5				6	M
MOTE009S1	5/ 1/79	385	8	6	6	2	3	3	3	2	3	2	1	5				6	M
MOTE010S1	5/ 1/79	385	4	1	5	2	2	2	4	3	2	2	1	5				6	M
MOTE011S1	5/ 1/79	385	4	1	7	3	3	3	3	2	3	2	1	5				6	M
MOTE012S1	5/ 1/79	385	4	1	5	2	2	3	1	2	3	2	1	5				6	M
MOTE013S1	5/ 1/79	385	4	1	9	9	6	1	6	3	4	4	1	5					M
MOTE014S1	5/ 1/79	385	4	1	6	3	3	3	1	3	4	4	1	5					M
MOTE015S1	5/ 1/79	385	4	6	5	1	1	2	1	3	3	4	1	5					M
MOTE016S1	5/ 1/79	385	4	1	6	2	3	3	1	3	3	4	1	5					M
MOTE017S1	5/ 1/79	385	4	1	5	3	2	3	1	3	2	4	1	5					M
MOTE018S1	5/ 1/79	385	4	6	5	3	3	3	1	3	3	3	1	5					M
MOTE019S1	5/ 2/79	385	4	1	7	4	3	3	1	3	4	3	4	5				6	M
MOTE020S1	5/ 2/79	385	4	3	7	4	3	3	1	3	3	3	3	5				6	M
MOTE021S1	5/ 2/79	385	8	6	5	1	4	3	3	4	3	3	3	5				6	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPO	DATE	TEAM	SED TYPE	SED COLOR	STM DEPTH	STM FLOW	STM LEVEL	STM COLOR	STM CHANNEL	VEG TYPE	VEG DENS	REL IEFT	HEA THER	C OMP O S I T	C O N T A M N 1	C O N T A M N 2	C O N T A M N 3	C O N T A M N 4	W A T E R T E M P
MOTE022S1	5/	2/79	385	8	3	6	2	4	3	1	2	3	4	5				6	M	
MOTE023S1	5/	2/79	385	4	3	6	2	3	1	2	2	3	4	3	5			6	M	
MOTE024S1	5/	2/79	385	8	3	5	2	3	1	3	4	3	3	5				6	M	
MOTE025S1	5/	2/79	385	4	6	6	2	3	1	3	2	3	3	5				6	M	
MOTE026S1	5/	2/79	385	8	6	6	2	3	1	3	2	3	3	5				6	M	
MOTE027S1	5/	2/79	385	8	3	5	2	3	1	3	2	3	3	5				6	M	
MOTE028S1	5/	2/79	385	8	6	6	2	4	3	1	4	3	3	5				6	M	
MOTE029S1	5/	2/79	385	8	6	5	2	3	1	3	2	3	3	5				6	M	
MOTE030S1	5/	2/79	385	4	6	9	9	6	1	6	2	3	3	5					M	
MOTE031S1	5/	2/79	385	8	6	9	9	6	1	6	2	3	3	5				6	M	
MOTE032S1	5/	2/79	385	8	6	5	1	2	2	1	4	3	3	5				6	M	
MOTE033S1	5/	2/79	385	8	6	8	3	5	4	3	2	3	3	5				6	M	
MOTE034S1	5/	2/79	385	8	6	5	2	3	2	3	4	3	2	5				6	M	
MOTE035S1	5/	2/79	385	8	6	5	2	3	3	3	4	3	2	5				6	M	
MOTE036S1	5/	4/79	385	8	6	6	1	4	3	1	4	3	2	5				6	M	
MOTE037S1	5/	4/79	385	4	6	7	4	4	4	3	2	3	3	5				6	M	
MOTE038S1	5/	4/79	385	4	6	7	3	4	4	1	2	2	3	5				6	M	
MOTE039S1	5/	4/79	385	8	6	5	2	4	4	3	2	3	3	5				6	M	
MOTE040S1	5/	4/79	385	4	6	5	2	4	4	3	4	3	3	5				6	M	
MOTE041S1	5/	4/79	385	8	7	6	3	5	4	1	2	2	3	5				6	M	
MOTE042S1	5/	4/79	385	8	6	5	1	4	4	1	2	3	3	5				6	M	
MOTE043S1	5/	4/79	385	8	6	5	3	4	4	3	2	3	3	5				6	M	
MOTE044S1	5/	4/79	385	4	6	7	3	4	4	1	4	3	3	5				6	M	
MOTE045S1	5/	4/79	385	4	6	6	3	3	3	3	2	2	2	5				6	M	
MOTE046S1	5/	4/79	385	4	6	6	2	3	3	3	2	2	2	5				6	M	
MOTE047S1	5/	4/79	385	4	6	6	2	4	4	1	2	3	3	5				6	M	
MOTE048S1	5/	4/79	385	4	6	6	3	3	3	1	2	3	3	5				6	M	
MOTE049S1	5/	4/79	385	4	6	5	2	3	3	1	4	3	3	5				6	M	
MOTE050S1	5/	4/79	385	4	6	7	3	3	4	1	4	3	3	5				6	M	
MOTE051S1	5/	4/79	385	4	6	6	3	4	4	1	2	3	3	5				6	M	
MOTE052S1	5/	4/79	385	4	6	5	2	3	4	1	2	3	3	5				6	M	
MOTE053S1	5/	4/79	385	4	6	7	3	4	4	1	2	3	3	5				6	M	
MOTE054S1	5/	5/79	385	4	6	9	9	6	1	6	2	3	2	5				6	M	
MOTE055S1	5/	5/79	385	5	6	5	2	3	3	1	2	3	2	5				6	M	
MOTE056S1	5/	5/79	385	4	1	6	2	3	3	1	2	4	3	5					M	
MOTE057S1	5/	5/79	385	8	6	9	9	6	1	6	2	4	3	5					M	
MOTE058S1	5/	5/79	385	4	6	5	2	3	3	1	7	3	3	5					M	
MOTE059S1	5/	5/79	385	8	6	6	4	3	3	1	2	4	4	5					M	
MOTE060S1	5/	5/79	385	4	6	4	1	3	3	1	4	3	3	5				6	M	
MOTE061S1	5/	5/79	385	4	6	9	9	6	1	6	2	4	4	5				6	M	
MOTE062S1	5/	5/79	385	5	6	5	1	2	3	2	4	3	2	5				6	M	
MOTE063S1	5/	5/79	385	4	6	9	9	6	1	6	2	3	3	5					M	
MOTE064S1	5/	5/73	385	5	6	5	1	1	2	2	2	2	3	5				6	M	
MOTE065S1	5/	5/79	385	5	6	4	2	2	3	2	4	3	2	5				6	M	
MOTE066S1	5/	5/79	385	5	6	4	2	2	3	2	4	3	2	5				6	M	
MOTE067S1	5/	5/79	385	4	6	6	3	3	3	1	4	3	2	5				6	M	
MOTE068S1	5/	5/79	385	4	6	9	9	6	1	6	2	3	3	5					M	
MOTE069S1	5/	5/79	385	4	6	5	2	3	3	1	4	3	3	5				6	M	
MOTE070S1	5/	5/79	385	4	6	6	3	4	4	1	2	3	3	5					M	
MOTE071S1	5/	5/79	385	4	6	5	2	3	3	1	2	3	3	5				6	M	

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SED T Y P E	SED C O L O R	STM H I D T H	STM D E P T H	STM F L O W	STM L E V E L	STM C O L O R	STM C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M N 1	C O N T A M N 2	C O N T A M N 3	C O N T A M N 4	W A T E R T E M P
MOTE072S1	5/ 5/79	385	4	6	5	2	2	3	1	3	4	3	3	1	5				6	M
MOTE073S1	5/ 5/79	385	4	6	7	4	4	4	1	2	2	2	3	1	5					M
MOTE074S1	5/ 5/79	385	4	6	6	2	4	4	1	3	2	3	3	1	5					M
MOTE075S1	5/ 5/79	385	4	6	6	3	4	4	1	2	2	3	3	1	5					M
MOTE076S1	5/ 5/79	385	4	6	6	3	4	3	1	3	2	3	3	1	5					M
MOTE077S1	5/ 5/79	385	4	6	5	2	4	4	1	2	2	3	3	1	5					M
MOTE078S1	5/ 5/79	385	4	6	5	2	4	3	1	3	2	3	3	1	5					M
MOTE079S1	5/ 6/79	385	8	1	6	3	3	3	1	3	7	3	4	1	5					M
MOTE080S1	5/ 6/79	385	8	2	5	2	3	3	1	2	2	3	3	1	5					M
MOTE081S1	5/ 6/79	385	4	6	5	3	3	3	1	1	2	3	4	1	5					M
MOTE082S1	5/ 6/79	385	8	6	7	3	4	4	1	2	2	3	3	1	5			6		M
MOTE083S1	5/ 6/79	385	8	6	7	3	3	4	1	3	2	3	3	1	5			6		M
MOTE084S1	5/ 6/79	385	8	6	6	3	4	4	1	2	2	3	3	1	5					M
MOTE085S1	5/ 6/79	385	4	6	7	3	4	4	1	2	2	3	4	1	5					M
MOTE086S1	5/ 6/79	385	4	6	6	3	4	4	1	2	2	3	3	1	5			6		M
MOTE087S1	5/ 6/79	385	4	6	6	3	3	4	1	3	2	3	3	1	5					M
MOTE088S1	5/ 6/79	385	8	3	5	2	3	3	1	3	2	3	3	1	5			6		M
MOTE089S1	5/ 6/79	385	5	6	5	2	3	3	1	3	2	3	3	1	5					M
MOTE090S1	5/ 6/79	385	4	6	7	3	4	4	1	2	2	3	3	1	5			6		M
MOTE091S1	5/ 6/79	385	4	6	7	2	3	3	1	3	2	3	3	1	5					M
MOTE092S1	5/ 6/79	385	8	7	8	3	4	4	1	2	4	3	3	1	5					M
MOTE093S1	5/ 6/79	385	4	6	6	2	3	4	1	3	2	3	3	1	5			6		M
MOTE094S1	5/ 6/79	385	4	6	7	3	4	4	1	2	2	3	3	1	5			6		M
MOTE095S1	5/ 6/79	385	6	7	5	3	3	4	1	3	2	3	3	1	5			6		M
MOTE096S1	5/ 6/79	385	8	6	6	2	4	4	1	3	2	3	3	1	5			6		M
MOTE097S1	5/ 6/79	385	4	6	6	3	2	3	1	1	2	3	3	1	5					M
MOTE098S1	5/ 6/79	385	6	6	4	3	3	3	1	1	4	3	2	1	5			6		M
MOTE099S1	5/ 6/79	385	8	6	7	3	4	4	1	3	2	3	3	1	5					M
MOTE100S1	5/ 6/79	385	4	6	7	3	3	4	1	1	2	3	3	1	5					M
MOTE101S1	5/ 6/79	385	4	6	8	3	4	4	1	1	2	3	2	1	5			6		M
MOTE102S1	5/ 6/79	385	4	6	6	2	3	4	1	3	4	3	3	1	5			6		M
MOTE103S1	5/ 7/79	385	4	6	7	4	3	4	1	1	2	3	3	1	5			6		M
MOTE104S1	5/ 7/79	385	4	1	9	9	6	1	6	3	2	3	3	1	5					M
MOTE105S1	5/ 7/79	385	8	6	9	9	6	1	6	3	4	3	3	1	5			6		M
MOTE106S1	5/ 7/79	385	4	4	8	3	4	4	1	3	2	3	4	1	5					M
MOTE107S1	5/ 7/79	385	4	6	9	9	6	1	6	3	2	3	4	1	5					M
MOTE108S1	5/ 7/79	385	4	6	7	3	3	4	3	2	2	3	3	1	5					M
MOTE109S1	5/ 7/79	385	8	6	8	3	4	4	1	3	2	4	4	1	5					M
MOTE110S1	5/ 7/79	385	4	6	6	3	3	3	1	3	2	3	3	1	5					M
MOTE111S1	5/ 7/79	385	4	6	5	2	4	3	1	2	2	3	2	1	5			6		M
MOTE112S1	5/ 7/79	385	8	6	5	2	4	4	1	3	4	3	2	1	5			6		M
MOTE113S1	5/ 7/79	385	8	6	5	2	3	3	1	3	2	3	3	1	5			6		M
MOTE114S1	5/ 7/79	385	4	6	6	4	3	4	1	2	2	3	3	1	5					M
MOTE115S1	5/ 7/79	385	4	6	5	3	3	3	1	1	2	3	2	1	5					M
MOTE116S1	5/ 7/79	385	8	6	5	2	3	3	1	3	2	3	2	1	5			6		M
MOTE117S1	5/ 7/79	385	4	6	6	3	3	3	1	1	2	3	2	1	5			6		M
MOTE118S1	5/ 7/79	385	8	6	6	3	4	4	1	2	2	3	3	1	5			6		M
MOTE119S1	5/ 7/79	385	2	6	6	3	4	3	1	3	2	3	2	1	5			6		M
MOTE120S1	5/ 7/79	385	2	6	5	2	3	3	1	3	2	3	3	1	5			6		M
MOTE121S1	5/ 8/79	385	2	6	6	3	3	4	1	3	2	3	2	1	5			6		M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SED TYPE	SED COLOR	STM DEPTH	STM FLOW	STM LEVEL	STM COLOR	STM CHANNEL	VEG TYPE	VEG DENS	REL LIFT	WEA THER	COM POSIT	CON TAMN1	CON TAMN2	CON TAMN3	CON TAMN4	WAT ERTEM
MOTE122S1	5/ 8/79	385	4	6	5	2	3	1	3	2	3	3	1	5					M
MOTE123S1	5/ 8/79	385	4	6	5	2	3	1	3	2	3	4	1	5					M
MOTE124S1	5/ 8/79	385	3	6	7	3	4	4	1	2	3	2	1	5			6		M
MOTE125S1	5/ 8/79	385	2	6	5	3	4	4	1	2	2	3	1	5			6		M
MOTE126S1	5/ 8/79	385	2	6	6	3	4	3	1	2	3	4	1	5					M
MOTE127S1	5/ 8/79	385	4	6	8	3	4	4	1	2	3	3	1	5			6		M
MOTE128S1	5/ 8/79	385	3	6	5	2	4	3	1	3	2	4	1	5					M
MOTE129S1	5/ 8/79	385	4	6	6	3	3	3	1	3	3	3	1	5			6		M
MOTE130S1	5/ 8/79	385	4	6	5	1	1	2	4	3	3	3	1	5					M
MOTE131S1	5/ 8/79	385	4	1	9	9	6	1	6	3	3	3	2	5			6		M
MOTE132S1	5/ 8/79	385	4	6	7	3	4	4	1	3	3	2	1	5					M
MOTE133S1	5/ 8/79	385	4	6	7	2	3	3	1	2	3	2	1	5			6		M
MOTE134S1	5/ 8/79	385	2	6	9	9	6	1	6	3	3	2	1	5			6		M
MOTE135S1	5/ 8/79	385	4	1	9	9	6	1	6	3	2	3	1	5			6		M
MOTE136S1	5/ 8/79	385	4	6	9	9	6	1	6	3	3	2	1	5			6		M
MOTE137S1	5/ 8/79	385	4	6	9	9	6	1	6	3	3	3	1	5			6		M
MOTE138S1	5/ 8/79	385	4	1	9	9	6	1	6	3	3	4	1	5					M
MOTE139S1	5/ 8/79	385	2	6	4	1	2	2	1	4	3	3	1	5			6		M
MOTE140S1	5/ 8/79	385	2	1	9	9	6	1	6	3	3	3	1	5					M
MOTE141S1	5/ 8/79	385	4	6	5	3	4	4	1	3	3	2	1	5					M
MOWS001S1	12/ 1/78	387	4	3	5	3	2	2	1	3	3	2	2	5			5		M
MOWS002S1	12/ 1/78	387	2	3	4	3	2	2	1	3	3	2	2	5			5		M
MOWS003S1	12/ 1/78	387	7	7	5	4	2	2	2	3	3	2	2	5			5		M
MOWS004S1	12/ 1/78	387	2	3	7	4	3	2	1	3	3	2	1	5		6			M
MOWS005S1	12/ 1/78	387	8	6	7	4	3	2	1	3	3	2	1	5			6		M
MOWS006S1	12/ 1/78	387	8	6	7	3	2	2	1	3	3	2	1	5			6		M
MOWS007S1	12/ 1/78	387	7	7	6	2	2	2	1	3	3	2	1	5			5		M
MOWS008S1	12/ 1/78	387	6	3	9	9	6	1	6	3	3	2	1	5					M
MOWS009S1	12/ 1/78	387	3	2	7	3	2	3	1	3	3	2	1	5					M
MOWS010S1	12/ 1/78	387	2	2	5	3	2	2	1	3	3	2	1	5			6		M
MOWS011S1	12/ 2/78	387	4	6	6	2	2	2	1	3	3	2	1	5			6		M
MOWS012S1	12/ 2/78	387	4	2	7	3	2	2	1	3	3	2	1	5			6		M
MOWS013S1	12/ 2/78	387	4	6	9	9	6	1	6	3	3	2	1	5			6		M
MOWS014S1	12/ 2/78	387	4	6	9	9	6	1	6	3	3	2	1	5			6		M
MOWS015S1	12/ 2/78	387	4	6	5	2	2	2	1	3	3	2	1	5			6		M
MOWS016S1	12/ 2/78	387	4	2	9	9	6	1	6	3	3	2	1	5			6		M
MOWS017S1	12/ 3/78	387	4	6	6	2	2	3	1	3	3	2	1	5			6		M
MOWS018S1	12/ 3/78	387	4	2	9	9	6	1	6	3	3	2	1	5			6		M
MOWS019S1	12/ 3/78	387	3	2	9	9	6	1	6	3	3	2	1	5			6		M
MOWS020S1	12/ 3/78	387	4	6	9	9	6	1	6	3	3	2	1	5			6		M
MOWS021S1	12/ 3/78	387	2	3	7	4	2	2	1	3	3	2	1	5			6		M
MOWS022S1	12/ 3/78	387	6	3	6	2	2	2	1	3	3	2	1	5			6		M
MOWS023S1	12/ 3/78	387	4	3	5	3	2	2	1	3	3	2	1	5			6		M
MOWS024S1	12/ 3/78	387	4	3	5	2	2	2	1	3	3	2	1	5			6		M
MOWS025S1	12/ 4/78	387	2	3	7	4	2	3	1	3	3	2	1	5			6		M
MOWS026S1	12/ 4/78	387	4	2	5	3	2	3	1	3	3	2	1	5			6		M
MOWS027S1	12/ 4/78	387	3	6	5	3	2	2	1	3	3	2	1	5					M
MOWS028S1	12/ 4/78	387	3	2	5	2	2	2	1	3	3	2	1	5			6		M
MOWS029S1	12/ 4/78	387	4	2	9	9	6	1	6	3	3	2	1	5			6		M
MOWS030S1	12/ 4/78	387	4	2	4	3	2	2	1	3	3	2	1	5			6		M

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TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SED T Y P E	SED C O L O R	STM H I D I T H	STM D E P T H	STM F L O W	STM L E V E L	STM C O L O R	STM C H A N G E	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M I N 1	C O N T A M I N 2	C O N T A M I N 3	C O N T A M I N 4	C O N T A M I N 5	W A T E R T E M P E R A T U R E
MONS031S1	12/ 4/78	387	4	3	5	3	2	2	1	6	3	3	2	1	5				6	6	H
MONS032S1	12/ 4/78	387	3	2	9	9	6	1	6	3	4	3	2	1	5			5	6	6	H
MONS033S1	12/ 4/78	387	2	2	5	3	2	2	1	3	4	3	2	1	5				6	6	H
MONS034S1	12/ 5/78	387	4	6	7	4	2	3	1	3	4	3	2	1	5				6	6	H
MONS035S1	12/ 5/78	387	2	6	7	4	2	2	1	3	2	3	2	1	5				6	6	H
MONS036S1	12/ 5/78	387	4	2	5	3	2	2	1	3	2	3	2	2	5				6	6	H
MONS037S1	12/ 5/78	387	4	2	6	3	2	2	1	3	2	3	2	2	5				6	6	H
MONS038S1	12/ 5/78	387	4	3	4	2	2	2	1	3	4	3	2	2	5				6	6	H
MONS039S1	12/ 5/78	387	4	6	9	9	6	1	6	3	2	3	2	3	5				6	6	H
MONS040S1	12/ 5/78	387	4	2	6	4	2	2	1	3	4	3	2	3	5				6	6	H
MONS041S1	12/ 5/78	387	2	2	5	3	2	2	1	3	2	3	2	3	5				6	6	H
MONS042S1	12/ 5/78	387	2	2	5	3	2	3	1	3	4	3	2	2	5				6	6	H
MONS043S1	12/ 5/78	387	2	2	6	3	2	3	1	3	2	3	2	2	5				6	6	H
MONS044S1	12/ 5/78	387	3	2	5	3	2	2	1	3	2	3	2	2	5				6	6	H
MONS045S1	12/ 5/78	387	2	2	7	3	2	2	1	3	2	3	2	2	5				6	6	H
MONS046S1	12/ 5/78	387	4	2	9	9	6	1	6	3	2	3	2	2	5				6	6	H
MONS047S1	12/ 6/78	387	2	2	5	3	2	2	1	3	4	3	2	5	5				6	6	H
MONS048S1	12/ 6/78	387	3	6	5	3	2	2	1	3	4	3	2	5	5				6	6	H
MONS049S1	12/ 6/78	387	1	6	5	3	2	2	1	3	2	3	2	5	5				6	6	H
MONS050S1	12/ 6/78	387	3	6	5	3	2	2	1	3	2	3	2	5	5				6	6	H
MONS051S1	12/ 6/78	387	4	2	6	3	2	2	1	3	2	3	2	5	5				6	6	H
MONS052S1	12/ 6/78	387	4	6	7	4	2	2	1	3	2	3	2	1	5				6	6	H
MONS053S1	12/ 6/78	387	4	6	6	3	2	2	1	3	2	3	2	1	5				6	6	H
MONS054S1	12/ 6/78	387	4	6	5	3	2	2	1	3	2	3	2	1	5			2	6	6	H
MONS055S1	12/ 6/78	387	4	6	9	9	6	1	6	3	2	3	2	1	5				6	6	H
MONS056S1	12/ 6/78	387	4	6	7	2	2	2	1	3	2	3	2	1	5				6	6	H
MONS057S1	12/ 7/78	387	4	6	5	3	2	2	1	3	2	3	2	1	5				6	6	H
MONS058S1	12/ 7/78	387	4	6	5	3	2	2	1	3	4	3	2	1	5				6	6	H
MONS059S1	12/ 7/78	387	4	2	9	9	6	1	6	3	2	3	2	1	5				6	6	H
MONS060S1	12/ 7/78	387	4	6	9	9	6	1	6	3	2	3	2	1	5				6	6	H
MONS061S1	12/ 7/78	387	4	2	5	3	2	2	1	3	2	3	2	1	5				6	6	H
MONS062S1	12/ 8/78	387	4	6	5	3	2	2	1	3	3	3	2	1	5				6	6	H
MONS063S1	12/ 8/78	387	6	7	9	9	6	1	6	3	2	3	2	1	5				6	6	H
MONS064S1	12/ 8/78	387	4	6	5	3	2	2	1	3	2	3	2	1	5				6	6	H
MONS065S1	12/ 8/78	387	4	2	7	3	2	2	1	3	2	3	2	1	5				6	6	H
MONS066S1	12/ 8/78	387	4	6	9	9	6	1	6	3	2	3	2	1	5				6	6	H
MONS067S1	12/ 8/78	387	4	2	5	3	2	2	1	3	2	3	2	1	5				6	6	H
MONS068S1	12/10/78	387	4	6	9	9	6	1	6	3	2	3	2	1	5				6	6	H
MONS069S1	12/10/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	6	H
MONS070S1	12/10/78	387	4	2	6	3	2	2	1	3	2	3	2	1	5				6	6	H
MONS071S1	12/10/78	387	4	6	9	9	6	1	6	3	2	3	2	1	5				6	6	H
MONS072S1	12/10/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	6	H
MONS073S1	12/10/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	6	H
MONS074S1	12/10/78	387	4	2	7	3	2	2	1	3	4	3	2	1	5				6	6	H
MONS075S1	12/11/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	6	H
MONS076S1	12/11/78	387	4	6	9	9	6	1	6	3	2	3	2	1	5				6	6	H
MONS077S1	12/11/78	387	4	6	9	9	6	1	6	3	4	3	2	1	5				6	6	H
MONS078S1	12/11/78	387	4	6	7	3	2	2	1	3	4	3	2	1	5				6	6	H
MONS079S1	12/11/78	387	4	2	7	2	2	2	1	3	4	3	2	1	5				6	6	H
MONS080S1	12/11/78	387	4	6	6	2	2	3	3	3	2	3	2	1	5				6	6	H

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMWIDTH	STMDEPTH	STMFLOW	STMLEVEL	STMCOLOR	STMCHANNEL	VEGTTYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOHS001S1	12/11/78	387	4	6	9	9	6	1	6	3	2	3	2	1	5				6	H
MOHS002S1	12/12/78	387	4	6	7	4	2	3	1	3	2	3	2	1	5				6	H
MOHS003S1	12/12/78	387	4	6	6	4	3	3	1	3	4	3	2	1	5				6	H
MOHS004S1	12/12/78	387	4	6	5	3	2	2	1	3	2	3	2	1	5				6	H
MOHS005S1	12/12/78	387	4	6	9	9	6	1	6	3	2	3	2	1	5				6	H
MOHS006S1	12/12/78	387	4	2	5	2	2	2	1	3	4	3	2	1	5				6	H
MOHS007S1	12/12/78	387	4	3	7	3	2	2	1	3	4	3	2	1	5				6	H
MOHS008S1	12/12/78	387	4	2	9	9	6	1	6	3	4	3	2	1	5				6	H
MOHY001S1	12/17/78	376	3	6	6	3	2	3	1	2	4	3	2	1	5					H
MOHY002S1	12/17/78	376	3	6	5	3	3	3	1	2	2	4	2	1	5					H
MOHY003S1	12/17/78	377	3	6	5	3	3	3	1	2	2	3	2	1	5					H
MOHY004S1	12/17/79	376	3	6	9	9	6	1	6	2	2	3	2	1	5					H
MOHY005S1	12/17/78	376	3	6	7	3	3	3	1	2	2	3	2	1	5					H
MOHY006S1	12/17/78	376	3	6	7	3	3	3	1	2	2	3	2	1	5					H
MOHY007S1	12/17/78	376	3	6	5	2	3	3	1	2	2	3	2	1	5					H
MOHY008S1	12/17/78	376	3	6	8	3	2	2	1	2	2	3	2	1	5					H
MOHY009S1	12/17/78	376	3	6	9	9	6	1	6	2	2	3	2	1	5					H
MOHY010S1	12/17/78	376	3	6	6	3	3	3	1	2	2	3	2	1	5					H
MOHY011S1	12/17/78	376	5	6	5	3	2	3	1	2	2	3	2	1	5					H
MOHY012S1	12/17/78	376	3	6	7	3	2	3	1	2	4	2	2	1	5					H
MOHY013S1	12/17/78	376	3	6	6	3	3	3	1	2	2	4	2	1	5					H
MOHY014S1	12/17/78	376	3	6	5	2	3	3	1	2	2	3	2	1	5					H
MOHY015S1	12/17/78	376	3	6	7	3	3	3	1	2	2	3	2	1	5					H
MOHY016S1	12/17/78	376	3	6	5	3	2	3	1	2	2	3	2	1	5					H
MOHY017S1	12/17/78	376	3	6	7	4	3	3	1	2	2	3	2	1	5					H
MOHY018S1	12/17/78	376	3	6	7	3	3	2	1	2	2	3	2	1	5					H
MOHY019S1	12/17/78	376	3	6	6	3	3	3	1	2	2	3	2	1	5					H
MOHY020S1	5/30/79	385	4	1	7	2	3	3	1	1	2	3	2	1	5					H
MOHY021S1	5/25/79	385	4	6	6	2	3	3	1	1	2	4	3	1	5					H
MOHY022S1	5/25/79	385	4	1	6	1	3	3	1	1	2	3	2	1	5					H
MOHY023S1	5/25/79	385	4	6	6	1	2	3	1	1	4	3	2	1	5			6		H
MOHY024S1	5/25/79	385	4	6	9	9	6	1	6	3	2	2	2	1	5			6		H
MOHY025S1	5/25/79	385	4	6	5	1	1	2	1	1	2	3	3	1	5			6		H
MOHY026S1	5/25/79	385	4	1	9	9	6	1	6	3	2	3	2	1	5			6		H
MOHY027S1	5/25/79	385	4	1	9	9	6	1	6	3	2	3	2	1	5			6		H
MOHY028S1	5/25/79	385	4	6	7	3	2	3	1	1	2	3	2	1	5			6		H
MOHY029S1	5/25/79	385	4	6	6	2	2	2	1	1	2	3	2	1	5			6		H
MOHY030S1	5/25/79	385	4	6	6	1	2	2	1	1	4	3	2	1	5			6		H
MOHY031S1	5/25/79	385	4	6	5	2	2	2	1	1	2	3	3	1	5					H
MOHY032S1	5/25/79	385	6	6	6	4	1	2	4	3	4	4	3	1	5			6		H
MOHY033S1	5/25/79	385	6	6	5	2	2	2	5	2	2	4	3	1	5					H
MOHY034S1	5/25/79	385	3	6	4	1	2	2	1	1	4	3	2	1	5			6		H
MOHY035S1	5/25/79	385	4	1	6	2	2	2	1	1	2	3	3	1	5			6		H
MOHY036S1	5/25/79	385	2	6	5	1	2	3	5	2	2	3	3	1	5					H
MOHY037S1	5/25/79	385	2	3	9	9	6	1	6	3	2	4	2	1	5					H
MOHY038S1	5/25/79	385	4	6	4	3	3	3	1	1	2	3	3	1	5			6		H
MOHY039S1	5/25/79	385	4	6	7	3	3	3	1	1	2	4	3	1	5					H
MOHY040S1	5/25/79	385	4	6	6	3	3	3	1	1	4	3	3	1	5					H
MOHY041S1	5/26/79	385	4	6	5	2	3	3	1	1	2	4	3	1	5			6		H
MOHY042S1	5/26/79	385	4	6	6	4	3	3	1	3	2	4	3	1	5					H

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

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SRL I.D.	SAMPDATE	TEAM	SED TYPE	SED COLOR	STM DEPTH	STM FLOW	STM LEVEL	STM COLOR	STM CHANNEL	VEG TYPE	VEG DENS	REL LIFE	WEA THER	COM POSIT	CON TAMN1	CON TAMN2	CON TAMN3	CON TAMN4	WAT ERTE
MOHY043S1	5/26/79	385	4	6	9	6	3	3	6	2	3	3	1	5					H
MOHY044S1	5/26/79	385	3	6	5	2	3	3	1	2	4	3	1	5					H
MOHY045S1	5/26/79	385	4	6	7	2	3	3	1	2	2	3	1	5			2	6	H
MOHY046S1	5/26/79	385	4	6	6	3	3	3	1	2	2	3	1	5					H
MOHY047S1	5/26/79	385	4	6	9	9	6	1	6	2	4	3	1	5					H
MOHY048S1	5/26/79	385	3	1	6	2	3	3	1	2	3	2	1	5					H
MOHY049S1	5/26/79	385	3	1	9	9	6	1	6	2	4	3	1	5				6	H
MOHY050S1	5/26/79	385	3	1	9	9	6	1	6	4	4	2	1	5				6	H
MOHY051S1	5/26/79	385	3	1	7	2	3	3	1	2	4	2	1	5					H
MOHY052S1	5/26/79	385	4	6	5	3	3	3	1	2	2	3	1	5				6	H
MOHY053S1	5/26/79	385	4	6	5	3	3	3	1	2	4	3	1	5					H
MOHY054S1	5/26/79	385	4	6	9	9	6	1	6	2	3	3	1	5					H
MOHY055S1	5/26/79	385	4	1	9	9	6	1	6	2	3	2	1	5				6	H
MOHY056S1	5/26/79	385	3	6	6	1	3	3	1	2	3	3	1	5				6	H
MOHY057S1	5/26/79	385	4	1	6	2	3	3	1	4	3	3	1	5				6	H
MOHY058S1	5/26/79	385	3	6	6	2	3	3	1	3	3	3	1	5				6	H
MOHY059S1	5/26/79	385	3	1	9	9	6	1	6	2	3	3	1	5					H
MOHY060S1	5/26/79	385	3	1	7	3	3	3	1	2	4	3	1	5					H
MOHY061S1	5/26/79	385	4	6	7	3	3	3	1	2	4	3	1	5					H
MOHY062S1	5/26/79	385	3	1	5	2	3	3	1	2	3	2	1	5				6	H
MOHY063S1	5/25/79	385	4	6	5	2	3	3	1	4	3	2	1	5				6	H
MOHY064S1	5/28/79	385	3	1	5	2	3	3	1	2	4	3	1	5				6	H
MOHY065S1	5/28/79	385	4	6	5	2	2	3	1	2	4	3	1	5					H
MOHY066S1	5/28/79	385	4	1	5	2	3	3	1	4	3	2	1	5				6	H
MOHY067S1	5/28/79	385	4	6	5	2	3	3	1	2	3	2	1	5				6	H
MOHY068S1	5/28/79	385	3	6	5	1	3	3	1	2	4	3	1	5					H
MOHY069S1	5/28/79	385	4	6	4	1	3	3	1	2	3	2	1	5				6	H
MOHY070S1	5/28/79	385	3	1	5	2	2	2	1	2	3	2	1	5				6	H
MOHY071S1	5/28/79	385	4	6	7	3	3	3	1	2	3	2	1	5				6	H
MOHY072S1	5/28/79	385	4	1	6	3	3	3	1	2	3	2	1	5					H
MOHY073S1	5/28/79	385	4	6	9	9	6	1	6	2	3	2	1	5					H
MOHY074S1	5/28/79	385	4	6	5	2	3	3	1	2	4	3	1	5					H
MOHY075S1	5/28/79	385	4	1	6	3	2	3	1	2	3	2	1	5					H
MOHY076S1	5/28/79	385	4	1	7	2	2	3	1	2	3	3	1	5					H
MOHY077S1	5/28/79	385	4	6	7	3	4	4	1	2	4	2	1	5					H
MOHY078S1	5/28/79	385	4	6	7	3	3	3	1	2	3	2	1	5				6	H
MOHY079S1	5/28/79	385	4	6	5	3	2	3	1	2	4	2	1	5					H
MOHY080S1	5/29/79	385	4	6	4	2	3	3	1	2	3	2	4	5					H
MOHY081S1	5/29/79	385	6	3	4	1	2	2	1	2	4	3	4	5					H
MOHY082S1	5/29/79	385	4	6	5	2	2	3	1	2	3	3	4	5				6	H
MOHY083S1	5/29/79	385	4	3	5	1	3	3	1	2	3	2	4	5		6		3	H
MOHY084S1	5/29/79	385	4	6	9	9	6	1	6	7	4	3	2	5					H
MOHY085S1	5/29/79	385	2	6	7	3	3	3	1	2	3	3	3	5					H
MOHY086S1	5/29/79	385	3	6	5	2	3	3	1	2	3	2	3	5					H
MOHY087S1	5/29/79	385	4	6	6	3	2	3	1	2	3	2	2	5				6	H
MOHY088S1	5/29/79	385	2	6	6	1	2	2	1	4	3	3	2	5				6	H
MOHY089S1	5/29/79	385	4	6	7	2	3	3	1	2	4	3	1	5		6		4	H
MOHY090S1	5/29/79	385	4	6	5	3	2	3	1	2	4	3	2	5					H
MOHY091S1	5/29/79	385	2	6	7	2	2	3	1	2	3	2	2	5					H
MOHY092S1	5/29/79	385	4	6	7	3	3	3	1	2	4	3	3	5					H

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-----SEDIMENTS----- STATE OF MISSOURI

SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMDEPTH	STMDEPTH	STMFLOW	STMLEVEL	STMCOLOR	STMCHANNEL	VEGETYPE	VEGETENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
MOWY093SI	5/29/79	385	3	6	5	2	2	2	1	3	2	3	2	3	5				6	M
MOWY094SI	5/29/79	385	4	6	9	9	6	1	6	3	2	4	2	3	5					M
MOWY095SI	5/29/79	385	4	6	5	2	3	3	1	1	2	3	2	3	5					M
MOWY096SI	5/29/79	385	4	6	5	3	3	3	3	1	2	2	2	3	5					M
MOWY097SI	5/29/79	385	4	6	6	2	2	3	1	1	2	3	2	3	5					M
MOWY098SI	5/30/79	385	4	6	5	1	2	3	1	1	2	4	2	2	5					M
MOWY099SI	5/30/79	385	4	6	6	3	3	3	1	1	2	4	2	3	5					M
MOWY100SI	5/30/79	385	4	6	5	1	3	3	1	1	2	4	2	3	5					M
MOWY101SI	5/30/79	385	3	6	9	9	6	1	6	3	2	3	2	2	5			6		M
MOWY102SI	5/30/79	385	2	6	5	2	3	3	1	1	2	3	2	2	5					M
MOWY103SI	5/30/79	385	6	6	7	1	3	3	1	1	2	3	2	2	5			6		M
MOWY104SI	5/30/79	385	4	6	6	3	3	3	1	3	2	4	2	2	5					M

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOBA004R	29-36.8085-93.6167-4-51-000	7.9	280	3.20	0.101	259	87.0	5300	-0.001	16	2040	48.0	9900	-0.1	0.36
MOBA013R	29-36.8990-93.6565-4-51-000	8.2	275	3.00	0.217	170	45.0	8200	-0.001	36	1890	60.0	11050	-0.1	0.79
MOBA018R	29-36.8137-93.6917-4-51-000	8.1	385	5.00	-0.002	207	53.0	5600	-0.001	38	21440	81.0	10020	-0.1	0.00
MOBA019R	29-36.8363-93.6898-4-51-000	8.0	330	4.10	0.867	M		M	-0.001		M		M	-0.1	2.63
MOBA021R	29-36.8180-93.7694-4-51-000	7.8	305	2.60	0.201	184	112.0	3500	0.010	37	6610	68.0	11760	0.3	0.66
MOBA023R	29-36.7681-93.8143-4-51-000	7.9	260	2.20	0.306	245	24.0	6200	-0.001	31	3050	53.0	11600	0.5	1.18
MOBA026R	29-36.8537-93.7650-4-51-000	8.0	210	2.70	0.073	369	38.0	4800	-0.001	50		49.0	10160	-0.1	0.35
MOBA028R	29-36.8737-93.8071-4-51-000	8.0	230	1.80	0.147	362	38.0	8000	-0.001	94	1450	51.0	10770	-0.1	0.64
MOBA032R	29-36.9003-93.8955-4-51-000	6.9	100	0.57	0.032	200	64.0	5800	-0.001	59	2060	1248.0	9370	-0.1	0.32
MOBA033R	29-36.9348-93.9571-4-51-000	7.5	680	4.20	0.462	416	123.0	22900	-0.001		7270	268.0	78820	1.4	0.68
MOBA047R	29-36.7326-93.9665-4-51-000	7.0	230	2.00	0.243	166	55.0	9900	-0.001	21		57.0	11780	0.4	1.06
MOBA050R	29-36.8415-93.8746-4-51-000	7.0	283	2.20	0.222	311	81.0	8500	-0.001	22		66.0	10400	0.7	0.78
MOBA051R	29-36.8157-93.9026-4-51-000	7.5	160	1.20	0.081	362	77.0	8000	-0.001	26	1610	387.0	10600	-0.1	0.51
MOBA056R	29-36.7421-93.8332-4-51-000	7.4	260	2.30	0.249	242		6400	-0.001			54.0	11070	0.6	0.96
MOBA059R	29-36.5674-93.9470-4-51-000	7.6	382	3.20	0.356	462	37.0	1800	-0.001			57.0	11070	1.2	0.93
MOBA060R	29-36.5821-93.8395-4-51-000	7.5	370	3.30	0.375	277	51.0	2900	-0.001		3810	69.0	9410	0.5	1.01
MOBA064R	29-36.6739-93.8658-4-51-000	7.2	312	2.70	0.314	263	41.0	7300	-0.001		1330	65.0	12100	0.3	1.01
MOBA069R	29-36.6969-93.9905-4-51-000	7.2	212	1.60	0.186	369	74.0	9300	-0.001			59.0	12440	0.7	0.88
MOBA082R	29-36.5203-94.0370-4-51-000	7.5	270	2.40	0.143	224	37.0	5000	-0.001		1860	58.0	10820	-0.1	0.53
MOBA083R	29-36.5587-94.0191-4-51-000	7.6	236	2.10	0.138	272		3600	-0.001			55.0	10980	-0.1	0.58
MOBA084R	29-36.5144-93.9579-4-51-000	8.0	292	2.60	0.251	441	78.0	5400	-0.001	21		69.0	11970	0.8	0.86
MOBA087R	29-36.6318-93.6112-4-51-000	8.5	560	2.90	0.275	383	138.0	10600	-0.001		25300	155.0	20540	-0.1	0.49
MOBA090R	29-36.6975-93.7589-4-51-000	7.8	254	1.90	0.203	222	60.0	9900	-0.001	18		45.0	11410	-0.1	0.80
MOBA100R	29-36.5022-93.6716-4-51-000	8.2	580	3.70	0.435	352	75.0	6200	-0.001	69	26760	144.0	19790	1.4	0.75
MOBA101R	29-36.5087-93.6416-4-51-000	8.3	457	3.30	-0.002	186	68.0	6400	0.010	19	26180	76.0	10940	0.5	0.00
MOBA102R	29-36.5452-93.6305-4-51-000	7.9	466	4.30	0.401	199	99.0	9800	-0.001		27100	51.0	11300	-0.1	0.86
MOBA106R	29-36.5570-93.7500-4-51-000	8.2	472	3.50	0.174	196	117.0	6700	0.020	25	25570	63.0	10500	0.5	0.37
MOBA107R	29-36.5750-93.7103-4-51-000	8.4	391	2.80	0.202	176	50.0	5500	-0.001	26	17570	126.0	10730	0.5	0.52
MOBL001R	29-36.7334-90.1939-4-51-000	8.0	550	2.00	2.076	194	158.0	42000	-0.001	103		660.0	22300	-0.1	3.77
MOBL002R	29-36.6894-90.2214-4-51-000	6.6	140	0.68	0.185	983		6400	-0.001	138		962.0	4820	2.9	1.32
MOBL003R	29-36.6229-90.2682-4-51-000	6.4	95	0.56	0.061	477		2900	-0.001	102		780.0	5020	2.0	0.64
MOBL004R	29-36.5255-90.2292-4-51-000	7.1	180	0.88	0.122	95	42.0	9400	-0.001	106		546.0	11280	1.2	0.68
MOBL005R	29-36.5171-90.3289-4-51-000	7.7	280	1.80	0.768	51		8800	-0.001	109		818.0	12700	0.7	2.74
MOBL006R	29-36.6975-90.4634-4-51-000	6.6	550	3.44	0.708	187	222.0	28000	-0.001	50		706.0	21380	1.7	1.29
MOBL007R	29-36.6926-90.5190-4-51-000	6.8	245	1.56	0.056	100		5600	-0.001	36		521.0	6150	0.2	0.23
MOBL008R	29-36.6512-90.5219-4-51-000	7.6	40	0.26	0.043	902	14.0	2400	-0.001	42		85.0	7240	2.9	1.08
MOBL009R	29-36.5251-90.5741-4-51-000	6.7	120	0.96	0.022	278	21.0	3500	-0.001	56	1795.0	5630	0.4	0.18	
MOBL010R	29-36.5696-90.4827-4-51-000	6.9	165	0.68	0.104	430	51.0	13900	-0.001	121		804.0	6170	0.8	0.63
MOBL011R	29-36.5608-90.3810-4-51-000	6.8	800	0.64	0.136	223	30.0	5200	-0.001	142		481.0	11030	0.5	0.17
MOBL012R	29-36.6347-90.4009-4-51-000	7.9	330	2.04	0.587	107	64.0	11900	-0.001	202		354.0	12550	2.3	1.78
MOBL013R	29-36.6387-90.3364-4-51-000	7.6	200	1.56	0.268	60	33.0	2900	-0.001	59		1052.0	4980	-0.1	1.34
MOBL014R	29-36.6622-90.3165-4-51-000	7.2	155	1.04	0.121	311		4400	-0.001	97		746.0	4860	0.7	0.78
MOBL015R	29-36.7224-90.3552-4-51-000	7.5	260	1.80	0.438	43		6700	-0.001	64		848.0	9720	-0.1	1.68
MOBL016R	29-36.7577-90.4726-4-51-000	7.6	308	2.50	0.175	147	48.0	6800	-0.001	29		171.0	5740	0.5	0.57
MOBL017R	29-36.7303-90.4023-4-51-000	7.2	220	1.20	0.078	642	71.0	10700	-0.001	146		398.0	9670	1.2	0.35
MOBL018R	29-36.8568-90.5499-4-51-000	8.2	159	1.24	0.100	83	43.0	5200	-0.001	21		116.0	5170	-0.1	0.63
MOBL019R	29-36.7601-90.5288-4-51-000	7.8	122	1.00	0.029	69	49.0	5700	-0.001	13		103.0	5310	-0.1	0.24
MOBL020R	29-36.7577-90.6088-4-51-000	7.4	94	0.46	-0.002	48	27.0	3800	-0.001	16		92.0	5000	-0.1	-0.01
MOBL021R	29-36.9097-90.6533-4-51-000	7.5	140	1.10	0.053	136	43.0	6100	-0.001	46		110.0	5570	0.3	0.38
MOBL022R	29-36.8958-90.6106-4-51-000	7.4	125	1.10	0.044	87	31.0	6100	-0.001	52		93.0	5290	-0.1	0.35
MOBL023R	29-36.7917-90.4505-4-51-000	6.4	130	0.74	0.053	540		7700	-0.001	86		191.0	6950	0.8	0.41
MOBL024R	29-36.7852-90.4847-4-51-000	6.2	60	0.32	0.012	254	59.0	6200	-0.001	29		356.0	5460	0.3	0.20
MOBL025R	29-36.7861-90.5578-4-51-000	6.4	185	1.20	0.222	93	35.0	5200	-0.001	26		131.0	5390	0.2	1.20
MOBL026R	29-36.8119-90.5615-4-51-000	6.3	30	0.08	0.084	1255		4200	-0.001	39		218.0	4130	1.3	2.80
MOBL027R	29-36.8258-90.5812-4-51-000	6.1	50	0.06	0.071	1017	47.0	5200	-0.001	37		250.0	4770	1.9	1.42

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.		PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOBL028R	29-36.8353-	90.5061-4-51-000	5.9	35	0.04	0.132	1343	34.0	4400	-0.001	45		131.0	4720	2.2	3.77
MOBL030R	29-36.8835-	90.4675-4-51-000	6.7	170	1.26	0.137	596	30.0	7400	-0.001	39		130.0	5080	0.6	0.81
MOBL031R	29-36.9104-	90.5070-4-51-000	7.1	180	1.20	0.104	242	24.0	4800	-0.001	35		196.0	5400	0.5	0.58
MOBL033R	29-36.9121-	90.4074-4-51-000	7.6	60	0.40	0.075	837	27.0	4900	-0.001	32		175.0	5130	1.6	1.25
MOBL034R	29-36.7067-	90.3961-4-51-000	7.7	220	1.20	0.114	652	42.0	10700	-0.001	123		362.0	10190	2.3	0.52
MOBL035R	29-36.6497-	90.3998-4-51-000	8.4	290	1.45	0.466	797	34.0	10600	-0.001	156		181.0	7920	3.2	1.61
MOBL036R	29-36.7499-	90.2816-4-51-000	7.3	310	2.40	1.005	154	15.0	6600	-0.001	128		361.0	6830	1.0	3.24
MOBL037R	29-36.8070-	90.2274-4-51-000	7.4	310	2.60	1.843	1293		5100	-0.001	238		2717.0	6430	3.1	5.95
MOBL039R	29-36.8078-	90.3242-4-51-000	7.4	55	0.22	0.118	1233	35.0	2800	0.180	93		340.0	5470	2.2	2.15
MOBL040R	29-36.8618-	90.3134-4-51-000	6.0	90	0.42	0.020	409	40.0	3800	-0.001			576.0	7280	0.9	0.22
MOBL041R	29-36.8679-	90.3470-4-51-000	6.7	190	1.40	0.079	210		2400	-0.001	26		207.0	5140	0.4	0.42
MOBL042R	29-36.8970-	90.4533-4-51-000	7.0	260	2.16	0.275	243	14.0	2100	-0.001	24		240.0	4420	-0.1	1.06
MOBL043R	29-36.8287-	90.4597-4-51-000	7.3	190	1.40	0.086	170		3500	-0.001	38		180.0	4720	0.8	0.45
MOBL044R	29-36.8865-	90.5786-4-51-000	7.2	145	1.12	0.042	93		3100	-0.001	16		102.0	5000	-0.1	0.29
MOBL045R	29-36.8680-	90.6340-4-51-000	6.8	30	0.36	0.009	215	31.0	2500	-0.001	12		62.0	4600	0.3	0.30
MOBL046R	29-36.7926-	90.5807-4-51-000	7.2	90	0.80	0.005	91	13.0	2400	-0.001			88.0	4660	0.2	0.06
MOBL047R	29-36.6646-	90.4671-4-51-000	7.8	225	1.25	0.361	505	22.0	6400	-0.001	56		209.0	5720	1.0	1.60
MOBL048R	29-36.8385-	90.4180-4-51-000	6.6	135	1.00	0.058	574	15.0	3700	-0.001	42		508.0	5400	1.3	0.43
MOBL050R	29-36.9056-	90.3552-4-51-000	6.7	120	0.54	0.031	134		7800	-0.001	23		706.0	5140	-0.1	0.26
MOBL051R	29-36.9015-	90.2699-4-51-000	6.8	230	2.30	0.414	826		2200	-0.001	70		728.0	4950	1.6	1.80
MOBL053R	29-36.8536-	90.2774-4-51-000	7.3	270	2.40	0.358	485	20.0	2200	-0.001	60		520.0	4700	1.2	1.33
MOBL054R	29-36.7875-	90.2983-4-51-000	7.4	270	1.10	0.539	1074	25.0	7000	-0.001	114		382.0	6080	2.7	2.00
MOBL055R	29-36.7923-	90.2437-4-51-000	7.4	300	1.90	0.554	848	37.0	7300	-0.001	103		318.0	7080	1.9	1.85
MOBL056R	29-36.7483-	90.2397-4-51-000	7.5	300	1.90	0.530	916	41.0	7900	-0.001	118		277.0	5580	2.3	1.77
MOBL057R	29-36.7056-	90.2570-4-51-000	7.5	300	1.90	0.765	703		6500	-0.001	156		451.0	7300	2.4	2.55
MOBL058R	29-36.7201-	90.2985-4-51-000	7.5	310	2.30	0.504	683		4500	-0.001	95		395.0	6710	1.1	1.63
MOBL059R	29-36.7521-	90.3548-4-51-000	6.0	80	0.26	0.157	1071		3300	-0.001	41		356.0	5440	2.2	1.96
MOBL060R	29-36.8228-	90.3621-4-51-000	7.0	210	1.50	0.192	350	12.0	3000	-0.001	46		492.0	5520	0.9	0.91
MOBL062R	29-36.5612-	90.3987-4-51-000	7.1	430	2.70	1.201	146	52.0	9500	-0.001	117		171.0	7660	1.2	2.79
MOBL063R	29-36.7191-	90.5437-4-51-000	5.6	160	1.08	0.010	117	24.0	6200	-0.001	20		137.0	5700	0.4	0.06
MOBL064R	29-36.6655-	90.5403-4-51-000	6.6	72	0.24	0.013	331	34.0	7900	-0.001	42		112.0	5990	0.9	0.18
MOBL066R	29-36.6223-	90.5382-4-51-000	7.8	180	1.00	0.214	395	29.0	7800	-0.001	118		555.0	6770	2.4	1.19
MOBL067R	29-36.5930-	90.5474-4-51-000	8.0	140	0.80	0.122	737	35.0	6700	-0.001	110		435.0	6020	1.4	0.87
MOBL068R	29-36.5596-	90.5114-4-51-000	8.7	160	0.55	0.060	414	74.0	6100	-0.001	89		167.0	5250	1.3	0.38
MOBL069R	29-36.5180-	90.4873-4-51-000	7.4	220	0.85	0.173	738	13.0	10600	-0.001	151		488.0	8080	2.2	0.79
MOBL070R	29-36.5624-	90.4469-4-51-000	8.8	390	3.20	1.306	237	43.0	11400	-0.001	184		202.0	8580	2.3	3.35
MOBL071R	29-36.5882-	90.3957-4-51-000	8.3	360	3.20	2.195	698		9300	-0.001	144		614.0	9330	2.7	6.10
MOBL072R	29-36.6181-	90.3194-4-51-000	7.7	220	1.40	0.421	2500		6800	-0.001	162		332.0	5480	4.8	1.91
MOBL073R	29-36.5428-	90.3197-4-51-000	8.1	430	4.00	1.416	589	36.0	5200	-0.001	150		296.0	8970	2.3	3.29
MOBL074R	29-36.5598-	90.2494-4-51-000	8.2	700	4.00	1.836	297	124.0	35700	-0.001	170		815.0	40280	5.1	2.62
MOBL075R	29-36.6319-	90.2051-4-51-000	8.0	360	3.40	1.832	135		6400	-0.001	173		655.0	10510	5.9	5.09
MOBL076R	29-36.6606-	90.1560-4-51-000	8.3	340	3.20	1.088	194	27.0	5400	-0.001	157		702.0	9080	1.0	3.20
MOB0002R	29-37.2938-	89.8767-4-51-000	7.8	165	2.30	0.323	133		11100	-0.001	29	12950	176.0	3110	0.7	1.96
MOB0003R	29-37.2614-	89.8704-4-51-000	6.5	60	0.45	0.055	189	84.0	9500	-0.001	47	2320	124.0	2550	0.4	0.92
MOB0004R	29-37.2656-	89.9048-4-51-000	6.9	50	0.34	0.052	464		10400	-0.001	32		79.0	2440	-0.1	1.04
MOB0005R	29-37.2765-	89.9558-4-51-000	7.6	210	3.10	-0.002	164	119.0	9700	0.010	57	10230	144.0	2890	-0.1	0.00
MOB0006R	29-37.2915-	90.0106-4-51-000	7.6	150	1.90	0.217	147	26.0	10800	-0.001		9790	126.0	2900	-0.1	1.45
MOB0008R	29-37.2280-	89.9657-4-51-000	7.9	90	1.80	0.051	233	72.0	9200	0.010	30	4100	85.0	2420	0.6	0.57
MOB0009R	29-37.1953-	89.9504-4-51-000	7.4	115	1.60	0.117	231	123.0	9600	-0.001		5260	196.0	1960	-0.1	1.02
MOB0010R	29-37.1904-	89.9078-4-51-000	7.3	80	0.85	0.071	367	66.0	9300	-0.001		1360	140.0	2510	0.7	0.89
MOB0011R	29-37.1979-	89.8749-4-51-000	7.4	95	0.90	0.061	284	55.0	9700	-0.001		2160	105.0	2850	-0.1	0.64
MOB0012R	29-37.1401-	89.8888-4-51-000	6.7	50	0.28	0.065	390	65.0	9100	-0.001	29	1960	115.0	1870	1.1	1.30
MOB0015R	29-37.0764-	89.9694-4-51-000	6.8	70	0.55	0.066	632	56.0	11500	-0.001		5380	250.0	2350	1.6	0.94
MOB0019R	29-37.0782-	90.1077-4-51-000	7.7	100	1.30	0.172	614	33.0	8100	-0.001		7910	159.0	2860	-0.1	1.72
MOB0020R	29-37.1150-	90.1195-4-51-000	6.4	30	0.16	0.031	512		7700	0.030			62.0	1910	0.9	1.03

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000	
MOB0021R	29-37.1467-	90.1818-4-51-000	7.3	60	0.65	0.039	187	27.0	8600	-0.001	.	2480	83.0	1810	-0.1	0.65
MOB0022R	29-37.1645-	90.1676-4-51-000	6.8	45	0.40	0.021	98	75.0	7300	-0.001	.	194.0	2270	-0.1	0.47	
MOB0023R	29-37.1783-	90.1331-4-51-000	7.0	45	0.40	0.027	140	84.0	7200	-0.001	.	3120	70.0	2170	0.7	0.60
MOB0024R	29-37.1669-	90.0867-4-51-000	7.5	90	1.15	0.096	149	71.0	8300	-0.001	.	5080	108.0	2230	-0.1	1.07
MOB0025R	29-37.1415-	90.0917-4-51-000	6.9	70	0.70	0.032	124	.	6800	-0.001	61	.	2211.0	2130	-0.1	0.46
MOB0026R	29-37.1559-	90.1202-4-51-000	7.2	110	1.70	0.047	121	84.0	7100	-0.001	31	10330	168.0	2220	-0.1	0.43
MOB0027R	29-37.1719-	90.0151-4-51-000	7.8	150	2.20	0.175	124	48.0	10800	-0.001	.	9190	161.0	2400	0.6	1.17
MOB0028R	29-37.1715-	90.0541-4-51-000	6.8	40	0.28	0.057	167	42.0	7300	-0.001	21	2040	77.0	1810	-0.1	1.43
MOB0029R	29-37.2002-	90.1051-4-51-000	6.8	50	0.36	0.027	276	42.0	9500	-0.001	.	3630	66.0	2140	0.6	0.54
MOB0030R	29-37.2137-	90.0391-4-51-000	7.3	100	1.15	0.070	299	81.0	8000	-0.001	27	3240	89.0	2150	-0.1	0.70
MOB0031R	29-37.2464-	90.0493-4-51-000	7.3	55	0.60	0.058	300	63.0	9900	-0.001	.	2140	66.0	1890	-0.1	1.05
MOB0032R	29-37.2684-	90.0799-4-51-000	7.1	40	0.28	0.039	277	50.0	7600	-0.001	50	.	63.0	2250	-0.1	0.98
MOB0033R	29-37.2459-	90.1066-4-51-000	7.0	30	0.15	0.056	338	51.0	9800	-0.001	.	.	65.0	2640	-0.1	1.87
MOB0034R	29-37.2204-	90.1479-4-51-000	6.9	20	0.06	0.051	233	80.0	6300	-0.001	.	.	77.0	2170	-0.1	2.55
MOB0036R	29-37.2596-	90.1871-4-51-000	7.3	60	0.60	0.052	198	109.0	9900	-0.001	25	6350	69.0	2630	0.9	0.87
MOB0037R	29-37.3102-	90.2106-4-51-000	7.4	95	1.20	0.077	213	51.0	7400	-0.001	.	6590	95.0	1910	-0.1	0.81
MOB0038R	29-37.3018-	90.1725-4-51-000	7.1	75	1.00	0.092	243	101.0	8100	-0.001	.	6640	88.0	2480	0.7	1.23
MOB0039R	29-37.3175-	90.0860-4-51-000	7.0	30	0.12	0.058	430	90.0	9400	-0.001	24	860	58.0	2390	1.0	1.93
MOB0040R	29-37.3384-	90.0865-4-51-000	6.6	45	0.26	0.023	290	37.0	10000	-0.001	.	1380	77.0	2590	-0.1	0.51
MOB0041R	29-37.3158-	90.0315-4-51-000	7.6	70	0.70	0.120	255	68.0	7900	-0.001	.	2980	76.0	2970	-0.1	1.71
MOB0042R	29-37.3410-	90.0307-4-51-000	7.3	80	0.55	0.027	254	75.0	11300	-0.001	20	6560	88.0	2410	-0.1	0.34
MOB0043R	29-37.3684-	90.0568-4-51-000	7.5	90	0.90	0.090	248	43.0	9600	-0.001	.	6960	98.0	2690	-0.1	1.00
MOB0044R	29-37.3820-	90.1014-4-51-000	7.4	75	0.85	0.129	207	79.0	8500	-0.001	43	6370	85.0	2670	-0.1	1.72
MOB0045R	29-37.4237-	90.1089-4-51-000	7.4	105	1.40	0.075	206	.	7700	-0.001	42	8280	113.0	2760	-0.1	0.71
MOB0046R	29-37.4286-	90.0607-4-51-000	7.3	50	0.32	0.068	255	60.0	8600	-0.001	.	2880	73.0	2680	-0.1	1.36
MOB0047R	29-37.4407-	90.0797-4-51-000	7.0	95	1.20	0.063	161	106.0	10200	-0.001	32	6680	103.0	3650	-0.1	0.74
MOB0051R	29-37.5128-	90.0453-4-51-000	7.1	100	1.20	0.082	103	37.0	9900	-0.001	.	5760	87.0	2970	-0.1	0.82
MOB0052R	29-37.5416-	90.0740-4-51-000	7.1	55	0.60	0.050	293	64.0	9400	-0.001	.	4950	82.0	3100	-0.1	0.91
MOB0053R	29-37.5699-	90.1327-4-51-000	6.8	60	0.55	0.030	278	91.0	10000	-0.001	.	4410	79.0	2110	-0.1	0.50
MOB0054R	29-37.5865-	90.1023-4-51-000	7.6	180	2.50	0.243	75	.	9500	-0.001	22	10500	155.0	2920	-0.1	1.35
MOB0055R	29-37.5741-	90.0867-4-51-000	6.9	115	1.50	0.065	198	76.0	11500	-0.001	43	5810	106.0	3250	0.6	0.57
MOB0056R	29-37.5766-	90.0394-4-51-000	7.2	170	2.70	0.111	90	.	10700	-0.001	.	12350	131.0	2840	-0.1	0.65
MOB0057R	29-37.5855-	89.9837-4-51-000	7.5	170	1.80	0.177	138	.	13200	-0.001	.	10330	145.0	3880	-0.1	1.04
MOB0058R	29-37.5333-	89.9950-4-51-000	7.6	190	2.20	-0.002	151	101.0	13300	-0.001	.	13970	149.0	3950	0.6	0.00
MOB0061R	29-37.5830-	89.8777-4-51-000	7.2	120	2.00	-0.002	308	86.0	12400	-0.001	.	11410	141.0	4600	-0.1	-0.01
MOB0062R	29-37.5667-	89.8842-4-51-000	7.1	100	0.55	0.034	250	.	16600	-0.001	32	5290	88.0	4680	0.5	0.34
MOB0065R	29-37.5105-	89.9440-4-51-000	7.5	120	1.30	0.084	147	121.0	17400	-0.001	80	9660	119.0	5010	-0.1	0.70
MOB0066R	29-37.4870-	89.8792-4-51-000	8.1	180	2.10	-0.002	125	78.0	10500	-0.001	37	15150	72.0	4150	-0.1	0.00
MOB0067R	29-37.4623-	89.8819-4-51-000	8.0	105	1.20	0.128	136	72.0	11800	-0.001	20	9330	134.0	4120	0.8	1.22
MOB0068R	29-37.4599-	89.9365-4-51-000	7.2	170	2.20	-0.002	112	.	11200	-0.001	.	11400	157.0	3900	-0.1	0.00
MOB0069R	29-37.4814-	89.9882-4-51-000	7.5	190	2.30	-0.002	153	95.0	11400	-0.001	.	14190	37.0	3780	-0.1	0.00
MOB0070R	29-37.4516-	89.9889-4-51-000	7.4	155	2.70	-0.002	134	58.0	9200	-0.001	23	12580	159.0	3040	-0.1	0.00
MOB0071R	29-37.4193-	90.0235-4-51-000	7.2	80	1.20	0.097	231	.	11700	-0.001	22	7400	126.0	3550	-0.1	1.21
MOB0074R	29-37.4037-	89.8856-4-51-000	7.1	120	1.70	0.248	658	156.0	15100	-0.001	90	11430	127.0	3460	1.6	2.07
MOB0075R	29-37.3892-	89.9363-4-51-000	6.9	55	0.60	0.070	290	52.0	10000	-0.001	46	4870	89.0	2810	0.6	1.27
MOB0076R	29-37.3611-	89.9032-4-51-000	7.4	170	2.40	-0.002	209	80.0	10500	-0.001	.	12030	169.0	3680	-0.1	0.00
MOB0077R	29-37.3209-	89.9467-4-51-000	6.9	100	1.40	-0.002	285	79.0	10900	-0.001	.	9270	136.0	2900	-0.1	-0.01
MOB0079R	29-37.3539-	89.9814-4-51-000	6.9	80	1.30	0.050	322	67.0	10700	-0.001	.	6840	124.0	3020	-0.1	0.63
MOB0080R	29-37.3852-	90.0149-4-51-000	7.3	85	1.00	0.115	149	67.0	10700	-0.001	.	.	112.0	3140	-0.1	1.35
MOCPO01R	29-37.3693-	89.4573-4-51-000	7.1	95	1.00	0.081	291	82.0	9600	-0.001	.	1710	88.0	2370	-0.1	0.85
MOCPO02R	29-37.4058-	89.4840-4-51-000	6.7	65	0.22	0.009	251	.	9600	-0.001	49	4280	45.0	2000	-0.1	0.14
MOCPO03R	29-37.3818-	89.5027-4-51-000	7.0	70	0.55	0.032	261	97.0	10200	-0.001	47	2230	55.0	2800	0.4	0.46
MOCPO04R	29-37.4834-	89.5111-4-51-000	7.4	100	1.10	0.079	880	118.0	12100	-0.001	.	3840	67.0	3650	-0.1	0.79
MOCPO05R	29-37.5135-	89.5239-4-51-000	6.9	60	0.60	0.060	200	78.0	11000	-0.001	.	2410	63.0	3200	-0.1	1.00
MOCPO09R	29-37.5680-	89.6158-4-51-000	7.0	170	1.80	0.317	138	80.0	13900	-0.001	.	3990	134.0	5710	0.7	1.86

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.		PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOCP010R	29-37.5806-	89.6453-4-51-000	7.4	325	4.80	-0.002	70	79.0	13300	-0.001	34	6210	262.0	5820	1.2	0.00
MOCP011R	29-37.5370-	89.6591-4-51-000	7.3	330	2.60	-0.002	104	45.0	17300	-0.001	98	7520	150.0	8590	-0.1	0.00
MOCP012R	29-37.5193-	89.6239-4-51-000	7.4	285	2.60	0.619	143	87.0	19900	-0.001	77	5420	125.0	9340	0.6	2.17
MOCP013R	29-37.4736-	89.6474-4-51-000	7.0	200	1.00	0.083	230	99.0	20200	-0.001	.	8270	71.0	9290	-0.1	0.42
MOCP014R	29-37.4605-	89.5919-4-51-000	8.3	230	2.50	-0.002	265	141.0	21200	0.020	60	12130	52.0	10890	0.7	0.00
MOCP016R	29-37.4561-	89.5332-4-51-000	7.2	70	0.65	0.022	238	73.0	13300	-0.001	30	3210	57.0	4540	0.7	0.31
MOCP017R	29-37.4295-	89.5564-4-51-000	7.0	60	0.55	0.036	376	124.0	15100	-0.001	19	2960	54.0	5300	0.5	0.60
MOCP021R	29-37.4132-	89.6464-4-51-000	7.6	240	3.70	0.492	210	.	16300	-0.001	90	6550	150.0	8350	0.4	2.05
MOCP026R	29-37.3038-	89.6478-4-51-000	8.0	75	1.00	0.177	791	102.0	11800	-0.001	74	2080	104.0	4140	2.0	2.36
MOCP027R	29-37.2845-	89.6850-4-51-000	7.2	70	0.80	0.028	271	77.0	11300	-0.001	87	1790	92.0	3480	0.6	0.40
MOCP029R	29-37.3476-	89.7689-4-51-000	7.0	75	0.80	0.068	246	119.0	13400	-0.001	85	1520	47.0	3530	0.5	0.91
MOCP033R	29-37.2736-	89.8508-4-51-000	7.4	85	0.80	0.055	202	123.0	12000	-0.001	.	4770	90.0	3260	-0.1	0.65
MOCP034R	29-37.2456-	89.8373-4-51-000	7.4	90	0.70	0.081	355	94.0	12100	-0.001	43	5350	93.0	3140	0.7	0.90
MOCP035R	29-37.2202-	89.8349-4-51-000	7.4	85	0.75	0.074	319	115.0	10900	-0.001	46	4330	91.0	3190	0.4	0.87
MOCP040R	29-37.2361-	89.8023-4-51-000	7.5	110	1.30	0.096	168	76.0	9500	-0.001	56	5070	88.0	2830	0.9	0.87
MOCP043R	29-37.2539-	89.6604-4-51-000	7.5	170	2.00	-0.002	277	.	11400	-0.001	29	5280	140.0	5300	0.5	0.00
MOCP046R	29-37.3744-	89.7322-4-51-000	7.5	175	2.00	0.248	191	17.0	10300	-0.001	83	3050	100.0	4740	0.6	1.42
MOCP047R	29-37.4028-	89.7437-4-51-000	7.6	230	2.60	-0.002	158	78.0	10300	-0.001	37	4830	83.0	3690	0.4	0.00
MOCP048R	29-37.3990-	89.8244-4-51-000	7.7	120	2.50	0.212	171	81.0	9400	-0.001	.	8510	77.0	3000	0.5	1.18
MOCP049R	29-37.4256-	89.8385-4-51-000	7.7	190	2.00	0.165	245	43.0	7700	-0.001	.	9310	78.0	3040	0.4	0.87
MOCP050R	29-37.4488-	89.8136-4-51-000	8.4	90	1.50	0.175	408	76.0	11500	-0.001	78	4540	126.0	2970	0.8	1.94
MOCP051R	29-37.4882-	89.8165-4-51-000	8.6	75	0.70	0.028	441	46.0	11600	-0.001	73	1920	83.0	2930	0.4	0.37
MOCP054R	29-37.4123-	89.6979-4-51-000	8.3	210	2.80	0.444	337	75.0	17100	-0.001	108	5070	122.0	7600	0.8	2.11
MOCP055R	29-37.4470-	89.7101-4-51-000	8.0	230	2.70	-0.002	873	.	14200	-0.001	77	3620	126.0	6810	1.5	0.00
MOCP059R	29-37.5552-	89.6956-4-51-000	7.9	220	2.70	0.471	156	39.0	14300	-0.001	74	5340	110.0	5940	-0.1	2.14
MOCP064R	29-37.5944-	89.8427-4-51-000	8.0	160	1.60	0.287	254	99.0	13200	-0.001	40	8970	71.0	4150	0.4	1.79
MOCT002R	29-37.0330-	91.0338-4-51-000	8.0	380	3.10	0.142	63	.	2800	-0.001	10	.	170.0	3420	-0.1	0.37
MOCT004R	29-36.9832-	91.0424-4-51-000	8.1	425	3.00	0.151	78	.	2100	-0.001	.	.	179.0	3260	-0.1	0.36
MOCT009R	29-37.0434-	91.1972-4-51-000	8.0	160	1.20	0.074	120	14.0	2700	-0.001	34	.	116.0	3320	0.4	0.46
MOCT016R	29-37.0129-	90.8769-4-51-000	7.0	90	0.48	0.003	181	.	2900	0.030	106	.	90.0	3290	-0.1	0.03
MOCT018R	29-37.0202-	90.8182-4-51-000	7.4	60	0.82	-0.002	87	.	2300	-0.001	26	.	87.0	3130	-0.1	-0.02
MOCT019R	29-37.0032-	90.7673-4-51-000	7.7	40	0.90	0.006	72	30.0	2300	-0.001	58	.	100.0	3260	-0.1	0.15
MOCT020R	29-36.9832-	90.7450-4-51-000	6.7	65	0.54	0.009	90	.	3400	-0.001	.	.	127.0	3470	0.3	0.14
MOCT021R	29-36.9494-	90.7666-4-51-000	7.7	95	0.80	0.014	75	.	3100	-0.001	22	.	100.0	3830	0.2	0.15
MOCT022R	29-36.9473-	90.8514-4-51-000	7.8	105	1.38	0.078	164	.	2300	-0.001	51	.	117.0	3360	-0.1	0.74
MOCT025R	29-36.8507-	90.6857-4-51-000	7.9	90	0.90	0.024	65	12.0	2700	0.030	25	.	110.0	3520	-0.1	0.27
MOCT026R	29-36.9080-	90.7225-4-51-000	7.4	50	0.40	-0.002	76	35.0	3000	-0.001	29	.	141.0	3550	-0.1	-0.03
MOCT027R	29-36.9958-	90.8107-4-51-000	7.5	60	0.10	0.061	639	20.0	3800	-0.001	34	.	274.0	2780	1.3	1.02
MOCT028R	29-37.0457-	90.7728-4-51-000	7.1	115	0.96	0.026	190	.	4900	-0.001	37	.	158.0	3550	1.1	0.23
MOCT030R	29-36.9662-	90.7098-4-51-000	7.8	40	0.24	0.008	87	26.0	3600	-0.001	.	.	144.0	3180	0.6	0.20
MOCT031R	29-36.9349-	90.7975-4-51-000	7.3	60	0.14	0.031	157	31.0	4200	-0.001	.	.	136.0	2910	0.6	0.52
MOCT032R	29-36.8707-	90.6936-4-51-000	8.2	42	0.60	-0.002	95	45.0	4900	-0.001	.	.	85.0	3200	-0.1	-0.04
MOCT033R	29-36.8520-	90.7309-4-51-000	8.4	30	0.15	0.026	132	30.0	4000	-0.001	.	.	99.0	3090	-0.1	0.87
MOCT034R	29-36.8205-	90.7238-4-51-000	7.3	61	0.20	0.035	242	32.0	5200	-0.001	.	.	227.0	3080	-0.1	0.57
MOCT035R	29-36.8422-	90.7664-4-51-000	6.6	29	0.15	0.009	200	31.0	5500	-0.001	.	.	88.0	2050	-0.1	0.31
MOCT036R	29-36.8843-	90.7739-4-51-000	7.4	35	0.15	0.005	179	26.0	5100	-0.001	.	.	84.0	2050	-0.1	0.14
MOCT037R	29-36.9112-	90.7612-4-51-000	7.6	20	0.10	0.012	287	26.0	3900	-0.001	21	.	79.0	1750	-0.1	0.60
MOCT040R	29-36.8509-	90.9053-4-51-000	8.0	320	3.80	0.158	107	16.0	4500	-0.001	30	19780	.	1720	0.6	0.49
MOCT042R	29-37.0353-	90.9212-4-51-000	7.7	260	2.60	0.158	284	35.0	5200	-0.001	22	.	219.0	2150	-0.1	0.61
MOCT050R	29-36.8579-	91.1936-4-51-000	7.7	70	0.40	0.032	135	35.0	5000	-0.001	32	.	99.0	1770	0.8	0.46
MOCT052R	29-37.0942-	90.9963-4-51-000	7.3	290	3.60	0.211	55	12.0	2500	-0.001	76	.	206.0	1990	-0.1	0.73
MOCT053R	29-37.0099-	91.0701-4-51-000	7.8	430	4.20	0.345	62	11.0	3000	-0.001	49	24290	.	3080	0.2	0.80
MOCT054R	29-37.0522-	91.0726-4-51-000	8.0	340	3.60	0.187	71	.	2200	-0.001	19	.	152.0	1910	-0.1	0.55
MOCT055R	29-37.0782-	91.0647-4-51-000	8.3	380	4.80	0.220	107	15.0	2600	-0.001	70	.	201.0	2020	0.7	0.58
MOCT056R	29-36.9882-	91.1031-4-51-000	7.7	390	4.00	0.117	54	.	M	-0.001	.	.	121.0	1730	-0.1	0.30

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOCT057R	29-37.0642-91.2139-4-51-000	7.6	270	2.40	0.318	1633	.	2200	-0.001	23	.	131.0	2340	2.3	1.18
MOCT062R	29-36.8394-90.9526-4-51-000	8.1	410	3.60	0.524	1886	.	1800	0.690	19	.	146.0	1460	2.5	1.28
MOCH001R	29-37.9207-91.1573-4-51-000	7.8	220	2.10	0.171	383	.	9400	-0.001	57	16820	83.0	3720	0.7	0.78
MOCH002R	29-37.8760-91.1396-4-51-000	7.5	210	1.90	0.092	154	72.0	8800	-0.001	.	13120	69.0	3840	0.4	0.44
MOCH003R	29-38.0121-91.4150-4-51-000	7.9	160	1.50	0.111	227	58.0	10400	-0.001	27	9490	124.0	3860	0.5	0.69
MOCH004R	29-38.0016-91.4777-4-51-000	8.2	150	1.30	0.138	225	86.0	11100	-0.001	20	9010	113.0	4240	1.1	0.92
MOCH005R	29-38.0586-91.4888-4-51-000	7.8	45	0.12	0.054	142	96.0	11700	0.020	.	.	70.0	4530	0.4	1.20
MOCH006R	29-38.0634-91.4490-4-51-000	7.4	70	0.36	0.058	140	80.0	10800	-0.001	.	3070	92.0	5010	-0.1	0.83
MOCH007R	29-38.0935-91.4947-4-51-000	6.8	35	0.10	0.062	227	84.0	11500	-0.001	.	.	82.0	3160	-0.1	1.77
MOCH008R	29-38.1192-91.4430-4-51-000	7.2	120	0.70	0.117	254	.	19200	-0.001	.	6210	170.0	8860	-0.1	0.98
MOCH009R	29-38.0822-91.4097-4-51-000	7.8	200	1.10	0.239	341	.	31900	-0.001	.	10170	204.0	18250	-0.1	1.20
MOCH010R	29-38.1166-91.4110-4-51-000	7.6	100	0.40	0.074	386	70.0	8500	-0.001	.	.	110.0	4260	0.6	0.74
MOCH011R	29-38.1477-91.4185-4-51-000	7.4	30	0.16	0.068	497	94.0	8600	-0.001	.	2790	98.0	4200	0.8	2.27
MOCH012R	29-38.1695-91.4686-4-51-000	7.3	90	0.58	0.089	363	76.0	10000	-0.001	36	4060	138.0	5010	1.2	0.99
MOCH013R	29-38.1550-91.5313-4-51-000	7.3	85	0.46	0.063	208	.	9900	-0.001	.	6780	108.0	4440	-0.1	0.74
MOCH014R	29-38.1851-91.5029-4-51-000	6.8	40	0.08	0.040	335	138.0	9600	-0.001	23	.	97.0	3360	1.5	1.00
MOCH015R	29-38.2045-91.4636-4-51-000	7.1	185	1.05	0.139	260	.	10200	-0.001	36	15010	168.0	5080	0.7	0.75
MOCH016R	29-38.1801-91.4207-4-51-000	7.5	95	0.55	0.050	285	107.0	9200	-0.001	.	4590	119.0	4080	0.8	0.53
MOCH017R	29-38.2031-91.3704-4-51-000	7.6	115	0.65	0.125	M	.	M	-0.001	.	M	.	M	-0.1	1.09
MOCH018R	29-39.1875-91.3447-4-51-000	7.5	85	0.55	0.056	375	.	10300	-0.001	.	3210	121.0	4910	0.7	0.66
MOCH019R	29-38.1927-91.3140-4-51-000	7.5	95	0.60	0.079	353	48.0	9700	-0.001	.	5560	122.0	4640	-0.1	0.83
MOCH020R	29-38.1482-91.3390-4-51-000	7.3	100	0.60	0.091	292	.	10300	-0.001	58	.	125.0	4720	-0.1	0.91
MOCH021R	29-38.1214-91.3414-4-51-000	7.5	70	0.35	0.066	342	93.0	9500	-0.001	46	.	136.0	4810	1.1	0.94
MOCH022R	29-38.1178-91.3818-4-51-000	7.3	40	0.25	0.056	410	.	7800	-0.001	.	1690	123.0	3470	-0.1	1.40
MOCH026R	29-37.9581-91.1349-4-51-000	8.6	240	2.20	0.366	146	54.0	9500	-0.001	51	17840	206.0	4580	-0.1	1.53
MOCH028R	29-37.9931-91.1650-4-51-000	8.2	245	2.10	0.306	123	43.0	10000	0.040	.	19820	223.0	4440	-0.1	1.25
MOCH029R	29-37.9418-91.2209-4-51-000	8.0	185	1.70	0.163	204	.	9500	-0.001	.	15210	198.0	3620	0.5	0.88
MOCH030R	29-37.9265-91.2595-4-51-000	7.7	170	1.50	0.126	M	.	M	-0.001	.	.	.	1790	-0.1	0.74
MOCH031R	29-37.9229-91.3174-4-51-000	7.0	50	0.12	0.052	315	40.0	11500	-0.001	.	1610	143.0	4170	1.3	1.04
MOCH033R	29-38.0547-91.3328-4-51-000	7.1	90	0.70	0.061	377	32.0	8900	-0.001	.	4700	171.0	3230	-0.1	0.68
MOCH034R	29-38.0778-91.3414-4-51-000	7.9	90	0.75	0.063	366	.	9700	-0.001	.	5350	176.0	3810	-0.1	0.70
MOCH035R	29-38.1519-91.2971-4-51-000	7.7	50	0.24	0.071	573	55.0	10600	-0.001	46	.	176.0	4440	-0.1	1.42
MOCH036R	29-38.1658-91.2474-4-51-000	7.3	385	1.40	0.217	129	.	69700	-0.001	.	7710	386.0	43290	0.9	0.56
MOCH037R	29-38.1993-91.2471-4-51-000	8.1	95	0.60	0.084	251	117.0	15800	-0.001	.	1690	219.0	8740	0.9	0.88
MOCH038R	29-37.9538-91.3779-4-51-000	7.7	80	0.65	0.080	497	74.0	10100	-0.001	.	6360	246.0	4020	1.3	1.00
MOCH041R	29-37.9529-91.4474-4-51-000	7.7	120	1.30	0.095	236	97.0	9900	-0.001	.	3790	238.0	4190	1.1	0.79
MOCH043R	29-37.8508-91.3478-4-51-000	8.2	110	1.20	0.156	206	.	11300	-0.001	.	5870	216.0	4560	-0.1	1.42
MOCH044R	29-37.8637-91.3739-4-51-000	7.6	110	1.10	0.119	79	44.0	8500	-0.001	.	5610	196.0	3130	-0.1	1.08
MOCH046R	29- - -4-51-000	8.6	140	1.50	0.113	M	.	M	-0.001	.	M	.	M	-0.1	0.81
MOCH048R	29-37.9003-91.4775-4-51-000	7.9	150	1.50	-0.002	109	.	6700	-0.001	.	11730	293.0	4460	-0.1	0.00
MOCH049R	29-37.8865-91.5049-4-51-000	8.2	180	1.80	0.244	67	90.0	7500	-0.001	.	13570	276.0	3580	-0.1	1.36
MOCH051R	29-37.8438-91.4841-4-51-000	8.0	170	1.90	0.283	88	.	7200	0.010	.	13380	272.0	3690	0.8	1.66
MOCH053R	29-37.8435-91.4227-4-51-000	8.1	130	1.30	0.130	211	36.0	9300	-0.001	.	7470	259.0	3320	-0.1	1.00
MOCH055R	29-37.7212-91.2078-4-51-000	8.1	285	3.00	0.400	121	51.0	6000	-0.001	.	18590	308.0	3910	-0.1	1.40
MOCH065R	29-38.1231-91.2007-4-51-000	8.1	260	2.20	0.189	94	74.0	10600	-0.001	.	14100	265.0	5170	0.5	0.73
MOCH066R	29-38.1152-91.1667-4-51-000	8.0	280	2.50	0.183	95	49.0	9000	-0.001	.	14720	288.0	5150	0.7	0.65
MOCH073R	29-37.8410-91.1144-4-51-000	8.2	275	2.80	-0.002	89	.	7500	-0.001	44	15080	279.0	4030	-0.1	0.00
MOCH074R	29-37.8163-91.1382-4-51-000	8.1	270	2.70	0.271	49	10.0	9500	-0.001	.	18460	192.0	2180	0.2	1.00
MOCH075R	29-37.8466-91.1754-4-51-000	8.1	280	2.60	-0.002	101	63.0	8100	-0.001	47	19510	306.0	4660	-0.1	0.00
MODN001R	29-37.6544-91.5308-4-51-000	6.3	175	1.30	0.105	182	28.0	6400	-0.001	27	4150	228.0	5940	1.4	0.60
MODN002R	29-37.6973-91.5689-4-51-000	7.9	190	2.10	0.188	265	49.0	7800	-0.001	40	8060	189.0	7570	0.7	0.99
MODN004R	29-37.7387-91.5493-4-51-000	7.9	120	1.10	0.083	246	.	5900	-0.001	31	6300	202.0	5420	-0.1	0.69
MODN005R	29-37.7544-91.5493-4-51-000	7.5	75	0.70	0.057	182	.	5200	-0.001	28	1980	140.0	6040	0.9	0.76
MODN006R	29-37.7827-91.5538-4-51-000	8.5	100	0.95	0.072	180	.	5100	0.010	47	5340	109.0	5500	-0.1	0.72
MODN008R	29-37.7381-91.6128-4-51-000	8.4	160	1.70	0.181	200	.	7000	-0.001	25	9530	116.0	6370	1.1	1.13

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.		PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	L PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MODN010R	29-37.7062-	91.6070-4-51-000	8.7	180	1.90	0.177	140	.	7600	-0.001	54	8590	122.0	6390	0.9	0.98
MODN011R	29-37.7151-	91.6430-4-51-000	6.6	65	0.40	0.046	155	.	5600	-0.001	68	.	192.0	5600	-0.1	0.71
MODN014R	29-37.7821-	91.7875-4-51-000	9.1	130	1.30	0.061	168	.	5200	-0.001	22	6920	108.0	5450	-0.1	0.47
MODN018R	29-37.6932-	91.7106-4-51-000	8.0	75	0.42	0.050	208	.	4500	-0.001	63	3230	90.0	5430	0.4	0.67
MODN019R	29-37.6830-	91.6782-4-51-000	6.9	45	0.16	0.033	267	.	4200	-0.001	.	.	95.0	4810	-0.1	0.73
MODN020R	29-37.6702-	91.6399-4-51-000	8.2	145	1.70	0.183	193	30.0	4600	-0.001	55	5460	137.0	4920	0.4	1.26
MODN022R	29-37.6229-	91.6575-4-51-000	7.8	90	0.55	0.039	236	.	5200	-0.001	50	2430	225.0	6200	0.4	0.43
MODN023R	29-37.6504-	91.6726-4-51-000	8.1	150	1.80	0.153	220	.	4500	-0.001	33	9210	161.0	4650	-0.1	1.02
MODN024R	29-37.6335-	91.7086-4-51-000	8.2	160	2.40	0.130	130	.	5000	-0.001	27	8400	178.0	4860	0.8	0.81
MODN025R	29-37.6546-	91.7848-4-51-000	7.5	55	0.42	0.036	158	.	3800	-0.001	36	2920	106.0	5240	-0.1	0.65
MODN026R	29-37.6772-	91.8019-4-51-000	6.5	40	0.24	0.022	247	.	3600	-0.001	23	1390	78.0	4560	-0.1	0.55
MODN027R	29-37.6081-	91.7550-4-51-000	5.7	40	0.20	0.040	260	.	3400	-0.001	84	.	128.0	4860	-0.1	1.00
MODN028R	29-37.7193-	91.4529-4-51-000	8.2	155	2.00	0.100	145	.	3800	-0.001	47	6940	110.0	4810	-0.1	0.65
MODN029R	29-37.7055-	91.4734-4-51-000	8.1	110	1.30	0.114	146	.	4000	-0.001	.	5390	101.0	4790	-0.1	1.04
MODN030R	29-37.7516-	91.4540-4-51-000	8.2	180	2.50	0.122	120	.	3200	-0.001	.	13110	127.0	4320	0.4	0.68
MODN031R	29-37.7148-	91.3291-4-51-000	8.4	160	2.40	-0.002	202	.	3500	-0.001	.	11520	122.0	4210	0.5	0.00
MODN032R	29-37.7374-	91.4159-4-51-000	8.4	185	2.80	0.122	201	.	3200	-0.001	12	12360	117.0	4410	0.9	0.66
MODN034R	29-37.7711-	91.3694-4-51-000	8.5	155	2.20	0.115	210	.	3600	-0.001	.	10590	109.0	4190	-0.1	0.74
MODN035R	29-37.7557-	91.3329-4-51-000	8.4	140	2.10	0.105	225	.	3800	-0.001	.	5840	110.0	3900	0.6	0.75
MODN036R	29-37.6359-	91.4810-4-51-000	8.6	30	0.10	0.035	324	.	3700	0.020	.	.	75.0	4280	-0.1	1.17
MODN038R	29-37.6665-	91.4409-4-51-000	7.6	120	1.70	0.116	242	.	3700	-0.001	46	9850	118.0	4480	1.0	0.97
MODN039R	29-37.6902-	91.4256-4-51-000	8.2	160	2.70	-0.002	267	.	3600	-0.001	27	10560	133.0	4970	0.9	0.00
MODN041R	29-37.6615-	91.3749-4-51-000	8.2	190	2.80	0.111	263	45.0	3300	-0.001	.	14090	142.0	4770	0.5	0.58
MODN042R	29-37.6463-	91.3525-4-51-000	8.1	120	1.90	-0.002	344	.	3300	-0.001	36	8530	105.0	4270	-0.1	-0.01
MODN043R	29-37.6029-	91.1770-4-51-000	8.1	160	2.40	0.101	123	.	3600	-0.001	.	8600	130.0	4530	-0.1	0.63
MODN044R	29-37.5955-	91.2083-4-51-000	8.2	100	1.20	0.084	273	.	3700	-0.001	21	7120	96.0	4130	0.7	0.84
MODN045R	29-37.6382-	91.1846-4-51-000	7.9	235	3.90	0.174	81	.	3600	-0.001	.	17020	83.0	4840	0.3	0.74
MODN046R	29-37.6607-	91.1880-4-51-000	8.2	230	3.30	0.236	75	.	3700	-0.001	20	13860	86.0	4340	-0.1	1.03
MODN047R	29-37.6285-	91.2255-4-51-000	8.4	150	2.00	0.117	213	.	3600	-0.001	21	8150	111.0	4530	1.2	0.78
MODN048R	29-37.6463-	91.2583-4-51-000	8.3	220	3.10	0.146	189	.	3400	-0.001	31	10850	159.0	4160	-0.1	0.66
MODN049R	29-37.6973-	91.2085-4-51-000	8.4	210	2.60	0.191	127	.	4000	-0.001	28	15160	140.0	3950	-0.1	0.91
MODN050R	29-37.6033-	91.2577-4-51-000	8.5	85	1.00	0.057	174	15.0	3800	-0.001	20	5600	90.0	4350	-0.1	0.67
MODN051R	29-37.6008-	91.3381-4-51-000	8.1	80	0.95	0.031	206	.	3500	-0.001	19	5430	84.0	4150	-0.1	0.39
MODN052R	29-37.5970-	91.3636-4-51-000	7.8	125	1.80	0.054	186	.	3500	-0.001	23	6020	105.0	4540	0.4	0.43
MODN059R	29-37.5187-	91.3643-4-51-000	8.4	25	0.06	0.061	358	.	3100	-0.001	34	.	64.0	4100	-0.1	2.44
MODN062R	29-37.4530-	91.6189-4-51-000	6.7	180	3.00	0.173	195	.	4300	-0.001	41	11770	132.0	4500	-0.1	0.96
MODN063R	29-37.4256-	91.6066-4-51-000	8.2	300	4.10	-0.002	80	37.0	3600	-0.001	.	23240	65.0	4260	-0.1	0.00
MODN069R	29-37.4487-	91.4294-4-51-000	8.7	110	1.30	0.078	195	.	3000	-0.001	.	5840	92.0	4050	-0.1	0.71
MODN070R	29-37.4263-	91.4075-4-51-000	8.4	210	3.30	0.144	110	.	3400	-0.001	.	13600	66.0	4480	-0.1	0.69
MODN071R	29-37.4538-	91.3803-4-51-000	8.7	125	1.90	0.058	154	27.0	3700	-0.001	.	10420	100.0	3820	0.7	0.46
MODN072R	29-37.4284-	91.3431-4-51-000	8.3	90	1.20	0.047	189	.	2900	-0.001	.	4800	80.0	4170	-0.1	0.52
MODN073R	29-37.4398-	91.3097-4-51-000	8.3	160	2.40	0.104	99	.	3700	-0.001	.	9410	106.0	3890	0.4	0.65
MODN074R	29-37.4190-	91.3057-4-51-000	8.4	160	2.50	0.117	78	18.0	3400	-0.001	.	14260	121.0	3940	-0.1	0.73
MODN075R	29-37.4188-	91.2841-4-51-000	8.4	170	2.50	0.058	73	.	2400	-0.001	.	7030	112.0	3820	-0.1	0.34
MODN076R	29-37.4677-	91.2532-4-51-000	8.4	135	1.90	0.077	179	.	3300	-0.001	30	8540	107.0	4290	0.5	0.57
MODN077R	29-37.6356-	91.5926-4-51-000	6.8	70	0.50	0.059	241	31.0	3900	-0.001	43	1770	274.0	4420	0.3	0.84
MODN078R	29-37.6122-	91.6176-4-51-000	7.2	100	0.65	0.068	227	.	9500	-0.001	40	5310	272.0	6440	-0.1	0.68
MODN079R	29-37.5972-	91.5910-4-51-000	7.3	70	0.45	0.057	188	29.0	6900	-0.001	34	2600	193.0	5450	-0.1	0.81
MODN080R	29-37.5520-	91.6435-4-51-000	7.4	70	0.45	0.044	95	.	6700	-0.001	27	2200	186.0	5160	-0.1	0.63
MODN082R	29-37.5520-	91.5497-4-51-000	7.3	50	0.30	0.023	114	.	5700	-0.001	95	1820	196.0	5220	-0.1	0.46
MODN086R	29-37.5834-	91.7445-4-51-000	7.4	40	0.16	0.027	128	90.0	4400	-0.001	.	.	144.0	4570	-0.1	0.68
MODN087R	29-37.5589-	91.7470-4-51-000	7.2	60	0.45	0.069	255	.	3600	-0.001	27	2620	95.0	4320	-0.1	1.15
MODN088R	29-37.5309-	91.7364-4-51-000	7.2	90	0.45	0.036	97	.	6600	-0.001	37	5200	188.0	4840	0.5	0.40
MODN090R	29-37.4881-	91.7361-4-51-000	7.8	135	1.90	0.077	145	.	4400	-0.001	.	6180	145.0	4500	-0.1	0.57
MODN091R	29-37.4573-	91.6974-4-51-000	8.1	150	2.00	0.090	102	.	4000	-0.001	20	7840	132.0	4160	-0.1	0.60

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.		PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MODN092R	29-37.4281-	91.6902-4-51-000	8.5	180	2.70	0.108	240	.	3200	-0.001	28	11680	133.0	4610	0.7	0.60
MODU003R	29-36.0134-	89.9660-4-51-000	7.9	420	4.40	0.209	15	.	10200	1.420	29	.	.	3290	-0.1	0.50
MODU004R	29-36.0477-	90.0184-4-51-000	7.7	250	2.20	1.428	19	.	10700	-0.001	.	.	.	6200	-0.1	5.71
MODU007R	29-36.1967-	90.1197-4-51-000	7.3	270	2.40	0.115	26	.	9600	-0.001	.	.	216.0	2800	0.5	0.43
MODU009R	29-36.1858-	90.1911-4-51-000	7.9	290	2.30	0.081	44	.	12400	-0.001	.	.	148.0	3140	0.3	0.28
MODU012R	29-36.0975-	90.2451-4-51-000	7.5	340	3.20	0.571	26	511.0	10000	-0.001	57	.	1358.0	2140	-0.1	1.68
MODU013R	29-36.0695-	90.2985-4-51-000	7.7	300	2.90	0.089	12	.	11800	-0.001	.	.	.	M	0.5	0.30
MODU014R	29-36.0415-	90.3224-4-51-000	7.9	300	2.70	0.104	20	44.0	9700	-0.001	44	.	284.0	3280	0.4	0.35
MODU015R	29-36.0437-	90.2095-4-51-000	7.8	300	2.60	0.060	14	70.0	11700	-0.001	.	.	173.0	4150	-0.1	0.20
MODU016R	29-36.0626-	90.2161-4-51-000	7.7	300	2.50	0.067	15	42.0	8700	-0.001	60	.	241.0	3280	0.3	0.22
MODU017R	29-36.0931-	90.2045-4-51-000	8.0	270	2.30	0.077	30	25.0	9700	-0.001	.	.	116.0	3620	0.2	0.29
MODU022R	29-36.2532-	90.0618-4-51-000	8.2	250	2.10	0.049	54	22.0	8700	-0.001	62	.	159.0	2770	-0.1	0.20
MODU028R	29-36.4464-	90.0866-4-51-000	5.8	350	0.96	0.083	171	18.0	19000	-0.001	.	.	459.0	13170	-0.1	0.24
MODU029R	29-36.4730-	90.0393-4-51-000	6.4	175	1.15	0.257	149	.	10600	-0.001	30	.	441.0	3350	-0.1	1.47
MODU032R	29-36.5161-	90.0584-4-51-000	6.8	350	2.80	0.172	42	.	19500	-0.001	54	.	439.0	7640	-0.1	0.49
MODU041R	29-36.5812-	90.0430-4-51-000	7.3	410	3.00	0.230	219	.	44400	-0.001	.	.	683.0	18910	-0.1	0.56
MODU050R	29-36.5746-	90.1524-4-51-000	7.7	190	1.20	0.377	519	62.0	19600	-0.001	180	.	75.0	10370	2.3	1.98
MODU051R	29-36.5591-	90.1531-4-51-000	8.0	250	2.30	0.660	188	.	14500	2.310	64	.	.	8850	-0.1	2.64
MOHL001R	29-37.0009-	91.8530-4-51-000	7.3	50	0.30	0.030	154	26.0	4800	-0.001	.	.	84.0	3530	0.4	0.60
MOHL002R	29-36.9931-	91.8116-4-51-000	7.1	65	0.26	0.029	170	43.0	6100	-0.001	49	.	96.0	4130	-0.1	0.45
MOHL003R	29-37.0189-	91.7422-4-51-000	6.6	50	0.16	0.059	469	15.0	4100	-0.001	.	.	179.0	3090	1.2	1.18
MOHL004R	29-36.9595-	91.7199-4-51-000	6.6	65	0.40	0.028	111	30.0	4500	-0.001	51	.	97.0	2770	0.6	0.43
MOHL005R	29-36.9485-	91.7722-4-51-000	6.7	60	0.24	0.064	379	28.0	4700	-0.001	32	.	97.0	3170	1.5	1.07
MOHL006R	29-36.8802-	91.7695-4-51-000	6.3	70	0.12	0.063	910	.	4600	-0.001	.	.	195.0	3410	2.0	0.90
MOHL007R	29-36.7498-	91.8766-4-51-000	6.3	65	0.30	0.028	116	15.0	5000	-0.001	31	.	85.0	3310	0.3	0.43
MOHL008R	29-36.7691-	91.7500-4-51-000	6.4	90	0.54	0.029	251	.	5400	-0.001	20	.	184.0	790	0.7	0.32
MOHL009R	29-36.7890-	91.7844-4-51-000	6.4	105	0.88	0.010	59	16.0	4200	-0.001	20	.	111.0	840	-0.1	0.10
MOHL012R	29-36.8342-	91.8311-4-51-000	6.8	50	0.24	0.019	403	57.0	3800	-0.001	.	.	58.0	510	1.1	0.38
MOHL013R	29-36.8451-	91.8624-4-51-000	7.7	90	0.48	0.062	452	37.0	5700	-0.001	98	.	65.0	900	1.1	0.69
MOHL015R	29-36.7862-	92.0738-4-51-000	7.0	70	0.42	0.059	794	29.0	3700	-0.001	84	.	131.0	390	1.8	0.84
MOHL020R	29-36.9366-	91.8947-4-51-000	7.0	130	1.18	0.153	629	50.0	4800	-0.001	36	.	1596.0	580	1.6	1.18
MOHL021R	29-36.9346-	91.9954-4-51-000	6.7	90	1.10	0.018	121	23.0	4600	-0.001	11	.	261.0	560	0.5	0.20
MOHL022R	29-36.9834-	92.0113-4-51-000	6.9	280	2.30	0.211	131	21.0	4500	-0.001	25	.	146.0	1230	-0.1	0.75
MOHL023R	29-37.0232-	92.0501-4-51-000	7.5	315	3.20	0.211	71	.	4200	-0.001	20	.	.	920	0.3	0.67
MOHL024R	29-37.0463-	91.9593-4-51-000	7.0	90	0.60	-0.002	82	35.0	4000	-0.001	45	.	70.0	1240	-0.1	-0.01
MOHL025R	29-36.6570-	91.9879-4-51-000	7.6	210	2.20	0.040	63	.	3100	-0.001	86	.	120.0	1290	0.2	0.19
MOHL026R	29-36.7699-	91.9669-4-51-000	7.3	90	1.00	0.024	42	35.0	3400	-0.001	38	.	98.0	1630	0.3	0.27
MOHL027R	29-36.7187-	92.0368-4-51-000	7.3	160	1.70	0.096	511	33.0	4100	-0.001	78	.	136.0	1330	0.6	0.60
MOHL028R	29-36.6989-	91.9996-4-51-000	7.0	260	2.60	0.156	84	1331.0	4200	-0.001	60	.	137.0	1650	0.4	0.60
MOHL029R	29-36.6363-	92.0524-4-51-000	7.4	700	5.40	0.402	232	.	21900	-0.001	69	.	1396.0	3280	2.0	0.57
MOHL030R	29-36.5689-	92.0699-4-51-000	7.7	330	3.70	0.253	60	.	4300	1.530	22	.	161.0	1700	0.2	0.77
MOHL031R	29-36.5136-	92.0897-4-51-000	7.4	470	4.90	0.572	55	.	4700	-0.001	42	.	168.0	2050	-0.1	1.22
MOHL032R	29-36.5102-	91.9839-4-51-000	7.7	160	1.40	0.053	54	21.0	5300	-0.001	27	.	100.0	1800	0.3	0.33
MOHL033R	29-36.6945-	91.9141-4-51-000	7.8	170	1.70	0.168	143	.	4100	-0.001	71	.	112.0	1400	-0.1	0.99
MOHL034R	29-36.6297-	91.9285-4-51-000	7.7	70	0.58	0.032	195	.	4700	-0.001	93	.	108.0	1830	0.3	0.46
MOHL035R	29-36.5781-	91.9856-4-51-000	7.5	280	2.80	0.280	94	.	5600	1.820	30	.	153.0	2090	0.4	1.00
MOHL036R	29-36.5584-	91.9380-4-51-000	7.4	250	2.50	0.247	274	.	4200	-0.001	28	.	158.0	1720	1.1	0.99
MOHL037R	29-36.5264-	91.9150-4-51-000	7.1	310	2.50	0.050	60	17.0	3900	-0.001	39	.	318.0	1560	0.3	0.16
MOHL039R	29-36.5789-	91.8214-4-51-000	7.6	300	2.70	0.181	43	30.0	4100	-0.001	62	.	171.0	1590	0.5	0.60
MOHL040R	29-36.5189-	91.7564-4-51-000	7.9	400	4.10	0.171	27	44.0	3700	-0.001	21	18590	.	1790	0.6	0.43
MOHL041R	29-36.6927-	91.7337-4-51-000	7.5	70	0.58	0.015	121	33.0	3800	-0.001	152	.	218.0	1180	0.5	0.21
MOHL042R	29-36.6873-	91.8449-4-51-000	7.6	135	0.60	0.046	279	43.0	6000	-0.001	195	.	183.0	1630	-0.1	0.34
MOHL043R	29-36.6234-	91.8184-4-51-000	7.7	110	0.90	0.050	180	.	4300	-0.001	53	.	108.0	1550	0.5	0.45
MOIR001R	29-37.5554-	90.6393-4-51-000	6.5	130	1.30	0.099	162	.	3900	-0.001	20	9310	227.0	5100	-0.1	0.76

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.		PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOIR002R	29-37.5300-	90.6299-4-51-000	7.5	90	1.00	0.020	53	.	M	-0.001	29	2430	106.0	4030	-0.1	0.22
MOIR003R	29-37.5062-	90.6290-4-51-000	7.3	50	0.42	0.043	391	.	2700	-0.001	29	4250	110.0	4730	0.5	0.86
MOIR004R	29-37.5097-	90.5829-4-51-000	7.4	170	2.40	0.066	178	.	3800	-0.001	21	10530	151.0	4780	0.5	0.39
MOIR005R	29-37.4811-	90.6015-4-51-000	8.1	110	1.20	0.046	168	.	3000	-0.001	38	8660	130.0	4380	0.5	0.42
MOIR006R	29-37.4462-	90.6310-4-51-000	8.0	40	0.30	0.043	381	.	M	-0.001	.	.	101.0	4330	-0.1	1.08
MOIR007R	29-37.4261-	90.6315-4-51-000	7.5	45	0.38	0.019	112	.	M	-0.001	20	1350	158.0	4150	-0.1	0.42
MOIR008R	29-37.3781-	90.5853-4-51-000	7.5	100	1.20	0.037	96	.	3300	-0.001	.	6110	58.0	780	-0.1	0.37
MOIR009R	29-37.3621-	90.5712-4-51-000	7.8	135	1.70	0.066	87	.	3000	-0.001	.	8380	.	840	-0.1	0.49
MOIR010R	29-37.3821-	90.6074-4-51-000	8.0	100	1.20	0.066	134	.	2900	0.010	.	4120	17.0	860	-0.1	0.66
MOIR011R	29-37.3432-	90.6162-4-51-000	8.0	75	0.90	0.049	83	.	M	-0.001	.	3520	36.0	600	0.8	0.65
MOIR012R	29-37.3343-	90.5772-4-51-000	7.9	110	1.30	0.057	112	.	M	-0.001	13	6890	30.0	1610	-0.1	0.52
MOIR013R	29-37.3002-	90.5878-4-51-000	7.9	140	2.00	0.113	127	.	2400	-0.001	13	8790	16.0	1360	0.7	0.81
MOIR014R	29-37.2854-	90.6211-4-51-000	8.6	180	2.50	0.128	80	.	3300	-0.001	.	9310	43.0	1900	0.4	0.71
MOIR015R	29-37.2956-	90.7084-4-51-000	8.5	60	0.65	0.030	152	20.0	1900	-0.001	.	.	49.0	1100	0.4	0.50
MOIR016R	29-37.2757-	90.7408-4-51-000	7.8	90	1.40	0.061	178	.	1600	-0.001	.	4810	75.0	1380	-0.1	0.68
MOIR018R	29-37.3108-	90.6690-4-51-000	7.8	165	2.60	0.100	67	.	1200	-0.001	.	10950	47.0	1100	-0.1	0.61
MOIR019R	29-37.3380-	90.6880-4-51-000	8.0	160	2.20	0.111	109	16.0	1900	-0.001	.	7240	118.0	1070	0.4	0.69
MOIR020R	29-37.3637-	90.6760-4-51-000	8.3	90	1.20	0.045	101	29.0	2700	-0.001	.	3490	79.0	1770	0.4	0.50
MOIR021R	29-37.3663-	90.7042-4-51-000	8.0	80	1.20	0.029	71	12.0	2200	-0.001	.	4450	59.0	1430	-0.1	0.36
MOIR022R	29-37.3458-	90.7318-4-51-000	7.7	40	0.30	0.013	91	.	2100	-0.001	14	1770	74.0	1130	-0.1	0.33
MOIR023R	29-37.4357-	90.7435-4-51-000	8.3	70	1.50	0.067	175	21.0	1800	-0.001	.	5330	108.0	1220	-0.1	0.96
MOIR025R	29-37.4705-	90.6742-4-51-000	8.1	100	1.50	0.066	213	38.0	2000	-0.001	.	7590	105.0	1120	-0.1	0.66
MOIR026R	29-37.4848-	90.7298-4-51-000	8.2	60	0.75	0.046	148	.	2200	-0.001	.	.	78.0	1770	0.4	0.77
MOIR027R	29-37.4674-	90.7681-4-51-000	8.1	55	0.70	0.037	211	17.0	2100	-0.001	25	2720	74.0	1640	0.9	0.67
MOIR028R	29-37.4982-	90.6977-4-51-000	7.8	110	1.40	0.041	155	.	2000	-0.001	34	6260	100.0	1150	0.8	0.37
MOIR029R	29-37.5204-	90.7508-4-51-000	8.2	80	0.95	0.045	211	.	2400	-0.001	.	6130	77.0	1610	-0.1	0.56
MOIR030R	29-37.5395-	90.6873-4-51-000	8.0	70	0.90	0.038	162	.	2100	-0.001	.	3580	78.0	2040	0.4	0.54
MOIR031R	29-37.6021-	90.7292-4-51-000	8.0	75	0.85	0.046	140	81.0	3000	-0.001	42	1710	77.0	1650	0.5	0.61
MOIR032R	29-37.5999-	90.6977-4-51-000	8.0	60	0.85	0.055	128	.	2100	-0.001	.	5440	66.0	2040	0.5	0.92
MOIR033R	29-37.5761-	90.5788-4-51-000	7.9	120	1.50	0.100	151	59.0	3400	-0.001	.	6310	106.0	1870	-0.1	0.83
MOIR034R	29-37.5384-	90.5529-4-51-000	8.3	65	0.65	0.029	115	22.0	2800	-0.001	27	1400	73.0	2320	-0.1	0.45
MOIR035R	29-37.6098-	90.5547-4-51-000	7.9	30	0.06	0.048	89	20.0	2200	-0.001	.	1600	66.0	2150	0.4	1.60
MOIR036R	29-37.6066-	90.6031-4-51-000	7.5	40	0.30	0.069	139	.	1800	-0.001	29	1990	55.0	1930	-0.1	1.73
MOIR037R	29-37.6308-	90.6200-4-51-000	7.4	140	1.20	-0.002	163	14.0	3600	-0.001	82	2500	81.0	4860	-0.1	0.00
MOIR038R	29-37.6902-	90.6630-4-51-000	8.0	140	1.10	0.155	157	22.0	3500	-0.001	102	7280	100.0	3450	0.5	1.11
MOIR039R	29-37.7255-	90.6668-4-51-000	8.3	35	0.24	0.044	166	25.0	2400	-0.001	.	.	61.0	2390	-0.1	1.26
MOIR040R	29-37.7080-	90.7251-4-51-000	8.3	200	2.30	0.190	93	20.0	4000	-0.001	19	11360	132.0	3150	0.4	0.95
MOIR041R	29-37.6698-	90.7208-4-51-000	8.3	220	2.70	0.159	66	42.0	2500	-0.001	14	11030	133.0	2400	-0.1	0.72
MOIR042R	29-37.6563-	90.6949-4-51-000	8.3	200	0.95	0.142	110	.	2800	-0.001	23	13280	126.0	3380	-0.1	0.71
MOIR043R	29-37.6214-	90.7537-4-51-000	8.4	150	1.10	0.070	95	30.0	2600	-0.001	.	6520	84.0	2760	-0.1	0.47
MOIR044R	29-37.7377-	90.7609-4-51-000	8.4	250	2.90	0.266	86	39.0	4100	-0.001	15	12490	62.0	2900	-0.1	1.06
MOIR045R	29-37.7190-	90.8052-4-51-000	8.3	200	2.10	-0.002	63	.	2600	-0.001	.	12520	123.0	3460	-0.1	0.00
MOIR046R	29-37.6994-	90.8422-4-51-000	8.3	230	2.50	-0.002	47	38.0	5500	-0.001	.	12800	54.0	3290	-0.1	0.00
MOIR047R	29-37.7039-	90.9153-4-51-000	8.2	140	1.90	0.139	94	32.0	2400	-0.001	.	6460	108.0	1950	-0.1	0.99
MOIR048R	29-37.7289-	90.9252-4-51-000	8.2	120	1.50	0.055	106	18.0	2600	-0.001	.	5860	103.0	2050	0.3	0.46
MOIR049R	29-37.6878-	91.0522-4-51-000	8.1	75	0.65	0.063	97	38.0	2500	-0.001	.	3040	95.0	1920	-0.1	0.84
MOIR050R	29-37.7100-	91.0394-4-51-000	7.8	135	1.50	0.115	114	.	2000	-0.001	.	7730	106.0	2200	-0.1	0.85
MOIR051R	29-37.7281-	91.0474-4-51-000	8.0	230	2.90	0.178	108	.	2700	-0.001	.	12300	150.0	1990	-0.1	0.77
MOIR052R	29-37.6953-	91.0995-4-51-000	8.3	280	3.10	-0.002	125	36.0	2800	-0.001	18	19790	185.0	2190	0.4	0.00
MOIR053R	29-37.7174-	91.1120-4-51-000	8.2	390	3.80	0.423	62	110.0	8400	-0.001	.	21610	81.0	4900	0.5	1.08
MOIR054R	29-37.6510-	91.1375-4-51-000	7.8	1000	0.90	0.382	303	337.0	21700	-0.001	262	23200	638.0	19880	-0.1	0.38
MOIR055R	29-37.6430-	91.0405-4-51-000	8.5	300	3.80	0.214	126	57.0	3100	0.020	20	14360	181.0	2430	0.9	0.71
MOIR056R	29-37.6083-	91.0168-4-51-000	8.2	350	3.10	-0.002	105	86.0	5400	-0.001	28	19280	93.0	4030	-0.1	0.00
MOIR058R	29-37.6185-	90.9686-4-51-000	8.4	220	2.00	0.174	98	.	2500	-0.001	20	12740	154.0	2260	0.4	0.79
MOIR059R	29-37.6580-	90.9691-4-51-000	8.4	200	2.20	0.170	213	.	2400	-0.001	49	12720	80.0	2410	-0.1	0.85

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
M01R060R	29-37.6655-90.9941-4-51-000	8.2	190	2.40	0.175	120	31.0	2400	-0.001	.	12170	138.0	2420	-0.1	0.92
M01R061R	29-37.6208-90.9155-4-51-000	8.3	140	1.40	0.115	108	.	2700	-0.001	29	9320	112.0	2580	-0.1	0.82
M01R062R	29-37.6429-90.9205-4-51-000	8.0	200	2.30	0.145	101	62.0	3100	-0.001	.	12430	137.0	2360	1.1	0.73
M01R063R	29-37.6703-90.8919-4-51-000	8.1	130	1.40	0.076	132	.	2600	-0.001	23	7360	115.0	2650	0.5	0.58
M01R064R	29-37.6934-90.8176-4-51-000	8.0	135	1.20	0.038	70	.	2900	-0.001	20	8340	126.0	3030	0.3	0.28
M01R065R	29-37.6953-90.7787-4-51-000	8.3	190	2.10	0.165	118	.	3100	0.020	.	9850	155.0	2990	-0.1	0.87
M01R067R	29-37.6310-90.8163-4-51-000	8.3	80	0.65	0.026	154	174.0	2200	-0.001	.	1130	118.0	4200	1.4	0.33
M01W003R	29-37.0714-93.8453-4-51-000	8.0	285	2.00	0.189	333	111.0	12100	-0.001	.	2680	57.0	12990	-0.1	0.66
M01W004R	29-37.0575-93.8932-4-51-000	7.3	220	1.20	0.073	206	79.0	10400	-0.001	.	2990	56.0	12460	-0.1	0.33
M01W008R	29-37.0145-93.9493-4-51-000	8.8	245	1.40	0.175	221	100.0	9000	-0.001	43	3360	62.0	12020	0.3	0.71
M01W012R	29-36.9420-94.0014-4-51-000	7.8	380	2.10	0.367	223	111.0	16500	-0.001	30	3140	94.0	25270	-0.1	0.97
M01W014R	29-36.9620-93.8784-4-51-000	8.0	180	0.70	0.055	234	42.0	11900	-0.001	45	4230	70.0	13030	0.8	0.31
M01W016R	29-36.9926-93.8433-4-51-000	7.6	290	1.60	0.163	345	53.0	10000	-0.001	.	1950	79.0	12360	-0.1	0.56
M01W017R	29-36.9835-93.8959-4-51-000	7.7	195	1.40	0.054	375	79.0	13400	-0.001	.	4800	74.0	13280	0.5	0.28
M01W027R	29-37.1615-94.0204-4-51-000	7.1	328	2.50	0.285	228	91.0	7200	-0.001	15	2520	82.0	12870	0.4	0.87
M01W028R	29-37.1514-94.0036-4-51-000	7.5	380	2.50	-0.002	192	102.0	9300	-0.001	30	.	60.0	12770	-0.1	0.00
M01W033R	29-37.2272-94.0289-4-51-000	7.0	268	2.30	0.312	209	69.0	7200	-0.001	47	2460	74.0	13920	0.6	1.16
M01W034R	29-37.2669-94.0197-4-51-000	7.4	247	1.40	-0.002	528	87.0	9500	-0.001	118	1830	178.0	16430	1.5	0.00
M01W035R	29-37.2760-93.9840-4-51-000	8.6	310	2.00	-0.002	708	92.0	11300	-0.001	194	.	331.0	18310	2.2	0.00
M01W036R	29-37.2594-93.9471-4-51-000	7.0	262	2.60	0.391	204	68.0	7500	-0.001	91	5130	993.0	14390	0.5	1.49
M01W037R	29-37.2155-94.0018-4-51-000	7.2	380	2.70	-0.002	240	103.0	8500	-0.001	71	1850	172.0	12720	0.5	0.00
M01W039R	29-37.1676-93.9014-4-51-000	7.1	310	2.40	-0.002	215	23.0	6700	-0.001	25	1580	411.0	13090	1.0	0.00
M01W043R	29-37.1596-93.6320-4-51-000	8.2	342	2.70	0.242	212	41.0	9400	-0.001	.	1180	64.0	12590	-0.1	0.71
M01W045R	29-37.2706-93.6248-4-51-000	8.2	425	2.90	0.396	196	104.0	8300	-0.001	.	9170	95.0	11570	-0.1	0.93
M01W048R	29-37.1828-93.7004-4-51-000	8.2	303	2.10	0.199	206	64.0	8200	-0.001	32	4680	84.0	13010	0.7	0.66
M01W049R	29-37.2040-93.8652-4-51-000	6.9	193	1.88	0.071	223	48.0	5600	-0.001	29	.	127.0	12770	0.5	0.37
M01W050R	29-37.1952-93.8377-4-51-000	7.0	320	2.40	0.309	400	141.0	7600	-0.001	55	1440	783.0	12460	-0.1	0.97
M01W056R	29-37.2642-93.6895-4-51-000	7.6	310	2.68	-0.002	394	65.0	5100	-0.001	19	2470	237.0	12210	1.2	0.00
M01W057R	29-37.2340-93.7033-4-51-000	7.9	390	3.20	-0.002	352	24.0	6500	-0.001	.	3280	76.0	12700	1.0	0.00
M01W061R	29-37.1510-93.8158-4-51-000	7.5	270	1.70	0.340	311	84.0	8400	-0.001	26	.	148.0	13080	1.2	1.26
M01W062R	29-36.9473-93.7903-4-51-000	7.1	269	2.00	0.153	231	64.0	8200	-0.001	21	.	59.0	13180	0.3	0.57
M01W064R	29-37.1006-93.7626-4-51-000	7.4	303	2.28	0.361	304	22.0	7000	-0.001	57	1990	98.0	12770	0.5	1.19
M01W066R	29-37.0903-93.7402-4-51-000	7.8	210	1.24	0.030	242	76.0	6600	-0.001	38	3200	200.0	13720	0.5	0.14
M01W067R	29-37.0549-93.6957-4-51-000	7.9	325	2.36	-0.002	230	52.0	8800	-0.001	.	1680	70.0	13830	0.5	0.00
M01W068R	29-37.0403-93.7309-4-51-000	7.6	292	1.96	0.249	226	.	6900	0.010	32	3100	62.0	12740	-0.1	0.85
M01W070R	29-37.1161-93.6781-4-51-000	7.4	310	2.84	0.189	269	161.0	8800	-0.001	30	10400	89.0	12890	0.6	0.61
M01W071R	29-37.1211-93.6448-4-51-000	7.9	320	2.64	0.208	262	123.0	11200	-0.001	.	4250	74.0	13080	0.9	0.65
M01W073R	29-37.0347-93.6360-4-51-000	7.9	325	2.36	0.295	422	133.0	10800	-0.001	.	.	72.0	13550	1.4	0.91
M01W074R	29-37.0174-93.6412-4-51-000	7.8	360	2.48	0.385	841	120.0	13200	-0.001	.	1560	100.0	14740	2.4	1.07
M01W075R	29-37.0155-93.6962-4-51-000	8.1	390	2.76	-0.002	409	63.0	7200	-0.001	18	2600	70.0	12540	0.6	0.00
M01W006R	29-36.7349-94.1085-4-51-000	7.3	243	1.70	0.142	190	107.0	8000	-0.001	.	1310	44.0	13080	-0.1	0.58
M01W010R	29-36.7091-94.4860-4-51-000	7.8	257	1.70	-0.002	241	105.0	12500	-0.001	.	2080	48.0	13550	-0.1	0.00
M01W012R	29-36.7497-94.4963-4-51-000	7.7	283	1.70	0.247	183	85.0	10400	-0.001	.	.	51.0	13540	-0.1	0.87
M01W014R	29-36.7444-94.3591-4-51-000	7.9	345	1.90	0.283	339	93.0	9200	-0.001	29	3650	66.0	12000	1.3	0.82
M01W015R	29-36.7290-94.3523-4-51-000	7.5	244	1.60	0.263	254	62.0	9400	-0.001	28	.	53.0	13170	0.8	1.08
M01W016R	29-36.7230-94.3024-4-51-000	7.9	263	2.40	0.242	178	42.0	5700	-0.001	18	1380	50.0	12420	0.6	0.92
M01W023R	29-36.6369-94.2446-4-51-000	7.8	347	1.90	0.212	212	66.0	8300	-0.001	38	.	44.0	12150	0.6	0.61
M01W028R	29-36.6920-94.0668-4-51-000	7.1	306	2.00	0.246	191	43.0	8400	-0.001	20	.	47.0	12370	0.5	0.80
M01W030R	29-36.6631-94.5290-4-51-000	7.5	255	1.50	0.222	203	58.0	10400	-0.001	26	.	52.0	13730	-0.1	0.87
M01W032R	29-36.6513-94.6092-4-51-000	8.0	286	2.00	0.245	221	77.0	9800	-0.001	.	.	36.0	13590	1.0	0.86
M01W036R	29-36.6988-94.5870-4-51-000	7.1	267	1.60	0.178	258	70.0	9600	-0.001	30	1200	107.0	12640	-0.1	0.67
M01W040R	29-36.5122-94.4757-4-51-000	7.6	266	2.10	0.224	263	40.0	6300	-0.001	27	.	60.0	13100	-0.1	0.84
M01W043R	29-36.5102-94.6028-4-51-000	7.4	203	1.60	-0.002	47	89.0	7100	-0.001	.	.	66.0	7080	0.7	0.00
M01W044R	29-36.5501-94.4697-4-51-000	7.5	250	1.90	0.111	41	20.0	3400	-0.001	12	2950	82.0	5310	0.3	0.44
M01W045R	29-36.5195-94.3878-4-51-000	7.4	232	2.00	0.274	81	46.0	2900	-0.001	15	3470	82.0	5700	0.6	1.18

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.		PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOMC056R	29-36.5911-	94.5372-4-51-000	7.5	308	2.60	-0.002	83	56.0	6500	-0.001	.	.	69.0	6990	0.3	0.00
MOMC062R	29-36.5084-	94.0872-4-51-000	8.0	260	2.90	0.169	224	38.0	7500	-0.001	.	1560	78.0	6470	1.1	0.65
MOMC074R	29-36.5182-	94.2745-4-51-000	8.1	290	2.80	0.204	118	21.0	5600	-0.001	45	.	77.0	5940	-0.1	0.70
MOMD001R	29-37.3609-	90.4162-4-51-000	8.8	220	2.10	0.278	114	.	3000	-0.001	45	12390	154.0	5910	2.5	1.26
MOMD002R	29-37.4101-	90.4676-4-51-000	8.4	130	1.20	0.089	108	.	3900	-0.001	.	5820	114.0	5380	0.7	0.68
MOMD003R	29-37.3812-	90.4987-4-51-000	8.1	180	1.60	0.078	62	.	3400	-0.001	16	11640	130.0	4960	0.5	0.43
MOMD005R	29-37.3944-	90.5400-4-51-000	8.0	160	1.50	0.055	77	.	2200	-0.001	.	5510	102.0	4970	0.3	0.34
MOMD006R	29-37.3487-	90.5332-4-51-000	7.9	120	1.20	0.051	96	.	2900	-0.001	14	5200	98.0	4310	-0.1	0.43
MOMD007R	29-37.3379-	90.4930-4-51-000	7.9	310	3.10	0.140	65	.	3200	-0.001	.	11940	142.0	4660	-0.1	0.45
MOMD009R	29-37.3670-	90.3649-4-51-000	8.3	130	1.30	0.059	81	26.0	4000	-0.001	.	4630	98.0	5120	-0.1	0.45
MOMD010R	29-37.6155-	90.5019-4-51-000	8.0	100	0.30	0.957	72	40.0	6800	-0.001	146	.	91.0	9320	-0.1	9.57
MOMD011R	29-37.5862-	90.5075-4-51-000	8.0	135	0.90	0.276	73	.	4600	-0.001	34	4380	107.0	6700	-0.1	2.04
MOMD012R	29-37.5476-	90.5046-4-51-000	8.0	50	0.24	0.082	105	.	3100	-0.001	24	4630	87.0	4850	-0.1	1.64
MOMD013R	29-37.5528-	90.4642-4-51-000	7.6	140	0.95	0.066	157	.	5600	-0.001	105	6350	137.0	7830	1.9	0.47
MOMD014R	29-37.5625-	90.4184-4-51-000	7.8	85	0.42	0.050	100	.	4400	-0.001	57	.	108.0	5710	0.9	0.59
MOMD015R	29-37.5732-	90.3839-4-51-000	8.0	150	1.10	0.077	99	.	5100	-0.001	123	6330	114.0	8020	1.2	0.51
MOMD016R	29-37.5760-	90.4001-4-51-000	8.0	60	0.28	0.043	132	.	3700	-0.001	49	4240	96.0	5960	1.1	0.72
MOMD017R	29-37.5865-	90.4376-4-51-000	7.6	120	0.75	0.110	100	.	5600	-0.001	118	4080	120.0	6940	-0.1	0.92
MOMD019R	29-37.6335-	90.3839-4-51-000	7.6	80	0.34	0.015	103	.	5600	-0.001	36	4930	106.0	6500	0.5	0.19
MOMD020R	29-37.5402-	90.3573-4-51-000	9.1	300	2.80	0.381	84	106.0	5500	-0.001	.	10580	139.0	5600	1.0	1.27
MOMD021R	29-37.5284-	90.3805-4-51-000	8.5	310	2.70	0.287	78	.	5600	-0.001	.	15780	160.0	5480	0.7	0.93
MOMD022R	29-37.4968-	90.4698-4-51-000	8.3	60	0.30	0.046	89	.	3400	-0.001	16	2310	75.0	4280	-0.1	0.77
MOMD023R	29-37.4499-	90.5368-4-51-000	8.1	200	1.80	0.086	118	.	3900	-0.001	31	5890	114.0	4390	0.3	0.43
MOMD025R	29-37.4472-	90.4331-4-51-000	8.1	180	1.70	0.085	79	.	3200	-0.001	.	7340	95.0	4850	-0.1	0.47
MOMD026R	29-37.4947-	90.3878-4-51-000	8.1	210	1.90	0.095	62	.	3800	-0.001	17	8570	124.0	4880	0.6	0.45
MOMD027R	29-37.5047-	90.3607-4-51-000	8.0	150	1.60	0.038	77	.	3700	-0.001	.	3860	101.0	4250	-0.1	0.25
MOMD028R	29-37.5384-	90.3161-4-51-000	8.2	255	2.40	0.139	65	.	5100	-0.001	.	7720	115.0	4810	0.4	0.55
MOMD029R	29-37.5115-	90.3127-4-51-000	8.2	220	2.20	0.139	67	.	3300	-0.001	.	5870	102.0	4580	0.2	0.63
MOMD030R	29-37.4690-	90.3002-4-51-000	7.9	50	0.26	0.010	83	20.0	2700	-0.001	.	.	345.0	4180	-0.1	0.20
MOMD031R	29-37.3999-	90.2782-4-51-000	6.7	30	0.08	0.029	155	.	3100	-0.001	.	2570	88.0	4880	-0.1	0.97
MOMD033R	29-37.3237-	90.3133-4-51-000	6.9	85	0.80	0.013	110	.	3000	-0.001	36	5540	96.0	4600	-0.1	0.15
MOMD034R	29-37.3993-	90.2436-4-51-000	7.8	110	1.10	0.035	67	.	3300	-0.001	14	6990	113.0	4870	-0.1	0.32
MOMD035R	29-37.3880-	90.2170-4-51-000	7.8	110	1.30	0.060	59	.	2500	-0.001	.	5120	92.0	4190	-0.1	0.55
MOMD036R	29-37.3531-	90.2134-4-51-000	7.9	215	2.40	0.172	66	.	4100	-0.001	.	14550	65.0	4510	-0.1	0.80
MOMD037R	29-37.3272-	90.2285-4-51-000	8.2	225	2.40	0.233	64	38.0	3400	-0.001	.	13300	159.0	4870	-0.1	1.04
MOMD039R	29-37.3645-	90.1546-4-51-000	8.5	80	0.75	0.028	71	.	2600	-0.001	.	3330	84.0	4310	0.4	0.35
MOMD040R	29-37.3929-	90.1589-4-51-000	7.9	160	1.70	0.106	73	.	2600	-0.001	26	8430	105.0	3980	-0.1	0.66
MOMD041R	29-37.4475-	90.2306-4-51-000	8.4	135	1.30	0.094	85	.	3700	-0.001	23	8640	109.0	4920	-0.1	0.70
MOMD042R	29-37.5000-	90.1992-4-51-000	8.3	200	2.10	0.132	79	.	4100	-0.001	12	12850	142.0	4810	0.3	0.66
MOMD043R	29-37.4811-	90.1760-4-51-000	8.2	230	2.30	0.183	79	.	4200	-0.001	.	13400	164.0	5000	0.4	0.80
MOMD044R	29-37.5353-	90.1785-4-51-000	8.4	250	2.40	0.224	83	.	4200	-0.001	38	15420	166.0	5320	0.3	0.90
MOMD045R	29-37.5720-	90.2287-4-51-000	8.2	140	1.20	0.077	91	32.0	3800	-0.001	.	6950	135.0	5780	-0.1	0.55
MOMD046R	29-37.5783-	90.1634-4-51-000	8.2	130	1.20	0.079	48	.	2900	-0.001	29	9090	91.0	4770	0.6	0.61
MOMD047R	29-37.6053-	90.1830-4-51-000	8.0	90	0.75	0.038	59	.	3600	-0.001	34	4860	96.0	5070	-0.1	0.42
MOMD048R	29-37.5918-	90.2581-4-51-000	8.1	320	2.40	-0.002	76	.	3600	-0.001	16	17770	87.0	5480	-0.1	0.00
MOMD049R	29-37.5826-	90.2843-4-51-000	8.3	310	2.50	0.488	77	.	5400	-0.001	64	20410	198.0	6150	0.6	1.57
MOMD050R	29-37.6199-	90.2858-4-51-000	8.2	270	2.20	0.349	92	.	6200	-0.001	31	16910	207.0	7580	-0.1	1.29
MOMD051R	29-37.5384-	90.2536-4-51-000	8.3	170	1.80	0.142	89	.	3600	-0.001	21	7520	127.0	5510	0.5	0.84
MOMD052R	29-37.4174-	90.3997-4-51-000	8.4	90	0.85	0.050	101	.	3200	-0.001	.	3310	94.0	4590	-0.1	0.56
MOMD053R	29-37.4505-	90.2953-4-51-000	8.0	155	1.40	-0.002	85	35.0	4600	-0.001	.	9810	133.0	5100	-0.1	0.00
MOMD055R	29-37.4297-	90.3061-4-51-000	8.1	120	1.10	0.021	90	.	3100	0.010	17	6910	100.0	4510	-0.1	0.18
MOMS001R	29-36.8053-	89.4475-4-51-000	8.6	195	1.60	0.214	194	.	9800	-0.001	57	.	67.0	3160	1.7	1.10
MOMS002R	29-36.8374-	89.4681-4-51-000	8.3	190	1.30	0.060	142	10.0	14800	-0.001	.	.	.	M	0.3	0.32
MOMS003R	29-36.8651-	89.4836-4-51-000	8.4	195	1.50	0.109	106	.	10500	-0.001	60	.	56.0	3190	0.2	0.56
MOMS004R	29-36.8498-	89.4448-4-51-000	8.3	120	1.50	0.070	136	.	10700	-0.001	.	.	186.0	4150	0.5	0.58

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.		PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MONS005R	29-36.8497-	89.4177-4-51-000	8.2	110	1.60	0.069	127	.	10100	-0.001	78	.	180.0	2930	0.4	0.63
MONS006R	29-36.8218-	89.3761-4-51-000	8.0	180	1.70	-0.002	52	.	9200	-0.001	.	.	47.0	2110	-0.1	0.00
MONS009R	29-36.8223-	89.2544-4-51-000	7.5	290	3.00	0.267	112	.	9400	-0.001	131	.	148.0	4190	0.4	0.92
MONS010R	29-36.8515-	89.2060-4-51-000	7.7	220	2.00	0.468	693	.	11000	-0.001	17	.	204.0	4850	1.9	2.13
MONS012R	29-36.8497-	89.2819-4-51-000	7.8	250	2.10	0.367	179	.	9700	-0.001	87	.	264.0	3740	0.9	1.47
MONS013R	29-36.8501-	89.3624-4-51-000	7.7	190	1.60	0.041	89	52.0	12200	-0.001	.	.	161.0	2300	0.3	0.22
MONS014R	29-36.8784-	89.3474-4-51-000	8.7	300	1.50	0.144	102	.	16900	-0.001	146	.	89.0	11170	2.0	0.48
MONS017R	29-36.8934-	89.4063-4-51-000	8.0	115	1.50	0.018	58	.	7900	-0.001	.	.	81.0	2960	0.2	0.16
MONS018R	29-36.8718-	89.4111-4-51-000	8.7	160	1.40	-0.002	88	47.0	9500	-0.001	50	.	99.0	3000	-0.1	0.00
MONS021R	29-36.9811-	89.2415-4-51-000	7.9	315	2.00	1.345	296	.	11900	1.830	.	.	.	4690	-0.1	4.27
MONS023R	29-37.0064-	89.2461-4-51-000	7.4	550	5.20	0.190	322	92.0	15700	-0.001	37	.	342.0	5610	-0.1	0.35
MONS025R	29-36.9728-	89.3768-4-51-000	7.9	220	1.90	0.056	73	.	7100	0.880	.	.	.	M	-0.1	0.25
MONS026R	29-36.7634-	89.3691-4-51-000	8.0	280	1.70	0.069	99	57.0	11800	-0.001	123	.	188.0	5980	-0.1	0.25
MONS027R	29-36.7844-	89.4208-4-51-000	8.3	180	1.30	0.040	81	.	12400	-0.001	.	.	148.0	2930	-0.1	0.22
MONS028R	29-36.7311-	89.3917-4-51-000	7.8	225	1.70	0.124	48	.	12000	-0.001	46	.	298.0	6010	0.3	0.55
MONS029R	29-36.6763-	89.3280-4-51-000	7.8	320	2.50	0.323	57	39.0	8500	-0.001	64	.	115.0	4850	-0.1	1.01
MONS030R	29-36.6567-	89.2749-4-51-000	8.5	400	3.50	0.201	52	58.0	8600	-0.001	156	.	187.0	4590	0.8	0.50
MONS031R	29-36.7914-	89.3666-4-51-000	7.5	190	1.50	0.022	17	39.0	10000	-0.001	.	.	64.0	3010	-0.1	0.12
MONS032R	29-36.7923-	89.3299-4-51-000	7.9	235	2.10	0.256	25	52.0	8400	-0.001	85	.	307.0	3620	0.3	1.09
MONS033R	29-36.7996-	89.2270-4-51-000	9.1	210	0.28	0.057	36	30.0	11600	-0.001	59	6570	.	2690	0.3	0.27
MONS036R	29-36.6844-	89.2078-4-51-000	9.9	340	3.40	0.286	56	.	10800	-0.001	58	.	101.0	3980	2.9	0.84
MONS037R	29-36.7081-	89.2397-4-51-000	8.2	370	3.50	0.300	26	.	7600	-0.001	168	.	183.0	3780	0.6	0.81
MONS038R	29-36.7631-	89.3353-4-51-000	8.0	255	2.00	0.250	57	40.0	9000	-0.001	29	.	206.0	2650	0.5	0.98
MONS003R	29-36.5039-	89.6426-4-51-000	7.6	550	2.30	0.413	148	49.0	55100	-0.001	595	.	220.0	31180	-0.1	0.75
MONS004R	29-36.4859-	89.6137-4-51-000	7.6	370	1.20	0.268	M	.	M	-0.001	.	.	5.0	17890	-0.1	0.72
MONS008R	29-36.4630-	89.6136-4-51-000	9.1	320	1.90	0.375	79	.	18400	-0.001	1717	.	81.0	11360	0.7	1.17
MONS011R	29-36.4374-	89.6230-4-51-000	7.7	280	2.40	0.284	36	.	13500	1.410	370	.	53.0	8660	-0.1	1.01
MONS012R	29-36.4391-	89.6656-4-51-000	7.5	265	2.40	0.520	22	.	15100	-0.001	681	.	93.0	6140	0.3	1.96
MONS013R	29-36.5121-	89.5896-4-51-000	7.8	350	0.90	0.367	M	.	16300	-0.001	.	.	.	17640	-0.1	1.05
MONS026R	29-36.6241-	89.8789-4-51-000	6.7	160	0.40	0.046	68	.	15000	-0.001	180	.	30.0	3320	-0.1	0.29
MONS028R	29-36.5669-	89.8980-4-51-000	8.8	225	1.90	0.264	63	.	9800	-0.001	70	.	44.0	4370	0.9	1.17
MONS030R	29-36.5243-	89.8426-4-51-000	8.2	100	0.40	0.070	115	.	11700	-0.001	83	.	21.0	1750	1.0	0.70
MONS033R	29-36.4224-	89.8959-4-51-000	8.4	270	2.10	0.250	34	.	9200	-0.001	70	.	58.0	5080	0.4	0.93
MONS034R	29-36.4083-	89.9020-4-51-000	8.7	280	2.10	0.288	33	.	8500	-0.001	145	6320	.	5390	1.1	1.03
MONS035R	29-36.4103-	89.9397-4-51-000	9.0	185	1.30	0.072	52	42.0	10600	-0.001	.	.	64.0	3140	0.4	0.39
MONS036R	29-36.4469-	89.9417-4-51-000	8.7	180	1.20	0.090	38	41.0	12100	-0.001	43	.	77.0	4790	1.0	0.50
MONS037R	29-36.4660-	89.8926-4-51-000	8.5	275	2.30	0.204	17	.	9100	-0.001	41	.	71.0	5600	-0.1	0.74
MONS040R	29-36.6386-	89.6258-4-51-000	8.3	240	2.00	0.086	118	.	11300	-0.001	93	.	127.0	3030	-0.1	0.36
MONS042R	29-36.7313-	89.6913-4-51-000	8.8	220	1.80	1.099	258	.	12000	1.150	.	.	55.0	5010	1.0	5.00
MONS045R	29-36.6779-	89.4064-4-51-000	8.4	200	1.80	0.227	71	.	10700	-0.001	97	.	130.0	4000	1.0	1.14
MONS048R	29-36.7642-	89.4977-4-51-000	7.9	180	1.80	0.051	43	19.0	9700	-0.001	.	.	215.0	2790	0.2	0.28
MONS051R	29-36.8401-	89.6186-4-51-000	7.9	230	3.80	0.073	40	13.0	10700	-0.001	58	.	279.0	3130	-0.1	0.32
MONS055R	29-36.7630-	89.6387-4-51-000	7.9	240	1.80	0.067	51	.	11800	-0.001	.	.	.	M	-0.1	0.28
MONS056R	29-36.7634-	89.6078-4-51-000	8.0	240	1.80	0.033	29	.	8500	-0.001	42	.	187.0	2580	-0.1	0.14
MONS057R	29-36.7924-	89.6088-4-51-000	8.0	220	1.60	0.038	54	.	9300	-0.001	34	.	211.0	3170	-0.1	0.17
MONW003R	29-37.0316-	94.1088-4-51-000	7.5	240	1.80	0.186	314	57.0	4000	-0.001	225	3310	1058.0	13360	-0.1	0.78
MONW006R	29-37.0153-	94.2389-4-51-000	7.3	240	1.80	0.091	245	74.0	6200	-0.001	34	4030	65.0	13200	-0.1	0.38
MONW009R	29-36.9927-	94.2164-4-51-000	7.9	200	1.90	0.164	284	94.0	8100	-0.001	18	3670	147.0	13270	0.3	0.82
MONW012R	29-36.9405-	94.1206-4-51-000	8.0	250	1.90	0.223	451	90.0	7800	-0.001	21	.	54.0	11780	0.6	0.89
MONW019R	29-37.0207-	94.4688-4-51-000	7.3	245	3.30	0.335	201	37.0	5800	-0.001	.	3010	62.0	12140	0.4	1.37
MONW020R	29-37.0345-	94.5236-4-51-000	8.0	280	2.60	-0.002	360	50.0	6800	-0.001	34	1620	63.0	13380	1.2	0.00
MONW023R	29-36.9616-	94.4200-4-51-000	7.8	265	2.00	0.204	258	53.0	6100	-0.001	53	2080	73.0	13260	0.8	0.77
MONW029R	29-36.8092-	94.4686-4-51-000	7.5	272	1.90	-0.002	177	89.0	9700	-0.001	.	1090	51.0	14930	0.5	0.00
MONW030R	29-36.8257-	94.4710-4-51-000	7.5	228	1.60	0.195	206	58.0	6900	-0.001	17	2350	52.0	13980	-0.1	0.86
MONW031R	29-36.8310-	94.4169-4-51-000	7.4	520	1.30	0.106	351	.	32000	0.030	216	.	127.0	50240	1.5	0.20

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MONM033R	29-36.8972-94.3484-4-51-000	7.3	295	1.90	-0.002	106	20.0	8600	-0.001	.	.	212.0	13380	1.3	0.00
MONM036R	29-36.9176-94.5002-4-51-000	8.0	250	1.40	0.152	177	64.0	5100	-0.001	31	3650	93.0	12230	0.6	0.61
MONM038R	29-36.8341-94.5748-4-51-000	7.6	265	1.70	0.222	197	61.0	7900	-0.001	.	.	49.0	13420	0.6	0.84
MONM050R	29-36.8962-94.1720-4-51-000	7.0	323	2.50	0.302	211	92.0	10900	-0.001	.	.	61.0	12910	-0.1	0.93
MONM055R	29-36.8358-94.2169-4-51-000	7.4	201	1.60	0.124	153	44.0	6000	-0.001	14	.	70.0	13250	0.6	0.62
MONM056R	29-36.8490-94.1786-4-51-000	7.2	290	2.20	-0.002	390	63.0	10900	-0.001	28	.	70.0	13560	1.3	0.00
MONM057R	29-36.8225-94.1950-4-51-000	7.9	260	1.80	0.358	556	60.0	6400	-0.001	.	.	55.0	13060	1.1	1.38
MONM060R	29-36.7936-94.1003-4-51-000	7.0	60	0.30	0.236	1375	86.0	3200	-0.001	74	.	179.0	10360	2.2	3.93
MONM067R	29-36.7577-94.1001-4-51-000	6.7	241	1.50	0.177	113	124.0	7900	-0.001	33	.	58.0	12830	-0.1	0.73
MONM071R	29-36.9340-94.4403-4-51-000	7.4	270	3.10	0.172	103	86.0	8000	-0.001	.	1110	43.0	13730	-0.1	0.64
MONM073R	29-37.0015-94.5025-4-51-000	7.5	280	2.60	0.180	168	27.0	5900	-0.001	33	1870	86.0	12750	-0.1	0.64
MONM074R	29-37.0093-94.5266-4-51-000	7.8	265	2.60	-0.002	175	39.0	7900	-0.001	27	1100	46.0	13340	-0.1	0.00
MONM075R	29-36.9498-94.6146-4-51-000	7.7	160	1.50	0.038	186	62.0	5700	-0.001	37	1920	70.0	12140	0.8	0.24
MONM076R	29-36.9837-94.6135-4-51-000	7.4	240	2.00	0.237	272	48.0	7100	-0.001	47	.	67.0	12050	-0.1	0.99
MOOR003R	29-36.5751-91.3186-4-51-000	8.2	382	4.60	0.223	93	43.0	5700	-0.001	23	20690	.	1910	0.5	0.58
MOOR005R	29-36.5123-91.2796-4-51-000	7.6	461	4.70	0.242	143	.	6500	-0.001	36	21860	.	1880	-0.1	0.52
MOOR006R	29-36.6317-91.2091-4-51-000	7.4	295	1.90	0.094	106	45.0	4600	-0.001	30	.	193.0	1730	-0.1	0.32
MOOR013R	29-36.5534-91.2077-4-51-000	8.1	280	2.60	0.264	92	.	4500	-0.001	32	.	171.0	1740	0.5	0.94
MOOR014R	29-36.5417-91.1421-4-51-000	8.0	400	3.80	0.698	133	.	5300	-0.001	20	.	.	1910	-0.1	1.75
MOOR015R	29-36.6590-91.1599-4-51-000	7.8	230	2.00	0.074	131	.	4200	-0.001	24	.	98.0	1510	-0.1	0.32
MOOR016R	29-36.6062-91.1467-4-51-000	8.0	340	3.20	0.209	117	.	4300	1.580	20	.	136.0	1580	0.4	0.61
MOOR020R	29-36.7907-91.2723-4-51-000	7.8	300	2.60	0.189	114	.	5100	-0.001	16	.	165.0	2970	0.5	0.63
MOOR021R	29-36.8177-91.3662-4-51-000	8.2	288	2.40	0.205	262	.	5000	-0.001	31	.	149.0	2930	0.7	0.71
MOOR027R	29-36.7468-91.5657-4-51-000	7.8	340	2.90	0.146	77	.	4300	-0.001	40	.	136.0	3110	-0.1	0.43
MOOR029R	29-36.5322-91.6114-4-51-000	7.4	390	4.40	0.210	60	.	3000	-0.001	36	.	.	3010	-0.1	0.54
MOOR030R	29-36.6239-91.6248-4-51-000	7.3	60	0.30	0.079	945	30.0	2500	-0.001	59	.	115.0	2840	1.7	1.32
MOOR032R	29-36.6278-91.5509-4-51-000	7.8	450	3.20	0.370	71	15.0	2200	-0.001	54	.	.	2930	0.4	0.82
MOOR037R	29-36.7871-91.5872-4-51-000	7.7	270	2.60	0.140	60	.	2500	-0.001	22	.	140.0	3200	0.2	0.52
MOOR038R	29-36.8349-91.4540-4-51-000	7.1	300	3.00	0.112	61	.	2300	-0.001	32	.	154.0	2840	0.3	0.37
MOPE022R	29-36.0182-89.9296-4-51-000	7.8	470	6.80	0.229	141	.	10500	-0.001	143	.	388.0	4650	0.5	0.49
MOPE023R	29-36.0521-89.9066-4-51-000	8.0	210	1.90	0.717	116	23.0	9300	-0.001	113	.	225.0	3270	-0.1	3.41
MOPE024R	29-36.0125-89.8307-4-51-000	8.1	390	3.80	3.461	157	.	9000	-0.001	60	.	302.0	2720	0.7	8.37
MOPE029R	29-36.1784-89.8178-4-51-000	7.8	480	5.20	0.270	79	.	9800	-0.001	99	.	247.0	3800	1.3	0.56
MOPE033R	29-36.3492-89.8200-4-51-000	7.8	300	2.80	0.236	53	.	8900	-0.001	61	.	210.0	2360	-0.1	0.79
MOPE038R	29-36.1199-89.7713-4-51-000	7.8	425	4.30	0.151	99	.	9400	-0.001	92	.	322.0	2720	-0.1	0.36
MOPE039R	29-36.0901-89.7841-4-51-000	8.0	440	4.80	0.377	195	.	16200	1.340	.	.	.	13680	-0.1	0.86
MOPE040R	29-36.0915-89.6999-4-51-000	8.4	370	2.80	0.462	66	.	18100	-0.001	123	.	137.0	20340	0.9	1.25
MOPE042R	29-36.3550-89.6667-4-51-000	8.2	230	2.10	0.935	89	.	9800	-0.001	32	.	.	M	-0.1	4.07
MOPH008R	29-37.9879-91.5438-4-51-000	7.5	115	0.80	0.108	211	86.0	8100	-0.001	.	6290	71.0	1190	-0.1	0.94
MOPH009R	29-37.9925-91.5657-4-51-000	7.4	125	1.10	0.106	217	77.0	8200	-0.001	40	6770	66.0	1480	0.5	0.85
MOPH011R	29-37.9176-91.9295-4-51-000	8.0	185	2.30	0.239	177	50.0	8000	-0.001	62	14360	29.0	1850	-0.1	1.29
MOPH012R	29-37.8926-91.9377-4-51-000	7.9	180	2.30	0.125	105	50.0	6400	-0.001	.	11330	47.0	820	0.8	0.69
MOPH013R	29-37.8708-91.9277-4-51-000	8.0	215	2.20	0.165	75	76.0	8000	-0.001	.	13340	33.0	1280	-0.1	0.77
MOPH014R	29-37.8499-91.9482-4-51-000	8.0	200	2.30	0.188	112	78.0	8800	-0.001	22	13120	.	1610	-0.1	0.94
MOPH019R	29-37.7219-91.9972-4-51-000	8.1	230	2.50	0.220	86	79.0	8200	-0.001	.	14520	32.0	1720	-0.1	0.96
MOPH039R	29-37.9743-91.9147-4-51-000	8.6	230	3.30	0.891	73	46.0	9000	-0.001	.	15070	24.0	1680	0.7	3.87
MOPH040R	29-38.0018-91.9319-4-51-000	8.3	180	3.10	0.224	181	78.0	8900	-0.001	.	10900	40.0	2490	-0.1	1.24
MOPH045R	29-38.0345-91.8247-4-51-000	7.7	200	3.30	-0.002	71	50.0	10900	-0.001	.	16760	45.0	4360	-0.1	0.00
MOPH047R	29-38.0077-91.7856-4-51-000	7.4	245	2.80	0.260	103	59.0	15500	-0.001	73	14420	33.0	8560	-0.1	1.06
MOPH049R	29-38.0365-91.7390-4-51-000	7.5	160	2.30	0.082	161	91.0	10400	-0.001	.	9970	76.0	4520	0.7	0.51
MOPH075R	29-38.1476-91.5844-4-51-000	8.2	210	3.00	-0.002	225	85.0	9500	-0.001	45	8060	78.0	3620	-0.1	0.00
MOPR001R	29-37.6694-89.8584-4-51-000	7.0	180	1.34	0.225	514	.	22800	-0.001	.	.	393.0	7780	-0.1	1.25
MOPR002R	29-37.6528-89.9009-4-51-000	7.5	140	0.90	0.042	476	74.0	13400	-0.001	.	.	84.0	2030	0.9	0.30
MOPR003R	29-37.6194-89.9016-4-51-000	7.6	160	1.35	0.133	327	23.0	9400	-0.001	.	.	.	1650	0.4	0.83
MOPR004R	29-37.6403-89.8724-4-51-000	7.8	150	1.30	0.165	535	.	14200	-0.001	.	.	67.0	2530	0.5	1.10

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.		PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOPR005R	29-37.6182-	89.8483-4-51-000	7.8	160	1.30	0.132	386	.	12500	-0.001	.	.	93.0	2000	-0.1	0.83
MOPR006R	29-37.6150-	89.8088-4-51-000	7.9	280	1.95	0.339	454	.	16600	-0.001	.	.	99.0	4900	1.0	1.21
MOPR007R	29-37.6072-	89.7311-4-51-000	7.4	380	4.60	0.311	187	26.0	10200	-0.001	.	.	64.0	3670	0.2	0.82
MOPR008R	29-37.6183-	89.6574-4-51-000	7.7	290	3.20	0.404	250	32.0	12600	-0.001	.	.	56.0	4750	0.3	1.39
MOPR009R	29-37.6013-	89.6253-4-51-000	7.7	320	4.00	0.434	250	21.0	14700	-0.001	.	.	132.0	3850	-0.1	1.36
MOPR010R	29-37.5910-	89.5912-4-51-000	7.6	250	3.20	0.436	266	.	12100	-0.001	.	.	115.0	5290	0.6	1.74
MOPR011R	29-37.5925-	89.5525-4-51-000	7.1	125	0.58	0.046	448	25.0	13700	-0.001	.	.	65.0	2860	1.4	0.37
MOPR012R	29-37.6877-	89.9135-4-51-000	7.2	190	2.30	0.215	408	31.0	10000	-0.001	.	.	.	1410	0.5	1.13
MOPR013R	29-37.6410-	89.9651-4-51-000	7.2	60	0.38	0.004	226	.	9900	-0.001	.	.	.	1590	-0.1	0.07
MOPR014R	29-37.6164-	89.9546-4-51-000	7.2	120	0.95	0.050	119	14.0	11200	-0.001	.	.	60.0	2370	-0.1	0.42
MOPR015R	29-37.6183-	90.0552-4-51-000	7.2	120	1.30	0.101	257	.	11100	-0.001	.	7610	165.0	2920	-0.1	0.84
MOPR016R	29-37.6409-	90.1105-4-51-000	7.2	80	0.75	0.044	261	38.0	9400	-0.001	.	.	169.0	2890	-0.1	0.55
MOPR017R	29-37.6419-	90.0792-4-51-000	6.9	110	1.00	0.070	214	50.0	8200	-0.001	15	.	153.0	3110	0.8	0.64
MOPR018R	29-37.6662-	90.0806-4-51-000	6.9	160	2.30	0.140	123	71.0	8000	-0.001	17	9670	183.0	3720	-0.1	0.88
MOPR019R	29-37.6465-	90.0246-4-51-000	7.1	130	1.80	0.133	163	47.0	7200	-0.001	34	7000	187.0	3570	-0.1	1.02
MOPR021R	29-37.6867-	89.9863-4-51-000	7.3	180	1.90	0.219	246	.	9400	-0.001	.	8390	189.0	2810	-0.1	1.22
MOPR022R	29-37.7675-	89.9398-4-51-000	7.5	170	2.30	0.257	170	.	8800	-0.001	38	10660	187.0	2820	-0.1	1.51
MOPR023R	29-37.7342-	89.9279-4-51-000	7.6	190	2.30	0.299	200	80.0	10100	-0.001	.	9210	201.0	3670	-0.1	1.57
MOPR024R	29-37.7104-	89.9417-4-51-000	7.5	210	2.50	0.254	156	108.0	8300	-0.001	46	11590	199.0	3000	-0.1	1.21
MOPR025R	29-37.7386-	89.9626-4-51-000	7.8	210	2.80	0.259	201	56.0	8800	-0.001	.	11060	204.0	3360	-0.1	1.23
MOPR026R	29-37.7539-	90.0246-4-51-000	7.9	210	2.70	-0.002	236	.	10900	-0.001	.	11410	191.0	3190	-0.1	0.00
MOPR027R	29-37.7651-	89.9912-4-51-000	7.9	220	2.80	0.311	224	74.0	9200	0.010	.	11630	193.0	3220	-0.1	1.41
MOPR028R	29-37.8066-	89.9804-4-51-000	7.8	90	0.85	0.158	1488	.	11200	-0.001	68	3460	198.0	3610	2.9	1.76
MOPR029R	29-37.8140-	89.9315-4-51-000	7.8	180	1.25	0.371	1103	85.0	12700	-0.001	123	8600	158.0	4690	3.6	2.06
MOPR030R	29-37.8582-	89.9395-4-51-000	7.7	170	1.70	0.279	1237	.	12300	-0.001	72	4140	230.0	5340	2.1	1.64
MOPR031R	29-37.8424-	89.8888-4-51-000	7.7	140	1.15	0.363	2008	.	12200	-0.001	115	.	223.0	5140	4.2	2.59
MOPR032R	29-37.8250-	89.8804-4-51-000	7.8	180	1.70	-0.002	2430	.	12800	-0.001	141	.	268.0	4640	9.1	0.00
MOPR033R	29-37.8014-	89.8982-4-51-000	8.0	180	1.70	0.329	2686	.	13900	-0.001	116	7350	195.0	5260	6.8	1.83
MOPR034R	29-37.7668-	89.8131-4-51-000	7.8	210	2.20	0.451	1200	.	14300	-0.001	.	3980	178.0	6710	2.4	2.15
MOPR035R	29-37.7981-	89.8052-4-51-000	7.8	180	2.40	-0.002	1184	.	13100	-0.001	75	6040	410.0	7610	1.6	0.00
MOPR036R	29-37.7088-	89.8333-4-51-000	7.7	180	1.80	-0.002	1487	62.0	11200	-0.001	57	4930	174.0	5350	2.9	0.00
MOPR037R	29-37.7392-	89.7569-4-51-000	7.9	270	3.60	0.459	978	.	11000	-0.001	84	.	176.0	6060	-0.1	1.70
MOPR038R	29-37.7221-	89.7621-4-51-000	8.2	310	3.60	-0.002	874	.	11100	-0.001	86	.	157.0	6980	2.0	0.00
MOPR039R	29-37.6927-	89.7491-4-51-000	8.3	300	3.60	-0.002	1088	.	13700	-0.001	.	.	166.0	6790	1.2	0.00
MOPR042R	29-37.6415-	89.7169-4-51-000	8.5	320	3.70	0.289	1093	32.0	13700	0.090	.	.	49.0	4150	1.3	0.90
MOPR043R	29-37.6517-	89.6655-4-51-000	8.1	260	3.30	0.167	637	1485.0	9300	-0.001	.	.	51.0	3500	0.8	0.64
MOPR044R	29-37.6560-	89.6244-4-51-000	8.7	300	3.70	0.223	514	.	14400	-0.001	.	.	47.0	3220	-0.1	0.74
MOPR045R	29-37.6136-	89.5779-4-51-000	8.4	300	4.50	0.433	484	35.0	10600	-0.001	.	.	.	3900	0.5	1.44
MOPR046R	29-37.6448-	89.5443-4-51-000	8.3	230	3.10	0.165	806	19.0	12100	-0.001	.	.	42.0	3350	0.5	0.72
MOPR047R	29-37.6644-	89.5732-4-51-000	8.4	290	4.10	0.202	436	25.0	10700	-0.001	.	.	47.0	3520	0.6	0.70
MOPR048R	29-37.6777-	89.6404-4-51-000	8.4	280	4.00	0.193	414	39.0	11500	-0.001	.	.	46.0	3090	0.8	0.69
MOPR049R	29-37.7016-	89.6258-4-51-000	8.5	260	4.10	0.169	390	35.0	10600	-0.001	.	.	30.0	2540	0.5	0.65
MOPR050R	29-37.7107-	89.7095-4-51-000	8.5	270	3.90	0.251	599	40.0	11100	-0.001	.	.	44.0	4280	1.2	0.93
MOPR051R	29-37.7026-	89.6866-4-51-000	8.1	310	3.80	0.280	763	.	12400	-0.001	.	.	42.0	4380	1.0	0.90
MOPR052R	29-37.7799-	89.7255-4-51-000	7.9	290	3.80	0.409	551	.	15000	-0.001	.	.	83.0	4370	0.6	1.41
MOPR053R	29-37.7979-	89.7498-4-51-000	7.9	270	4.10	0.749	446	24.0	11700	0.100	.	.	120.0	3600	-0.1	2.77
MOPR054R	29-37.8127-	89.7805-4-51-000	8.7	180	2.70	0.709	186	.	8000	-0.001	.	.	38.0	2920	0.4	3.94
MOPR055R	29-37.8745-	89.8672-4-51-000	8.1	350	6.30	2.899	279	.	11400	-0.001	.	.	48.0	3480	-0.1	8.28
MOPR056R	29-37.8533-	89.8209-4-51-000	8.4	220	3.00	1.374	447	.	9900	-0.001	.	.	38.0	1970	1.0	6.25
MORE001R	29-37.5501-	90.8557-4-51-000	8.2	50	0.40	0.020	101	25.0	2800	-0.001	.	2690	41.0	1650	-0.1	0.40
MORE002R	29-37.5958-	90.8711-4-51-000	7.5	85	0.80	0.027	76	.	2200	-0.001	.	2730	100.0	4050	-0.1	0.32
MORE003R	29-37.5816-	90.8098-4-51-000	7.7	55	0.42	0.026	86	15.0	2600	-0.001	.	3280	96.0	4000	-0.1	0.47
MORE004R	29-37.5191-	90.8661-4-51-000	7.6	145	1.30	0.071	74	29.0	2700	-0.001	.	10440	135.0	4170	-0.1	0.49
MORE005R	29-37.4892-	90.8876-4-51-000	8.0	150	1.70	0.136	80	.	2700	-0.001	52	9150	133.0	4250	-0.1	0.91
MORE007R	29-37.4618-	90.7846-4-51-000	8.1	75	0.75	0.038	118	19.0	2100	-0.001	.	3220	104.0	4330	-0.1	0.51

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MORE008R	29-37.4688-90.8309-4-51-000	7.7	150	1.60	0.070	60	.	2300	-0.001	.	7570	129.0	4000	-0.1	0.47
MORE009R	29-37.4935-90.8376-4-51-000	8.0	90	0.95	0.034	167	63.0	2100	-0.001	.	4840	109.0	4280	-0.1	0.38
MORE010R	29-37.4043-91.0248-4-51-000	7.9	30	0.06	0.036	132	16.0	2400	-0.001	.	.	85.0	3960	-0.1	1.20
MORE011R	29-37.3864-91.0529-4-51-000	6.8	20	0.02	0.028	132	.	2400	-0.001	.	670	93.0	3650	-0.1	1.40
MORE012R	29-37.3837-91.1068-4-51-000	6.6	25	0.06	0.026	84	30.0	2200	-0.001	.	820	87.0	4240	-0.1	1.04
MORE013R	29-37.3582-91.1242-4-51-000	6.8	190	0.80	0.089	M	.	M	-0.001	.	M	.	M	-0.1	0.47
MORE014R	29-37.3329-91.1129-4-51-000	7.4	30	0.12	0.020	137	.	3500	-0.001	26	2250	96.0	4700	-0.1	0.67
MORE018R	29-37.3047-91.1136-4-51-000	7.2	30	0.18	0.015	64	32.0	2100	-0.001	.	.	88.0	3840	-0.1	0.50
MORE019R	29-37.3448-91.1594-4-51-000	7.1	45	0.34	0.042	377	.	3100	-0.001	.	1620	104.0	4270	-0.1	0.93
MORE022R	29-37.2138-91.0686-4-51-000	6.9	40	0.18	0.036	287	.	3800	-0.001	35	.	97.0	4520	-0.1	0.90
MORE023R	29-37.1761-91.0490-4-51-000	5.4	250	2.80	0.179	119	.	3400	-0.001	32	15430	177.0	4660	-0.1	0.72
MORE024R	29-37.2215-91.0343-4-51-000	8.2	160	1.30	0.062	82	.	6900	-0.001	.	8750	145.0	5180	-0.1	0.39
MORE025R	29-37.2329-90.9980-4-51-000	7.7	145	1.30	0.075	120	.	3200	-0.001	.	7400	149.0	4140	-0.1	0.52
MORE028R	29-37.3274-90.9964-4-51-000	5.0	30	0.04	0.018	216	.	3200	-0.001	.	1180	96.0	3740	-0.1	0.60
MORE029R	29-37.3362-91.0318-4-51-000	5.9	20	0.04	0.018	195	.	2900	-0.001	19	3090	88.0	3910	0.3	0.90
MORE030R	29-37.3219-90.9614-4-51-000	6.3	30	0.14	0.016	230	17.0	3300	-0.001	27	2930	101.0	4770	0.8	0.53
MORE031R	29-37.2977-90.9544-4-51-000	6.5	40	0.24	0.037	344	.	3200	-0.001	.	1370	109.0	3670	-0.1	0.93
MORE033R	29-37.1034-90.9934-4-51-000	7.0	75	0.80	0.031	149	.	3400	-0.001	.	3920	121.0	3800	-0.1	0.41
MORE035R	29-37.1476-90.9408-4-51-000	7.5	120	1.30	0.071	81	.	4000	-0.001	.	6010	130.0	4280	-0.1	0.59
MORE036R	29-37.1465-90.8889-4-51-000	7.7	140	1.40	0.092	54	.	4700	-0.001	.	7410	154.0	4470	0.4	0.66
MORE037R	29-37.1118-90.8905-4-51-000	8.0	120	1.50	0.088	69	.	4300	-0.001	.	7040	134.0	4150	-0.1	0.73
MORE038R	29-37.0952-90.9020-4-51-000	7.3	140	0.95	0.043	85	.	5200	-0.001	.	6070	125.0	4570	-0.1	0.31
MORE039R	29-37.1092-90.9273-4-51-000	7.2	105	0.95	0.071	59	.	4100	-0.001	17	5000	130.0	4510	-0.1	0.68
MORE040R	29-37.1099-90.8480-4-51-000	7.8	95	0.95	0.053	83	.	3400	-0.001	.	6080	131.0	3860	0.4	0.56
MORE041R	29-37.0583-90.8823-4-51-000	8.1	20	0.08	0.019	124	.	2900	-0.001	27	1290	99.0	4720	-0.1	0.90
MORE042R	29-37.0644-90.8335-4-51-000	7.1	40	0.36	0.025	101	28.0	1800	-0.001	10	890	110.0	3860	-0.1	0.63
MORE045R	29-37.1378-90.8684-4-51-000	7.5	150	1.70	0.096	70	.	4400	-0.001	.	6240	154.0	4330	-0.1	0.64
MORE046R	29-37.1992-90.9307-4-51-000	8.2	35	0.18	0.031	112	.	3400	-0.001	.	.	102.0	4030	-0.1	0.89
MORE048R	29-37.2240-90.8943-4-51-000	7.3	130	0.85	0.045	139	.	3300	-0.001	.	4980	114.0	4490	-0.1	0.35
MORE049R	29-37.2582-90.9257-4-51-000	7.7	90	0.85	0.048	73	.	4000	-0.001	37	4310	109.0	4110	-0.1	0.53
MORE051R	29-37.5832-90.9341-4-51-000	8.1	100	1.00	0.037	84	.	3300	-0.001	17	2540	108.0	4130	-0.1	0.37
MORE052R	29-37.5474-90.9226-4-51-000	7.9	200	2.60	0.080	82	25.0	3200	-0.001	45	13200	155.0	4450	-0.1	0.40
MORE053R	29-37.5348-90.9571-4-51-000	8.3	150	1.70	0.091	134	.	3200	-0.001	.	6970	142.0	3890	0.5	0.61
MORE054R	29-37.5358-90.9794-4-51-000	8.1	80	0.75	0.036	200	.	2900	-0.001	22	3950	112.0	4100	-0.1	0.45
MORE055R	29-37.5506-91.0057-4-51-000	8.0	30	0.12	0.028	130	.	3100	-0.001	.	.	99.0	3890	0.6	0.93
MORE056R	29-37.5658-91.0205-4-51-000	7.5	50	0.42	0.028	190	.	3100	-0.001	.	1820	98.0	3810	-0.1	0.56
MORE057R	29-37.5903-91.0564-4-51-000	7.7	310	1.80	0.108	101	.	9400	-0.001	50	10390	206.0	7120	-0.1	0.35
MORE058R	29-37.5616-91.0573-4-51-000	8.1	115	1.10	0.054	115	.	3000	-0.001	.	2230	108.0	4260	-0.1	0.47
MORE059R	29-37.5636-91.1125-4-51-000	8.2	70	0.70	0.056	320	25.0	3400	-0.001	22	3700	108.0	3900	0.8	0.80
MORE060R	29-37.5110-90.8135-4-51-000	8.0	65	0.42	0.016	164	.	3200	-0.001	.	2960	111.0	4040	-0.1	0.25
MORE061R	29-37.5192-90.7809-4-51-000	7.8	105	0.95	0.016	130	.	3000	-0.001	.	5670	122.0	4530	0.4	0.15
MORE062R	29-37.4352-90.8196-4-51-000	8.0	90	0.95	0.033	M	.	M	-0.001	.	M	.	M	-0.1	0.37
MORE063R	29-37.4072-90.8194-4-51-000	8.0	150	1.60	0.108	117	.	3300	-0.001	20	6940	155.0	4000	0.3	0.72
MORE064R	29-37.4214-90.8505-4-51-000	8.3	50	0.48	0.051	102	.	3100	-0.001	.	2760	110.0	3920	0.3	1.02
MORE065R	29-37.3974-90.8835-4-51-000	7.4	20	0.04	0.014	120	27.0	3100	-0.001	.	.	113.0	4150	-0.1	0.70
MORE067R	29-37.3491-90.8984-4-51-000	6.8	25	0.06	0.031	98	42.0	2000	-0.001	.	.	92.0	4220	-0.1	1.24
MORE068R	29-37.3412-90.8307-4-51-000	6.7	30	0.18	0.022	97	46.0	2100	-0.001	.	.	.	4140	-0.1	0.73
MORE069R	29-37.3643-90.8264-4-51-000	6.8	40	0.34	0.029	158	33.0	2300	-0.001	17	3200	108.0	4010	-0.1	0.73
MORE070R	29-37.3175-90.7775-4-51-000	7.4	70	0.75	0.014	71	.	2000	-0.001	11	3500	127.0	4050	-0.1	0.20
MORE071R	29-37.2731-90.8004-4-51-000	7.7	60	0.55	0.083	132	14.0	2700	-0.001	.	2200	118.0	3600	-0.1	1.38
MORE072R	29-37.3156-90.8794-4-51-000	7.9	30	0.16	0.025	85	32.0	2200	-0.001	.	1270	109.0	3970	-0.1	0.83
MORE073R	29-37.2951-90.8745-4-51-000	8.0	120	1.30	0.066	125	57.0	1900	-0.001	.	8540	147.0	4060	0.5	0.55
MORE074R	29-37.2715-90.8448-4-51-000	8.2	60	0.65	0.043	120	15.0	2100	-0.001	20	4000	117.0	4000	-0.1	0.72
MORE075R	29-37.4562-90.9691-4-51-000	7.7	170	1.80	0.085	79	23.0	2300	-0.001	16	10380	165.0	4180	0.2	0.50
MORE076R	29-37.4321-90.9453-4-51-000	8.2	90	1.00	0.052	163	40.0	2400	-0.001	22	4960	126.0	4350	-0.1	0.58

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000	
MORE077R	29-37.4221-	90.9758-4-51-000	7.9	80	0.80	0.036	225	51.0	2500	-0.001	.	5190	130.0	3650	0.4	0.45
MORE078R	29-37.4410-	91.0928-4-51-000	7.9	70	0.75	0.056	133	.	2300	-0.001	.	6360	127.0	4470	0.6	0.80
MORE079R	29-37.4433-	91.0662-4-51-000	7.8	110	1.30	0.085	91	.	2300	-0.001	.	6830	144.0	3770	-0.1	0.77
MORE080R	29-37.4546-	91.0420-4-51-000	8.1	120	1.50	0.077	85	.	2500	-0.001	30	6250	140.0	4060	-0.1	0.64
MORE081R	29-37.4866-	91.0535-4-51-000	8.0	180	2.20	0.097	69	101.0	2200	-0.001	.	11150	159.0	3790	0.9	0.54
MORE082R	29-37.4938-	91.0302-4-51-000	8.2	150	1.80	0.135	231	30.0	2300	-0.001	50	7400	158.0	4250	0.6	0.90
MORE083R	29-37.5095-	91.0879-4-51-000	8.3	150	1.80	0.144	140	14.0	2300	-0.001	24	7370	150.0	3720	-0.1	0.96
MORE084R	29-37.4530-	91.1294-4-51-000	8.2	50	0.45	0.045	245	26.0	2200	-0.001	.	1720	117.0	4400	-0.1	0.90
MORE085R	29-37.4451-	91.1771-4-51-000	7.4	25	0.08	0.028	191	.	2000	-0.001	25	.	100.0	4210	-0.1	1.12
MORE086R	29-37.4191-	91.1978-4-51-000	7.1	30	0.12	0.039	130	19.0	2100	-0.001	.	1460	103.0	3450	-0.1	1.30
MORE087R	29-37.4793-	91.1673-4-51-000	7.2	110	1.20	0.037	61	.	3100	-0.001	.	6500	128.0	4070	-0.1	0.34
MORE088R	29-37.5007-	91.1947-4-51-000	8.0	120	1.20	0.109	96	.	2900	-0.001	.	4850	130.0	4110	-0.1	0.91
MORE089R	29-37.5340-	91.2676-4-51-000	8.1	100	0.95	0.049	162	.	3700	-0.001	.	4920	132.0	4060	0.5	0.49
MORE090R	29-37.5442-	91.2403-4-51-000	8.0	140	1.60	0.082	79	.	3100	-0.001	31	5530	138.0	4080	-0.1	0.59
MORE091R	29-37.5666-	91.2760-4-51-000	8.1	60	0.55	0.025	161	.	3200	-0.001	.	4100	124.0	4280	0.4	0.42
MORE092R	29-37.5282-	91.2231-4-51-000	7.8	210	2.30	0.158	70	13.0	3500	-0.001	.	12210	170.0	4500	-0.1	0.75
MORE093R	29-37.5145-	91.1996-4-51-000	8.1	170	1.80	0.104	96	.	3400	-0.001	22	8180	148.0	4030	0.5	0.61
MORE094R	29-37.5023-	91.1402-4-51-000	8.1	305	2.00	0.210	45	20.0	9100	-0.001	78	17110	178.0	9380	0.4	0.69
MORE095R	29-37.5270-	91.1380-4-51-000	8.3	370	1.80	0.319	157	212.0	14300	-0.001	94	12990	236.0	14080	-0.1	0.86
MORE096R	29-37.5659-	91.1570-4-51-000	8.1	220	2.70	0.145	68	22.0	3600	-0.001	.	15380	180.0	4670	-0.1	0.66
MORE098R	29-37.2070-	90.7504-4-51-000	7.5	75	0.65	0.043	140	.	4000	-0.001	.	2350	116.0	4660	-0.1	0.57
MOR1001R	29-36.7713-	90.6530-4-51-000	7.4	70	0.44	-0.002	64	31.0	4600	-0.001	13	.	96.0	5630	-0.1	-0.02
MOR1002R	29-36.7825-	90.6888-4-51-000	7.0	80	0.56	0.024	132	28.0	4700	-0.001	.	.	97.0	5410	-0.1	0.30
MOR1003R	29-36.7839-	90.7161-4-51-000	6.6	40	0.18	0.008	63	35.0	4700	-0.001	.	.	87.0	5490	0.3	0.20
MOR1004R	29-36.7205-	90.8006-4-51-000	6.2	50	0.20	-0.002	72	44.0	5300	-0.001	22	.	146.0	5590	0.2	-0.03
MOR1007R	29-36.6154-	90.6464-4-51-000	7.2	207	1.50	0.026	170	41.0	6100	-0.001	74	.	121.0	6590	-0.1	0.13
MOR1009R	29-36.6754-	90.8159-4-51-000	7.8	340	3.00	0.232	47	.	4100	-0.001	25	.	182.0	5450	-0.1	0.68
MOR1010R	29-36.6011-	90.8680-4-51-000	7.9	190	1.50	0.091	72	25.0	4800	-0.001	21	.	117.0	2420	-0.1	0.48
MOR1014R	29-36.5676-	90.6909-4-51-000	8.5	100	0.32	0.020	87	16.0	3700	-0.001	8	.	129.0	2530	-0.1	0.20
MOR1015R	29-36.7859-	90.7969-4-51-000	7.1	390	2.90	0.582	57	.	6800	-0.001	27	.	783.0	3400	-0.1	1.49
MOR1016R	29-36.8076-	90.8543-4-51-000	6.2	40	0.18	0.008	100	27.0	3600	-0.001	.	.	167.0	2070	0.4	0.20
MOR1017R	29-36.5438-	90.6565-4-51-000	7.8	150	0.80	0.039	130	21.0	6400	-0.001	34	.	589.0	4710	1.1	0.26
MOR1020R	29-36.5226-	91.0948-4-51-000	7.7	298	2.40	0.209	77	54.0	6600	-0.001	35	.	145.0	3190	-0.1	0.70
MOR1021R	29-36.5336-	91.0466-4-51-000	7.3	327	3.00	0.138	74	.	5600	-0.001	24	.	176.0	2280	0.3	0.42
MOR1022R	29-36.5854-	91.1016-4-51-000	7.3	225	2.00	0.082	158	.	4700	-0.001	14	.	128.0	2370	-0.1	0.36
MOR1023R	29-36.6387-	91.0693-4-51-000	7.9	390	3.30	0.236	117	.	4400	-0.001	12	.	187.0	2230	0.6	0.61
MOR1025R	29-36.6207-	91.0303-4-51-000	8.1	439	4.20	0.199	107	32.0	3300	-0.001	19	24010	.	2120	0.4	0.45
MOR1026R	29-36.6622-	90.9736-4-51-000	6.8	80	0.76	0.044	430	24.0	4500	-0.001	18	.	118.0	2820	0.4	0.55
MOR1027R	29-36.6357-	90.9617-4-51-000	7.4	192	1.50	0.115	274	31.0	6000	-0.001	21	.	119.0	2660	0.5	0.60
MOR1028R	29-36.7572-	90.9665-4-51-000	6.9	162	1.16	0.037	111	19.0	4600	-0.001	16	.	153.0	2100	0.2	0.23
MOR1031R	29-36.8009-	91.0796-4-51-000	6.5	55	0.32	0.044	505	25.0	2900	-0.001	.	.	89.0	2110	0.4	0.80
MOR1033R	29-36.6641-	90.9112-4-51-000	7.8	220	1.50	0.144	170	.	2600	-0.001	11	.	135.0	2310	0.5	0.65
MOR1034R	29-36.5308-	90.9373-4-51-000	7.6	510	4.00	0.727	142	.	2500	-0.001	42	.	696.0	5240	0.8	1.43
MOR1035R	29-36.7965-	90.9616-4-51-000	7.3	240	2.20	0.269	129	14.0	2800	-0.001	12	.	151.0	2380	-0.1	1.12
MOR1036R	29-36.6014-	90.8994-4-51-000	7.8	295	3.30	0.198	64	46.0	5800	-0.001	35	.	186.0	3140	-0.1	0.67
MOR1038R	29-36.5221-	90.9695-4-51-000	7.5	560	5.20	0.290	92	69.0	7300	-0.001	54	.	434.0	4040	0.6	0.52
MOR1039R	29-36.5186-	90.8710-4-51-000	7.5	370	4.10	0.194	135	34.0	2600	-0.001	22	.	218.0	2810	-0.1	0.52
MOR1040R	29-36.5613-	90.8774-4-51-000	8.4	425	4.40	0.346	83	41.0	3600	-0.001	15	.	202.0	3200	0.5	0.81
MOR1041R	29-36.5851-	90.9832-4-51-000	8.2	450	4.10	0.356	70	.	4700	-0.001	19	.	193.0	2660	0.9	0.79
MOR1042R	29-36.5797-	91.0468-4-51-000	8.2	580	5.60	0.398	121	83.0	8500	-0.001	45	.	288.0	4450	-0.1	0.69
MOR1043R	29-36.5087-	91.1190-4-51-000	8.0	530	4.10	0.274	137	.	8600	-0.001	48	.	269.0	4420	0.6	0.52
MOR1044R	29-36.7759-	90.8636-4-51-000	7.7	30	0.50	0.476	218	28.0	3300	-0.001	10	.	195.0	2560	0.3	15.87
MOR1045R	29-36.7574-	90.8093-4-51-000	7.7	245	1.80	0.074	96	16.0	4200	-0.001	11	.	147.0	2510	-0.1	0.70
MOR1046R	29-36.7002-	90.7663-4-51-000	7.8	100	0.70	0.084	766	22.0	4500	-0.001	120	.	151.0	2810	0.9	0.84
MOR1047R	29-36.7722-	90.7482-4-51-000	7.8	325	3.60	0.208	137	30.0	4700	-0.001	26	.	151.0	2990	0.4	0.64

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOR1048R	29-36.6318-	90.8772-4-51-000	7.6	341	3.00	0.198	62		2900	-0.001		223.0	2970	0.2	0.58
MOR1052R	29-36.7034-	90.6548-4-51-000	7.5	80	1.40	0.106	743		2400	0.060	17	106.0	2210	1.9	1.33
MOR1053R	29-36.6261-	90.8130-4-51-000	8.0	400	4.20	0.238	47		3000	-0.001	30	185.0	2770	0.4	0.60
MOR1054R	29-36.6660-	90.8552-4-51-000	7.8	290	3.00	0.155	50		2000	-0.001	15	158.0	2460	-0.1	0.53
MOR1055R	29-36.6992-	90.8676-4-51-000	8.2	400	4.20	0.282	84		1800	-0.001	18	185.0	2660	0.4	0.71
MOR1057R	29-36.7334-	90.9581-4-51-000	7.9	130	1.40	0.024	113		3700	-0.001		331.0	3380	-0.1	0.18
MOR1058R	29-36.7081-	91.0699-4-51-000	7.4	115	0.60	0.021	61		3800	-0.001		1265.0	2780	-0.1	0.18
MOR1059R	29-36.7449-	91.0553-4-51-000	7.6	230	1.20	0.243	56		5200	-0.001	91	755.0	4020	0.3	1.06
MOR1061R	29-36.5841-	90.7719-4-51-000	7.7	291	2.70	0.067	37		1600	-0.001	25	165.0	2470	0.4	0.23
MOR1064R	29-36.5530-	90.6081-4-51-000	8.0	475	4.60	0.143	23		2700	0.280	21	189.0	2940	-0.1	0.30
MOSD001R	29-36.8056-	90.1126-4-51-000	8.5	453	3.10	0.929	90	57.0	8400	-0.001	55	323.0	6280	1.3	2.05
MOSD002R	29-36.7552-	90.0960-4-51-000	8.6	342	1.60	0.284	101	53.0	14100	-0.001	71	130.0	8550	0.8	0.83
MOSD003R	29-36.7109-	90.0997-4-51-000	7.9	630	2.10	0.911	164	123.0	31500	-0.001	123	1407.0	25260	1.1	1.45
MOSD004R	29-36.8014-	90.0235-4-51-000	7.9	598	1.80	0.480	225	187.0	38500	-0.001	123	691.0	30660	1.4	0.80
MOSD006R	29-36.7599-	90.0368-4-51-000	8.5	250	0.84	0.008	142	58.0	11900	-0.001	71	291.0	10800	-0.1	0.03
MOSD007R	29-36.7587-	89.9935-4-51-000	7.5	900	1.90	0.369	172	151.0	17200	-0.001	100	1449.0	32780	-0.1	0.41
MOSD008R	29-36.8178-	90.1722-4-51-000	8.0	158	1.10	0.242	502	29.0	7800	-0.001	95	821.0	5040	1.5	1.53
MOSD011R	29-36.6911-	89.9963-4-51-000	8.0	101	0.44	0.076	495	22.0	4900	-0.001	81	245.0	3370	1.1	0.75
MOSD012R	29-36.8105-	89.9758-4-51-000	7.9	109	0.48	0.002	261	63.0	8100	-0.001	48	134.0	6170	1.0	0.02
MOSD013R	29-36.8205-	89.9317-4-51-000	9.1	169	0.52	0.022	96	90.0	8500	-0.001	27	203.0	5360	0.8	0.13
MOSD014R	29-36.8129-	89.7334-4-51-000	8.7	185	0.92	0.105	139	44.0	6400	-0.001	102	346.0	3820	0.7	0.57
MOSD015R	29-36.6765-	89.8220-4-51-000	7.9	211	1.20	0.258	193	29.0	6600	-0.001	92	164.0	3680	0.9	1.22
MOSD016R	29-36.6729-	89.9328-4-51-000	8.8	347	2.10	0.419	158		6100	-0.001	86	183.0	5740	3.2	1.21
MOSD024R	29-37.0262-	89.8478-4-51-000	8.0	150	0.46	0.025	72	67.0	7400	-0.001	95	112.0	5010	0.3	0.17
MOSD025R	29-37.0054-	89.9040-4-51-000	6.3	140	0.92	0.057	721		6400	-0.001	33	358.0	3440	2.1	0.41
MOSD026R	29-37.0391-	89.9661-4-51-000	6.2	110	0.64	0.029	329		6500	-0.001		461.0	4240	0.4	0.26
MOSD027R	29-37.0851-	89.9555-4-51-000	6.7	80	0.16	0.143	939		4000	-0.001	51	372.0	3260	3.3	1.79
MOSD028R	29-37.0929-	89.8793-4-51-000	6.5	110	0.48	0.081	756	49.0	4500	-0.001	106	211.0	2220	1.2	0.74
MOSD029R	29-37.0833-	89.8139-4-51-000	7.3	465	1.98	0.257	96	13.0	6200	-0.001	56	209.0	4110	1.4	0.55
MOSD030R	29-37.0390-	90.0545-4-51-000	7.1	110	0.48	0.241	1199		6800	-0.001	91	295.0	3450	4.4	2.19
MOSD031R	29-36.9895-	90.1182-4-51-000	7.0	240	1.46	0.107	544	800.0	4700	-0.001	122	1438.0	5070	1.1	0.45
MOSD032R	29-36.9299-	90.1776-4-51-000	6.9	120	0.64	0.053	210		3800	-0.001	57	628.0	4130	-0.1	0.44
MOSD033R	29-36.9009-	90.2078-4-51-000	7.1	260	1.52	0.154	160	56.0	5600	-0.001	71	420.0	7690	0.2	0.59
MOSD034R	29-36.9168-	90.1078-4-51-000	7.2	105	0.52	0.088	689		5000	-0.001	82	221.0	4420	2.3	0.84
MOSD035R	29-36.9440-	90.1126-4-51-000	7.1	200	0.94	0.059	101	59.0	8100	-0.001	111	256.0	10560	0.3	0.30
MOSD036R	29-36.9645-	89.9846-4-51-000	6.9	220	1.14	0.125	834	1812.0	4200	-0.001	95	218.0	7140	2.0	0.57
MOSD037R	29-36.9659-	89.9111-4-51-000	6.9	360	2.50	0.269	448		3600	-0.001	125	2385.0	3240	0.8	0.75
MOSD038R	29-36.9664-	89.8054-4-51-000	7.6	550	3.80	0.457	212	50.0	8000	-0.001	79	428.0	7420	1.4	0.83
MOSD039R	29-36.9656-	89.7694-4-51-000	7.3	900	3.90	0.529	130		65400	-0.001		410.0	27500	-0.1	0.59
MOSD040R	29-36.8764-	89.7363-4-51-000	7.3	160	0.34	0.198	178	24.0	3500	-0.001	182	930.0	2390	1.0	1.24
MOSD041R	29-36.9153-	89.8329-4-51-000	6.7	135	0.52	0.023	119	29.0	4300	-0.001	74	182.0	5590	-0.1	0.17
MOSD042R	29-36.8944-	89.8897-4-51-000	7.0	230	1.24	0.018	63	71.0	9900	-0.001	88	763.0	11140	0.7	0.08
MOSD043R	29-36.8875-	89.9773-4-51-000	7.0	205	1.00	0.086	485		6100	-0.001	60	1454.0	4400	0.7	0.42
MOSD044R	29-36.9133-	90.0277-4-51-000	7.6	180	1.30	0.351	131		2000	-0.001	147	3903.0	2860	-0.1	1.95
MOSD045R	29-36.7918-	90.1507-4-51-000	7.4	275	1.80	0.887	886	29.0	12200	-0.001	132	202.0	7100	2.8	3.23
MOSD046R	29-36.7529-	90.1611-4-51-000	9.0	300	1.90	1.066	787		10400	-0.001	159	130.0	7120	3.9	3.55
MOSD047R	29-36.6973-	90.1384-4-51-000	8.2	289	2.20	0.481	626		8100	-0.001	64	138.0	5060	1.5	1.66
MOSD048R	29-36.6617-	90.1076-4-51-000	7.3	150	0.70	0.112	681	31.0	5200	-0.001	112	574.0	4470	2.4	0.75
MOSD049R	29-36.6727-	90.0485-4-51-000	7.4	270	1.25	0.182	208	40.0	11500	-0.001	177	248.0	7130	1.8	0.67
MOSD050R	29-36.6589-	90.0081-4-51-000	7.7	320	1.60	0.390	170	45.0	6400	-0.001	167	527.0	6020	1.0	1.22
MOSD051R	29-36.6466-	89.9342-4-51-000	7.1	400	2.00	0.319	126		5200	-0.001	115	488.0	6760	1.2	0.80
MOSD052R	29-36.6606-	89.8807-4-51-000	7.7	320	1.40	0.487	114		6000	-0.001	148	194.0	6380	2.3	1.52
MOSD053R	29-36.6604-	89.8410-4-51-000	7.8	240	1.40	0.144	122	296.0	4900	-0.001	126	159.0	4720	1.4	0.60
MOSD054R	29-36.6615-	89.7858-4-51-000	7.7	320	1.80	0.459	91	18.0	2900	-0.001	144	135.0	6230	1.3	1.43
MOSD057R	29-36.8719-	89.7887-4-51-000	7.5	100	0.38	0.127	868	42.0	4200	-0.001	96	346.0	3130	2.1	1.27

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.		PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOSD058R	29-36.9053-	89.8081-4-51-000	6.9	130	0.48	0.176	1103	39.0	3600	-0.001	68		1006.0	3250	2.3	1.35
MOSD059R	29-36.9384-	89.7975-4-51-000	8.1	600	4.50	0.429	215		7100	-0.001	116		312.0	8580	1.1	0.72
MOSD062R	29-36.8195-	90.1597-4-51-000	7.7	115	0.70	0.102	435		5100	-0.001	106		363.0	4840	1.8	0.89
MOSD063R	29-36.8608-	90.1555-4-51-000	8.7	259	1.40	0.442	682	81.0	17300	-0.001	150		233.0	9330	2.5	1.71
MOSD064R	29-36.8503-	90.2077-4-51-000	6.9	110	1.00	0.140	688	26.0	5600	-0.001	164		769.0	5630	1.9	1.27
MOSD065R	29-37.0081-	90.0956-4-51-000	8.2	395	3.20	0.765	684		7700	-0.001	117		828.0	5460	2.8	1.94
MOSD066R	29-37.0145-	90.0527-4-51-000	7.4	246	2.10	0.244	643		6600	-0.001	119		764.0	4160	2.3	0.99
MOSD068R	29-36.9335-	90.0419-4-51-000	6.7	99	0.80	0.042	538		5800	-0.001	60		356.0	3360	1.2	0.42
MOSD069R	29-36.8576-	90.0406-4-51-000	6.8	81	0.50	0.149	804		5900	-0.001	141		162.0	3160	2.3	1.84
MOSD070R	29-36.8564-	90.0976-4-51-000	7.2	340	2.40	0.230	133	34.0	11900	-0.001	114		741.0	7390	0.6	0.68
MOSD071R	29-36.9033-	90.1366-4-51-000	6.3	46	0.24	0.042	520	42.0	5000	-0.001	40		150.0	3180	0.7	0.91
MOSD072R	29-37.1119-	89.8405-4-51-000	7.6	426	3.90	0.169	138		6100	-0.001	130		227.0	5660	0.5	0.40
MOSD073R	29-37.0508-	89.8864-4-51-000	8.4	153	1.30	0.071	87	21.0	8100	-0.001	139		407.0	4690	0.9	0.46
MOSD074R	29-37.0113-	89.9409-4-51-000	8.0	132	1.10	0.053	165	13.0	6100	-0.001	84		139.0	4250	0.7	0.40
MOSD076R	29-36.9491-	89.9436-4-51-000	7.8	164	1.30	0.064	73	30.0	5700	-0.001	98		1082.0	3510	0.6	0.39
MOSD077R	29-36.8651-	89.9779-4-51-000	7.2	150	0.70	0.006	156	52.0	10100	-0.001	64		147.0	7860	-0.1	0.04
MOSD078R	29-36.8461-	89.9580-4-51-000	7.3	102	0.80	0.001	129	21.0	5300	0.070	48		176.0	5840	0.6	0.01
MOSF001R	29-37.9215-	90.5905-4-51-000	8.6	230	3.10	0.390	174		9400	-0.001	67	19330	25.0	4620	-0.1	1.70
MOSF002R	29-37.9460-	90.6393-4-51-000	8.9	300	3.40	0.367	105	44.0	22000	-0.001		20210		11230	0.5	1.22
MOSF003R	29-37.9619-	90.6290-4-51-000	8.9	330	3.50	-0.002	75		18700	-0.001		21830		10050	-0.1	0.00
MOSF004R	29-37.9639-	90.5759-4-51-000	8.5	280	3.30	-0.002	65	33.0	9800	-0.001	22	19700	41.0	3660	0.5	0.00
MOSF005R	29-37.9818-	90.5809-4-51-000	9.0	270	3.40	-0.002	101	115.0	11100	-0.001		21110		5310	0.5	0.00
MOSF006R	29-37.9030-	90.5170-4-51-000	8.6	400	3.90	0.596	129	61.0	23400	-0.001	50	25670	49.0	12520	-0.1	1.49
MOSF008R	29-37.8499-	90.6301-4-51-000	8.7	270	2.70	0.439	76	51.0	10100	-0.001	22	18590	34.0	4340	0.7	1.63
MOSF009R	29-37.8834-	90.6406-4-51-000	8.4	270	2.90	-0.002	100		10800	-0.001		20680	58.0	4280	-0.1	0.00
MOSF010R	29-37.7929-	90.6069-4-51-000	8.7	340	3.00	0.556	65	71.0	18700	-0.001		19760	46.0	14030	-0.1	1.64
MOSF012R	29-37.8228-	90.5701-4-51-000	9.5	310	3.10	0.434	76	63.0	9400	-0.001		18230	31.0	3790	0.8	1.40
MOSF014R	29-37.8115-	90.3888-4-51-000	7.9	160	1.60	0.205	97	106.0	12900	-0.001	74	6760	200.0	7920	-0.1	1.28
MOSF015R	29-37.7940-	90.3739-4-51-000	8.0	210	1.70	0.351	79	70.0	16500	-0.001		10920	302.0	8170	-0.1	1.67
MOSF016R	29-37.7678-	90.3790-4-51-000	8.1	90	0.70	0.125	106	143.0	14800	-0.001	47	9930	225.0	6240	-0.1	1.39
MOSF017R	29-37.7389-	90.3529-4-51-000	8.3	280	2.00	0.551	61	133.0	18100	-0.001		17610	237.0	6460	0.7	1.97
MOSF019R	29-37.6900-	90.3125-4-51-000	8.8	240	2.40	0.584	82		20300	-0.001		16530	121.0	5710	-0.1	2.43
MOSF022R	29-37.8820-	90.5030-4-51-000	8.4	350	2.80	-0.002	65		19900	-0.001		19430	55.0	11420	-0.1	0.00
MOSF023R	29-38.0132-	90.4479-4-51-000	8.4	250	2.80	0.401	101	38.0	12000	-0.001		25130	37.0	5920	-0.1	1.60
MOSF024R	29-38.0219-	90.4087-4-51-000	8.6	370	5.10	0.501	112	50.0	10300	-0.001		29500	56.0	4370	1.0	1.35
MOSF026R	29-37.9691-	90.4392-4-51-000	8.6	300	3.30	-0.002	83		10700	-0.001		24340	69.0	6910	-0.1	0.00
MOSF027R	29-37.9586-	90.4682-4-51-000	8.6	290	3.10	-0.002	97	73.0	8900	-0.001	18	20660	40.0	4520	-0.1	0.00
MOSF028R	29-37.9481-	90.4965-4-51-000	8.7	290	3.70	0.411	105	143.0	8500	-0.001	51	18590	18.0	4080	-0.1	1.42
MOSF029R	29-37.9287-	90.4706-4-51-000	8.4	160	1.70	-0.002	114	73.0	12800	-0.001		7750	118.0	6200	-0.1	0.00
MOSF030R	29-37.9271-	90.4339-4-51-000	8.3	900	3.10	-0.002	217	396.0	67100	-0.001		8680	213.0	21540	-0.1	0.00
MOSF031R	29-37.9431-	90.4087-4-51-000	8.7	200	1.20	-0.002	128	22.0	13800	-0.001	44	5440	91.0	5960	0.4	0.00
MOSF032R	29-37.9110-	90.4542-4-51-000	8.9	280	2.60	0.707	89	57.0	14300	-0.001	91	16500	55.0	5620	-0.1	2.53
MOSF033R	29-37.8764-	90.4921-4-51-000	8.9	350	3.60	-0.002	86	101.0	10900	-0.001		30780	58.0	5400	1.0	0.00
MOSF034R	29-37.7740-	90.4695-4-51-000	8.3	60	0.40	0.014	257		10400	-0.001			34.0	1720	-0.1	0.23
MOSF035R	29-37.6638-	90.2875-4-51-000	8.6	170	2.00	0.142	145	64.0	9600	-0.001		8210		2950	-0.1	0.84
MOSF036R	29-37.6966-	90.2799-4-51-000	8.5	260	2.20	0.485	50		16200	-0.001		10790		4500	-0.1	1.87
MOSF038R	29-37.6476-	90.1998-4-51-000	8.2	50	0.20	0.013	242		9700	-0.001		3230		2240	0.2	0.26
MOSF040R	29-37.6502-	90.3781-4-51-000	8.4	50	0.10	0.013	259	31.0	11500	-0.001			25.0	2170	-0.1	0.26
MOSF041R	29-37.6637-	90.4086-4-51-000	8.3	70	0.30	-0.002	90		13800	-0.001			48.0	3750	0.2	-0.02
MOSF042R	29-37.6685-	90.4580-4-51-000	7.9	40	0.20	0.001	146	42.0	8700	-0.001			32.0	2140	-0.1	0.03
MOSF043R	29-37.7038-	90.4530-4-51-000	7.8	40	0.20	-0.002	115	36.0	7300	-0.001			33.0	1380	-0.1	-0.04
MOSF044R	29-37.7191-	90.4972-4-51-000	7.5	110	0.60	0.085	102		11400	-0.001			49.0	4220	-0.1	0.77
MOSF045R	29-37.6701-	90.5525-4-51-000	7.6	35	0.20	0.024	110	44.0	9000	-0.001			32.0	2130	-0.1	0.69
MOSF046R	29-37.6710-	90.6266-4-51-000	7.6	90	0.40	0.044	145	32.0	10600	-0.001		6730		3420	0.4	0.49
MOSF047R	29-37.7055-	90.5865-4-51-000	8.0	50	0.40	0.008	113	48.0	10400	-0.001			35.0	2460	-0.1	0.16

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.		PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOSF048R	29-37.7437-	90.6165-4-51-000	7.7	100	0.60	0.090	138	2511.0	9500	-0.001	.	.	57.0	2920	-0.1	0.90
MOSF049R	29-37.7777-	90.5440-4-51-000	7.5	80	0.30	-0.002	102	.	7400	-0.001	.	.	40.0	1920	-0.1	-0.02
MOSF051R	29-37.7195-	90.3870-4-51-000	7.4	160	0.40	0.024	125	31.0	10800	0.040	.	.	.	2570	-0.1	0.15
MOSG001R	29-37.8425-	90.0715-4-51-000	8.0	250	3.00	0.718	149	.	11300	-0.001	36	10350	190.0	5310	0.7	2.87
MOSG002R	29-37.8509-	90.1306-4-51-000	8.7	330	3.80	0.514	122	.	9400	0.010	65	25240	295.0	4040	-0.1	1.56
MOSG003R	29-37.8358-	90.1666-4-51-000	8.6	310	3.50	-0.002	109	.	9000	-0.001	.	20120	271.0	4120	0.9	0.00
MOSG004R	29-37.8142-	90.2546-4-51-000	9.0	40	0.20	0.051	174	.	9400	-0.001	.	3850	199.0	3430	0.6	1.28
MOSG005R	29-37.7567-	90.2828-4-51-000	7.6	110	0.30	0.058	165	80.0	12300	-0.001	.	4080	540.0	5330	2.0	0.53
MOSG006R	29-37.7701-	90.3071-4-51-000	7.6	50	0.20	0.043	240	.	9900	-0.001	82	3000	228.0	3490	1.3	0.86
MOSG007R	29-37.7899-	90.3279-4-51-000	7.6	50	0.20	0.066	281	32.0	9200	-0.001	61	.	221.0	3390	-0.1	1.32
MOSG008R	29-37.8093-	90.3448-4-51-000	7.3	90	0.40	0.055	231	.	12500	-0.001	39	3210	290.0	5590	0.8	0.61
MOSG009R	29-37.8475-	90.3015-4-51-000	7.3	40	0.20	0.061	244	46.0	9300	-0.001	54	.	212.0	3180	1.3	1.53
MOSG010R	29-37.8790-	90.2423-4-51-000	7.4	60	0.30	0.050	238	108.0	8700	-0.001	.	3180	204.0	3740	0.8	0.83
MOSG011R	29-37.8823-	90.1818-4-51-000	7.7	60	0.60	0.074	292	.	8100	-0.001	25	2190	168.0	3600	0.9	1.23
MOSG012R	29-37.9062-	90.2300-4-51-000	8.7	130	1.00	0.130	189	38.0	7800	-0.001	.	6250	176.0	3670	0.9	1.00
MOSG013R	29-37.9520-	90.2294-4-51-000	8.5	140	1.70	0.305	205	.	9300	-0.001	45	9460	219.0	4020	-0.1	2.18
MOSG014R	29-37.9695-	90.1999-4-51-000	8.3	190	1.80	-0.002	168	102.0	11800	-0.001	75	12060	215.0	5590	-0.1	0.00
MOSG015R	29-37.9442-	90.0397-4-51-000	8.2	290	2.70	-0.002	208	64.0	22500	-0.001	.	8920	266.0	9600	1.9	0.00
MOSG016R	29-37.9185-	89.9967-4-51-000	8.1	110	0.90	0.181	165	.	11900	-0.001	.	6780	183.0	4740	0.9	1.65
MOSG017R	29-37.8852-	90.0842-4-51-000	8.4	300	2.90	0.230	209	66.0	9200	-0.001	.	4790	151.0	3360	-0.1	0.77
MOSG018R	29-37.8810-	90.1161-4-51-000	8.2	80	0.40	0.103	164	107.0	10400	-0.001	.	2840	165.0	4230	0.6	1.29
MOSG019R	29-37.9033-	90.1338-4-51-000	8.0	150	2.00	0.211	239	38.0	14200	-0.001	93	.	159.0	4860	-0.1	1.41
MOSG020R	29-37.9001-	90.2912-4-51-000	8.3	180	2.10	0.299	156	58.0	10000	-0.001	35	10910	201.0	4730	-0.1	1.66
MOSG021R	29-37.9425-	90.2914-4-51-000	8.2	40	0.10	0.041	225	102.0	9300	-0.001	28	3300	203.0	3340	-0.1	1.03
MOSG022R	29-37.8839-	90.3299-4-51-000	7.7	50	0.20	0.068	184	82.0	9700	-0.001	.	.	144.0	3890	-0.1	1.36
MOSG023R	29-37.8537-	90.3781-4-51-000	8.0	200	1.70	-0.002	180	.	11800	-0.001	.	13370	169.0	8500	-0.1	0.00
MOSG024R	29-37.8678-	90.3781-4-51-000	8.1	200	1.60	0.370	170	110.0	11100	-0.001	98	7180	207.0	6000	-0.1	1.85
MOSG025R	29-37.8641-	90.4313-4-51-000	8.3	220	2.40	0.561	186	.	10200	-0.001	.	18360	257.0	7610	0.8	2.55
MOSG026R	29-37.8876-	90.4150-4-51-000	8.1	260	0.95	-0.002	132	.	10000	-0.001	110	15780	250.0	9120	-0.1	0.00
MOSG027R	29-37.9072-	90.3913-4-51-000	8.1	60	0.20	0.108	257	94.0	4600	-0.001	64	1770	303.0	4380	1.1	1.80
MOSG028R	29-37.9468-	90.3524-4-51-000	7.9	130	0.70	0.203	130	42.0	4900	-0.001	68	4590	197.0	4610	0.9	1.56
MOSG029R	29-37.9557-	90.3314-4-51-000	8.4	330	2.80	-0.002	157	19.0	8400	-0.001	32	22150	254.0	5730	-0.1	0.00
MOSG030R	29-37.9964-	90.2794-4-51-000	8.6	180	2.50	-0.002	439	22.0	3600	-0.001	94	13800	276.0	4400	-0.1	0.00
MOSG032R	29-38.0244-	90.3162-4-51-000	8.4	190	1.80	0.218	145	14.0	5800	-0.001	.	13600	75.0	3100	0.7	1.15
MOSG034R	29-38.0114-	90.2591-4-51-000	8.2	250	2.20	-0.002	220	.	5900	-0.001	84	19990	242.0	5740	-0.1	0.00
MOSG035R	29-37.9339-	90.2068-4-51-000	8.3	330	3.20	0.463	150	.	6200	-0.001	56	17080	255.0	6230	0.5	1.40
MOSG036R	29-37.9738-	90.2528-4-51-000	8.6	260	2.40	0.352	155	.	5300	-0.001	54	23810	272.0	4560	0.5	1.35
MOSG037R	29-37.7820-	90.2338-4-51-000	8.2	140	1.30	0.285	135	42.0	5700	-0.001	75	8880	218.0	5060	1.3	2.04
MOSG038R	29-37.7517-	90.2278-4-51-000	8.3	140	1.50	0.196	105	137.0	6800	-0.001	110	6990	232.0	6800	-0.1	1.40
MOSG039R	29-37.7707-	90.1782-4-51-000	8.5	320	3.50	-0.002	180	.	11400	-0.001	.	21640	281.0	7810	0.5	0.00
MOSG040R	29-37.7980-	90.1755-4-51-000	8.4	200	2.00	0.395	168	112.0	6800	-0.001	106	17040	273.0	6440	-0.1	1.98
MOSG041R	29-37.7437-	90.1660-4-51-000	8.5	315	3.90	-0.002	119	.	7700	-0.001	.	21760	159.0	5020	-0.1	0.00
MOSG042R	29-37.7557-	90.1362-4-51-000	8.7	215	3.20	0.305	178	26.0	3200	-0.001	37	15650	229.0	4130	-0.1	1.42
MOSG043R	29-37.7198-	90.1760-4-51-000	8.5	140	1.40	0.247	701	.	3200	0.010	.	11500	207.0	4200	0.8	1.76
MOSG044R	29-37.7178-	90.2099-4-51-000	8.5	200	1.50	0.279	119	.	3900	-0.001	.	13610	217.0	4510	-0.1	1.40
MOSG045R	29-37.6876-	90.2084-4-51-000	7.7	30	0.20	0.049	238	24.0	2600	-0.001	58	.	136.0	3860	-0.1	1.63
MOSG046R	29-37.7863-	90.1369-4-51-000	8.6	290	3.20	0.347	80	71.0	8900	-0.001	.	21130	271.0	4640	0.6	1.20
MOSG047R	29-37.8099-	90.0971-4-51-000	8.3	240	3.70	-0.002	80	79.0	11300	-0.001	.	15400	237.0	5530	-0.1	0.00
MOSG048R	29-37.7799-	90.0826-4-51-000	8.5	270	3.20	0.491	72	48.0	10000	-0.001	.	19640	257.0	4380	-0.1	1.82
MOSG049R	29-37.8032-	90.0529-4-51-000	8.4	250	2.80	0.392	92	94.0	10600	-0.001	24	19230	270.0	4640	-0.1	1.57
MOSG051R	29-37.8303-	90.0201-4-51-000	8.4	310	3.40	-0.002	50	62.0	12100	-0.001	45	20960	757.0	7160	-0.1	0.00
MOSG052R	29-37.8475-	89.9937-4-51-000	8.7	240	2.70	0.397	86	.	10400	-0.001	60	15650	250.0	5490	-0.1	1.65
MOSG060R	29-38.0629-	90.2861-4-51-000	8.7	370	3.80	-0.002	55	59.0	12500	-0.001	.	28630	301.0	5650	-0.1	0.00
MOSH001R	29-37.3904-	91.5422-4-51-000	8.2	240	3.80	0.254	568	4252.0	8800	-0.001	.	.	91.0	1150	-0.1	1.06
MOSH002R	29-37.4137-	91.5289-4-51-000	7.9	180	2.00	0.151	917	.	9900	0.060	.	.	83.0	2140	-0.1	0.84

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOSH007R	29-36.9164-	91.5397-4-51-000	7.2	70	0.60	0.036	573	34.0	10500	-0.001	.	51.0	1500	0.4	0.51
MOSH008R	29-36.9748-	91.5029-4-51-000	7.2	150	1.00	0.049	273	62.0	16100	0.060	.	.	7120	0.4	0.33
MOSH012R	29-36.9369-	91.6392-4-51-000	6.7	40	0.20	0.038	835	16.0	11300	-0.001	.	69.0	2040	0.8	0.95
MOSH014R	29-36.9118-	91.5940-4-51-000	6.8	40	0.30	0.029	770	53.0	10700	-0.001	.	29.0	1730	0.8	0.73
MOSH017R	29-37.0497-	91.5704-4-51-000	6.8	260	2.50	0.171	60	.	8600	-0.001	.	141.0	1310	0.2	0.66
MOSH020R	29-37.3738-	91.4048-4-51-000	8.1	170	1.00	0.330	187	.	7700	-0.001	.	81.0	1810	-0.1	1.94
MOSH021R	29-37.3870-	91.3578-4-51-000	8.5	160	0.90	0.129	101	.	8200	0.060	.	94.0	1310	-0.1	0.81
MOSH022R	29-37.4094-	91.3126-4-51-000	8.4	115	0.90	0.089	92	28.0	5300	-0.001	12	9510	1370	-0.1	0.77
MOSH023R	29-37.3554-	91.4412-4-51-000	8.0	170	1.00	0.113	120	.	6600	-0.001	.	97.0	1300	-0.1	0.66
MOSH024R	29-37.3448-	91.4509-4-51-000	8.3	160	1.20	0.105	94	.	7600	-0.001	.	98.0	1810	-0.1	0.66
MOSH041R	29-37.0249-	91.2791-4-51-000	7.3	130	1.40	0.031	134	.	8700	-0.001	.	69.0	1280	-0.1	0.24
MOSH042R	29-37.1194-	91.3828-4-51-000	8.1	370	4.00	0.192	116	17.0	8300	-0.001	17140	.	1390	-0.1	0.52
MOSH043R	29-37.1123-	91.3329-4-51-000	8.0	330	3.60	0.252	108	.	9300	-0.001	.	141.0	1360	-0.1	0.76
MOSH070R	29-37.0993-	91.3281-4-51-000	7.9	250	3.10	0.224	96	34.0	9000	-0.001	16000	.	1410	0.2	0.90
MOSH071R	29-37.0509-	91.2943-4-51-000	7.7	20	0.20	0.009	307	40.0	8200	-0.001	.	24.0	1520	-0.1	0.45
MOSH074R	29-37.1290-	91.1952-4-51-000	7.7	160	1.80	0.242	185	26.0	9100	-0.001	15480	.	1440	-0.1	1.51
MOSH075R	29-37.1107-	91.2475-4-51-000	7.9	250	2.40	0.081	94	.	8300	-0.001	.	82.0	1400	-0.1	0.32
MOSH076R	29-37.1330-	91.2773-4-51-000	8.0	330	2.80	0.286	115	.	10900	-0.001	.	111.0	2560	0.4	0.87
MOSH077R	29-37.1238-	91.3037-4-51-000	7.9	300	3.40	0.240	89	.	8800	-0.001	.	141.0	1880	0.3	0.80
MOSH078R	29-37.1642-	91.2979-4-51-000	8.2	370	3.80	0.251	79	53.0	9100	-0.001	15210	.	1380	-0.1	0.68
MOSH080R	29-37.1926-	91.1720-4-51-000	8.1	320	3.00	0.159	42	.	7500	-0.001	.	102.0	1270	-0.1	0.50
MOSH084R	29-37.3298-	91.3996-4-51-000	8.5	290	2.80	0.153	363	34.0	10100	-0.001	14560	.	1400	0.4	0.53
MOSH085R	29-37.3548-	91.3833-4-51-000	8.4	260	3.20	0.120	63	43.0	8200	-0.001	13410	.	1340	-0.1	0.46
MOSH087R	29-37.3123-	91.3288-4-51-000	8.5	250	2.60	0.133	304	30.0	7400	-0.001	11670	.	1320	0.4	0.53
MOSH088R	29-37.3383-	91.2716-4-51-000	8.4	200	2.40	0.105	68	.	7100	-0.001	.	94.0	1870	-0.1	0.53
MOSH089R	29-37.3707-	91.2723-4-51-000	8.1	240	2.60	0.115	49	57.0	7700	-0.001	11100	.	1970	0.4	0.48
MOSH090R	29-37.3616-	91.2423-4-51-000	8.0	235	2.20	0.156	93	.	10000	-0.001	.	73.0	4490	0.4	0.66
MOSH092R	29-37.3913-	91.1905-4-51-000	8.2	85	2.20	0.010	104	59.0	8800	-0.001	4550	.	1600	-0.1	0.12
MOSH095R	29-37.2345-	91.2217-4-51-000	8.1	220	0.80	0.134	60	44.0	6000	-0.001	9940	.	1340	0.3	0.61
MOST001R	29-36.9238-	89.5529-4-51-000	7.2	150	1.40	0.069	297	21.0	8600	-0.001	43	130.0	1760	0.4	0.46
MOST002R	29-36.9216-	89.6307-4-51-000	7.2	170	1.60	0.055	208	.	10700	-0.001	52	235.0	2050	0.8	0.32
MOST003R	29-36.8931-	89.6213-4-51-000	7.1	200	1.70	0.043	185	.	9200	-0.001	18	283.0	1630	-0.1	0.22
MOST004R	29-36.8930-	89.6532-4-51-000	7.1	180	1.55	0.118	470	.	11800	-0.001	73	254.0	2630	0.9	0.66
MOST005R	29-36.8749-	89.6665-4-51-000	6.3	60	0.40	0.038	624	.	10800	-0.001	.	.	530	0.8	0.63
MOST006R	29-36.9355-	89.6701-4-51-000	7.1	200	1.55	0.114	428	68.0	12100	-0.001	46	212.0	2160	1.2	0.57
MOST007R	29-36.9622-	89.7033-4-51-000	6.5	100	0.62	0.060	729	.	12900	-0.001	.	.	M	-0.1	0.60
MOST008R	29-36.9629-	89.6774-4-51-000	7.1	200	1.80	0.074	697	.	11900	-0.001	.	231.0	1640	0.8	0.37
MOST009R	29-36.9534-	89.5759-4-51-000	7.3	150	1.55	0.058	304	.	6800	-0.001	16	110.0	1810	1.1	0.39
MOST010R	29-36.9528-	89.5436-4-51-000	6.6	130	1.30	0.016	250	.	10100	0.070	.	243.0	1360	0.3	0.12
MOST011R	29-37.0005-	89.5495-4-51-000	6.0	190	0.20	0.015	71	28.0	9600	-0.001	.	757.0	1940	-0.1	0.08
MOST012R	29-37.0103-	89.5955-4-51-000	7.5	150	1.45	0.070	263	53.0	8900	-0.001	59	134.0	2350	-0.1	0.47
MOST013R	29-36.9934-	89.6496-4-51-000	6.9	170	2.40	0.109	243	.	10700	-0.001	46	224.0	3280	-0.1	0.64
MOST014R	29-37.0173-	89.6575-4-51-000	6.8	160	1.00	0.072	562	.	15800	-0.001	.	240.0	4480	1.0	0.45
MOST015R	29-37.0058-	89.7226-4-51-000	6.8	115	0.90	0.072	626	55.0	11100	-0.001	40	63.0	1550	1.3	0.63
MOST017R	29-37.0534-	89.7006-4-51-000	6.8	70	0.42	0.204	M	.	M	-0.001	.	M	M	-0.1	2.91
MOST018R	29-37.0503-	89.6566-4-51-000	7.2	200	1.85	0.268	104	24.0	10800	-0.001	46	110.0	3040	0.3	1.34
MOST020R	29-37.0558-	89.5513-4-51-000	7.2	150	1.50	0.065	101	.	9900	-0.001	.	140.0	2510	-0.1	0.43
MOST021R	29-37.0933-	89.5423-4-51-000	6.7	170	1.45	0.167	360	70.0	10600	-0.001	40	84.0	2830	0.7	0.98
MOST022R	29-37.0414-	89.5230-4-51-000	7.0	120	1.05	0.014	249	26.0	8700	-0.001	15	91.0	1430	0.5	0.12
MOST023R	29-37.0407-	89.4799-4-51-000	6.7	280	0.12	0.023	143	.	10700	-0.001	33	859.0	1340	0.4	0.08
MOST024R	29-37.0436-	89.4194-4-51-000	6.7	90	0.40	0.010	354	.	14200	-0.001	.	.	850	-0.1	0.11
MOST025R	29-37.0444-	89.4601-4-51-000	6.7	170	1.35	0.096	491	.	15400	-0.001	.	138.0	2850	-0.1	0.56
MOST026R	29-37.0858-	89.4893-4-51-000	6.7	220	1.85	0.066	265	.	19400	-0.001	.	143.0	4570	-0.1	0.30
MOST027R	29-36.9907-	89.3361-4-51-000	6.8	110	1.65	0.218	530	81.0	7200	-0.001	93	134.0	1630	2.1	1.98
MOST028R	29-36.9046-	89.4982-4-51-000	7.1	70	0.70	0.097	1255	.	10400	2.740	.	.	770	1.4	1.39

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.		PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOST029R	29-36.9387-	89.4911-4-51-000	7.1	70	0.70	0.194	905	33.0	8600	-0.001	.	.	75.0	780	2.9	2.77
MOST030R	29-36.9541-	89.4561-4-51-000	6.9	120	0.90	0.108	1058	20.0	16300	2.370	.	.	.	1120	-0.1	0.90
MOST031R	29-36.9751-	89.5023-4-51-000	7.2	130	0.90	0.063	732	15.0	8800	-0.001	80	.	134.0	1860	1.4	0.48
MOST032R	29-37.0107-	89.4949-4-51-000	7.1	100	0.34	0.015	506	35.0	11800	-0.001	.	.	66.0	1560	-0.1	0.15
MOST033R	29-36.9977-	89.4405-4-51-000	7.3	90	0.54	0.087	1148	.	8700	-0.001	93	.	86.0	1090	2.6	0.97
MOST034R	29-37.0200-	89.4051-4-51-000	7.2	60	0.40	M	M	M	M	M	M	M	M	M	M	M
MOST035R	29-37.1184-	89.5059-4-51-000	7.2	70	0.32	0.104	1201	25.0	8600	-0.001	105	.	48.0	1240	2.0	1.49
MOST036R	29-37.0933-	89.6885-4-51-000	7.3	50	0.40	0.014	822	15.0	8900	-0.001	.	.	20.0	670	1.8	0.28
MOST037R	29-37.0673-	89.7358-4-51-000	7.2	90	0.44	0.090	730	.	9700	-0.001	27	.	29.0	730	1.1	1.00
MOST038R	29-37.1109-	89.7190-4-51-000	7.2	50	0.40	0.035	607	.	9100	-0.001	.	.	.	440	-0.1	0.70
MOST039R	29-37.0825-	89.7551-4-51-000	7.3	80	0.66	0.123	587	.	9800	-0.001	75	.	23.0	940	1.1	1.54
MOST040R	29-37.0868-	89.6188-4-51-000	7.5	140	1.40	0.116	417	48.0	11400	-0.001	127	.	155.0	4090	1.3	0.83
MOST041R	29-37.0889-	89.5723-4-51-000	7.5	70	0.46	0.019	400	.	10800	1.470	.	.	.	1500	-0.1	0.27
MOST042R	29-36.8737-	89.5470-4-51-000	6.8	100	0.95	0.040	320	38.0	7900	-0.001	41	.	171.0	1500	0.4	0.40
MOST043R	29-37.1163-	89.5571-4-51-000	7.1	70	0.54	0.021	493	22.0	9100	-0.001	20	.	18.0	980	0.9	0.30
MOST044R	29-37.1237-	89.6189-4-51-000	7.0	120	0.88	0.053	339	.	10400	-0.001	40	.	38.0	2880	1.4	0.44
MOST045R	29-37.1305-	89.6499-4-51-000	6.4	70	0.44	0.028	494	25.0	10000	-0.001	.	.	31.0	1460	0.4	0.40
MOST046R	29-37.1450-	89.6285-4-51-000	6.7	75	0.22	0.034	491	43.0	8900	-0.001	67	.	17.0	1390	2.0	0.45
MOST047R	29-37.1686-	89.6719-4-51-000	7.0	90	0.72	-0.002	344	.	10900	-0.001	.	.	17.0	1620	1.1	-0.01
MOST048R	29-37.1990-	89.6054-4-51-000	7.0	100	0.72	0.069	449	61.0	10400	-0.001	80	.	99.0	2280	1.1	0.69
MOST049R	29-37.1745-	89.5849-4-51-000	7.0	100	0.92	0.089	448	18.0	10700	-0.001	62	.	637.0	2470	0.5	0.89
MOST050R	29-37.1452-	89.5930-4-51-000	7.1	60	0.50	0.019	484	.	8200	-0.001	.	.	51.0	770	0.4	0.32
MOST051R	29-37.2004-	89.5526-4-51-000	7.2	150	1.25	0.159	579	38.0	11300	-0.001	141	.	98.0	2910	1.6	1.06
MOST052R	29-37.1794-	89.5351-4-51-000	7.2	80	0.75	0.043	519	.	9500	-0.001	68	.	80.0	1560	1.6	0.54
MOST053R	29-37.1620-	89.5310-4-51-000	7.2	70	0.50	0.019	441	.	9100	-0.001	16	.	.	M	-0.1	0.27
MOST054R	29-37.1992-	89.5100-4-51-000	7.3	190	1.40	0.137	533	.	10000	-0.001	48	.	181.0	3130	0.7	0.72
MOST055R	29-37.2315-	89.4792-4-51-000	7.7	120	2.80	0.344	398	.	27600	-0.001	.	.	244.0	10670	0.5	2.87
MOST056R	29-37.2160-	89.5533-4-51-000	7.6	170	1.45	0.177	531	74.0	15600	-0.001	66	.	97.0	5570	1.4	1.04
MOTE002R	29-37.5956-	91.8690-4-51-000	7.6	80	1.82	0.019	172	.	5400	-0.001	.	4870	175.0	5050	-0.1	0.24
MOTE003R	29-37.5845-	91.8613-4-51-000	7.4	65	0.38	0.031	114	.	5400	-0.001	.	2070	77.0	1150	-0.1	0.48
MOTE005R	29-37.5687-	91.8409-4-51-000	7.6	50	0.22	0.019	215	.	5500	-0.001	.	1860	89.0	1580	-0.1	0.38
MOTE006R	29-37.5687-	91.7589-4-51-000	7.4	95	0.30	0.040	271	.	3700	-0.001	22	.	.	1200	-0.1	0.42
MOTE008R	29-37.5265-	91.7741-4-51-000	7.5	135	1.10	0.033	317	.	5800	-0.001	.	6880	67.0	1380	0.7	0.24
MOTE009R	29-37.5106-	91.8677-4-51-000	8.2	550	3.10	0.741	359	.	29400	-0.001	210	22700	119.0	28920	-0.1	1.35
MOTE010R	29-37.5347-	91.9126-4-51-000	7.8	155	0.95	0.149	170	.	8500	-0.001	79	5980	81.0	4860	-0.1	0.96
MOTE011R	29-37.5588-	91.9247-4-51-000	8.3	100	0.55	0.064	145	48.0	7900	-0.001	31	4350	57.0	3410	-0.1	0.64
MOTE012R	29-37.5897-	91.9402-4-51-000	7.4	50	0.20	0.040	242	.	4600	-0.001	22	1340	102.0	1340	-0.1	0.80
MOTE014R	29-37.4890-	91.9527-4-51-000	8.1	165	1.60	0.085	124	.	3200	-0.001	.	10580	.	1080	-0.1	0.52
MOTE015R	29-37.5082-	92.0026-4-51-000	8.1	210	2.50	0.104	132	.	3400	-0.001	25	13090	.	980	-0.1	0.50
MOTE016R	29-37.4709-	91.9995-4-51-000	8.3	220	2.50	0.149	217	.	3500	-0.001	38	16420	29.0	950	-0.1	0.68
MOTE017R	29-37.4509-	92.0594-4-51-000	7.8	140	1.20	0.068	284	.	4400	-0.001	31	6250	26.0	1730	0.6	0.49
MOTE018R	29-37.4327-	92.0524-4-51-000	8.1	245	2.30	-0.002	253	71.0	6800	-0.001	.	16130	.	2520	-0.1	0.00
MOTE019R	29-37.2855-	91.9629-4-51-000	8.4	250	2.40	0.263	168	.	5800	-0.001	27	15710	15.0	2180	-0.1	1.05
MOTE020R	29-37.2691-	91.9822-4-51-000	8.4	255	2.60	-0.002	145	27.0	4200	-0.001	38	18000	.	1680	-0.1	0.00
MOTE021R	29-37.3281-	92.0426-4-51-000	8.5	250	2.40	0.282	383	.	4600	-0.001	51	14920	26.0	1500	-0.1	1.13
MOTE022R	29-37.3143-	92.0742-4-51-000	8.3	220	1.90	0.316	257	27.0	5300	-0.001	.	16530	25.0	1750	-0.1	1.44
MOTE023R	29-37.2874-	92.0737-4-51-000	8.4	270	3.10	0.338	147	.	4800	-0.001	23	16330	26.0	1780	-0.1	1.25
MOTE024R	29-37.3107-	92.1155-4-51-000	7.9	280	3.00	-0.002	125	.	6500	-0.001	53	19130	34.0	3260	0.7	0.00
MOTE025R	29-37.3013-	92.1364-4-51-000	8.5	290	4.50	0.325	126	.	7000	-0.001	31	22860	26.0	2200	-0.1	1.12
MOTE026R	29-37.2709-	92.1444-4-51-000	8.6	290	4.70	0.377	110	.	5000	-0.001	.	24670	25.0	2130	0.4	1.30
MOTE027R	29-37.2749-	92.1771-4-51-000	8.4	290	4.60	-0.002	95	.	6300	-0.001	37	19420	27.0	1920	-0.1	0.00
MOTE028R	29-37.2863-	92.2361-4-51-000	8.4	270	3.80	0.309	73	.	8000	-0.001	.	16970	.	2360	-0.1	1.14
MOTE029R	29-37.2709-	92.2300-4-51-000	8.4	300	4.30	-0.002	53	.	7200	-0.001	.	19020	219.0	6680	0.6	0.00
MOTE032R	29-37.2000-	92.2180-4-51-000	8.5	275	3.50	0.358	91	70.0	4600	-0.001	.	16090	103.0	6050	-0.1	1.30
MOTE033R	29-37.1858-	92.2445-4-51-000	8.4	240	3.10	-0.002	201	.	6300	-0.001	30	17670	229.0	6660	0.8	0.00

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOTE034R	29-37.1674-92.2032-4-51-000	8.2	130	1.50	0.178	614	.	5000	0.020	43	6170	172.0	5330	1.1	1.37
MOTE035R	29-37.1439-92.2393-4-51-000	8.0	230	2.40	0.595	1296	.	9200	-0.001	39	13030	252.0	6730	3.9	2.59
MOTE036R	29-37.2300-92.0162-4-51-000	7.5	150	1.50	0.087	311	.	2200	-0.001	.	9930	155.0	5190	-0.1	0.58
MOTE037R	29-37.2364-92.0662-4-51-000	8.2	150	1.90	0.114	222	.	1200	-0.001	.	9820	164.0	4660	-0.1	0.76
MOTE038R	29-37.2549-92.0905-4-51-000	8.2	170	2.30	0.113	220	.	3200	-0.001	.	9920	193.0	4950	0.5	0.66
MOTE039R	29-37.2430-92.1189-4-51-000	8.1	165	1.90	0.120	249	.	6800	-0.001	34	9330	171.0	5720	-0.1	0.73
MOTE040R	29-37.2221-92.1378-4-51-000	8.2	150	1.90	0.093	277	.	3100	-0.001	.	9300	154.0	4880	0.6	0.62
MOTE041R	29-37.2348-92.1694-4-51-000	8.2	175	2.50	0.114	215	.	1400	-0.001	65	11170	175.0	4510	-0.1	0.65
MOTE042R	29-37.1941-92.1743-4-51-000	7.9	70	0.85	0.049	369	.	M	-0.001	.	4140	120.0	4000	0.4	0.70
MOTE043R	29-37.2057-92.1460-4-51-000	7.5	120	1.50	0.111	327	.	3500	-0.001	.	8350	148.0	4290	-0.1	0.93
MOTE044R	29-37.1820-92.1450-4-51-000	8.0	90	1.10	0.085	284	27.0	3300	-0.001	29	5200	125.0	4420	-0.1	0.94
MOTE045R	29-37.1337-92.1384-4-51-000	8.1	120	1.70	0.078	237	.	4100	-0.001	.	6350	156.0	4780	-0.1	0.65
MOTE046R	29-37.1033-92.1164-4-51-000	8.1	120	1.60	0.097	158	.	M	-0.001	.	6660	143.0	4430	0.4	0.81
MOTE047R	29-37.0830-92.0871-4-51-000	8.1	50	0.60	0.051	408	45.0	3100	-0.001	15	2250	113.0	4200	0.4	1.02
MOTE048R	29-37.0871-92.1550-4-51-000	7.8	120	1.80	0.086	378	.	2800	-0.001	41	9360	143.0	4480	0.7	0.72
MOTE049R	29-37.0719-92.1889-4-51-000	8.2	120	2.60	0.152	154	32.0	5400	-0.001	.	12900	176.0	4250	-0.1	1.27
MOTE050R	29-37.1010-92.1823-4-51-000	8.1	170	2.30	0.123	202	33.0	2800	-0.001	44	11900	171.0	4410	0.5	0.72
MOTE051R	29-37.0955-92.2078-4-51-000	8.3	235	3.70	0.213	155	45.0	M	-0.001	26	18370	205.0	4730	-0.1	0.91
MOTE052R	29-37.0836-92.2366-4-51-000	8.2	230	3.70	0.157	86	41.0	M	-0.001	.	15040	206.0	4670	-0.1	0.68
MOTE053R	29-37.0635-92.2153-4-51-000	8.4	205	3.10	0.154	196	.	4700	-0.001	.	12160	177.0	4660	-0.1	0.75
MOTE055R	29-37.4839-91.8284-4-51-000	7.1	105	1.10	0.080	143	34.0	3300	-0.001	.	8080	113.0	5520	-0.1	0.76
MOTE056R	29-37.4892-91.7848-4-51-000	8.0	140	1.50	0.059	157	49.0	3000	-0.001	18	8650	158.0	4520	-0.1	0.42
MOTE058R	29-37.4793-91.8654-4-51-000	8.0	65	0.20	0.036	437	41.0	7600	-0.001	.	.	223.0	6270	-0.1	0.55
MOTE059R	29-37.4703-91.9018-4-51-000	7.8	70	0.75	0.020	311	.	1300	-0.001	27	5520	121.0	5050	-0.1	0.29
MOTE060R	29-37.4301-91.9124-4-51-000	8.0	135	1.70	0.053	223	23.0	2500	-0.001	.	4120	150.0	4560	0.3	0.39
MOTE062R	29-37.4272-91.8436-4-51-000	7.2	60	0.26	0.025	209	.	2300	-0.001	16	1310	90.0	4550	0.4	0.42
MOTE064R	29-37.3740-91.8406-4-51-000	7.5	110	0.80	0.077	215	36.0	5800	-0.001	86	1730	151.0	5360	0.8	0.70
MOTE065R	29-37.3377-91.8113-4-51-000	7.7	45	0.18	0.051	237	17.0	2300	-0.001	54	1630	97.0	5250	0.6	1.13
MOTE066R	29-37.3383-91.7741-4-51-000	7.3	65	0.44	0.034	159	.	2200	-0.001	54	1970	98.0	4590	-0.1	0.52
MOTE067R	29-37.4073-91.6871-4-51-000	7.8	120	1.30	0.075	275	72.0	4500	-0.001	.	6440	131.0	4060	0.9	0.63
MOTE069R	29-37.3021-91.9009-4-51-000	8.1	175	2.10	0.150	247	.	3900	-0.001	32	9720	143.0	5130	0.5	0.86
MOTE070R	29-37.2763-91.9186-4-51-000	8.2	185	2.30	0.169	175	24.0	3400	-0.001	19	8230	138.0	4910	-0.1	0.91
MOTE071R	29-37.2846-91.8668-4-51-000	7.7	90	0.65	0.050	217	.	4100	-0.001	37	4590	106.0	5370	0.5	0.56
MOTE072R	29-37.2699-91.8320-4-51-000	7.8	80	0.75	0.042	203	.	4400	-0.001	38	4920	91.0	5230	0.9	0.53
MOTE073R	29-37.2329-91.8505-4-51-000	7.8	190	2.50	0.131	298	.	4000	0.010	.	9940	139.0	4480	1.1	0.69
MOTE074R	29-37.2121-91.8257-4-51-000	7.7	150	2.10	0.079	274	.	3500	-0.001	.	10840	128.0	4930	-0.1	0.53
MOTE075R	29-37.1591-91.8482-4-51-000	8.0	240	3.90	0.157	198	38.0	3700	-0.001	48	13720	162.0	4640	0.3	0.65
MOTE076R	29-37.1688-91.8129-4-51-000	7.6	210	3.30	0.134	290	.	3200	-0.001	29	11860	158.0	4250	1.4	0.64
MOTE077R	29-37.1783-91.8716-4-51-000	8.2	240	3.30	0.200	101	18.0	3800	-0.001	.	13810	153.0	4700	-0.1	0.83
MOTE078R	29-37.2212-91.9070-4-51-000	8.3	220	2.90	0.183	208	.	5200	-0.001	30	14810	172.0	4940	0.7	0.83
MOTE079R	29-37.3951-91.8873-4-51-000	7.8	80	0.85	0.068	280	.	3500	-0.001	16	4350	119.0	5470	-0.1	0.85
MOTE080R	29-37.3229-91.9475-4-51-000	8.1	120	1.40	0.050	181	15.0	4100	-0.001	35	4650	126.0	4970	0.7	0.42
MOTE081R	29-37.3603-91.9607-4-51-000	8.0	110	1.30	0.062	266	.	3400	-0.001	60	7050	125.0	4460	1.3	0.56
MOTE082R	29-37.3527-92.0177-4-51-000	8.4	215	2.90	0.119	181	75.0	5400	-0.001	28	13820	153.0	5140	0.4	0.55
MOTE083R	29-37.3918-92.0314-4-51-000	8.2	165	1.60	0.085	172	.	5000	-0.001	19	8290	133.0	5390	0.7	0.52
MOTE084R	29-37.3653-92.0946-4-51-000	8.2	215	2.60	0.128	168	.	5600	-0.001	36	15280	157.0	5730	0.5	0.60
MOTE085R	29-37.3550-92.1677-4-51-000	8.2	230	2.70	0.008	6	.	M	-0.001	.	530	6.0	210	-0.1	0.03
MOTE086R	29-37.3257-92.1721-4-51-000	8.1	240	3.00	0.220	111	.	8200	-0.001	.	18740	186.0	6970	0.7	0.92
MOTE087R	29-37.3505-92.2093-4-51-000	8.1	215	2.70	0.159	155	.	5800	-0.001	41	12780	179.0	5170	0.4	0.74
MOTE088R	29-37.3766-92.1870-4-51-000	8.2	250	3.40	0.173	125	24.0	4900	-0.001	47	11740	170.0	4980	-0.1	0.69
MOTE089R	29-37.4000-92.2441-4-51-000	8.1	170	1.50	0.122	263	.	6800	-0.001	29	8980	141.0	6510	0.5	0.72
MOTE090R	29-37.4058-92.2096-4-51-000	8.3	215	2.80	0.173	242	.	5800	-0.001	33	11620	164.0	5470	-0.1	0.80
MOTE091R	29-37.4432-92.2137-4-51-000	8.2	205	2.90	0.131	329	25.0	4200	0.020	15	14190	160.0	5230	0.4	0.64
MOTE092R	29-37.4626-92.2257-4-51-000	8.3	200	3.00	0.104	200	46.0	4000	-0.001	17	12030	159.0	4610	0.4	0.52
MOTE093R	29-37.5343-92.2429-4-51-000	8.3	150	2.00	0.080	408	.	4200	-0.001	63	7540	146.0	4580	-0.1	0.53

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOTE094R	29-37.4934-92.2245-4-51-000	8.4	200	2.60	0.080	167	15.0	4200	-0.001	.	11000	175.0	5220	0.6	0.40
MOTE095R	29-37.5110-92.2129-4-51-000	8.2	190	2.70	0.103	188	.	3400	-0.001	.	11990	165.0	4170	-0.1	0.54
MOTE096R	29-37.5400-92.1895-4-51-000	8.3	150	2.00	0.093	266	.	3700	-0.001	25	8270	141.0	4850	-0.1	0.62
MOTE097R	29-37.5069-92.1687-4-51-000	9.2	150	1.60	0.089	197	.	5100	-0.001	.	11280	149.0	5650	-0.1	0.59
MOTE098R	29-37.4855-92.1602-4-51-000	7.9	280	2.60	0.345	115	56.0	8900	-0.001	.	22450	212.0	8240	0.4	1.23
MOTE099R	29-37.4449-92.1634-4-51-000	8.1	175	2.40	0.124	219	.	5200	-0.001	37	11980	155.0	5160	-0.1	0.71
MOTE100R	29-37.4535-92.1866-4-51-000	8.1	210	2.90	0.124	134	.	4500	-0.001	38	14330	178.0	4740	1.0	0.59
MOTE101R	29-37.4132-92.1332-4-51-000	8.3	220	3.30	0.201	94	23.0	4900	-0.001	19	14600	176.0	4770	0.6	0.91
MOTE102R	29-37.4022-92.1102-4-51-000	8.0	240	3.70	0.194	132	.	6100	-0.001	.	15110	199.0	5430	0.3	0.81
MOTE103R	29-37.5839-92.1845-4-51-000	8.0	90	0.85	0.031	349	.	3400	-0.001	.	3190	107.0	4910	0.5	0.34
MOTE106R	29-37.5538-92.0498-4-51-000	7.5	130	1.60	0.064	364	.	4600	-0.001	.	4880	120.0	4530	0.4	0.49
MOTE108R	29-37.4924-92.0884-4-51-000	7.7	85	0.75	0.058	508	.	3900	-0.001	.	1770	111.0	4070	-0.1	0.68
MOTE109R	29-37.2397-91.9520-4-51-000	8.0	225	3.70	0.239	161	.	4600	0.010	.	16480	172.0	4650	1.0	1.06
MOTE110R	29-37.2097-91.9850-4-51-000	7.9	200	2.50	0.112	177	.	3900	-0.001	.	12770	169.0	4680	0.3	0.56
MOTE111R	29-37.1760-91.9582-4-51-000	7.8	265	4.10	-0.002	125	.	4600	-0.001	22	15570	190.0	4670	-0.1	0.00
MOTE112R	29-37.1474-91.9552-4-51-000	8.0	165	2.10	0.158	307	.	3600	-0.001	.	9480	170.0	5030	1.4	0.96
MOTE113R	29-37.1322-91.9857-4-51-000	7.5	165	2.40	0.135	172	21.0	3800	-0.001	18	10110	140.0	4900	-0.1	0.82
MOTE114R	29-37.1621-92.0120-4-51-000	8.2	200	2.50	0.091	194	.	3800	0.010	23	11360	143.0	4800	-0.1	0.46
MOTE115R	29-37.1712-92.0530-4-51-000	8.1	190	2.70	0.118	191	.	3900	-0.001	22	9520	153.0	4730	0.3	0.62
MOTE116R	29-37.1624-92.0823-4-51-000	7.9	220	3.90	0.185	83	.	3800	0.010	.	11790	152.0	4300	-0.1	0.84
MOTE117R	29-37.1667-92.1187-4-51-000	8.3	130	1.70	0.091	287	.	3400	-0.001	22	9510	122.0	4870	0.5	0.70
MOTE118R	29-37.1258-92.0755-4-51-000	7.1	210	2.80	0.156	194	.	6600	-0.001	52	12280	158.0	6060	-0.1	0.74
MOTE119R	29-37.0852-92.0223-4-51-000	8.2	75	0.95	0.026	134	.	4500	-0.001	.	4210	106.0	4870	-0.1	0.35
MOTE120R	29-37.0921-91.9932-4-51-000	7.5	35	0.22	0.027	341	.	4200	-0.001	.	94.0	5110	-0.1	0.77	
MOTE121R	29-37.0901-91.9311-4-51-000	8.3	210	3.10	0.195	136	.	3800	-0.001	51	13660	171.0	4670	0.6	0.93
MOTE122R	29-37.0644-91.9334-4-51-000	7.4	55	0.50	0.043	277	.	3200	-0.001	.	1340	98.0	4450	-0.1	0.78
MOTE123R	29-37.0797-91.8995-4-51-000	8.3	294	3.70	0.214	134	.	3300	-0.001	33	18230	96.0	4790	0.4	0.73
MOTE124R	29-37.1030-91.8943-4-51-000	8.3	250	3.10	0.191	129	.	3700	-0.001	.	18980	186.0	4920	0.9	0.76
MOTE125R	29-37.0922-91.8578-4-51-000	8.3	265	4.20	0.187	115	.	3400	-0.001	35	14990	192.0	4890	-0.1	0.71
MOTE126R	29-37.0720-91.8423-4-51-000	8.2	160	2.00	0.137	126	.	3500	-0.001	13	11180	145.0	5030	0.4	0.86
MOTE127R	29-37.0762-91.8150-4-51-000	7.9	130	2.00	0.117	175	.	2800	-0.001	20	8120	117.0	4710	-0.1	0.90
MOTE128R	29-37.0721-91.7929-4-51-000	8.4	250	3.60	0.191	105	.	3500	-0.001	44	14120	169.0	4770	-0.1	0.76
MOTE129R	29-37.0536-91.7120-4-51-000	7.7	230	1.80	0.066	127	.	2500	-0.001	22	5410	104.0	4380	-0.1	0.29
MOTE130R	29-37.0990-91.7121-4-51-000	7.9	300	4.50	0.379	87	.	3300	-0.001	22	16030	249.0	4980	1.2	1.26
MOTE132R	29-37.1139-91.7607-4-51-000	8.1	190	2.70	0.108	178	16.0	3700	-0.001	24	12030	152.0	4830	0.6	0.57
MOTE133R	29-37.1780-91.7261-4-51-000	7.6	50	0.40	0.038	352	20.0	4000	-0.001	.	3240	94.0	4830	0.9	0.76
MOTE139R	29-37.1578-91.6891-4-51-000	7.5	30	0.20	0.043	391	.	3500	-0.001	30	75.0	4760	-0.1	1.43	
MOTE141R	29-37.2390-91.7937-4-51-000	7.3	190	4.30	0.135	124	15.0	5000	-0.001	27	14880	136.0	5660	0.6	0.71
MOWS001R	29-37.7820-90.7455-4-51-000	6.8	60	0.30	0.037	429	60.0	9300	-0.001	42	1800	291.0	3390	-0.1	0.62
MOWS002R	29-37.7883-90.7040-4-51-000	8.5	550	5.60	-0.002	178	268.0	26400	-0.001	.	37740	499.0	13470	-0.1	0.00
MOWS003R	29-37.9831-90.7265-4-51-000	8.9	110	1.60	0.161	393	124.0	7000	-0.001	48	8570	179.0	4070	1.3	1.46
MOWS004R	29-37.9899-90.6449-4-51-000	8.4	250	6.00	-0.002	150	102.0	9400	-0.001	35	17580	262.0	5190	-0.1	0.00
MOWS005R	29-38.0225-90.6604-4-51-000	8.6	240	3.40	0.410	109	62.0	11500	0.020	.	18980	251.0	5750	-0.1	1.71
MOWS006R	29-38.0318-90.6440-4-51-000	8.5	100	4.30	0.505	243	99.0	11500	-0.001	.	17790	238.0	5230	-0.1	5.05
MOWS007R	29-38.0110-90.6882-4-51-000	8.2	205	3.10	0.314	263	96.0	9000	-0.001	75	17440	204.0	6200	-0.1	1.53
MOWS009R	29-37.9407-90.8057-4-51-000	6.8	225	3.20	0.300	88	.	9900	-0.001	.	17730	219.0	3380	0.9	1.33
MOWS010R	29-37.9637-90.8547-4-51-000	7.2	325	4.10	0.401	95	77.0	8400	-0.001	15	26770	264.0	3630	-0.1	1.23
MOWS011R	29-37.9736-90.8876-4-51-000	7.6	290	4.40	0.440	60	.	9500	-0.001	.	20850	274.0	3740	-0.1	1.52
MOWS012R	29-37.9666-90.9260-4-51-000	7.8	150	2.80	0.221	67	151.0	8000	-0.001	22	10080	207.0	3280	0.5	1.47
MOWS015R	29-37.9202-91.0059-4-51-000	7.7	200	2.30	0.126	89	.	8900	-0.001	.	11180	199.0	3410	-0.1	0.63
MOWS017R	29-37.9071-91.0558-4-51-000	7.8	195	2.90	0.165	97	.	7800	-0.001	.	13910	197.0	2930	-0.1	0.85
MOWS021R	29-37.8398-91.0194-4-51-000	7.2	235	2.10	-0.002	70	91.0	8100	-0.001	25	15820	228.0	3180	0.9	0.00
MOWS022R	29-37.8441-90.9964-4-51-000	7.8	260	5.40	0.477	196	50.0	8300	-0.001	.	24930	255.0	3370	-0.1	1.83
MOWS023R	29-37.8247-90.9384-4-51-000	7.8	210	3.90	0.282	42	100.0	9200	-0.001	36	14470	199.0	3140	-0.1	1.34
MOWS024R	29-37.8103-90.9714-4-51-000	8.0	240	3.80	0.440	92	58.0	9100	-0.001	.	19400	236.0	3130	0.6	1.83

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D. *****	DOE I.D.		PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOWS025R	29-37.7780-	91.0668-4-51-000	7.8	220	3.30	0.323	92	86.0	8500	-0.001	135	16040	187.0	5740	-0.1	1.47
MOWS026R	29-37.7599-	91.0770-4-51-000	8.1	240	3.50	0.474	49	48.0	10500	-0.001	66	23960	243.0	4930	-0.1	1.98
MOWS027R	29-37.9185-	90.7482-4-51-000	7.9	150	3.90	0.265	93	117.0	10200	-0.001	79	13650	236.0	4140	-0.1	1.77
MOWS028R	29-37.9449-	90.7220-4-51-000	8.3	240	3.20	0.394	94	66.0	10400	-0.001	.	19340	231.0	5340	-0.1	1.64
MOWS030R	29-37.7539-	91.0603-4-51-000	8.1	240	4.80	0.338	42	44.0	8000	-0.001	.	23490	230.0	3170	-0.1	1.41
MOWS031R	29-37.9259-	90.7762-4-51-000	8.2	140	5.60	0.305	91	.	10200	-0.001	28	15740	183.0	3860	0.6	2.18
MOWS033R	29-37.8742-	90.7168-4-51-000	8.4	135	2.40	0.173	133	77.0	9700	-0.001	.	12910	173.0	3580	0.6	1.28
MOWS034R	29-37.8603-	90.7288-4-51-000	8.5	220	2.20	0.459	118	.	10900	-0.001	.	19490	231.0	3900	-0.1	2.09
MOWS035R	29-37.8793-	90.6607-4-51-000	8.6	240	4.00	0.412	96	.	9900	-0.001	.	19820	95.0	3680	0.4	1.72
MOWS036R	29-37.9099-	90.8863-4-51-000	7.9	150	2.00	0.304	180	40.0	7200	-0.001	54	9710	157.0	3040	0.7	2.03
MOWS037R	29-37.9110-	90.9186-4-51-000	8.0	170	2.50	0.176	108	61.0	9100	-0.001	16	13590	176.0	2660	-0.1	1.04
MOWS038R	29-37.8750-	90.9330-4-51-000	8.4	60	0.40	0.063	184	102.0	10700	-0.001	.	6320	113.0	2820	-0.1	1.05
MOWS040R	29-37.8777-	90.8770-4-51-000	7.6	125	1.60	0.146	171	70.0	11400	-0.001	49	11170	152.0	2720	-0.1	1.17
MOWS041R	29-37.7799-	90.9982-4-51-000	8.1	190	3.00	0.332	106	81.0	7900	-0.001	.	16830	190.0	3560	1.3	1.75
MOWS042R	29-37.7463-	90.9642-4-51-000	8.2	110	3.00	0.237	135	60.0	7700	-0.001	.	9790	177.0	2860	0.5	2.15
MOWS043R	29-37.7570-	90.9917-4-51-000	8.1	150	2.50	0.211	182	27.0	8100	-0.001	.	9010	170.0	2420	-0.1	1.41
MOWS044R	29-37.7760-	91.0287-4-51-000	8.3	200	2.70	0.414	218	66.0	9000	-0.001	.	14710	218.0	3470	-0.1	2.07
MOWS045R	29-37.7915-	91.0625-4-51-000	8.3	220	3.00	-0.002	128	.	11700	-0.001	78	18970	206.0	6000	-0.1	0.00
MOWS047R	29-37.7889-	90.8082-4-51-000	7.7	100	2.40	0.613	320	.	13700	-0.001	.	16540	94.0	5100	-0.1	6.13
MOWS048R	29-37.7786-	90.8509-4-51-000	8.3	80	2.20	0.258	144	108.0	8200	-0.001	.	13800	217.0	3230	-0.1	3.23
MOWS049R	29-37.7590-	90.8802-4-51-000	8.3	75	2.00	0.308	208	123.0	9900	-0.001	.	15790	198.0	2930	0.7	4.11
MOWS050R	29-37.7418-	90.8901-4-51-000	8.6	50	0.60	0.033	247	150.0	7600	-0.001	.	2680	142.0	3200	1.9	0.66
MOWS051R	29-37.7445-	90.8578-4-51-000	8.4	60	1.50	0.201	172	155.0	9200	-0.001	25	12050	165.0	3830	1.5	3.35
MOWS052R	29-38.0325-	90.7529-4-51-000	8.2	220	4.80	0.493	142	76.0	10100	-0.001	13	21610	243.0	4520	-0.1	2.24
MOWS053R	29-38.0638-	90.7489-4-51-000	8.3	260	4.20	0.516	106	59.0	9500	-0.001	59	19460	251.0	4230	0.7	1.98
MOWS054R	29-38.0098-	90.7534-4-51-000	8.0	240	3.50	-0.002	135	58.0	10600	-0.001	.	21970	246.0	4850	-0.1	0.00
MOWS056R	29-38.1522-	90.7439-4-51-000	8.6	222	2.40	0.460	420	177.0	15500	0.020	74	13880	261.0	10980	-0.1	2.07
MOWS057R	29-38.1694-	90.7762-4-51-000	8.6	240	3.00	-0.002	129	107.0	12300	-0.001	56	20410	264.0	10370	-0.1	0.00
MOWS058R	29-38.1583-	90.8263-4-51-000	8.5	240	4.70	0.584	120	132.0	12900	-0.001	39	18710	295.0	7010	-0.1	2.43
MOWS061R	29-38.1424-	90.8249-4-51-000	8.4	230	3.70	-0.002	105	44.0	11200	0.010	.	15570	269.0	5240	-0.1	0.00
MOWS062R	29-38.1677-	90.8459-4-51-000	8.1	330	5.00	0.266	83	.	6400	-0.001	.	24400	303.0	3960	-0.1	0.81
MOWS064R	29-38.1740-	90.9432-4-51-000	8.3	210	4.80	0.311	201	.	7900	0.010	.	18220	248.0	3630	0.5	1.48
MOWS065R	29-38.1940-	90.9797-4-51-000	8.2	300	3.20	0.660	76	179.0	24400	-0.001	84	19040	262.0	14020	-0.1	2.20
MOWS067R	29-38.2039-	91.0695-4-51-000	7.7	900	2.00	3.622	231	595.0	147800	0.040	2384	28580	519.0	89280	-0.1	4.02
MOWS070R	29-37.7606-	90.7272-4-51-000	8.7	70	0.70	0.109	295	137.0	11400	-0.001	.	3780	164.0	5080	-0.1	1.56
MOWS074R	29-37.8082-	90.7044-4-51-000	8.2	240	3.60	0.427	148	37.0	10700	-0.001	27	19620	252.0	4590	-0.1	1.78
MOWS078R	29-38.0203-	90.8080-4-51-000	8.5	300	6.00	0.590	127	93.0	9100	-0.001	.	24510	164.0	3720	-0.1	1.97
MOWS079R	29-38.0383-	90.8412-4-51-000	8.6	230	4.80	0.378	162	92.0	9700	-0.001	30	23040	261.0	4900	-0.1	1.64
MOWS080R	29-38.0384-	90.8822-4-51-000	8.9	225	3.00	0.462	127	.	12100	-0.001	124	15880	226.0	4410	-0.1	2.05
MOWS082R	29-38.0137-	90.8737-4-51-000	8.9	200	3.60	0.330	139	85.0	7700	-0.001	.	13980	214.0	3880	-0.1	1.65
MOWS083R	29-38.0859-	90.9174-4-51-000	8.2	400	3.90	0.613	105	108.0	20000	-0.001	222	24410	377.0	12550	-0.1	1.53
MOWS084R	29-38.1043-	90.9357-4-51-000	8.2	110	2.00	0.265	123	64.0	7800	-0.001	47	12610	198.0	3830	0.6	2.41
MOWS086R	29-38.1333-	91.0052-4-51-000	8.1	1100	3.60	-0.002	606	1097.0	195900	-0.001	3389	46630	909.0	114650	7.9	0.00
MOWS087R	29-38.0907-	90.9912-4-51-000	8.0	240	3.50	0.385	72	.	14100	-0.001	121	12980	236.0	6940	-0.1	1.60
MOWY001R	29-36.9369-	90.3978-4-51-000	7.4	60	0.40	0.253	2189	.	8600	-0.001	.	.	.	2690	-0.1	4.22
MOWY002R	29-36.9649-	90.3823-4-51-000	7.4	50	0.40	-0.002	209	20.0	7800	-0.001	.	.	29.0	1380	-0.1	-0.03
MOWY003R	29-37.0280-	90.4418-4-51-000	7.5	140	1.00	0.077	111	36.0	8100	-0.001	.	7910	.	1660	-0.1	0.55
MOWY005R	29-37.0379-	90.2729-4-51-000	7.6	50	1.20	-0.002	120	30.0	7800	-0.001	.	.	30.0	1560	-0.1	-0.03
MOWY006R	29-36.9938-	90.2409-4-51-000	7.4	45	0.20	-0.002	221	68.0	8300	-0.001	.	.	24.0	1680	-0.1	-0.03
MOWY007R	29-36.9602-	90.2598-4-51-000	7.2	30	0.20	0.007	122	41.0	8700	0.040	.	.	24.0	1590	-0.1	0.23
MOWY008R	29-37.0306-	90.5294-4-51-000	6.4	40	0.20	-0.002	101	38.0	7700	-0.001	.	.	23.0	1720	-0.1	-0.04
MOWY010R	29-36.9810-	90.4607-4-51-000	6.9	60	0.20	-0.002	183	36.0	7000	-0.001	.	.	27.0	1510	0.5	-0.02
MOWY011R	29-36.9280-	90.5004-4-51-000	7.2	30	0.30	-0.002	186	38.0	7400	-0.001	.	.	23.0	1710	-0.1	-0.06
MOWY012R	29-36.9873-	90.5491-4-51-000	7.9	50	0.20	-0.002	106	54.0	8300	-0.001	.	.	24.0	1880	0.4	-0.03
MOWY013R	29-36.9384-	90.5328-4-51-000	6.8	70	0.20	-0.002	92	39.0	9500	-0.001	.	.	40.0	1890	-0.1	-0.02

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOWY014R	29-36.9557-90.5814-4-51-000	7.0	50	0.20	-0.002	171	.	8100	-0.001	.	.	.	1660	-0.1	-0.03
MOWY015R	29-36.9639-90.6277-4-51-000	7.3	130	0.20	0.034	91	.	7300	-0.001	.	.	45.0	1190	-0.1	0.26
MOWY016R	29-36.9653-90.6731-4-51-000	7.4	70	0.60	-0.002	145	20.0	7200	-0.001	.	.	31.0	1640	-0.1	-0.02
MOWY017R	29-37.0070-90.6552-4-51-000	7.5	110	0.80	-0.002	77	.	6900	-0.001	.	.	40.0	1680	-0.1	-0.01
MOWY018R	29-37.0100-90.6967-4-51-000	8.9	90	0.60	-0.002	27	6.0	M	-0.001	.	.	5.0	240	-0.1	-0.01
MOWY019R	29- - - -4-51-000	8.6	110	0.80	0.007	73	36.0	4400	-0.001	.	.	.	1270	-0.1	0.06
MOWY021R	29-37.1416-90.4109-4-51-000	8.4	100	1.10	0.020	134	.	3900	-0.001	.	2770	85.0	5160	-0.1	0.20
MOWY022R	29-37.1046-90.4384-4-51-000	7.5	50	0.30	0.084	137	.	3200	-0.001	26	8300	110.0	5110	-0.1	1.68
MOWY023R	29-37.0776-90.4130-4-51-000	7.8	200	2.10	-0.002	102	15.0	3500	-0.001	27	8440	151.0	5000	0.4	0.00
MOWY025R	29-37.0544-90.3245-4-51-000	8.3	45	0.22	0.047	161	.	5200	-0.001	.	6300	88.0	5690	0.3	1.04
MOWY028R	29-37.0558-90.2802-4-51-000	7.4	50	0.30	0.032	107	.	3700	-0.001	.	.	78.0	4280	-0.1	0.64
MOWY029R	29-37.0844-90.2880-4-51-000	6.9	25	0.08	0.038	125	.	3200	-0.001	22	.	79.0	4700	-0.1	1.52
MOWY030R	29-37.0764-90.1969-4-51-000	7.0	35	0.20	-0.002	140	.	3100	-0.001	.	1480	78.0	5130	0.7	-0.05
MOWY031R	29-37.0485-90.2004-4-51-000	7.2	40	0.28	0.027	243	.	3700	-0.001	.	1780	92.0	5460	-0.1	0.68
MOWY032R	29-37.0585-90.1434-4-51-000	7.3	100	0.85	0.125	319	32.0	3900	-0.001	.	4750	237.0	5330	0.5	1.25
MOWY033R	29-37.1121-90.2695-4-51-000	7.8	25	0.08	0.042	146	.	2900	-0.001	.	.	89.0	4880	-0.1	1.68
MOWY034R	29-37.1269-90.2927-4-51-000	6.9	30	0.10	0.020	154	14.0	3300	-0.001	14	1350	93.0	4590	-0.1	0.67
MOWY035R	29-37.1571-90.3116-4-51-000	7.0	40	0.20	0.039	69	12.0	3300	-0.001	.	.	69.0	4530	0.3	0.98
MOWY036R	29-37.1617-90.3524-4-51-000	6.8	20	0.08	0.009	99	.	3200	-0.001	.	.	65.0	3850	-0.1	0.45
MOWY038R	29-37.1638-90.4278-4-51-000	7.0	80	0.16	0.048	86	.	3300	-0.001	16	3330	97.0	4780	-0.1	0.60
MOWY039R	29-37.1633-90.4623-4-51-000	7.6	150	1.50	0.127	56	16.0	3800	-0.001	16	8020	132.0	4900	-0.1	0.85
MOWY040R	29-37.1926-90.4643-4-51-000	8.0	175	2.10	0.109	54	.	2500	-0.001	23	6140	103.0	4750	0.4	0.62
MOWY041R	29-37.2730-90.6620-4-51-000	7.0	80	0.70	0.051	87	.	3200	-0.001	14	6960	214.0	4690	0.4	0.64
MOWY042R	29-37.2376-90.7119-4-51-000	7.2	30	0.06	0.040	167	14.0	3600	-0.001	.	.	73.0	3910	-0.1	1.33
MOWY044R	29-37.1805-90.6801-4-51-000	7.7	120	1.20	0.096	212	.	3700	-0.001	29	5900	114.0	5250	-0.1	0.80
MOWY045R	29-37.1554-90.6910-4-51-000	7.8	240	2.30	0.190	91	.	4800	-0.001	19	10860	146.0	5020	1.2	0.79
MOWY046R	29-37.1476-90.7087-4-51-000	7.9	260	2.60	-0.002	106	29.0	3300	-0.001	.	14040	182.0	4860	-0.1	0.00
MOWY048R	29-37.1180-90.7287-4-51-000	8.1	110	0.85	0.054	117	.	4100	-0.001	33	2810	98.0	5060	-0.1	0.49
MOWY051R	29-37.0750-90.7284-4-51-000	7.4	200	1.90	0.122	97	.	3700	-0.001	24	10630	128.0	5320	-0.1	0.61
MOWY052R	29-37.0677-90.6751-4-51-000	8.0	260	2.50	0.248	82	.	3300	-0.001	.	12640	160.0	4540	-0.1	0.95
MOWY053R	29-37.0554-90.6536-4-51-000	8.1	140	1.40	0.087	192	.	2900	-0.001	36	7640	115.0	4200	-0.1	0.62
MOWY056R	29-37.0992-90.6055-4-51-000	8.4	30	0.08	0.014	94	14.0	3500	-0.001	.	1220	58.0	4420	-0.1	0.47
MOWY057R	29-37.0793-90.6048-4-51-000	7.9	30	0.12	0.030	117	.	3000	-0.001	.	2860	62.0	4340	0.6	1.00
MOWY058R	29-37.0678-90.5592-4-51-000	7.8	30	0.18	0.015	110	10.0	3300	-0.001	.	.	64.0	4590	-0.1	0.50
MOWY060R	29-37.0949-90.5215-4-51-000	7.2	90	0.85	0.056	97	17.0	3700	-0.001	20	4230	80.0	4580	-0.1	0.62
MOWY061R	29-37.1158-90.5099-4-51-000	7.4	130	1.40	0.106	72	27.0	3900	-0.001	.	6170	99.0	4880	-0.1	0.82
MOWY062R	29-37.1226-90.5310-4-51-000	7.7	160	1.50	-0.002	63	.	3500	-0.001	21	8130	117.0	4720	0.6	0.00
MOWY063R	29-37.2034-90.6467-4-51-000	8.3	210	1.90	0.155	78	.	3700	-0.001	34	9070	128.0	4560	0.3	0.74
MOWY064R	29-37.2249-90.6520-4-51-000	7.8	215	2.30	0.156	85	17.0	3600	-0.001	26	11430	128.0	4240	0.7	0.73
MOWY065R	29-37.2317-90.6715-4-51-000	7.9	40	0.22	0.034	121	.	3300	-0.001	.	1160	66.0	4460	0.3	0.85
MOWY066R	29-37.1595-90.6434-4-51-000	7.4	70	0.50	0.013	108	22.0	3200	-0.001	.	4000	73.0	4410	0.3	0.19
MOWY067R	29-37.1773-90.6318-4-51-000	7.6	240	2.40	0.215	88	.	4300	-0.001	.	10960	135.0	4880	0.5	0.90
MOWY068R	29-37.2068-90.6091-4-51-000	7.8	310	3.00	-0.002	62	.	4400	-0.001	.	17420	56.0	4620	-0.1	0.00
MOWY069R	29-37.1945-90.5934-4-51-000	8.2	305	3.10	-0.002	81	27.0	5600	-0.001	63	19360	59.0	5400	0.4	0.00
MOWY070R	29-37.1713-90.6027-4-51-000	8.1	130	1.30	0.072	105	.	3600	-0.001	.	6770	85.0	4840	-0.1	0.55
MOWY071R	29-37.1931-90.5569-4-51-000	7.9	280	2.70	0.241	64	20.0	3900	-0.001	20	13830	68.0	5150	-0.1	0.85
MOWY072R	29-37.2124-90.5596-4-51-000	8.3	190	1.70	0.135	115	20.0	3800	-0.001	35	10830	117.0	4570	-0.1	0.71
MOWY074R	29-37.2329-90.5469-4-51-000	2.1	350	3.50	0.315	53	.	3900	-0.001	21	19020	74.0	4650	-0.1	0.90
MOWY075R	29-37.2200-90.5347-4-51-000	8.3	340	3.50	0.276	61	.	3700	-0.001	.	18590	202.0	4690	0.7	0.81
MOWY076R	29-37.1938-90.5333-4-51-000	8.3	280	2.60	-0.002	62	22.0	4200	-0.001	19	17020	87.0	4640	-0.1	0.00
MOWY077R	29-37.1783-90.5260-4-51-000	8.1	305	3.10	-0.002	72	25.0	4000	0.020	.	17060	80.0	5220	0.5	0.00
MOWY078R	29-37.1746-90.5501-4-51-000	8.0	320	2.90	0.328	63	.	3300	-0.001	22	14360	83.0	4460	0.3	1.03
MOWY079R	29-37.1293-90.4822-4-51-000	8.0	200	1.90	0.216	71	.	3400	-0.001	18	10320	118.0	4600	0.6	1.08
MOWY080R	29-37.1995-90.4429-4-51-000	8.3	180	1.70	0.207	137	.	4200	-0.001	32	9560	113.0	5010	0.3	1.15
MOWY081R	29-37.2100-90.4084-4-51-000	7.9	30	0.08	0.034	188	.	4000	-0.001	.	.	85.0	4390	0.3	1.13

TABLE C-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -SURFACE WATER- STATE OF MISSOURI

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SRL I.D.	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPB	AL PPB	BR PPB	CL PPB	DY PPB	F PPB	MG PPB	MN PPB	NA PPB	V PPB	U/COND X 1000
MOHY082R	29-37.2120- 90.3808-4-51-000	7.5	50	0.38	0.023	85	.	3300	-0.001	.	2160	84.0	4120	-0.1	0.46
MOHY083R	29-37.2144- 90.3508-4-51-000	7.0	55	0.38	0.023	65	.	3700	-0.001	26	1990	234.0	4370	-0.1	0.42
MOHY085R	29-37.1807- 90.3124-4-51-000	7.3	30	0.10	0.027	93	.	3200	-0.001	.	1520	88.0	4150	-0.1	0.90
MOHY086R	29-37.1578- 90.2782-4-51-000	7.1	45	0.34	0.031	99	.	3100	-0.001	30	2930	88.0	4050	-0.1	0.69
MOHY087R	29-37.1716- 90.2500-4-51-000	7.5	110	0.95	0.110	96	.	3200	-0.001	.	5570	110.0	4520	-0.1	1.00
MOHY088R	29-37.1908- 90.2258-4-51-000	7.7	70	0.55	0.018	151	.	3200	-0.001	30	2670	88.0	4290	0.7	0.26
MOHY089R	29-37.2081- 90.2260-4-51-000	8.3	120	1.00	0.075	76	.	3200	-0.001	.	6550	134.0	4310	0.6	0.63
MOHY090R	29-37.2620- 90.2341-4-51-000	7.8	80	0.85	0.064	113	.	3400	-0.001	25	6460	105.0	4310	-0.1	0.80
MOHY091R	29-37.2389- 90.2628-4-51-000	7.9	160	1.70	0.010	3	.	M	-0.001	1	330	4.0	160	-0.1	0.06
MOHY092R	29-37.2260- 90.3224-4-51-000	8.1	80	0.65	0.044	67	.	3800	-0.001	35	4520	93.0	4360	-0.1	0.55
MOHY093R	29-37.2614- 90.3138-4-51-000	7.7	25	0.06	0.011	98	22.0	2900	-0.001	18	.	87.0	4580	-0.1	0.44
MOHY095R	29-37.2853- 90.2712-4-51-000	7.0	50	0.40	0.042	151	18.0	3400	-0.001	.	5080	92.0	3950	-0.1	0.84
MOHY096R	29-37.2991- 90.2991-4-51-000	7.2	70	0.65	0.058	254	.	3400	0.010	.	6210	139.0	4600	-0.1	0.83
MOHY097R	29-37.2979- 90.3640-4-51-000	7.7	110	1.10	0.076	135	.	3500	-0.001	.	8840	123.0	5030	-0.1	0.69
MOHY098R	29-37.2852- 90.5054-4-51-000	8.2	150	1.50	0.072	80	.	3200	-0.001	.	7260	118.0	4040	-0.1	0.48
MOHY099R	29-37.1283- 90.5693-4-51-000	8.4	40	0.28	0.029	111	.	3400	-0.001	.	1750	96.0	4220	-0.1	0.73
MOHY100R	29-37.1068- 90.5709-4-51-000	7.6	100	0.95	0.025	79	.	2900	-0.001	.	3540	83.0	4240	-0.1	0.25
MOHY102R	29-37.2389- 90.3722-4-51-000	8.1	60	0.55	0.018	75	.	3100	-0.001	.	.	79.0	4110	-0.1	0.30
MOHY103R	29-37.2616- 90.4407-4-51-000	7.8	200	2.30	0.130	69	20.0	3900	-0.001	14	7120	160.0	4360	-0.1	0.65
MOHY104R	29-37.2912- 90.4232-4-51-000	8.0	150	1.70	0.051	52	16.0	2400	-0.001	.	9060	123.0	4140	0.3	0.34