TID.	ANT	ITM_	00	CII	DD	EM	CE

REPORT

Quad Name	WINNEMUCCA
Deposit No.	13

. .

Continuation from p. 1-5:
<u>Label</u>
A82 < Canyon; at 2.3 miles turn left up steep hill; at 1.2 miles turn right;
at 0.2 miles the adit is on the right side of the road. >

REPORT

Quad Name A90< WINNEMUCCA

Quad Scale A100< 2, 5, 0, 0, 0, 0

Deposit No. B40< 14

Deposit Name AlO < Daisy Creek
Synonym Name(s) All < Dacie Creek, Granger Claims
District or Area A30 <
Country A40 (U, S) U, S State Nevada
State Code A50 <3,2   3,2   County A60 < Lander (Enter code twice from List D)
Position from Prominent Locality A82 From Battle Mountain drive south on Nevada
8A 11 miles and turn right. At 19.5 miles turn left onto Daisy Creek Road and
follow for 4.5 miles. Radioactive gravel pits are on both side of the road.
Field Checked Gl < 8.0 0.7 P By G2 < Berridge , William C. > Yr Mo Last name First Initial
Latitude A70 4.0 1.5 2.1 N Longitude A80 41.1.7 2.0 5.9 W Deg Min Sec
Township A77 < 10,2,8 N > Range A78 < 0,4,1 E > Section A79 < 3,4 > FT/M
Meridian A81 < Mt. Diablo B & M Altitude A107 < 5560 FT
Quad Scale A91 40,0,6,2,5,0,0 Quad Name A92 < Buffalo Springs (7½' or 15' quad)
Physiographic Province A63 < 12   Basin and Range (List K)
Location Comments A83 < The major radioactive units occur in the gravel pits in the
northwest corner of the Fish Creek Basin.
Location Sketch Map:
Xoravel Pit
32 33 Grave Pit 35 36 T28N
Daisy Creek
FISH CREEK BASIN
5 4 3 2 1 T27N
Scale 1:62,500

ORANIOH-OCCURRENCE	Quad Name WINNEMUCCA
REPORT	Deposit No.14
Commodities Present:	
Commodities Produced: MAJOR 4 CO	PROD 4
MINOR 4 BY	PROD 4
Potential Commodities: POTEN Qui OCCUR Q	
Commodity Comments C50 <	The state of the s
	>
Status of Exploration and Development A20 <_(1 = occurrence, 2 = raw prospect, 3 = development	
Comments on Exploration and Development L110	< Minerals Exploration Co. and Phillip
Uranium Corp. have drilled extensively in th	e Fish Creek Basin. >
Property is A21 (Active) A22 (Inactive)	e) (Circle appropriate labels)
Workings ar M120 Surface) M130 (Undergro	ound) M140 (Both)
Description of Workings M220< Bulldozer tren	
	(Table 1)
OH2 accuracy thousands of 1b.	S NO SML MED LGE (circle) years grade
$G7 \triangleleft U                                   $	G7C<> G7D<
Source of Information D9 <	<u> </u>
Production Comments D10 < Nothing produced.	>
Reserves and Potential Resources TH accuracy thousands of 1b.	year of est. grade
ElA ElA	> E1C<
Source of Information E7 <	>
comments E8 < See the Winnemucca Folio - Fish	Creek Basin section.

	Page 3
URANIUM-OCCURRENCE	Quad Name WINNEMUCCA
REPORT	Deposit No. 14
Deposit Form/Shape M10 < Channels, rolls	, and stratiform layers.
FT/M Length M40 < 100 > M41< M >	Size M15 (circle letter):
Width M50 < 20 > M51< M >	1b U308
Thickness M60 < ? > M61 < >  Strike M70 < ? >  Dip M80 < ? >  Tectonic Setting N15 < Mobile Belt	A 0 - 20,000 B 20,000 - 200,000 C 200,000 - 2 million D 2 million - 20 million E More than 20 million
	tral postion of the Beside and Beside
Major Regional Structures N5 < North-cent  Physiographic Province.	tral portion of the Basin and Range
Local Structures N70 < Located within the	
Host-FM. Name U1 <	> Member U2 <
Host Rock Kl < Tertinary   15 Fine (Age) (1)  and claystones with local FeOx, MnOx, secalteration, attitude, geometry, structure	Rock type, texture, composition, color, ondary silica and calcite.
	>
Host-Rock Environment U3 < Lacustrine-flu (Sed. dep. envir Comments on Associated Rocks U4 < Sediments derived fr	ron., metamorphic facies, ign. environ.)
	<i>O</i> >
Ore Minerals C30 < Uraniferous collophane.	and the second s

Tangue Minerals K4 < Iron oxides, calcite, and quartz.

WINNEMUCCA

**** . **	-			-
IIRAN	TIIM.	OPPI	IRREN	

	REPORT	Deposi	t No. 14		
Alteration	N75 < Hematitic and lim	onitic alteration	n, zeolitiza	ation, and phos	sphatization
					>
Reductants	U5 < Local carbonaceous	material, iron o	oxides, and	clays.	
/					
Analytical	Data (General) C43 <				
					>
	Data (General) U6 < 20	(No. times ba	ckground an	d dimensions)	
	ighest radioactivity occu the Fish Creek Basin.				
	ls K5 < Clay layers, loca	al fractures, and			
7/1					6 1
					>
Deposit Cla	ss C40 < Hydroallogenic		> C:	lass No. U7 <	14 10 >
Comments on	Geology N85 <				
					>

Quad Name

Quad Name	WINNEMUCCA	
Deposit No.	14	

REPO	Da
KKKI	I KOLL

Uranium Analyses:

Sample No.	Sample Description	Uranium Analysis
MEQ-063	Fish Creek Mountain Tuff	6 ppm U308
MEQ-064	Tertiary Lake Sediments	290 ppm U308
MEQ-065	Tertiary Lake Sediments	9 ppm U308
MEQ-066	Tertiary Lake Sediments	14 ppm U308
MEQ-067	Tertiary Lake Sediments	10 ppm U308
MEQ-068	Fish Creek Mountain Tuff	8 ppm U308

Geologic Sketch Map and/or Section, with Sample Locations:

# References:

F1 < Garside, L. J., 1973, Radioactive mineral occurrences in Nevada: Nevada Bi	ureau
of Mines and Geology Bulletin 81, 121 p.	>
F2 < Larson, L. T., Beal, L. H., Friby, J. R., Hibbard, M. J., Slemmons, D. B.,	and
Larson, E. R., 1977, Great Basin geologic framework and uranium favorability:	> *
F3 < Meehan, Bob, and Hetland, Don, 1954, Dacie Creek: U.S. Atomic Energy Commi	ssion,
Preliminary Reconniassance Report N-SL-145, Open-File Report, 1 p.	>
F4 < Computerized Resources Information Bank (CRIB): U.S. Geological Survey.	

Quad Name WINNEMUCCA

REPORT

Deposit No. 14

Continuation from p. 1-5:

Label					
	T	-	1_		3
	3.	a	$\mathbf{n}$	ea.	1

Label		
<	URANIUM ANALYSES: (con't)	
MEQ-151	Very fine grained white-gray tuffaceous claystone.	13 ppm U308
MEQ-152	Coarse grained, white-gray, arkosic sandstone.	6 ppm U308
MEQ-154	Same as MEQ-151 w/more FeOx.	760 ppm U308
MEQ-155	White-light gray, tuffaceous mudstone w/locally	560 ppm U308
	abundant FeOx.	
MEQ-156	Brown-white, medium-coarse grained arkosic sandstone.	14 ppm U308
MEQ-157	Very fine grained, white-gray tuffaceous mudstone	18 ppm U308
	w/FeOx and MnOx.	
MEQ-158	Very fine grained, white-gray tuffaceous mudstone-	492 ppm U308
Management or an extension of the second legs	claystones.	
MEQ-159	Very fine grained, brown-red-brown tuffaceous mudstone	- 610 ppm U308
-	claystone.	
MEQ-167	Medium-coarse grained, silicified, arkosic sandstone.	490 ppm U308
MEQ-168	Very fine grained, white, silicified siltstone-shale	265 ppm U308
	w/FeOx.	
MEQ-169	Very fine grained, white-gray, siliceous mudstone	770 ppm U308
	w/Fe0x and Mn0x.	
MEQ-170	Very fine grained, gray-green, tuffaceous claystone	620 ppm U308
	w/Fe0x and Mn0x.	
MEQ-171	Very fine grained, white tuffaceous claystone w/FeOx.	11 ppm U308
MEQ-701	Same as MEQ-170	205 ppm U308
MEQ-702	Same as MEQ-171	899 ppm U308
MEQ-201	thru 227, 289-350, and 501-686 are subsurface samples w/	1 to 720 ppm U308
F2 <	U.S. Energy Research and Development Administration, GJB	BX-36(78), Open-

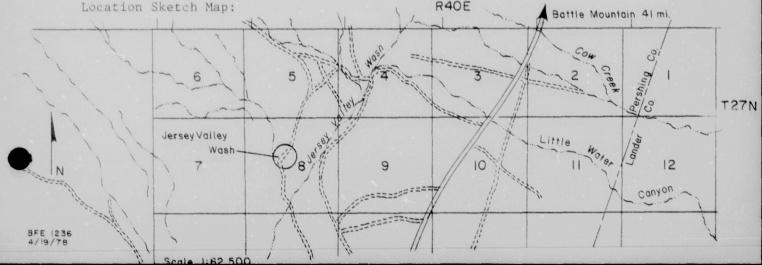
REPORT

Quad Name A90< <u>WINNEMUCCA</u>

Quad Scale A100< , 2, 5, 0, 0, 0, 0

Deposit No. B40< 15

Deposit Name AlO < Jersey Valley Wash >
Synonym Name(s) All <>
District or Area A30 < Northern end of Jersey Valley >
Country A40 (U, S) U, S State Nevada
State Code A50 93,2
Position from Prominent Locality A82 < Go south on Nevada 8A from Battle Mountain
for 11.6 miles, turn right; at 2.4 miles take left fork; at 8 miles take right for
at 8.7 miles turn right; at 2.8 miles turn left; at 1.3 miles stop and walk up to Berridge William C.  Field Checked Gl < 8.0   0.7 By G2 Wolverson Nancy J.  Yr Mo Last name First Initial
Latitude A70 44,0H1,3H3,9,NP Longitude A80 41,1,7H3,0H1,6,WP Deg Min Sec
Township A77 < 0.2.71NP Range A78 < 0.4.01EP Section A79 < 0.8P
Meridian A81 < Mt. Diablo B & M > Altitude A107 < 4440 FT
Quad Scale A91 40,0,6,2,5,0,0 Quad Name A92 < Cain Mountain (7½' or 15' quad)
Physiographic Province A63 <[1,2]   Basin and Range
Location Comments A83 < Located in Sec. 4, 5, 8, 9, T27N, R40E, on Cain Mountain
15' Quad and on Mt. Moses 15' Quad.
Location Sketch Map:  R40E  Battle Mountain 41 mi.



URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	_15
Commodities Present:		_▶
Commodities Produced: MAJOR \(\frac{Z_E_0}{\}\)	COPROD 4	
MINOR 4	BYPROD 4	
Potential Commodities:	4	
Commodity Comments C50 < Mobil Oil Corpora	tion acquired the	area for the zeolite
potential.		>
Status of Exploration and Development A20 $(1 = \text{occurrence}, 2 = \text{raw prospect}, 3 = \text{deve})$		= producer)
Comments on Exploration and Development Lli	10 < Extensive doze	r work and drilling for
zeolites. Recently staked for uranium.		>
Property is A21 (Active) A22 (Inact:	ive) (Circ	le appropriate labels)
Workings are M120 (Surface) M130 (Under	ground) M140	(Both)
Description of Workings M220< Numerous doze	er cuts and minor	drilling. >
Cumulative Uranium Production PROD  DH2 accuracy thousands of 1b.  G7   U	years	MED LGE (circle)  grade  G7D<
Source of Information D9 <		>
Production Comments D10 < No uranium ever	produced but zeali	tes have been produced
in the past.		<u> </u>
Reserves and Potential Resources  EH accuracy thousands of 1b.  E1  U	year of est. LB> ElC<	grade E1D< <u>% U308</u> >
Source of Information E7 <		
Comments E8 <		***************************************

URANIUM-OCCURRENCE	Quad Name WINNEMUCCA
REPORT	Deposit No. 15
Deposit Form/Shape M10 <	>
Length M40 < > M41 < >	Size M15 (circle letter):
Width M50 <> M51<>	1b U308
Thickness M60 <> M61<>	A 0 - 20,000 B 20,000 - 200,000
Strike M70 <>	C 200,000 - 2 million
Dip M80 <>	D 2 million - 20 million E More than 20 million
Tectonic Setting N15 < Mobile Belt	
Major Regional Structures N5 < North central graphic Province.	
	<b>—————————————————————————————————————</b>
Local Structures N70 <	
Host-FM. Name U1 <  Host Rock K1	
color and lithology. Strick N40E dip 30 alteration, attitude, geometry, structure,	SE.
attended, attitude, geometry, structure,	etc.)
	>
Host-Rock Environment U3 < Lakebed sedimen	tary environment.
(Sed. dep. environments on Associated Rocks U4 <	on., metamorphic facies, ign. environ.)
	>
Ore Minerals C30 <	
Gangue Minerals K4 <	<b>&gt;</b>
	>

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No	15
Alteration N75 < Zeolitization		
Reductants U5 <		
Analytical Data (General) C43 <		
Radiometric Data (General) U6 < 3 time		and dimensions)
Ore Controls K5 <		
Deposit Class C40 < Hydroallogenic	>	
Comments on Geology N85 <		

TTTT A 3	TTTTE	AMM	TTT TTT	MAY MY
1115 /2 /	-MUTU	-4 14 4	INKE	H VIII

Quad Name	WINNEMUCCA	
Deposit No.	15	

REPORT

Uranium Analyses:

Sample No.	Sample Description	Uranium Analysis
MEQ-110	Tertiary Lake beds Tuffaceous	8 ppm U308
MEQ-111	Tertiary Lake 'nds.	111 ppm U308
MEQ-134	Tertiary Lake becs.	10 ppm U308
MEQ-135	Tertiary Lake beds.	18 ppm U308
MEQ-136	Tertiary Lake beds.	12 ppm U308
MEQ-137	Tertiary Lake beds Tuffaceous	82 ppm U308

Geologic Sketch Map and/or Section, with Sample Locations:

_
>
_>
_
_>
_

Quad Name	WINNEMUCCA	
Doposit No	15	

REPORT

Continuation from p. 1-5:

2.4	a	200	~	4

< UR	ANIUM ANALYSES:	
MEQ-139	Tertiary Lake beds.	28 ppm U308
MEQ-165	Fine-medium grained, gray, thick bedded water-lain(2),	7 ppm U308
	air-fall tuff.	
MEQ-166	Very fine-medium grained, white-brown-gray, tuffaceous	23 ppm U308
	sandstone-shale w/Fe0x rings.	
MEQ-276	Fine-medium grained, white, tuffaceous, siltstone-shale	18 ppm U308
	w/abundant FeOx. Minor MnOx.	
MEQ-277	Fine-medium grained, white-gray, claystone with minor	7 ppm U308
	FeOx + MnOx.	

Nevada 10 mi.

14

23

R44E R45E

T27N

BFE 1236 4/19/78

Quad Name A90< WINNEMUCCA

REPORT	Quad Scale Al00<	, 2, 5, 0, 0, 0,	<u>o</u> p
NA ONE	Deposit No. B40<_	16	>
Deposit Name AlO < Wilson Canyon			>
Synonym Name(s) All <	•		>
District or Area A30 < Carico Lake Valley			>
Country A40 QU, SP U, S State	e Nevada		
State Code A50 <3,2   3,2   Coun (Enter code twice from List D)	ty A60 < Lander		> 1
Position from Prominent Locality A82 < Go so	outh on Nevada 8A	from Battle I	Mountain
for 25.3 miles (Redrock Canyon sign) and turn	left; at 9 miles	take Left fo	ork; at
4.7 miles stop and the uranium occurrence is	in the outcrop apr	proximately '	1000 ft > *
Berrido	ge	William	C.
Field Checked G1 < 8,0 0,7 By G2 Wolvers Yr Mo Last	name ,	Nancy First I	nitial >
Latitude A70 < 4,0 - 1,2 - 4,4 NP Longitud	e A80 <1.1.6 + 5.5 Deg Min		
	EI> Section A79	9.11.6P	FT/M
Meridian A81 < Mt. Diablo B & M	> Altitude Al0	7 < 5800 F	>
Quad Scale A91 (0,0,6,2,5,0,0) Quad (7½' or 15' quad)	d Name A92 < <u>Car</u>	ico Lake	>
Physiographic Province A63 <1.2   Basin and (List K)	Range		
Location Comments A83 <			
			>
Location Sketch Map:	0 0		12
	Wilson Canyon 15	14	13
24	Horse Ranch	23	Carico Lake Ranch 3 mi.
77 %		1 11	

Scale 1:62500

		Page 2
URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	16
Commodities Present: Cl0 qU, ,  ZE101?		
Commodities Produced: MAJOR	> COPROD 4	
MINOR 4	> BYPROD <	
Potential Commodities: POTEN QU OCC	UR <	
Commodity Comments C50 <		
Status of Exploration and Development A2 (1 = occurrence, 2 = raw prospect, 3 = o Comments on Exploration and Development	developed rospect,	
Property is A21 (Active) A22 (Inst		rcle appropriate labels)
Description of Workings M220< None	derground) M14	(BOCH)
Cumulative Uranium Production PROD  DH2 accuracy thousands of lb.  G7 U	rvation.	
Reserves and Potential Resources		

Source of Information E7 < On site observation.

Comments E8 <

URANIUM-OCCURRENCE	Quad Name WINNEMUCCA
REPORT	Deposit No. 16
Deposit Form/Shape M10 < Stratiform	.>
FT/M > M41<>	Size M1.5 (circle letter):
Width M50 <> M51<>	1b U308
Thickness M60 <> M61<>	A 0 - 20,000
Strike M70 <>	B 20,000 - 200,000 C 200,000 - 2 million
Dip M80 <>	D 2 million - 20 million E More than 20 million
Tectonic Setting N15 < Mobile Belt	
	ral portion of Basin and Range Physiographic
Province.	
	>
Local Structures N70 < On north edge of ur	nnamed Volcano-Tectonic depression.
	>
Host-FM. Name Ul <	
Host Rock K1 TERTIARY   15 Fine (Age) (Ro	grained, white, diatomaceous vitric tuffs; ock type, texture, composition, color,
totally welded. Glass is locally entirely	
alteration, attitude, geometry, structure,	etc.)
local barite cement. Tuffs are generally	waterlain airfalls.
	<b>&gt;</b>
Host-Rock Environment U3 < Lakebed environ	ment. >
Comments on	on., metamorphic facies, ign. environ.)
Associated Rocks U4 <	
	,
	>
Ore Minerals C30 < Uraniferous collophane o	occurs in samples MEQ-146, 172, 173, 174.
A single grain of a Ce, La, Nd bearing cart	
Gangue Minerals K4 <	
	>

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	16
Alteration N75 < Devitrification.		
Reductants U5 <		
Analytical Data (General) C43 <		
Radiometric Data (General) U6 < 3 times B (No	G in 1' thick be	ed exposed for approximation and dimensions)
200 m.		
	4	
ore Controls K5 < Distribution of phosph		
eposit Class C40 < <u>Hydroallogenic</u>		> Class No. U7 <5 4 0
omments on Geology N85 < Abundant cylind		
nd 174. Zeolites are dispersed through o		ceous claystones; MEQ-140
47.		

****	444	****	nn	277	TOTAL	T-3.7	2	•
TIRA								

Quad Name _	WINNEMUCCA	
Deposit No.	16	

REPORT

Uranium Analyses:

Sample No.	Sample Description	Uranium Analysis
MEQ-145	Tertiary Seds Brown	5 ppm U308
MEQ-146	Tertiary Seds White - 1' Thick	196 ppm U308
MEQ-147	Teritary Seds 5' channel.	15 ppm U308
MEQ-148	Tertiary Seds White - 3' Thick	6 ppm U308
MEQ-149	Tertiary Seds White	3 ppm U308
MEQ-150	Tertiary Seds Brown	1 ppm U308

Geologic Sketch Map and/or Section, with Sample Locations:

References:	
F1 < This study.	
	>
F2 <	
	>
F3 <	
	>
F4 <	

Quad Name WINNEMUCCA

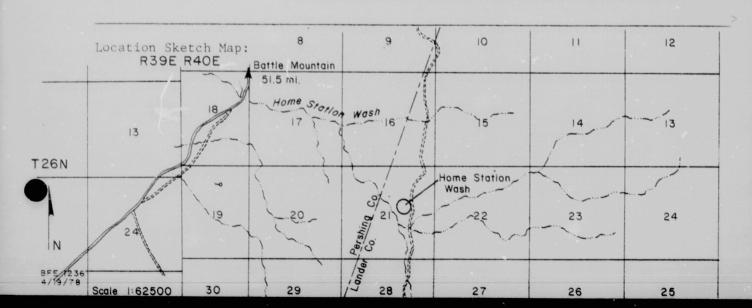
	REPORT	Deposit No. 16	
Continuati	on from p. 1-5:		
Label			
A82 < or	the north side of the road.	>	
	MEO-1/4		
UF	RANIUM ANALYSES:		
MAG-703	Tertiary Seds White -	1' Thick	142 ppm U30
MAG-704	Data - W. T. 66		
MAG-707			
MEQ-172	White tuffaceous mudstone	w/MnOx.	
MEQ-173	Same as MEQ-172		169 ppm U308
MEQ-174	Same as MEQ-172		
	( )		
	• )		
		. /	
		, . W	

REPORT

Quad	Name A90<	WINNEMUCCA	
Quad	Scale Al00<	, 2, 5, 0, 0, 0, 0	
Depos	sit No. B40<	10	

Deposit No. B40< 19
Deposit Name AlO < Home Station Wash
Synonym Name(s) All <
District or Area A30 <
Country A40 (U, S) U, S State Nevada
State Code A50 <3,2 \ (Enter code twice from List D) County A60 < Lander
Position from Prominent Locality A82 < Go south on Nevada 8A from Battle Mountain
for 11.6 miles and turn right (west); after 2.4 miles take left fork; at 8 miles
take right fork; after 14.6 miles turn left (east) up Home Station Wash; stay on
Field Checked Gl < 8 0 0 6 By G2 Berridge , William C.  Yr Mo Last name First Initial
Latitude A70 4.0 10.6 3.7 ND Longitude A80 41.1.7 12.8 15.9 ND Deg Min Sec
Township A77 < 0.2.6 N Range A78 < 0.4.0 E Section A79 < 2.1 P E/W FT/M
Meridian A81 < Mt. Diablo B&M > Altitude A107 < 4720 FT
Quad Scale A91 (0,0,6,2,5,0,0) Quad Nam. A92 (Mt. Moses (7½' or 15' quad)
Physiographic Province A63 <[1,2]   Basin and Range (List K)

Location Comments A83 < Anomalous radioactivity occurs on the west side of the road.



WINNEMUCCA

URANIUM-OCCURRENC
DEDODE

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA	
REPORT	Deposit No.	19	
Commodities Present:		>	
Commodities Produced:	COPROD 4		
MINOR 4	BYPROD 4		
Potential Commodities:	4		
Commodity Comments C50 <			>
Status of Exploration and Development A20 (1 = occurrence, 2 = raw prospect, 3 = dev		, 4 = producer)	
Comments on Exploration and Development L1	10 < There are r	umerous drill holes	
scattered throughout Home Station Wash and	extending out	into the eastern hal	f of >
Property is A21 (Active) (A22) (Inact	ive) (C	ircle appropriate la	bels)
Workings are M120 (Surface) M130 (Under	ground) M1	40 (Both)	
Description of Workings M220< Some small do	zer pits which	may or may not be as	sociat
with the anomaly.			>
Cumulative Uranium Production PROD	YES NO SML	MED LGE (ci	rcle)
DH2 accuracy thousands of 1b.  G7 \( \text{U} \) \( \text{F} \) \( \text{G7A} \( \text{N} \) \( \text{Q} \) \( \text{N} \) \( \text{E} \) \( \text{F} \) \( \text{G7B} \) \( \text{E} \)	years > G7C<		U308>
Source of Information D9 < On site observa	ation.		>
Production Comments D10 <			
			>
Reserves and Potential Resources			
EH accuracy thousands of lb.	year of e	st. grade	U308>
Source of Information E7 <			>
Comments E8 <			

URANIUM-OCCURRENCE	Quad Name WINNEMUCCA
REPORT	Deposit No. 19
Deposit Form/Shape M10 < Channels and roll	ls.
Length M40 <> M41<>	Size M15 (circle letter):
Width M50 <> M51<>	<u>1b U308</u>
Thickness M60 < > M61< >	A 0 - 20,000
Strike M70 <>	B 20,000 - 200,000 C 200,000 - 2 million
Dip M80 <>	D 2 million - 20 million E More than 20 million
Tectonic Setting N15 < Mobile Belt	
Major Regional Structures N5 < North centra	l portion of the Basin and Range
Physiographic Province.	
Local Structures N70 < Located just off th	e western flank of the Fish Creek
Caldera.	
	· · · · · · · · · · · · · · · · · · ·
Host-FM. Name U1 <	> Member U2 <
Host Rock Kl   TIE RIT - QUIAT   B Poort	y consolidated pebble conglomerate with ock type, texture, composition, color,
fragments up to 2 inches in diameter; abundalteration, attitude, geometry, structure,	dant iron oxides (hematite); appears to
be ≤ 1 ft thick.	etc.)
Host-Rock Environment U3 < Sedimentary laket (Sed. dep. environments on Associated Rocks U4 <	n., metamorphic facies, ign. environ.)
Ore Minerals C30 < Unknown secondary uranium	
Gangue Minerals K4 < Calcite.	>

	-	-	many territories and the same territories
TIDAN	TTTM	OCCITO	RENCE
UKAN	T Old	ULLUR	REINLE

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No	19
Alteration N75 < Hematitic alteration.		
Reductants U5 < Iron oxides (hematite)		
Analytical Data (General) C43 <		
Radiometric Data (General) U6 < 10 times	No. times background	and 5 times BG (10 ft and dimensions)
interface.		
		;
Deposit Class C40 < Hydroallogenic  Comments on Geology N85 <		

Quad	Nan	ne _	WINNEMU	CCA	
Depos	sit	No.	19		

REPORT

Uranium Analyses:

Sample No.	Sample Description	Uranium	Analysis
MEQ-153	Poorly consolidated pebble conglomerate w/abundant FeOx (hematite)	216	ppm U308
MEQ-278	Coarse grained, reworked(?), tuffaceous sandstone- conglomerate w/wood fragments.		ppm U308
MEQ-279	Medcoarse grained, gray, tuffaceous siltstone- sandstone w/abundanct FeOx. Wood & secondary calci	ite. 272	ppm U308
MEQ-280	Coarse grained FeOx rich conglomerate w/minor MnOx and wood.		ppm U308
MEQ-284	Coarse grained, red, conglomeratic sandstone with abundant secondary uranium mineral.	1030	80EU maa

Geologic Sketch Map and/or Section, with Sample Locations:

References:	
F1 <	
F2 <	
	,
F3 <	
	>
F4 <	

URANTIM-OCCURRE	- NI	4001	

Quad	Name	WINNEMUCCA	
_		10	

	REPORT	Deposit No.	19
Contin	nuation from p. 1-5:		
Label			
A-82	<pre><main 4.8="" and="" dirt="" for="" miles="" pre="" road="" the<=""></main></pre>	uranium occurrenc	ce is in road cut on
	west side of road.>		/
L110	Jersey Valley.>		
· ·			
100			
7			

REPORT

BFE 1236 4/19/78

T35N

Quad Name A90 WINNEMUCCA Quad Scale A100 \ , 2, 5, 0, 0, 0, 0 Deposit No. B40<1

		Deposite no.		
Deposit Name AlO	< Harris			>
Synonym Name(s) Al	1 < Golconda Hot Sp	ring		<u> </u>
District or Area	30 < Golconda, Nevad	а		<u> </u>
Country A40 QU	SP U S	State Nevada		
State Code A50 <3 (Enter code	2 3,2 twice from List D)	County A60 < Hu	mboldt .	
Position from Prom	ninent Locality A82	< Located at Golcon	nda, Nevada.	
Field Checked Gl	<7.8 0.6 P By G2< Yr Mo	Cupp Last name		M. Initial
Latitude A70 44.0 Deg	H5.7-13.9, NP Lo	ongitude A80 <1117 Deg	H219H3141WP Min Sec	
Township A77 < 10.3	6 N Range A78 <	10,4,0 E > Section E/W	A79 4219P	FT/M
Meridian A81 < M	. Diablo B & M	> Altitud	e A107 < 4380	FT
Quad Scale A91 (7½' or 15' q	1.0.2.4:0.0.0 > uad)	Quad Name A92 <	Golconda	
Physiographic Prov	ince A63 <1_2   Ba: (List K)	sin and Range		
Location Comments	A83 < Located on we	est side of payed co	oad at the seri	es of ronds
Location Sketch Ma	P: (R40E		Western	
△ <sup>C</sup> 0	nda 484	Scuthe		Pacific
ernucca 15 mi. 80	Harris	33		34
	GOLCO DA			
1:24,000 36 T36N				

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	1
Commodities Present:		Þ
Commodities Produced: MAJOR 4 CO	PROD 4	
MINOR 4 BY	PROD 4	11111
Potential Commodities: POTEN 4 OCCUR 4	طلبتا	
Commodity Comments C50 < No commodities are	present.	
Status of Exploration and Development A20 < (1 = occurrence, 2 = raw prospect, 3 = devel		= producer)
Comments on Exploration and Development L110	) <	
Property is A21 (Active) A22 (Inactive)	re) (Circl	Le appropriate labels)
Workings are M120 (Surface) M130 (Undergr	ound) M140	(Both)
Description of Workings M220< None.		
Cumulative Uranium Production PROD Y	ES NO SML N	MED LGE (circle)
DH2 accuracy thousands of 1b.  G7 Q U	years >	grade G7D< <u>% U308</u>
Source of Information D9 < On site observati	on.	
Production Comments D10 < No known producti	on 3	
Reserves and Potential Resources		
EH accuracy thousands of 1b. ELQUI PELA <none elb<lb<="" td=""><td>year of est.</td><td>grade E1D&lt; <u>% U308</u></td></none>	year of est.	grade E1D< <u>% U308</u>
Source of Information E7 < On site observati	on	
Comments E8 < No apparent reserves or resour	ces.	

URANIUM-OCCURRENCE	Quad Name WINNEMUCCA
REPORT	Deposit No. 1
Deposit Form/Shape M10 <ft m<="" td=""><td></td></ft>	
Length M40 < > M41< >	Size M15 (circle letter):
Width M50 <> M51<>	1b U308
Thickness M60 < > M61< >	A 0 - 20,000
Strike M70 <>	B 20,090 - 200,000 C 200,000 - 2 million
Dip M80 <>	D 2 million - 20 million E More than 20 million
Tectonic Setting N15 < Mobile Belt	
Major Regional Structures N5 < North cer	ntral portion of the Basin and Range
Physiographic Province.	
	>
Local Structures N70 <	
Host-FM. Name U1 <	> Member U2 <
Host Rock Kl (Quuiaitjeirinjairiy) M Allu	
(Age) (I	Rock type, texture, composition, color,
alteration, attitude, geometry, structure,	etc.)
determine, determine, geometry, structure,	, etc.)
	>
Host-Rock Environment U3 < Hot spring envi (Sed. dep. envir	con., metamorphic facies, ign. environ.)
Comments on Associated Rocks U4 <	
	>
Ore Minerals C30 < None.	
	>
Gangue Minerals K4 <	

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	1
Alteration N75 <		
Reductants U5 <		
Analytical Data (General) C43 <0052		
(1973) reports thorium in the water.		
Radiometric Data (General) U6 < Small	area 10' x 10' is 4	times BG
	(No. times background	and dimensions)
Ore Controls K5 <		
		100
		14
		>
Deposit Class C40 <	>	Class No. U7
Comments on Geology N85 <		
		>

TITO A	STTTT	TOOOT	IRRENCE
I I I K A	MILIM		IN N H VII H

Quad Name WINNEMUCCA

D	-	n	1	n	n
R	L	r	U	K	Ų

Deposit No.

Uranium Analyses:

Sample No.	Sample Description	Uranium Analysis
MEQ-033	Sediments around Hot Spring	3 ppm U308

Geologic Sketch Map and/or Section, with Sample Locations:

# References:

Fl < Davis, H. C., Horner, W., and Olsen, D., 1953, Harris: U.S. Atomic Energy					
Co	mmission, Preliminary Reconnaissance Report N-SL-17, Open-File Report, 1 p.	_>			
F2	< Garside, L. J., 1973, Radioactive mineral occurrences in Nevada: Nevada B	ureau			
of	Mines and Geology Bulletin 81, 121 p.	>			
F3					
		>			
F4	<	1			
		_			

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	1
Continuation from p. 1-3:		
Label		
F1 < 1 p. >	<u> </u>	
Many the desirable and the second sec		
•		
The commence of the control of the c		

REPORT

BFE 1236 4/19/78

Scale 1:24,000

Quad Name A90< WINNEMUCCA Quad Scale A100< 12,5,0,0,0,0 Deposit No. B40<2

Deposit Name AlO < Etchart Claims >
Synonym Name(s) All <>
District or Area A30 < Golconda >
Country A40 (U,S) U,S State Nevada
State Code A50 43,2   County A60 < Humboldt (Enter code twice from List D)
Position from Prominent Locality A82 < Go east from Golconda on Nevada 18 and when
it turns left (north) continue east for another 2 miles; turn left and go to the end
of the road (1/2 mile) to small prospect.
Field Checked Gl < 7.8 0.6 P By G2 < Cupp , Gary M. Yr Mo Last name First Initial
Latitude A70 94.0 H5.6 H1.3 NP Longitude A80 91.1.7 H2.4 H3.2 WP  Deg Min Sec Deg Min Sec
Township A77 < 0 3 9 NP Range A78 < 0 4 1 1 E P Section A79 < 0 6 P FT/M
Meridian A81 < Mt. Diablo 3 & M > Altitude A107 < 5050 FT >
Quad Scale A91 4 Q Q Q 4 Q Q Q Q Q Quad Name A92 < Golconda > (7½' or 15' quad)
Physiographic Province A63 <1,2   Basin and Range   Description   Descri
Location Comments A83 < Located at old prospect on east side of small ridge above
jeep trail.
Location Sketch Map: R40E R41E
Etchart Etchart
Borrow Pits 6
△ Gool
(80) T 35
N 12 8
Scale 1:24,000 Battle Mountain 31 mi.

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	2
Commodities Present:		·
Commodities Produced:	COPROD 4	
MINOR 4	BYPROD 4	
Potential Commodities: POTEN 4 OCCUR	4	
Commodity Comments C50 < Nothing ever pro-	duced.	
		>
Status of Exploration and Development A20 (1 = occurrence, 2 = raw prospect, 3 = dev		= producer)
Comments on Exploration and Development Ll	10 < Prospect for t	turquoise. >
Property is A21 (Active) A22 (Inact Workings are M120 (Surface) M130 (Under Description of Workings M220< Prospect.		Both)
Cumulative Uranium Production PROD  OH2 accuracy thousands of 1b.  G7  U	years > G7C<>	MED LGE (circle)  grade  G7D<
Source of Information D9 < On site observa	tion.	>
Production Comments D10 <		
Reserves and Potential Resources  EH accuracy thousands of 1b.  E1  U		
Source of Information E7 < On site observ	ation.	>
Comments E8 < No uranium potential.		

URANIUM-OCCURRENCE	Quad Name WINNEMUCCA
REPORT	Deposit No. 2
Deposit Form/Shape M10 < FT/M	
FT/M Length M40 <> M41<>	Size M15 (circle letter):
Width M50 <> M51<>	<u>1b U308</u>
Thickness M60 < > M61< > Strike M70 < >	A 0 - 20,000 B 20,000 - 200,000 C 200,000 - 2 million D 2 million - 20 million
Dip M80 <>	E More than 20 million
Tectonic Setting N15 < Mobile Belt	
Major Regional Structures N5 < North cent	ral portion of the Basin and Range
Physiographic Province.	
	>
Local Structures N70 <	
Host-FM. Name Ul < Havalla	> Member U2 <>
Host Rock Kl < P E N N - P E R M   18 Quar (Age)	tzite with abundant quart veinlets and Rock type, texture, composition, color,
minor turquoise and epidote.	
alteration, attitude, geometry, structure,	, etc.)
	<u> </u>
Host-Rock Environment U3 < (Sed. dep. envir Comments on Associated Rocks U4 <	on., metamorphic facies, ign. environ.)
	>
Ore Minerals C30 < Turquoise	
	<b>&gt;</b>
Gangue Minerals K4 < Quartz.	

URANIUM-OCCURRENCE	Quad Name _	WINNEMUCCA
REPORT	Deposit No.	_2
Alteration N75 <		
Reductants U5 <		
Analytical Data (General) C43 < The on		
about 5 times the world wide average (V	inogradov, 1956).	
	1:	
Radiometric Data (General) U6 < 1 times	BG	
	No. times backgroun	d and dimensions)
Ore Controls K5 <		
		-
Deposit Class C40 <		> Class No. U7
Comments on Geology N85 <		
1 / 1		)

TITO A N		000		
URAN	ILUM-	OCCL	JRREI	VOI

Quad Name _	WINNEMUCCA		
Deposit No	2		

REPORT

Uranium Analyses:

Sample Description	Uranium Analysis
Havalla Formation at prospect	19 ppm U308

Geologic Sketch Map and/or Section, with Sample Locations:

# References:

Fl	Larson, L. T., Beal, L. H., Firby, J. R., Hibbard, M. J., Stemmons, D. B.,	and
Lar	rson, E. R., 1977, Great Basin geologic framework and uranium favorability:	_> .
F2	<	
_		>
F3	<	
		- >
F4	<	
		_ >

WINNEMUCCA URANIUM-OCCURRENCE Quad Name REPORT Deposit No. Continuation from p. 1-3: Label F1 < U.S. Energy Research and Development Administration, GJBX-36(78), Open-File Report, 39 p. >

REPORT

BFE 1236 4/19/78

Scale 1:24.000

Quad Name A90< WINNEMUCCA Quad Scale A100< , 2, 5, 0, 0, 0, 0 Deposit No. B40< 3

Deposit Name AlO < Iron Point >
Synonym Name(s) All <>
District or Area A30 < Iron Point Mining District >
Country A4C (U S) U S State Nevada
State Code A50 43,2   3,2   County A60   Humboldt   Center code twice from List D)
Position from Prominent Locality A82 < Go east on I80 from Golconda for 9.2 miles
and take the Iron Pt. exit, go north for .2 miles and take the left fork; at .35
miles take left fork; at .40 miles take left fork; at 1.5 miles take right turn > *  Wolverson, Nancy J.  Field Checked G1 < 8.0   0.7 P By G2 < Berridge , William C. > Yr Mo Last name First Initial
Latitude A70 94.0 H5.5 H2.4, NP Longitude A80 91.1.7 H1.9 H0.6. WP  Deg Min Sec Deg Min Sec
Township A77 < 0 3 9 NP Range A78 < 0 4 1 1 E P Section A79 < 1 2 P E/W FT/M
Meridian A81 < Mt. Diablo B & M > Altitude A107 < 4600 FT >
Quad Scale A91 <0.0.2.4.0.0.0 > Quad Name A92 < Iron Point > (7½' or 15' quad)
Physiographic Province A63 <1 2 Basin and Range Clist K)
Location Comments A83 < Approximately 1 mile north of I-80, Iron Point Exit.
Location Sketch Map:    X
N Borrow Pit XX T 35 N
14

URANIUM-OCCURRENCE Qua	d Name	WINNEMUCCA
REPORT Dep	osit No.	3
Commodities Present:		▶
Commodities Produced: MAJOR  COPROD	4	
MINOR A BYPROD	السله	
Potential Commodities:		
Commodity Comments C50 <		
		>
Status of Exploration and Development A20 $<$ 2 $>$ (1 = occurrence, 2 = raw prospect, 3 = developed		= producer)
Comments on Exploration and Development L110 < 20	evelopment wo	rk done as part of
exploration for commodities other than uranium.		>
Property is A21 (Active) (A22) (Inactive)		le appropriate labels)
Workings are M120 (Surface) M130 (Underground	) M140	(Both)
Description of Workings M220< Large bulldozer co	ıts.	
		>
Cumulative Uranium Production PROD YES	NO SML	MED LGE (circle)
DH2 accuracy thousands of lb. G7 U G7A NONE G7B G7B G7C	years	grade G7D<
Source of Information D9 < On site observation-		>
Production Comments D10 <		
Reserves and Potential Resources		
EH accuracy thousands of lb. EL U	year of est.	grade E1D<
Source of Information E7 < On site observation.		>
Comments E8 <		

TITOA	NTIIM	00	OTTO	DEST	OT
LIKA		-()(	LIIK	RHN	С

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	3
Deposit Form/Shape M10 < Fissure veins.		
Length M40 < 3 > M41 < FT >	Size M15 (circ	ele letter):
Width M50 <> M51<>	1b U308	
Thickness M60 < 0.5 > M61 <ft> Strike M70 &lt; &gt;</ft>	A 0 - 20,000 B 20,000 - 20 C 200,000 - 2	
Dip M80 <>	D 2 million - E More than 2	- 20 million
Tectonic Setting N15 < Mobile Belt		
Major Regional Structures N5 < North centr	ral portion of th	e Basin and Range
Physiographic Province.		
Local Structures N70 < Thrust Fault.		>
Host-FM. Name Ul < Vinini	> Member U2 <	>
Host Rock Kl 40 rd ov i ci an Black	shale, very fine	
thin-bedded with 1/4 inch quartz stringers alteration, attitude, geometry, structure,	etc.)	
		>
Host-Rock Environment U3 < Deep water maring (Sed. dep. environments on Associated Rocks U4 <	on., metamorphic	sfacies, ign. environ.)
Ore Minerals C30 < Yellow platy secondary un	ranium mineral, i	dentified by x-ray as
carnotite, occurs as fracture fillings.		>
Gangue Minerals K4 < Quartz.		***
		>

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	3
Alteration N75 <		
Reductants U5 < Carbon		v
Analytical Data (General) C43 <		
Radiometric Data (General) U6 < up to 1	O times BG No. times background	and dimensions)
	no. cimes background	and dimensions)
Ore Controls K5 < Fissures.		
		, -
		>
eposit Class C40 < Marine black shale	>	Class No. U7 41,3,0
omments on Geology N85 < The uranium p	resent is localized	along fissures and was
pparently leached from overlying felsi	c tuffs.	
Y		
		>

TIDAN	TTTM_	OCCI	RRENCE
UNAIN	T UIT	COL.L.	KKE NI. P.

Quad Name	WINNEMUCCA	
Deposit No.	3	

Uranium Analyses:

Sample No.	Sample Description	Uranium Analysis		
MES-299	Black Shale	76 ppm U308		
MEQ-116	Black Shale	65 ppm U308		
MEQ-162	Carbonaceous, black shale	2130 ppm U308		

Geologic Sketch Map and/or Section, with Sample Locations:

References:		
F1 <		
		<u> </u>
F2 <	3.	
		>
F3 <		
		>
F4 <		

REPORT

Quad Name WINNEMUCCA

Deposit No. 3

Continuation from p. 1-5:
Label
A82 < and go for .2 miles. The uranium occurrence is on the Left (north) side
of the road about halfway up the hill.>

REPORT

34

Quad	Name A	A90<	WINNEMUCCA	
Quad	Scale	A1004	, 2, 5, 0, 0, 0, 0	
Dana	ait No	B/100		,

Deposit No. B40< 4
A Winn Winn
Deposit Name AlO < Copper King Mine >
Synonym Name(s) All < Maggie Creek Prospect >
District or Area A30 < Maggie Creek Valley >
Country A40 (U, S) [U, S] State Nevada
State Code A50 <3,2 County A60 < Eureka (Enter code twice from List D)
Position from Prominent Locality A82 < Go north on Maggie Creek Road from Carlin fo
6.5 miles and turn left, almost immediately take right fork and go 1.5 miles; take
a sharp left and go for 1.5 miles to Copper King Mine.
Field Checked Gl < 7,8 0,7 By G2 Cupp , Gary M. > Yr Mo Last name First Initial
Latitude A70 44.0 H4.8 H0.3, ND Longitude A80 41.1.6 H1.4 H2.1 WP  Deg Min Sec Deg Min Sec
Township A77 < 0.3,4 N > Range A78 < 0.5,1 E > Section A79 <2.7 > E/W FT/M
Meridian A81 < Mt. Diablo B & M > Altitude A107 < 5600 FT >
Quad Scale A91 40,0,2,4,0,0,0 Quad Name A92 < Schroeder Mountain > (7½' or 15' quad)
Physiographic Province A63 < 1,2   Basin and Range > (List K)
Location Comments A83 < Radioactive zone located approximately 500 m east of open
pit at Copper King Mine.
Location Sketch Map:
Copper King X Mine X A Real Carlin 6.5 m
T 34

WINNEMUCCA

		200	 	4	204	-	-
URAN	TIIM	-01	130	D.	CN	C	n

Quad Name
REPORT Deposit No. 4
Commodities Present: Cl0 < C,U,  A,U,  U,
Commodities Produced: MAJOR QC.U.   A.U.     COPROD Q
MINOR 4 BYPROD 4
Potential Commodities: POTEN 4 OCCUR
Commodity Comments C50 < It may be possible to recover U as a by product of Cu and
Au production- >
Status of Exploration and Development A20 < 4 > (1 = occurrence, 2 = raw prospect, 3 = developed prospect, 4 = producer)
Comments on Exploration and Development L110 < Produced Cu and Au but not U. Present
under development as low-grade Au deposit.
Property is A21 (Active) (A22) (Inactive) (Circle appropriate labels)
Workings are M120 (Surface) M130 (Underground) (M140 (Both)
Description of Workings M220< 200 ft vertical shaft, 850 ft underground working,
Open pit - 85 ft x 65 ft x 100 ft deep, numerous pits and trenches.
Cumulative Uranium Production PROD YES NO SML MED LGE (circle) DH2
accuracy thousands of lb.   years   grade   G7   U
Source of Information D9 < On site observation.
Production Comments D10 <
<del></del>
Reserves and Potential Resources
EH       accuracy       thousands of Jb.       year of est.       grade         El       U       P       ElA       ElB       ElB       ElC       P       ElD       % U308
Source of Information E7 < One site observation. >
Comments E8 < Surface radioactivity would suggest very low potential even as a by
product. >

URANIUM-OCCURRENCE	Quad Name WINNEMUCCA
REPORT	Deposit No. 4
Deposit Form/Shape M10 < Radioactive fract	ures.
Length M40 < 6 > M41< M >	Size M15 (circle letter):
Width $M50 < 6 > M51 < M >$	<u>1b U308</u>
Thickness M60 <> M61<>	A 0 - 20,000 B 20,000 - 200,000
Strike M70 < N45°E >	C 200,000 - 2 million
Dip M80 < 70°W >	D 2 million - 20 million E More than 20 million
Tectonic Setting N15 < Mobile Belt	>
Major Regional Structures N5 < North centra	al portion of the Basin and Range
Physiographic Province.	
	>
Local Structures N70 < Normal faulting.	
Host-FM. Name Ul < Vinini Formation	> Member U2 < >
	grained, medium gray, silicified, argillite
(Age) (Ro	ock type, texture, composition, color,
alternation attack to	
alteration, attitude, geometry, structure,	etc.)
	>
Host-Rock Environment U3 < Deep water marin	e. >
Comments on	on., metamorphic facies, ign. environ.)
Associated Rocks U4 < Area appears to have	once been covered by Tertiary tuffaceous
sediments of the Carlin Formation which cro	op out near by.
Ore Minerals C30 < No uranium minerals obse	erved. Malachite.
Gangue Minerals K4 <	>

URANIUM-OCCURRENCE	Quad Name WINNEMUCCA
REPORT	Deposit No. 4
Alteration N75 < Limonitic and hemati	tic coatings in fractures.
Reductants U5 < Sulfides most likely p	resent below oxidized zone.
Analytical Data (General) C43 < PRR#34	7105%eU, .06% U308 (Garside, 1973), MEQ-
Radiometric Data (General) U6 < 2 to 3	times BG in small pit about 6m x 6m. (No. times background and dimensions)
Ore Controls K5 < Fractures.	· · · · · · · · · · · · · · · · · · ·
	>
Deposit Class C40 < Magmatic-hydrother  Comments on Geology N85 <	mal > Class No. U7 < 3,3,0

URAN	TIIM.	OCCI	קקו	FMCE

Quad	Name	WINNEMUCCA	
Dana	oit No	4	

Uranium Analyses:

Sample No.	Sample Description	Uranium Analysis
MEQ-072	Argillite of Ordovician Vinini Formation	92 ppm U308
-		

Geologic Sketch Map and/or Section, with Sample Locations:

## References:

F1 < Emmett, L. F., 1952, Copper King mine: U.S. Atomic Energy Commission, Prel	iminar
Reconnaissance Report D-475, Open-File Report, 1 p.	>
F2 < Garside, L. J., 1973, Radioactive mineral occurrence in Nevada: Nevada Bur	<u>'e</u> au
of Mines and Geology Bulletin 81, 121 p.	>
F3 < Larson, L. T., Beal, L. H., Friby, J. R., Hibbard, M. J., Stemmons, D. B.,	<b>a</b> nd
Larson, E. R., 1977, Great Basin geologic framework and uranium favorability:	
F4 < Computerized Resources Information Bank (CRIB): U.S. Geological Survey.	

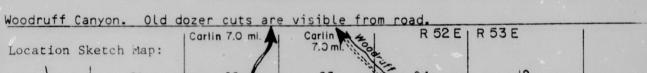
URANIUM-OCCURRENCE	Quad Name WINNEMUCCA
REPORT	Deposit No. 4
Continuation from p. 1-5:	
<u>Label</u>	
F3 < U.S. Energy Research and Development	Administration, GJBX-36(78), Open-
File Report, 39 p.>	
The state of the s	
	K 💢 ·

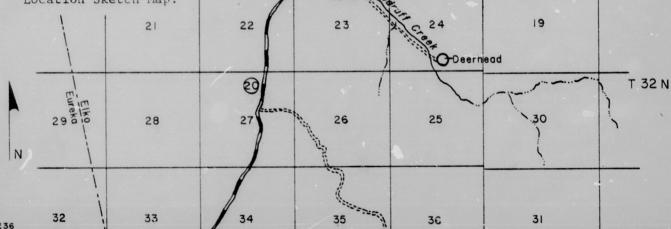
es

URANIUM-OCCURRENCE
REPORT
eposit Name AlO < Deerheac

Quad	Name A90< W	INNEMUCCA	
Quad	Scale Al00<	, 2, 5, 0, 0, 0, 0	
Depos	sit No. B40<7	, , , , , , , , , , , , , , , , , , , ,	

Deposit Name AlO < Deerhead >
Synonym Name(s) All < Dear. Horn, Dama >
District or Area A30 < Woodruff Creek >
Country A40 (U, S) U, S State Nevada
State Code A50 <3,2 County A60 < Elko (Enter code twice from List D)
Position from Prominent Locality A82 < Go south on Nevada 20 from Carlin for 2.5 mi
and turn left, travel 6 miles up Woodruff Canyon and the uranium occurrence is on th
hill on the left (north) side of the road.
Field Checked Gl < 8,0 0,7 By G2 Wolverson Nancy J Yr Mo Last name First Initial
Latitude A70 410 317 317 12141 ND Longitude A80 41116 H 014 H 2121 WD Deg Min Sec
Township A77 < 0.3,2 N  Range A78 < 0.5,2 E  Section A79 < 2.4 FT/M
Meridian A81 < Mt. Diablo B & M > Altitude A107 < 6040 FT >
Quad Scale A91 (0,0,6,2,5,0,0) Quad Name A92 (Carlin (7½' or 15' quad)
Physiographic Province A63 <112 Basin and Range (List K)
Location Comments A83 < Deposit located on top of small spur 3 miles from mouth of





BFE 1236 4/19/78

URANIUM-OCCURRENCE	Quad Name	WINNUMUCCA
REPORT	Deposit No.	7
Commodities Present:	<del>,</del>	▶
Commodities Produced:	COPROD 4	
AINOR 4	BYPROD 4	
Potential Commodities:	4	
Commodity Comments C50 <		>
Status of Exploration and Development A20 (1 = occurrence, 2 = raw prospect, 3 = dev		= producer)
Comments on Exploration and Development Ll	.10 < Limited dozer	work and perhaps minor
tunneling. It is difficult to impossible	to tell what was o	lone because of the .>
Property is A21 (Active) (Inact	cive) (Circ	le appropriate labels)
Norkings are M120 (Surface) M130 (Under	rground) M140	(Both)
Description of Workings M220< Dozer cut up	to 100 ft long acr	oss top of spur over an
area approximately 200 ft x 100 ft.		<u> </u>
Cumulative Uranium Production PROD	YES NO SML	MED LGE (circle)
OH2 accuracy thousands of lb.  G7  U		. grade G7D<
Source of Information D9 < On site observat	tion.	>
Production Comments D10 <		
		<u> </u>
Reserves and Potential Resources		
EH accuracy thousands of lb.  ELQU PELAQNONE PELBQ	year of est.	grade E1D<
Source of Information E7 < On site observa	ation.	<u> </u>
Comments E8 <		

URA	NIU	M-C	CC	URF	EN	CE

URANIUM-OCCURRENCE	Quad Name WINNEMUCCA
REPORT	Deposit No. 7
Deposit Form/Shape M10 < Circular area of	f anomalous radioactivity.
Length M40 $<$ 50 $>$ M41 $<$ FT $>$	Size M15 (circle letter):
Width M50 < 50 > M51< FT >	<u>1b U308</u>
Thickness M60 < > M61< >	A 0 - 20,000 B 20,000 - 200,000
Strike M70 <>	C 200,000 - 2 million
Dip M80 <>	D 2 million - 20 million E More than 20 million
Tectonic Setting N15 < Mobile Belt	· · · · · · · · · · · · · · · · · · ·
Major Regional Structures N5 < Located just	below the Roberts Thrust in the north
central Basin and Range.	
	>
Local Structures N70 < Located in the Woodr	uff window.
Host-FM. Name U1 < Woodruff Formation	> Member U2 < >
Host Rock Kl  Die vonijani       Shale	
(Age) (Ro	ock type, texture, composition, color,
staining with local manganese; brecciated	and silicified.
alteration, attitude, geometry, structure,	etc.)
	>
Host-Rock Environment U3 < Deep water marin	ne. > n., metamorphic facies, ign. environ.)
Comments on	
Associated Rocks U4 < Shales interbedded wit	th dolomites and limestones elsewhere in
the window.	
	>
Ore Minerals C30 < Yellow to yellow-green se	econdary uranium mineral, identified
with x-ray as carnotite, occurs as fracture	fillings. >
Gangue Minerals K4 < Iron oxides.	

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	7
Alteration N75 < Slight to moderate l	imonitic iron staini	ng. Possibly some
manganese. Silicification.		
		>
Reductants U5 < Possibly carbonaceous		
black on fresh exposures.		
Analytical Data (General) C43 <		
9		
Radiometric Data (General) U6 < 10 t		3 times BG (50 ft x 50 fd and dimensions)
Background 140 to 180 cps.		
		>
Ore Controls K5 < Appears to be confir	ned to highly fractur	red shale.
		>
Deposit Class C40 < Marine black shal	e	> Class No. U7 <1,3,0 >
Comments on Geology N85 < Tertiary tu	ffaceous sediments,	airfall tuffs and rhyoli
re all within 5 miles of this occurre		
mall silicic dikes of Tertiary age ar	e located approximat	ely 1 mile SE of the
ccurrence.		

TITO A NI	TIM	OCCU	nn	PHOT
URAN	T UM-	OCCU	KK	ENCE

Quad Name	WINNEMUCCA	
Danaada Na	7	

Uranium Analyses:

Sample No.	Sample Description	Uranium Analysis
MEQ-002	Brecciated shale of Devonian Woodruff Formation	608 ppm U308
MEQ-163	Silicified, brecciated black shales	210 ppm U308

Geologic Sketch Map and/or Section, with Sample Locations:

#### References:

F1 < Garside, L. J., 1973, Radioactive mineral occurrences in Nevada: Nevada B	ureau
of Mines and Geology Bulletin 81, 121 p.	>
F2 < Larson, L. T., Beal, L. H., Friby, J. R., Hibbard, M. J., Slemmons, D. B.,	and
Larson, E. R., 1977, Great Basin geologic framework and uranium favorability:	- > *
F3 < Computerized Resources Information Bank (CRIB): U.S. Geological Survey.	_
	_>
F4 <	_
	>

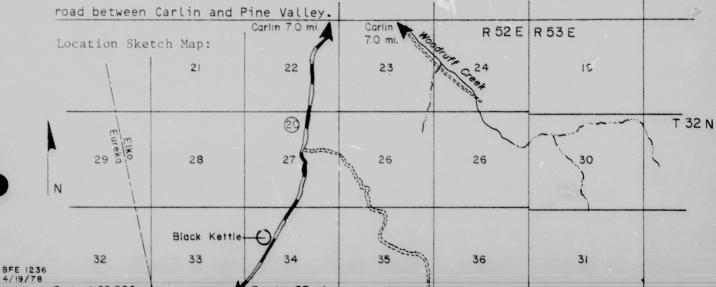
	URANIUM-OCCURRENCE		Quad Name	WINNEMUCCA
	REPORT		Deposit No	7
Continua	tion from p. 1-3:			
Label				
L110 <	heavy soil cover and the	way the doz	er cuts have s	luffed in. >
	U.S. Energy Research and			
	File Report 39 p. ▶			
		-		

URANIUM-OCCURRENCE REPORT Quad Name A90< WINNEMUCCA

Quad Scale A100< 2, 5, 0, 0, 0, 0

Deposit No. B40<8

Deposit Name AlO < Black Kettle
Synonym Name(s) All < Banchrof
District or Area A30 < Cole Creek Canyon
Country A40 (U, S) U, S State Nevada
State Code A50 <3,2   3,2   County A60 < Elko (Enter code twice from List D)
Position from Prominent Locality A82 < Go south from Carlin on Nevada 20 for 2.5
miles and turn left, at 6.5 miles stop and uranium occurrence is on right (west)
side of road.
Wolverson Nancy J.  Field Checked Gl < 8,0 0,8 By G2 Berridge , William C.  Yr Mo Last name First Initial
Latitude A70 4,0 3,7 0,4, ND Longitude A80 1,1,6 0,7 0,5 WD Deg Min Sec
Township A77 < 0,3,2 N > Range A78 < 0,5,2 E > Section A79 < 3,4 > FT/M
Meridian A81 < Mt. Diablo B & M > Altitude A107 < 5400 FT
Quad Scale A91 (0,0,6,2,5,0,0) Quad Name A92 < Cartin (7½' or 15' quad)
Physiographic Province A63 <[1,2] Basin and Range (List K)
Location Comments A83 < Deposit located near bottom of Cole Creek Canyon along old
road between Carlin and Pine Valley.
Location Sketch Map:  Carlin 7.0 mi.  Carlin 7.0 mi.  R 52 E R 53 E



URANIUM-OCCURRENCE	Quad Name WINNEMUCCA
REPORT	Deposit No. 8
Commodities Present:	
Commodities Produced:	COPROD 4
MINOR 4	BYPROD 4
Potential Commodities:	
Commodity Comments C50 <	
	<u> </u>
Status of Exploration and Development A20 (1 = occurrence, 2 = raw prospect, 3 = deve	THE PERSON NAMED OF THE PE
Comments on Exploration and Development Ll	10 < Exploration was for vanadiferous blac
shale as evidenced by dozerwork and drill	cuttings. >
Property is A21 (Active) (A22) (Inacti	ive) (Circle appropriate labels)
Workings are M120 (Surface) M130 (Undergo	ground) M140 (Both)
Description of Workings M220< Area of occu	rrence has been extensively terraced by
dozers. Drilling has been completed on may	of the upper terraces. The explored >
Cumulative Uranium Production PROD	YES NO SML MED LGE (circle)
OH2 accuracy thousands of 1b.  G7 U	years grade > G7C<
Source of Information D9 < On site observa	tion. >
Production Comments D10 <	
	>
Reserves and Potential Resources	
TH accuracy thousands of lb.  The state of t	year of est. grade B> ElC<
Source of Information E7 < On site observa	tion. >
Comments E8 <	

URANIUM-OCCURRENCE	Quad Name WINNEMUCCA	
REPORT	Deposit No8	
Deposit Form/Shape M10 < Stratiform.		>
Length M40 < 3700 > M41 < FT >	Size M15 (circle letter):	
Width M50 < 500 > M51 < FT >	<u>1b U308</u>	
Thickness M60 < > M61< FT >	(A) 0 - 20,000	
Strike M70 < Variable >	B 20,000 - 200,000 C 200,000 - 2 million	
Dip M80 < Variable >	D 2 million - 20 million E More than 20 million	
Tectonic Setting N15 < Mobile Belt		>
Major Regional Structures N5 < Located nea	r Roberts Trust in the north centr	al Bas
and Range Physiographic Province.		
		>
ocal Structures N70 < Appears to be part		
	> Member U2 <	>
ost-FM. Name Ul < Woodruff		> <u>cher</u> t
ost-FM. Name Ul < Woodruff	e, tan to black with minor beds of ock type, texture, composition, co	lor,
Nost-FM. Name Ul < Woodruff  Nost Rock Kl < Devonian (Age) (Relaystone. Some quartzite. Anomalous are	e, tan to black with minor beds of ock type, texture, composition, composition, compassion, compassion	lor,
dost-FM. Name Ul < Woodruff  dost Rock Kl <pre>Moodruff  dost Rock Kl <pre>Moodruff</pre></pre>	e, tan to black with minor beds of ock type, texture, composition, composition, compassion, compassion	lor,
Nost-FM. Name U1 < Woodruff  Nost Rock K1 < Devonian Anomalous are laystone. Some quartzite. Anomalous are lteration, attitude, geometry, structure, as lenses in the tan shale. Tan shale has exidized(?) portion of the black shale.  Ost-Rock Environment U3 < Marine deposition (Sed. dep. environment)	e, tan to black with minor beds of ock type, texture, composition, contast mainly in the black shale which etc.)  some purple coloration and may be	the
Nost-FM. Name U1 < Woodruff  Nost Rock K1 < D e v o n i a n   18 Shale (Age) (R  Laystone. Some quartzite. Anomalous are lteration, attitude, geometry, structure,  s lenses in the tan shale. Tan shale has exidized(?) portion of the black shale.	e, tan to black with minor beds of ock type, texture, composition, com	the
Nost-FM. Name U1 < Woodruff  Nost Rock K1 < Devonian and I   Woodruff  (Age) (R  claystone. Some quartzite. Anomalous are literation, attitude, geometry, structure, as lenses in the tan shale. Tan shale has exidized(?) portion of the black shale.  Ost-Rock Environment U3 < Marine deposition (Sed. dep. environments on speciated Rocks U4 < The Woodruff Formatic	e, tan to black with minor beds of ock type, texture, composition, composition, compassion, compassion, compassion, in the black shale which etc.)  some purple coloration and may be compassed and environment, on., metamorphic facies, ign. environment in faulted contact with the	the  Con.)
Window.  Woodruff  Ost Rock Kl (Devonian Anomalous are laystone. Some quartzite. Anomalous are lteration, attitude, geometry, structure, as lenses in the tan shale. Tan shale has exidized(?) portion of the black shale.  Ost-Rock Environment U3 (Marine deposition (Sed. dep. environments on	e, tan to black with minor beds of ock type, texture, composition, composition, compassion, compassion, compassion, in the black shale which etc.)  some purple coloration and may be compassed and environment, on., metamorphic facies, ign. environment in faulted contact with the	the  Con.)
Nost-FM. Name U1 < Woodruff  Ost Rock K1 < Devion in an in an in it is in the last (Age) (Restruction, attitude, geometry, structure, is lenses in the tan shale. Tan shale has exidized(?) portion of the black shale.  Ost-Rock Environment U3 < Marine deposition (Sed. dep. environments on ssociated Rocks U4 < The Woodruff Formatic eak quartzite and Chainmen Shale and is on the shale and the shale and is on the shale and the shale	e, tan to black with minor beds of ock type, texture, composition, contast mainly in the black shale which etc.)  some purple coloration and may be onal environment.  on., metamorphic facies, ign. environment in faulted contact with the vertain by the Carlin Formation,	the  Con.)
Nost-FM. Name U1 < Woodruff  Nost Rock K1 < D   e   v   o   n   i   a   n	e, tan to black with minor beds of ock type, texture, composition, contast mainly in the black shale which etc.)  some purple coloration and may be onal environment.  on., metamorphic facies, ign. environment in faulted contact with the vertain by the Carlin Formation,	the  Con.)

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	8
Alteration N75 < Purple coloration in tan	shale. Tan shal	les have minor hematite
staining in places. Some limonite staini	ng is present in	the black shales.
		>
Reductants U5 < Possibly carbonaceous mat	erial in black sh	nales. None were observed.
		>
Analytical Data (General) C43 <		
		<u> </u>
Radiometric Data (General) U6 < 2 to 3 time (No.	mes BG (100 to 20 times background	O cps) over black shale d and dimensions)
enses for about 3700 ft down Cole Creek (	Canyon and about	500 ft wide. Shale lenses
re discontinous but form a fairly contino	ous outcrop. The	most radioactive zone >
ore Controls K5 < Lithologic - black shale	e, very fractured	. Clay and chert beds
how minor amounts of radioactivity up to	300 cps.	
		<u> </u>
eposit Class C40 < Marine black shales	>	Class No. U7 <1 3 0
omments on Geology N85 < The deposit is o	verlain by tuffac	ceous sediments and rhyolit
hich may have provided uranium through gr		
long fractures. The tan and black shales		
		>

	RRENCE

Quad Name	WINNEMUCCA		
Donosit No			

Uranium Analyses:

Sample No.	Sample Description	Uranium Analysis
MEQ-006	Devonian Woodruff Fm Tan shale	12 ppm U308
MEQ-007	Devonian Woodruff Fm Black shale	151 ppm U308
ME@-008	Devonian Woodruff Fm Black shale	40 ppm U308

Geologic Sketch Map and/or Section, with Sample Locations:

## References:

F1 < Garside, L. J., 1973, Rad cactive mineral occurrences in Nevada: Nevada B	ureau
of Mines and Geology Bulletin 81, 121 p.	_>
F2 < Larson, L. T., Beal, L. H., Friby, J. R., Hibbard, M. J., Slemmons, D. B.,	and
Larson, E. R., 1977, Great Basin geologic framework and uranium favorability:	_> *
F3 < Computerized Resources Information Bank (CRIB): U.S. Geological Survey.	
	_>
F4 <	

Quad Name	WINNEMUCCA		
Deposit No.	8		

REPORT

Continuation from p. 1-5:
<u>Label</u>
M140 < Garside reports a caved 50 ft adit.>
M220 < area extends for 1-1/2 miles down Cole Creek and is approxiamtely 1/2 miles
wide.>
M70 < Both strick and dip are extremely variable as is common with upper plate
rocks. The beds strick NW to NE and dip from east to west and vertical.>
U6 < (up to 1100 cps) is in the northern most lense and is 45 ft long by 5 ft
thick. >
F2 < U.S. Energy Research and Development Administration, GJBX-36(78), Open-
File Report, 39 p.>
The state of the s

REPORT

Quad Name A90< WINNEMUCCA

Quad Scale A100< 2, 5, 0, 0, 0, 0

Deposit No. B40< 9

Deposit No. B40< 9 >
Deposit Name AlO < KEF #2 Claim >
Synonym Name(s) All <
District or Area A30 < Pinon Range - Pine Valley >
Country A40 QU, SD U, SI State Nevada
State Code A50 (3,2) County A60 < Elko (Enter code twice from List D)
Position from Prominent Locality A82 < Go south on Nevada 20 from Carlin for 23.5 miles
and turn left (east, at 1.5 miles (Indian Spring) park and walk north for
approximately 1 mile.
Field Checked G1 < 78 0,7 By G2 Cupp, Gary M. > Yr Mo Last name First Initial
Latitude A70 44.0 H2.6 H1.8. NP Longitude A80 41.1.6 H0.5 H0.4. WP  Deg Min Sec Deg Min Sec
Township A77 < 0,3,0 N P Range A78 < 0,5,2 E/W Section A79 < 3,5 P E/W FT/M
Meridian A81 < Mt. Diablo B&M > Altitude A107 < 5450 FT >
Quad Scale A91 (0,0,6,2,5,0,0) Quad Name A92 < Pine Valley > (7½' or 15' quad)
Physiographic Province A63 < 112 Basin and Range (List K)
Location Comments A83 < Located 2 miles N72 E Bailey Ranch.
Carlin 22 mi.
Carlin 2.2 mi. (1-80)  KEF  33  34  35  36

Carlin 22 mi. (1-80)

33 34 35 36

KEF
35 36 31 730 N
T 29 N

Bailey Ranch Spring Creek

A/19/78 Cooks 163 500

URAN	TIM	1-00	CITD	DEM	CE
UKAIN	TUL	1-00	CUR	REN	CE

URANIUM-OCCURRENCE	Quad Name WINNEMUCCA
REPORT	Deposit No. 9
Commodities Present:	
Commodities Produced:	COPROD 4
AINOR 4	BYPROD 4 1 1 1 1 1 1 1 1 1 1 1
Potential Cormodities:	4
Commodity Comments C50 <	
Status of Exploration and Development A20 (1 = occurrence, 2 = raw prospect, 3 = dev	
Comments on Exploration and Development Ll	10 < Located on basis of radiometrics -
nothing else done. Never developed.	>
Property is A21 (Active) (Inact	cive) (Circle appropriate labels)
Norkings are M120 (Surface) M130 (Under	rground) M140 (Both)
Description of Workings M220< Caved location	ion pit.
	>
Cumulative Uranium Production PROD  OH2 accuracy thousands of 1b.  G7 U G7A NONE G7B LB	YES NO SML MED LGE (circle)  years grade  > G7C< > G7D<
Source of Information D9 < On site observat	ion.
Production Comments D10 <	
	>
Reserves and Potential Resources	
TH accuracy thousands of lb.  Claul   P ElAa N O N E   P ElBa	year of est. grade <u>ELB</u> > E1C<
Source of Information E7 < On site observa	ation.
Comments E8 < No uranium ore.	

URANIUM-OCCURRENCE	Quad Name WINNEMUCCA
REPORT	Deposit No. 9
Deposit Form/Shape M10 <ft m<="" td=""><td></td></ft>	
FT/M	Size M15 (circle letter):
Width M50 <> M51<>	<u>1b U308</u>
Thickness M60 <> M61<>	A 0 - 20,000
Strike M70 <	B 20,000 - 200,000 C 200,000 - 2 million
Dip M80 <>	D 2 million - 20 million E More than 20 million
Tectonic Setting N15 <	
Major Regional Structures N5 <	
Local Structures N70 <	
Host-FM. Name U1 <	> Member II2 <
Host Rock Kl   Tierritiiarry     White (Age) (	Rock type, texture, composition, color,
alteration, attitude, geometry, structure	
arteration, attitude, geometry, structure	, etc.)
Host-Rock Environment U3 < Lakebed sedime (Sed. dep. envi	
Associated Rocks U4 <	
Ore Minerals C30 < None	>
Gangue Minerals K4 < None.	<i>y</i>

URANTUM-OCCURRE	NCE	Quad	Name	- WINTERIOCCA
REPORT		Depo	sit No.	9
Alteration N75 <				
				· · · · · · · · · · · · · · · · · · ·
Analytical Data (General)	C43 <			
Radiometric Data (General	.) U6 < 2	(No. times	backgro	ound and dimensions)
		(no. ermes		
				•
Ore Controls K5 <	-			•
				*
,/				
\				
Deposit Class C40 <				> Class No. U7
				ue to exposed lake sedimen
in heavy alluvial cover.				
				.4

TIRA	NT	IM-	OCCI	IRR	FN	CE
OIL				unn	LIN	C L

Quad Name	WINNEMUCCA	
Deposit No.	9	

Uranium Analyses:

Sample No.	Sample Description	Uranium Analysis
MEQ-057	Tertiary Lake Sediments	10 ppm U308

Geologic Sketch Map and/or Section, with Sample Locations:

#### References:

F1 < Davis, D. L., and Keys, W. S., 1955, KEF #2: II.S. Atomic Energy Commission,
Preliminary Reconnaissance Report R-19, Cpen-File Report, 1 p.
F2 < Garside, L. J., 1973, Radioactive mineral occurrences in Nevada: Nevada Bureau
of Mines and Geology Bulletin 81, 121 p.
F3 < Larson, L. T., Beal, L. H., Friby, J. R., Hibbard, M. J., Slemmons, D. B., and
Larson, E. R., 1977, Great Basin geologic framework and uranium favorability: >*
F4 <

URAN	TIT	M_	00	CIT	DD	ENT	CE
UKAN	LU		UL	LU	KK	EN	C.P.

Quad Name _	WINNEMUCCA
Deposit No.	9

Continuation from p. 1-5:
<u>Label</u>
F3 < U.S. Energy Research and Development Administration, GJBX-36(78), Open-
File Report, 39 p.>

URANIUM-OCCURRENCE REPORT

Quad Name A90< WINNEMUCCA Quad Scale A100 | , 2, 5, 0, 0, 0, 0 Deposit No. B40< 10

-Asphaltite

Smith

2

Creek

Deposit Name AlO < Asphaltite Synonym Name(s) All < District or Area A30 < Smith Creek in the Pinon Range Country A40 QU, SP [U, S] State Nevada State Code A50 93,2P County A60 < Elko 3, 2 (Enter code twice from List D) Position from Prominent Locality A82 < Go south on Nevada 20 from Carlin for 23.5 miles, turn left and go 4 miles up Woodruff Canyon. Uranium occurrence is on left (north) side of Smith Creek. Field Checked Gl < 7,8 0,7 By G2 Cupp , Gary Yr Mo Last name Latitude A70 4, 0H 2, 5H 4, 0, NP Longitude A80 41 1 6 HD 2 H 5, 7, WP Deg Min Township A77 < 0, 2, 9 N Range A78 < 0, 5, 2 E Section A79 < 1 > FT/M Meridian A81 < Mt. Diablo B & M > Altitude AlO7 < 6050 FT Quad Scale A91 4 0, 0, 6, 2, 5, 0, 0 Quad Name A92 < Pine Valley (7½' or 15' quad) Physiographic Province A63 < 1,2 | Basin and Range (List K) Location Comments A83 < Located at the mouth of the small canyon on the north side of Smith Creek. R 52 E Location Sketch Map: 29 1.5 mi. Trout Cre Carlin 22 mi. (1-80)33 34 35 36 Creek T 30 N Indian Campground T 29 N Indian

Scale 1:62,500

N

Bailey Randh

-----

Spring

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	10
Commodities Present:		▶
Commodities Produced: MAJOR 4B, I, T,	COPROD 4	
MINOR 4	BYPROD 4	
Potential Commodities: POTEN (B,I,T, ) OCCUR	4	>
Commodity Comments C50 <		
Status of Exploration and Development A20 (1 = occurrence, 2 = raw prospect, 3 = dev	reloped prospect, 4	= producer)
Comments on Exploration and Development Ll	.10 <	>
Property is A21 (Active) (A22) (Inact	cive) (Circ	le appropriate labels)
Workings are M120 (Surface) M130 (Under	ground) M140	(Both)
Description of Workings M220< Shallow shafe	t, several short ac	dits and pits, all of
which are now caved in.		>
Cumulative Uranium Production PROD  OH2 accuracy thousands of lb.  G7  U	years	MED LGE (circle)  grade  G7D<
Source of Information D9 < On site observe	ation.	· · · · · · · · · · · · · · · · · · ·
Production Comments D10 <		
Reserves and Potential Resources  EH accuracy thousands of lb.  E1   U        > E1A   N   O   N   E       > E1B		
Source of Information E7 < On site observe	ation.	
Comments E8 <	a a	

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	10
Deposit Form/Shape M10 < Vein, lenses and	stringers.	
Length M40 <> M41<>	Size M15 (circ	cle letter):
Width M50 < 1 > M51< M >	1b U308	
Thickness M60 < > M61< >	A 0 - 20,000 B 20,000 - 20	
Strike M70 < N60°E >  Dip M80 < Vertical >	C 200,000 - 2 D 2 million - E More than 2	- 20 million
Tectonic Setting N15 < Mobile Belt		
Major Regional Structures N5 < Basin and Ra	ange faulting.	9
Local Structures N70 < Abundant fractures.		
Host-FM. Name Ul <	> Member U2 <	
Host Rock K1   Plaileloizioliici   18 Shale (Age) (Ro	es and sandstone ock type, texture	
alteration, attitude, geometry, structure,	etc.)	
Host-Rock Environment U3 < Sedimentary dep (Sed. dep. environments on Associated Rocks U4 < Asphalt impregnated		
Ore Minerals C30 < impsonite?		>
Gangue Minerals K4 <		

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	10
Alteration N75 <		
Reductants U5 < Asphalt		
Analytical Data (General) C43 < Ash	analyses .097% U308	(Garside, 1973).
	•	
Radiometric Data (General) U6 < 2 tim	nes BG. (No. times background	d and dimensions)
Ore Controls K5 < Fractures.		
Deposit Class C40 <		Class No. U7
Comments on Geology N85 < Asphaltite	veins appear to be ve	ry limited in extent
(<50 ft long).		

Quad Name	WINNEMUCCA		
Deposit No.	10		

Uranium	Analyses:	
---------	-----------	--

Sample No.	Sample Description	Uranium Analysis
MEQ-058	Asphaltite	<1 ppm U308

Geologic Sketch Map and/or Section, with Sample Locations:

# References:

F1 <	Garside, L. J., 1973, Radioactive mineral occurrences in Nevada: Nevada Bu	<u>ır</u> eau
of M	ines and Geology Bulletin 81, 121 p.	>
F2 <_	Larson, L. T., Beal, L. H., Friby, J. R., Hibbard, M. J., Slemmons, D. B.,	and
Larso	on, E. R., 1977, Great Basin geologic framework and uranium favorability:	>*
F3 <_	Computerized Resources Information Bank (CRIB): U.S. Geological Survey.	
		>
F4 <_		

	M-0		

URANIUM-OCCURRENCE		Quad Name	WINNEMUCCA	
REPORT		Deposit No.	10	
Continuation from p. 1-5:				
<u>Label</u>				
F2 < U.S. Energy Research a	and Development	Administration	GJBX-36(78),	Open-
File Report, 39 p.>				
			4	
			Ġ.	
			* * 1	
		·		
		, in		
	T. y.	( ).		•
		*		
			*	
	. Fr			
	1		1.7	
		6	1.	64
, also		1	,	
The December of the second	-		).	
			*	-
2				

## URANIUM-OCCURRENCE

REPORT

Scale 1:62,500

Quad Name A90< WINNEMUCCA Quad Scale A100< , 2, 5, 0, 0, 0, 0>
Deposit No. B40< 12

Deposit Name AlO < C. L. Point	
Synonym Name(s) All <	
District or Area A30 < Say Canyon	>
Country A40 QU, SP [U, 3]	State Nevada
State Code A50 43,2 > 3,2 (Enter code twice from List D)	County A60 < Pershing >
Position from Prominent Locality A82 <	Go west from Kyle Hot Springs for 1.2 miles
and turn left; at 1 mile take left fork	; at 5 miles turn right and keep to the left
for 3 miles.	>
Field Checked Gl < 8 Cl By G2< Yr Mo By G2<	Wolverson Nancy J. Berridge , William C. > Last name First Initial
Latitude A70 44 0 11 8 13 2 NP Long	gitude A80 <u>41,1,7 H4,8 H0,2, W</u> Deg Min Sec
Township A77 < 0 2 8 W P Range A78 < 0 N/S	13.7   E   Section A79 <1.0   FT/M
Meridian A81 < Mt. Diablo 3 & M	> Altitude Al07 < 6100 FT >
Quad Scale A91 4 0 0 6 2 5 0 0 (7½' or 15' quad)	Quad Name A92 < Kyle Hot Springs. >
Physiographic Province A63 <12   Basil (List K)	n and Range
Location Comments A83 < 320 m northeas	t of road in Say Canyon.
Location Sketch Map: 8 miles to Kyle hot	Springs
	R 37 E
6 Say Cony	French Boy 3 2
N 7 Rawhida Conyon	T 28 N

WINNEM ICCA

	State of the last	Charles and Control	
TITO A NT	TIM O	CCTID	RENCE
UKAN		CILIER	KP.NC.P.

RZPORT	Deposit No. 12
Commodities Present:	المستسالة
Commodities Produced:	COPROD 4
MINOR 4	BYPROD 4
Potential Commodities: POTEN  OCCUR	4c.u.
Commodity Comments C50 < Poor Cu showing in	minor quartz vein, 500 m west of prospec
Status of Exploration and Development A20 (1 = occurrence, 2 = raw prospect, 3 = dev	
Comments on Exploration and Development L1	10 < Very limited hand dug pits scattered
throughout area and a small caved adit.	<u> </u>
Property is A21 (Active) 422 (Inact	ive) (Circle appropriate labels)
Workings are M120 (Surface) M130 (Under	ground) M140 (Both)
Description of Workings M220< Small pits.	
Cumulative Uranium Production PROD  DH2 accuracy thousands of 1b.	YES NO SML MED LGE (circle) years grade
G74 U   G7A4NONE   G7B4LB	> G7C<
Source of Information D9 < On site observa	tion. >
Production Comments D10 <	>
Reserves and Potential Resources	
EH accuracy thousands of 1b. EL U	year of est. grade <u>LB</u> > E1C< <u>,</u> , > E1D< <u>% U308</u> >
Source of Information E7 < On site observat	ion. >
Comments E8 <	

Quad Name \_

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	12
Deposit Form/Shape M1C < FT/M		
Length M40 < > M41< >	Size M15 (circle	letter):
Width M50 <> M51<>	<u>1b U308</u>	
Thickness M60 < > M61< > Strike M70 < >	A 0 - 20,000 B 20,000 - 200,0 C 200,000 - 2 mi	llion
Dip M80 <>	D 2 million - 20 E More than 20 m	
Tectonic Setting N15 < Mobile Belt		<u> </u>
Major Regional Structures N5 < North cent	ral portion of the Ba	sin and Range
Physiographic Province.		
Local Structures N70 < Dikes of Tertiary	granodiorite in PRh.	8
Host-FM. Name U1 <  Host Rock K1 < TIEIRITIIAIRIY		14
alteration, attitude, geometry, structure	, etc.)	
Host-Rock Environment U3 < Plutonic. (Sed. dep. environments on Associated Rocks U4 <	ron., metamorphic fac	
Ore Minerals C30 <		<u> </u>
Gangue Minerals K4 <	The state of the s	

WINNEMUCCA

Quad Name

## URANIUM-OCCURRENCE

	REPORT	1	Deposit No.	12	
Alteration N	175 <				
		0,			
					<u> </u>
Reductants U	J5 <				
		- 1.11			
					>
Analytical D	oata (General) C43	< Only one rock	sample was	taken and it ha	d 2 ppm
U308 which i	s less than the wo	orld wide average	e (Taylor, 19	964) for granit	ic rocks.
		£.			>
Radiometric	Data (General) U6				
		(No. tim	nes backgroun	d and dimension	s)
0 0 1					
ore Controls	K5 <				
1 · · · · · · · · · · · · · · · · · · ·					
				· ·	
		-	G		
Doponit Class	2 040		1	01 11 117	
	S C40 <				
	Geology N85 < No ar				
	that the prospect		on the basi	s of lertiary o	ranodiorite
dikes in Fat	eozoic metasedimen	tary rocks.			*
			3. 6		· · · ·
				·	>

		_			
IIID A	NITTO	n-n	ccr	DО	ENCI
	T. T. O.	1-0		$\mathbf{n}$	P.INC.

Quad Name	WINNEMUCCA		
Deposit No.	12		

REPORT

Uranium Anal as:

Sample No. Sample Description		Uranium Analysis	
MEQ-028	Tertiary granodiorite.	2 ppm U308	

Geologic Sketch Map and/or Section, with Sample Locations:

## References:

F1	Garside, L. J., 1973, Radioactive mineral occurrences in Nevada: Nevada Bureau
	Mines and Geo pay, Bulletin 81, 121 p. >
F2	< Larson, L. T., Beal, L. H., Friby, J. R., Hibbard, M. J., Stemmons, D. B.,
	Larson, E. R., 1977, Great Basin geologic framework and uranium favorability:> *
F3	< Computerized Resources Information Bank (CRIB): U.S. Geological Survey.
	>
F4	
	- 70%

TTTO A	STTT	73.5	OCCI	TTOT	TTREE	77
IIKA	1 1 1/1	11/4-		IKK	I IN IN I	O N

M-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	12
m p. 1-5:		
rgy Research and Development		

Continuation from p. 1-5:
Label
F2 < U.S. Energy Research and Development Administration, GJBX-36(78), Open-
File Report, 39 p.>

URANIUM-OCCURRENCE

REPORT

BFE 1236 4/19/78 Quad Name A90< WINNEMUCCA Quad Scale A100< 2, 5, 0, 0, 0, 0 Deposit No. B40< 13

Deposit Name AlO < Mount Tobin >				
Synonym Name(s) All <>				
District or Area A30 < Tobin Range >				
Country A40    State Nevada				
State Code A50 <3,2   County A60 < Pershing > (Enter code twice from List D)				
Position from Prominent Locality A82 < Go south from Battle Mtn. on Nevada 8A for				
11.6 miles, take a right and in 2.4 miles take the left fork; at 8 miles take right				
fork and at 8.7 miles turn right; at approximately 8.5 miles turn right up Golconda				
Field Checked G1 < 8.0 10.7 By G2 < Berridge , William C. > Yr Mo Last name First Initial				
Latitude A70 44.1 H0.1 H3.9 NP Longitude A80 41.1.7 H3.9 H2.9 NP Deg Min Sec				
Township A77 < 0.2.8   N   Range A78 < 0.3.9   E/W   Section A79 < 0.1   FT/M				
Meridian A81 < Mt. Diablo B & M > Altitude A107 < 6400 FT >				
Quad Scale A91 <0,0,6,2,5,0,0 > Quad Name A92 < Mt. Tobin > (7½' or 15' quad)				
Physiographic Province A63 <1,2   Basin and Range   Dist K)				
Location Comments A83 < Located at the entrance to the mine adit. There are several				
new roads in the area.				
Location Sketch Map: T29N				
Mt. Tobin Mine & Badger Mine  A Tobin Mine & Badger Mine  5				
Ne de Peak				
16 15 14 13 18 17 Scale 162 500				

			age 2
URANIUM-OCCURRENCE	Quad Name	WINNEMUCC	Α
REPORT	Deposit No	13	
Commodities Present:		<b>&gt;</b>	
Commodities Produced:	COPROD 4		<b>&gt;</b>
MINOR 4	BYPROD 4	11111	4
Potential Commodities: POTEN  OCCUR	4	>	
Commodity Comments C50 <			
			<u> </u>
Status of Exploration and Development A20 (1 = occurrence, 2 = raw prospect, 3 = deve		= producer)	
Comments on Exploration and Development L1	10 < The developmen	nt is for mer	cury not
uranium.			>
Property is A21 (Active) (A22) (Inact	ive) (Circ	le appropriat	e labels)
Workings are M120 (Surface) M130 (Under	ground) M140	(Both)	
Description of Workings M220< Several small	adits in the area	and the Mt.	Tobin Mine
0.2 miles north.			>
Cumulative Uranium Production PROD	YES NO SML N	MED LGE	(circle)
DH2 accuracy thousands of 1b.	years >	grade G7D<	% U308>
Source of Information D9 < One site observ	vation.		>
Production Comments D10 <			
			>
Reserves and Potential Resources			
EH accuracy thousands of ]b. ElqU	year of est. LB> ElC<	grade ElD<	
Source of Information E7 < One site observ	ation.		>

Comments E8 <

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No	13
Deposit Form/Shape M10 < Stratiform		. >
Length M40 $<$ 3 $>$ M41 $<$ FT $>$	Size M15 (circ	le letter):
Width M50 <> M51<>	<u>1b U308</u>	
Thickness M60 < 3 > M61< FT >  Strike M70 < >  Dip M80 < >  Tectonic Setting N15 < Mobile Belt  Major Regional Structures N5 < North centra	A 0 - 20,000 B 20,000 - 20 C 200,000 - 2 D 2 million - E More than 2	million 20 million 0 million >
Physiographic Province.		
Local Structures N70 < Local fracturing  Host-FM. Name Ul < Havallah	> Member U2 <	>
Siltstone. Thick bedded, highly fractured alteration, attitude, geometry, structure,	, with secondary	, , , , , , , , , , , , , , , , , , , ,
Three feet maximum thickness.		
Host-Rock Environment U3 < Marine sedimenta (Sed. dep. environments Comments Associated Wocks U4 < Associated rocks are intermediate volcania rocks.	n., metamorphic f	> facies, ign. environ.)  claystone, and acidic
Ore Minerals (30 & Mass Masseved		>
Gangue Minerals None observed.		>

## URANIUM-OCCURRENCE

URANIUM-OCCURRENCE	Quad Name	WINNEMUCCA
REPORT	Deposit No.	13
Alteration N75 < Magnesium and iron sul	fates.	
Reductants U5 < Organic carbon 0.79%.		
Analytical Data (General) C43 <		
Radiometric Data (General) U6 < <u>5 to 6 t</u> (N 3 FT by 3 FT.	o. times background	area approximately and dimensions)
	1	
Ore Controls K5 < <u>Carbonaceous black sha</u>		
Deposit Class C40 < Marine black shales		
Comments on Geology N85 <		

TTTD A	ATT	173.6	ann	TITT	ENCE
IIRA		1 M	. 1 11 1	HKK	HINIE

Quad Name	WINNEMUCCA	
	- 1	
Deposit No.	13	

REPORT

Uranium An	laivses:	٠
------------	----------	---

Sample No.	Sample Description	Uranium Analysis
MEQ-164	Black to gray, very fine-grained, carbonaceous shales.	70 ppm
,		

Geologic Sketch Map and/or Section, with Sample Locations: