

Table A-5 Chemical Analysis and Normative Composition of Igneous Rocks

No.		1	2	3	4	5	6	7	8	9	10	11
Sample No.		WR-1	SR-8	SR-18	SR-45	SR-46	NR-11	NR-30	WR-8	WR-16	SR-37	NR-22
Location		Ikissane	Tamsoult	Tawirt	Tizirt	Tizirt	Arg	Gundafa	Ankasdam	Tijghicht	Takaucht	Assakka
Rock Name		Granite	Quartz diorite	Grano diorite	Granite porphyry	Hornblende porphyrite	Andesitic porphyrite	Quartz porphyrite	Lapilli tuff	Andesite	Pyroxene andesite	Andesite
Chemical composition	SiO ₂	70.65	64.31	62.85	67.72	67.49	57.33	64.12	75.05	47.93	59.39	56.38
	TiO ₂	0.34	0.88	0.76	0.54	0.54	1.36	0.65	0.14	1.42	0.78	0.87
	Al ₂ O ₃	14.44	14.66	16.24	14.87	15.06	15.44	15.42	11.78	16.64	15.31	15.73
	Fe ₂ O ₃	0.64	1.45	1.50	0.29	1.00	4.54	1.07	0.40	2.24	6.51	0.90
	FeO	2.08	2.78	3.34	1.26	2.46	2.71	2.71	1.33	6.69	0.57	5.55
	MnO	0.04	0.06	0.08	0.03	0.05	0.12	0.06	0.05	0.15	0.11	0.13
	MgO	1.00	2.88	2.35	1.32	1.76	2.82	2.06	0.73	7.08	4.89	3.62
	CaO	1.45	2.25	4.59	4.66	3.91	3.25	3.16	0.15	6.69	0.99	4.32
	Na ₂ O	4.52	6.53	4.77	5.02	4.69	6.87	5.02	1.84	4.19	4.94	4.69
	K ₂ O	2.94	1.19	2.31	2.87	2.52	2.87	2.73	6.86	1.54	3.50	1.61
	P ₂ O ₅	0.11	0.26	0.20	0.15	0.16	1.03	0.19	0.23	0.19	0.17	0.22
	BaO	0.09	0.04	0.08	0.11	0.10	0.10	0.08	0.13	0.02	0.12	0.03
	H ₂ O ⁺	0.42	0.47	0.42	0.37	0.33	0.48	0.71	0.52	0.60	0.57	0.70
	H ₂ O ⁻	0.10	0.13	0.08	0.05	0.03	0.21	0.12	0.03	0.26	0.23	0.19
Ig. loss	1.13	3.36	1.32	0.77	0.65	1.88	2.74	0.65	4.56	3.37	5.96	
Total		99.43	100.65	100.39	99.61	100.39	100.32	100.01	99.34	99.34	100.65	100.01
CIPW Norm	Q	27.56	12.74	12.95	18.18	19.96	0.00	14.40	36.46	0.00	8.37	5.79
	C	1.45	0.00	0.00	0.00	0.00	0.00	0.00	1.34	0.00	2.03	0.00
	or	17.37	7.03	13.65	16.95	14.89	16.95	16.13	40.51	9.10	20.68	9.51
	ab	38.23	55.23	40.34	42.46	39.67	58.10	42.46	15.57	30.58	41.78	39.67
	an	6.48	7.19	16.09	9.57	12.61	2.83	11.49	0.00	22.05	3.73	17.12
	wo	0.00	0.96	2.25	4.89	2.40	2.77	1.23	0.00	4.13	0.00	1.20
	di	0.00	0.65	1.30	3.29	1.38	2.39	0.73	0.00	2.62	0.00	0.61
	fs	0.00	0.23	0.84	1.24	0.91	0.00	0.44	0.00	1.25	0.00	0.56
	en	2.49	6.52	4.55	0.00	3.00	3.15	4.40	1.82	0.00	12.17	8.40
	hy	2.80	2.33	2.94	0.00	1.98	0.00	2.69	1.97	0.00	0.00	7.69
	fo	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	10.51	0.00	0.00
	ol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.00	0.00
	fa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	mt	0.93	2.10	2.17	0.42	1.45	5.18	1.55	0.58	3.25	0.00	1.30
ht	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00	0.00	6.51	0.00	
il	0.65	1.67	1.44	1.03	1.03	2.58	1.23	0.27	2.70	1.44	1.65	
ap	0.26	0.62	0.47	0.36	0.38	2.44	0.45	1.62	0.45	0.40	0.52	
Total		98.22	97.27	99.00	98.74	99.65	98.41	97.20	100.14	94.77	97.12	94.04
D.I.		83.2	75.0	66.9	77.6	74.5	75.1	73.0	92.5	42.3	70.8	55.0

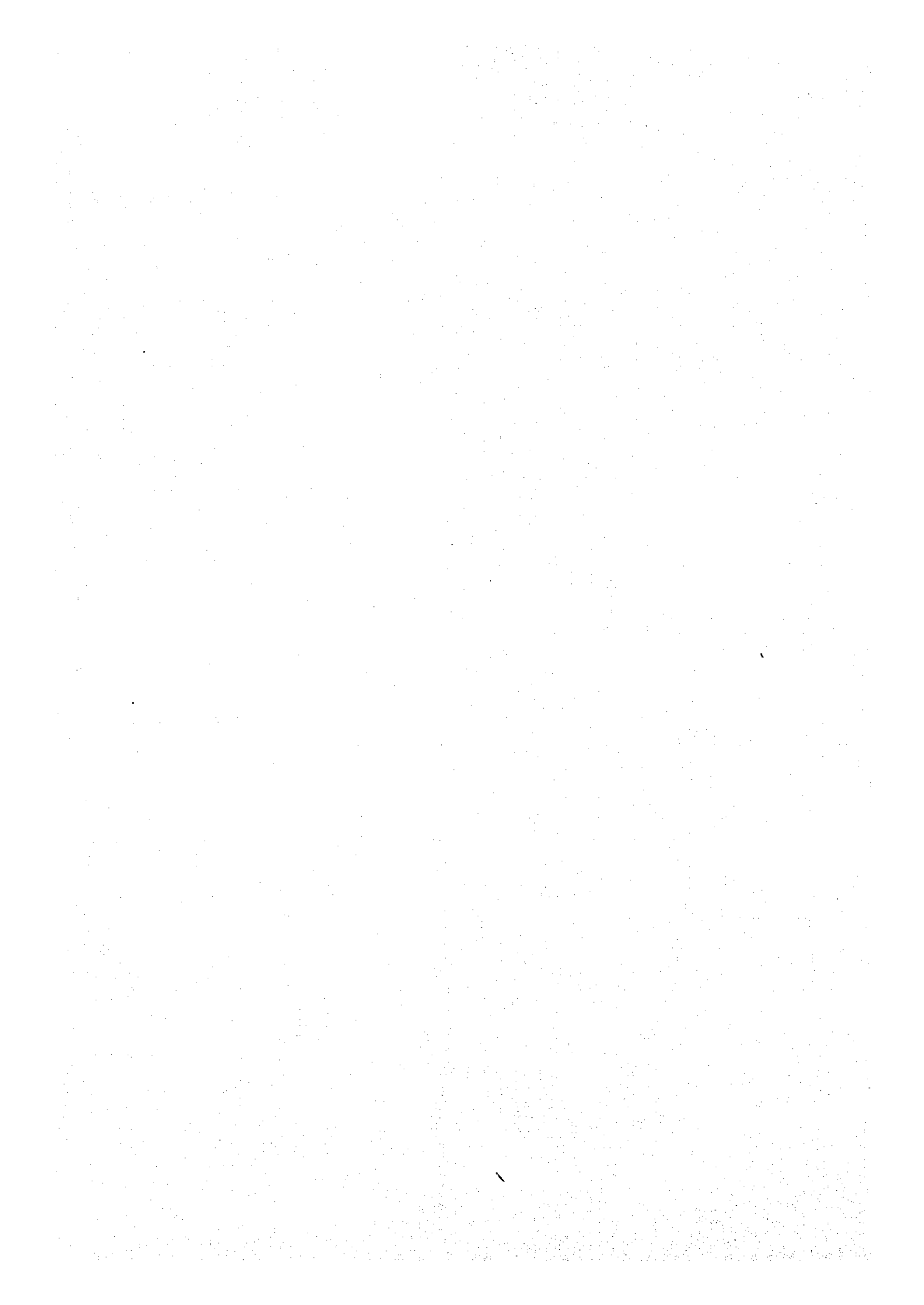


Table A-6 Results of Cu, Mo and W Chemical Analysis in Southern Area

No.	Sample No.	Location	Width (cm)	Grade		
				Cu(%)	Mo(%)	W(%)
1	WM-15	Ikissane Mine	30	0.07	0.12	0.02
2	WM-16	"	30	<0.01	0.04	<0.01
3	WM-17	"	30	0.05	0.92	<0.01
4	WM-18	"	40	0.01	0.46	<0.01
5	WM-19	"	35	0.02	0.03	0.02
6	WM-20	"	26	0.03	<0.01	<0.01
7	WM-21	"	35	0.07	0.35	<0.01
8	WM-22	"	40	0.02	0.03	<0.01
9	WM-25	Maouass Indication	80	0.70	<0.01	<0.01
10	WM-26	"	80	0.02	<0.01	<0.01
11	WM-27	"	80	0.10	<0.01	<0.01
12	WM-28	"	80	0.10	<0.01	<0.01
13	WM-29	"	80	0.02	<0.01	<0.01
14	WM-30	"	80	0.02	0.01	<0.01
15	WM-31	"	80	0.10	<0.01	<0.01
16	SM- 2	"	30	0.20	<0.01	0.02
17	SM- 3	"	150	0.15	<0.01	<0.01
18	SM- 4	"	150	0.20	0.04	0.01
19	WM-32	Agadir Mine	40	0.02	0.01	<0.01
20	WM-33	"	30	0.30	0.01	0.07
21	WM-34	"	30	0.07	<0.01	0.01
22	WM-35	"	30	0.42	0.01	0.09
23	MM- 1	"	100	0.90	<0.01	0.29
24	MM- 2	"	80	0.06	<0.01	<0.01
25	MM- 3	"	50	0.24	<0.01	0.15
26	MM- 4	"	70	0.64	<0.01	0.04
27	MM- 5	"	120	1.60	<0.01	0.41
28	MM- 6	"	100	0.88	<0.01	<0.01
29	MM- 7	"	100	0.77	<0.01	0.01
30	MM- 8	"	80	1.04	<0.01	<0.01
31	NM- 9	Gundafa Mine	30	0.10	<0.01	<0.01

Table A-7 Results of Cu, Pb, Zn and Ag Chemical Analysis in Southern Area

No.	Sample No.	Location	Width (cm)	Grade			
				Cu(%)	Pb(%)	Zn(%)	Ag(g/t)
1	WM- 2	Taddart A	15	0.15	<0.01	<0.01	5
2	WM- 3	"	15	0.15	<0.01	0.02	7
3	WM- 4	"	30	0.07	0.02	<0.01	5
4	WM- 5	"	30	0.20	0.02	<0.01	15
5	WM- 6	"	25	0.02	<0.01	<0.01	2
6	WM- 7	"	15	2.04	<0.01	<0.01	15
7	WM- 8	"	30	3.50	<0.01	<0.01	20
8	WM- 9	"	20	0.50	<0.01	0.01	10
9	WM-10	"	20	4.00	0.02	0.01	20
10	WM-11	"	30	0.50	<0.01	<0.01	5
11	WM-12	"	150	5.20	<0.01	<0.01	15
12	WM-13	Amslouh, SEE, 1.8km	30	0.65	<0.01	<0.01	2
13	WM-14	Arg, W, 1.5km	30	0.40	<0.01	0.03	10
14	WM-24	Zawyat Askar, S, 0.3km	Stock pile	1.80	<0.01	0.08	1
15	WM-62	Tawrirt, SE, 2.0km	120	11.75	0.03	0.38	190
16	WM-63	Tawrirt, S, 0.6km	200	19.00	0.07	0.48	215
17	SM- 1	Taddart, NE, 2.5km	Stock pile	8.02	<0.01	<0.01	10
18	SM- 5	Tamsoult, SE, 1.0km	100	0.03	0.01	<0.01	10
19	SM- 9	Achdirt, NE, 0.5km	Stock pile	2.70	<0.01	0.14	4
20	SM-14	Iguidi Mine	Stock pile	0.82	<0.01	<0.01	2
21	SM-15	"	Stock pile	3.80	0.01	0.06	4
22	NM- 3	Tizi-n-Oumzto	10	0.04	<0.01	<0.01	3
23	NM- 5	Gundafa Mine	200	0.03	0.05	0.15	7
24	NM- 6	"	30	3.06	0.68	18.50	10
25	NM- 7	"	30	4.02	0.19	0.30	10
26	NM- 8	"	20	7.05	0.03	0.05	10
27	NM-11	Igherm, SEE, 1.7km	Stock pile	0.06	<0.01	0.02	7
28	NM-12	Igherm, S, 1.6km	10	0.25	0.02	0.04	15
29	NM-13	Tirmouza, W, 0.5km	20	0.05	0.01	0.02	1
30	NM-14	Tirmouza, NW, 1.6km	10	1.60	<0.01	0.03	1
31	NM-15	Analghi, N, 2.5km	10	2.20	0.01	<0.01	7
32	NM-17	Analghi, N, 2.0km	10	0.09	0.15	<0.01	15
33	NM-18	Tirmouza, NE, 0.5km	10	0.04	0.15	0.02	0.5
34	NM-20	Imi-n-Tislit, NE, 0.1km	500	0.26	<0.01	0.01	6
35	NM-30	Anammer, SEE, 0.5km	30	3.00	<0.01	0.01	4
36	NM-31	Anammer, S, 1.0km	50	0.06	<0.01	0.01	4
37	NM-32	Anammer, S, 2.0km	50	0.44	<0.01	0.01	8
38	NM-33	Anammer, S, 3.0km	300	3.75	<0.01	<0.01	280
39	NM-34	Anammer, S, 3.5km	15	0.64	<0.01	<0.01	12

Table A-8 Results of Cu, Pb, Zn, Mo and W Chemical Analysis
of Stream Sediment Samples in Southern Area

No.	Sample No.	Grade (ppm)					No.	Sample No.	Grade (ppm)				
		Cu	Pb	Zn	Mo	W			Cu	Pb	Zn	Mo	W
1	WK. 1	10	10	70	3	< 50	31	WK. 31	50	10	50	1	< 50
2	2	10	10	70	1	< 50	32	32	20	10	30	1	< 50
3	3	15	15	70	1	< 50	33	33	30	15	50	1	< 50
4	4	20	7	50	< 1	< 50	34	34	30	10	30	1	< 50
5	5	15	5	30	< 1	< 50	35	35	30	10	50	1	< 50
6	6	15	10	50	< 1	< 50	36	36	30	10	20	1	< 50
7	7	15	15	100	1	< 50	37	37	50	10	50	1	< 50
8	8	15	15	100	< 1	< 50	38	38	70	15	70	1	< 50
9	9	15	15	70	< 1	< 50	39	39	20	10	50	< 1	< 50
10	10	15	15	70	< 1	< 50	40	40	50	30	100	< 1	< 50
11	11	15	10	70	< 1	< 50	41	41	20	30	100	1	< 50
12	12	10	7	50	< 1	< 50	42	42	30	20	70	< 1	< 50
13	13	15	10	70	< 1	< 50	43	43	50	15	70	< 1	< 50
14	14	15	10	70	1	< 50	44	44	50	15	50	1	< 50
15	15	10	7	70	< 1	< 50	45	45	70	15	50	< 1	< 50
16	16	10	10	70	< 1	< 50	46	46	30	10	30	< 1	< 50
17	17	10	10	70	< 1	< 50	47	47	30	7	30	< 1	< 50
18	18	15	15	70	1	< 50	48	48	50	50	100	150	100
19	19	15	15	70	2	< 50	49	49	70	70	150	5	< 50
20	20	30	15	50	2	< 50	50	50	100	15	70	2	< 50
21	21	30	15	50	1	< 50	51	51	30	15	50	5	< 50
22	22	20	10	30	2	< 50	52	52	50	15	70	1	70
23	23	70	15	30	1	< 50	53	53	30	10	50	2	< 50
24	24	50	20	50	< 1	< 50	54	54	20	15	50	3	< 50
25	25	50	30	30	1	< 50	55	55	20	10	50	2	< 50
26	26	20	10	50	< 1	< 50	56	56	30	20	70	5	< 50
27	27	20	15	70	1	< 50	57	57	70	20	100	< 1	< 50
28	28	20	10	50	< 1	< 50	58	58	30	15	100	1	< 50
29	29	20	10	50	1	< 50	59	59	30	30	50	2	< 50
30	30	30	10	30	< 1	< 50	60	60	30	15	50	< 1	< 50

No.	Sample No.	Grade (ppm)					No.	Sample No.	Grade (ppm)				
		Cu	Pb	Zn	Mo	W			Cu	Pb	Zn	Mo	W
61	WK. 61	30	10	30	2	< 50	95	WK. 95	15	50	20	2	< 50
62	62	20	10	70	< 1	< 50	96	96	20	20	70	< 1	< 50
63	63	20	10	50	1	< 50	97	97	20	15	50	< 1	< 50
64	64	50	7	30	2	< 50	98	98	15	10	50	< 1	< 50
65	65	30	10	50	2	< 50	99	99	20	10	70	< 1	< 50
66	66	30	15	70	2	< 50	100	100	15	15	50	1	< 50
67	67	30	15	70	1	< 50	101	101	30	15	70	< 1	< 50
68	68	30	10	70	1	< 50	102	102	15	10	70	< 1	< 50
69	69	30	10	100	< 1	< 50	103	103	10	15	50	< 1	< 50
70	70	20	10	50	< 1	< 50	104	104	10	5	30	< 1	< 50
71	71	20	10	70	1	< 50	105	105	10	10	50	< 1	< 50
72	72	20	10	70	< 1	< 50	106	106	15	10	50	< 1	< 50
73	73	20	10	70	< 1	< 50	107	107	10	10	50	< 1	< 50
74	74	20	10	50	< 1	< 50	108	108	15	7	50	< 1	< 50
75	75	15	10	70	2	< 50	109	109	20	15	70	2	< 50
76	76	10	200	70	< 1	< 50	110	110	15	10	50	< 1	< 50
77	77	20	10	70	2	< 50	111	111	15	5	30	< 1	< 50
78	78	10	10	50	3	< 50	112	112	15	7	50	< 1	< 50
79	79	20	10	70	2	< 50	113	113	15	7	30	< 1	< 50
80	80	15	10	70	< 1	< 50	114	114	15	10	50	< 1	< 50
81	81	50	15	70	5	100	115	115	15	20	30	3	< 50
82	82	5000	70	100	150	1000	116	116	10	10	30	2	< 50
83	83	50	15	50	5	< 50	117	117	50	70	50	5	< 50
84	84	30	10	50	5	50	118	118	20	20	70	2	< 50
85	85	50	10	70	7	< 50	119	119	20	30	15	5	< 50
86	86	30	10	50	2	< 50	120	120	30	50	30	2	< 50
87	87	30	15	50	5	< 50	121	121	20	20	20	< 1	< 50
88	88	20	30	30	1	100	122	122	7000	150	150	5	< 50
89	89	20	50	70	2	< 50	123	123	50	70	50	1	< 50
90	90	30	70	100	2	< 50	124	124	11,000	300	150	10	< 50
91	91	20	20	100	1	< 50	125	125	20	30	50	< 1	< 50
92	92	15	20	70	< 1	< 50	126	126	30	50	50	< 1	< 50
93	93	10	50	< 10	< 1	< 50	127	127	30	20	30	3	< 50
94	94	15	70	20	1	< 50	128	128	30	10	50	< 1	< 50

No.	Sample No.	Grade (ppm)					No.	Sample No.	Grade (ppm)				
		Cu	Pb	Zn	Mo	W			Cu	Pb	Zn	Mo	W
129	WK.129	50	50	100	< 1	< 50	163	WK.163	150	100	200	7	< 50
130	130	20	15	70	< 1	< 50	164	SK. 1	30	15	70	< 1	< 50
131	131	20	30	100	< 1	< 50	165	2	20	7	20	< 1	< 50
132	132	20	30	70	< 1	< 50	166	3	30	10	50	5	< 50
133	133	300	50	70	1	< 50	167	4	20	10	50	3	< 50
134	134	30	15	50	< 1	< 50	168	5	30	15	100	1	< 50
135	135	20	15	50	< 1	< 50	169	6	15	20	100	5	< 50
136	136	20	20	50	< 1	< 50	170	7	20	50	200	1	< 50
137	137	15	10	30	1	< 50	171	8	10	10	30	< 1	< 50
138	138	15	10	50	< 1	< 50	172	9	50	70	150	7	< 50
139	139	15	15	50	< 1	< 50	173	10	15	50	100	< 1	< 50
140	140	20	10	50	< 1	< 50	174	11	15	30	100	1	< 50
141	141	15	20	30	< 1	< 50	175	12	30	30	100	2	< 50
142	142	50	50	70	3	< 50	176	13	30	10	30	< 1	< 50
143	143	50	50	70	5	< 50	177	14	30	20	70	2	< 50
144	144	30	20	30	2	< 50	178	15	50	10	30	2	< 50
145	145	50	30	70	3	< 50	179	16	20	10	30	2	< 50
146	146	30	20	70	3	< 50	180	17	30	10	30	< 1	< 50
147	147	70	20	70	3	< 50	181	18	50	15	70	5	< 50
148	148	30	20	70	1	< 50	182	19	20	10	30	< 1	< 50
149	149	20	15	50	< 1	< 50	183	20	30	10	30	1	< 50
150	150	20	10	30	3	< 50	184	21	30	15	50	< 1	< 50
151	151	30	30	70	< 1	< 50	185	22	50	20	70	2	< 50
152	152	30	20	70	< 1	< 50	186	23	20	10	50	1	< 50
153	153	20	10	30	< 1	< 50	187	24	30	10	50	3	< 50
154	154	20	10	20	< 1	< 50	188	25	20	10	50	< 1	< 50
155	155	30	15	20	2	< 50	189	26	10	7	30	< 1	< 50
156	156	50	50	50	3	< 50	190	27	20	10	50	2	< 50
157	157	100	70	70	7	< 50	191	28	15	15	70	3	< 50
158	158	30	70	200	5	< 50	192	29	15	10	30	1	< 50
159	159	30	150	200	7	< 50	193	30	15	10	15	1	< 50
160	160	70	150	200	5	< 50	194	31	15	7	15	2	< 50
161	161	50	30	70	10	< 50	195	32	10	5	10	1	< 50
162	162	20	70	150	7	< 50	196	33	10	7	10	< 1	< 50

No.	Sample No.	Grade (ppm)					No.	Sample No.	Grade (ppm)				
		Cu	Pb	Zn	Mo	W			Cu	Pb	Zn	Mo	W
197	SK. 34	15	15	20	2	< 50	231	SK. 68	15	10	50	< 1	< 50
198	35	15	10	20	2	< 50	232	69	15	30	100	< 1	< 50
199	36	10	10	20	2	< 50	233	70	15	10	50	< 1	< 50
200	37	7	7	10	< 1	< 50	234	71	10	10	50	< 1	< 50
201	38	10	10	15	< 1	< 50	235	72	15	10	20	2	< 50
202	39	10	10	50	< 1	< 50	236	73	15	10	70	< 1	< 50
203	40	15	7	20	2	< 50	237	74	20	15	50	< 1	< 50
204	41	20	10	30	< 1	< 50	238	75	10	10	15	1	< 50
205	42	15	10	50	< 1	< 50	239	76	15	10	70	< 1	< 50
206	43	10	10	15	1	< 50	240	77	10	7	30	< 1	< 50
207	44	10	10	70	< 1	< 50	241	78	15	10	50	< 1	< 50
208	45	20	7	20	< 1	< 50	242	79	10	10	50	< 1	< 50
209	46	10	10	20	1	< 50	243	80	10	10	50	< 1	< 50
210	47	15	10	50	< 1	< 50	244	81	10	10	10	2	< 50
211	48	15	10	20	< 1	< 50	245	82	20	15	30	3	< 50
212	49	15	15	30	1	< 50	246	83	15	10	70	< 1	< 50
213	50	15	7	50	< 1	< 50	247	84	10	15	50	3	< 50
214	51	200	70	150	3	< 50	248	85	10	10	50	< 1	< 50
215	52	15	10	50	2	< 50	249	86	10	10	70	< 1	< 50
216	53	15	15	70	1	< 50	250	87	15	10	30	5	< 50
217	54	15	15	70	< 1	< 50	251	88	50	10	70	2	< 50
218	55	10	15	50	< 1	< 50	252	89	50	30	70	7	< 50
219	56	20	10	50	< 1	< 50	253	90	10	10	50	1	< 50
220	57	30	15	50	2	< 50	254	91	15	10	20	5	< 50
221	58	20	15	50	< 1	< 50	255	92	50	100	100	3	< 50
222	59	15	10	20	1	< 50	256	93	30	10	50	7	< 50
223	60	20	20	100	1	< 50	257	94	20	10	30	5	< 50
224	61	20	20	70	2	< 50	258	95	15	15	30	5	< 50
225	62	20	15	30	2	< 50	259	96	30	7	30	5	< 50
226	63	50	15	50	3	< 50	260	97	50	20	50	3	< 50
227	64	15	10	30	3	< 50	261	98	15	10	30	5	< 50
228	65	70	150	150	2	< 50	262	99	30	15	50	7	< 50
229	66	30	100	150	5	< 50	263	100	10	10	50	3	< 50
230	67	20	70	100	< 1	< 50	264	101	10	10	50	< 1	< 50

No.	Sample No.	Grade (ppm)					No.	Sample No.	Grade (ppm)				
		Cu	Pb	Zn	Mo	W			Cu	Pb	Zn	Mo	W
265	SK.102	15	10	50	< 1	< 50	299	SK.136	20	15	50	< 1	< 50
266	103	10	7	30	< 1	< 50	300	137	20	10	30	< 1	< 50
267	104	10	10	50	1	< 50	301	138	20	15	30	< 1	< 50
268	105	30	10	70	< 1	< 50	302	139	15	10	30	< 1	< 50
269	106	30	50	70	2	< 50	303	140	15	10	30	< 1	< 50
270	107	15	10	50	1	< 50	304	141	20	15	50	< 1	< 50
271	108	30	15	70	1	< 50	305	142	15	10	30	< 1	< 50
272	109	50	10	70	5	< 50	306	143	15	15	50	< 1	< 50
273	110	20	10	50	2	< 50	307	144	20	15	30	< 1	< 50
274	111	10	10	30	1	< 50	308	145	15	15	50	< 1	< 50
275	112	30	10	50	5	< 50	309	146	10	7	50	< 1	< 50
276	113	30	7	50	< 1	< 50	310	147	15	15	50	< 1	< 50
277	114	20	70	50	< 1	< 50	311	148	10	10	30	< 1	< 50
278	115	15	10	50	< 1	< 50	312	149	10	10	50	< 1	< 50
279	116	30	20	50	1	< 50	313	150	10	20	30	< 1	< 50
280	117	20	15	50	1	< 50	314	151	10	20	70	< 1	< 50
281	118	15	15	50	< 1	< 50	315	152	15	10	50	< 1	< 50
282	119	20	20	70	2	< 50	316	153	10	20	70	< 1	< 50
283	120	15	30	70	3	< 50	317	154	10	10	50	< 1	< 50
284	121	50	200	150	2	< 50	318	155	15	15	50	< 1	< 50
285	122	10	10	30	< 1	< 50	319	156	15	10	50	< 1	< 50
286	123	15	15	50	< 1	< 50	320	157	10	10	30	< 1	< 50
287	124	30	10	30	< 1	< 50	321	158	20	15	70	< 1	< 50
288	125	50	10	50	< 1	< 50	322	159	10	15	70	< 1	< 50
289	126	50	15	70	< 1	< 50	323	160	10	10	50	< 1	< 50
290	127	50	15	150	< 1	< 50	324	161	10	10	50	1	< 50
291	128	70	20	100	< 1	< 50	325	162	10	10	50	1	< 50
292	129	70	20	100	< 1	< 50	326	163	15	15	100	< 1	< 50
293	130	50	30	70	< 1	< 50	327	164	10	15	100	< 1	< 50
294	131	20	10	30	1	< 50	328	165	15	15	100	< 1	< 50
295	132	20	10	20	1	< 50	329	166	15	15	70	< 1	< 50
296	133	30	15	50	1	< 50	330	167	15	15	50	1	< 50
297	134	20	15	50	< 1	< 50	331	168	15	10	70	< 1	< 50
298	135	20	15	30	< 1	< 50	332	169	10	10	50	< 1	< 50

No.	Sample No.	Grade (ppm)					No.	Sample No.	Grade (ppm)				
		Cu	Pb	Zn	Mo	W			Cu	Pb	Zn	Mo	W
333	SK.170	15	10	50	1	< 50	367	SK.204	20	10	50	2	< 50
334	171	10	10	50	< 1	< 50	368	205	15	20	50	< 1	< 50
335	172	15	15	70	< 1	< 50	369	206	15	20	70	< 1	< 50
336	173	10	10	50	< 1	< 50	370	207	10	10	30	< 1	< 50
337	174	15	10	30	< 1	< 50	371	208	20	15	50	1	< 50
338	175	15	10	30	1	< 50	372	209	20	15	50	< 1	< 50
339	176	15	7	30	< 1	< 50	373	210	15	30	70	< 1	< 50
340	177	15	15	50	< 1	< 50	374	211	15	10	50	2	< 50
341	178	10	7	30	< 1	< 50	375	212	20	15	70	< 1	< 50
342	179	15	10	50	< 1	< 50	376	213	50	50	20	5	< 50
343	180	15	10	50	< 1	< 50	377	214	70	70	70	3	< 50
344	181	20	15	50	< 1	< 50	378	215	50	15	20	1	< 50
345	182	15	10	30	< 1	< 50	379	216	20	15	30	3	< 50
346	183	15	7	50	< 1	< 50	380	217	100	30	30	5	< 50
347	184	10	10	50	< 1	< 50	381	218	20	15	20	2	< 50
348	185	15	15	50	< 1	< 50	382	219	50	20	30	2	< 50
349	186	30	30	70	1	< 50	383	220	30	20	20	3	< 50
350	187	20	15	70	< 1	< 50	384	221	50	15	20	3	< 50
351	188	15	10	10	1	< 50	385	222	50	20	30	5	< 50
352	189	10	10	20	< 1	< 50	386	223	20	30	30	2	< 50
353	190	20	15	30	< 1	< 50	387	224	20	30	30	2	< 50
354	191	15	10	10	1	< 50	388	225	50	15	100	2	< 50
355	192	20	10	15	< 1	< 50	389	226	30	10	30	1	< 50
356	193	20	7	30	< 1	< 50	390	227	30	15	70	2	< 50
357	194	20	15	70	< 1	< 50	391	228	15	10	50	1	< 50
358	195	20	10	50	< 1	< 50	392	229	20	20	30	2	< 50
359	196	15	10	50	3	< 50	393	230	30	50	70	3	< 50
360	197	10	10	50	< 1	< 50	394	231	50	15	70	3	< 50
361	198	15	10	30	< 1	< 50	395	232	50	15	70	5	< 50
362	199	15	50	70	< 1	< 50	396	233	15	15	50	2	< 50
363	200	10	10	20	< 1	< 50	397	234	15	10	20	1	< 50
364	201	20	15	50	< 1	< 50	398	235	50	10	50	< 1	< 50
365	202	15	15	70	< 1	< 50	399	236	50	10	50	2	< 50
366	203	30	15	50	< 1	< 50	400	237	20	10	30	3	< 50

No.	Sample No.	Grade (ppm)					No.	Sample No.	Grade (ppm)				
		Cu	Pb	Zn	Mo	W			Cu	Pb	Zn	Mo	W
401	SK.238	20	15	30	3	< 50	435	SK. 272	15	7	50	5	< 50
402	239	15	15	50	2	< 50	436	273	10	7	50	< 1	< 50
403	240	15	20	30	1	< 50	437	274	20	300	200	< 1	< 50
404	241	15	10	15	1	< 50	438	275	15	30	50	< 1	< 50
405	242	10	10	20	< 1	< 50	439	276	15	50	50	2	< 50
406	243	20	10	15	< 1	< 50	440	277	15	10	50	< 1	< 50
407	244	15	10	< 10	1	< 50	441	278	15	30	70	< 1	< 50
408	245	50	15	20	3	< 50	442	279	20	30	100	< 1	< 50
409	246	30	150	20	7	< 50	443	280	20	30	100	< 1	< 50
410	247	10	15	30	1	< 50	444	NK. 1	20	10	50	< 1	< 50
411	248	50	50	70	5	< 50	445	2	15	15	50	1	< 50
412	249	15	20	100	1	< 50	446	3	50	10	70	1	< 50
413	250	100	150	150	< 1	< 50	447	4	30	15	50	1	< 50
414	251	50	150	150	< 1	< 50	448	5	20	200	300	< 2	< 50
415	252	150	50	50	< 1	< 50	449	6	30	15	50	2	< 50
416	253	15	20	70	< 1	< 50	450	7	20	10	30	1	< 50
417	254	30	50	50	1	< 50	451	8	15	15	50	1	< 50
418	255	50	10	30	< 1	< 50	452	9	15	10	50	1	< 50
419	256	70	70	50	< 1	< 50	453	10	30	10	50	2	< 50
420	257	70	15	50	< 1	< 50	454	11	20	15	50	2	< 50
421	258	50	10	50	< 1	< 50	455	12	15	10	30	1	< 50
422	259	50	10	30	< 1	< 50	456	13	20	15	50	1	< 50
423	260	20	7	30	1	< 50	457	14	20	15	70	1	< 50
424	261	200	15	50	< 1	< 50	458	15	15	15	50	1	< 50
425	262	50	20	100	< 1	< 50	459	16	15	10	70	< 1	< 50
426	263	50	15	100	< 1	< 50	460	17	30	10	50	< 1	< 50
427	264	30	10	100	< 1	< 50	461	18	20	7	50	< 1	< 50
428	265	30	10	150	< 1	< 50	462	19	70	15	70	1	< 50
429	266	15	100	20	1	< 50	463	20	50	15	50	< 1	< 50
430	267	15	15	30	1	< 50	464	21	20	10	30	< 1	< 50
431	268	15	10	30	< 1	< 50	465	22	20	10	70	< 1	< 50
432	269	15	10	30	2	< 50	466	23	30	15	70	1	< 50
433	270	15	10	30	2	< 50	467	24	30	15	100	< 1	< 50
434	271	15	10	20	1	< 50	468	25	30	15	100	< 1	< 50

No.	Sample No.	Grade (ppm)					No.	Sample No.	Grade (ppm)				
		Cu	Pb	Zn	Mo	W			Cu	Pb	Zn	Mo	W
469	NK. 26	30	10	50	< 1	< 50	503	NK. 60	15	20	50	2	< 50
470	27	50	15	70	< 1	< 50	504	61	15	30	50	3	< 50
471	28	150	200	100	10	< 50	505	62	10	10	20	< 1	< 50
472	29	20	10	50	1	< 50	506	63	100	30	30	< 1	< 50
473	30	20	15	70	< 1	< 50	507	64	30	20	70	1	< 50
474	31	30	10	70	1	< 50	508	65	50	50	70	2	< 50
475	32	30	10	50	1	< 50	509	66	30	10	30	1	< 50
476	33	70	20	70	< 1	< 50	510	67	300	30	70	10	< 50
477	34	20	15	15	1	< 50	511	68	50	50	50	5	< 50
478	35	20	10	20	1	< 50	512	69	50	50	150	3	< 50
479	36	20	10	50	< 1	< 50	513	70	30	50	70	2	< 50
480	37	20	15	70	< 1	< 50	514	71	30	200	150	3	< 50
481	38	20	30	70	< 1	< 50	515	72	70	50	100	5	< 50
482	39	15	15	70	< 1	< 50	516	73	20	10	50	2	< 50
483	40	20	15	50	7	< 50	517	74	30	15	70	< 1	< 50
484	41	15	20	50	10	< 50	518	75	20	15	70	< 1	< 50
485	42	20	15	30	7	< 50	519	76	20	15	70	< 1	< 50
486	43	10	10	20	< 1	< 50	520	77	15	10	30	< 1	< 50
487	44	20	10	30	< 1	< 50	521	78	20	15	100	< 1	< 50
488	45	100	20	100	15	< 50	522	79	20	15	70	< 1	< 50
489	46	70	15	50	< 1	< 50	523	80	15	15	50	< 1	< 50
490	47	15	10	50	< 1	< 50	524	81	15	20	50	< 1	< 50
491	48	100	15	50	< 1	< 50	525	82	15	15	70	< 1	< 50
492	49	100	15	50	2	< 50	526	83	50	10	70	< 1	< 50
493	50	20	10	50	< 1	< 50	527	84	15	15	70	1	< 50
494	51	50	30	70	< 1	< 50	528	85	20	15	70	1	< 50
495	52	30	10	70	< 1	< 50	529	86	20	10	50	< 1	< 50
496	53	10	10	70	< 1	< 50	530	87	15	10	70	< 1	< 50
497	54	20	30	50	< 1	< 50	531	88	20	10	50	< 1	< 50
498	55	20	7	30	< 1	< 50	532	89	20	15	70	< 1	< 50
499	56	10	7	10	2	< 50	533	90	15	10	70	< 1	< 50
500	57	15	10	70	< 1	< 50	534	91	15	7	50	< 1	< 50
501	58	15	10	30	< 1	< 50	535	92	20	7	50	< 1	< 50
502	59	15	20	50	< 1	< 50	536	93	30	100	100	1	< 50

No.	Sample No.	Grade (ppm)					No.	Sample No.	Grade (ppm)				
		Cu	Pb	Zn	Mo	W			Cu	Pb	Zn	Mo	W
537	NK. 94	20	500	150	2	< 50	571	NK.128	100	20	50	2	< 50
538	95	100	30	30	3	< 50	572	129	50	10	50	< 1	< 50
539	96	150	2000	300	7	< 50	573	130	30	10	70	< 1	< 50
540	97	20	70	100	2	< 50	574	131	10	7	30	2	< 50
541	98	2000	30	100	7	< 50	575	132	15	15	70	< 1	< 50
542	99	20	30	50	3	< 50	576	133	10	10	50	< 1	< 50
543	100	20	30	50	2	< 50	577	134	10	10	70	< 1	< 50
544	101	50	1000	500	< 1	< 50	578	135	15	50	50	3	< 50
545	102	15	15	50	< 1	< 50	579	136	15	15	100	3	< 50
546	103	15	10	50	< 1	< 50	580	137	10	10	50	< 1	< 50
547	104	70	100	70	1	< 50	581	138	10	10	70	< 1	< 50
548	105	10	7	15	1	< 50	582	139	15	15	50	< 1	< 50
549	106	30	70	150	3	< 50	583	140	10	10	30	< 1	< 50
550	107	30	10	50	< 1	< 50	584	141	10	10	30	< 1	< 50
551	108	30	10	30	< 1	< 50	585	142	15	10	50	< 1	< 50
552	109	30	15	70	< 1	< 50	586	143	15	15	50	< 1	< 50
553	110	30	10	50	< 1	< 50	587	144	10	10	30	2	< 50
554	111	20	10	50	< 1	< 50	588	145	10	10	50	< 1	< 50
555	112	15	10	50	< 1	< 50	589	146	10	10	20	< 1	< 50
556	113	15	10	50	< 1	< 50	590	147	10	10	30	1	< 50
557	114	15	10	50	< 1	< 50	591	148	10	10	30	< 1	< 50
558	115	20	15	70	1	< 50	592	149	10	15	30	< 1	< 50
559	116	30	10	50	1	< 50	593	150	20	10	30	1	< 50
560	117	30	15	70	< 1	< 50	594	151	15	15	50	1	< 50
561	118	30	15	50	< 1	< 50	595	152	10	7	10	< 1	< 50
562	119	15	10	50	1	< 50	596	153	15	10	50	< 1	< 50
563	120	15	15	50	3	< 50	597	154	20	15	70	< 1	< 50
564	121	15	15	100	< 1	< 50	598	155	30	15	50	< 1	< 50
565	122	15	7	30	2	< 50	599	156	10	10	30	1	< 50
566	123	70	15	30	2	< 50	600	157	15	10	50	< 1	< 50
567	124	50	10	50	< 1	< 50	601	158	50	10	50	< 1	< 50
568	125	30	20	70	< 1	< 50	602	159	15	30	50	5	< 50
569	126	50	10	50	< 1	< 50	603	160	15	15	10	3	< 50
570	127	30	15	70	< 1	< 50	604	161	20	15	50	< 1	< 50

No.	Sample No.	Grade (ppm)					No.	Sample No.	Grade (ppm)				
		Cu	Pb	Zn	Mo	W			Cu	Pb	Zn	Mo	W
605	NK.162	50	20	70	< 1	< 50	639	NK.196	20	30	70	3	< 50
606	163	20	20	30	2	< 50	640	197	15	20	50	5	< 50
607	164	30	10	70	< 1	< 50	641	198	30	50	50	7	< 50
608	165	30	15	70	< 1	< 50	642	199	30	30	30	3	< 50
609	166	50	30	100	7	< 50	643	200	20	20	50	3	< 50
610	167	100	50	100	10	< 50	644	201	70	30	50	5	< 50
611	168	50	150	150	5	< 50	645	202	15	20	70	< 1	< 50
612	169	30	50	100	< 1	< 50	646	203	20	20	30	7	< 50
613	170	70	100	150	< 1	< 50	647	204	20	20	30	5	< 50
614	171	50	50	100	2	< 50	648	205	15	15	50	2	< 50
615	172	70	30	100	1	< 50	649	206	20	15	50	3	< 50
616	173	50	30	100	< 1	< 50	650	207	30	70	100	5	< 50
617	174	50	70	150	< 1	< 50	651	208	50	20	70	5	< 50
618	175	50	50	100	< 1	< 50	652	209	30	20	100	3	< 50
619	176	20	30	200	< 1	< 50	653	210	20	20	50	2	< 50
620	177	30	20	100	< 1	< 50	654	211	30	30	150	5	< 50
621	178	20	100	150	< 1	< 50	655	212	30	50	100	3	< 50
622	179	20	50	100	< 1	< 50	656	213	20	50	100	10	< 50
623	180	30	15	20	< 1	< 50	657	214	15	15	70	3	< 50
624	181	30	20	50	1	< 50	658	215	20	15	70	3	< 50
625	182	20	15	50	< 1	< 50	659	216	10	20	30	5	< 50
626	183	20	20	100	< 1	< 50	660	217	10	30	50	3	< 50
627	184	20	15	70	< 1	< 50	661	218	20	50	100	7	< 50
628	185	20	100	150	< 1	< 50	662	219	20	20	70	10	< 50
629	186	20	50	150	< 1	< 50	663	220	10	30	50	5	< 50
630	187	20	30	70	1	< 50	664	221	70	50	100	< 1	< 50
631	188	30	70	30	5	< 50	665	222	30	100	150	10	< 50
632	189	15	30	50	2	< 50	666	223	30	200	200	10	< 50
633	190	10	20	10	2	< 50	667	224	30	70	100	5	< 50
634	191	30	30	30	3	< 50	668	225	30	150	70	7	< 50
635	192	20	50	30	5	< 50	669	226	10	10	< 10	< 1	< 50
636	193	20	20	100	7	< 50	670	227	15	50	50	< 1	< 50
637	194	50	50	30	10	< 50	671	228	15	50	50	< 1	< 50
638	195	30	30	50	5	< 50	672	229	10	10	30	< 1	< 50

No.	Sample No.	Grade (ppm)					No.	Sample No.	Grade (ppm)				
		Cu	Pb	Zn	Mo	W			Cu	Pb	Zn	Mo	W
673	NK.230	10	15	70	2	< 50							
674	231	15	15	100	< 1	< 50							
675	232	20	10	70	< 1	< 50							
676	233	20	10	50	2	< 50							
677	234	20	20	70	3	< 50							
678	235	15	20	70	1	< 50							
679	236	15	15	70	2	< 50							
680	237	15	10	50	< 1	< 50							
681	238	20	20	50	< 1	< 50							
682	239	30	10	150	< 1	< 50							
683	240	50	10	50	< 1	< 50							
684	241	30	50	100	2	< 50							
685	242	30	20	50	2	< 50							
686	243	20	15	70	2	< 50							
687	244	20	15	50	< 1	< 50							
688	245	30	10	30	1	< 50							
689	246	20	15	50	1	< 50							
690	247	15	15	30	1	< 50							
691	248	15	30	20	7	< 50							
692	249	20	10	70	< 1	< 50							
693	250	20	15	70	< 1	< 50							
694	251	15	10	50	< 1	< 50							
695	252	15	20	70	< 1	< 50							
696	253	15	10	50	< 1	< 50							
697	254	20	300	300	1	< 50							
698	255	30	150	200	2	< 50							

Table A-9-1 Results of Cu, Pb and Zn Chemical Analysis
of Soil Samples in Erdouz Sector

(1)

No.	Sample No.	Grade (ppm)			No.	Sample No.	Grade (ppm)		
		Cu	Pb	Zn			Cu	Pb	Zn
1	E1 - 1	10	30	100	32	E2 - 7	30	200	150
2	" - 2	10	10	70	33	" 8	30	70	100
3	" 3	15	20	70	34	" 9	30	30	100
4	" 4	10	10	50	35	" 10	30	200	100
5	" 5	15	15	70	36	" 11	50	200	100
6	" 6	20	30	70	37	" 12	50	200	100
7	" 7	20	20	70	38	" 13	50	300	150
8	" 8	20	50	100	39	" 14	50	500	200
9	" 9	30	70	150	40	" 15	70	300	150
10	" 10	30	100	150	41	" 16	100	700	500
11	" 11	20	100	150	42	" 17	150	200	300
12	" 12	15	100	100	43	" 18	70	200	200
13	" 13	10	150	100	44	" 19	50	200	100
14	" 14	15	150	150	45	" 20	30	100	100
15	" 15	50	100	100	46	" 21	20	100	100
16	" 16	30	500	200	47	" 22	50	100	300
17	" 17	20	200	150	48	" 23	15	100	100
18	" 18	30	100	150	49	" 24	30	150	100
19	" 19	30	200	200	50	" 25	30	150	100
20	" 20	20	200	500	51	E3 - 1	20	30	100
21	" 21	30	100	200	52	" 2	30	15	100
22	" 22	20	50	100	53	" 3	15	15	50
23	" 23	20	70	100	54	" 4	50	20	100
24	" 24	20	70	150	55	" 5	20	70	100
25	" 25	50	700	2000	56	" 6	20	50	150
26	E2 - 1	15	10	50	57	" 7	50	70	150
27	" 2	15	15	70	58	" 8	20	50	100
28	" 3	15	15	70	59	" 9	20	100	150
29	" 4	15	15	50	60	" 10	20	200	100
30	" 5	20	30	100	61	" 11	30	200	200
31	" 6	30	20	70	62	" 12	15	200	150

No.	Sample No.	Grade (ppm)			No.	Sample No.	Grade (ppm)		
		Cu	Pb	Zn			Cu	Pb	Zn
63	E3 - 13	30	200	150	98	E5 - 7	20	15	70
64	" 14	50	500	200	99	" 8	15	30	70
65	" 15	30	300	500	100	" 9	30	70	100
66	" 16	30	300	200	101	" 10	20	50	100
67	" 17	50	300	300	102	" 11	20	30	70
68	" 18	20	200	150	103	" 12	50	200	150
69	" 19	20	30	100	104	" 17	50	300	500
70	" 20	30	50	100	105	" 18	100	150	100
71	" 21	30	50	100	106	" 19	150	150	70
72	" 22	30	200	200	107	" 20	100	50	50
73	" 23	30	200	200	108	" 21	30	50	70
74	E4 - 1	10	10	50	109	" 22	50	30	50
75	" 2	15	15	70	110	" 23	50	70	150
76	" 3	30	30	70	111	E6 - 1	15	30	70
77	" 4	30	30	100	112	" 2	10	50	100
78	" 5	30	50	70	113	" 3	15	50	100
79	" 6	30	30	100	114	" 4	15	30	100
80	" 7	30	100	100	115	" 5	20	15	70
81	" 8	15	20	70	116	" 6	20	10	70
82	" 9	15	200	100	117	" 7	15	15	50
83	" 10	15	200	100	118	" 8	15	30	70
84	" 12	70	700	200	119	" 9	70	200	150
85	" 13	100	3000	1500	120	" 10	15	20	70
86	" 14	50	500	200	121	" 11	15	15	70
87	" 15	70	1500	700	122	" 12	15	30	70
88	" 20	30	200	150	123	" 13	15	30	70
89	" 21	20	50	100	124	" 14	20	150	100
90	" 22	20	50	100	125	" 15	30	50	70
91	" 23	20	50	70	126	" 16	30	50	70
92	E5 - 1	10	10	50	127	" 17	20	30	70
93	" 2	15	15	70	128	" 18	50	30	70
94	" 3	15	10	70	129	" 19	15	50	70
95	" 4	20	10	50	130	" 20	20	30	50
96	" 5	15	10	50	131	" 21	15	30	50
97	" 6	20	30	100	132	" 22	20	50	100

No.	Sample No.	Grade (ppm)			No.	Sample No.	Grade (ppm)		
		Cu	Pb	Zn			Cu	Pb	Zn
133	E6 - 23	20	30	100	168	E8 - 12	30	30	70
134	E7 - 1	30	30	100	169	" 13	50	15	50
135	" 2	20	15	70	170	" 14	20	70	70
136	" 3	50	30	100	171	" 15	20	30	50
137	" 4	50	20	100	172	" 16	20	20	70
138	" 5	20	15	100	173	" 17	15	20	70
139	" 6	30	20	100	174	" 18	70	70	100
140	" 7	50	50	100	175	" 19	20	50	100
141	" 8	70	20	70	176	" 20	15	30	70
142	" 9	70	50	100	177	" 21	15	20	70
143	" 10	20	20	100	178	" 22	30	30	70
144	" 11	30	20	100	179	" 23	20	10	70
145	" 12	50	30	100	180	E9 - 1	20	15	100
146	" 13	70	20	100	181	" 2	20	20	70
147	" 14	50	50	100	182	" 3	15	10	50
148	" 15	50	20	100	183	" 4	15	50	70
149	" 16	30	20	100	184	" 5	20	15	50
150	" 17	50	100	100	185	" 6	15	20	70
151	" 18	20	20	70	186	" 7	20	30	70
152	" 19	70	150	150	187	" 8	20	50	100
153	" 20	30	30	100	188	" 9	15	20	70
154	" 21	50	30	100	189	" 10	30	30	100
155	" 22	100	150	150	190	" 11	20	20	70
156	" 23	30	20	50	191	" 12	20	15	70
157	E8 - 1	15	10	50	192	" 13	20	20	70
158	" 2	15	10	50	193	" 14	150	30	100
159	" 3	15	10	70	194	" 15	15	20	100
160	" 4	15	10	70	195	" 16	50	60	150
161	" 5	15	10	30	196	" 17	50	50	150
162	" 6	20	15	70	197	" 18	15	15	70
163	" 7	15	20	50	198	" 19	10	15	100
164	" 8	20	30	50	199	" 20	15	30	100
165	" 9	30	30	70	200	" 21	20	20	100
166	" 10	20	50	50	201	" 22	20	15	100
167	" 11	50	70	100	202	" 23	30	30	100

No.	Sample No.	Grade (ppm)			No.	Sample No.	Grade (ppm)		
		Cu	Pb	Zn			Cu	Pb	Zn
203	E10 - 1	15	15	50	238	E11 - 13	20	15	70
204	" 2	30	15	100	239	" 14	50	20	50
205	" 3	50	50	70	240	" 15	50	30	100
206	" 4	30	20	70	241	" 16	50	20	70
207	" 5	20	20	100	242	" 17	70	15	100
208	" 6	20	15	70	243	" 18	50	50	100
209	" 7	20	15	50	244	" 19	70	70	100
210	" 8	20	30	70	245	" 20	30	50	70
211	" 9	15	15	100	246	" 21	50	20	150
212	" 10	20	20	70	247	" 22	100	20	100
213	" 11	20	20	70	248	" 23	30	70	150
214	" 12	30	15	50	249	E12 - 1	30	10	50
215	" 13	100	20	70	250	" 2	30	30	70
216	" 14	20	15	70	251	" 3	20	20	50
217	" 15	30	20	70	252	" 4	20	20	70
218	" 16	20	30	70	253	" 5	20	30	100
219	" 17	70	50	100	254	" 6	15	15	50
220	" 18	20	50	70	255	" 7	30	15	70
221	" 19	30	30	70	256	" 8	30	50	100
222	" 20	20	20	100	257	" 9	20	15	70
223	" 21	30	50	100	258	" 10	30	20	70
224	" 22	30	30	70	259	" 11	20	15	70
225	" 23	20	10	50	260	" 12	15	15	50
226	E11 - 1	50	30	100	261	" 13	30	15	70
227	" 2	20	15	50	262	" 14	20	15	50
228	" 3	30	50	100	263	" 15	20	15	50
229	" 4	20	20	70	264	" 16	20	15	50
230	" 5	20	15	50	265	" 17	70	30	100
231	" 6	20	15	50	266	" 18	50	50	150
232	" 7	15	30	70	267	" 19	30	15	100
233	" 8	15	15	20	268	" 20	20	15	70
234	" 9	20	20	100	269	" 21	20	20	100
235	" 10	100	30	70	270	" 22	15	20	70
236	" 11	50	50	100	271	" 23	20	30	100
237	" 12	100	100	100	272	E13 - 1	20	15	50

No.	Sample No.	Grade (ppm)			No.	Sample No.	Grade (ppm)		
		Cu	Pb	Zn			Cu	Pb	Zn
273	E13 - 2	20	10	30	308	E14 - 14	50	50	100
274	" 3	20	20	50	309	" 15	30	20	100
275	" 4	15	15	50	310	" 16	20	20	100
276	" 5	20	15	50	311	" 17	20	20	100
277	" 6	15	10	50	312	" 18	20	50	70
278	" 7	15	15	70	313	" 19	20	20	70
279	" 8	20	15	50	314	" 20	30	15	50
280	" 9	15	15	50	315	" 21	30	20	50
281	" 10	20	15	70	316	" 22	50	20	70
282	" 11	10	20	70	317	" 23	50	20	100
283	" 12	20	15	70	318	E15 - 1	50	15	50
284	" 13	10	10	30	319	" 2	70	20	70
285	" 14	30	30	50	320	" 3	30	10	70
286	" 15	50	30	70	321	" 4	70	15	70
287	" 16	30	20	50	322	" 5	20	20	100
288	" 17	30	15	50	323	" 6	30	15	50
289	" 18	50	15	70	324	" 7	50	15	70
290	" 19	30	10	50	325	" 8	100	30	100
291	" 20	50	30	100	326	" 13	150	20	70
292	" 21	30	20	70	327	" 14	70	50	150
293	" 22	50	15	50	328	" 15	50	70	100
294	" 23	30	15	50	329	" 16	70	50	100
295	E14 - 1	30	15	70	330	" 17	70	50	70
296	" 2	15	15	50	331	" 18	30	50	100
297	" 3	30	15	70	332	" 19	70	50	100
298	" 4	20	15	70	333	" 20	50	30	100
299	" 5	15	15	70	334	" 21	50	15	50
300	" 6	50	10	50	335	" 22	30	10	50
301	" 7	20	15	70	336	" 23	30	15	50
302	" 8	30	10	50	337	E16 - 1	20	15	50
303	" 9	20	20	70	338	" 2	20	15	70
304	" 10	100	20	70	339	" 3	30	30	100
305	" 11	50	15	70	340	" 4	20	20	70
306	" 12	70	20	100	341	" 5	20	10	50
307	" 13	70	15	70	342	" 6	50	30	100

No.	Sample No.	Grade (ppm)			No.	Sample No.	Grade (ppm)		
		Cu	Pb	Zn			Cu	Pb	Zn
343	E15 - 7	70	10	70	378	E18 - 3	70	20	70
344	" - 8	20	50	150	379	" 4	100	300	200
345	" 13	50	50	100	380	" 5	70	200	150
346	" 14	50	70	100	381	" 6	70	100	500
347	" 15	50	50	70	382	" 11	50	100	200
348	" 16	50	30	100	383	" 12	100	70	150
349	" 17	70	20	70	384	" 13	50	50	100
350	" 18	70	10	50	385	" 14	70	30	70
351	" 19	30	20	50	386	" 15	30	20	70
352	" 20	50	7	30	387	" 16	50	70	70
353	" 21	50	15	50	388	" 17	50	1000	100
354	" 22	50	10	50	389	" 18	30	70	100
355	" 23	50	15	70	390	" 19	30	100	200
356	E17 - 1	15	7	30	391	" 20	50	50	70
357	" 2	50	30	70	392	" 21	50	20	50
358	" 3	30	20	50	393	" 22	30	20	50
359	" 4	50	20	70	394	" 23	50	30	100
360	" 5	50	20	70	395	E19 - 1	30	10	70
361	" 6	50	30	70	396	" 2	50	20	100
362	" 7	50	20	100	397	" 3	50	50	100
363	" 8	1000	500	1500	398	" 4	30	150	150
364	" 12	70	50	70	399	" 5	50	200	150
365	" 13	50	30	70	400	" 11	30	100	100
366	" 14	30	30	70	401	" 12	50	200	150
367	" 15	150	20	100	402	" 13	50	50	100
368	" 16	70	30	70	403	" 14	50	70	100
369	" 17	70	7	30	404	" 15	50	30	100
370	" 18	70	10	50	405	" 16	70	200	200
371	" 19	50	15	70	406	" 17	30	50	70
372	" 20	30	10	50	407	" 18	50	15	70
373	" 21	100	10	70	408	" 19	20	15	70
374	" 22	70	200	150	409	" 20	20	15	70
375	" 23	70	20	70	410	" 21	20	50	100
376	E18 - 1	30	15	50	411	" 22	20	15	50
377	" 2	20	10	50	412	" 23	20	10	50

Table A-9-2 Results of Cu, Pb and Zn Chemical Analysis
of Soil Samples in Erdouz Sector (Phase I)

No.	Sample No.	Grade (ppm)			No.	Sample No.	Grade (ppm)		
		Cu	Pb	Zn			Cu	Pb	Zn
1	DR - 72	220	1280	2600	32	DK - 69	76	328	620
2	" 73	130	1160	2400	33	" 70	46	264	320
3	" 74	140	1080	2800	34	" 71	52	352	480
4	" 75	210	1160	4200	35	" 72	102	1760	1740
5	" 76	640	2400	21600	36	" 73	82	2640	3200
6	" 77	240	640	2200	37	" 74	56	1480	1520
7	" 78	1050	188	900	38	" 75	50	276	450
8	" 79	195	368	2000	39	" 76	39	264	380
9	" 80	50	84	250	40	" 77	44	276	350
10	" 81	59	108	320	41	" 78	50	352	400
11	" 82	69	76	340	42	" 79	61	124	192
12	" 83	90	180	420	43	" 80	48	608	240
13	" 84	240	460	2300	44	" 81	39	80	136
14	" 85	150	640	2700	45	" 82	31	88	144
15	" 86	110	660	2080	46	" 83	32	84	140
16	" 87	100	600	1640	47	" 84	29	116	178
17	" 88	200	1160	2400	48	" 85	32	56	130
18	" 89	260	960	6600	49	" 86	46	80	128
19	" 90	134	360	1540	50	" 87	47	56	108
20	" 91	86	120	420	51	DR - 42	300	32	98
21	" 92	380	92	520	52	" 43	215	36	112
22	" 93	130	84	260	53	" 44	185	72	250
23	" 94	94	76	320	54	" 45	54	84	230
24	" 95	53	84	380	55	" 46	2700	3120	22400
25	DK - 62	370	7000	16400	56	" 47	71	184	940
26	" 63	420	12600	22000	57	" 48	135	152	1780
27	" 64	340	3680	7800	58	" 49	88	88	1920
28	" 65	290	3520	8400	59	" 50	78	28	600
29	" 66	420	780	2600	60	" 51	105	44	120
30	" 67	230	1400	2700	61	" 52	180	48	146
31	" 68	370	8400	3900	62	" 53	88	44	160

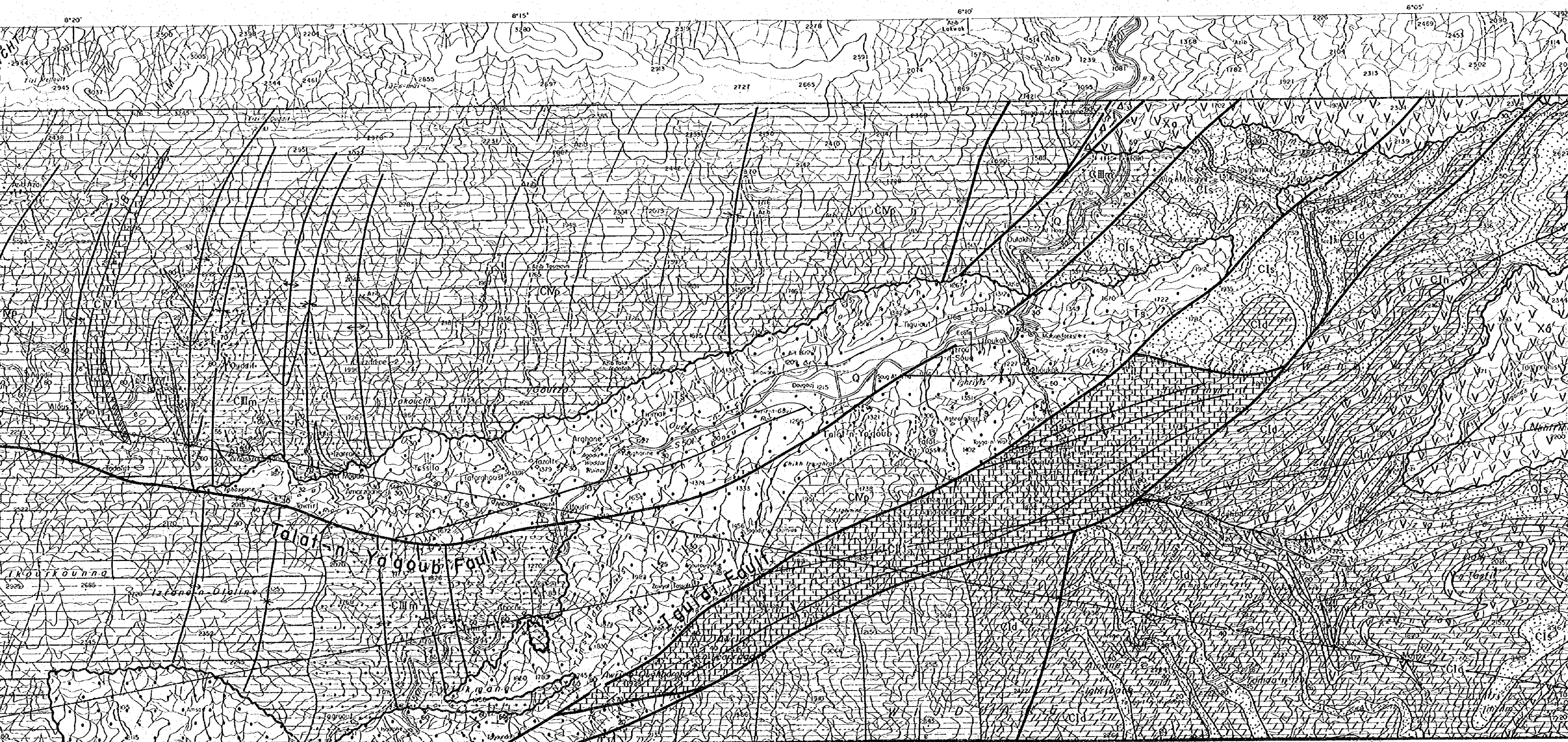
No.	Sample No.	Grade (ppm)			No.	Sample No.	Grade (ppm)		
		Cu	Pb	Zn			Cu	Pb	Zn
63	DR - 54	35	32	108					
64	" 55	59	48	240					
65	" 56	145	216	860					
66	" 57	62	80	660					
67	" 58	77	28	210					
68	" 59	46	32	156					
69	" 60	63	40	140					
70	" 61	130	60	180					
71	" 62	76	36	130					
72	" 63	56	32	84					
73	" 64	43	36	90					
74	" 65	78	28	86					
75	" 66	220	72	230					
76	" 67	210	28	102					
77	" 68	150	28	114					
78	DK - 43	79	216	680					
79	" 44	69	740	1000					
80	" 45	86	440	1300					
81	" 46	82	376	1220					
82	" 47	73	408	1140					
83	" 48	50	76	320					
84	" 49	70	80	300					
85	" 50	100	76	300					
86	" 51	51	124	500					
87	" 52	44	36	88					
88	" 53	48	32	94					
89	" 54	47	36	114					
90	" 55	39	40	148					
91	" 56	72	112	460					
92	" 57	58	76	340					
93	" 58	49	60	164					
94	" 59	62	48	200					
95	" 60	75	52	180					
96	" 61	57	44	172					

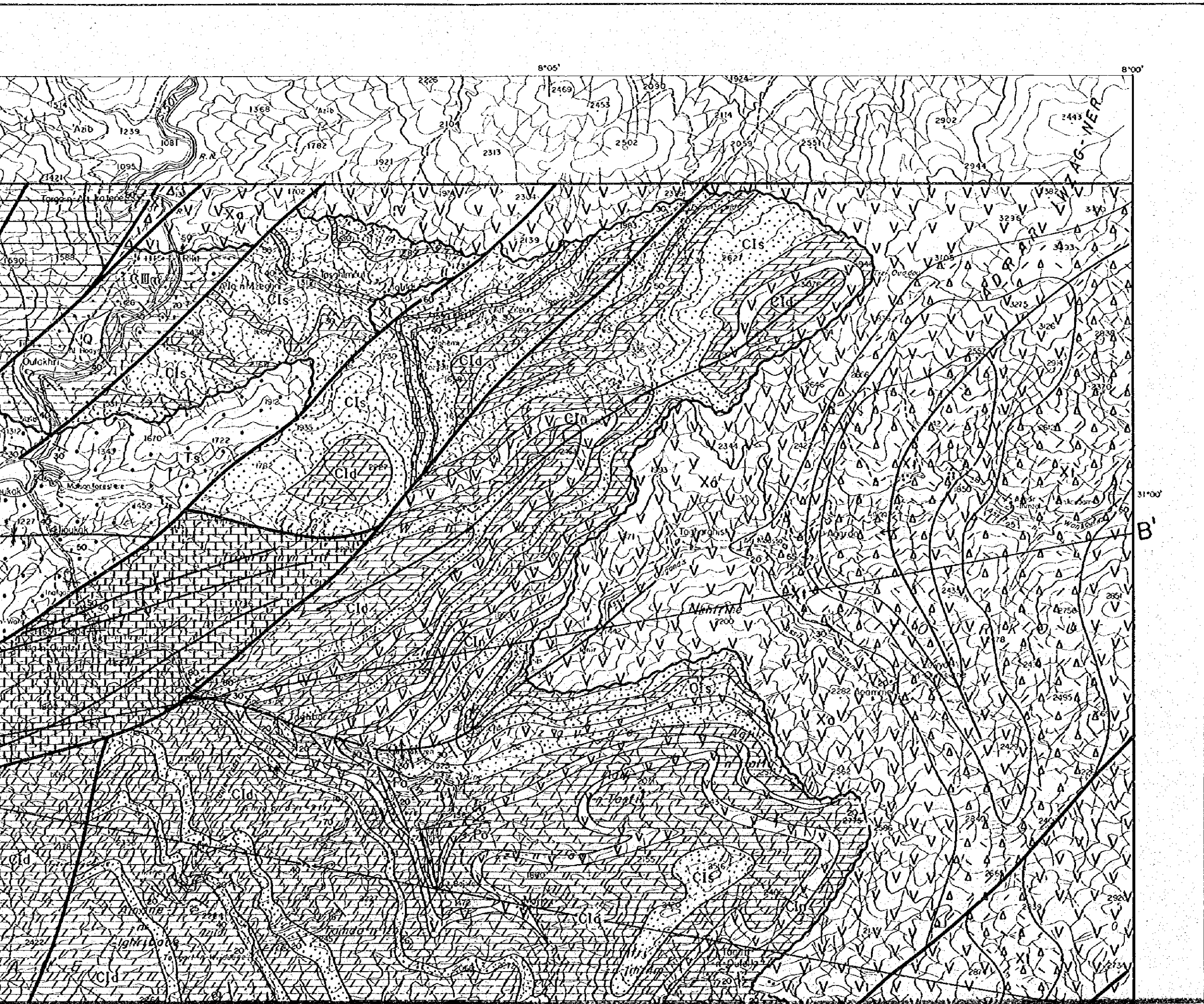
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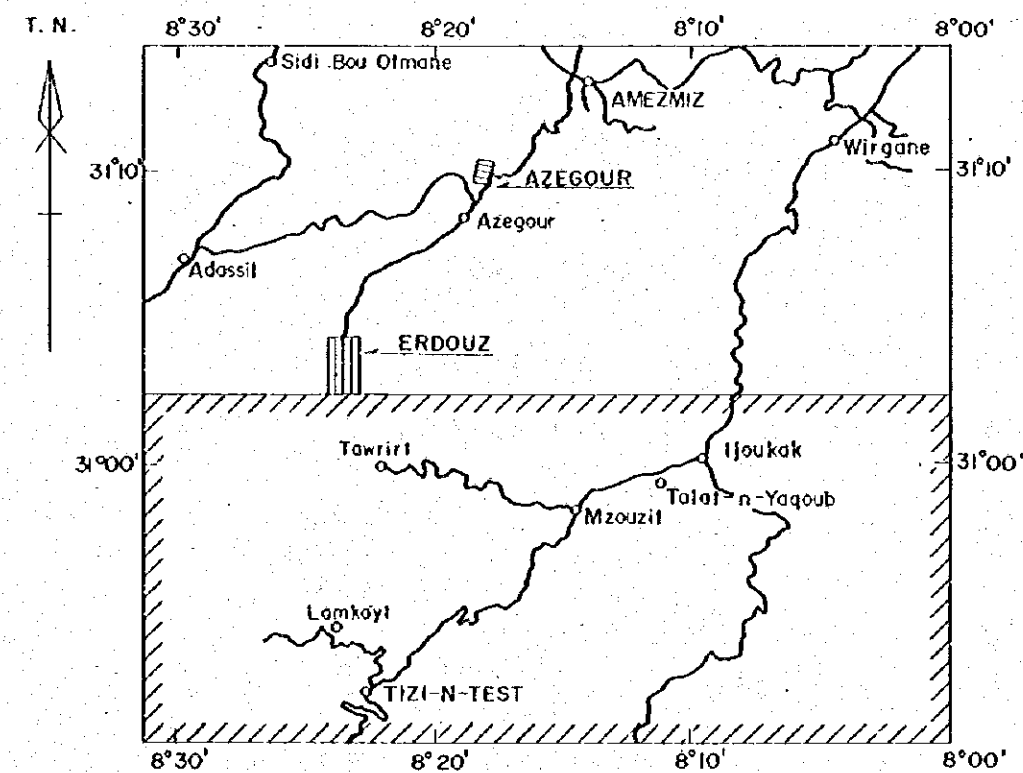


国際協力事業団
11637
図書資料室蔵書

PL. I - 1

GEOLOGICAL SURVEY
OF
HAUT ATLAS OCCIDENTAL AREA, MOROCCO
(PHASE II)

GEOLOGICAL MAP OF
SOUTHERN AREA



JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
FEBRUARY 1985
Prepared by MINDECO



Scale 1 : 50,000

