

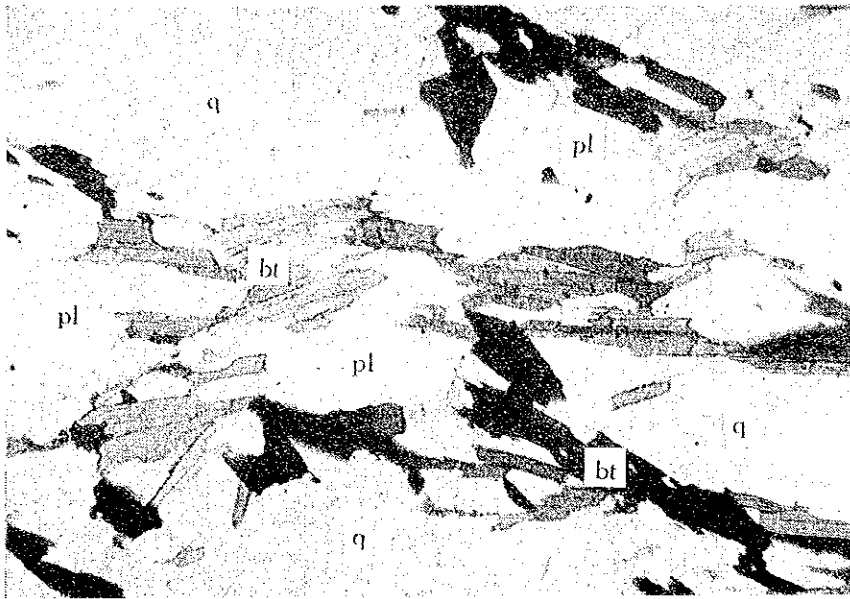
# APPENDICES



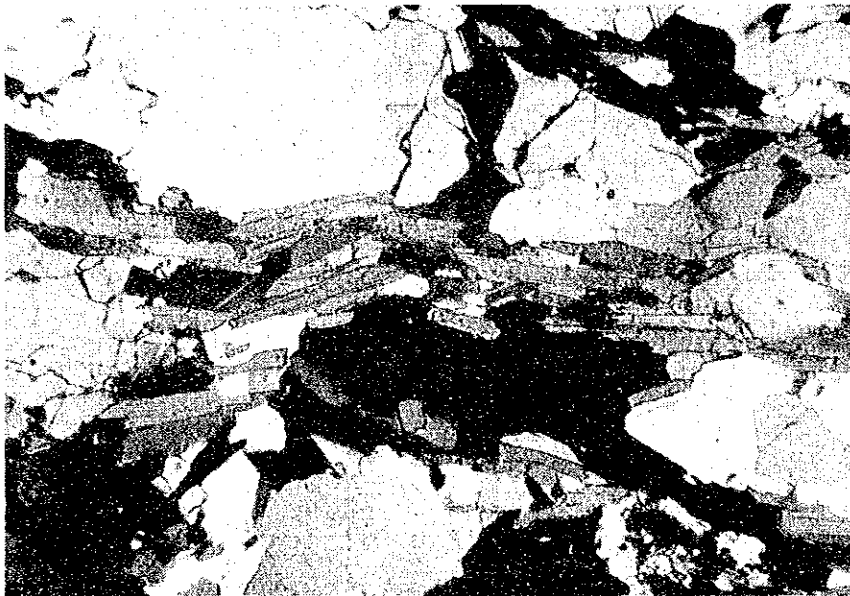
PHOTO A-1 MICROPHOTOGRAPH OF THIN SECTION

ABBREVIATIONS

q : quartz  
kf : potash feldspar  
pl : plagioclase  
bt : biotite  
mus : muscovite  
hb : hornblende  
di : diopside  
ol : olivine  
act : actinolite  
gt : garnet  
ep : epidote  
zo : zoisite  
chl : chlorite  
ant : antigolite  
sp : sphene  
st : staurolite  
ca : calcite  
ap : apatite  
cr : chromite  
op : opaque mineral  
ky : kyanite  
woll : wollastonite



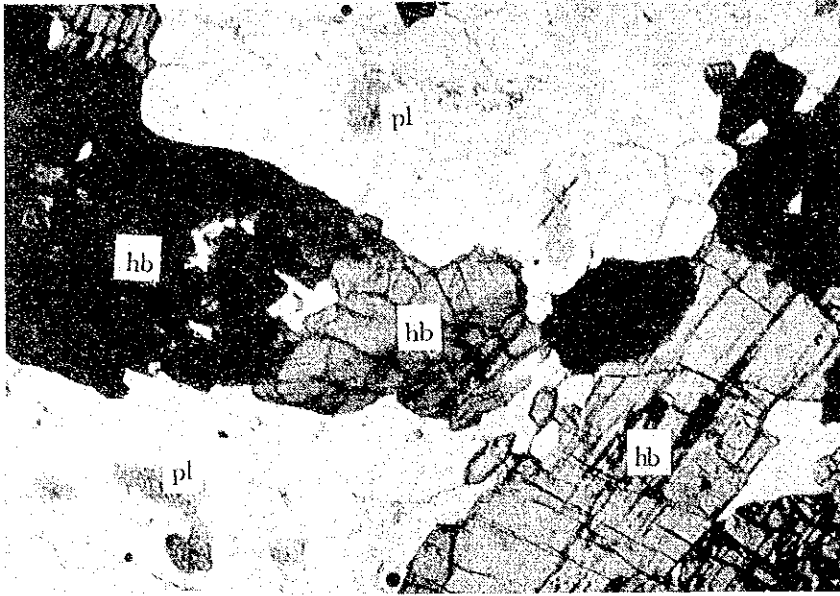
Nicols not crossed



Nicols crossed

0 0.5 1 mm

Sample No. : BR 231'  
Location : X=762 Y=114  
Rock name : Migmatitic biotite gneiss  
Formation : M-I



Nicols not crossed



Nicols crossed

0 0.5 1 mm

Sample No. : BR 228'  
Location : X=767 Y=112  
Rock name : Hornblende gneiss  
Formation : M-I



Nicols not crossed

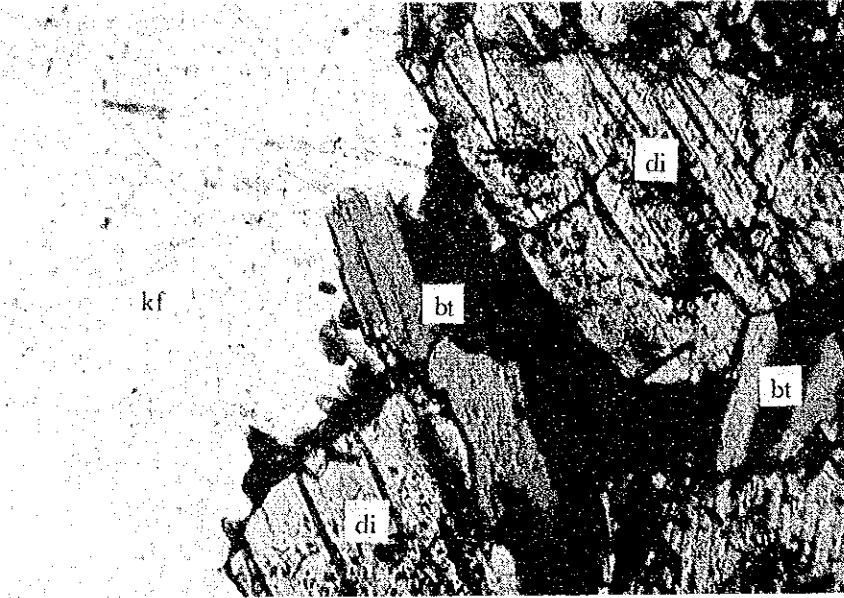


Nicols crossed

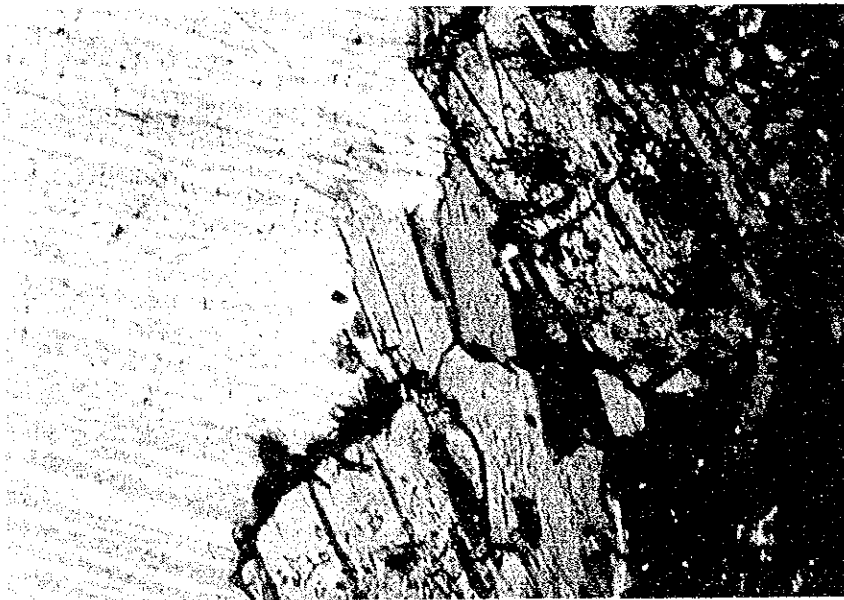
0 0.5 1 mm

Sample No. : WR-218  
 Location : X=777 Y=129  
 Rock name : Garnet -kyanite-  
                   diopside gneiss  
 Formation : M-I





Nicols not crossed



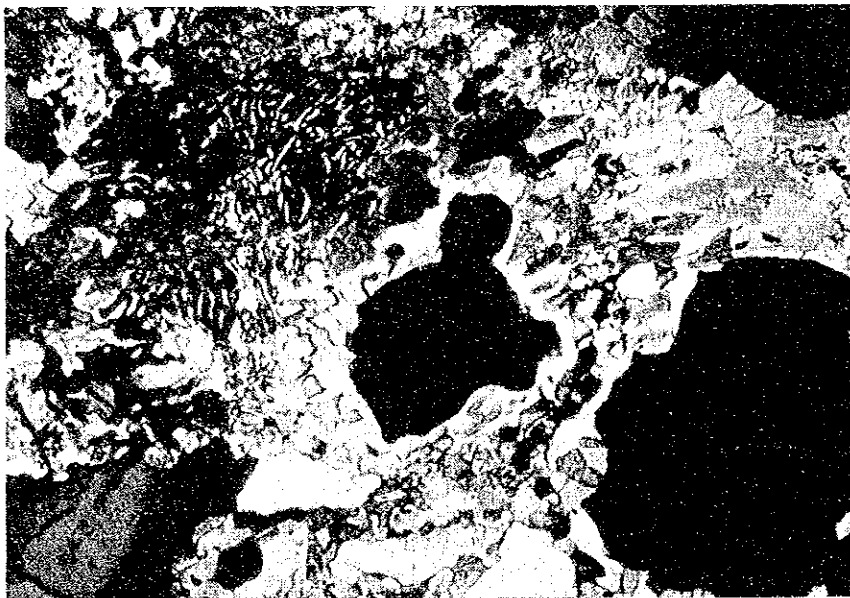
Nicols crossed

0 0.5 1 mm

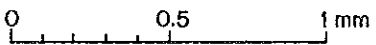
Sample No. : CR-131  
Location : X=763 Y=130  
Rock name : Potash feldspar -diopside-  
biotite rock  
Formation : M-II



Nicols not crossed

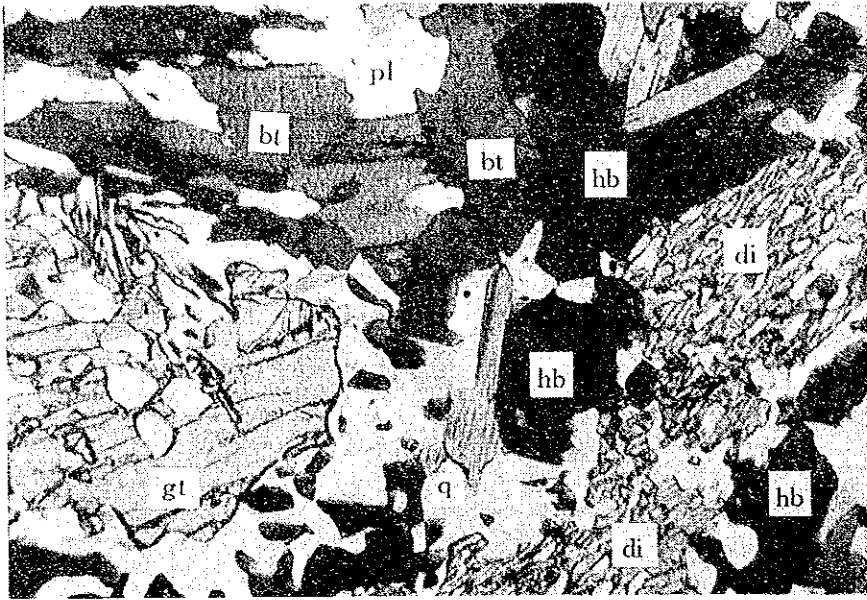


Nicols crossed



Sample No. : BR-246  
Location : X=754 Y=125  
Rock name : Garnet -hornblende granulite  
Formation : M-I





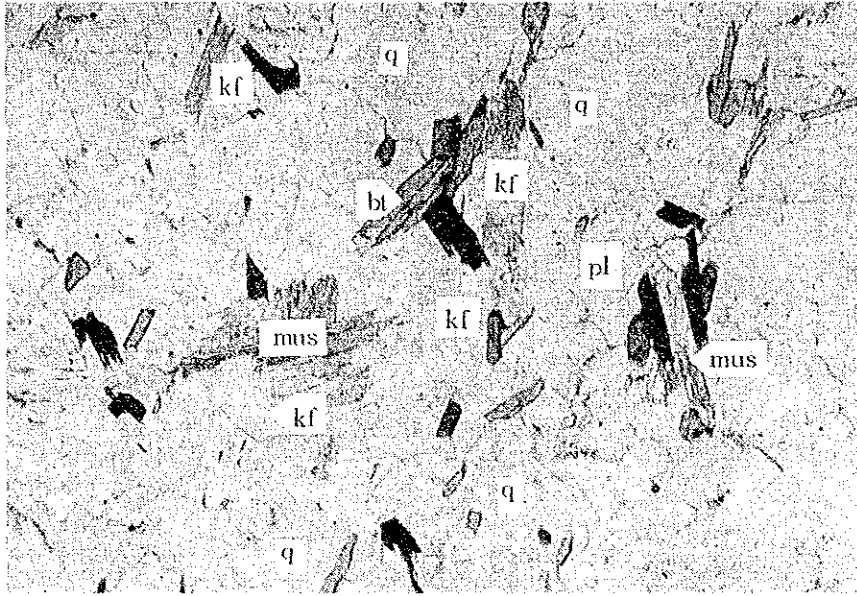
Nicols not crossed



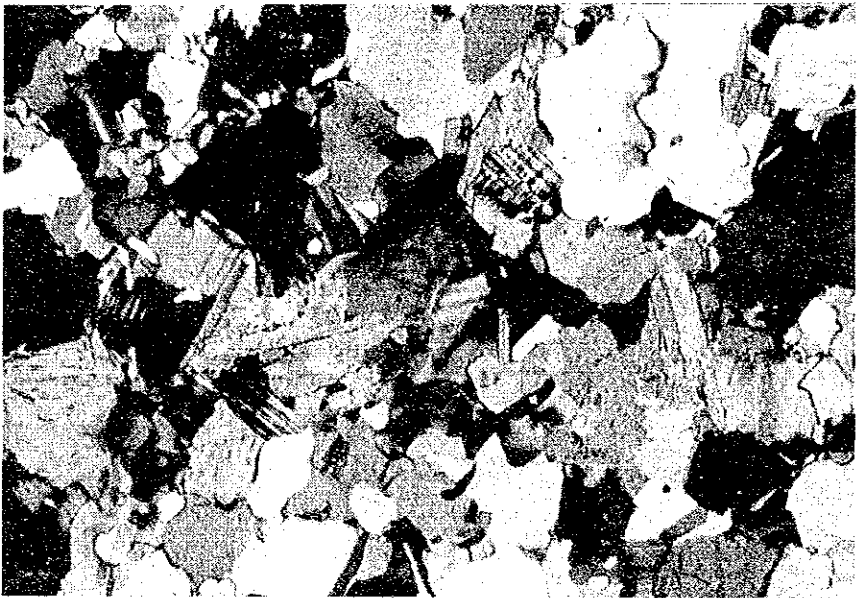
Nicols crossed

0 0.5 1 mm

Sample No. : CR-120  
 Location : X=760 Y=117  
 Rock name : Garnet -hornblende-  
                   diopside granulite  
 Formation : M-I



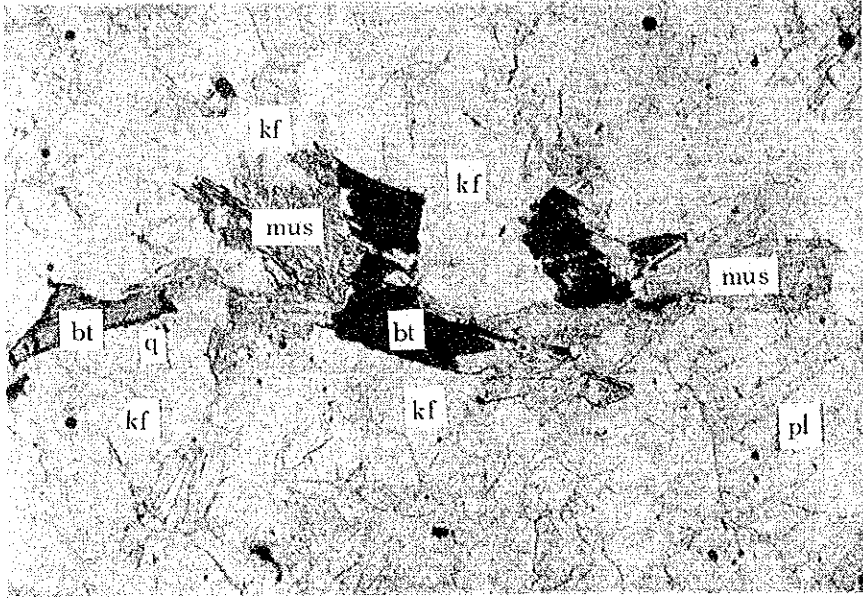
Nicols not crossed



Nicols crossed

0 0.5 1mm

Sample No. : WR-216  
Location : X=774 Y=130  
Rock name : Microgranite



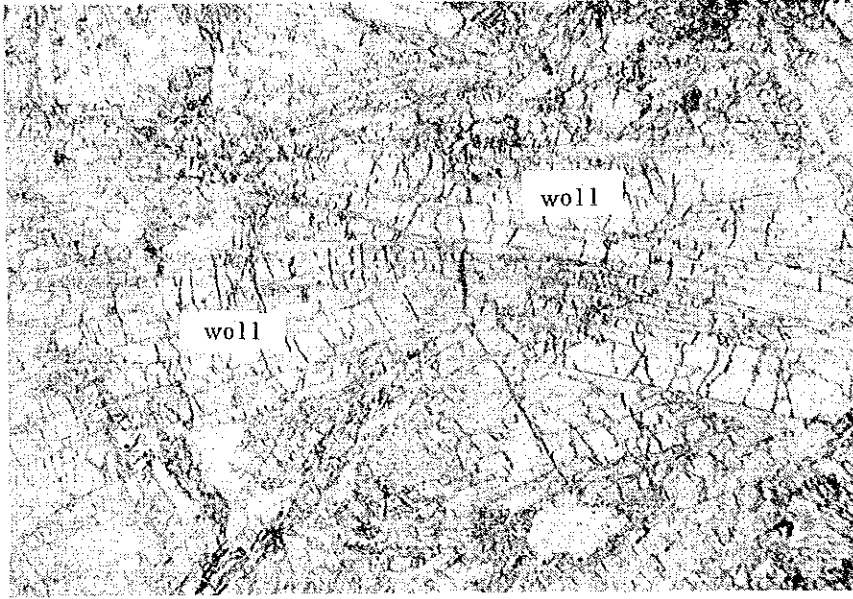
Nicols not crossed



Nicols crossed

0 0.5 1 mm

Sample No. : CR-146  
Location : X=771 Y=132  
Rock name : Migmatitic two mica  
microgranite



Nicols not crossed



Nicols crossed

0 0.5 1 mm

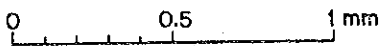
Sample No. : WR-215'  
Location : X=771 Y=137  
Rock name : Wollastonite rock (skarn)



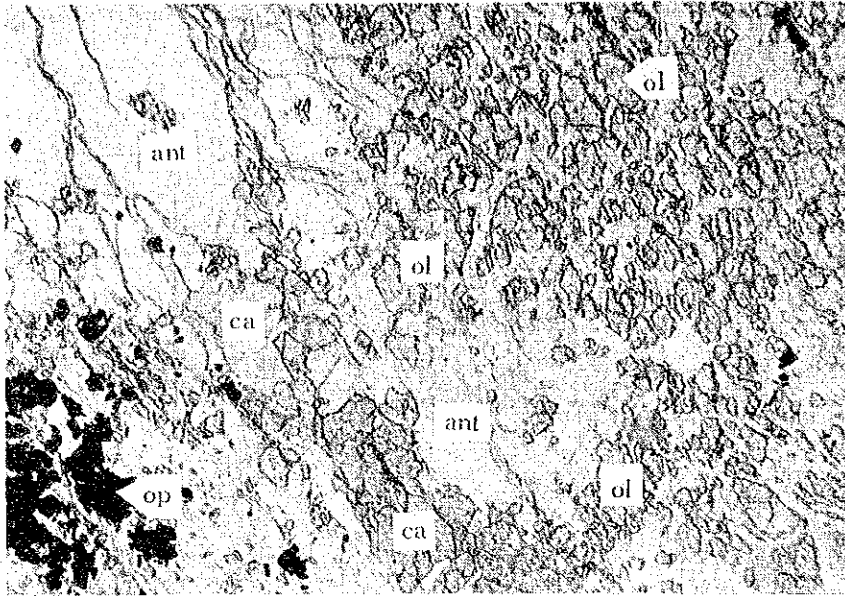
Nicols not crossed



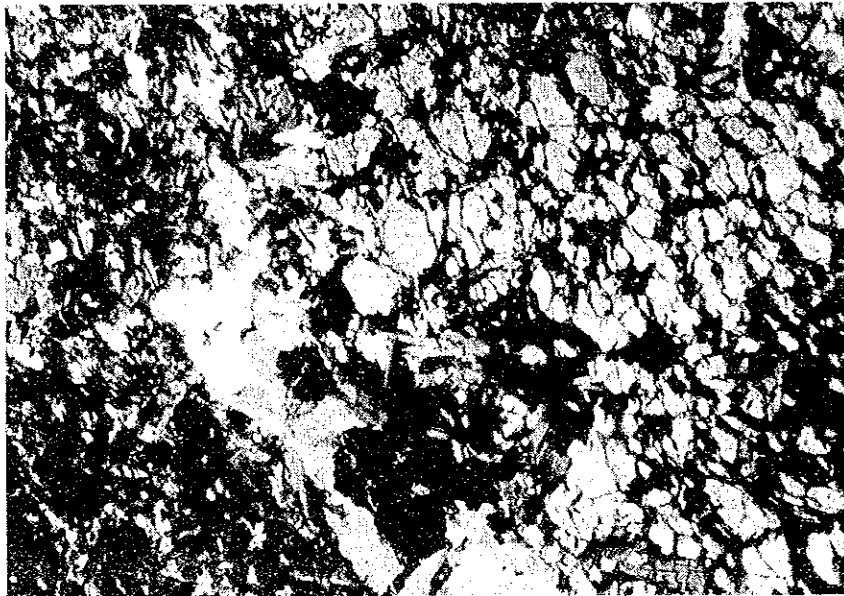
Nicols crossed



Sample No. : WR-10  
Location : X=766 Y=178  
Rock name : Garnet - hornblende -  
quartz schist  
Rock name : M-IV



Nicols not crossed



Nicols crossed

0 0.5 1 mm

Sample No. : WR-137

Location : X=766 Y=176

Rock name : Serpentinized dunite



PHOTO A-2 MICROPHOTOGRAPH OF POLISHED SECTION

ABBREVIATIONS

Au : native gold

cr : chromite

mg : magnetite

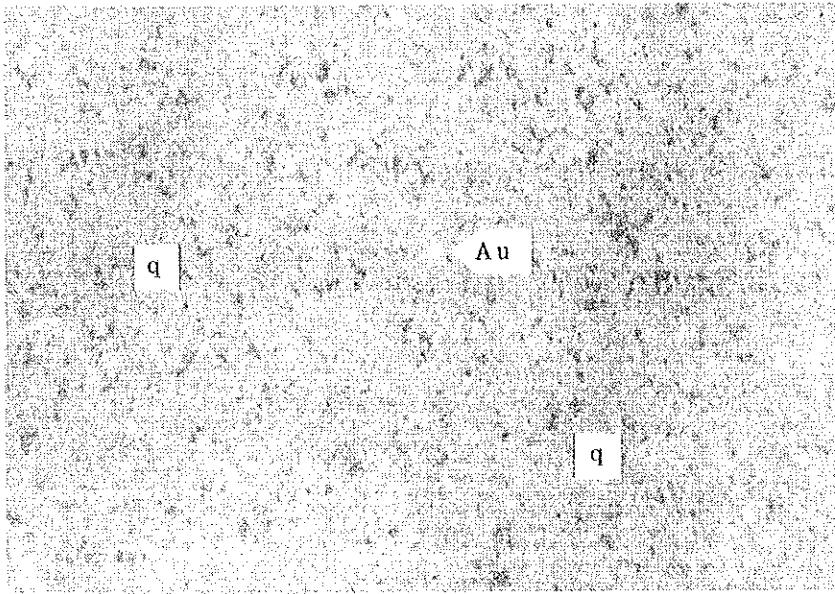
hem : hematite

goe : goethite

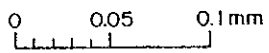
q : quartz

sp : serpentine

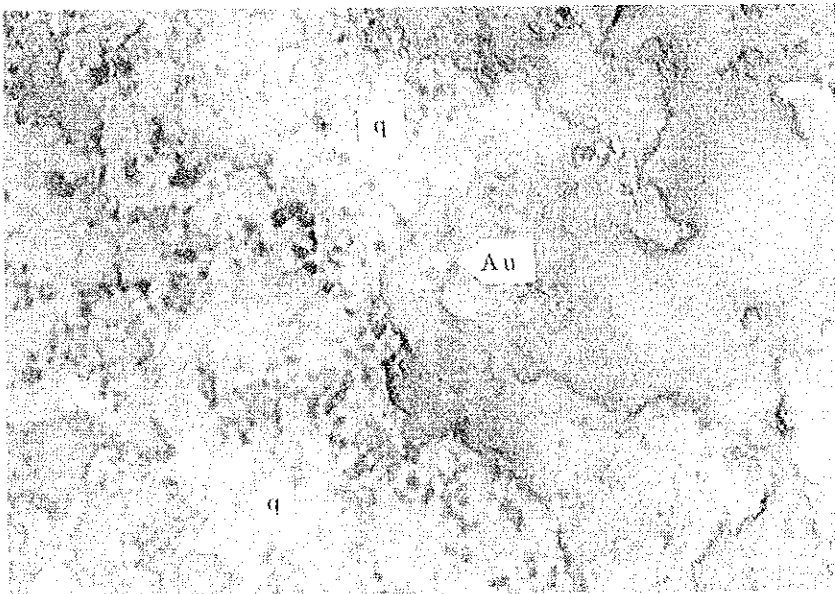
lim : limonite



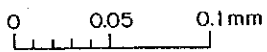
Reflected light  
Nicols not crossed



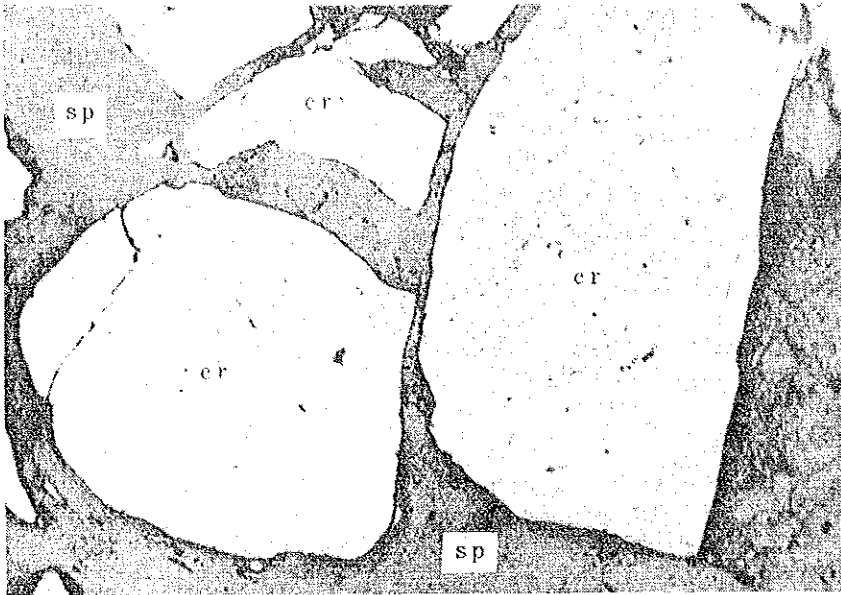
Sample No. : CR-22  
Location : X=766, Y=176 (Telot)  
Ore name : Gold-bearing  
quartz vein



Reflected light  
Nicols not crossed



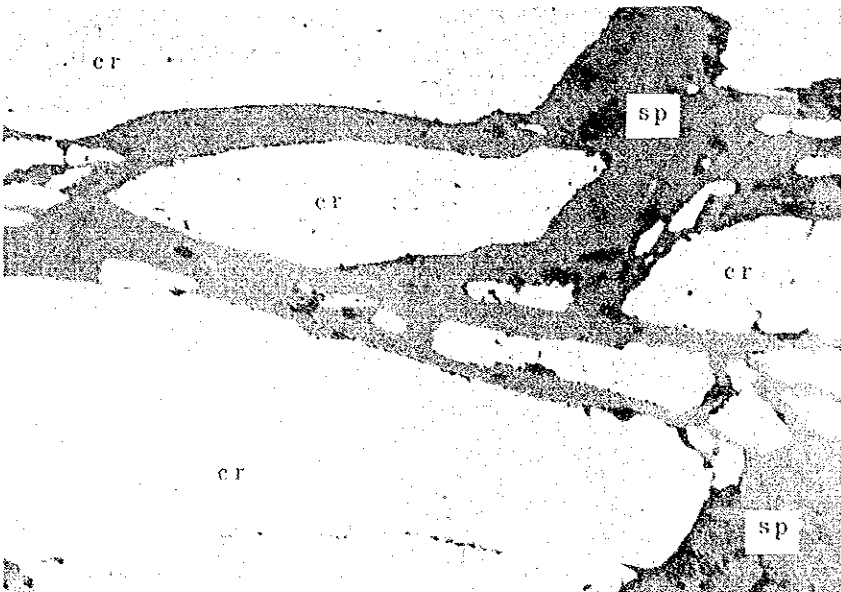
Sample No. : CR-135B  
Location : X=771, Y=137  
Ore name : Gold-bearing  
quartz vein



Reflected light  
Nicols not crossed

0 0.1 0.2mm

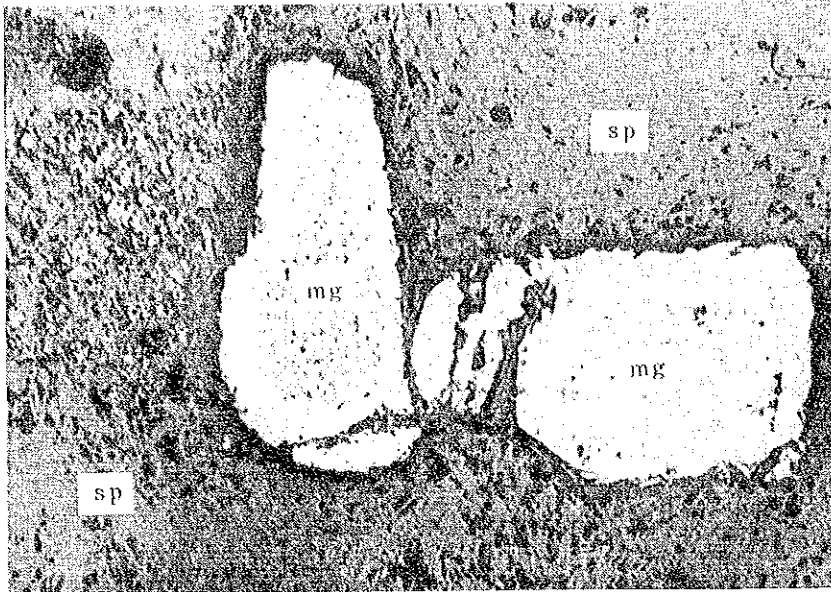
Sample No. : CR-90  
Location : X=766, Y=177 (Telot)  
Ore name : Spotted chromite ore



Reflected light  
Nicols not crossed

0 0.1 0.2mm

Sample No. : WR-13  
Location : X=766, Y=177 (Telot)  
Ore name : Massive chromite ore



Reflected light  
 Nicols not crossed

0 0.1 0.2mm

Sample No. : WR-177  
 Location : X=766, Y=176 (Telot)  
 Ore name : chromite and magnetite  
 bearing serpentinite



Reflected light  
 Nicols not crossed

0 0.1 0.2mm

Sample No. : WR-211  
 Location : X=772, Y=134  
 Ore name : Bog iron ore

Table.A-1 Microscopic Observations (Thin Section)

Abbreviations for List of Microscopic Observations

I. Symbol

- ⊙ abundant
- common
- △ rare
- + very rare

II. Rock Name

Amph	Amphibolite
Gns	Gneiss
Gr	Granite
Grd	Granodiorite
Grnl	Granulite
Micgr	Microgranite
pd	Peridotite
Sch	Schist
Serp	Serpentinite

III. Adjective

Serpnz Serpentinized

IV. Geological Unit

I	Mozambique Belt Rocks	M - I	Formation
II	ditto	M - II	ditto
III	ditto	M - III	ditto
IV	ditto	M - IV	ditto
Int	Intrusive Rocks		

V. Mineral Name

Qz	Quartz	Zo	Zoisite
Kf	Potash Feldspar	Clz	Clinozoisite
Pl	Plagioclase	Ap	Apatite
Bio	Biotite	Ky	Kyanite
Mus	Muscovite	Sta	Staurolite
Hb	Hornblende	Ves	Vesuvianite
Tm	Tremolite	Woll	Wollastonite
Di	Diopside	Tl	Tourmaline
Ol	Olivin	Chl	Chlorite
Ga	Garnet	Ant	Antigorite
Ep	Epidote	Cal	Calcite

Table A-1 Microscopic Observations of Thin Sections  
 — Regional Survey Area —

Sample #	Location		Rock Name	Geol. Unit	Texture	Minerals														Remarks			
	X	Y				Qz	Kf	Pl	Bio	Mus	Hb	Di	Ga	Ep	Zo	Ciz	Ap	Ky	Sta		Ves	Woll	Ti
BR 231'	762	114	Bio Gns	I	Blastoporphyrific Gneissose	⊙	○	○	○			△			△							△	Migmatitic
WR 206	774	128	Ca-Ky-Mus Gns	II	Gneissose	⊙	○	△	○						○	△				+		△	
BR 228'	767	112	Hb Gns	I	Granulitic mosaic	○	△	○	⊙			△										△	
WR 218	777	129	Ca-Ky-Di Gns	I	Gneissose	⊙	△	△	⊙														Porphyroblast: Ca
BR 244	-	-	Ep-Amph Rock		Gneissose	○	○	○	○													△	
CR 131	763	130	Kf-Di-Bio Rock	I	Idioblastic		⊙	○	⊙						○							△	Kf is perthite
WR 212	772	134	Sta-Di-Mus - Iron Rock	II	Granular	○		○	⊙													○	
WR 222	761	114	Hb Grnl	I	Granular	⊙	○	○	○			△											
WR 227	758	119	Ca-Hb Grnl	I	Granular	⊙	○	○	○													△	Porphyroblast: Ga, Hb
BR 246	754	125	Ca-Hb Grnl	I	Granular Symplectite	○	○	○	⊙													△	Alla: Allanite
CR 120	760	117	Ca-Hb-Di Grnl	I	Granular	○	○	○	⊙													△	
CR 133	768	133	Ca-Sta Grnl	II	Porphyroblastic																		
WR 205	774	128	Aplitic Gr	Int	Gneissose	⊙	○	○	△													△	Migmatitic
WR 215	773	133	Aplite	Int	Cataclastic Mosaic	⊙	○	○															
WR 216	774	130	Miegr	Int	Equigranular	⊙	○	○	△													△	
CR 105	767	128	Two Mica Miegr	Int	Equigranular	⊙	○	○	△													△	Migmatitic
CR 116	775	137	Two Mica Miegr	Int	Equigranular	⊙	○	○	△													△	Ti: Titanite
CR 141	770	134	Two Mica Miegr	Int	Equigranular	⊙	○	○	△														
CR 146	771	132	Two Mica Miegr	Int	Granular	⊙	○	○	△														
CR 111	773	137	Hb Bt Grd	Int	Granitic	⊙	△	⊙														△	
WR 215'	771	137	Wollastonite Rock	-	Fibrous	△																⊙	Skarn
CR 135	771	137	Limonitized Clissey Rock	-	Pelitic	⊙																	Lim Ser Lim: Limonite Ser: Sericite





Table A-2 Microscopic Observations (Polished Section)

Area	Sample No.	Coordinates		Name of Ore Deposit or Prospect	Ore Name	Occurrence	Ore Mineral							Remarks					
		X	Y				Au	py	cp	il	cr	mg	hem		goe	lim			
Regional Survey Area	CR-134	771	137	-	Au ore?	silicified rock										△			
	CR-134B	771	137	-	do.	quartz veinlet					△	•					Hem replaces mg.		
	CR-135B	771	137	-	do.	do.		•	•		△						Au φ < 7 μm		
	CR-117	776	135	-	bog iron ore	sedimentary										⊙	partly colloform		
	WR-211	772	134	-	do.	do.									△	⊙	goe in lim veinlet colloform texture		
	WR-206	774	127	-	skarn?	-		•				△							
	WR-212	772	133	-	do.	-				△		△	△					Il and hem form exsolution lamellar.	
	WR-214	772	133	-	do.	-				△		△	△					do.	
	CR-22	766	176	Telot Au deposit	Au Ore?	agate vein.		•											Au φ < 6 μm
	CR-90	766	177	Telot Cr deposit	spotted cr ore	float					⊙								cataclastic
CR-94	767	177	do.	semi massive cr ore	float					⊙		•						do.	
WR-13	766	177	do.	massive cr ore	float					⊙								magnetic	
WR-79	766	175	-	magnetite-bearing serpentinite	-							○	•						
WR-81	766	177	-	do.	-														
WR-177	766	176	-	do.	-									⊙				Hem replaces mg along the rim and cracks.	

Abbreviations Au: native gold py: pyrite cp: chalcopyrite cr: chromite mg: magnetite  
hem: hematite goe: goethite lim: limonite il: ilmenite  
⊙: abundant ○: common △: a little •: rare

Table A-3 Results of X-Ray Diffractive Analysis

Sample No.	Location*	Sample	Purpose of Identification	Identified minerals
WR-41	Telot O-12	Grey fresh serpentinite	Serpentine mineral	Antigolite (as serpentine mineral), olivine, chromite pyroaurite
WR-81	Telot L-14 Trench	Weathered serpentinite	Mineral assemblage	Antigolite, olivine, chromite
		Green veinlets in weathered serpentinite above	Ni-mineral and clay mineral	Illite, illite and montmorillonite mixed-layer minerals, antigolite (or garnierite)
WR-83	ditto	Weathered serpentinite	ditto	Antigolite, montmorillonite, quartz, (garnierite?)
WR-85	ditto	ditto	ditto	Antigolite, montmorillonite, quartz, chlomite, (garnierite?)
WR-126	Telot L-14 pit	ditto	ditto	Antigolite, chromite, montmorillonite, (garnierite?)
WR-182	Telot K-12* K-13	Weathered earthy serpentinite	ditto	Antigolite, montmorillonite, (garnierite?)
CR-85	Telot Y-14 pit	Weathered serpentinite	ditto	Antigolite, (garnierite?)
CR-25	Telot U-18	Quartz vein	Clay mineral	Talc, quartz
CR-134B	Regional Survey Area X:771, Y-137	Silicified rock	Clay mineral	Talc, quartz
CR-134	ditto	Limonite nodule	Iron-Oxide	Quartz, goethite, kaolinite
WR-211	Regional Survey Area X:772, Y:134	Limonite nodule	Iron-Oxide	Goethite, kaolinite

Table. A-4 Result of Chemical Analysis (Rock)

Sample No		WR-216	CR-141	CR-146	WR-21	WR-137
Rock Name		Microgranite	Two Mica Microgranite	Two Mica Microgranite	Serpentinite	Serpentinite
Co-ordinate		774-130	770-134	771-132	765-177	766-176
Chemical Composition	SiO <sub>2</sub>	72.84	73.05	72.11	41.78	37.08
	TiO <sub>2</sub>	0.15	0.05	0.03	0.01	<0.01
	Al <sub>2</sub> O <sub>3</sub>	14.22	15.09	15.15	1.28	0.09
	Fe <sub>2</sub> O <sub>3</sub>	0.22	0.19	0.23	2.65	4.12
	FeO	1.08	0.64	0.55	2.72	2.18
	MnO	0.02	0.01	<0.01	0.08	0.09
	MgO	0.24	0.10	0.19	39.36	44.43
	CaO	1.23	1.17	1.26	0.06	0.07
	Na <sub>2</sub> O	3.92	4.67	3.97	0.01	0.02
	K <sub>2</sub> O	3.95	4.30	4.53	0.10	0.10
	P <sub>2</sub> O <sub>5</sub>	0.02	0.02	<0.01	0.06	0.05
	BaO	0.22	0.10	0.08	<0.01	<0.01
	SrO	0.03	0.04	0.04	<0.01	<0.01
	ZrO <sub>2</sub>	0.02	<0.01	0.01	<0.01	<0.01
	LOI	-0.10	0.20	0.10	11.69	11.49
	Total		98.18	99.63	98.25	99.80
C.I.P.W. Norm	q	31.08	26.27	28.29	-	-
	or	23.34	25.40	26.76	0.56	0.56
	ab	33.17	39.51	33.59	-	-
	an	6.42	5.97	6.40	0.28	-
	C	1.14	0.56	1.37	-	-
	di-wo	-	-	-	-	0.12
	di-en	-	-	-	-	0.10
	di-fs	-	-	-	-	-
	hy-en	0.60	0.25	0.47	31.62	3.21
	hy-fs	1.57	0.95	0.75	3.17	0.26
	ol-fo	-	-	-	45.73	75.20
	ol-fa	-	-	-	4.89	8.25
	mt	0.32	0.28	0.33	-	-
	il	0.30	0.09	0.08	-	-
	ap	0.05	0.05	-	-	-
sp	-	-	-	1.56	-	
Total		97.98	99.34	98.05	87.81	87.80
100-MgO/MgO+Total FeO		15.81	10.98	20.06	88.51	88.29

Table A-5 Result of Chemical Analysis (Geochemical Samples)

LIST OF GEOCHEMICAL SAMPLES  
REGIONAL SURVEY AREA

LIST OF GEOCHEMICAL SAMPLES  
REGIONAL SURVEY AREA

SER. NO.		SAMPLE NO.		CO-ORDINATE		AU PPM	CU PPM	ZN PPM	F PPM	CR PPM
1	1	1	1	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	2	1	2	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	3	1	3	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	4	1	4	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	5	1	5	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	6	1	6	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	7	1	7	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	8	1	8	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	9	1	9	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	10	1	10	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	11	1	11	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	12	1	12	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	13	1	13	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	14	1	14	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	15	1	15	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	16	1	16	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	17	1	17	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	18	1	18	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	19	1	19	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	20	1	20	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	21	1	21	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	22	1	22	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	23	1	23	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	24	1	24	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
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1	28	1	28	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	29	1	29	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	30	1	30	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	31	1	31	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	32	1	32	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	33	1	33	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	34	1	34	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	35	1	35	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	36	1	36	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	37	1	37	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	38	1	38	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	39	1	39	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	40	1	40	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	41	1	41	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	42	1	42	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	43	1	43	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	44	1	44	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	45	1	45	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	46	1	46	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	47	1	47	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	48	1	48	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	49	1	49	774	774	0000000000	1000000000	0000000000	1000000000	0000000000
1	50	1	50	774	774	0000000000	1000000000	0000000000	1000000000	0000000000





LIST OF GEOCHEMICAL SAMPLES  
REGIONAL SURVEY AREA

SER. NO.	SAMPLE NO.	CO-ORDINATE X	CO-ORDINATE Y	AU PPM	CU PPM	ZN PPM	F PPM	CR PPM
0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000

LIST OF GEOCHEMICAL SAMPLES  
REGIONAL SURVEY AREA

SER. NO.	SAMPLE NO.	CO-ORDINATE X	CO-ORDINATE Y	AU PPM	CU PPM	ZN PPM	F PPM	CR PPM
0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000

LIST OF GEOCHEMICAL SAMPLES  
REGIONAL SURVEY AREA

SER. NO.	SAMPLE NO.	CO-ORDINATE X	CO-ORDINATE Y	AU PPM	CU PPM	ZN PPM	F PPM	CR PPM
1	1	7507	7507	00000000	00000000	00000000	00000000	00000000
2	2	7507	7507	00000000	00000000	00000000	00000000	00000000
3	3	7507	7507	00000000	00000000	00000000	00000000	00000000
4	4	7507	7507	00000000	00000000	00000000	00000000	00000000
5	5	7507	7507	00000000	00000000	00000000	00000000	00000000
6	6	7507	7507	00000000	00000000	00000000	00000000	00000000
7	7	7507	7507	00000000	00000000	00000000	00000000	00000000
8	8	7507	7507	00000000	00000000	00000000	00000000	00000000
9	9	7507	7507	00000000	00000000	00000000	00000000	00000000
10	10	7507	7507	00000000	00000000	00000000	00000000	00000000
11	11	7507	7507	00000000	00000000	00000000	00000000	00000000
12	12	7507	7507	00000000	00000000	00000000	00000000	00000000
13	13	7507	7507	00000000	00000000	00000000	00000000	00000000
14	14	7507	7507	00000000	00000000	00000000	00000000	00000000
15	15	7507	7507	00000000	00000000	00000000	00000000	00000000
16	16	7507	7507	00000000	00000000	00000000	00000000	00000000
17	17	7507	7507	00000000	00000000	00000000	00000000	00000000
18	18	7507	7507	00000000	00000000	00000000	00000000	00000000
19	19	7507	7507	00000000	00000000	00000000	00000000	00000000
20	20	7507	7507	00000000	00000000	00000000	00000000	00000000

LIST OF GEOCHEMICAL SAMPLES  
REGIONAL SURVEY AREA

SER. NO.	SAMPLE NO.	CO-ORDINATE X	CO-ORDINATE Y	AU PPM	CU PPM	ZN PPM	F PPM	CR PPM
1	1	7600	7600	00000000	00000000	00000000	00000000	00000000
2	2	7600	7600	00000000	00000000	00000000	00000000	00000000
3	3	7600	7600	00000000	00000000	00000000	00000000	00000000
4	4	7600	7600	00000000	00000000	00000000	00000000	00000000
5	5	7600	7600	00000000	00000000	00000000	00000000	00000000
6	6	7600	7600	00000000	00000000	00000000	00000000	00000000
7	7	7600	7600	00000000	00000000	00000000	00000000	00000000
8	8	7600	7600	00000000	00000000	00000000	00000000	00000000
9	9	7600	7600	00000000	00000000	00000000	00000000	00000000
10	10	7600	7600	00000000	00000000	00000000	00000000	00000000
11	11	7600	7600	00000000	00000000	00000000	00000000	00000000
12	12	7600	7600	00000000	00000000	00000000	00000000	00000000
13	13	7600	7600	00000000	00000000	00000000	00000000	00000000
14	14	7600	7600	00000000	00000000	00000000	00000000	00000000
15	15	7600	7600	00000000	00000000	00000000	00000000	00000000
16	16	7600	7600	00000000	00000000	00000000	00000000	00000000
17	17	7600	7600	00000000	00000000	00000000	00000000	00000000
18	18	7600	7600	00000000	00000000	00000000	00000000	00000000
19	19	7600	7600	00000000	00000000	00000000	00000000	00000000
20	20	7600	7600	00000000	00000000	00000000	00000000	00000000

LIST OF GEOCHEMICAL SAMPLES  
REGIONAL SURVEY AREA

SER. NO.	SAMPLE NO.	CO-ORDINATE X	CO-ORDINATE Y	AU PPM	CU PPM	ZN PPM	F PPM	CR PPM
4444444444	0084955555	7777777777	6000000000	VVVVVVVVVV	1222222222	5444444444	8000000000	0000000000
4444444444	0084955555	7777777777	6000000000	VVVVVVVVVV	1222222222	5444444444	8000000000	0000000000
4444444444	0084955555	7777777777	6000000000	VVVVVVVVVV	1222222222	5444444444	8000000000	0000000000
4444444444	0084955555	7777777777	6000000000	VVVVVVVVVV	1222222222	5444444444	8000000000	0000000000
4444444444	0084955555	7777777777	6000000000	VVVVVVVVVV	1222222222	5444444444	8000000000	0000000000

LIST OF GEOCHEMICAL SAMPLES  
REGIONAL SURVEY AREA

SER. NO.	SAMPLE NO.	CO-ORDINATE X	CO-ORDINATE Y	AU PPM	CU PPM	ZN PPM	F PPM	CR PPM
4444444444	0084955555	7777777777	6000000000	VVVVVVVVVV	1222222222	5444444444	8000000000	0000000000
4444444444	0084955555	7777777777	6000000000	VVVVVVVVVV	1222222222	5444444444	8000000000	0000000000
4444444444	0084955555	7777777777	6000000000	VVVVVVVVVV	1222222222	5444444444	8000000000	0000000000
4444444444	0084955555	7777777777	6000000000	VVVVVVVVVV	1222222222	5444444444	8000000000	0000000000
4444444444	0084955555	7777777777	6000000000	VVVVVVVVVV	1222222222	5444444444	8000000000	0000000000



LIST OF GEOCHEMICAL SAMPLES  
REGIONAL SURVEY AREA

SER. NO.	SAMPLE NO.	CO-ORDINATE X	CO-ORDINATE Y	AU PPM	CU PPM	ZN PPM	PPM	PPM	PPM
1	1000000000	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111
2	1000000000	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111
3	1000000000	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111
4	1000000000	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111
5	1000000000	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111

LIST OF GEOCHEMICAL SAMPLES  
REGIONAL SURVEY AREA

SER. NO.	SAMPLE NO.	CO-ORDINATE X	CO-ORDINATE Y	AU PPM	CU PPM	ZN PPM	PPM	PPM	PPM
1	1000000000	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111
2	1000000000	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111
3	1000000000	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111
4	1000000000	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111
5	1000000000	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111

LIST OF GEOCHEMICAL SAMPLES  
DETAILED SURVEY AREA

PAGE 3

SER. NO.	SAMPLE NO.	GEOL. UNIT	CR PPM	NI PPM	AU PPM
1	10000000	U	0000000000	0000000000	0000000000
2	10000000	U	0000000000	0000000000	0000000000
3	10000000	U	0000000000	0000000000	0000000000
4	10000000	U	0000000000	0000000000	0000000000
5	10000000	U	0000000000	0000000000	0000000000

LIST OF GEOCHEMICAL SAMPLES  
DETAILED SURVEY AREA

PAGE 2

SER. NO.	SAMPLE NO.	GEOL. UNIT	CR PPM	NI PPM	AU PPM
1	10000000	U	0000000000	0000000000	0000000000
2	10000000	U	0000000000	0000000000	0000000000
3	10000000	U	0000000000	0000000000	0000000000
4	10000000	U	0000000000	0000000000	0000000000
5	10000000	U	0000000000	0000000000	0000000000

LIST OF GEOCHEMICAL SAMPLES  
DETAILED SURVEY AREA

PAGE 1

SER. NO.	SAMPLE NO.	GEOL. UNIT	CR PPM	NI PPM	AU PPM
1	10000000	U	0000000000	0000000000	0000000000
2	10000000	U	0000000000	0000000000	0000000000
3	10000000	U	0000000000	0000000000	0000000000
4	10000000	U	0000000000	0000000000	0000000000
5	10000000	U	0000000000	0000000000	0000000000

Geological Units U: no-silicified serpentinite U3: silicified serpentinite U: amphibole schist A: quartz schist







LIST OF GEOCHEMICAL SAMPLES  
DETAILED SURVEY AREA

PAGE 12

SER. NO.	SAMPLE NO.	GEOLOG. UNIT	CR PPM	NI PPM	AU PPM
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000

LIST OF GEOCHEMICAL SAMPLES  
DETAILED SURVEY AREA

PAGE 11

SER. NO.	SAMPLE NO.	GEOLOG. UNIT	CR PPM	NI PPM	AU PPM
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000

LIST OF GEOCHEMICAL SAMPLES  
DETAILED SURVEY AREA

PAGE 10

SER. NO.	SAMPLE NO.	GEOLOG. UNIT	CR PPM	NI PPM	AU PPM
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000
1234567890	1234567890	XXXXXX	0000000000	0000000000	0000000000

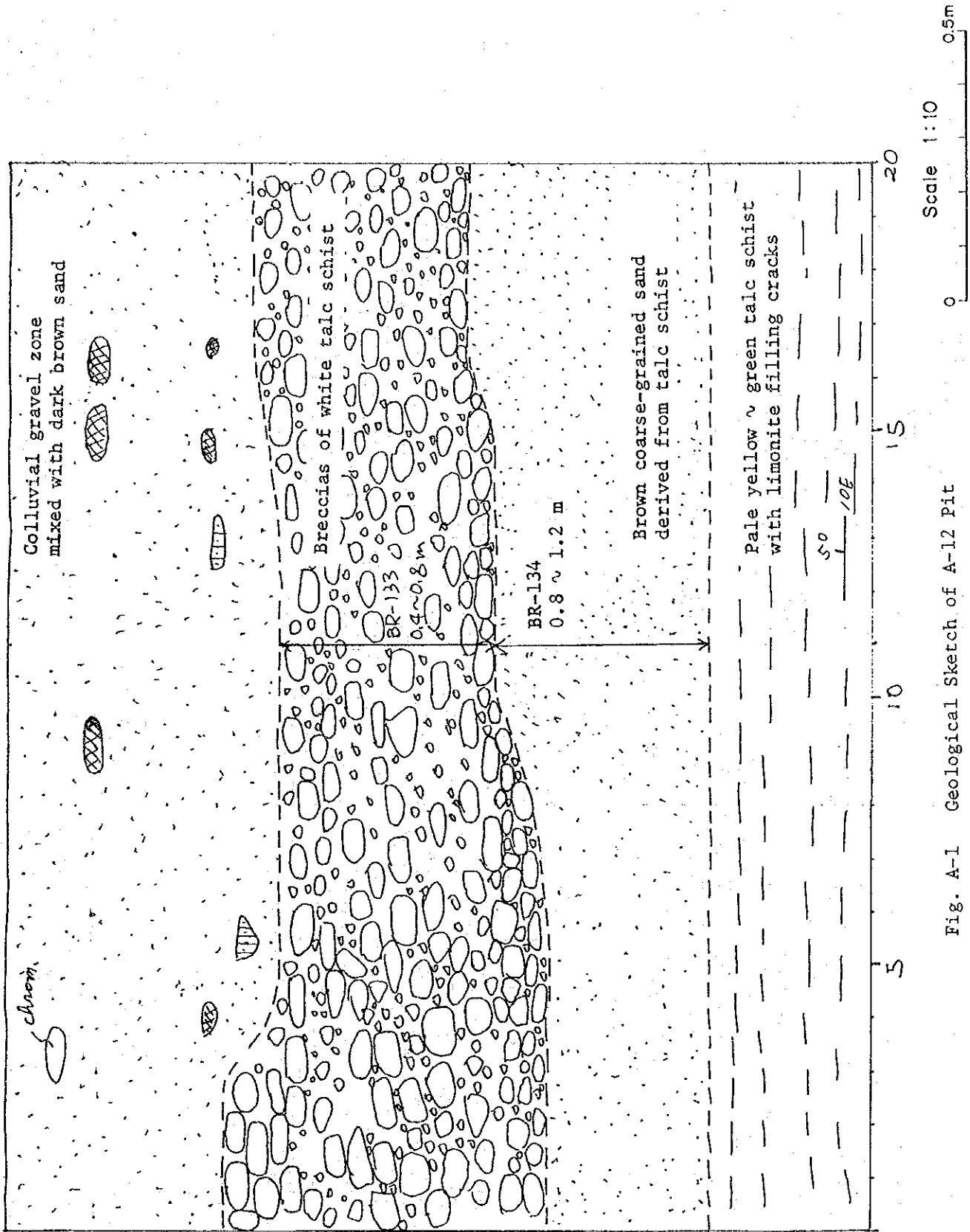


Fig. A-1 Geological Sketch of A-12 Pit

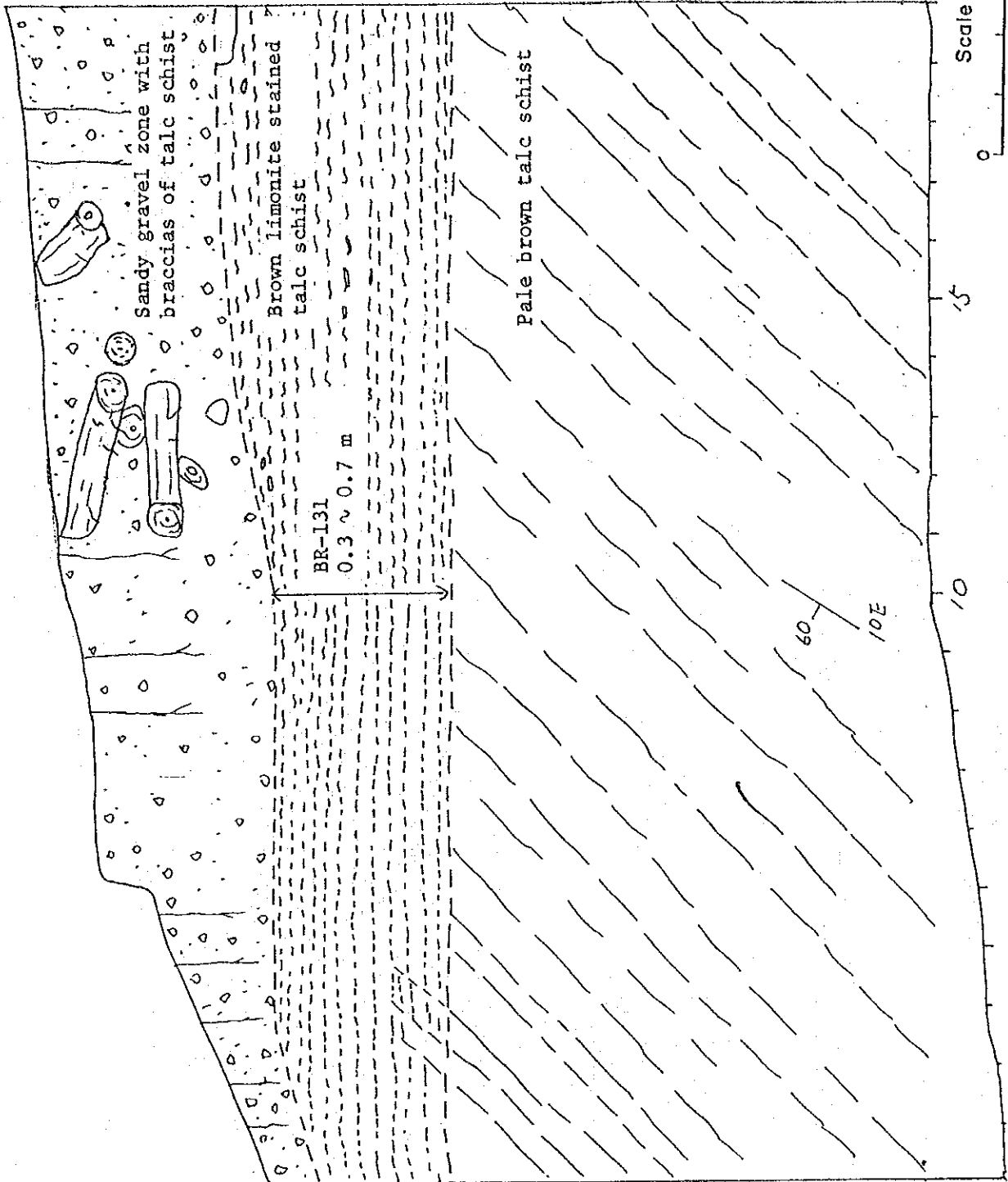


Fig. A-2 Geological Sketch of D-14 Pit

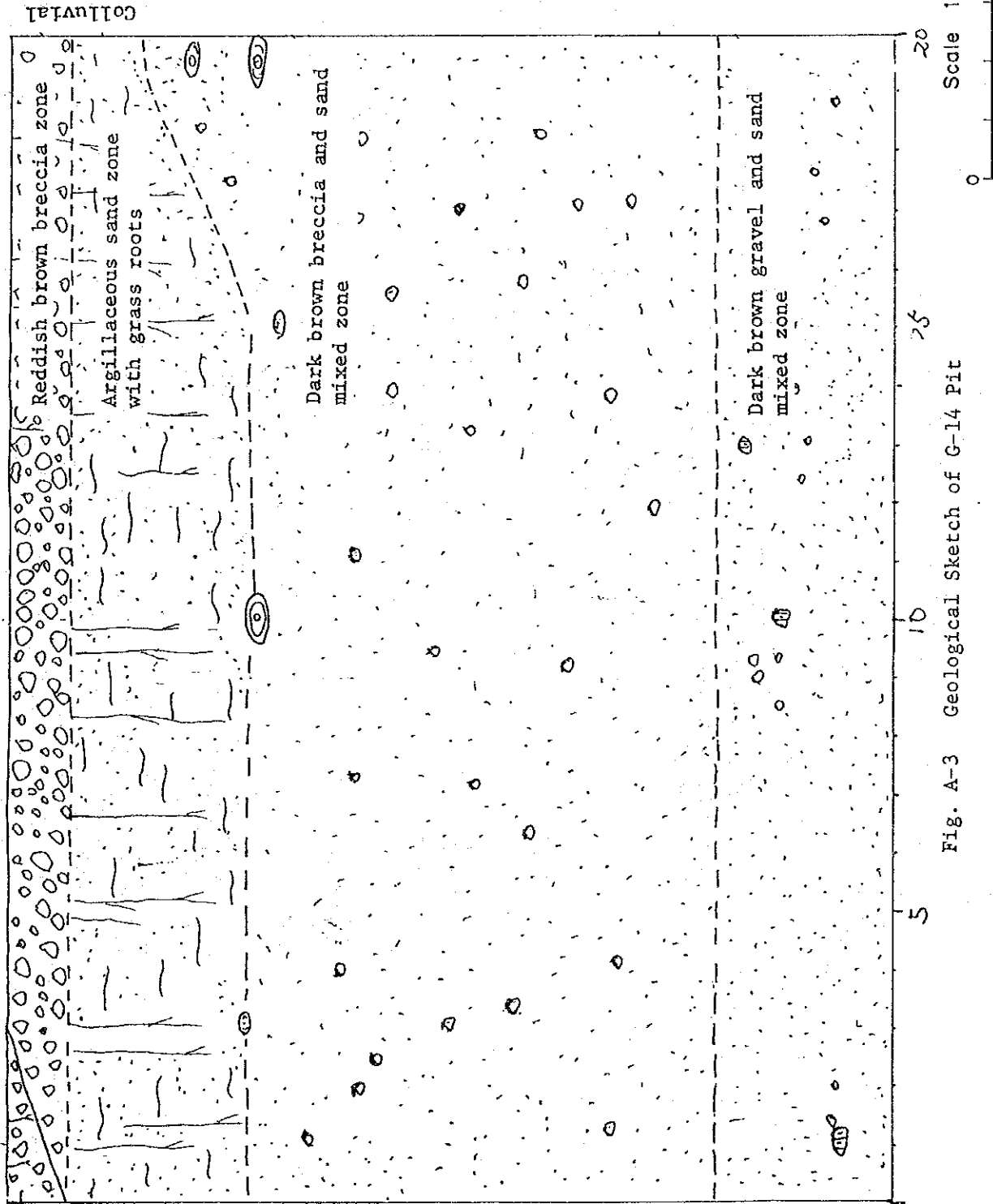


Fig. A-3 Geological Sketch of G-14 Pit

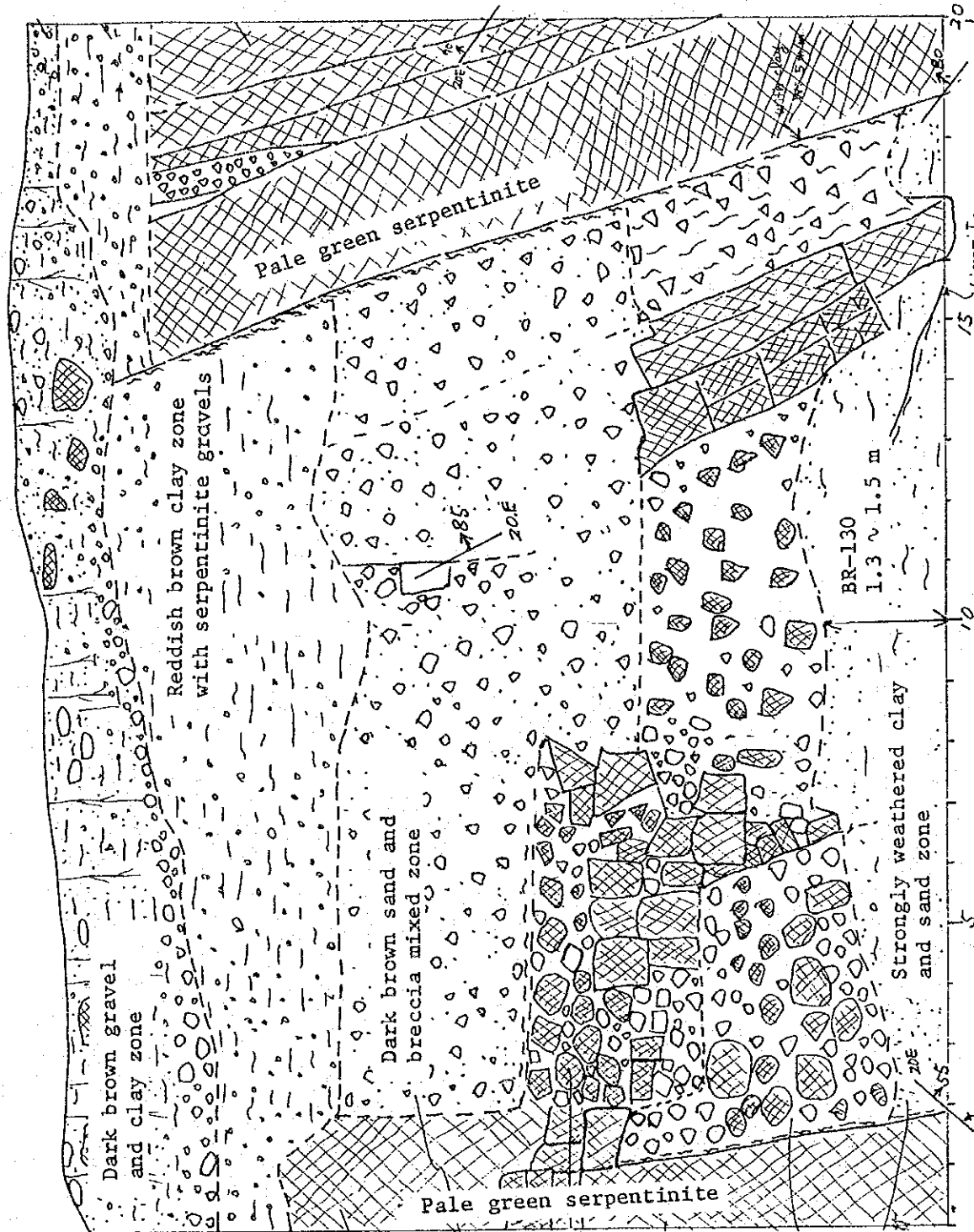


Fig. A-4 Geological Sketch of J-14 Pit

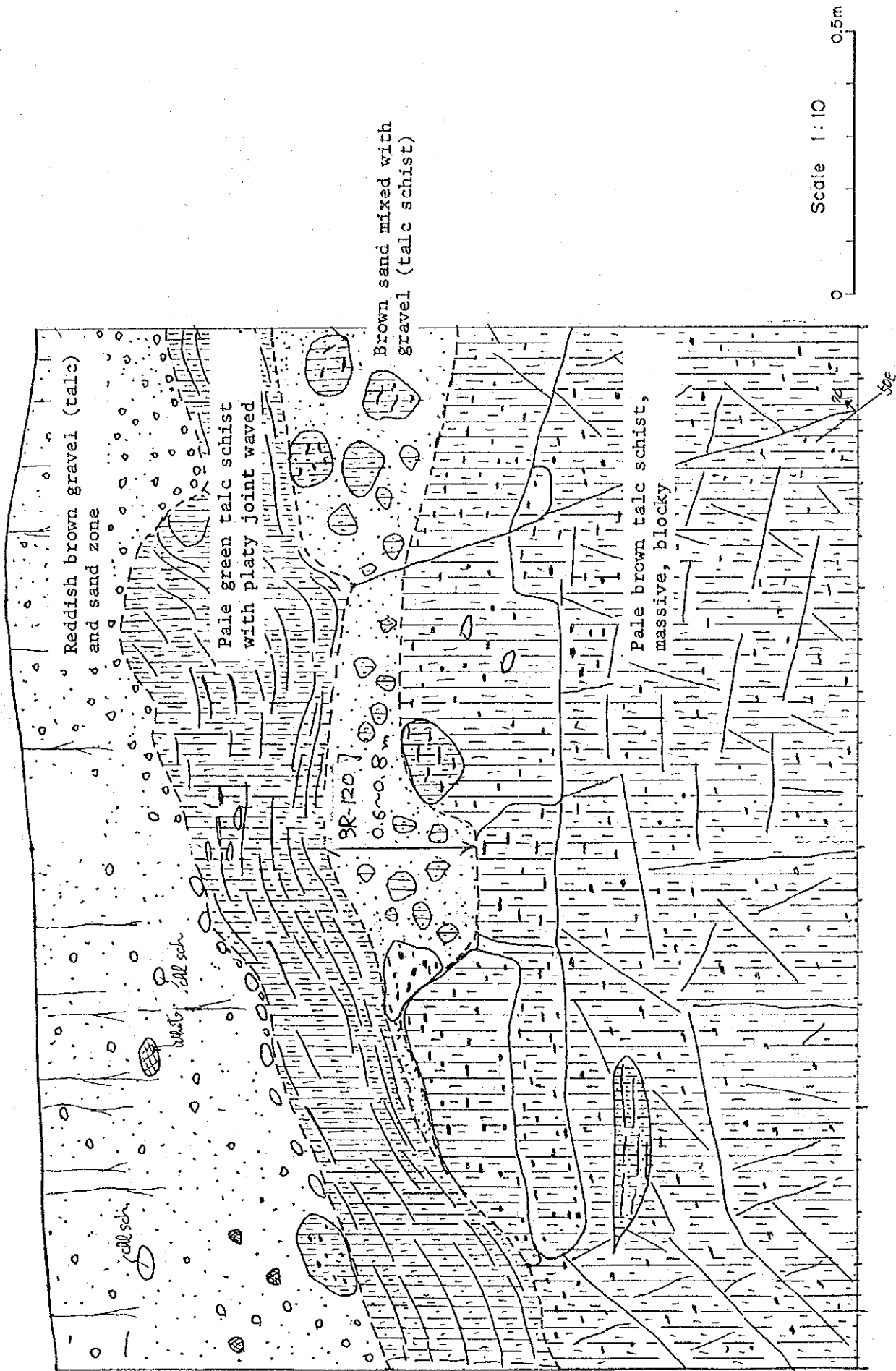


Fig. A-5 Geological Sketch of J-20 Pit



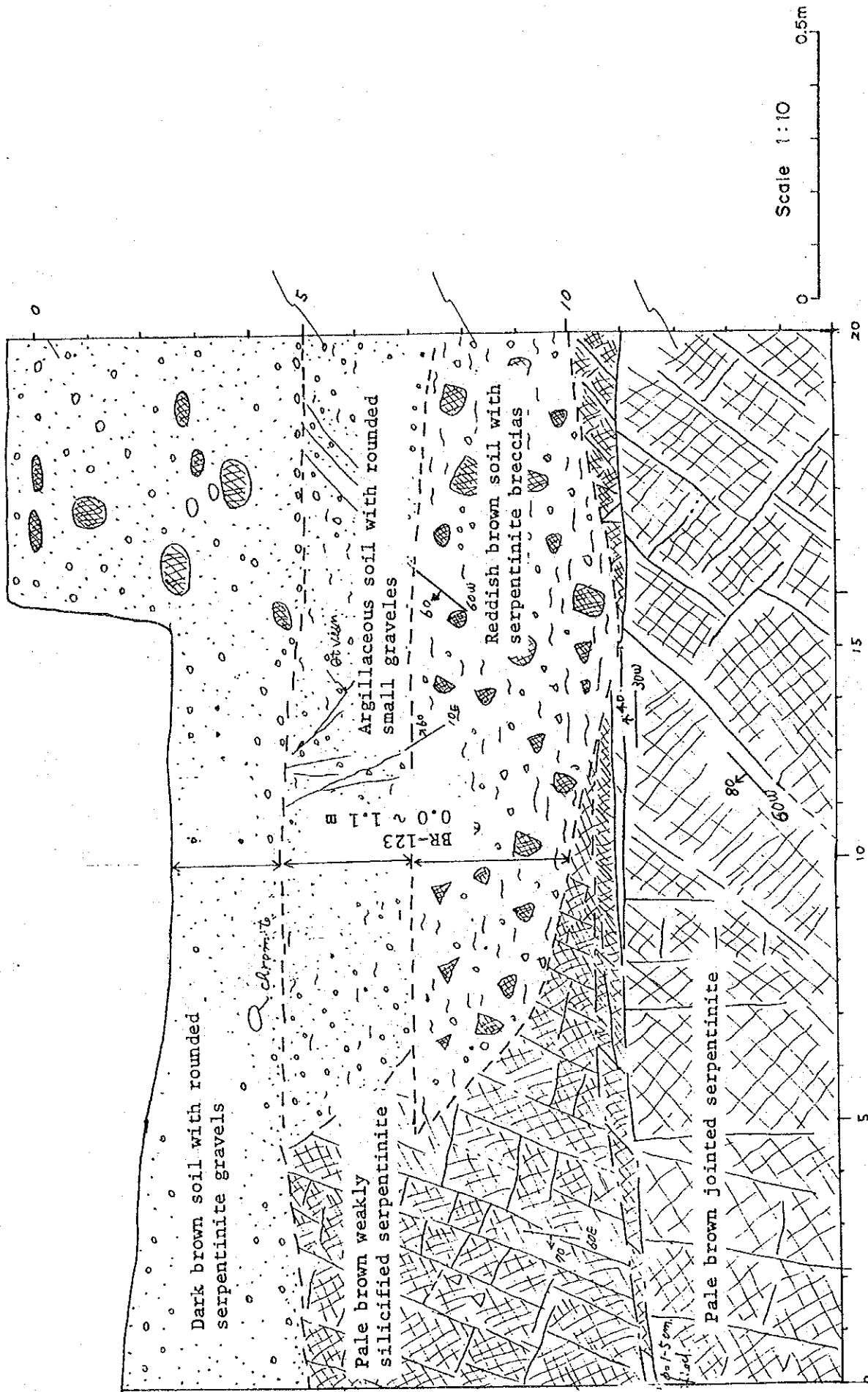
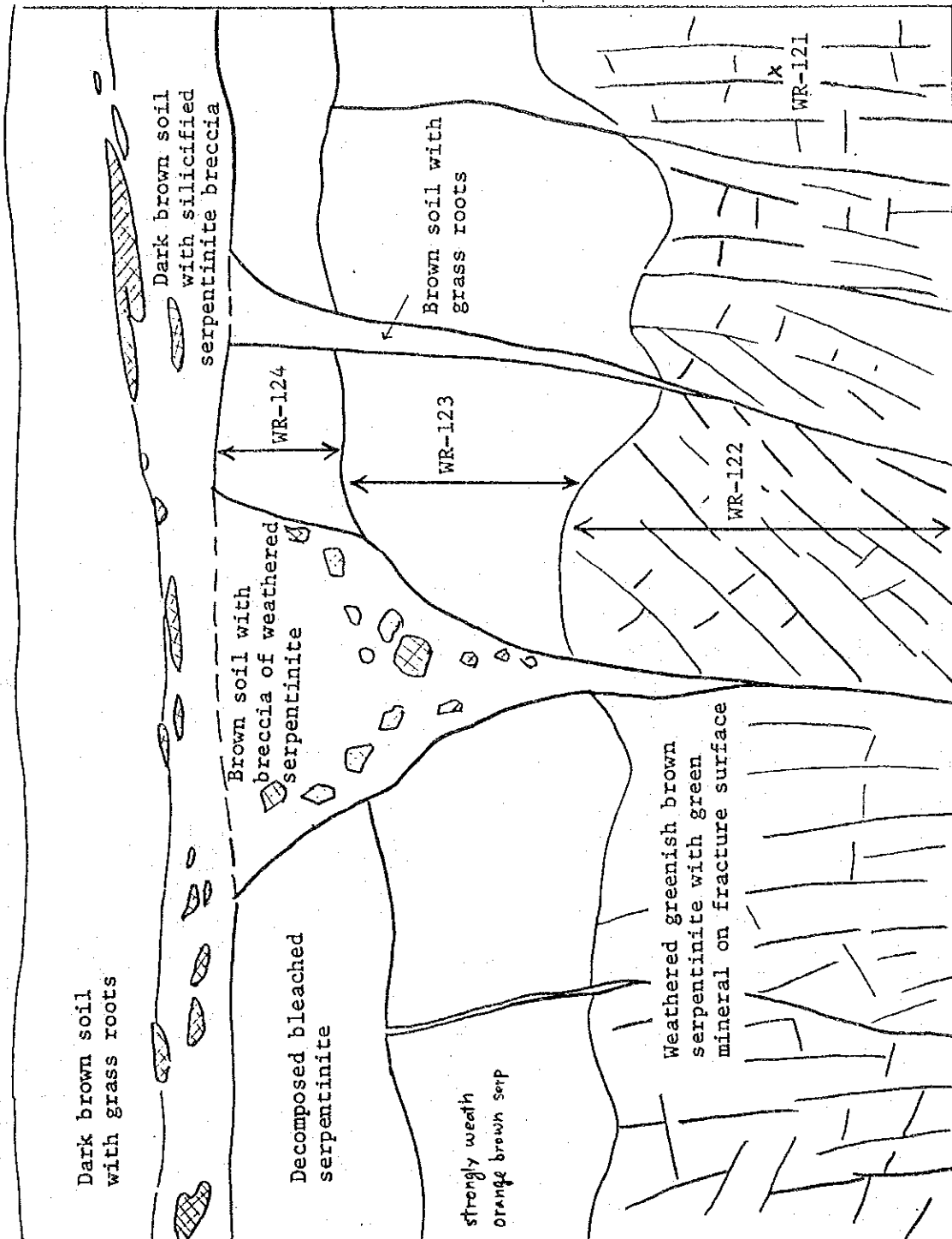


Fig. A-6 Geological Sketch of K-17 Pit



Scale 1:10  
0 0.5m

Fig. A-7 Geological Sketch of L-11 Pit

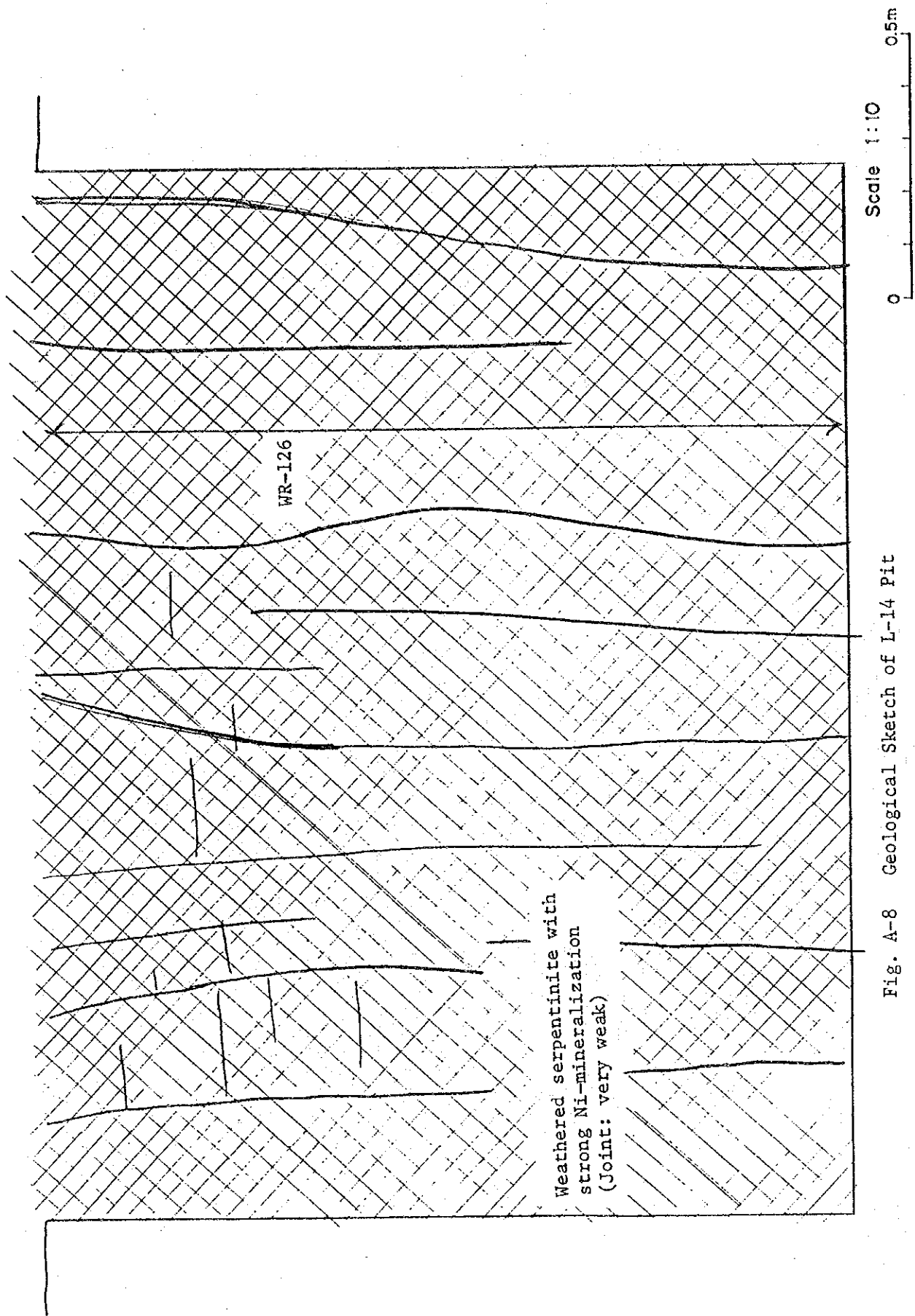


Fig. A-8 Geological Sketch of L-14 Pit

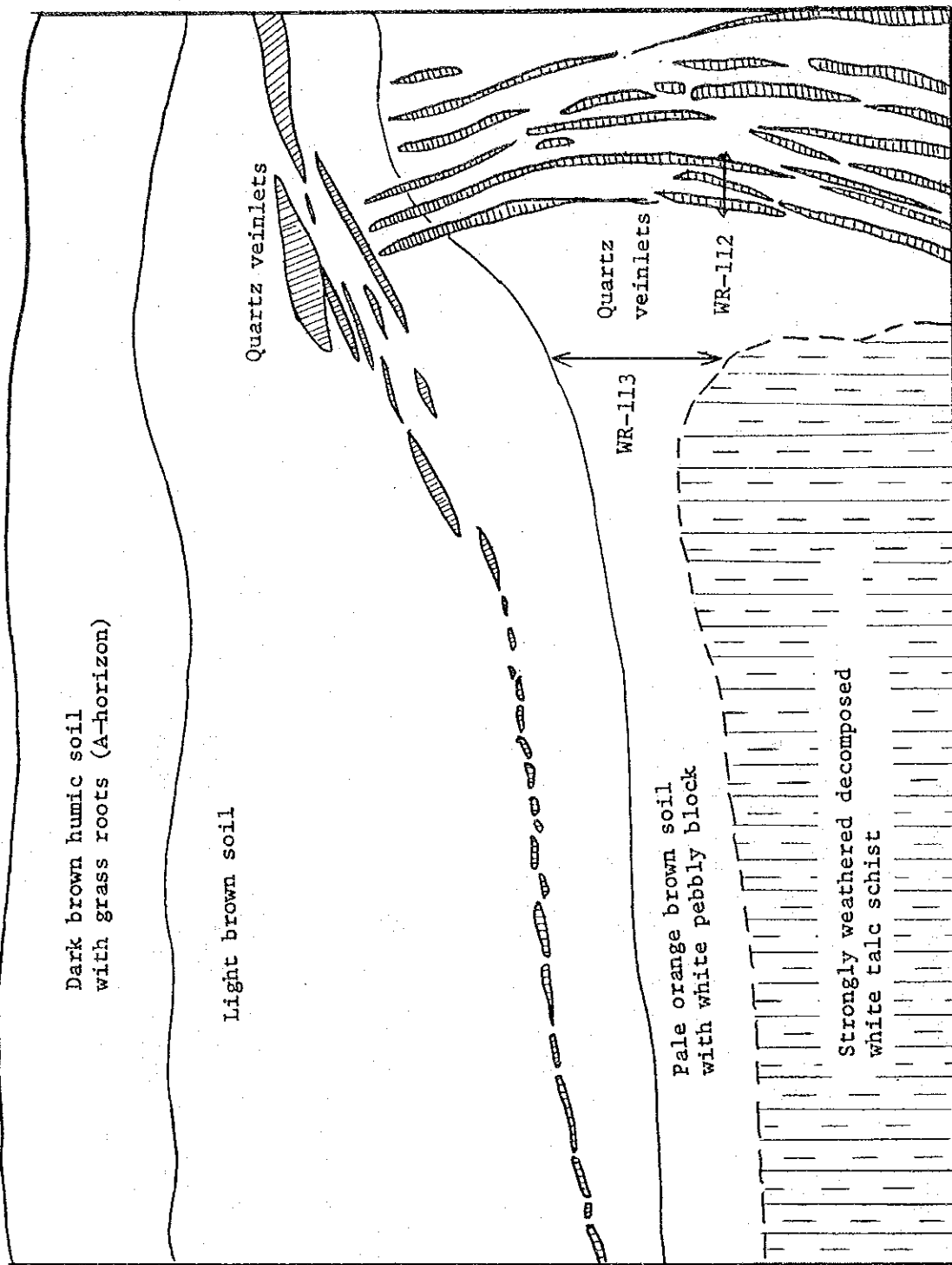


Fig. A-9 Geological Sketch of M-8 Pit

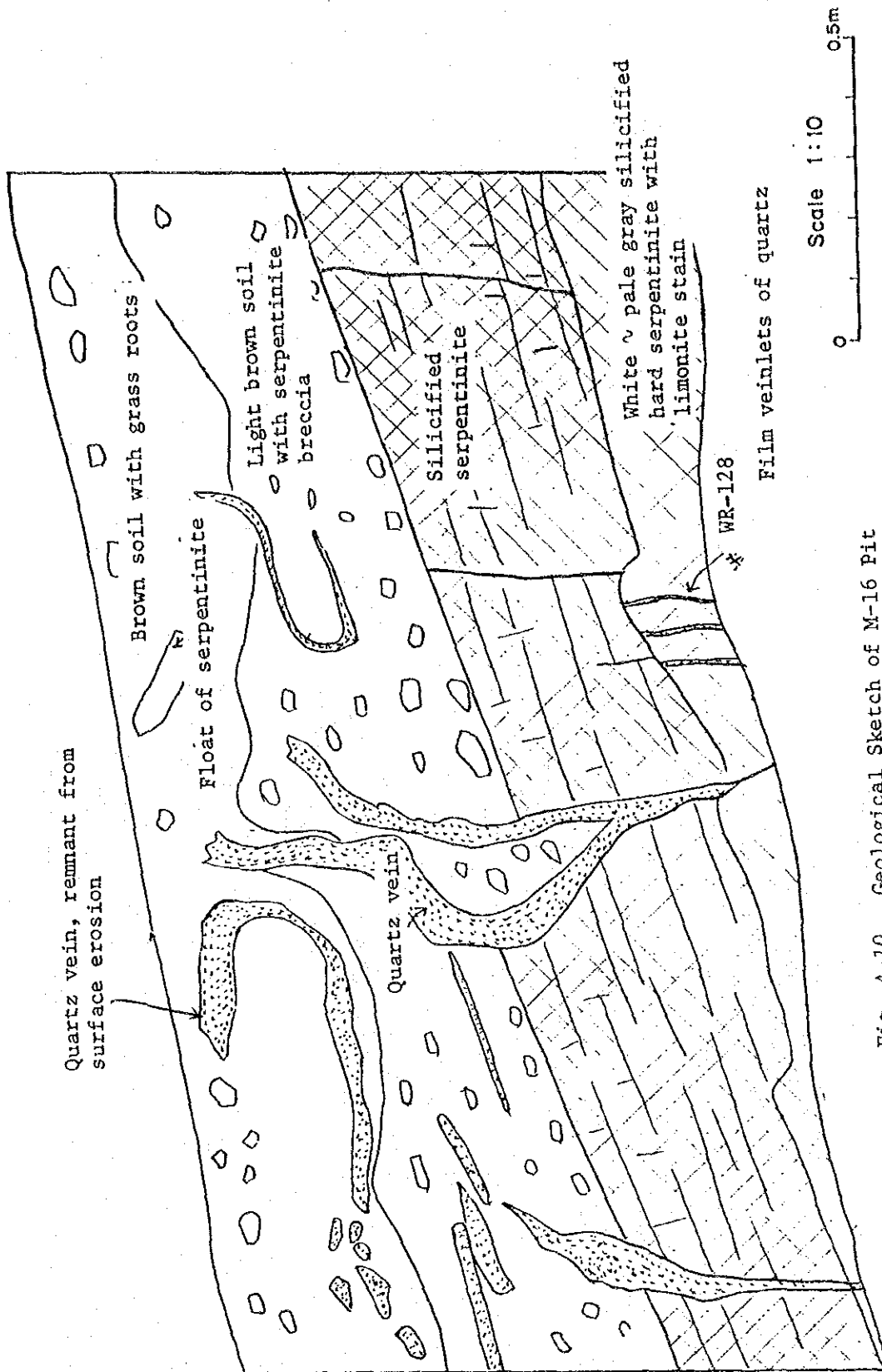


Fig. A-10 Geological Sketch of M-16 Pit