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1965

## Report on survey of land and water resources: Afghanistan, v.1-v.4, Maps

Food and Agriculture Organization of the United Nations, United Nations Special Fund

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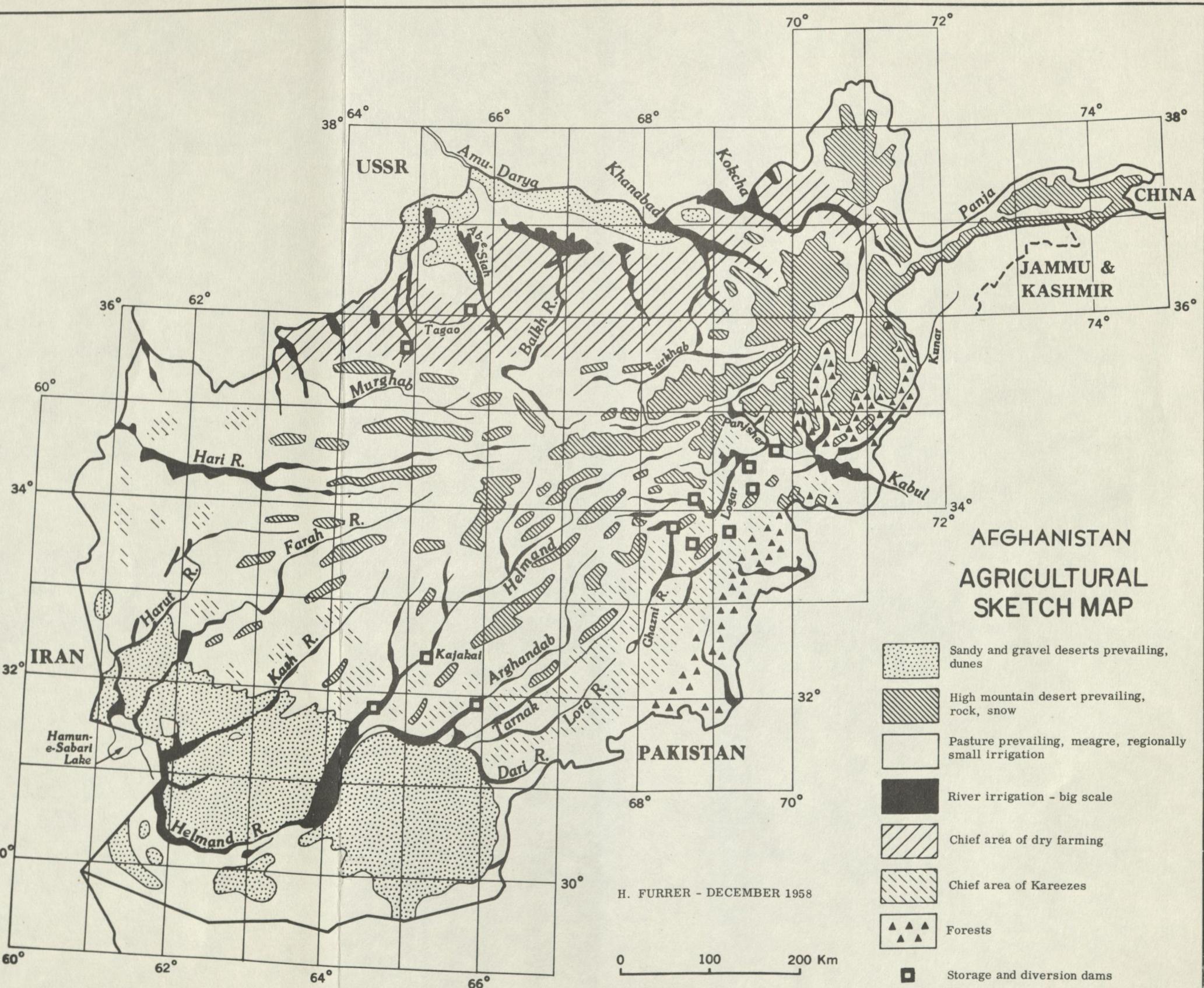
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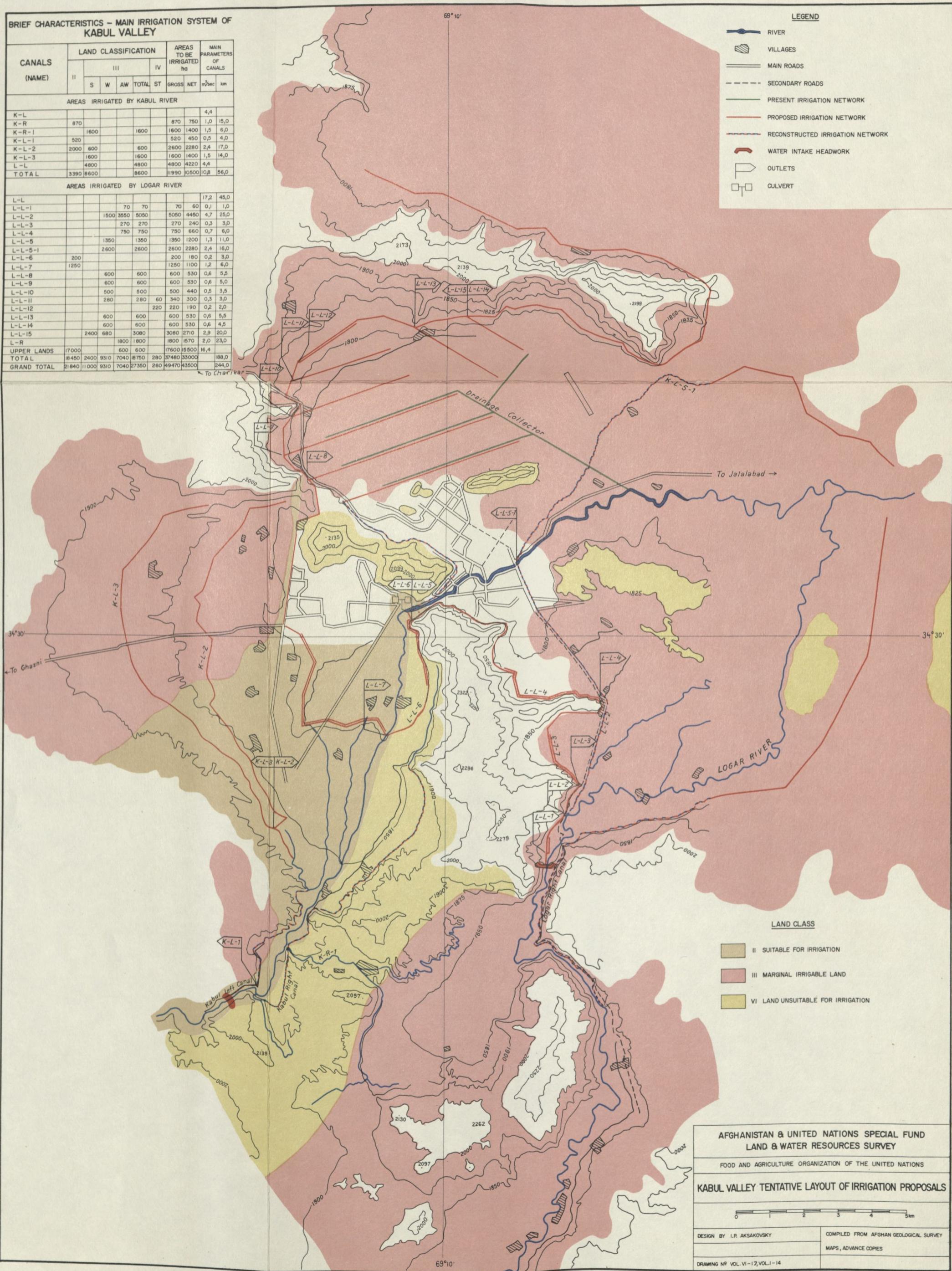


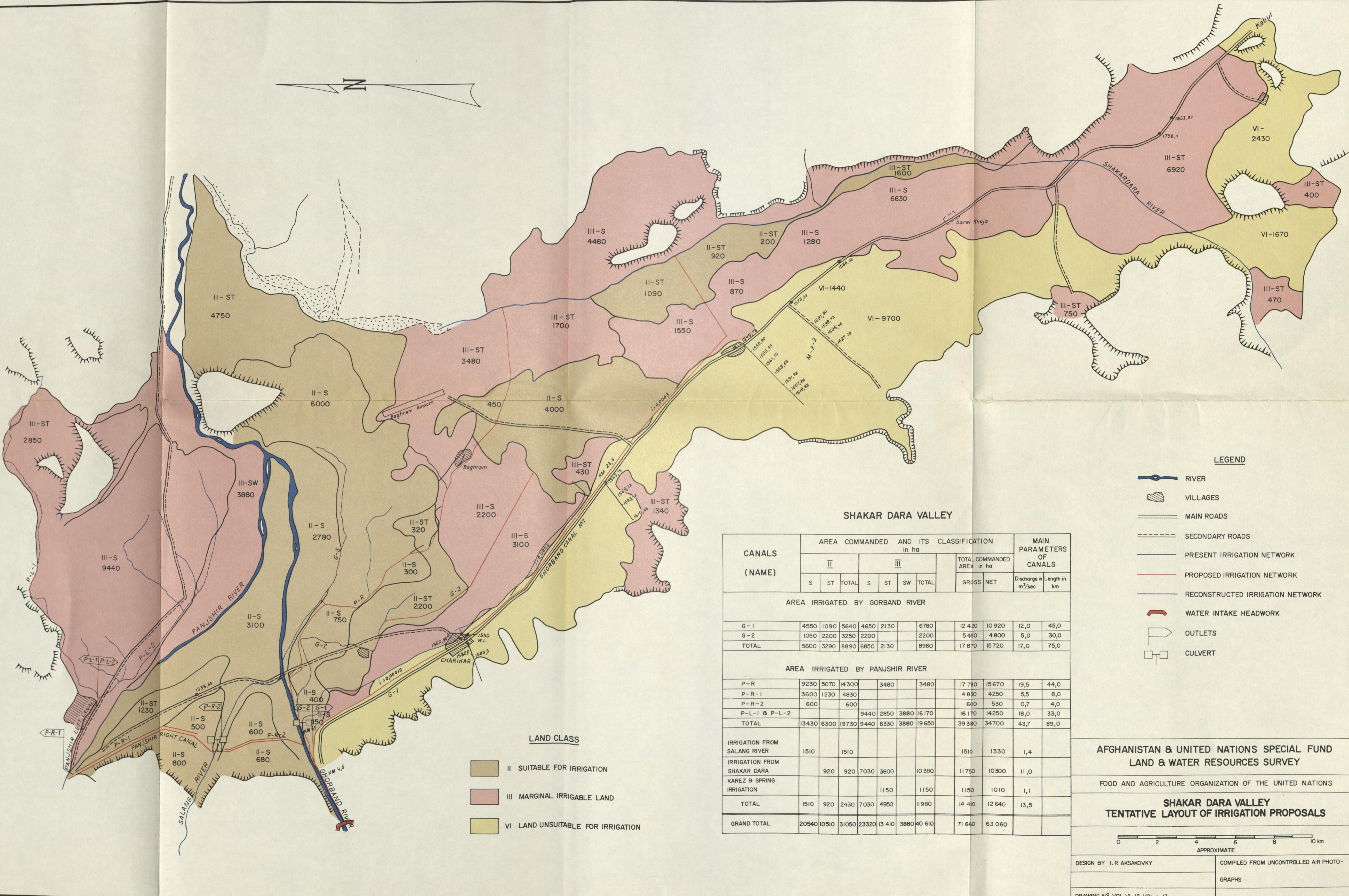


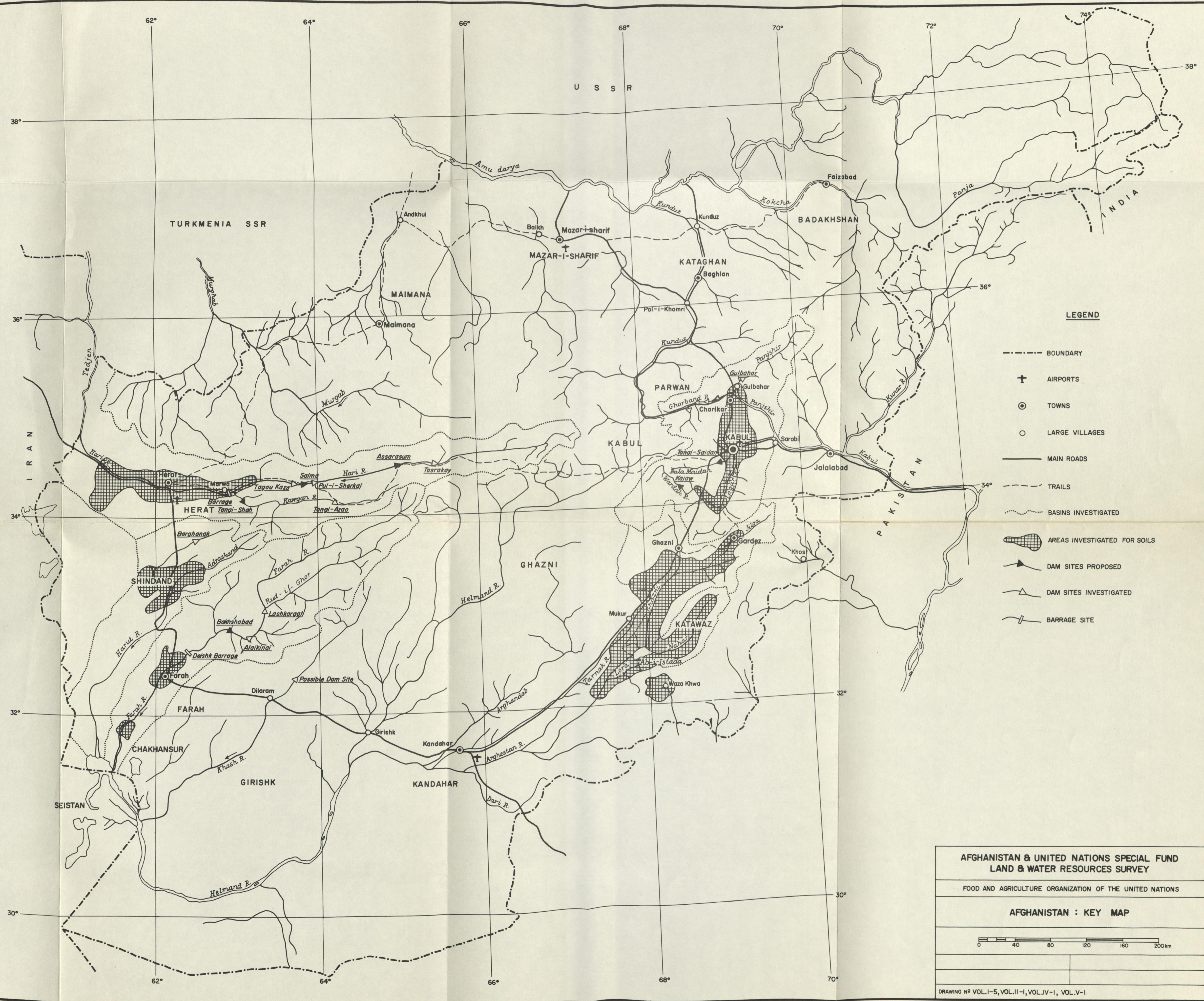
BRIEF CHARACTERISTICS - MAIN IRRIGATION SYSTEM OF KABUL VALLEY

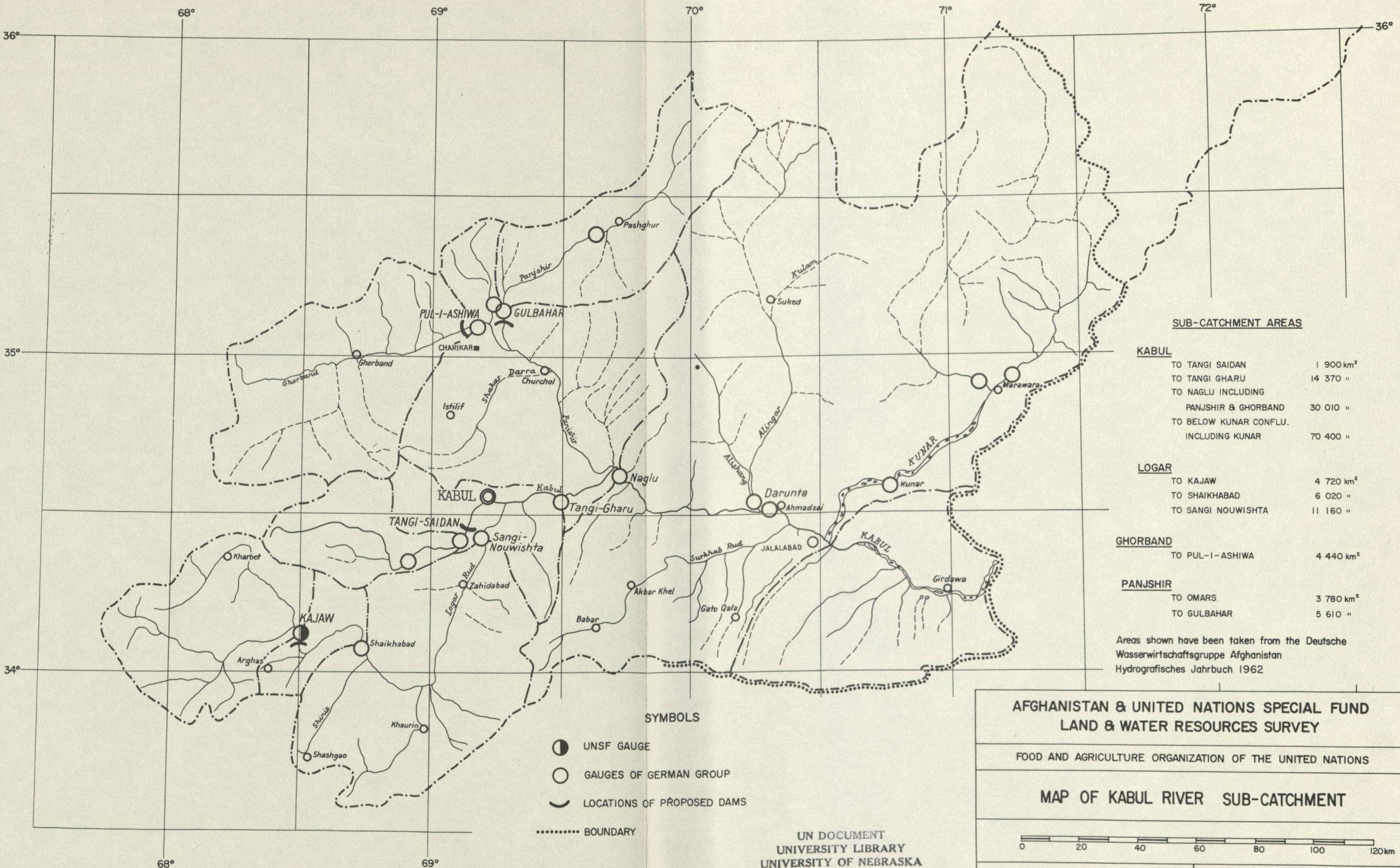
CANALS (NAME)	LAND CLASSIFICATION			AREAS TO BE IRRIGATED		MAIN PARAMETERS OF CANALS		
	II	III	IV	ST	GROSS ha	NET ha	m³/sec	km
S	W	AW	TOTAL					
<b>AREAS IRRIGATED BY KABUL RIVER</b>								
K-L							4,4	
K-R	870				870	750	1,0	15,0
K-R-I	1600			1600	1600	1400	1,5	6,0
K-L-1	520				520	450	0,5	4,0
K-L-2	2000	600		600	2600	2280	2,4	17,0
K-L-3	1600			1600	1600	1400	1,5	14,0
L-L	4800			4800	4800	4220	4,4	
<b>TOTAL</b>	<b>3390</b>	<b>8600</b>		<b>8600</b>	<b>11990</b>	<b>10500</b>	<b>10,8</b>	<b>56,0</b>
<b>AREAS IRRIGATED BY LOGAR RIVER</b>								
L-L							17,2	45,0
L-L-1		70	70	70	60	0,1	1,0	
L-L-2	1500	3550	5050	5050	4450	4,7	25,0	
L-L-3	270	270		270	240	0,3	3,0	
L-L-4	750	750		750	660	0,7	6,0	
L-L-5	1350	1350		1350	1200	2,4	16,0	
L-L-5-I	2600	2600		2600	2280	2,4	22,0	
L-L-6	200			200	180	0,2	3,0	
L-L-7	1250			1250	1100	1,2	6,0	
L-L-8	600	600	600	600	530	0,6	5,5	
L-L-9	600	600	600	600	530	0,6	5,0	
L-L-10	500	500	500	500	440	0,5	3,5	
L-L-11	280	280	340	340	300	0,3	3,0	
L-L-12	220	220	190	190	180	0,2	2,0	
L-L-13	600	600	600	600	530	0,6	5,5	
L-L-14	600	600	600	600	530	0,6	4,5	
L-L-15	2400	680	3080	3080	2710	2,9	20,0	
L-R		1800	1800	1800	1570	2,0	23,0	
UPPER LANDS	17000	600	600	17600	15500	16,4		
<b>TOTAL</b>	<b>18450</b>	<b>2400</b>	<b>9310</b>	<b>7040</b>	<b>18750</b>	<b>280</b>	<b>37480</b>	<b>33000</b>
<b>GRAND TOTAL</b>	<b>21840</b>	<b>11000</b>	<b>9310</b>	<b>7040</b>	<b>27350</b>	<b>280</b>	<b>49470</b>	<b>43500</b>
								<b>244,0</b>

- RIVER
- VILLAGES
- MAIN ROADS
- SECONDARY ROADS
- PRESENT IRRIGATION NETWORK
- PROPOSED IRRIGATION NETWORK
- RECONSTRUCTED IRRIGATION NETWORK
- WATER INTAKE HEADWORK
- OUTLETS
- CULVERT

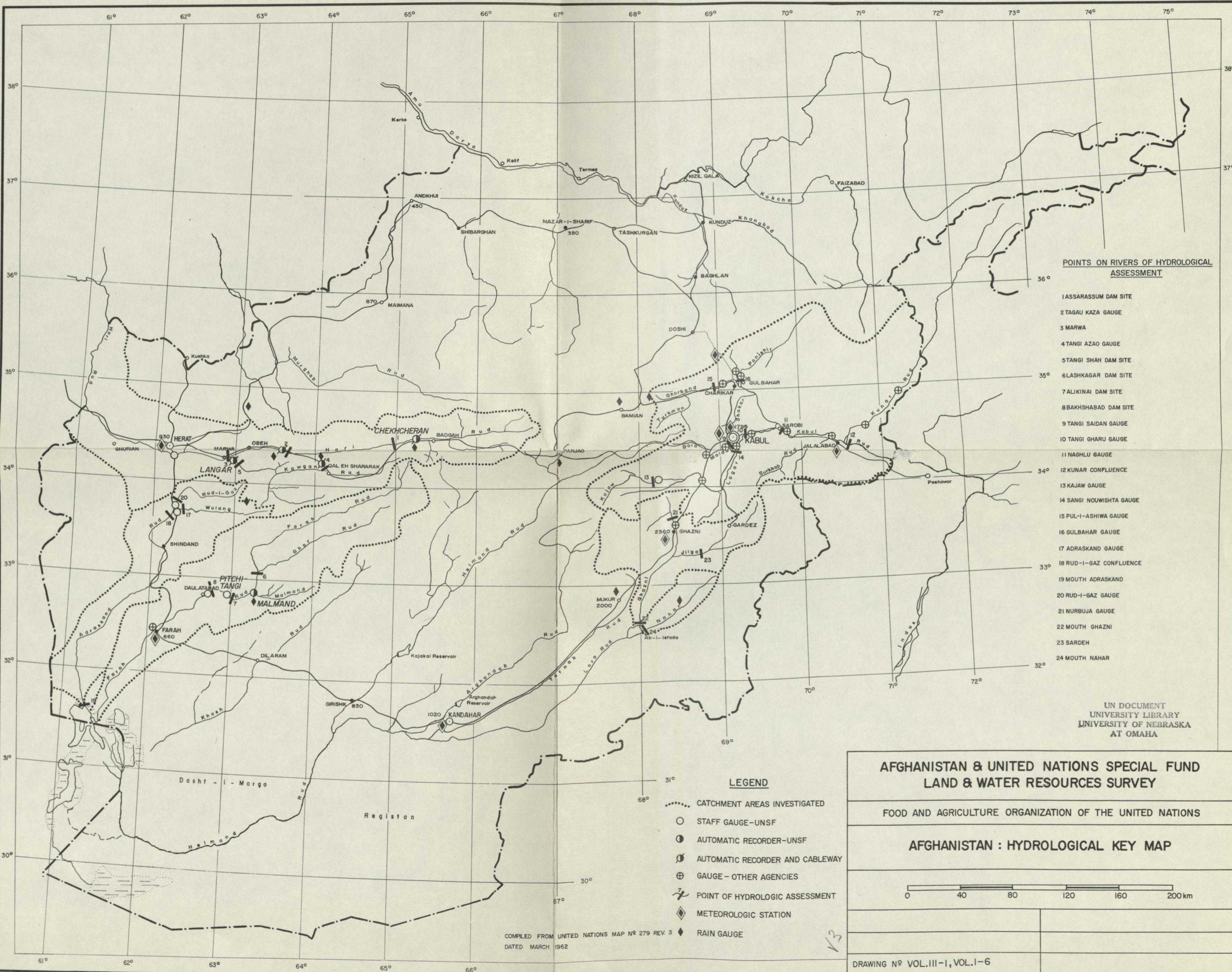






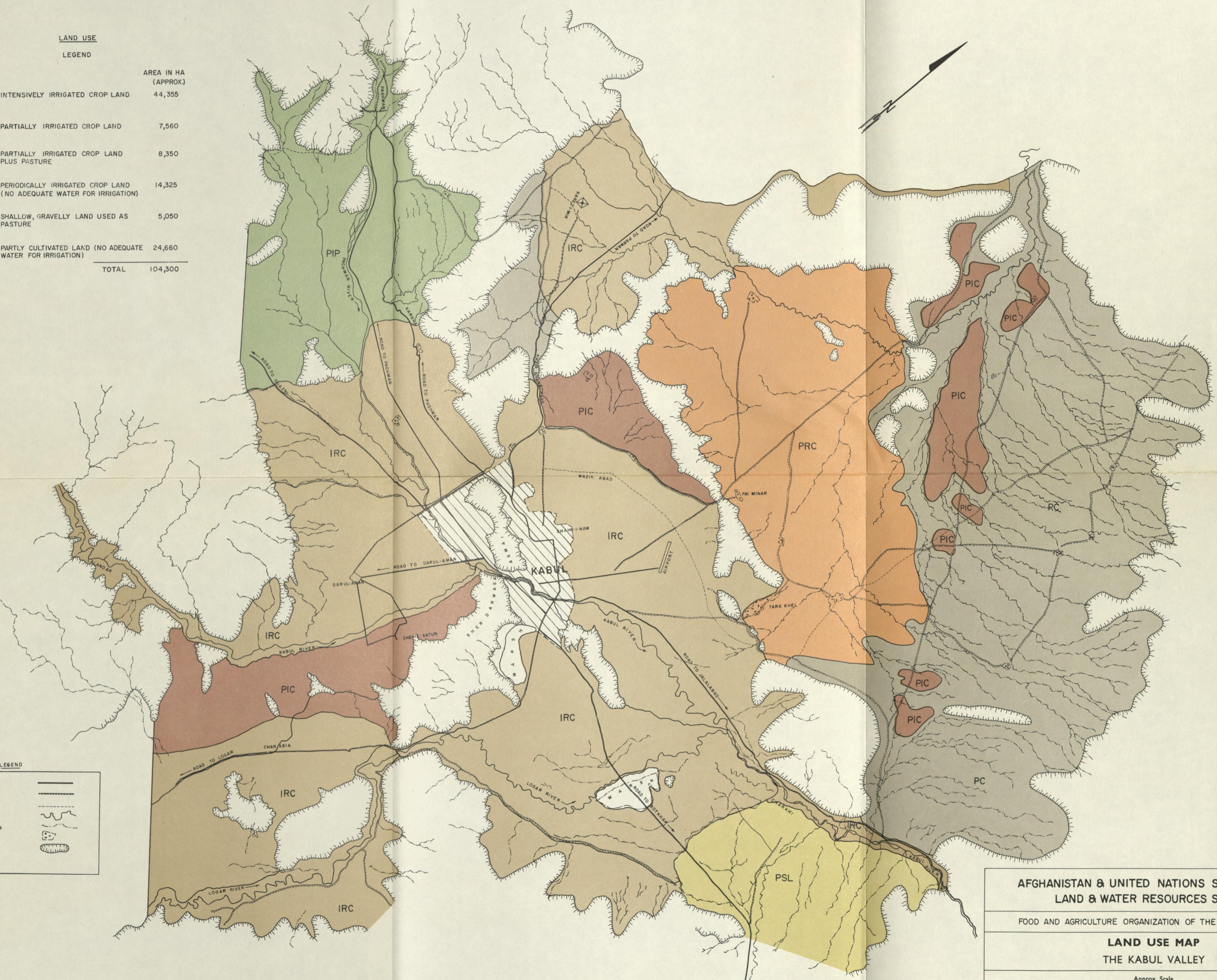


FAO/SF:9/AFG/V.3



LAND USE  
LEGEND

	AREA IN HA (APPROX)	
IRC	INTENSIVELY IRRIGATED CROP LAND	44,355
PIC	PARTIALLY IRRIGATED CROP LAND	7,560
PIP	PARTIALLY IRRIGATED CROP LAND PLUS PASTURE	8,350
PRC	PERIODICALLY IRRIGATED CROP LAND (NO ADEQUATE WATER FOR IRRIGATION)	14,325
PSL	SHALLOW, GRAVELLY LAND USED AS PASTURE	5,050
PC	PARTLY CULTIVATED LAND (NO ADEQUATE WATER FOR IRRIGATION)	24,660
	TOTAL	104,300



AFGHANISTAN & UNITED NATIONS SPECIAL FUND  
LAND & WATER RESOURCES SURVEY

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

LAND USE MAP  
THE KABUL VALLEY

Approx. Scale  
0 2 4 6 8 10km

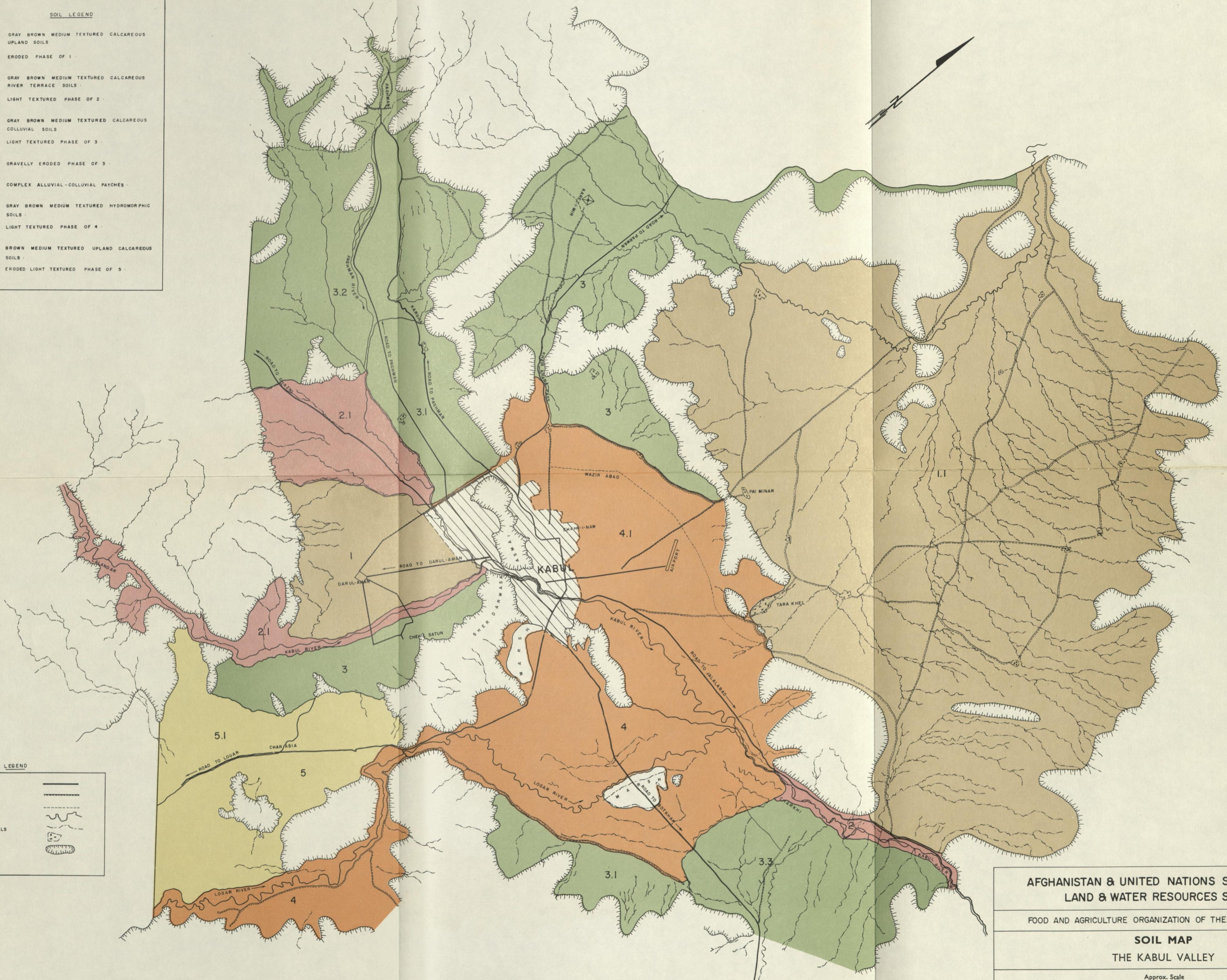
Surveyed March - April 1963

Compiled from controlled  
air photographs

Drawing No. Vol. IV-9

## SOIL LEGEND

- 1 GRAY BROWN MEDIUM TEXTURED CALCAREOUS UPLAND SOILS
- 1.1 ERODED PHASE OF 1
- 2 GRAY BROWN MEDIUM TEXTURED CALCAREOUS RIVER TERRACE SOILS
- 2.1 LIGHT TEXTURED PHASE OF 2
- 3 GRAY BROWN MEDIUM TEXTURED CALCAREOUS COLUVIAL SOILS
- 3.1 LIGHT TEXTURED PHASE OF 3
- 3.2 GRAVELLY ERODED PHASE OF 3
- 3.3 COMPLEX ALLUVIAL-COLUVIAL PATCHES
- 4 GRAY BROWN MEDIUM TEXTURED HYDROMORPHIC SOILS
- 4.1 LIGHT TEXTURED PHASE OF 4
- 5 BROWN MEDIUM TEXTURED UPLAND CALCAREOUS SOILS
- 5.1 ERODED LIGHT TEXTURED PHASE OF 5

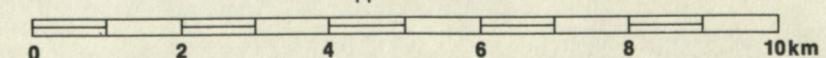


AFGHANISTAN & UNITED NATIONS SPECIAL FUND  
LAND & WATER RESOURCES SURVEY

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

SOIL MAP  
THE KABUL VALLEY

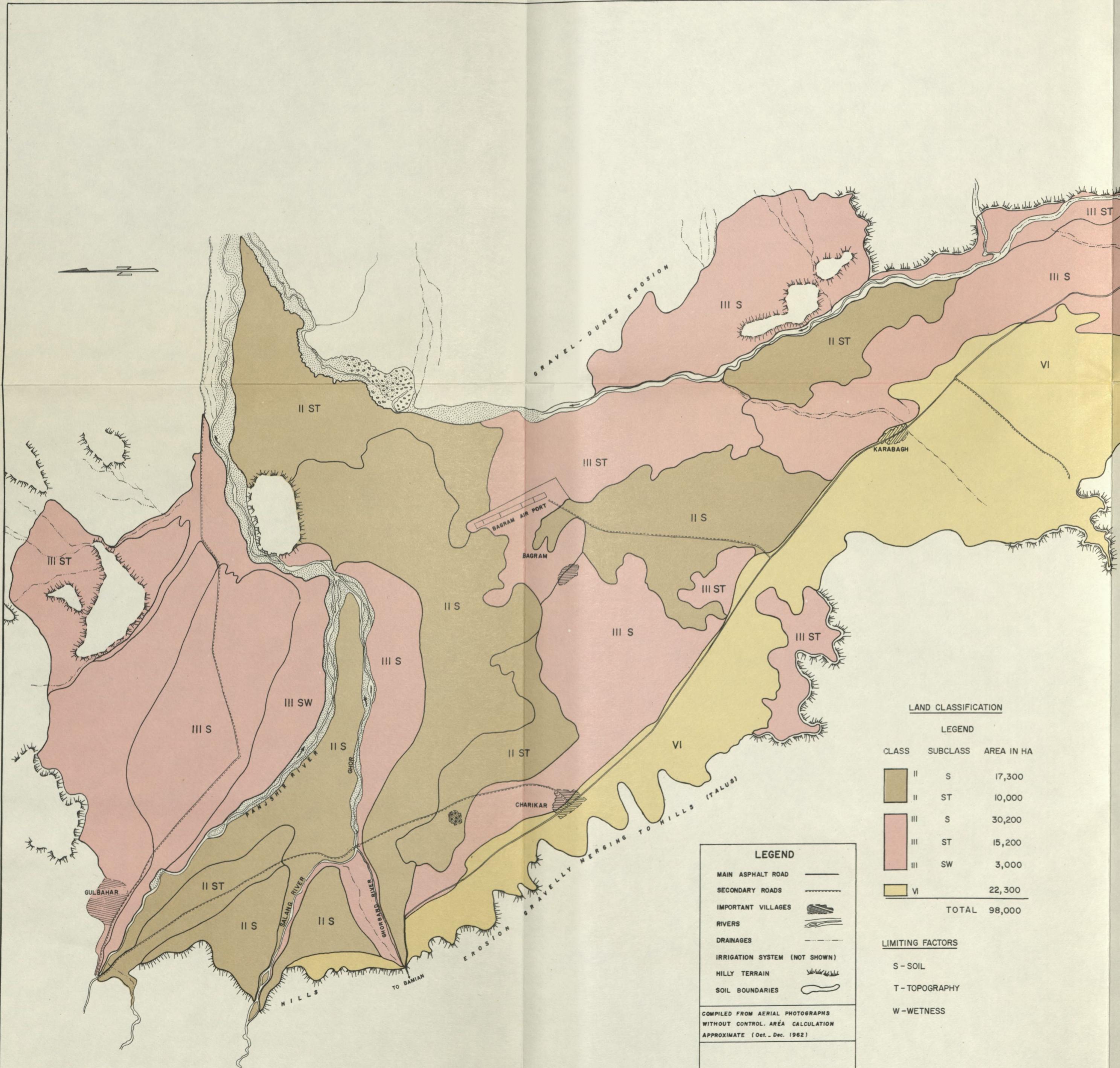
Approx. Scale



Surveyed March-April 1963

Compiled from controlled air photographs

Drawing No. Vol. IV-7



LAND CLASSIFICATION		
LEGEND		
CLASS	SUBCLASS	AREA IN HA
II	S	17,300
II	ST	10,000
III	S	30,200
III	ST	15,200
III	SW	3,000
		TOTAL 98,000

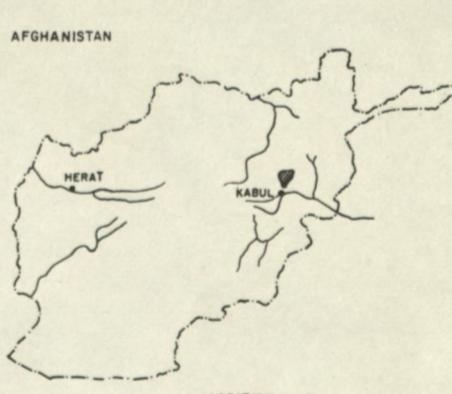
#### LIMITING FACTORS

S - SOIL

T - TOPOGRAPHY

W - WETNESS

SOIL CLASS	APPR. AREA IN HA
I- I-I-3	24,000
2-3	27,000
4-4.1	17,000
TOTAL	68,000



LOCATION MAP

### AFGHANISTAN & UNITED NATIONS SPECIAL FUND LAND & WATER RESOURCES SURVEY

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

#### LAND CLASSIFICATION MAP

GHORBAND, PANJSHIR AND SHAKAR-DARA VALLEY

Approx. Scale

0 2 4 6 8 10km

Surveyed Oct.-Dec. 1962

Drawing No. Vol. IV-2

