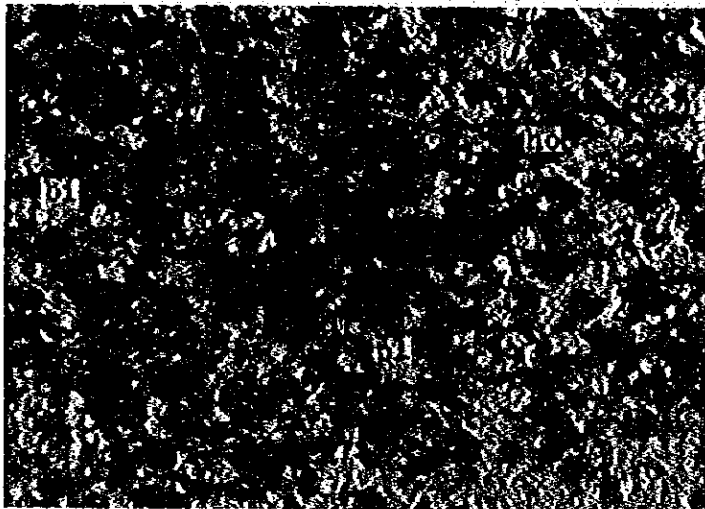


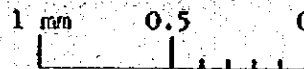


246-B024, 14B,

MD

Porphyrite

x 40



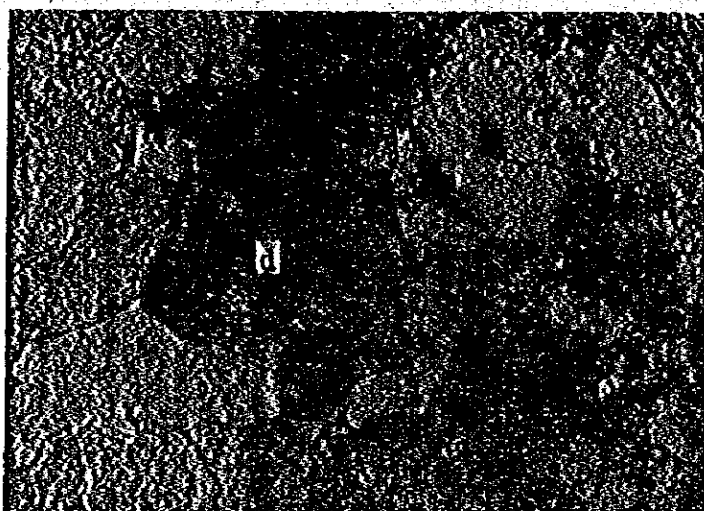
Intersertal texture

Minerals : Plagioclase (andesine)

Accessory minerals : plagioclase (andesine)

hornblende, quartz, biotite, ilmenite, magnetite

Alteration minerals : sericite, chlorite, epidote



249-B028-1, 16B,

PU

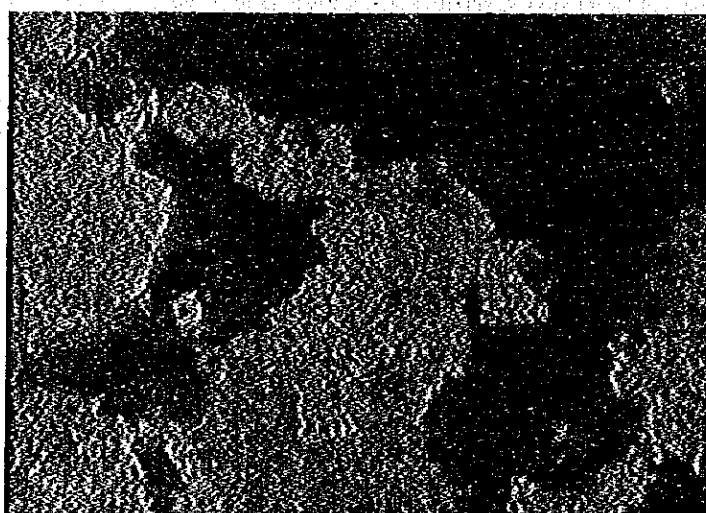
Dolomite

x 100



Mosaic texture

Minerals : dolomite

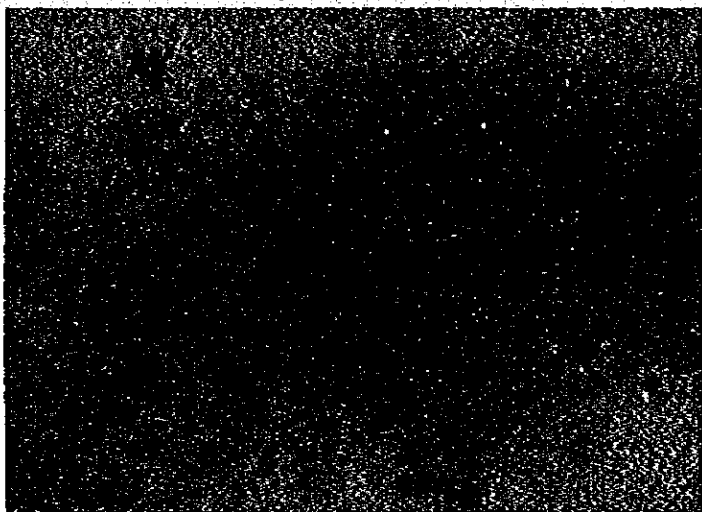


Crossed nicols

251-B029, 14D

VI

Sandstone



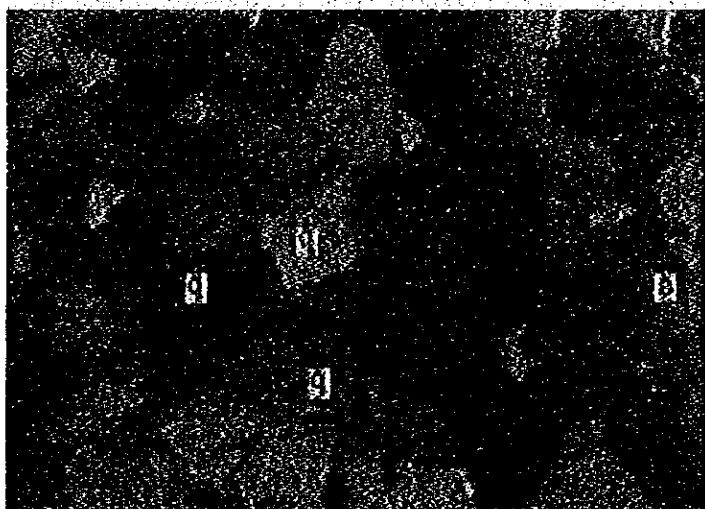
x 100

0.5 mm

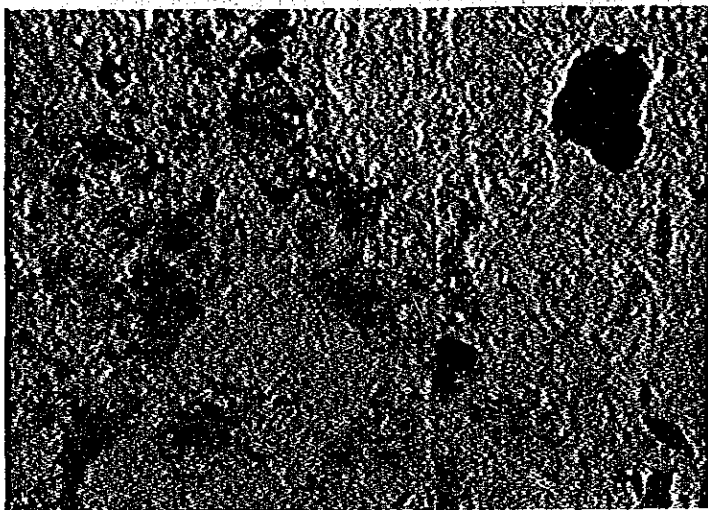
Coarse grained sandstone

Minerals : quartz

Accessory minerals : zircon, sericite.



Crossed nicols

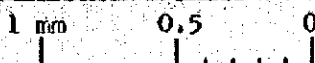


254-C004, 19C,

TM

Altered porphyritic
andesite

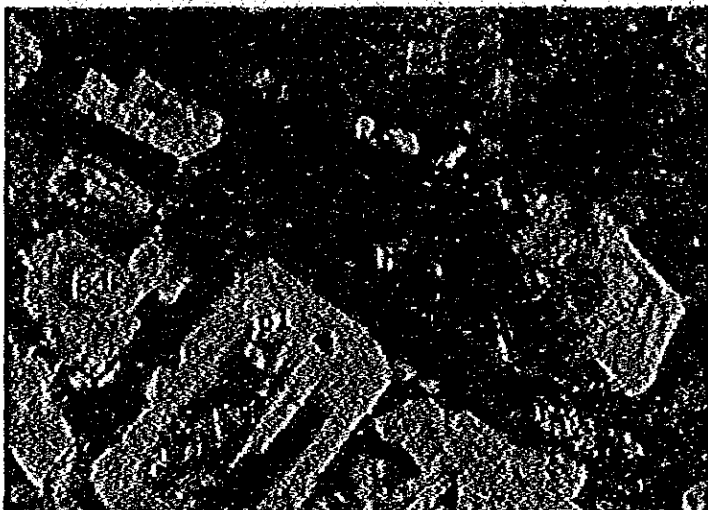
x 40



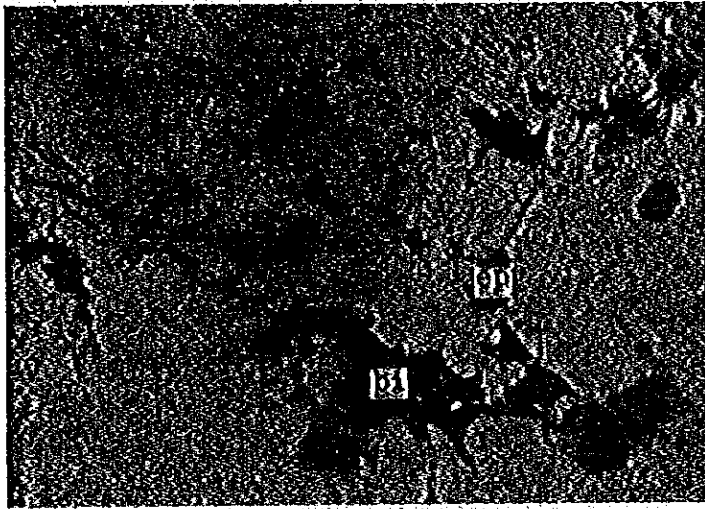
Porphyritic intersertal texture

Minerals : Plagioclase, sanidine

Accessory minerals : microlites of plagioclase,
quartz

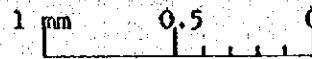


Crossed nicols



261-C015, 10D,
PQ
Biotite granodiorite

x 40

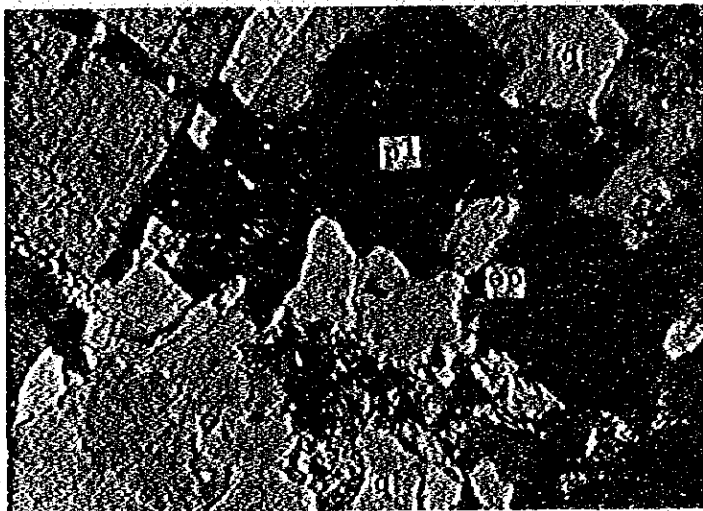


Granular texture

Minerals : Quartz, plagioclase (Oligoclase), biotite

Accessory minerals : sphene, apatite, magnetite

Alteration minerals: chlorite, epidote



Crossed nicols

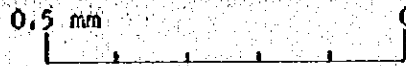
266-C023, 13D

MI

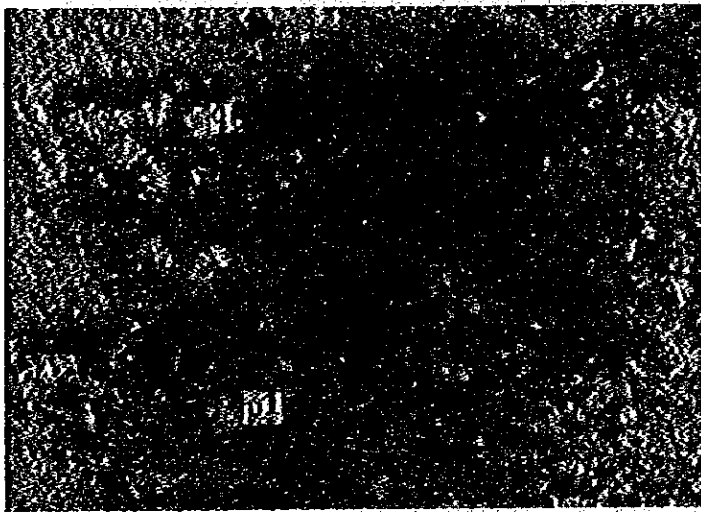
Shale



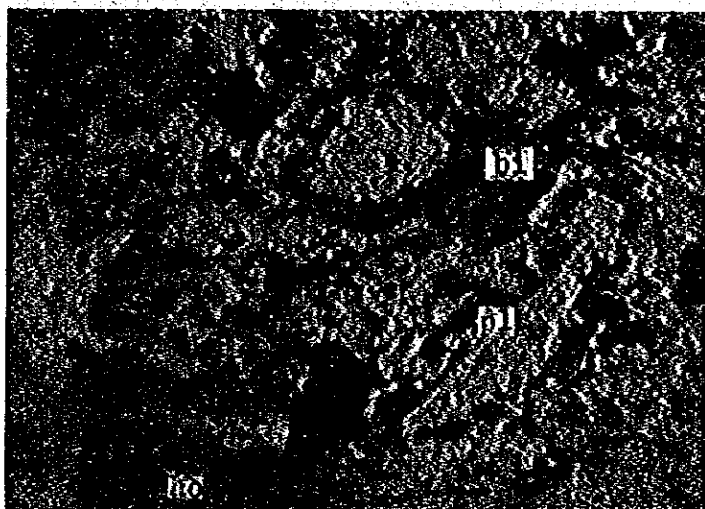
x 100



Laminated texture with sand stone rock fragments.
Minerals : plagioclase, potash feldspar, quartz.



Crossed nicols

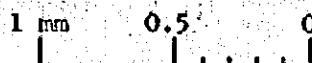


271-C028, 11D,

FG

Biotite hornblende
diorite

x 40

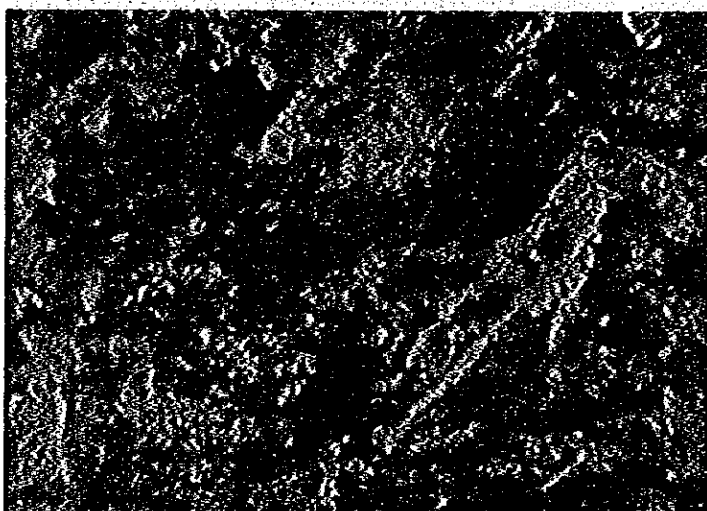


Equigranular texture

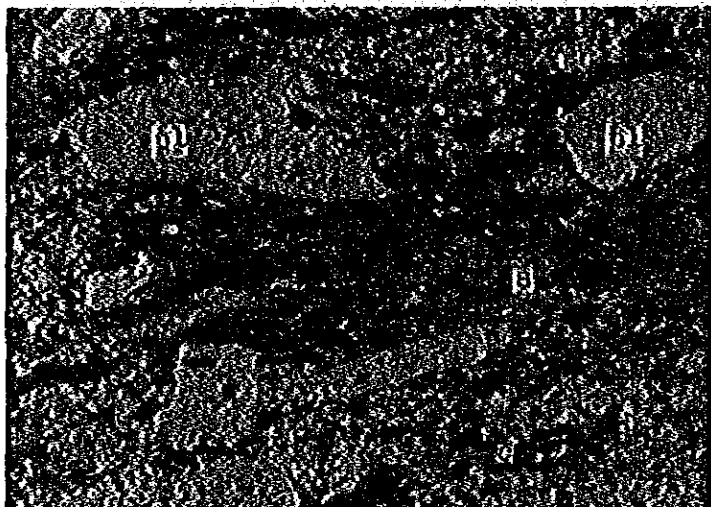
Minerals : Plagioclase, hornblende, biotite

Accessory minerals : Quartz, potash-feldspar, apatite,
magnetite

Alteration minerals: Chlorite, epidote, calcite



Crossed nicols

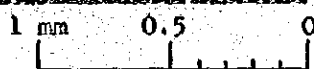


273-C030, 12D,

MI

Dacitic welded tuff

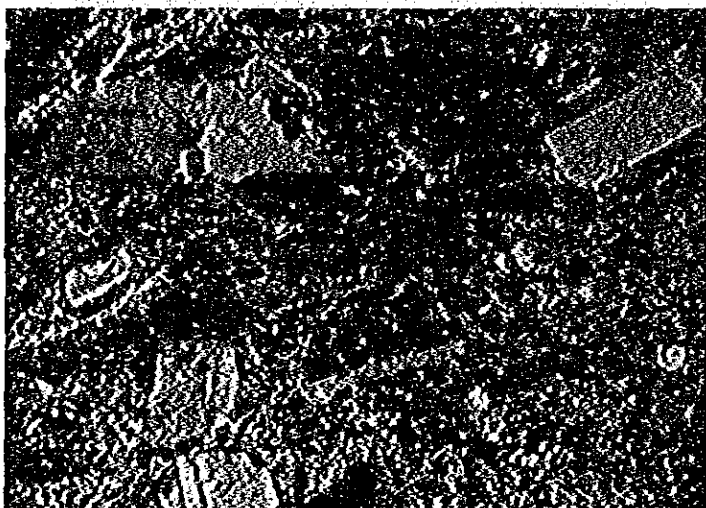
x 40



Welded texture

Accessory minerals : Quartz, apatite

Alteration minerals: Epidote, chlorite, calcite, sericite

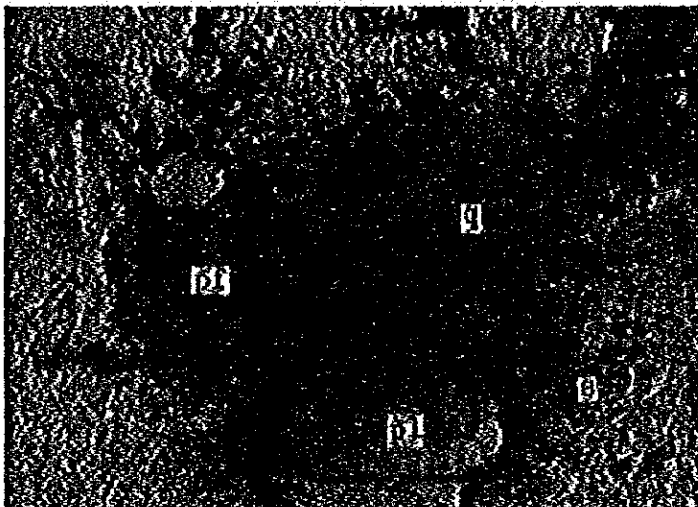


Crossed nicols

283-A010, 14B

MI

Conglomerate



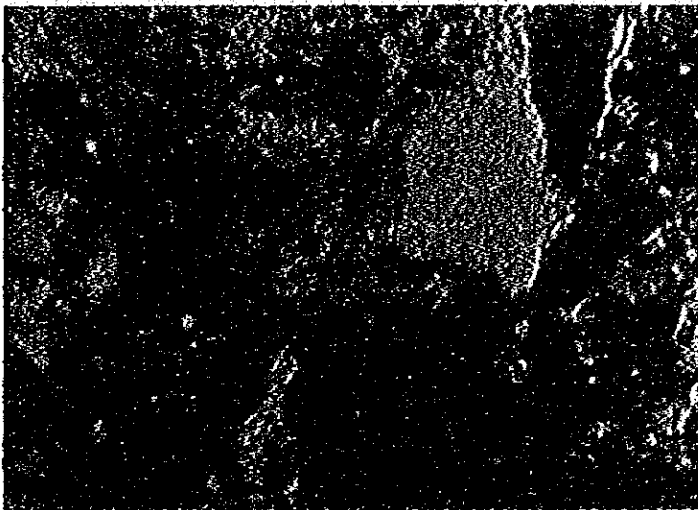
0.5 mm

x 100

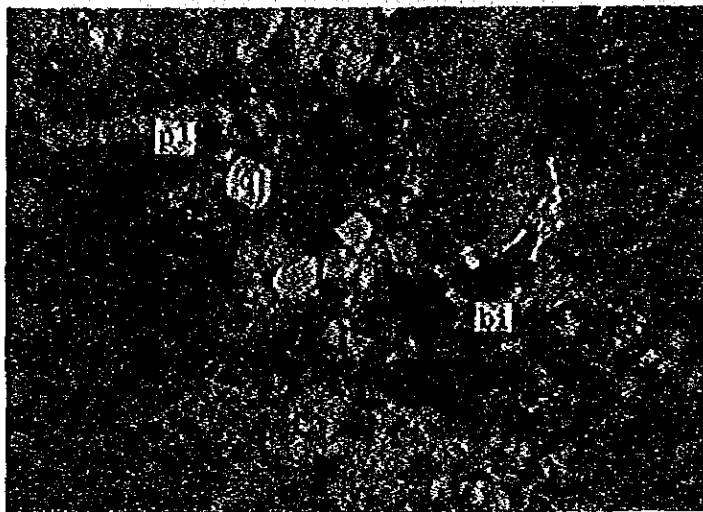
Minerals : (Volcanic rock fragments), Plagioclase, Quartz,
potsh feldspar

Accessory minerals : Opaque minerals

Alteration mineral : Sericite



Crossed nicols



287-A016, 14B,

PG

Biotite hornblende
diorite

x 40

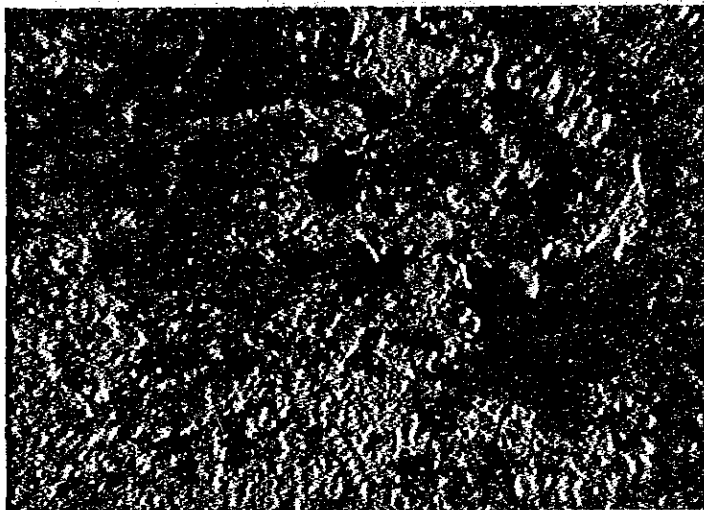


Equigranular texture

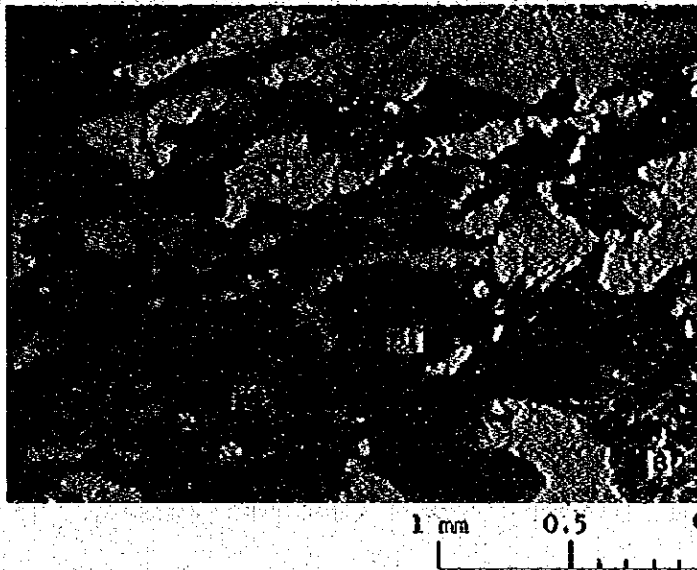
Minerals : Plagioclase, hornblende, biotite, ore mineral

Accessory minerals : Apatite, quartz

Alteration minerals: Epidote, chlorite, sericite



Crossed nicols



288-A017, 14B,

PG

Garnet-biotite-muscovite
gneiss

x 40

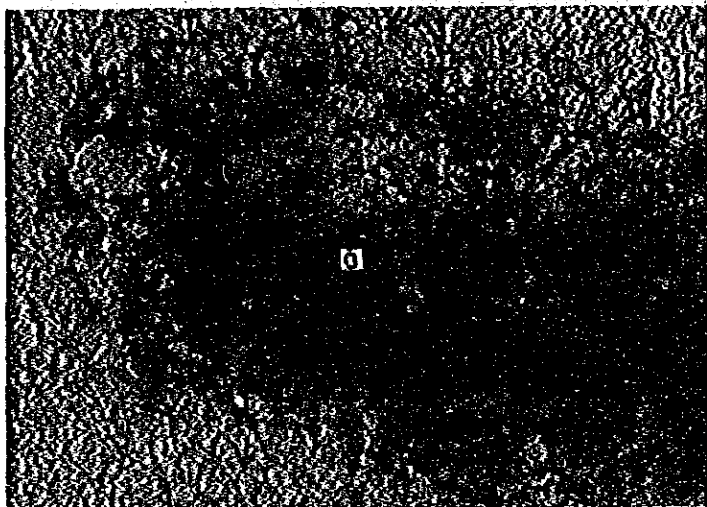
Crossed nicols

Lepidoblastic texture

Minerals : Quartz, plagioclase (Albite), potash feldspar

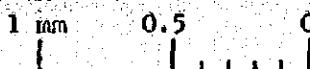
Accessory minerals : Garnet, biotite, epidote, zircon.
sphen, calcite, apatite, ilmenite,
hematite

Alteration minerals: Sericite, chlorite

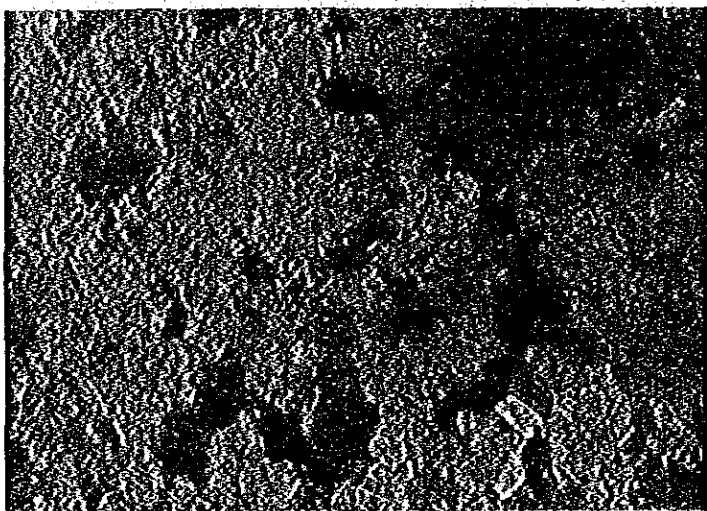


294-A025, 140,
PU
Limestone

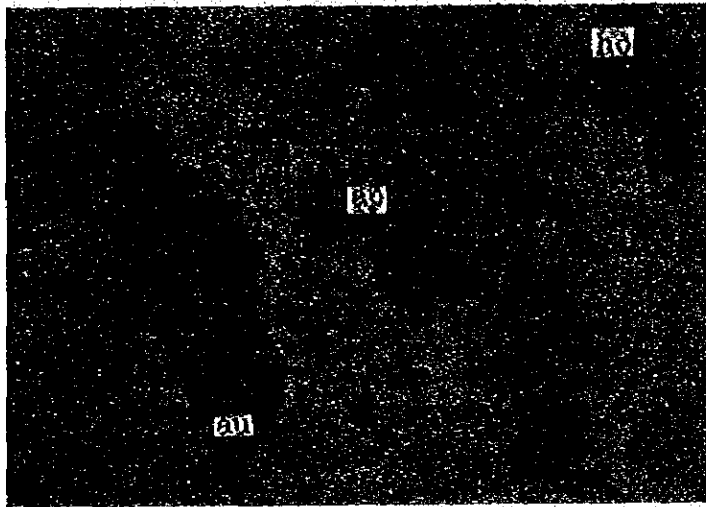
x 40



Sparitic texture
Calcite
Accessory mineral : Quartz



Crossed nicols

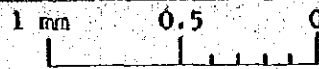


301-A037, 19B,

TM

Soda-augite hornblende
monzonite

x 40

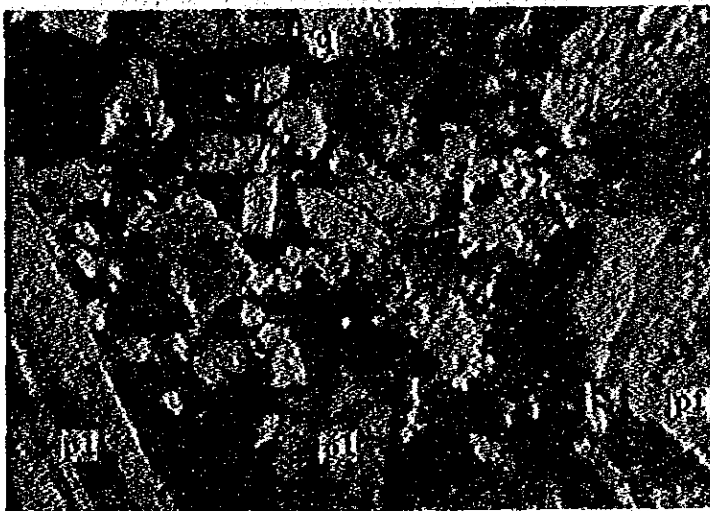


Porphyritic and protoclastic texture

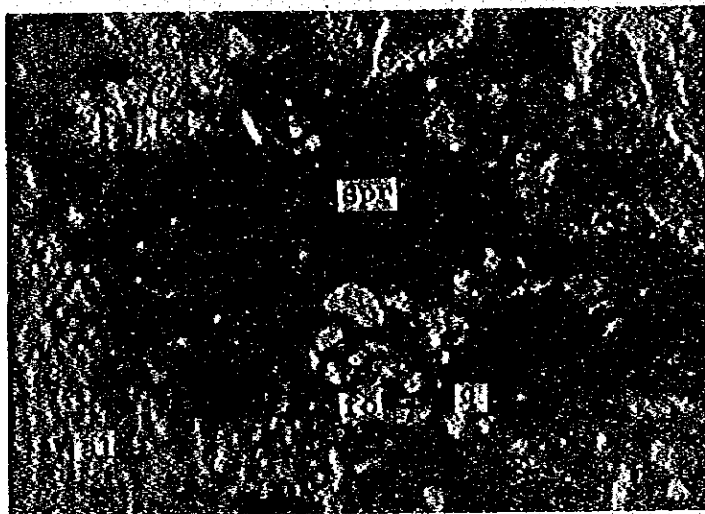
Minerals: Plagioclase, myrmekite, potash-feldspar, quartz,
hornblende, soda-augite, biotite

Accessory minerals : Sphene, apatite, magnetite

Alteration minerals: Sericite



Crossed nicols



309-D029, 17C,

CH

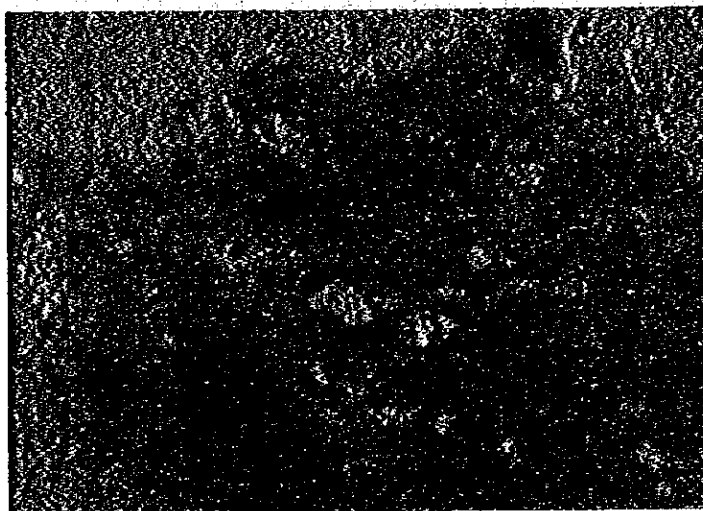
Limestone

x 100

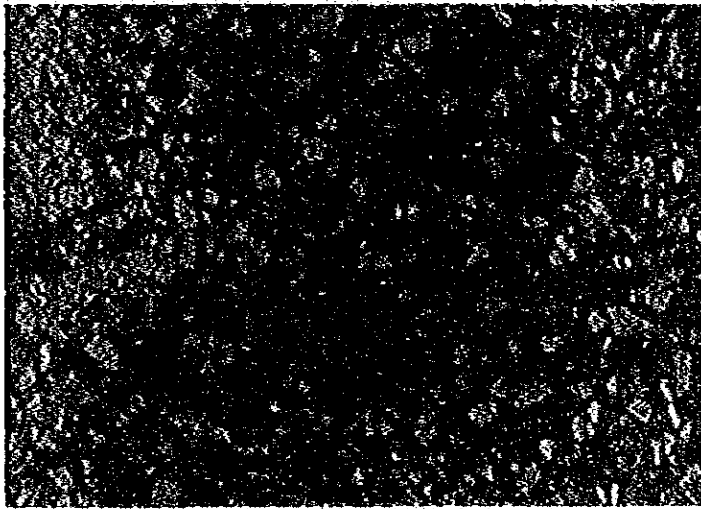
0.5 mm

Microcrystalline texture

Minerals : Sparite, Quartz, Fossils (foraminiferas,
Calcareous algae)



Crossed nicols

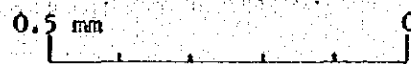


312-D045, 13E,

CH

Limestone

x 100

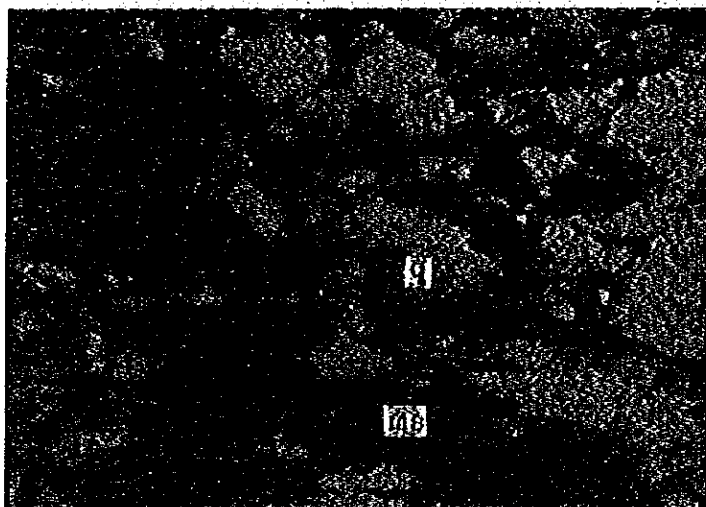


Microcrystalline mosaic texture

Minerals : Quartz, potash - feldspar, plagioclase



Crossed nicols



313-D058, 13B,
BC
Quartz schist

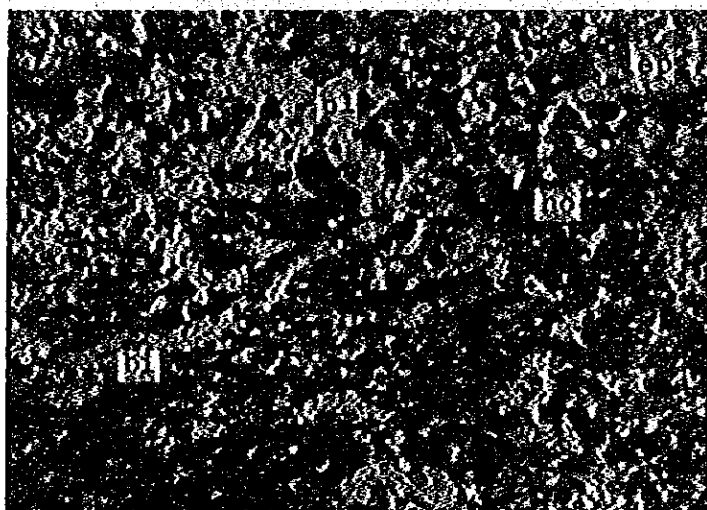
x 40



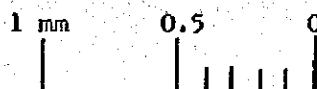
Lepidoblastic texture

Minerals : Quartz, muscovite, clay minerals

Accessory minerals : Feldspars, opaque minerals,
zircon, sphene



318-D065, 13B,
BC
Epidote amphibolite

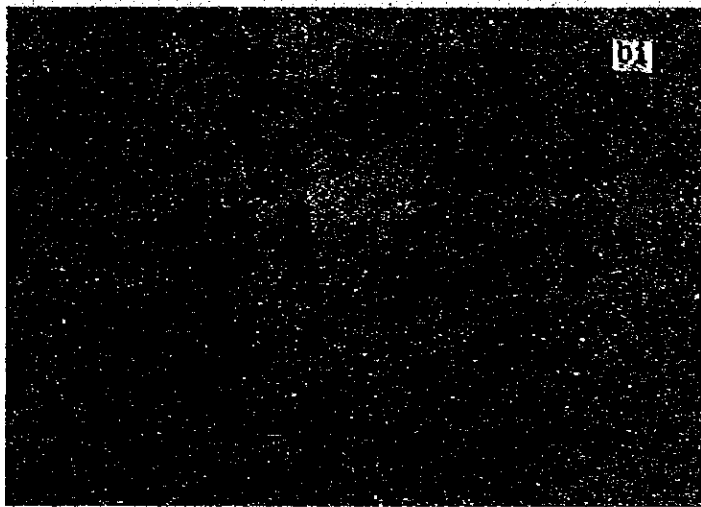


Fine grained granular texture

Shistosity is not distinct

Minerals : Green hornblende, sodic plagioclase, epidote

Accessory minerals : biotite, sericite

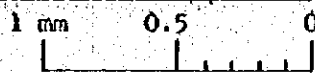


320-D069, 13B,

PG

Sheared biotite
granodiorite

x 40

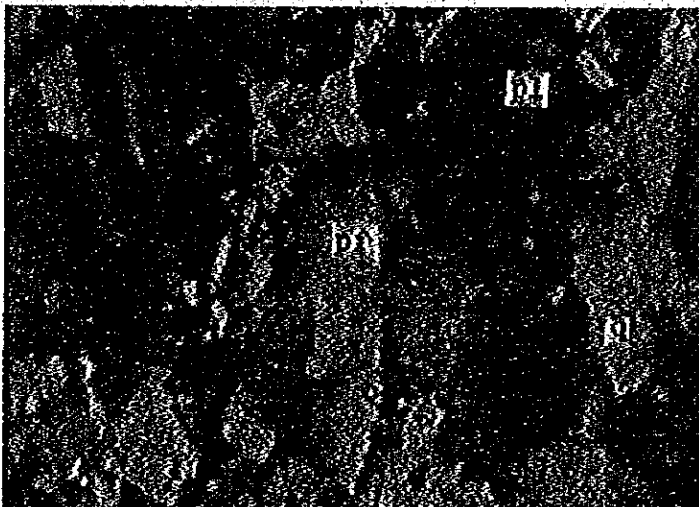


Porphyritic, protoclastic, partly cataclastic texture

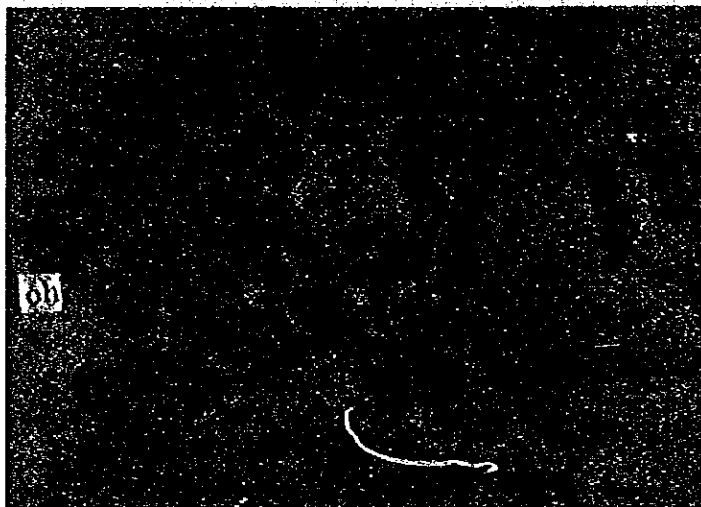
Minerals : Quartz, plagioclase, potash feldspar, biotite

Accessory minerals : Calcite, sphene

Alteration minerals: Sericite, chlorite



Crossed nicols

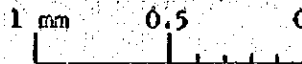


324-D079, 130,

MD

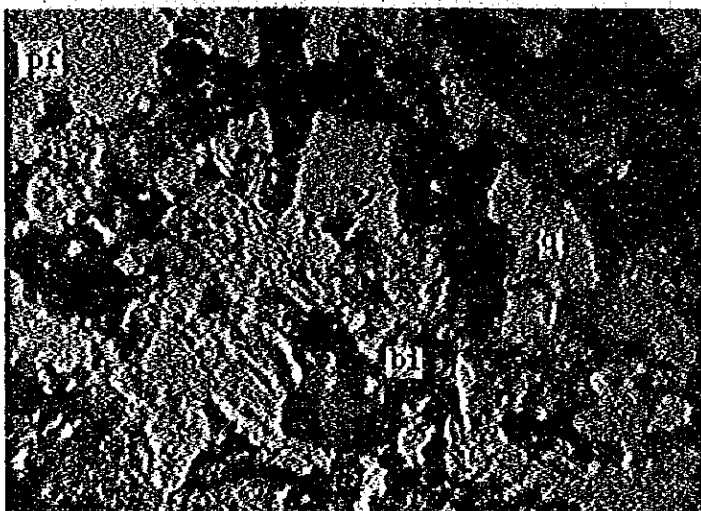
Muscovite-bearing biotite
micro-adamellite

x 40



Minerals : Plagioclase, quartz, potash feldspar, biotite

Alteration minerals : Sericite, chlorite, epidote

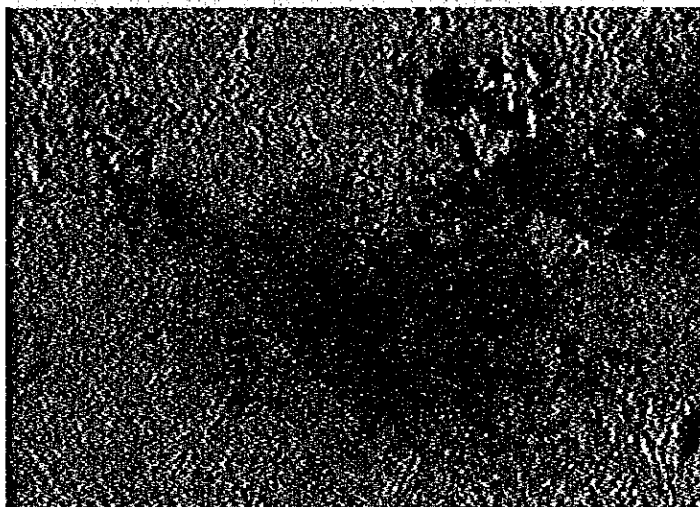


Crossed nicols

329-D089, 13D

MI

Sandstone



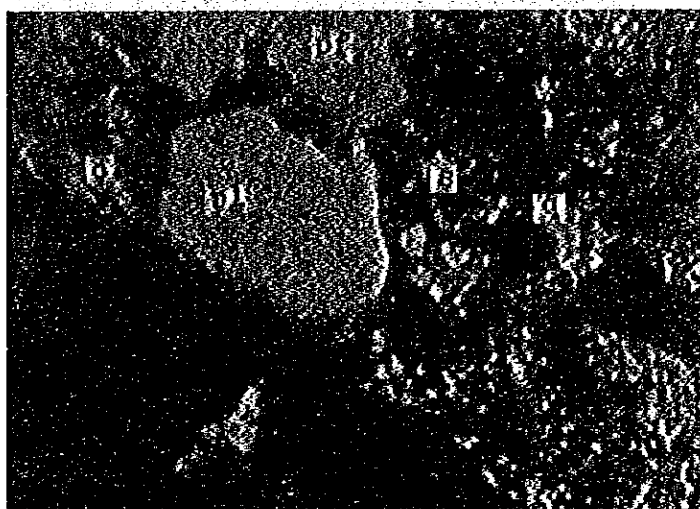
x 100

0.5 mm 0

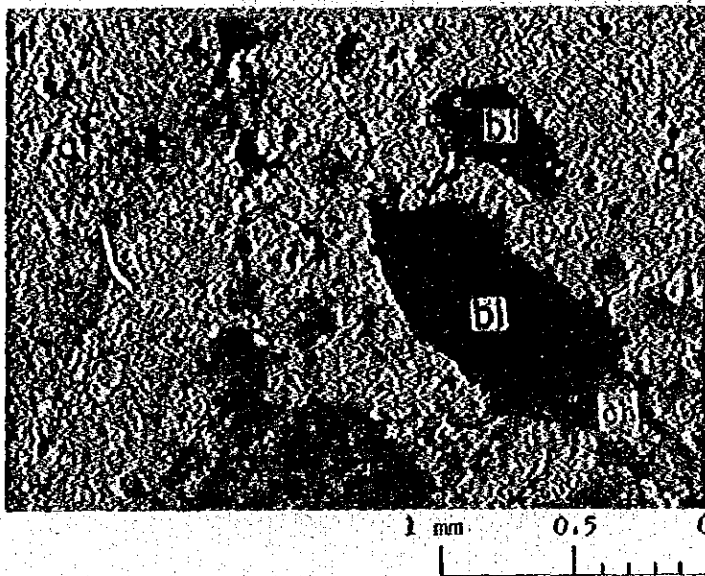
Coarse grained texture

Minerals : Quartz, Potash feldspar, Plagioclase, cherty rock fragment

Alteration minerals : sericite, Calcite



Crossed nicols



341-RE001, 6,
MP
Biotite granite

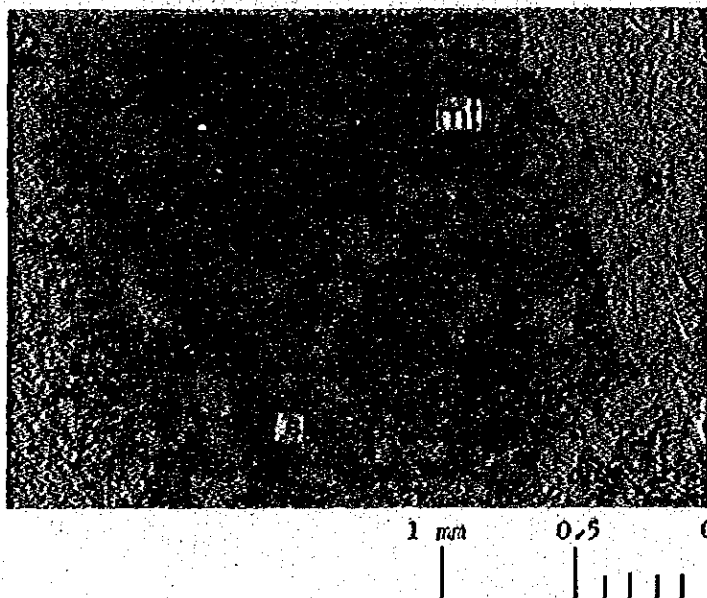
x 40

Equigranular texture

Minerals : Plagioclase, potash feldspar, quartz, biotite

Accessory minerals : Iron ore

Alteration minerals: Chlorite



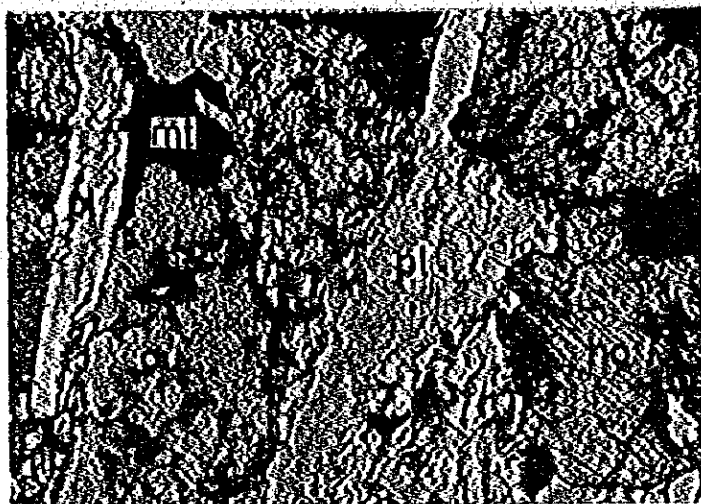
342-RE002, 6,
MP
Sandstone hornfels

x 40

Coarse to very coarse grained quartzose sandstone

Minerals : Quartz

Alteration minerals : Sericite

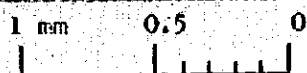


344-RE012, 10,

CG

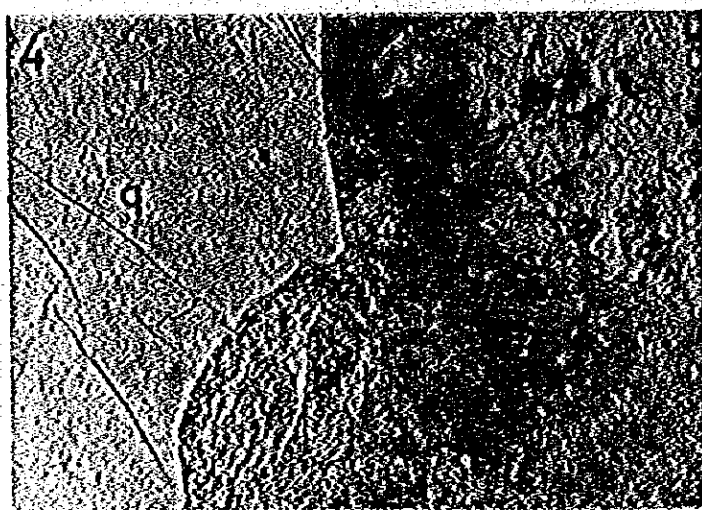
Hornblende augite gabbro

x 40



Hypidiomorphic texture

Minerals : Plagioclase, Augite, Hornblende, Magnetite

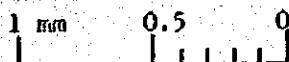


368 - RF019, 4

TV

Biotite quartz porphyry

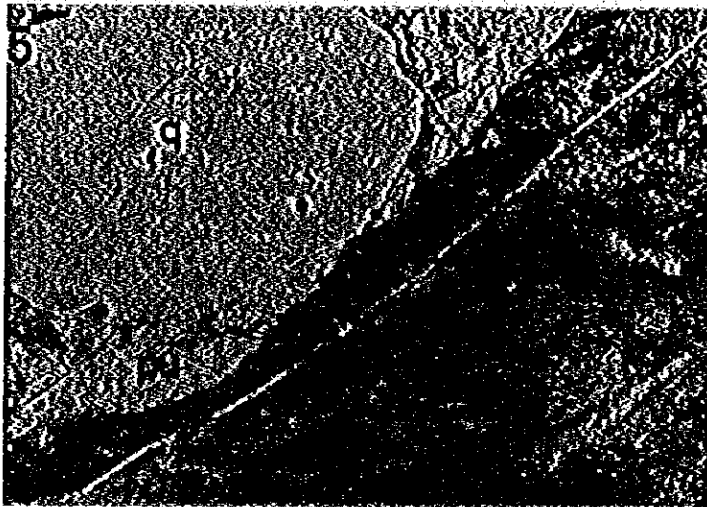
x 40



Porphyritic texture

Minerals : Quartz, plagioclase

Alteration minerals : Kaoline, Sericite

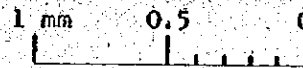


454-RG009, 4,

ND

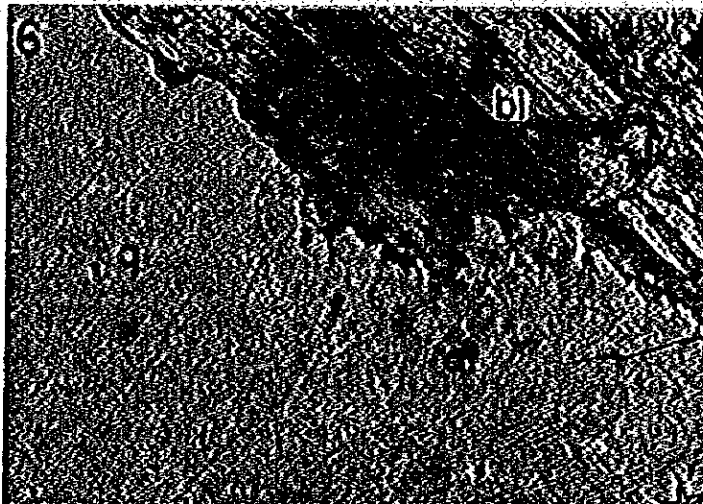
Tuff

x 40



Tiny fluidal texture

Minerals : Quartz, Plagioclase, (Pumice, Volcanic ash)



462 - RG087, 13

CG

Biotite granite

x 40

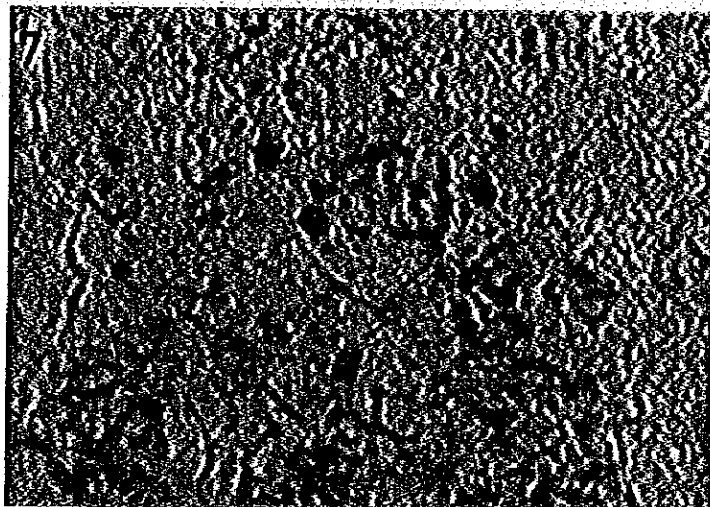


Granular texture

Minerals : Quartz, Alkali feldspar, Biotite

Accessory mineral : Sphene

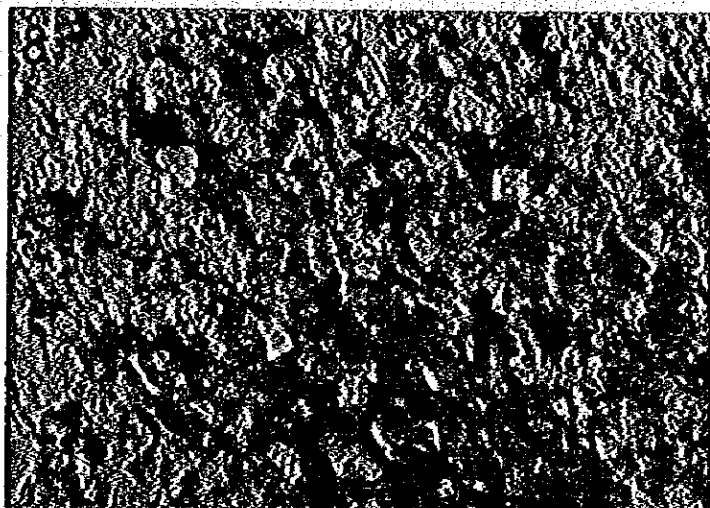
Alteration minerals : Chlorite, Clay mineral,
Sericite



466-RG106, 14,
PU
Silicified rock

x 100

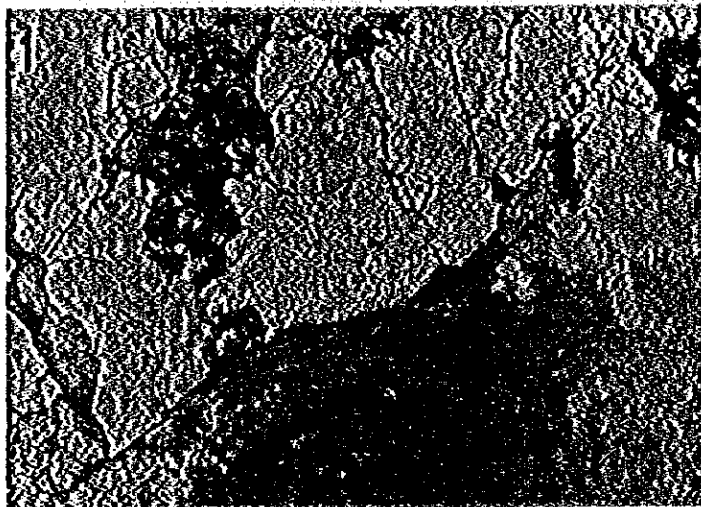
Alteration minerals : Quartz, Sericite, Clay mineral,



469 - RG118, 16
PU
Tuff

x 100

Minerals : Quartz, (Volcanic ash, Glass)
Alteration mineral : sericite

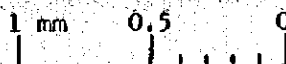


496-RH001, 7,

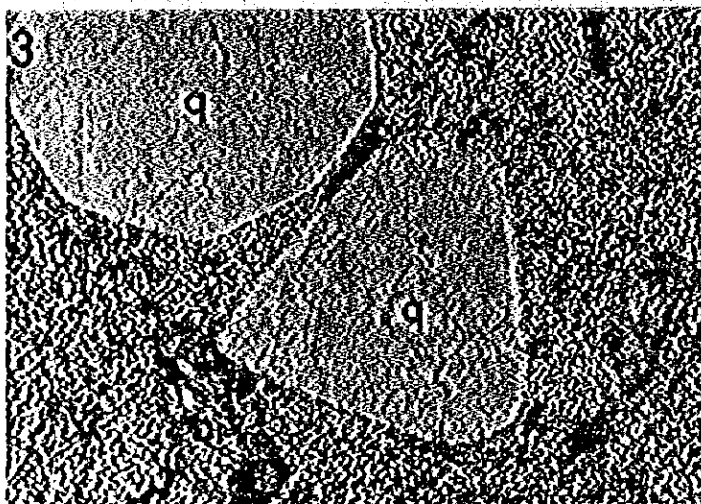
PU

Silicified conglomeratic
limestone

x 40



Conglomeratic coarsely crystallized limestone (upper)
is partly replaced by microquartz (lower).

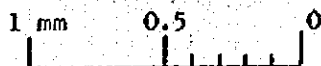


498 - RH019, 8

MP

Biotite quartz porphyry

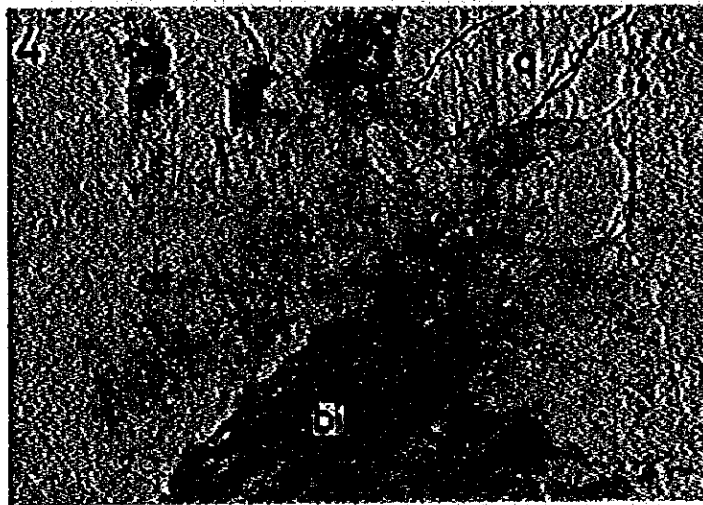
x 40



Dorphyritic texture

Quartz is partly corroded and contains gas cavity.

Alkali feldspar is almost altered to sericite and clay minerals.

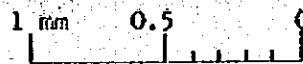


501-RH030A, 10,

CG

Biotite granite

x 40

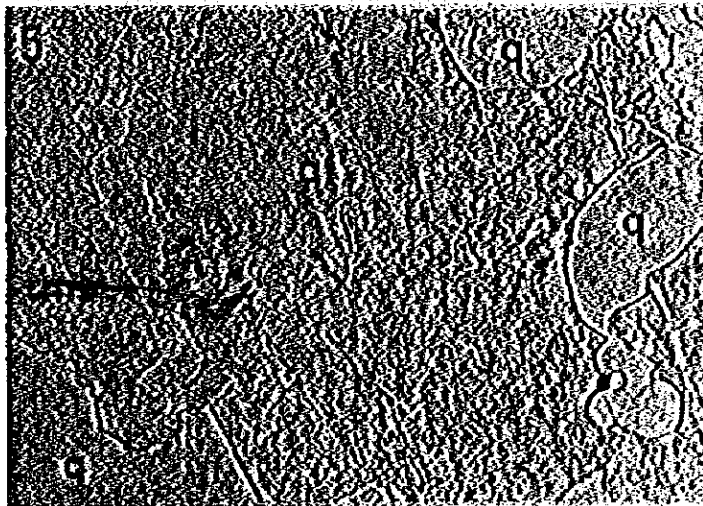


Granular texture

Minerals : Quartz, Alkali-feldspar, Plagioclase, Biotite

Alteration minerals : Kaolinite, Sericite

Black magnetite

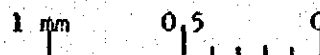


502 - RH030B, 10

CG

Micro muscovite granite

x 40

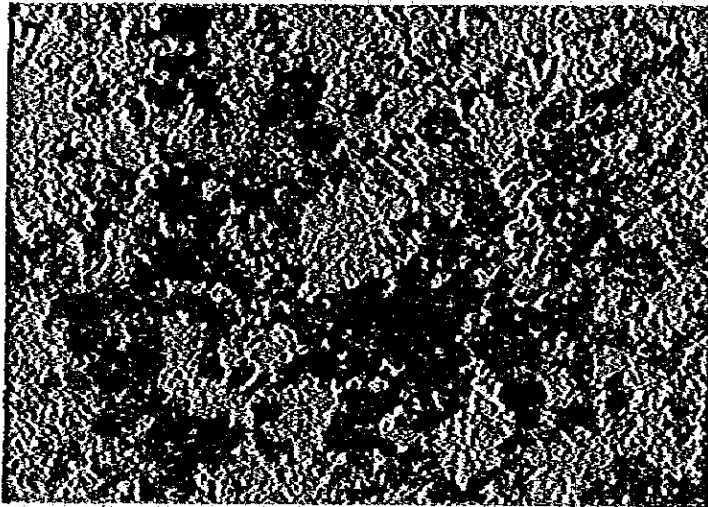


Granular texture

Minerals : Quartz, Alkali-feldspar, Plagioclase, Muscovite

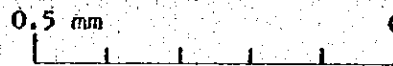
Alteration minerals : Chlorite, Sericite,

Clay minerals, Limonite

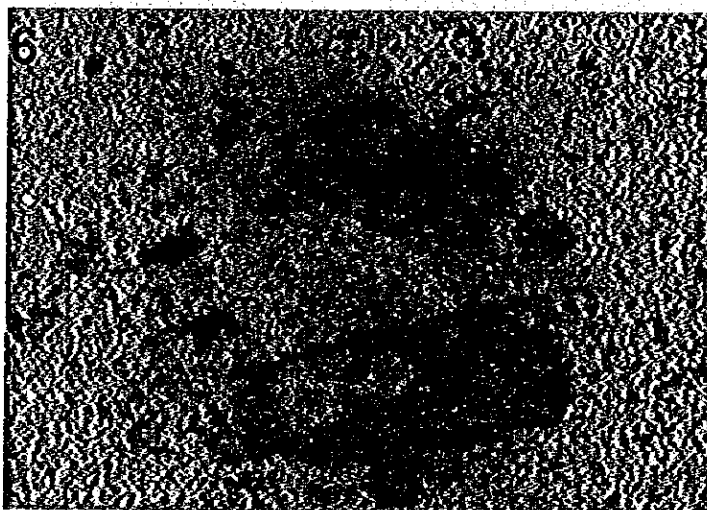


503-OH038, 12,
PU
Silicified rock

x 100

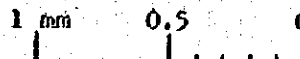


The original rock is andesitic tuff.
Volcanic fragment : Pyroxene, calcite, very fine substances
(quartz, plagioclase, volcanic glass,
black iron ore).

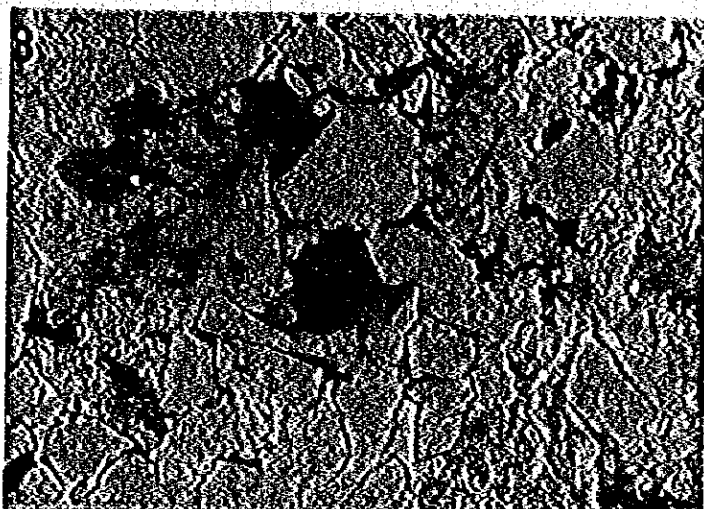


505 - RH040, 12
TM
Hornblende porphyrite

x 40

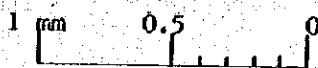


Porphyritic texture
Minerals : Plagioclase, Hornblende (plagioclase alters to
clay minerals perfectly)

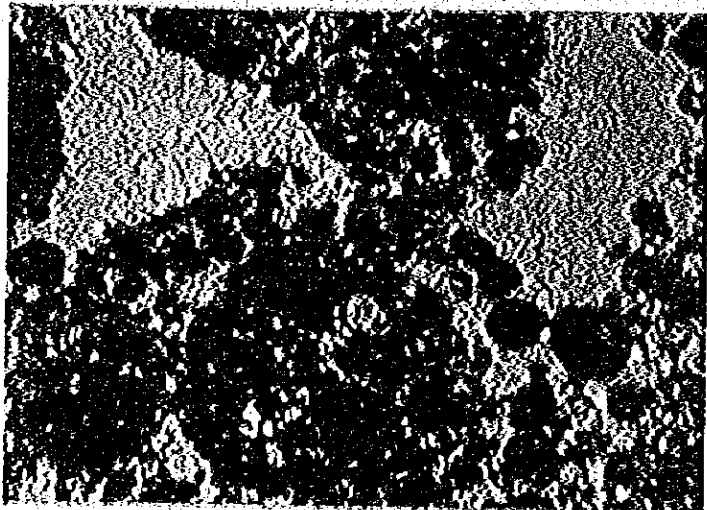


506-RH050, 18,
MI
Arkose sandstone

x 40

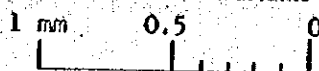


Quartz (clear) and feldspar (clouded) grains are cemented
by silty matrix.

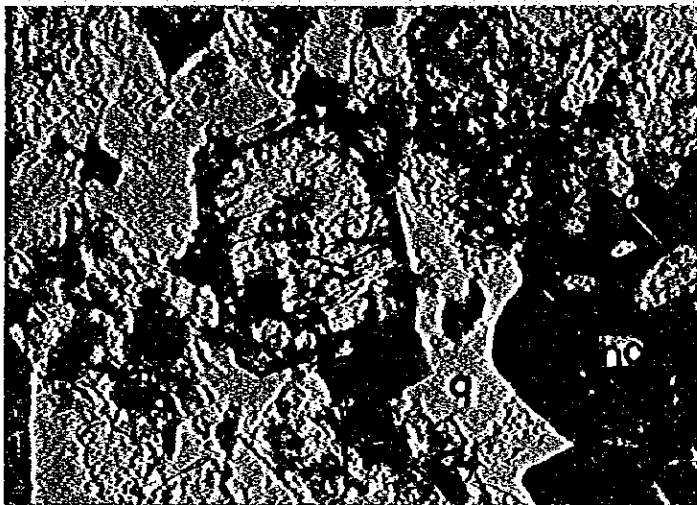


568 - RI005, 4
OR
Pelsparite

x 40



Various size of pellets (dark) in sparry calcite (clear)
matrix.



580-RI086, 19,

MD

Quartz augite hornblende
diorite

x 40

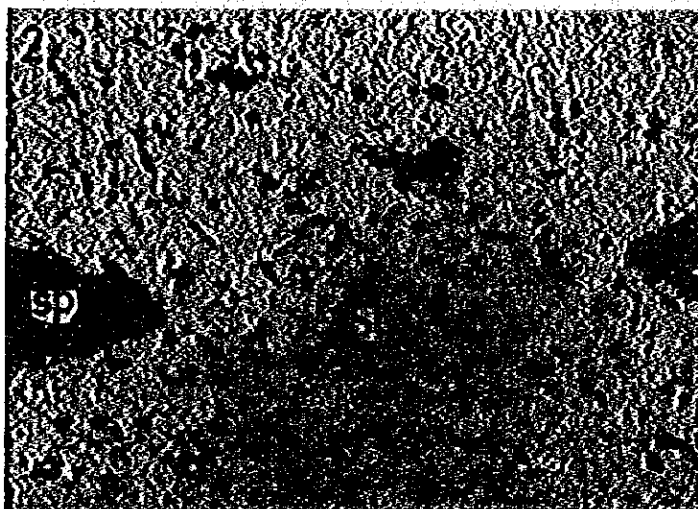


Hypidiomorphic texture

Minerals : Quartz, Plagioclase (Andesine), Hornblende, Augite

Accessory minerals : Magnetite, Apatite

Alteration minerals : Kaolinite, Sericite.

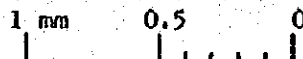


586 - RI103, 15

CH

Biotite hornblende
porphyrite

x 40

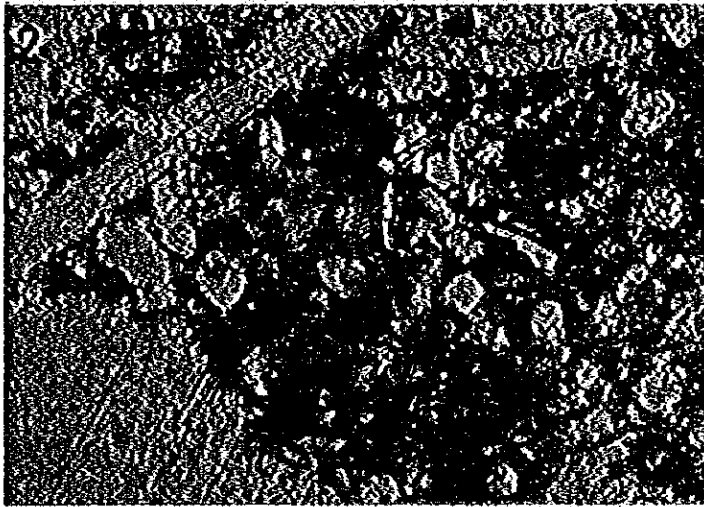


Porphyritic texture

Minerals : Plagioclase, Biotite, Hornblende

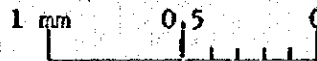
Accessory minerals : Sphene, Ilmenite, Magnetite

Alteration mineral : Sericite

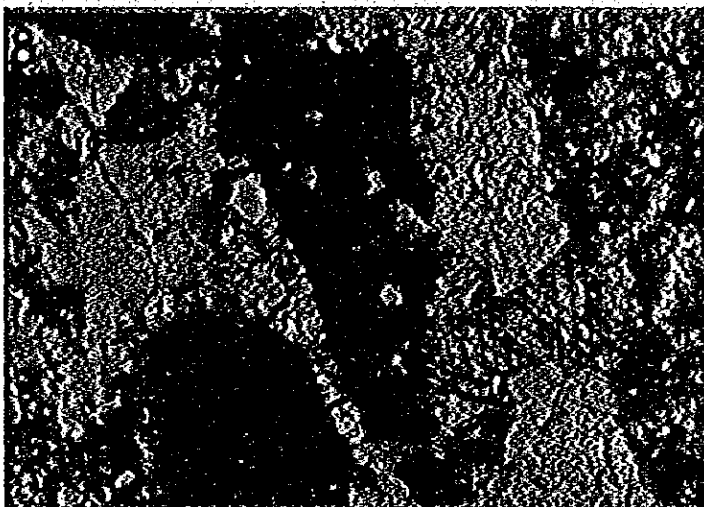


588-RI122, 15,
PU
Echinoidal biomierite

x 40

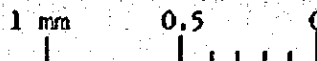


Spines (cylindrical form) and plate (left lower corner)
of echinoid are cemented with micrite.



592 - RI141, 19
PU
Conglomeratic limestone.

x 40



Angular and rounded comierite (center), and radiolarian
biomierite (left and right sides) of intraclasts are cemented
by coarsely crystallized sparry calcite.

Fig. 12-1 Photomicrographs of Pb-ore I

A: (349, OE 287)

Galena (white) is closely associated with
bladed shaped gangue minerals (dark gray).

B: (394, OE 287)

Same as A, white granular grains are pyrite.

C: (351, OE 289)

Irregular shaped galena mass.

D: (351, OE 289)

Galena is replaced by fine nonopaque mineral
(dark gray, cerrussite?), showing "dusty" texture.

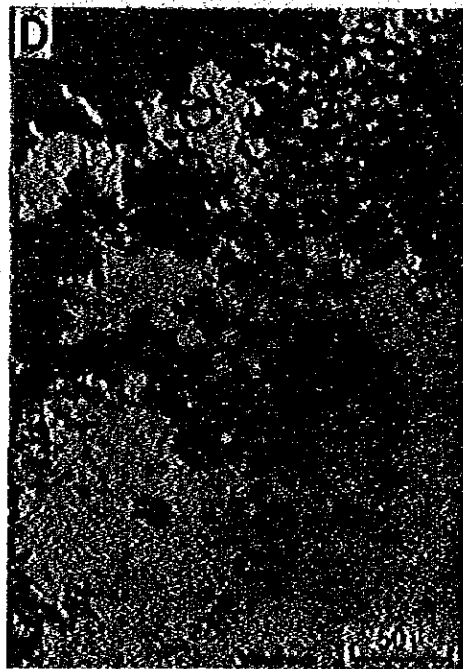
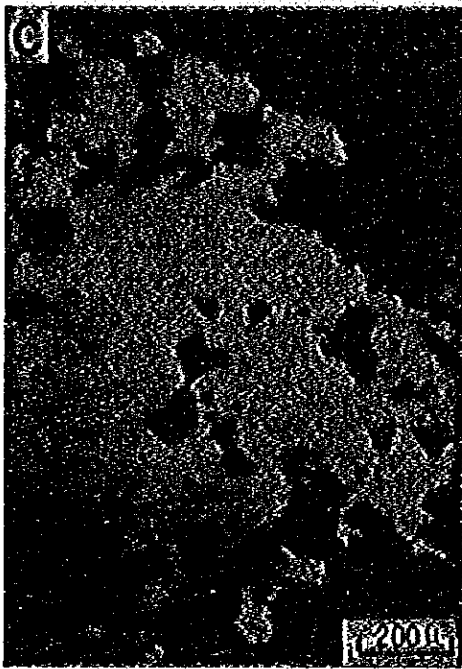
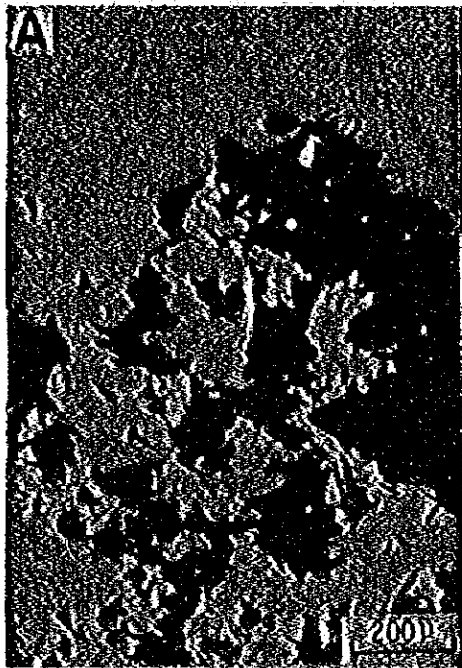


Fig. 12-2 Photomicrographs of Pb-ore II

A: (366, OF 017)

Galena (white) and aggregates of fine grains of pyrite (white, granular shaped).

B: (366, OF 017)

Galena (white) is filling interstitial among euhedral crystals of gangue minerals (dark gray).

C: (397, OF 073)

Deformed texture in galena.

D: (457, OG 027)

Galena (white) and sphalerite (light gray) veinlets cut-across gangue minerals (dark gray, rough).

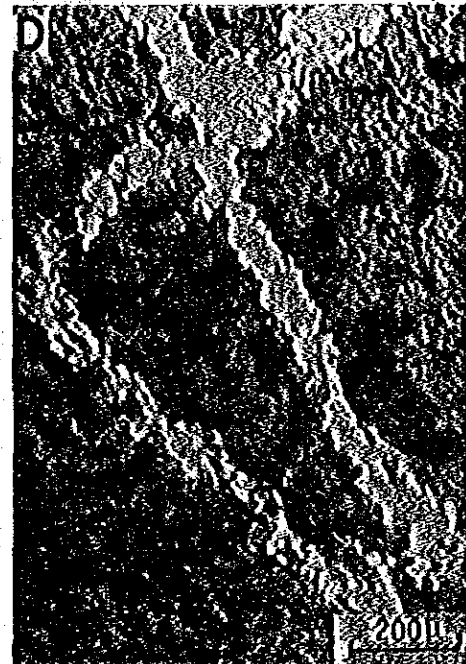
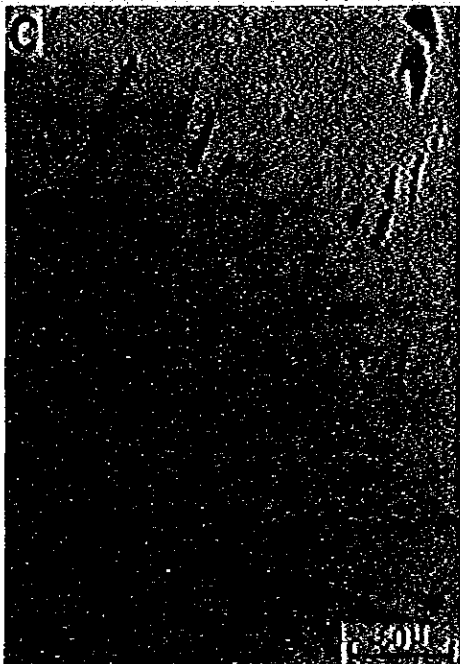
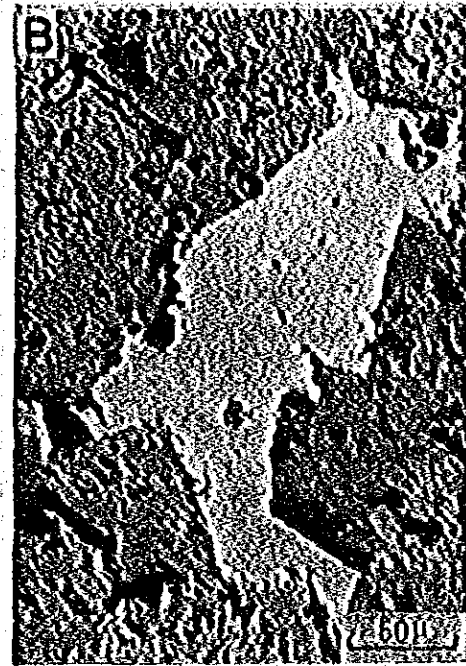
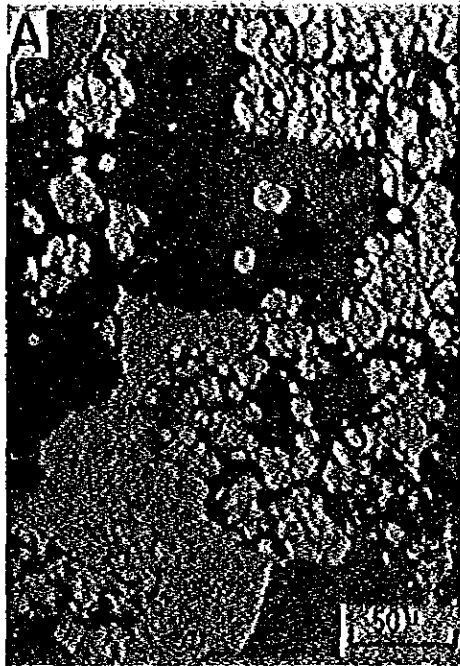


Fig. 12-3 Photomicrographs of Zn-ore I

A: (384, OF 053)

Sphalerite (white).

B: (384, OF 053)

Galena (white) replaced by smithsonite (pale gray).

C: (388, OF 057)

Original galena crystals are replaced by smithsonite (pale gray), true gangue (darker).

D: (384, OF 053)

Fine replacement texture galena (white) and smithsonite (light gray).

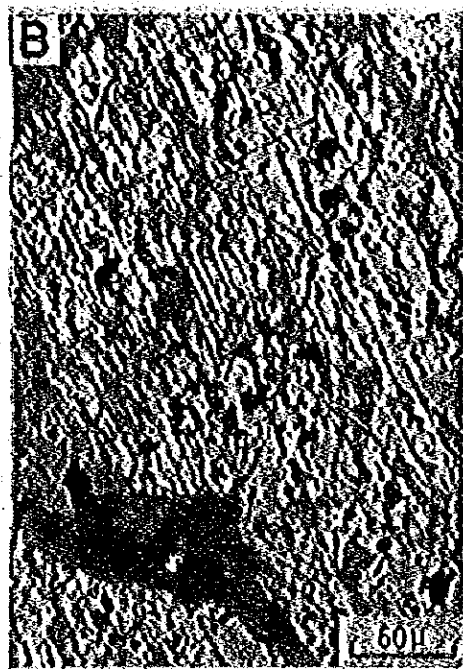


Fig. 12-4 Photomicrographs of Zn-ore II

A: (393, OF 064)

Galena (light gray).

B: (393, OF 064)

Tiny spherical pyrite crystals (white) concentrate
in gangue veinlet (dark gray) among sphalerite
(light gray).

C: (393, OF 064)

Tiny pyrite (white) rims sphalerite (light gray).

D: (393, OF 064)

Radial aggregate crystal of pyrite (white) replaced
by goethite (gray).

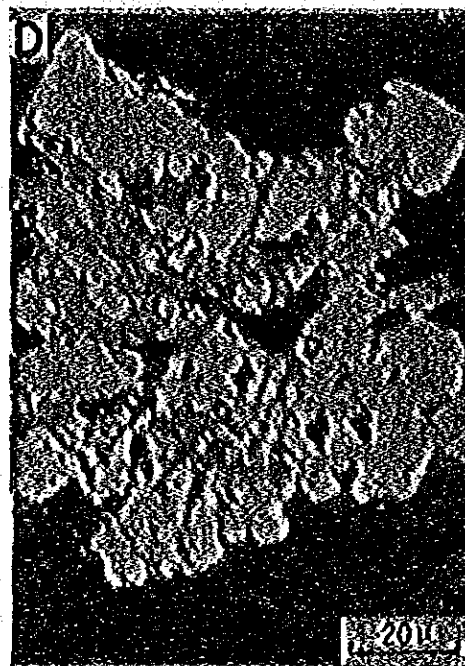
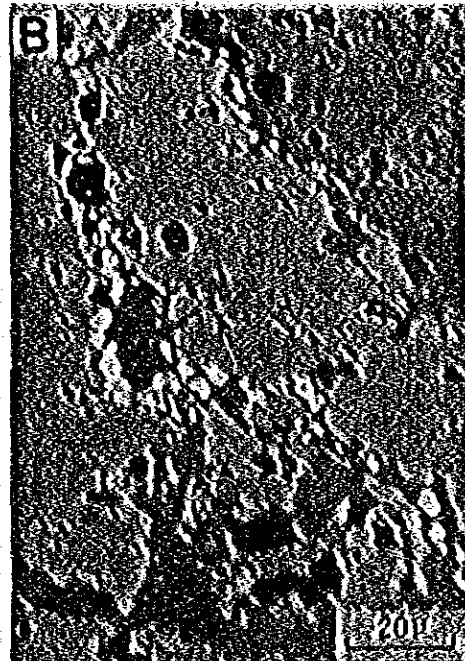


Fig. 12-5 Photomicrographs of Zn-ore III

A: (461, OG 079)

Sphalerite (dark gray) with exsolved chalcopryrite (light gray) is coexisting with galena (white).

B: (461, OG 079)

Sphalerite with chalcopryrite dods coexisting with idiomorphic arsenopryrite (white).

C: (461, OG 079)

Idiomorphic crystal of arsenopryrite contacts with sphalerite (light gray).

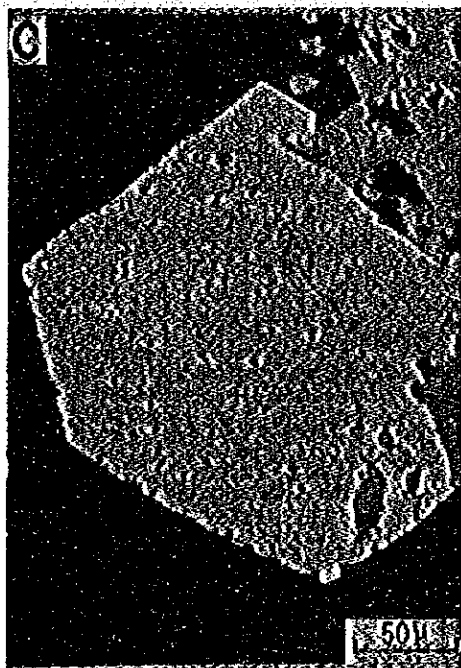
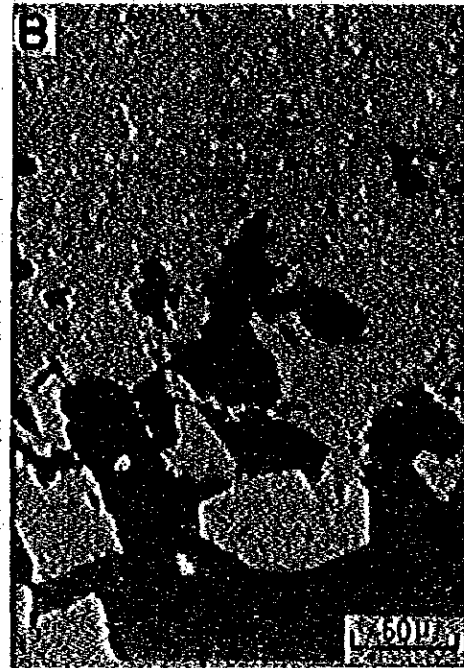
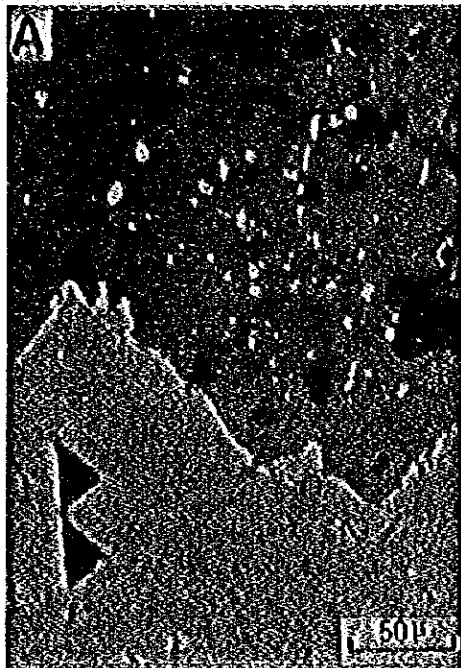


Fig. 12-6 Photomicrographs of Cu-ore I

A: (293, A 024)

Irregular shaped tennantite mass (white).

B: (293, A 024)

**Arsenopyrite crystal (white) is contained in
tennantite (light gray) which is replaced by
chalcocite and covellite (dark gray) at rim.**

C: (579, 01 082)

**Radial aggregate crystals of pyrite (white)
replaced by goethite (gray).**

D: (293, A 024)

Idiomorphic hexagonal crystal of arsenopyrite.

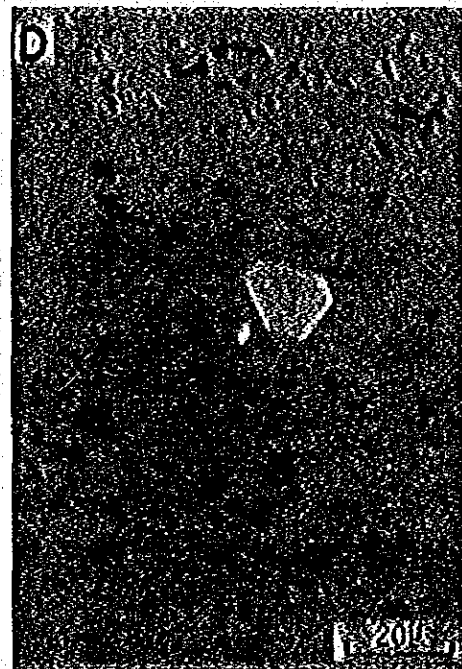
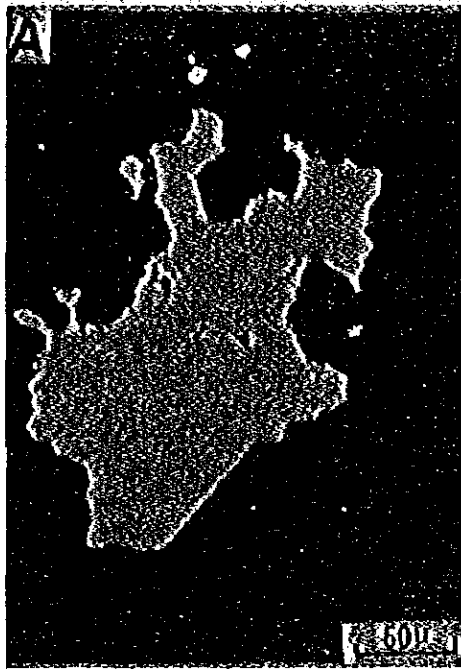


Fig. 12-7 Photomicrographs of Cu-ore II

A: (350, OE 288)

Tennantite (light gray) contains tiny chalcopyrite blebs (white) and replaced by thin covellite veinlet (gray).

B: (350, OE 288)

Tennantite (light gray) coexisting with chalcopyrite (white).

C: (350, OE 288)

Chalcopyrite (white) grain replaced by chalcocite (light gray).

D: (396, OF 072)

Chalcocite (white, outer) and digenite-bornite like minerals (light gray, inner).

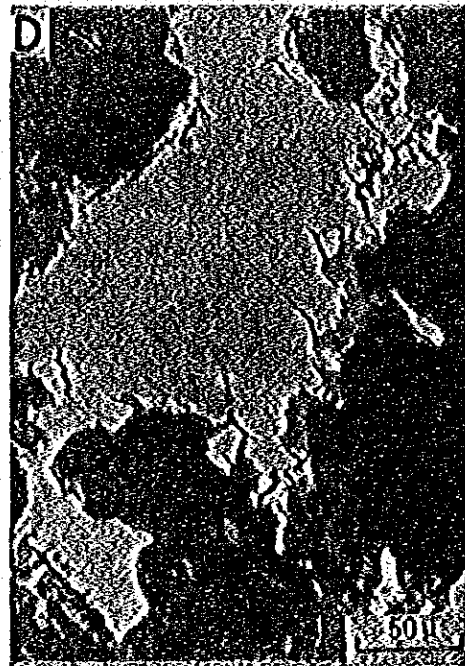
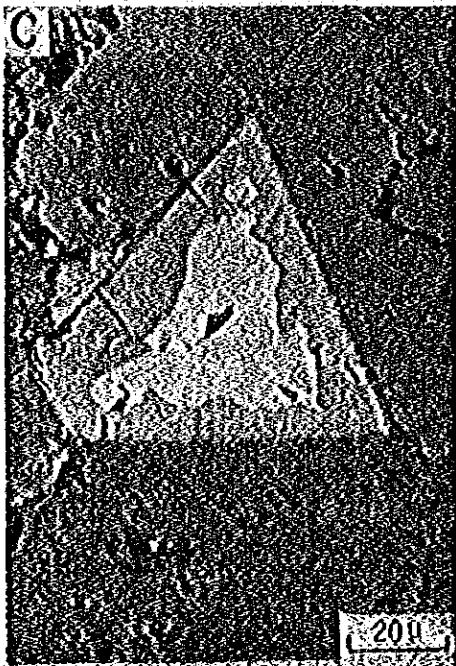
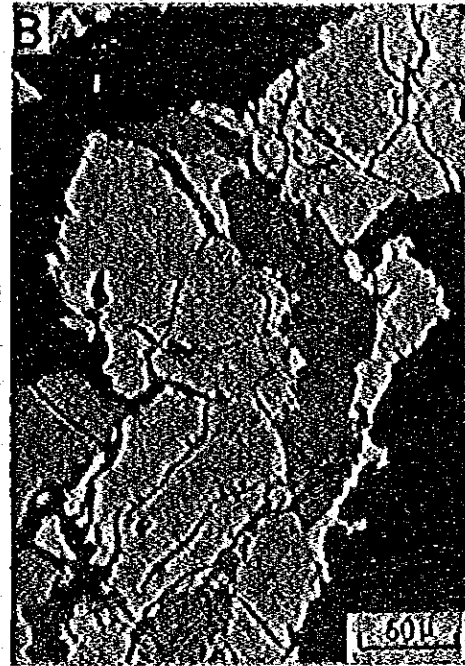
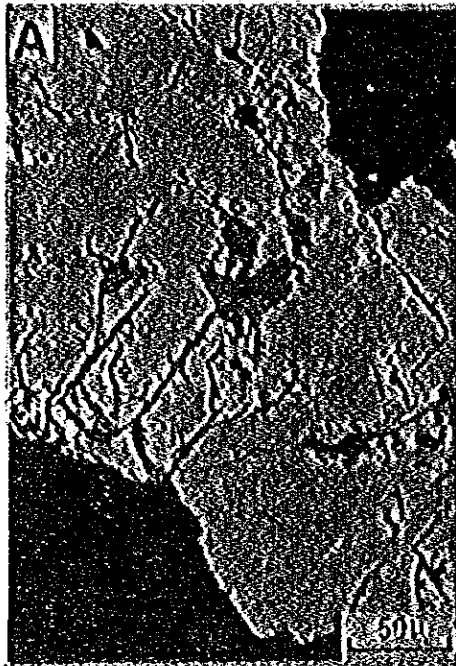


Fig. 12-8 Photomicrographs of Cu-ore III

A: (579, OI 082)

Pyrite (light gray) and chalcopyrite (gray).

B: (579, OI 082)

Chalcopyrite (white) replaced by chalcocite-covellite (dark gray rim of chalcopyrite) and iron hydroxide (dark gray, rough surface).

C: (579, OI 082)

Chalcocite veinlet (gray) replace chalcopyrite (white).

D: (292, A 023)

Spherical pyrite, "mineralized bacteria?"

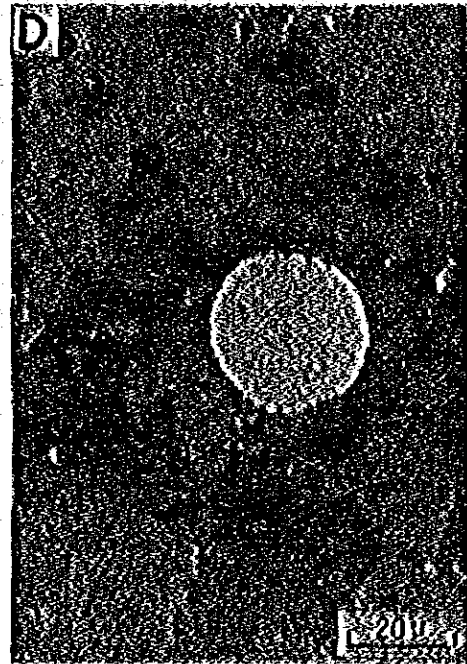
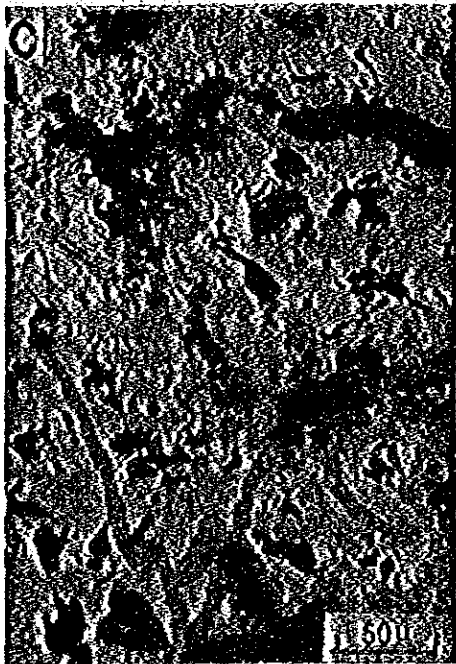
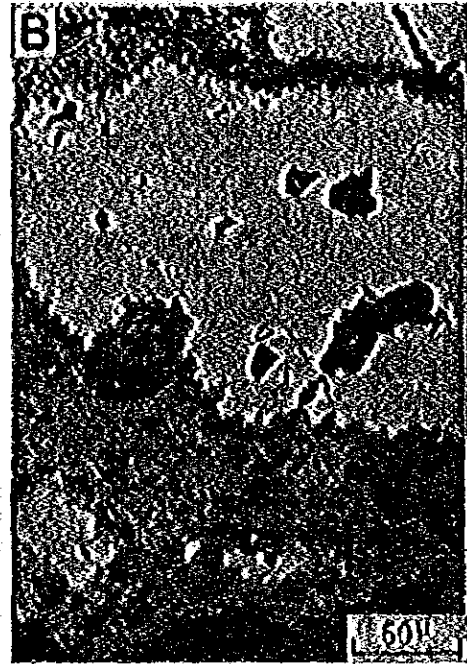
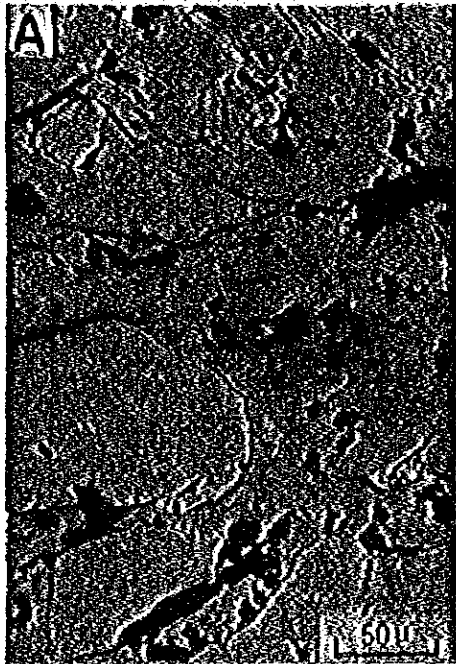


Fig. 12-9. Photomicrographs of limonite gossan I

A: (316, D 063)

Skeletal crystal of hematite? (white) in
limonite.

B: (381, OF 050)

Aggregate of goethite.

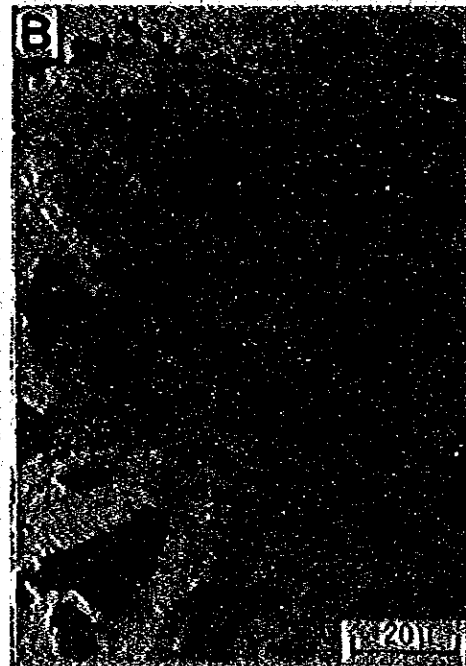
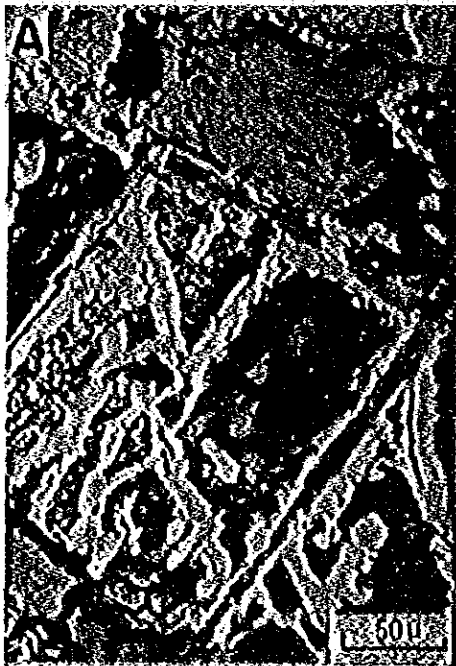


Table 8. Chemical Composition of Ore Samples

Sample No.	Field No.	Analysis			Remarks
		Cu %	Pb %	Zn %	
220	S014	0.002	0.088	0.025	Crystalline dolomite in the Pucara Group Crystalline dolomite showing zebra structure (Pucara Group) do. do.
259	C013A	0.001	0.012	0.018	
264	C021	0.001	0.054	0.030	
279	A002	0.004	0.081	0.021	
292	A023	0.008	0.420	0.048	Galena minute crystals bearing limestone (Pucara Group) intruded by diorite
293	A024	0.740	0.016	0.066	Copper oxide bearing quartz veinlet in limestone (Pucara Group)
294	A025	0.092	0.032	0.032	Copper oxide bearing limestone (Pucara Group)
306	D009	0.004	0.016	0.013	Crystalline dolomite showing zebra structure (Pucara Group)
316	D063	0.032	0.029	0.058	Limonite vein (15cm in width) in schist
343	OE011	< 0.001	0.005	0.22	Sphalerite minute crystals bearing pyramite vein in the cretaceous granite
345	OE024	0.001	0.006	0.67	Limonite gossan (float)
346	OE029	0.002	0.009	0.031	Galena minute crystals bearing Limestone (float)
348	OE050	0.001	0.059	1.02	Limonite gossan (35cm in width) in the Pucara Group
349	OE287	0.032	71.0	5.60	Galena ore of Pichita Caluga mine in the Pucara Group
350	OE288	2.02	0.69	0.41	Copper Oxide ore of Pichita Caluga Mine
351	OE289	0.048	11.3	41.2	Sphalerite ore of Pichita Caluga Mine
352	OE290	0.003	0.073	0.33	Limonite vein (5cm in width) in limestone (Chonta Group)
362	OF007	0.002	0.27	0.14	Galena minute crystals bearing limestone (Pucara Group)
366	OF017	0.002	15.8	0.63	Galena ore of Quintanilla mine in the Pucara Group
367	OF018	< 0.001	81.3	0.019	do.
381	OF050	0.009	0.040	0.036	Pyrite lens in Breccia dolomite (Pucara Group)
382	OF051	0.005	0.038	0.15	do.
383	OF052	0.001	0.008	0.41	Limonite gossan in zebra dolomite (Pucara Group)
384	OF053	< 0.001	0.036	23.4	Zn ore in zebra dolomite (Pucara Group)
385	OF054	0.001	0.007	0.33	Limonite gossan in zebra dolomite (Pucara Group)
386	OF055	0.001	0.013	21.8	Zn ore in zebra dolomite (Pucara Group)
387	OF056	0.001	0.028	37.8	do.
388	OF057	< 0.001	0.38	17.3	do.
389	OF058	< 0.001	0.012	28.0	do.
392	OF063	0.010	0.061	45.5	do.
393	OF064	< 0.001	0.038	22.5	do.
394	OF065	< 0.001	0.029	50.6	do.
396	OF072	0.16	0.007	0.43	Copper oxide in Silicified limestone (Pucara Group)
457	OG027	0.002	0.83	1.90	Galena and Sphalerite veinlets bearing dolomite (float)
461	OG079	0.023	0.72	1.09	Pyrite and Sphalerite crystals bearing silicified rock (float)
468	OG116	0.002	0.041	0.11	Crystalline dolomite showing zebra structure (in Pucara group)
471	OG123	0.008	0.008	0.066	Limonite gossan in the Mesozoic diorite
499	OH020	0.003	2.06	22.7	Galena ore (float)
503	OH038	0.006	0.010	0.052	Fe ore mineral bearing skarn
504	OH039	0.008	0.038	0.49	do.
579	O1082	0.82	0.002	0.015	Copper oxide ore in the chloritized Mesozoic diorite

**Table 9. Chemical and Normative Composition
of Igneous Rocks**

Sample No.	229	271	287	301	320	324
Field No.	B001	C028	A016	A037	D069	D079
Rock Name	Diorite porphyry	Microdiorite	Schistose Diorite	Diorite	Granitic Rock	Porphyritic Diorite
Locality	7G	11D	14B	19B	13B	13C

(Chemical composition)

SiO ₂	57.69	48.69	46.19	58.01	67.87	70.33
TiO ₂	0.65	1.94	1.90	0.78	0.44	0.46
Al ₂ O ₃	19.17	17.13	19.61	18.77	15.38	14.60
Fe ₂ O ₃	2.48	3.01	4.05	4.33	0.47	1.17
FeO	1.82	6.24	5.61	1.16	2.34	2.27
MnO	0.14	0.15	0.14	0.16	0.06	0.08
MgO	1.10	4.84	4.28	1.07	0.82	0.94
Na ₂ O	5.27	3.27	2.73	5.02	4.18	3.08
K ₂ O	4.85	2.33	0.64	3.88	3.36	3.05
H ₂ O (-)						
H ₂ O (+)						
P ₂ O ₅	0.19	0.73	0.74	0.24	0.18	0.16
CO ₂	0.21	0.67	0.16	0.18	0.97	0.20
CaO	4.24	7.26	10.09	5.61	2.27	2.02
Total	97.81	96.26	96.14	99.21	98.34	98.36
MgO	7.21	24.78	25.31	7.12	7.37	9.05
FeO	26.52	46.24	54.76	33.67	24.82	31.95
(Na, K) ₂ O	66.27	28.98	19.23	59.21	67.81	59.00

(Normative composition)

Q	0	0	1.56	3.36	26.25	34.83
Or	28.38	13.91	3.90	22.82	20.03	17.81
Ab	44.56	27.79	23.07	42.47	35.13	26.21
An	14.46	25.03	39.22	17.24	4.17	7.79
Ne	0	0	0	0	0	0
Di-Vo	1.86	0.81	2.09	3.14	0	0
Di-En	1.45	0.51	1.40	2.71	0	0
Di-Fs	0.21	0.26	0.54	0	0	0
Hy-En	0.36	10.08	9.24	0	2.01	2.31
Hy-Fs	0.05	5.08	3.55	0	3.30	2.64
Fo	0	0	0	0	0	0
Fa	0	0	0	0	0	0
Kf	3.70	4.40	5.79	1.85	0.69	1.62
Il	1.21	3.64	3.64	1.52	0.91	0.91
Ap	0.34	1.68	1.68	0.67	0.34	0.34
C	0	0	0	0	3.36	3.36
Hm	0	0	0	3.03	0	0
Total	96.58	93.19	95.68	98.81	96.19	97.82

Table 10. Radiometric ages of Igneous rocks

Sample No.	Field No.	Rock Name	Locality	Mineral	Sample Wt. (g)	K(%)	$^{40}\text{Ar}/^{40}\text{K}$	air Contami (%)	Age (m.y.)	Remarks
229	B001	Diorite Porphyry	7C	Whole rock	1.0594	4.00	0.000828	53.29	14	The rock occurs as a small stock intruding Chontá Group of late Cretaceous Period in the east of Oaxapampa. The microscopic study finds soda-augite from this rock.
271	C028	Microdiorite	11D	Whole rock	1.0461	1.44	0.012828	20.77	208	This rock occurs as batholith and it is heterogeneous.
287	A016	Schistose Diorite	14B	Whole rock	1.0483	0.53	0.017753	24.51	282	This rock occurs as batholith and it has strong schistosity.
301	A037	Diorite	19B	Whole rock	1.0234	3.27	0.001609	15.48	27	The rock occurs as stocks and dykes in Chontá Group, and it has the same character as B001 specimen.
320	D069	Granitic Rock	13B	Whole rock	1.0534	2.13	0.013816	4.74	223	This rock occurs as batholith and it is weakly crushed.
324	D079	Porphyritic Diorite	13C	Whole rock	1.0298	2.05	0.010379	11.73	170	This rock occurs as a stock and it is heterogeneous.

$$\lambda_e = 0.585 \times 10^{-10} \text{ yr}^{-1}$$

$$40\text{K}/\text{K} = 1.19 \times 10^{-2} \text{ atom.}\%$$

$$\lambda_\beta = 4.72 \times 10^{-10} \text{ yr}^{-1}$$

$$^{40}\text{Ar}_R : \text{radiogenic argon } 40$$

Table 11. List of Fossils

Sample No.	Field No.	Stratigraphical Units	Fossils	Estimated Age	Remarks
252	B030	Pucara Group	Euasteroceras ? sp.	Jurassic Sinemurian	Ammonoid
257	B013	Pucara Group	Pentacrinites sp.	Jurassic	Crinoid stem
261	B003 (A)	Pucara Group	Euasteroceras ? sp.	Jurassic Sinemurian	Ammonoid
263	B003 (B)	Pucara Group	Euasteroceras ? sp.	Jurassic Sinemurian	Ammonoid
255	G006	Chonta Group	Nuculana sp.	Cretaceous Tertiary ?	Bivalve
			Camptonectes sp.		"
			Nannetia ? sp.		"
			Lepton ? sp.		"
			Arctica ? sp.		"
			Terebratulid Gen. et sp. indet.	Jurassic	Brachiopoda
			Brachiopoda ? Gen. et sp. indet.		Echinoid
			Duethinoidea Gen. et sp. indet.		Nautiloid
263	C020	Pucara Group	Pseudaganites sp.		Bivalve
302	A038	Chonta Group	Ostrea (Crassostrea) sp.		Bivalve
300	D020	Chonta Group	Ostrea (Crassostrea) sp.	Cretaceous	Bivalve
278	FP047A	Pucara Group	Metopbicerus sp.	Jurassic Sinemurian	Ammonoid
279	FP047B	Pucara Group	Arnioceras sp.	Jurassic Sinemurian	Ammonoid
451	FC002A	Pucara Group	Pteridace Gen. et sp. indeterminate	Jurassic Hettangian	Bivalve
452	FC003B	Pucara Group	Bivalve Gen. et sp. indeterminate		Bivalve
581	RI089	Pucara Group	Psiloceras planorbis (Soverby)		Ammonoid
618	FCP001	Pucara Group	Spanonites cf. latissulcatus (Quenstedt)		Ammonoid
623	FCP043	Pucara Group	Flabellirhynchia ? sp.	Middle Jurassic ?	Brachiopoda

Fig 13. Photographs of Fossils

Explanation of Plate

Fig. A-1,2,3. *Euastéroceras* ? sp.

A-1. Right side view of a large but compressed specimen,

B030, X 0.9

A-2. Right side view of another compressed specimen,

B003A, X 0.8

A-3. Hand specimen showing a crowded occurrence,

B003B, X 0.7

Fig. A-4, 5. "*Pentacrinites*" sp.

A-4a, b. Lateral view, X 2, and cross section, X 4, of
pentagonal stems, FB 013.

A-5. Cross section, X 4, of another specimen preserved
axial canal, FB 013.

Fig. A-6. *Psiloceras planorbis* (Sowerby)

Left side view of a slightly compressed specimen,

Fig. A-7, 8. *Arnioceras* sp.

Left and Right sides views of two compressed specimens,

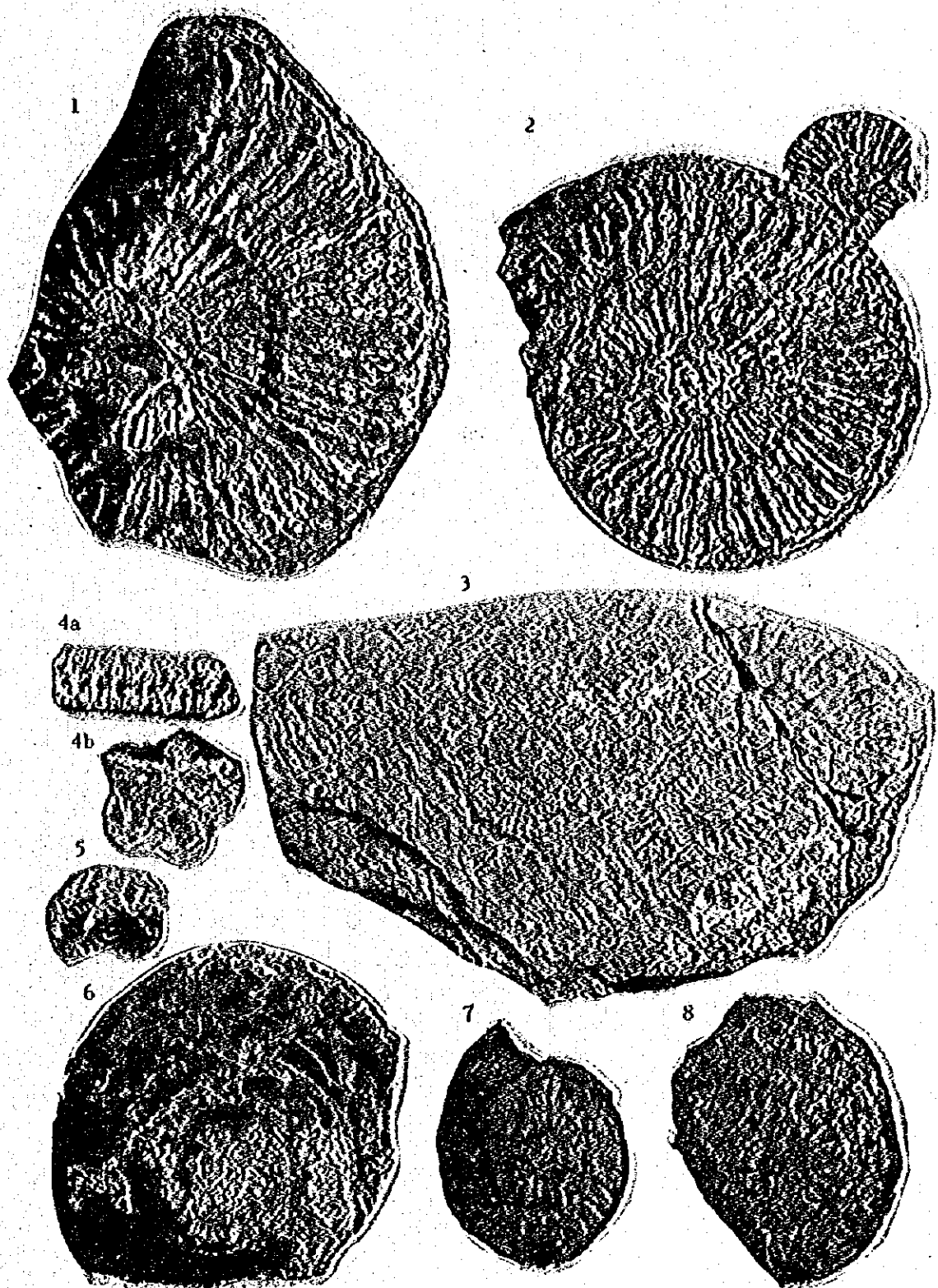


Fig - A

Explanation of Plate

Fig. B-1a, b. *Pseudaganites* sp.

Right side view and sagittal section on the weathered surface,
C020, X 0.6

Fig. B-2a, b. *Pteriidae* Gen. et sp. indet.

Internal and external molds of a fragmental left ? valve,
G003A, X 1.3

Fig. B-3, 4. *Epammonites* cf. *latisulcatus* (Quenstedt)

B-3a, b. Left side, X 1.2 and ventral side, X 1.1, views of a
slightly compressed specimen, FCP 001.

B-4a, b. Left and ventral sides views of another specimen,
FCP 001 -

Fig. B-5. *Metopliceras* sp.

Right side view of a compressed rather small specimen, FP
FP 047A, X 1

Fig. B-6a~c. *Flabellirhynchia* ? sp.

Brachial and pedicle valves and lateral view of a fragmental
specimen, FCP 043, X 2.5

Fig. B-7, 8. *Bivalvea* Gen. sp. indet.

Two poorly preserved specimen, FG 003B, x 1.2

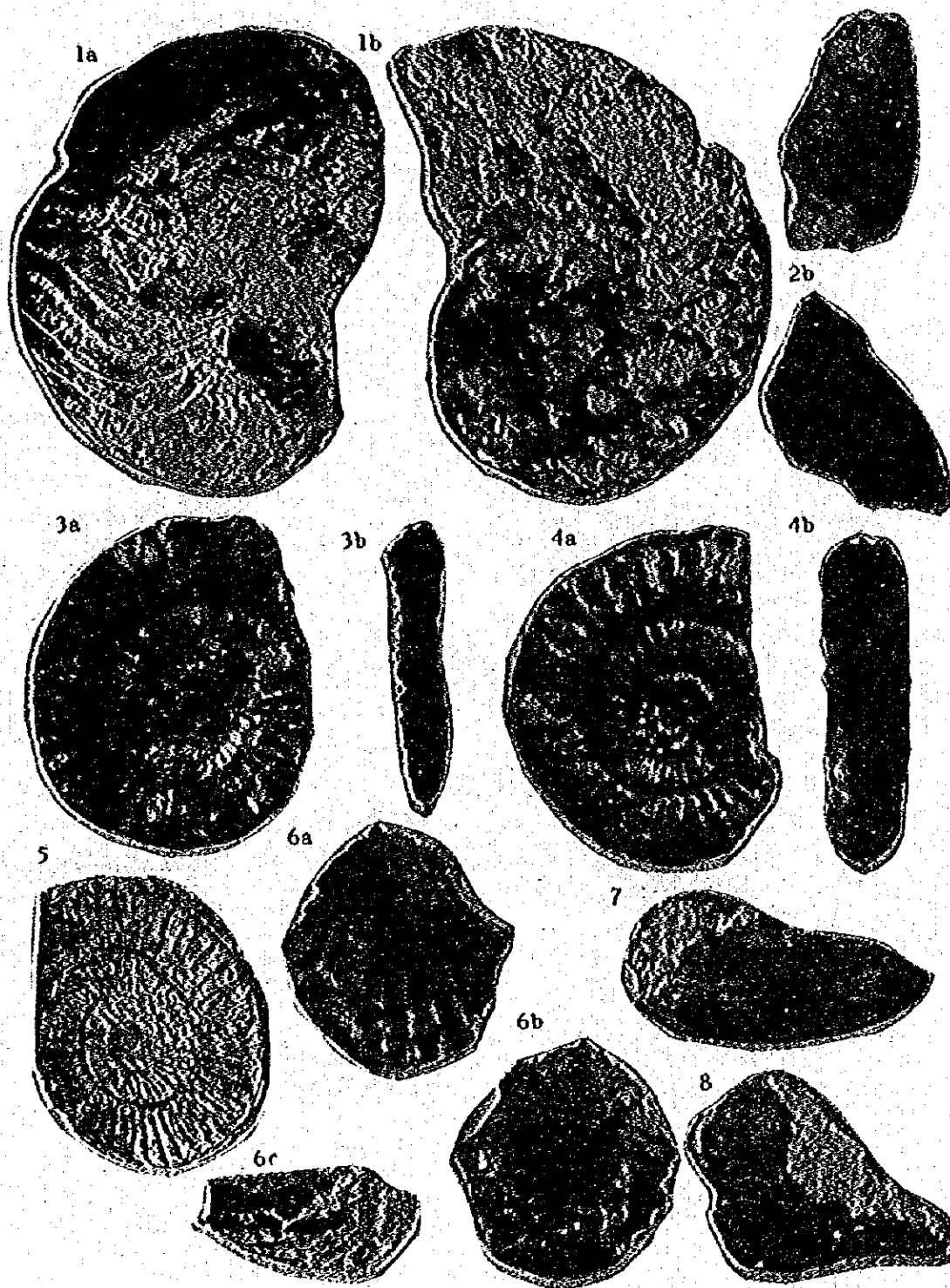


Fig - B

Explanation of Plate

Fig. C-1. *Nuculana* sp.

Left valve, C006, X 2

Fig. C-2. *Camptonectes* sp.

Left valve, C006, X 2.5

Fig. C-3. *Namnetia* ? sp.

Right valve, C006, X 0.9

Fig. C-4. *Lepton* ? sp.

Right valve, C006, X 1.5

Fig. C-5. *Arctica* ? sp.

Right valve, C006, X 1.5

Fig. C-6. Terebratulid Gen. et sp. indet.

Brachial valve, C006, X 1

Fig. C-7. Brachiopoda ? Gen. et sp. indet.

C006, X 3

Fig. C-8. *Ostrea* (*Crassostrea*) sp.

Left valve, A038, X 0.6

Fig. C-9-13. Euechinoidea Gen. et sp. indet.

C006, X 2.5

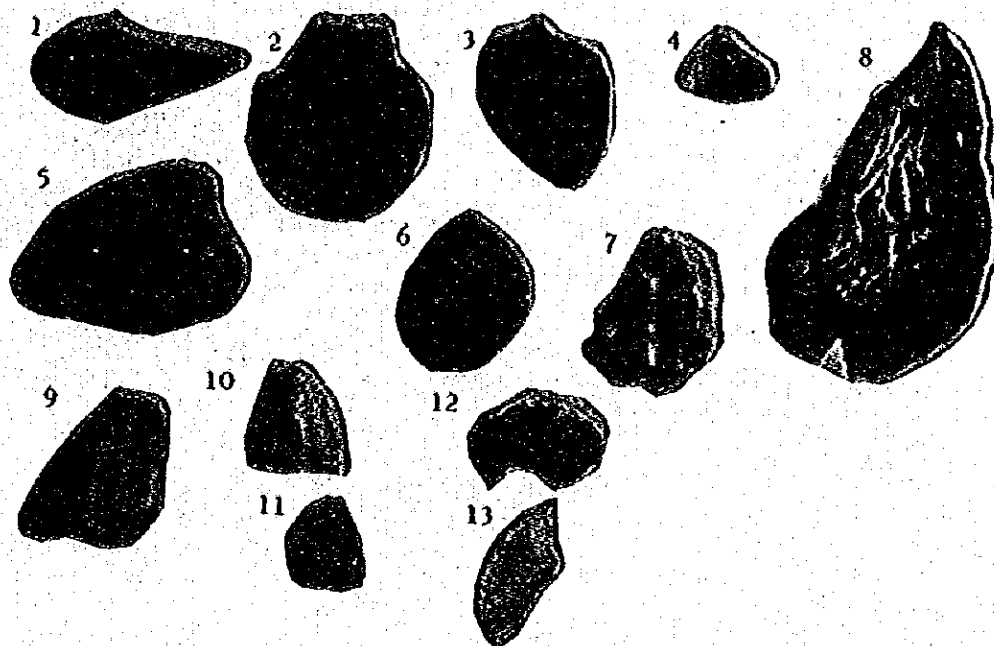


Fig - C

Table 12. Results of Pollen Analysis

Sample No.	Field No.	Locality		Formation	Rock name	Observations
		Coordination	Place name			
281	A007	19B		Tertiary	Mudstone	The detected pollens consist of Inaperturopollenites, Monopropollenites, Dipropollenites, Tripropollenites, Monocolpollenites, Tricolpollenites and pollens of Taxodiaceae, Pinus and etc., which are very few amount. While, very many amounts of spores, which are Monolete spore and some Trilete spores such as Lycopodium?, Gleichenioidites?, Lycopodium?, Cingulatisporites? and etc., were detected. Spore fossils occupy more than 85% in total fossils detected. Pollen of Pinus is a spore-type and relatively near recent type, and most of spores are small in size.
303	D003	19B		Sa	Tuffaceous fine sediment	The very few amounts of pollens and spores were detected. Such pollen as Inaperturopollenites, Monocolpollenites, Monopropollenites, Tricolporopollenites and pollens of Taxodiaceae, Pinus and etc. were detected. As a spore, Monolete spore and Trilete spore are recognized.
307	D012	19B		Sa	Shale	Only three pollens such as Tetrapropollenites, Tricolporopollenites and other unknown pollen are recognized. Spore is not detected.
308	D017	18B		Sa	Shale	Although the amounts of microfossils are very few in this sample, such pollens as Inaperturopollenites, Tripropollenites, Tricolporopollenites, Chenopodium and etc. are detected, and as spores, Triletespores and Monoletespore are recognized. The ratio of pollen and spore is 50:50. The geological age is not sure but may be Mesozoic, because it is generally believed that this type of Triletespore observed very seldom exists in Tertiary.
311	D039	19E		Tertiary	Mudstone	As pollens, Inaperturopollenites, Tripropollenites, Monocolpollenites, Tricolpollenites and etc. were detected. While as spores, Trilete spores such as Cingulatisporites and Gleichenioidites, were recognized. Monolete spore and etc. are observed very much. In this sample, Spores are more than pollens, and occupy 81.2% in total amounts of Fossils. The geological age of this sample may possibly be tertiary but comparing this sample with A007, this sample is considered to be little older than A007.

Table 13. Results of X-Ray Diffraction Test

- ◎ **Very abundant**
- **Abundant**
- **Common**
- **Rare**
- **Very rare**

(Reconnaissance Area)

Sample No.	field No.	minerals	Dolomite	Calcite	Quartz	Barite	Gypsum	Sericite	Chlorite	Plagioclase	Kaoline	Sphalerite	Smithsonite	Galena	Pyrite
218	S012		⊙	◦	◦					◦					
220	S014		⊙	•	•					◦					
238	B014		⊙	○						◦					
249	B028-1		⊙							◦					
250	B028-2		⊙	◦						◦					
259	C013 A		⊙	◦						◦					
260	C014		⊙	○	◦					◦					
264	C021		⊙	•	•					◦					
277	C034		⊙	•	◦					◦					
278	A001		⊙							◦					
279	A002		⊙	○	•					◦					
296	A027 *						⊙								
305	D008		⊙							◦					
306	D009		⊙							◦					

* Gypsum ore in Chonta Group

(Detailed Survey Area)

Sample No.	field No. minerals	Dolomite	Calcite	Quartz	Barite	Gypsum	Sericite	Chlorite	Plagioclase	Kaoline	Sphalerite	Smithsonite	Galena	Pyrite	Hematite	Montmorillonite
353	LE021	⊙	◦	•					◦							
354	LE195	⊙	○	◦					◦							
355	LE216	○	⊙	◦												
357	LE247	⊙	○	◦					◦						•	
358	LE254	⊙	◦	○												
369	CF030	⊙	⊙	◦					◦							
374	RF042	•	⊙	◦					•							
376	RF044	⊙	•	○					◦							
377	RF047	⊙	○	◦					◦							
380	RF050	⊙	○						◦							
390	RF059	⊙	◦	•					◦							
395	RF071		⊙	◦												
396	OF072		⊙	◦												
401	LF010	◦	⊙	○							◦					
402	LF012	⊙	◦	○	•				•							
403	LF017	•	⊙	◦												
405	LF040	⊙	○	◦					•							
406	LF051	⊙	◦	○					•							
407	LF087	◦	⊙	○							◦					
408	LF090	◦	⊙	◦												

Sample No.	field No. minerals	Dolomite	Calcite	Quartz	Barite	Gypsum	Sericite	Chlorite	Plagioclase	Kaoline	Sphalerite	Smithsonite	Galena	Pyrite	Hematite	Montmorillonite
409	LF096	⊙	◦	◦					◦							
410	LF098	⊙	◦	◦					◦							
411	LF109	⊙	◦	◦					◦							
412	LF110	⊙	◦	◦					◦							
413	LF112	⊙	◦	•					•		•					
416	LF160	◦	⊙	◦												
417	LF172	⊙	◦	◦					◦							
418	LF174	⊙	○	•												
421	LF200	○	⊙	◦												
422	LF201	⊙	◦	◦					◦							
423	LF202	○	⊙	◦									•			
424	LF265	⊙	○						◦							
425	LF279	◦	⊙	◦					•							
427	LF307	⊙	◦	•					•							
428	LF309	⊙	○	◦					◦							
429	LF318	⊙	○	○					•							
431	LF327	○	○	○												
433	LF335	◦	⊙	○					•		•					
435	LF342	⊙	◦	◦					◦							
436	LF376	⊙	◦						◦							

Sample No.	field No.	minerals														
		Dolomite	Calcite	Quartz	Barite	Gypsum	Sericite	Chlorite	Plagioclase	Kaoline	Sphalerite	Smighonite	Galena	Pyrite	Hematite	Montmorillonite
440	LP380	⊙	◦						◦							
441	LP381	⊙	◦	•					◦							
442	LP382	⊙	◦	○					◦							
444	LP390	⊙	○	○					◦							
446	LP393	◦	⊙	○												
447	LP395	⊙		○					•							
448	LP398	⊙	○	•					•						•	
449	LF435	⊙	○	◦					•							
450	LP436	◦	⊙	◦												
455	RG011	⊙	•	○					○							
456	RG021	⊙	•	⊙					•							
458	RG062	⊙	◦	⊙					•							
468	OG116	⊙	•	○					○							
470	RG120	⊙	○	⊙					◦							
472	LG119	⊙	○	◦					•		•					
473	LG124	⊙		•					◦							
474	LG136	⊙	○	◦					◦							
475	LG151	⊙	•	◦					◦							
477	LG177	⊙		◦					•		•					
479	LG200	⊙		◦					◦	•						

Sample No.	field No. minerals	Dolomite	Calcite	Quartz	Barite	Gypsum	Sericite	Chlorite	Plagioclase	Kaoline	Sphalerite	Smithsonite	Galena	Pyrite	Hematite	Montmorillonite
481	LG251	⊙	○						◦					•		
482	LG259	⊙	○						•							
483	LG266	⊙	○						◦							
484	LG278	◦	⊙	○												
486	LG286	⊙	○						◦							
487	LG293	⊙	○						◦							
488	LG326	⊙	◦	○					•							
489	LG330	⊙	○						•							
490	LG341	○	⊙	○												
491	LG360	⊙	○	◦					◦							
492	LG363	⊙	◦	◦					•							
493	LG366	⊙	◦	◦					◦							
495	LG461	⊙	○	◦					◦							
510	LH018	⊙	◦	◦												
511	LH051	⊙	◦	◦												
512	LH077	⊙	◦	◦												
513	LH081	◦	⊙	◦												
515	LH103	⊙	○	◦												
519	LH152	◦	○	○			•									
520	LH154	○	○	◦												

Sample No.	field No. minerals	Dolomite	Calcite	Quartz	Barite	Gypsum	Sericite	Chlorite	Plagioclase	Kaoline	Spalerite	Smithonite	Galena	Pyrite	Hematite	Montmorillonite
521	LH160	○	○	○												
523	LH169	◦	⊙	○												
524	LH171	⊙	○	•												
525	LH179	○	⊙	◦												
526	LH187	◦	⊙	◦			•									
527	LH189	⊙	◦	○												
528	LH196	◦	○	◦												
530	LH214	⊙	○	◦					•							
532	LH260	○	○	◦												
533	LH261	⊙	○	◦						•						
534	LH299	•	⊙	◦			•									
538	LH310	○	○	◦												
539	LH323	○	○	○												
542	LH329	⊙	◦	◦					◦							
543	LH332	⊙	◦	◦					◦							
545	LH335	⊙	○	•					•							
546	LH338 A	⊙	•	◦					◦							
547	LH338 B		○	⊙	•				○				•	•		
548	LH340	⊙	○	◦					◦				•			
549	LH344	◦	⊙	○							◦					

Sample No.	field No. minerals	Dolomite	Calcite	Quartz	Barite	Gypsum	Sericite	Chlorite	Plagioclase	Kaoline	Sphalerite	Smithsonite	Galena	Pyrite	Hematite	Montmorillonite
557	LH380	◦	○	⊙												
558	LH387	⊙	○	◦					◦							
560	LH389	⊙	○	◦					◦		•					
562	LH396	◦	⊙	○												
565	LH404		○	○					•		•					
567	LH422	○	○	○							•				•	
570	RI033	○	○	◦					•							
574	RI049	⊙	•	◦					•							
575	RI058		⊙	○												
576	RI060 B	○	⊙	◦					•							
577	RI065	⊙	⊙	○					•							
589	RI131	⊙	○	◦					○							
591	RI134	⊙	◦	○					◦							
593	LI001	◦	⊙	○												
594	LI002	○	⊙	•												
600	LI011	⊙	◦	◦					•							
601	LI012	⊙	◦	•					◦							
602	LI013	⊙	○	◦					•					•	•	
604	LI015	◦	⊙	○					◦							
606	LI017	◦	⊙	•			•									

Sample No.	field No. minerals	Dolomite	Calcite	Quartz	Barite	Gypsum	Sericite	Chlorite	Plagioclase	Kaoline	Sphalerite	Smithsonite	Galena	Pyrite	Hematite	Montmorillonite
607	LI018	•	⊙	◦												
608	LI019	⊙	○	•					•							
609	LI021	◦	⊙	○												
610	LI022	◦	⊙	○							◦					
611	LI023		⊙	○					•							
612	LI024	⊙	○	◦					•							
613	LI025	○	⊙	○												
614	LI026	⊙	○	•					•							
616	LI028	○	⊙	○					•							
617	LI029	⊙	•						•							

Fig-14 Chart of X-Ray Diffraction Test



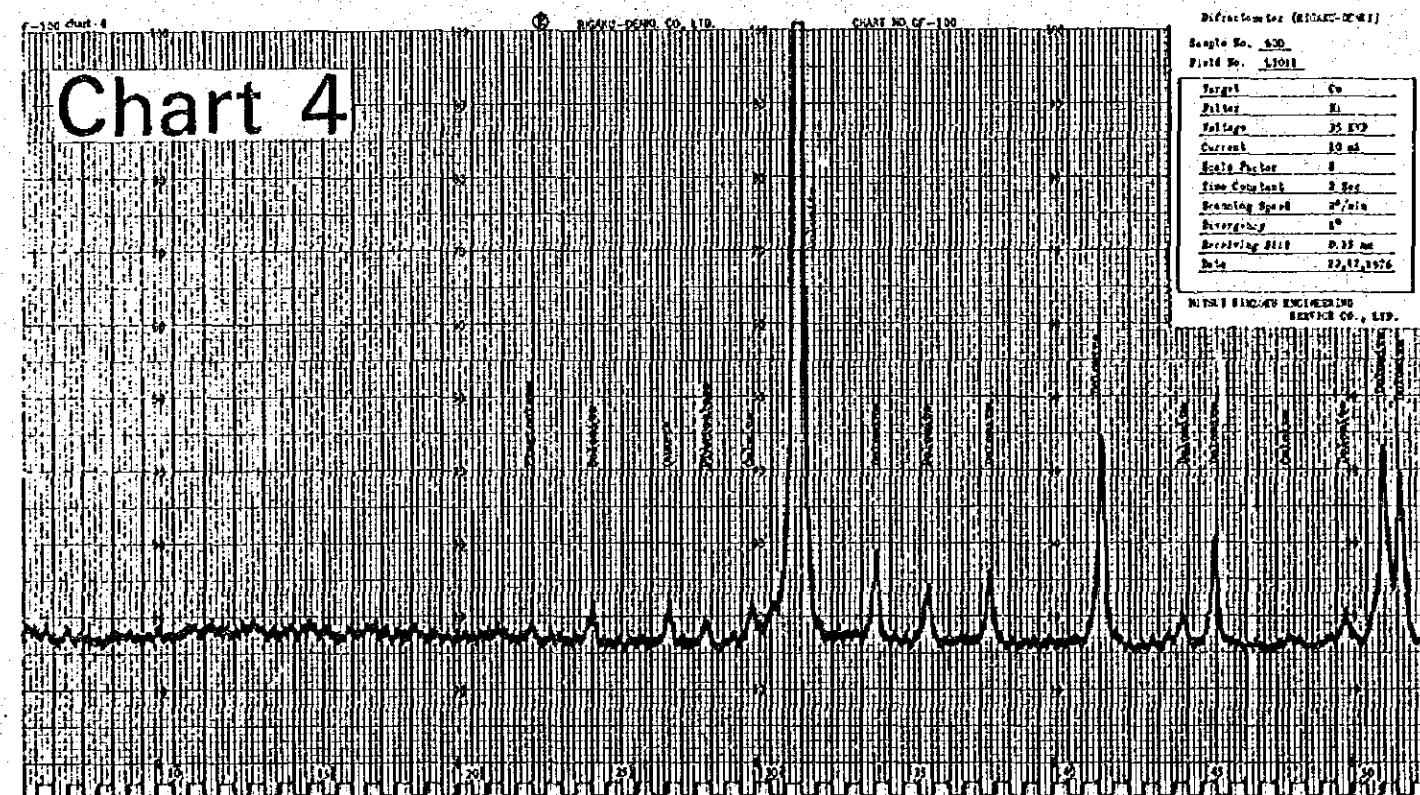
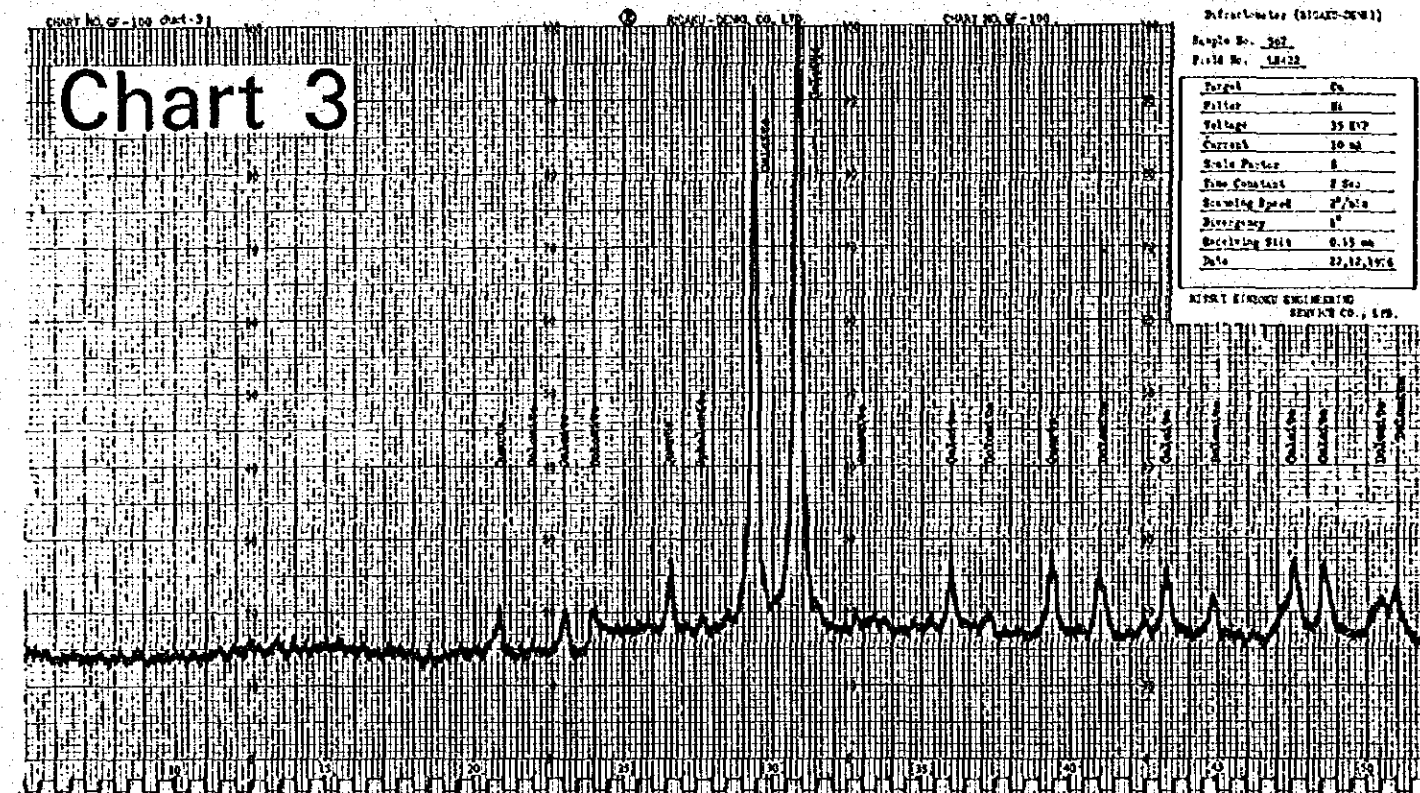


Table 14. Flow sheets of chemical analysis

1. (Cu, Zn, Ni, Mg, Sr)

Sample (1 g) (in 100 - 300 ml conical beaker).

← HCl + HNO₃ + H₂O (3:1:1, 20 ml).

← HClO₄ (5 ml).

Evaporation for consolidation.

← (1 + 1) HCl (8 ml).

Heating for solution.

Cooling (at room temperature).

Transferring in 100 ml beaker.

Shaking.

Filtration (No. 6, 9 cm).

Atomic absorption.

2. (F)

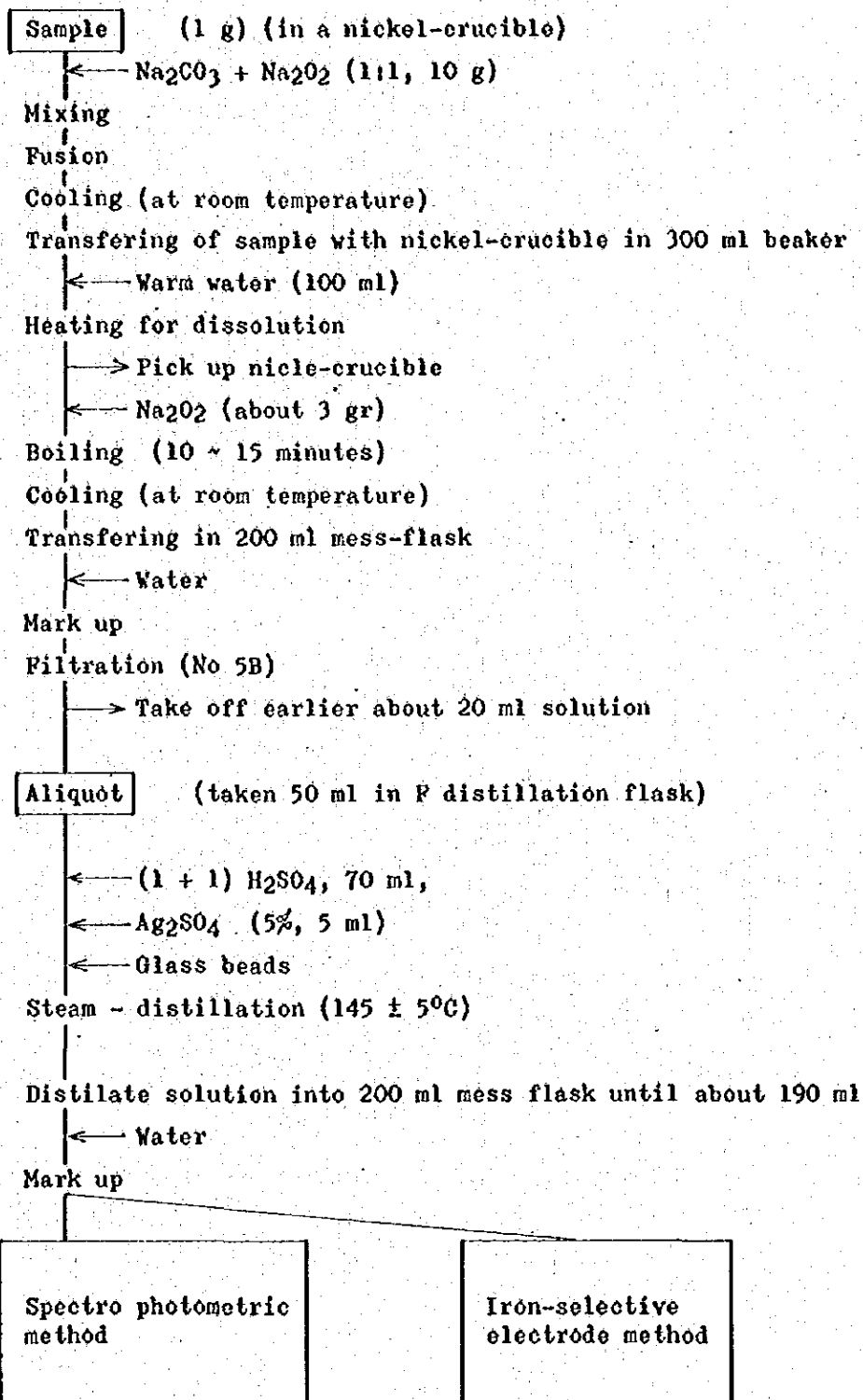


Table 15. Contents Minor Elements

Sample No. of the Reconnaissance Area : 215 ~ 340

Sample No. of the Detailed Survey Area : 347 ~ 685

Geological Index

Sedimentary rocks

Quaternary (gravel & sand)	QU	
Merced Formation	ME	
Contamana Group	CO	
Huayabamba Group	HU	
Vivian Formation	VI	
Chonta Group	CH	
Oriente Group	OR	
Sarayaquillo Formation	SA	
		PDO...Dolomite
Pucara Group	PU	PLS...Limestone
		PSS...Sandstone
Mitu Group	MI	
Copacabana - Tarma Group	TA	
Ambo Group	AM	
Excelcior Group	EX	
Basement Complex (gneiss & schist)	BC	

Igneous rock

	Volcanics	TV
Tertiary	Monzonite porphyry	TM
	Rhyolite & Dacite	TR
Cretaceous-Tertiary	Quartz porphyry & Granite porphyry	MP
Cretaceous	Granite	CG
Jurassic	Diorite complex	MD
Permian-Triassic	Granite & Granodiorite	PG
	Granodiorite complex	PC

Sample No.	Location	Rock No.	Geological Notes	Zn content (ppm)	Mg content (%)	Fe content (ppm)	F content (ppm)
215	18B	S004	CH	80	0.79	420	
218	18B	S012	PDO	30	12.81	60	
220	18B	S014	PDO	30	13.20	50	
221	18B	S015	PDO	100	0.35	450	
222	18B	S017	CH	80	0.22	2,950	
236	19C	B012	CH	90	1.29	220	
238	16B	B014	PDO	40	12.21	50	
249	16B	B028-1	PDO	10	13.12	60	
250	14C	B028-2	PDO	40	12.79	50	
255	19C	C006	CH	130	0.73	160	
259	16A	C013A	PDO	220	11.55	90	
260	17B	C014	PDO	20	12.70	40	
262	17B	C017	CH	180	0.85	570	
264	13C	C021	PDO	30	10.67	70	
277	12D	C034	PDO	60	25.04	80	
278	19B	A001	PDO	30	13.02	50	
279	19B	A002	PDO	10	11.75	50	
296	17E	A027	CH	10	0.88	9,920	
305	19B	D008	PLS	40	12.43	50	
306	19B	D009	PDO	30	13.02	30	
312	13E	D045	CH	80	1.86	90	
331	20C	C003	CH	1,270	7.06	100	
332	16A	C013B	PDO	40	12.52	80	
333	15B	B027	PLS	80	12.66	60	
334	15A	D020	PLS	110	1.05	100	
335	3F	RN006	PLS	160	9.17	160	
336	3F	RN007	PLS	250	4.83	210	
337	6F	RN095	PDO	60	12.08	90	
338	6F	RN098	PSS	90	11.35	60	
339	6F	RN099	PLS	40	12.17	70	
340	6F	RN100	PLS	30	11.71	110	
347	16	RE040	CH	20	9.40	450	
353	9	LE021	PDO	100	12.18	80	
354	15	LE195	PDO	60	12.28	100	300
355	15	LE216	PLS	70	1.84	320	150
356	16	LE242	CH	560	11.00	100	
357	15	LE247	PDO	50	11.08	110	
358	15	LE254	PDO	40	8.84	50	
359	16	LE268	CH	800	13.00	100	
360	18	LE280	PLS	560	0.60	360	
361	4	RF006	PDO	2,560	10.04	100	
362	4	OF007	PLS	100	0.23	330	
363	6	RF013	PDO	150	10.24	2,000	
364	6	RF015	PDO	1,960	9.48	3,000	
365	6	RF016	PLS	210	0.31	2,260	
366	6	OF017	PLS	2,760	9.47	130	
369	1	CF030	PLS	360	8.36	120	
370	11	RF033	PDO	90	6.96	30	
371	11	RF034	PDO	920	5.32	50	
372	18	RF038	PLS	80	0.52	2,040	

Sample No.	Location	Rock No.	Geological Notes	Zn content (ppm)	Mg content (%)	Fe content (ppm)	F content (ppm)
373	18	RF039	PDO	70	2.12	180	
374	13	RF042	PLS	30	0.44	950	
375	9	RF043	PDO	110	11.08	30	
376	9	RF044	PDO	20	11.56	80	
377	9	RF047	PDO	130	10.44	50	
380	11	RF050	PDO	20	11.00	50	
383	15	OF052	PDO	200	12.59	120	
384	15	OF053	PDO	28.56(3)	5.89	110	
385	15	OF054	PDO	1,800	12.33	90	
386	15	OF055	PDO	38.64(3)	4.01	50	
387	15	OF056	PDO	30.88(3)	5.53	50	
388	15	OF057	PDO	14.95(3)	9.07	90	
389	15	OF058	PDO	37.94(3)	4.96	50	
390	15	RF059	PDO	30	12.20	110	280
393	15	OF064	PDO	21.77(3)	6.78	80	
395	18	RF071	PLS	60	0.20	110	
396	18	OF072	PLS	30	0.12	950	
399	4	LF001	PLS	900	8.00	140	
400	4	LF002	PLS	2,800	6.00	180	
401	4	LF010	PLS	340	0.37	370	
402	4	LF012	PDO	450	6.24	560	
403	4	LF017	PLS	3,640	0.39	560	
404	7	LF025	PLS	180	0.85	580	
405	6	LF040	PDO	1,000	6.60	300	
406	6	LF051	PDO	50	4.76	80	
407	7	LF087	PLS	200	0.32	1,340	
408	7	LF090	PLS	40	0.24	750	
409	9	LF096	PDO	30	12.84	80	
410	9	LF098	PDO	30	11.24	60	
411	9	LF109	PDO	30	12.56	80	
412	9	LF110	PDO	20	12.64	70	
413	9	LF112	PDO	30	11.84	170	
414	1	LF124	PDO	540	8.50	100	
415	10	LF158	PSS	140	0.75	780	
416	10	LF160	PLS	30	0.20	930	
417	11	LF172	PDO	30	12.28	70	
418	11	LF174	PDO	370	8.44	30	
419	11	LF175	PLS	260	9.00	160	
420	11	LF176	PLS	220	0.80	260	
421	18	LF200	PLS	40	1.40	240	
422	18	LF201	PDO	40	13.04	50	
423	18	LF202	PLS	1,160	4.16	140	
424	18	LF265	PDO	50	12.56	50	90
425	11	LF279	PLS	30	2.80	2,400	260
426	14	LF305	PLS	280	0.60	1,410	
427	9	LF307	PDO	20	12.20	80	
428	9	LF309	PDO	50	12.48	80	
429	9	LF318	PDO	20	9.68	80	
430	11	LF325	PDO	120	12.50	60	
431	14	LF327	PLS	40	1.19	1,200	

Sample No.	Location	Rock No.	Geological Index	2 σ content (ppm)	Mg content (%)	Si content (ppm)	F content (ppm)
432	14	LF332	PLS	200	0.85	1,900	
433	14	LF335	PLS	70	0.45	2,040	
434	15	LF340	PDO	480	13.50	140	
435	15	LF342	PDO	70	11.80	100	210
436	15	LF376	PDO	80	12.76	100	220
437	15	LF377	PDO	90	19.96	80	
438	15	LF378	PDO	160	14.00	100	
439	15	LF379	PDO	260	14.50	100	
440	15	LF380	PDO	30	12.88	80	220
441	15	LF381	PDO	20	13.16	60	190
442	15	LF382	PDO	30	12.60	170	190
443	16	LF388	PDO	490	13.50	60	
444	16	LF390	PDO	30	12.20	50	
445	16	LF392	PDO	160	13.00	40	
446	16	LF393	PLS	30	0.38	2,400	
447	16	LF395	PDO	30	11.52	60	
448	16	LF398	PDO	30	12.20	60	
449	18	LF435	PDO	50	9.68	50	
450	18	LF436	PLS	40	0.23	500	
453	4	RG005	PLS	150	10.00	160	
455	6	RG011	PDO	140	11.76	140	
456	6	RG021	PDO	250	8.64	270	
457	7	OG027	PDO	10,320	11.52	70	
458	1	RG062	PDO	90	8.88	80	
459	12	RG072	PLS	50	0.04	750	
463	13	RG089	PDO	30	11.24	30	
464	13	RG091	PLS	80	2.74	340	
465	14	RG105	PLS	40	0.52	470	
466	14	RG106	PLS	160	0.06	10	
467	14	RG111	PLS	20	0.37	350	
468	16	OG116	PDO	40	11.86	60	
470	19	RG120	PLS	20	5.40	230	
472	9	LG119	PDO	20	9.36	80	
473	9	LG124	PDO	10	4.24	30	
474	9	LG136	PDO	30	12.68	40	
475	9	LG151	PDO	20	12.68	40	
476	1	LG166	PDO	660	12.50	80	
477	1	LG177	PDO	130	12.12	190	
478	9	LG186	PLS	340	2.50	160	
479	11	LG200	PDO	10	12.36	40	
480	10	LG249	PLS	320	1.50	800	
481	10	LG251	PDO	310	10.64	110	
482	11	LG259	PDO	10	12.24	70	
483	10	LG266	PDO	180	11.88	40	
484	13	LG278	PLS	20	0.31	570	
485	11	LG284	PDO	220	12.50	160	
486	11	LG286	PDO	60	11.76	50	
487	10	LG293	PDO	100	11.76	50	
488	11	LG326	PDO	50	12.36	60	
489	9	LG330	PDO	10	11.88	70	

Sample No.	Location	Rock No.	Geological Index	Fe content (ppm)	Mg content (%)	Si content (ppm)	F content (ppm)
490	14	LG341	PLS	30	0.35	990	850
491	16	LG360	PDO	10	12.24	80	
492	16	LG363	PDO	40	12.26	50	
493	16	LG366	PDO	20	12.88	30	
494	19	LG450	PDO	320	13.00	100	
495	19	LG451	PDO	30	13.00	60	
496	7	RH001	PLS	860	7.60	40	
497	7	RH002	PLS	120	0.37	220	
504	12	OH039	PLS	30	1.07	160	
508	7	LH006	PDO	520	12.50	60	
509	7	LH011	PLS	220	5.00	240	
510	4	LH018	PDO	60	11.18	120	
511	6	LH051	PDO	20	12.87	180	
512	7	LH077	PDO	60	12.20	60	
513	7	LH081	PLS	60	1.05	30	
514	9	LH100	PDO	760	11.00	100	
515	9	LH103	PDO	10	11.72	80	
516	6	LH123	PLS	300	7.00	160	
517	6	LH126	PDO	940	11.32	140	
518	6	LH130	PLS	960	4.50	200	
519	8	LH152	PLS	160	0.34	1,590	
520	8	LH154	PLS	430	9.40	150	
521	8	LH160	PLS	50	3.32	310	
522	8	LH163	PLS	500	0.27	340	
523	8	LH169	PLS	10	11.22	140	
524	9	LH171	PDO	10	10.62	60	
525	9	LH179	PLS	270	8.56	50	
526	9	LH187	PLS	20	0.38	2,050	
527	2	LH189	PDO	90	8.30	90	
528	2	LH196	CH	20	0.88	240	
529	2	LH211	PDO	280	8.60	70	
530	2	LH214	PDO	220	11.12	80	
531	2	LH223	PLS	680	3.60	260	
532	11	LH260	PLS	20	1.23	320	
533	11	LH261	PDO	30	12.04	130	
534	11	LH299	PLS	20	1.12	1,410	
535	11	LH300	PDO	120	13.20	60	
536	11	LH301	PLS	560	4.80	40	
537	11	LH303	PLS	540	0.30	3,800	
538	11	LH310	PLS	1,230	6.18	50	
539	11	LH323	PLS	70	0.68	2,180	
540	11	LH326	PDO	260	11.40	140	
541	11	LH328	PLS	240	10.40	60	
542	11	LH329	PDO	30	13.00	50	
543	11	LH332	PDO	20	12.26	70	
544	11	LH333	PDO	460	8.20	140	
545	11	LH335	PDO	20	12.78	70	
546	11	LH338A	PDO	10	12.45	40	
547	11	LH336B	PLS	20	0.38	80	
548	11	LH349	PDO	20	11.76	110	

Sample No.	Location	Rock No.	Geological Notes	Zn content (ppm)	Mg content (%)	Fe content (ppm)	F content (ppm)
549	11	LH344	PLS	30	0.71	100	
550	12	LH345A	PLS	810	0.37	2,700	
551	12	LH345B	PDO	280	11.00	240	
552	12	LH355	PDO	1,100	11.40	100	
553	15	LH359	PLS	380	0.32	380	
554	15	LH367	PLS	320	0.15	740	
555	15	LH369	PLS	610	0.19	1,060	
556	15	LH373	PLS	470	0.15	3,200	
557	14	LH380	PLS	60	0.44	410	400
558	14	LH387	PDO	60	11.82	60	
559	14	LH388	PDO	220	11.40	60	
560	14	LH389	PDO	30	12.09	60	210
561	14	LH393	PLS	220	1.40	280	
562	14	LH396	PLS	30	0.74	640	
563	14	LH399	PLS	380	0.45	1,000	
564	14	LH402	PLS	240	0.27	1,240	
565	16	LH404	PLS	20	0.40	3,360	
566	16	LH409	PLS	340	0.22	480	
567	16	LH422	CH	20	4.76	200	
570	7	R1033	PLS	150	1.03	60	
571	7	R1043	PDO	90	12.20	40	
572	7	R1044	PDO	10	12.38	50	
573	7	R1048	PLS	110	1.58	240	
574	9	R1049	PDO	20	11.05	130	
575	1	R1058	PLS	30	0.54	1,990	
576	1	R1060B	PLS	20	6.40	140	
577	1	R1065	CH	20	3.47	230	
582	11	R1091	PLS	90	0.25	620	650
583	13	R1095	PLS	50	0.24	120	
584	11	R1100	PDO	10	5.70	100	1,000
587	15	R1109	PDO	20	11.81	60	300
588	15	R1122	PLS	160	0.61	1,280	780
589	16	R1131	PDO	90	11.48	40	
590	16	R1133	PLS	10	1.91	210	
591	16	R1134	CH	30	10.42	60	
592	19	R1141	PLS	40	0.34	340	
593	5	L1001	PLS	20	0.32	140	
594	4	L1002	PLS	130	1.29	300	
595	9	L1005	PLS	450	0.24	220	
596	2	L1006	PDO	240	9.00	320	
597	1	L1007	PLS	760	3.40	340	
598	1	L1008	PLS	300	0.27	580	
599	9	L1009	PDO	560	12.60	80	
600	11	L1011	PDO	20	10.62	40	
601	11	L1012	PDO	20	12.38	50	
602	11	L1013	PDO	20	11.18	100	
603	11	L1014	PLS	190	0.49	1,100	
604	19	L1015	PLS	100	0.57	250	
605	11	L1016	PLS	580	0.30	1,400	
606	11	L1017	PLS	160	0.21	350	

Sample No.	Location	Rock No.	Geological Notes	Zn content (ppm)	Mg content (%)	Fe content (ppm)	F content (ppm)
607	14	L1018	PLS	30	0.32	800	180
608	13	L1019	PDO	40	11.93	50	
609	15	L1021	PLS	20	12.66	40	170
610	15	L1022	PLS	20	0.46	1,260	520
611	15	L1023	PLS	40	0.69	1,160	800
612	14	L1024	PDO	10	1.20	2,300	440
613	15	L1025	PLS	10	11.66	70	
614	15	L1026	PDO	260	9.41	70	
615	11	L1027	PDO	1,300	11.80	80	
616	16	L1028	PLS	40	2.16	170	
617	16	L1029	PDO	50	11.84	70	
619	16	LCP011	PLS	1,410	0.40	560	
620	16	LCP018	PLS	4,000	0.95	450	
621	16	LCP022	PLS	4,400	1.50	200	
622	16	LCP024	PLS	2,800	6.50	360	
624	9	ZEB 1	PDO	20	10.68	140	
625	9	ZEB 2	PDO	10	12.19	120	
626	9	ZEB 3	PDO	30	12.05	120	
627	9	ZEB 4	PDO	30	12.83	50	
628	9	ZEB 5	PDO	10	12.85	50	
629	9	ZEB 6	PDO	20	12.93	40	
630	9	ZEB 7	PDO	10	12.91	100	
631	9	ZEB 8	PDO	10	12.55	120	
632	9	ZEB 9	PDO	10	12.57	90	
633	9	ZEB 10	PDO	10	12.48	120	
634	9	ZEB 11	PDO	10	12.45	60	
635	9	ZEB 12	PDO	10	12.45	90	
636	9	ZEB 13	PDO	10	12.77	150	
637	9	ZEB 14	PDO	20	11.66	110	
638	9	ZEB 15	PDO	10	12.37	110	
639	9	ZEB 16	PDO	10	12.54	90	
640	9	ZEB 17	PDO	20	11.35	130	
641	9	ZEB 18	PLS	20	0.26	1,880	
642	1	RA065	PLS	50	0.02	50	
643	9	RK001	PDO	80	11.57	130	
644	9	RK002	PDO	70	12.46	90	
645	9	RK003	PDO	340	12.29	90	
646	9	RK004	PDO	80	13.03	50	
647	9	RK005	PLS	50	12.66	90	
648	9	RK006	PDO	60	12.83	50	
649	9	RK007	PLS	60	12.84	60	
650	9	RK008	PLS	80	11.69	90	
651	9	RK009	PLS	60	0.39	1,730	
652	9	RK010	PLS	50	0.35	2,000	
653	9	RK011	PLS	20	11.53	100	
654	9	RK012	PLS	70	0.33	1,290	
655	9	RK013	PLS	50	0.29	3,020	
656	9	RK014	PLS	140	0.20	2,310	
657	9	RK015	PLS	70	0.25	2,860	
658	9	RK016	PLS	50	0.36	1,530	

Table 16A. Contents of 3-Elements in Soil and Stream
Sediments of the Reconnaissance Area

Geological Index

Sedimentary rocks

Quaternary (gravel & sand)	QU
Merced Formation	ME
Contamana Group	CO
Huayabamba Group	HU
Vivian Formation	VI
Chonta Group	CH
Oriente Group	OR
Sarayaquillo Formation	SA
Pucara Group	PU
Mitu Group	MI
Copacabana - Tarma Group	TA
Ambo Group	AM
Excelciór Group	EX
Basement Complex (gneiss & schist)	BC

Igneous rock

	Volcanics	TV
Tertiary	Monzonite porphyry	TM
	Phyolite & Dacite	TR
Cretaceous Tertiary	Quartz porphyry & Granite porphyry	MP
Cretaceous	Granite	CG
Jurassic	Diorite complex	MD
Permian	Granite & Granodiorite	PG
Triassic	Granodiorite complex	PC

Stream Sediments (SS)

1 ~ 2595 Samples of September 1975 Survey
2596 ~ 4297 Samples of August 1976 Survey

Samples of September 1975 Survey

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
1	3G	QU	13.6	295.3	11.5	59	2G	(SS)	13.1	71.2	26.9
2	3G	QU	25.0	85.5	28.9	60	2G	(SS)	10.7	62.9	15.4
3	3G	(SS)	13.6	34,030.7	24.8	61	2G	(SS)	12.5	67.9	16.8
4	3G	(SS)	8.4	21,107.6	21.5	62	2G	(SS)	11.9	67.9	15.1
5	3G	(SS)	14.6	111.8	24.0	63	2G	(SS)	7.1	63.4	14.3
6	3G	(SS)	14.1	73.2	25.6	64	2G	PG	0.0	29.4	1.7
7	3G	(SS)	9.9	67.2	17.3	65	2G	(SS)	0.5	24.1	3.3
8	3G	(SS)	10.4	64.7	22.3	66	2G	(SS)	4.7	26.4	13.6
9	3G	(SS)	8.0	51.8	23.1	67	4G	(SS)	16.1	61.1	23.5
10	3G	(SS)	6.6	54.4	14.9	68	4G	(SS)	17.9	63.4	23.5
11	3G	(SS)	6.6	59.6	20.7	69	4G	(SS)	8.9	58.6	9.2
12	3G	(SS)	12.7	131.2	20.7	70	4G	QU	16.7	76.2	17.6
13	3G	(SS)	13.2	83.6	17.3	71	4G	QU	133.5	107.3	21.8
14	3G	(SS)	6.6	71.2	13.2	72	4G	QU	256.2	222.6	41.2
15	3G	(SS)	10.3	93.3	17.3	73	4G	MI	25.1	84.0	12.6
16	3G	(SS)	16.9	69.3	21.5	74	4G	(SS)	14.3	58.0	8.4
17	3G	(SS)	15.0	344.6	19.8	75	4F	(SS)	14.9	50.7	17.6
18	3G	QU	14.1	99.3	17.3	76	4F	PU	10.7	113.1	34.5
19	3G	(SS)	8.9	66.9	16.5	77	4F	PU	14.3	109.8	52.2
20	3G	QU	17.4	400.0	9.1	78	4F	PU	13.1	114.9	46.3
21	3G	(SS)	11.3	218.4	14.0	79	4F	ME	6.5	100.8	23.3
22	3G	(SS)	9.9	65.8	20.7	80	4F	ME	8.9	126.4	36.2
23	3G	(SS)	9.9	67.3	8.2	81	4F	(SS)	7.9	40.4	17.0
24	3G	(SS)	13.6	61.8	17.3	82	4F	ME	12.2	45.7	19.1
25	3G	PG	31.3	64.9	15.7	83	4F	ME	12.7	48.3	21.2
26	3G	(SS)	13.2	64.9	16.5	84	4F	ME	32.8	400.0	109.0
27	3G	(SS)	19.3	59.3	19.8	85	4F	ME	31.0	458.7	53.7
28	3G	PG	7.5	49.6	16.5	86	4F	ME	21.4	410.7	34.4
29	3G	(SS)	10.3	61.6	17.3	87	4F	ME	17.5	109.2	38.9
30	3G	(SS)	6.1	66.0	21.5	88	4F	(SS)	4.4	27.9	9.9
31	3G	(SS)	12.2	69.2	19.8	89	4F	(SS)	14.0	52.9	14.3
32	3G	(SS)	5.6	51.0	9.9	90	4F	(SS)	9.2	34.0	10.6
33	3G	(SS)	5.1	34.0	3.3	91	4F	ME	17.0	44.8	22.7
34	3G	(SS)	12.7	62.3	19.8	92	4F	(SS)	7.9	31.7	16.3
35	2G	(SS)	4.7	55.2	11.5	93	4F	(SS)	21.4	63.6	17.7
36	2G	(SS)	11.3	68.7	22.3	94	4F	PU	15.3	234.7	55.9
37	2G	PG	3.3	79.3	4.9	95	4F	PU	7.0	189.3	41.1
38	2G	(SS)	12.2	94.7	15.7	96	4F	PU	10.5	94.3	30.4
39	2G	(SS)	11.7	69.0	19.8	97	4F	PU	38.5	77.8	92.7
40	2G	PG	24.0	132.0	10.7	98	4F	(SS)	7.9	29.4	15.7
41	2G	(SS)	17.9	66.0	28.1	99	4F	PU	5.7	71.2	26.2
42	2G	PG	21.6	110.1	14.0	100	4F	PU	5.2	152.0	25.5
43	2G	PG	12.2	77.2	17.3	101	4F	PU	8.3	80.1	34.7
44	2G	(SS)	9.9	68.1	9.9	102	4F	PU	8.7	58.7	37.5
45	2G	(SS)	13.2	76.6	22.3	103	4F	PU	3.5	57.8	21.2
46	2G	(SS)	13.2	64.4	18.2	104	4F	(SS)	2.6	29.2	16.3
47	2G	(SS)	6.6	66.3	13.2	105	4F	PU	44.6	250.7	58.8
48	2G	(SS)	27.9	69.0	19.8	106	3F	(SS)	3.9	34.7	14.2
49	2G	(SS)	13.6	64.7	19.8	107	3F	(SS)	16.6	82.1	29.0
50	2G	(SS)	11.3	64.3	23.1	108	4F	QU	22.7	68.3	23.4
51	2G	(SS)	9.5	70.6	27.7	109	4F	QU	11.4	56.5	14.2
52	2G	(SS)	10.7	80.0	24.9	110	4F	QU	14.0	55.6	14.9
53	2G	(SS)	19.1	150.9	29.4	111	4F	QU	21.0	67.9	11.3
54	2G	(SS)	2.3	46.7	16.0	112	4F	QU	11.4	82.4	14.2
55	2G	(SS)	7.7	68.3	21.0	113	4F	PU	7.4	75.0	24.8
56	2G	(SS)	7.1	73.0	22.7	114	4F	PU	46.3	108.7	14.2
57	2G	(SS)	10.7	71.4	24.4	115	4F	PU	16.9	51.5	16.3
58	2G	(SS)	10.1	75.0	23.5	116	4F	MI	11.4	49.6	7.8

Sample No.	Location	Geological Index	Ce (ppm)	Zn (ppm)	Ni (ppm)	Sample No.	Location	Geological Index	Ce (ppm)	Zn (ppm)	Ni (ppm)
117	4F	M1	29.3	43.6	7.8	175	9F	QU	6.3	73.7	5.8
118	4F	(SS)	21.8	34.9	8.5	176	9F	(SS)	7.1	64.0	9.2
119	4F	(SS)	11.4	30.7	16.3	177	9F	QU	12.5	39.9	7.5
120	4F	(SS)	4.8	57.6	14.2	178	9F	(SS)	23.9	81.2	30.2
121	4F	PU	2.9	37.9	5.8	179	9F	PU	15.1	94.9	25.2
122	4F	PU	49.7	1,797.9	31.1	180	9F	PU	20.9	102.1	36.2
123	4F	PU	48.5	595.8	155.7	181	9F	QU	5.3	43.7	14.3
124	4F	PU	72.8	914.3	11.7	182	9F	QU	7.7	41.7	10.1
125	4F	PU	22.1	28.7	5.0	183	9F	QU	14.9	73.1	18.5
126	4F	PU	38.3	5,192.9	16.0	184	9F	OR	14.3	70.1	20.2
127	4F	PU	32.9	1,219.1	10.9	185	9F	(SS)	22.7	72.8	26.1
128	6G	OR	7.1	41.4	13.4	186	9F	OR	20.3	69.9	21.0
129	6G	OR	14.3	28.7	24.4	187	9F	OR	10.7	54.4	10.1
130	6G	(SS)	53.8	66.0	21.0	188	9F	(SS)	7.1	70.6	5.8
131	6G	SA	2.9	53.7	14.3	189	9F	(SS)	7.1	64.7	7.5
132	6G	SA	56.2	60.7	30.3	190	9F	PU	6.5	68.5	6.7
133	6G	ME	7.7	49.2	26.9	191	9F	(SS)	10.2	51.4	9.9
134	6G	(SS)	5.9	29.6	22.7	192	9F	(SS)	9.8	60.4	15.7
135	6G	(SS)	7.1	20.8	12.6	193	9F	(SS)	11.1	57.3	19.8
136	6G	SA	19.1	93.1	21.8	194	9F	(SS)	9.3	65.2	14.0
137	6G	SA	4.7	36.5	16.8	195	9F	PU	14.7	79.7	27.3
138	6G	ME	5.3	27.5	15.1	196	9E	PU	5.7	36.9	10.7
139	6G	(SS)	5.3	39.3	16.8	197	9E	PU	12.4	37.6	24.7
140	6G	(SS)	2.3	21.2	10.1	198	9E	PU	10.2	76.5	11.5
141	6G	(SS)	7.1	34.7	10.1	199	9E	(SS)	10.6	63.0	14.0
142	6G	ME	17.9	60.0	29.4	200	9E	(SS)	22.7	64.3	28.9
143	6G	(SS)	7.1	38.4	27.7	201	9E	PU	10.2	77.1	8.2
144	6G	ME	14.3	66.5	15.1	202	9E	PU	6.2	116.4	8.2
145	6G	ME	22.1	66.5	19.3	203	9E	PU	10.2	103.3	15.7
146	6G	(SS)	5.9	29.1	20.2	204	9E	PU	8.9	434.2	30.5
147	6G	ME	10.7	30.9	7.5	205	9E	PU	3.1	9.6	0.8
148	6G	ME	11.3	29.1	14.3	206	9E	PU	10.2	36.4	7.4
149	8F	QU	24.5	20.6	11.7	207	9E	(SS)	18.7	67.5	20.6
150	8F	QU	0.0	6.6	0.8	208	9E	QU	31.2	69.6	38.0
151	8F	PU	5.9	50.1	18.5	209	9E	(SS)	26.3	67.8	31.4
152	8F	PU	5.9	277.3	21.8	210	9E	(SS)	8.9	47.0	7.4
153	8F	(SS)	4.7	45.8	10.1	211	9E	(SS)	4.4	31.5	0.0
154	8F	(SS)	6.7	55.3	14.3	212	9E	TV	29.4	78.2	25.6
155	8F	QU	3.6	28.4	1.6	213	9E	TV	32.0	67.4	23.1
156	8F	QU	28.7	74.4	10.9	214	9E	TV	30.7	77.5	23.1
157	8F	(SS)	5.9	59.3	10.9	215	9E	TV	28.5	73.6	25.6
158	8F	(SS)	34.7	73.0	20.2	216	9E	TV	13.3	64.6	9.0
159	8F	QU	31.7	74.6	56.4	217	9E	TV	17.3	288.5	16.5
160	8F	PU	20.4	47.1	59.7	218	9E	TV	8.9	625.7	8.2
161	8F	QU	63.4	99.1	33.6	219	9E	(SS)	10.6	63.6	10.7
162	8F	QU	37.1	37.5	26.1	220	9E	TV	6.6	78.3	10.7
163	8F	(SS)	29.9	84.8	31.1	221	9E	(SS)	10.6	59.9	12.3
164	8F	(SS)	6.5	49.9	10.1	222	9E	TV	21.8	78.4	5.7
165	8F	QU	41.3	93.1	41.2	223	9E	TV	17.8	268.5	15.7
166	8F	QU	1.7	41.9	2.5	224	9E	(SS)	14.7	240.1	14.0
167	8F	PU	7.7	115.8	5.8	225	9E	PU	22.7	155.8	58.6
168	8F	PU	9.5	90.2	12.6	226	9E	PU	18.7	55.1	8.2
169	8F	(SS)	4.7	110.4	10.9	227	9E	PU	7.5	28.2	4.1
170	8F	PU	20.3	119.0	19.3	228	9E	PU	16.4	46.9	10.7
171	8F	PU	5.3	19.0	5.8	229	9E	(SS)	23.1	64.5	13.2
172	8F	(SS)	3.5	34.8	0.8	230	10E	PU	15.1	37.9	16.5
173	8F	QU	4.1	83.4	21.8	231	10E	PU	11.1	45.6	14.8
174	8F	(SS)	7.7	82.0	7.5	232	10E	PU	11.1	60.9	21.4

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
233	10E	PU	19.6	90.7	24.7	291	8F	(SS)	1.6	52.8	7.1
234	10E	PU	6.6	39.7	15.7	292	8F	MP	1.6	49.1	10.5
235	10E	(SS)	8.0	41.4	16.5	293	8F	MP	0.5	25.5	4.2
236	10E	PU	1.3	11.1	11.5	294	8F	(SS)	6.1	53.9	20.4
237	8F	QU	22.7	97.5	22.3	295	8F	MP	2.8	103.9	9.8
238	8F	PU	16.0	75.3	13.2	296	8F	(SS)	0.0	71.7	6.3
239	8F	PU	17.3	91.3	25.6	297	8F	(SS)	0.0	38.0	4.9
240	8F	PU	15.1	91.6	28.9	298	8F	MP	0.0	63.7	10.5
241	8F	PU	19.1	91.3	19.0	299	8F	MP	3.9	56.8	13.3
242	8F	PU	14.2	76.3	14.0	300	8F	QU	0.0	75.2	9.1
243	8F	PU	11.1	74.4	17.3	301	8E	QU	11.2	55.7	12.6
244	8F	PU	14.2	85.7	16.5	302	8E	QU	11.2	55.7	13.3
245	8F	(SS)	8.4	51.0	13.2	303	8E	QU	12.3	56.7	9.1
246	8F	(SS)	4.4	238.5	9.9	304	8F	QU	14.5	135.0	53.3
247	8F	PU	4.0	52.3	9.0	305	8F	QU	35.7	267.9	79.3
248	8F	PU	16.4	116.2	15.7	306	8F	QU	28.5	317.7	142.4
249	8F	(SS)	8.0	50.2	14.0	307	8F	PU	8.9	535.8	64.6
250	8F	MP	16.9	155.8	15.7	308	8F	PU	30.8	426.8	87.0
251	8F	QU	3.1	69.5	4.9	309	8F	PU	51.5	137.9	228.8
252	8F	(SS)	4.0	251.4	7.4	310	7F	(SS)	11.2	69.5	33.0
253	8F	(SS)	2.6	102.6	0.0	311	7F	PU	20.1	88.9	51.2
254	8F	OR	10.2	351.0	6.6	312	7F	PU	27.4	190.0	83.5
255	8F	OR	6.2	60.5	4.9	313	7F	PU	24.1	136.2	61.1
256	8F	(SS)	1.7	31.8	1.6	314	7F	PU	26.9	196.3	56.1
257	8F	(SS)	7.1	49.1	14.8	315	7F	PU	43.7	261.7	66.7
258	8F	MP	0.0	7.1	2.4	316	7F	PU	5.0	72.3	22.5
259	8F	MP	3.5	22.7	0.0	317	7F	PU	27.4	299.1	89.8
260	8F	MP	7.5	74.3	4.9	318	7F	PU	29.7	108.0	28.1
261	8F	(SS)	6.6	54.8	2.4	319	7F	PU	3.3	88.7	12.6
262	8F	(SS)	9.3	55.2	17.3	320	7F	PU	16.8	1,336.4	44.2
263	8F	TR	8.0	60.7	4.9	321	7F	PU	17.9	1,532.7	96.8
264	8F	(SS)	0.8	33.2	3.3	322	7F	PU	129.3	616.8	150.9
265	8F	TR	16.0	92.3	4.9	323	7F	PU	10.6	482.9	45.6
266	8F	TR	4.4	74.4	4.1	324	7F	PU	13.4	258.6	26.0
267	8F	MP	4.0	47.8	1.6	325	7F	PU	8.4	236.8	21.8
268	8F	MP	4.0	59.2	7.4	326	7F	CG	2.8	27.9	4.9
269	8F	MP	19.8	83.2	5.7	327	7F	CG	129.5	80.6	111.6
270	8F	(SS)	2.2	93.2	5.7	328	7F	CG	108.7	82.9	82.8
271	8F	(SS)	12.0	54.2	19.0	329	7F	CG	22.4	1,180.7	23.2
272	8E	MP	11.5	56.8	49.0	330	7F	CG	132.8	55.4	188.8
273	8E	(SS)	11.1	58.2	17.3	331	7F	CG	1.6	19.4	0.7
274	8F	(SS)	6.2	34.0	11.5	332	7F	CG	0.0	9.2	0.0
275	8F	QU	19.6	103.8	19.0	333	7F	CG	6.1	41.8	5.6
276	8F	QU	13.8	85.4	16.5	334	7F	CG	9.5	51.0	5.6
277	8F	QU	10.2	78.0	18.1	335	7F	CG	12.8	65.6	5.6
278	8F	QU	13.8	55.8	14.0	336	7F	CG	11.2	49.5	9.1
279	8F	(SS)	5.7	42.3	22.3	337	7F	PU	26.3	23.3	12.6
280	8F	PU	76.6	90.1	76.8	338	7F	PU	7.8	21.1	9.8
281	8F	PU	22.2	682.8	80.1	339	7F	PU	17.3	44.9	7.7
282	8F	(SS)	9.8	28.7	14.0	340	7F	(SS)	7.2	40.6	0.7
283	8F	(SS)	2.2	62.3	4.9	341	7F	CG	3.3	25.0	8.4
284	8F	QU	8.4	265.7	4.9	342	7F	(SS)	1.6	45.1	2.1
285	8F	(SS)	5.7	94.7	7.4	343	7F	CG	5.6	38.2	0.7
286	8F	QU	46.8	411.4	47.1	344	7F	CG	7.8	44.7	0.0
287	8F	QU	16.9	78.0	22.3	345	7F	CG	9.5	67.3	7.0
288	8F	QU	15.1	72.5	19.8	346	7F	CG	8.9	63.4	7.0
289	8F	QU	7.1	64.5	13.2	347	7F	(SS)	11.2	63.3	11.2
290	8F	QU	11.1	62.3	21.4	348	7F	CG	10.6	76.6	2.8

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
349	7F	(SS)	1.1	27.4	0.0	407	10E	CH	9.7	39.2	23.4
350	7F	CG	1.6	39.8	0.0	408	10E	CH	1.3	13.6	5.0
351	7F	CG	6.7	60.6	7.7	409	10E	CH	16.2	61.1	29.0
352	7F	(SS)	6.7	63.3	12.4	410	10E	(SS)	9.2	54.3	16.3
353	7F	(SS)	0.5	20.5	4.5	411	10E	CH	20.1	63.7	24.8
354	7F	CG	1.6	37.9	5.6	412	10E	CH	21.7	76.1	30.4
355	7F	CG	2.2	40.5	2.8	413	10E	(SS)	12.7	39.0	26.9
356	7F	(SS)	5.0	28.5	21.8	414	10E	CH	13.3	48.7	7.8
357	7F	CG	7.8	39.3	20.4	415	10E	CH	14.9	63.7	20.5
358	7F	CG	16.2	43.2	20.4	416	10E	(SS)	12.7	52.6	21.2
359	7F	CG	8.4	43.7	25.3	417	10E	(SS)	18.8	61.8	27.6
360	7F	CG	29.1	77.9	21.8	418	10E	PU	38.0	52.4	51.7
361	7F	CG	15.7	72.9	18.2	419	10E	PU	9.7	75.7	21.2
362	7F	CG	8.9	51.2	18.2	420	10E	CH	37.2	23.2	30.4
363	7F	CG	14.5	72.2	21.1	421	10E	CH	9.2	70.3	27.6
364	7F	DC	10.6	56.5	9.1	422	10E	PU	9.6	181.3	28.3
365	7F	DC	1.1	24.0	7.7	423	10E	PU	7.0	554.7	29.7
366	7F	DC	0.5	13.0	35.1	424	10E	PU	8.7	389.3	24.8
367	8F	PU	12.3	719.6	45.6	425	10E	(SS)	6.6	51.4	15.6
368	8F	PU	28.0	862.9	23.1	426	11E	PU	9.6	112.9	31.2
369	8F	(SS)	1.1	61.7	5.5	427	11E	PU	7.9	74.6	18.4
370	8F	QU	11.7	76.8	10.5	428	11E	PU	4.4	282.7	22.7
371	8F	QU	3.9	88.4	5.6	429	11E	PU	10.9	298.7	22.7
372	8F	QU	2.8	70.6	5.6	430	11E	PU	7.9	86.2	24.1
373	8F	(SS)	6.7	81.8	6.3	431	11E	PU	14.4	226.7	48.1
374	8F	QU	8.9	68.4	9.1	432	11E	PU	16.6	373.3	46.7
375	8F	QU	5.6	48.9	6.3	433	11E	PU	30.2	82.9	37.5
376	8F	QU	0.0	20.2	2.8	434	11E	PU	17.0	226.7	54.5
377	8F	(SS)	1.1	29.1	4.9	435	11E	PU	19.2	245.3	53.1
378	8F	(SS)	0.0	34.0	1.4	436	11E	PU	12.2	108.2	38.9
379	8F	(SS)	0.0	55.3	5.6	437	11E	PU	14.4	210.7	43.7
380	8F	QU	1.2	80.4	8.4	438	11E	PU	11.8	216.0	38.2
381	8F	QU	3.3	82.7	4.2	439	11E	PU	11.8	168.0	36.8
382	8F	(SS)	8.4	76.9	9.1	440	11E	PU	16.2	102.5	26.9
383	8F	(SS)	2.2	79.0	4.2	441	11E	PU	13.1	116.4	41.1
384	8F	QU	6.1	84.0	5.6	442	11E	PU	18.4	192.0	51.0
385	8F	(SS)	2.8	80.8	9.1	443	11E	PU	14.4	178.7	43.2
386	8F	(SS)	7.8	69.7	9.8	444	11E	PU	8.7	274.7	61.6
387	8F	(SS)	2.2	59.5	6.3	445	11E	PU	24.5	72.6	28.3
388	8F	(SS)	7.8	80.1	14.7	446	11E	PU	10.9	241.7	34.7
389	10E	PU	9.5	60.2	24.6	447	11E	PU	36.7	94.9	81.4
390	10E	PU	10.0	60.3	23.9	448	11E	CH	9.6	1,324.5	26.9
391	10E	PU	7.0	245.3	19.1	449	12E	CH	10.5	50.3	17.0
392	10E	(SS)	9.1	98.0	14.9	450	12E	CH	14.4	57.2	27.6
393	10E	(SS)	11.8	52.6	11.3	451	11E	CH	10.9	32.1	18.5
394	10E	PU	12.7	1,040.0	26.0	452	11E	CH	22.9	45.1	25.6
395	10E	PU	8.7	38.9	12.0	453	11E	CH	8.7	29.3	9.9
396	10E	CH	14.9	64.6	20.5	454	11E	CH	9.3	42.0	19.2
397	10E	CH	12.7	60.7	19.8	455	11E	CH	22.3	87.9	44.0
398	10E	(SS)	14.9	64.9	21.2	456	11E	CH	12.5	88.0	13.5
399	10E	CH	21.9	81.0	24.1	457	11E	CH	6.5	28.7	14.9
400	10E	CH	19.2	75.3	28.3	458	11E	CH	14.4	62.5	13.5
401	10E	CH	19.7	71.5	33.2	459	11E	CH	4.4	68.2	24.9
402	10E	CH	15.7	60.4	22.7	460	11E	CH	0.0	21.3	6.4
403	10E	CH	18.8	76.4	25.5	461	11E	(SS)	6.0	36.6	14.2
404	10E	CH	21.0	68.9	31.2	462	11E	CH	9.3	36.9	12.8
405	10E	CH	21.0	72.4	29.7	463	11E	CH	10.3	61.0	19.9
406	10E	CH	7.0	78.9	35.4	464	11E	CH	10.9	93.4	25.6

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
465	11E	CH	7.1	51.6	15.6	523	9E	PG	6.0	75.7	5.7
466	11E	CH	4.9	53.0	18.5	524	9E	TR	15.9	58.4	7.8
467	9E	(SS)	0.0	28.4	0.7	525	9E	(SS)	2.7	50.7	4.3
468	9E	TV	0.0	19.2	2.8	526	9D	(SS)	19.6	40.3	12.8
469	9E	TV	0.0	46.2	2.1	527	9D	TR	3.8	20.3	5.7
470	9E	TV	1.0	32.6	6.4	528	9D	(SS)	57.2	50.5	29.1
471	9E	(SS)	1.6	26.4	4.3	529	9D	TR	22.9	76.6	6.4
472	9E	TV	15.6	27.1	8.5	530	9D	HP	25.6	33.5	7.8
473	9E	TV	3.3	30.5	2.1	531	9D	HP	4.9	97.9	5.7
474	9E	PU	2.7	117.4	5.7	532	9D	HP	3.8	136.2	11.4
475	9E	PU	17.4	693.4	29.1	533	9D	(SS)	9.8	34.8	14.9
476	9E	HP	3.3	98.4	12.1	534	9D	HP	31.6	71.1	7.1
477	9E	QU	1.6	28.2	3.6	535	9D	HP	56.1	57.2	18.3
478	9E	(SS)	0.0	31.8	5.7	536	9D	PC	28.3	66.6	9.9
479	9E	(SS)	16.3	50.7	10.7	537	9D	(SS)	15.2	44.9	7.1
480	9E	QU	8.0	47.9	6.4	538	9D	PC	31.6	57.7	17.8
481	9E	QU	4.4	35.4	0.7	539	9D	PC	12.5	56.7	8.5
482	9E	QU	0.5	24.4	1.4	540	9D	PC	18.5	61.8	13.5
483	9E	QU	1.6	30.8	2.1	541	9D	PC	24.5	66.9	26.3
484	9E	(SS)	0.0	22.3	0.0	542	9D	(SS)	23.9	66.1	34.8
485	9E	QU	31.6	32.2	3.6	543	9D	PC	20.7	74.8	9.9
486	9E	QU	0.0	29.5	0.0	544	8C	(SS)	16.9	40.5	7.8
487	10E	CH	13.6	60.5	29.8	545	8C	PG	23.9	61.3	11.4
488	10E	CH	14.7	50.0	21.3	546	8C	(SS)	7.1	30.3	8.5
489	10E	CH	16.9	70.5	34.8	547	8C	PG	21.2	67.4	11.4
490	10E	CH	10.3	43.1	21.3	548	8D	(SS)	12.0	41.0	9.9
491	10E	CH	7.0	21.6	14.2	549	8D	PG	16.9	56.7	10.7
492	10E	(SS)	6.5	36.2	23.4	550	8D	(SS)	11.4	50.7	16.3
493	10E	CH	15.2	54.1	36.9	551	8D	PG	16.3	72.8	12.1
494	10E	CH	4.4	80.9	26.3	552	8D	PG	26.1	69.2	12.8
495	10E	CH	16.3	50.3	37.7	553	8D	(SS)	31.0	50.7	13.5
496	10E	(SS)	7.6	61.8	23.4	554	8D	(SS)	31.6	51.6	13.3
497	10E	(SS)	23.9	78.0	34.1	555	8D	(SS)	14.2	36.1	7.8
498	10E	CH	22.9	340.4	46.9	556	8D	PG	37.6	66.2	14.2
499	10E	CH	26.1	82.6	41.2	557	8D	PG	13.6	50.6	16.3
500	10E	CH	7.1	36.2	12.9	558	8D	PG	25.0	39.3	21.3
501	10E	CH	7.6	44.9	15.6	559	9E	QU	7.6	354.7	22.0
502	9E	QU	0.5	19.5	6.0	560	9E	(SS)	20.1	103.8	13.5
503	9E	QU	2.1	43.8	6.4	561	9E	TV	8.7	139.3	5.7
504	9E	QU	1.6	30.7	6.4	562	9E	TV	3.3	50.5	4.9
505	9E	QU	4.9	63.4	9.9	563	9E	TV	2.2	42.0	3.6
506	9E	(SS)	2.2	63.1	9.2	564	9E	TV	8.2	63.1	6.4
507	9E	QU	9.8	43.4	9.9	565	9E	TV	2.2	44.1	7.1
508	9E	QU	17.9	61.8	11.4	566	9E	TV	3.3	46.6	3.6
509	9E	QU	13.6	94.1	13.5	567	9E	TV	12.5	87.5	12.1
510	9E	(SS)	2.7	61.8	10.7	568	9E	PU	16.3	48.2	5.7
511	9E	QU	13.6	63.9	7.8	569	9E	OR	2.2	87.4	9.9
512	9E	QU	16.1	59.0	9.9	570	9E	OR	5.4	35.3	5.0
513	9E	PG	14.2	57.2	5.7	571	10E	OR	7.6	544.0	27.7
514	9E	PG	3.8	87.5	6.4	572	10E	OR	3.8	1,267.5	37.6
515	9E	PG	4.9	59.7	4.3	573	10E	OR	2.7	243.2	22.0
516	9E	PG	1.0	42.3	5.0	574	10E	OR	6.0	124.4	14.9
517	9E	(SS)	0.5	36.6	4.3	575	10E	PU	6.5	228.0	12.8
518	9E	PG	2.7	68.2	6.4	576	10E	PU	21.2	234.0	20.6
519	9E	PG	3.8	57.0	5.7	577	10E	PU	140.0	28.7	2.1
520	9E	(SS)	2.2	135.7	1.4	578	10E	PU	13.6	30.7	13.5
521	9E	(SS)	19.6	38.4	8.1	579	10E	PU	2.7	17.0	5.7
522	9E	PG	24.5	54.9	13.5	580	10E	PU	12.5	33.1	14.9

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
581	10E	(SS)	4.4	79.8	10.7	639	6G	CH	17.9	80.8	32.8
582	10E	OR	9.3	118.5	24.9	640	6G	(SS)	10.9	55.9	29.7
583	10E	OR	13.1	120.7	17.1	641	6G	CH	13.5	76.7	38.1
584	10E	OR	7.1	23.1	9.9	642	6G	OR	18.6	109.3	57.1
585	10E	PU	30.5	52.5	19.2	643	6G	OR	32.1	102.7	41.1
586	10E	PU	61.5	2,453.5	92.4	644	6G	(SS)	7.1	56.6	29.0
587	10E	PU	1.6	35.4	9.9	645	6H	CH	4.5	66.9	34.3
588	10E	PU	37.6	1,062.9	113.0	646	6H	CH	9.0	84.9	48.0
589	10E	PU	0.5	65.4	5.7	647	6H	CH	3.9	51.4	17.5
590	10E	PU	27.7	793.3	37.7	648	6H	CH	5.8	61.7	23.6
591	10E	PU	7.1	255.3	32.0	649	6H	CH	10.3	63.3	35.8
592	10E	PU	10.5	245.2	30.6	650	7G	OR	16.0	114.2	52.6
593	10E	PU	11.4	286.7	45.5	651	7G	CH	7.5	73.3	21.3
594	10E	PU	8.7	103.1	15.6	652	7G	CH	9.8	85.4	9.9
595	10E	PU	2.7	63.9	16.3	653	7G	CH	4.6	41.8	6.9
596	10E	PU	12.5	56.9	8.5	654	7G	CH	3.5	37.2	12.2
597	10E	PU	9.8	410.3	31.3	655	7G	CH	5.8	59.6	25.1
598	10E	PU	8.7	106.6	13.4	656	7G	CH	3.5	21.9	4.6
599	10E	PU	93.6	446.8	21.3	657	7G	CH	5.2	27.4	12.2
600	10E	PU	28.9	137.4	24.1	658	6G	CH	1.2	22.2	6.1
601	10E	(SS)	16.7	1,129.9	16.8	659	6G	CH	0.0	33.5	9.1
602	10E	PU	21.2	1,704.6	38.6	660	6G	CH	1.7	21.2	3.1
603	10E	PU	26.3	640.6	38.9	661	6G	CH	0.0	19.4	7.6
604	10E	PU	16.7	715.3	25.1	662	6G	CH	1.2	23.3	3.8
605	8F	(SS)	10.9	54.8	16.8	663	6G	CH	11.0	69.0	25.1
606	8F	MI	14.7	64.8	16.0	664	6G	CH	2.3	39.0	20.6
607	8F	MI	12.2	63.0	14.5	665	6G	CH	5.2	55.5	19.0
608	8F	MI	7.7	48.9	19.0	666	6G	CH	13.2	59.8	19.8
609	8F	MI	10.3	52.0	16.0	667	6H	CH	2.3	72.2	25.1
610	8F	(SS)	10.3	57.7	35.2	668	6H	CH	7.5	35.6	8.4
611	8F	MI	13.5	61.6	25.9	669	6H	CH	9.2	37.7	20.6
612	8F	MI	13.5	63.7	22.9	670	6H	CH	2.3	50.7	8.4
613	8F	MI	20.5	75.8	30.4	671	6H	CH	11.0	70.8	28.2
614	8G	(SS)	16.0	64.8	16.0	672	6H	CH	4.0	38.8	9.1
615	8G	MI	17.3	58.0	20.6	673	6H	CH	9.2	97.2	32.8
616	8G	MI	8.3	56.0	16.8	674	6H	CH	7.5	29.4	29.7
617	8G	MI	1.9	28.6	8.4	675	6H	CH	5.8	36.3	15.2
618	8G	(SS)	25.6	64.2	14.5	676	6H	CH	7.5	43.7	25.9
619	8G	(SS)	4.5	66.0	11.4	677	6H	CH	27.2	46.8	32.8
620	8G	MI	4.5	45.7	8.4	678	6H	(SS)	9.2	54.4	27.4
621	8G	(SS)	5.1	63.0	12.2	679	6H	(SS)	4.6	43.6	22.9
622	8G	MI	5.6	62.8	14.5	680	6H	CH	11.0	107.1	51.0
623	8G	MI	2.6	34.3	7.6	681	6H	CH	13.9	92.7	42.7
624	8G	(SS)	9.6	68.9	14.5	682	6H	CH	11.6	72.6	33.5
625	6G	CH	23.1	73.0	67.0	683	6H	(SS)	8.7	38.3	9.9
626	6G	CH	16.0	93.4	57.9	684	6G	CH	12.7	54.1	25.9
627	6G	CH	7.6	18.0	10.7	685	6H	CH	16.2	61.7	30.5
628	6G	(SS)	5.8	41.1	18.3	686	6H	CH	4.6	34.5	23.6
629	6G	CH	9.0	33.1	17.5	687	6H	CH	4.6	28.1	19.0
630	6G	CH	1.3	32.7	23.6	688	6H	CH	1.7	30.4	16.8
631	6G	CH	17.9	44.0	25.1	689	6H	(SS)	0.6	25.4	8.4
632	6G	CH	10.3	44.8	25.9	690	6H	CH	7.5	58.9	21.3
633	6G	CH	7.7	38.8	12.5	691	6H	CH	14.5	58.1	32.8
634	6G	(SS)	8.3	46.0	18.3	692	6H	(SS)	3.5	37.7	16.0
635	6G	CH	10.9	50.9	26.7	693	6H	CH	12.7	89.9	35.8
636	6G	CH	19.2	52.8	31.7	694	6H	CH	13.9	81.1	35.0
637	6G	CH	12.2	76.0	41.9	695	6H	CH	15.6	70.8	38.1
638	6G	CH	13.5	85.8	39.6	696	6H	CH	18.5	85.9	29.0

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
697	6H	CH	5.2	71.5	20.6	755	61	(SS)	9.0	39.8	15.5
698	6H	(SS)	6.4	52.5	21.5	756	61	SA	23.9	81.7	14.8
699	6H	(SS)	4.0	42.2	15.2	757	3G	(SS)	3.0	36.5	1.4
700	6H	CH	7.5	47.9	12.2	758	3G	(SS)	19.4	74.9	0.0
701	6H	CH	16.4	64.9	23.3	759	3G	(SS)	19.4	94.0	0.0
702	6H	CH	8.5	53.7	19.1	760	3G	(SS)	20.9	107.9	25.4
703	6H	CH	2.5	25.9	5.7	761	4G	QU	163.9	421.2	96.8
704	6H	CH	2.0	28.1	8.5	762	4G	QU	10.5	92.4	10.6
705	6H	CH	9.0	52.9	12.7	763	3G	QU	10.0	88.5	9.2
706	6H	CH	8.0	45.1	12.0	764	3G	QU	7.0	77.9	8.5
707	6H	CH	6.5	77.7	12.0	765	3G	QU	7.5	43.4	8.5
708	6H	CH	14.0	59.5	29.0	766	3G	(SS)	1.0	35.0	2.6
709	6H	CH	6.5	35.0	10.6	767	3G	(SS)	56.8	426.9	13.4
710	6H	CH	10.0	62.1	21.2	768	3G	(SS)	6.5	45.7	5.7
711	6H	CH	2.5	23.1	7.8	769	3G	(SS)	24.4	91.5	12.0
712	6H	CH	5.0	51.9	19.8	770	3G	PG	28.9	119.6	15.5
713	6H	CH	6.5	56.4	31.6	771	3G	(SS)	13.9	87.0	11.3
714	6J	CH	4.0	20.4	5.7	772	3G	(SS)	16.9	115.9	21.9
715	6J	CH	13.0	50.1	19.8	773	3G	(SS)	6.0	46.4	2.1
716	6J	CH	2.5	21.5	4.2	774	3G	(SS)	7.0	69.5	5.7
717	61	CH	6.0	36.2	18.4	775	3G	(SS)	8.5	55.2	4.2
718	61	CH	19.4	24.1	17.0	776	3G	(SS)	4.0	48.3	0.0
719	61	CH	6.5	23.5	12.7	777	3G	(SS)	8.0	90.5	3.5
720	61	CH	9.5	44.7	12.7	778	3G	(SS)	14.0	361.0	21.2
721	61	CH	9.0	24.1	14.1	779	3G	(SS)	19.4	289.4	16.3
722	61	CH	11.5	31.7	15.5	780	4G	(SS)	2.0	34.8	2.8
723	51	CH	11.5	38.4	11.3	781	6G	(SS)	6.5	16.9	9.9
724	51	(SS)	4.0	25.9	4.2	782	6G	(SS)	3.5	12.8	3.5
725	51	CH	13.0	43.6	22.6	783	6G	(SS)	5.5	39.8	10.6
726	51	CH	14.0	31.4	12.7	784	6G	ME	17.4	74.1	14.1
727	51	CH	15.0	35.7	17.7	785	6G	(SS)	2.0	17.5	2.8
728	51	CH	5.5	22.2	4.2	786	6G	ME	8.0	42.4	12.0
729	61	CH	4.5	17.5	4.2	787	6G	(SS)	1.0	18.6	0.7
730	61	CH	0.0	7.4	0.0	788	6G	(SS)	2.0	25.1	4.2
731	61	OR	10.5	18.9	0.0	789	6G	ME	19.9	76.2	16.5
732	61	OR	3.0	27.1	12.0	790	6G	(SS)	7.5	60.8	8.5
733	61	OR	16.4	33.4	16.3	791	6G	ME	17.9	70.5	17.0
734	61	OR	10.5	46.3	14.8	792	6G	(SS)	5.0	39.5	8.5
735	61	OR	12.0	53.2	12.7	793	6G	ME	10.5	52.4	7.6
736	61	(SS)	1.5	21.3	4.2	794	6G	(SS)	6.0	41.3	7.8
737	61	SA	4.5	23.4	9.9	795	6G	ME	15.4	60.2	19.1
738	61	SA	4.0	31.7	7.0	796	6G	(SS)	6.0	37.0	9.2
739	61	CH	5.0	43.0	7.8	797	6G	(SS)	13.0	70.5	14.1
740	61	CH	12.5	83.0	25.4	798	6G	ME	15.9	62.6	16.3
741	61	OR	7.5	48.7	12.0	799	6G	(SS)	3.0	24.6	17.0
742	61	OR	15.0	38.1	9.9	800	6G	ME	6.5	52.7	19.8
743	61	OR	24.4	36.4	10.6	801	6G	PU	18.7	95.5	12.0
744	61	OR	7.5	36.5	0.0	802	6G	ME	14.2	18.2	34.5
745	61	OR	95.7	68.6	55.1	803	6G	PU	15.6	544.8	25.7
746	61	OR	10.7	55.3	15.5	804	6G	(SS)	1.9	2,064.5	16.9
747	61	OR	26.9	90.0	29.0	805	6G	(SS)	4.5	82.5	17.7
748	61	OR	11.0	74.2	21.2	806	6G	(SS)	0.6	36.6	16.9
749	61	OR	3.5	48.3	7.1	807	6F	PU	5.8	24.5	12.0
750	61	OR	35.4	85.7	34.6	808	6F	PU	14.8	1,000.0	39.4
751	61	OR	10.5	55.6	6.4	809	6F	PU	0.0	81.9	8.0
752	61	OR	13.5	36.1	9.2	810	6F	(SS)	1.9	23.1	9.6
753	61	OR	75.2	43.4	38.2	811	6F	(SS)	3.9	81.9	10.4
754	61	SA	14.0	51.7	17.0	812	6F	PU	16.1	43.3	29.7

Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
813	6G	(SS)	5.8	29.7	16.1	871	7F	(SS)	3.2	17.5	16.1
814	6G	(SS)	3.9	29.7	15.3	872	7F	(SS)	3.2	27.3	15.3
815	6G	(SS)	2.6	29.0	12.9	873	7F	QU	9.0	16.7	23.3
816	6G	(SS)	2.6	46.4	11.2	874	7F	QU	11.0	20.0	28.1
817	6G	(SS)	9.0	36.8	19.3	875	7F	(SS)	9.7	109.7	24.9
818	6G	CR	11.6	53.5	18.5	876	7F	QU	5.2	47.0	24.1
819	6G	(SS)	0.0	31.8	9.6	877	7F	(SS)	95.1	133.2	67.4
820	6G	PU	8.4	50.2	20.9	878	7F	(SS)	12.9	37.3	16.1
821	6G	(SS)	5.2	39.8	16.9	879	7F	(SS)	8.4	33.3	12.9
822	6G	PU	14.8	51.7	24.9	880	7F	(SS)	1.3	32.6	8.8
823	6G	PU	7.1	24.3	25.7	881	7F	QU	9.7	65.6	7.2
824	6G	SA	12.9	33.2	28.9	882	7F	QU	6.5	57.1	9.6
825	6G	(SS)	5.8	45.0	14.5	883	7F	QU	3.9	12.7	0.0
826	6G	OR	0.6	16.1	5.6	884	7F	QU	12.3	50.2	9.6
827	6G	CH	12.3	75.0	39.4	885	7F	QU	8.4	41.0	13.7
828	6G	CH	9.0	63.9	32.1	886	7F	QU	23.9	104.0	40.2
829	6G	(SS)	5.2	31.6	14.5	887	7F	QU	11.6	37.2	4.8
830	7G	(SS)	1.9	29.3	12.9	888	8F	QU	49.0	31.8	22.5
831	7G	CH	13.5	59.5	27.5	889	8F	(SS)	2.6	18.4	4.0
832	6G	SA	0.0	12.5	4.0	890	8F	QU	16.1	28.8	18.5
833	6G	OR	9.0	25.9	19.3	891	8G	MI	7.7	26.0	11.2
834	6G	CH	19.4	58.5	42.6	892	8G	MI	16.1	36.5	24.1
835	7G	CH	20.6	89.4	32.9	893	8G	(SS)	6.5	39.2	13.7
836	7G	CH	21.3	83.9	39.4	894	8G	(SS)	14.8	50.9	10.4
837	7G	CH	9.7	63.5	28.9	895	8G	(SS)	5.2	36.5	9.6
838	7G	CH	25.2	45.5	38.6	896	8G	(SS)	8.4	22.6	7.2
839	7G	CH	12.3	58.5	24.9	897	8G	OR	2.6	14.9	4.0
840	7G	CH	3.2	66.5	20.1	898	8G	OR	13.5	14.6	9.6
841	7G	(SS)	6.5	43.7	9.6	899	8G	OR	13.5	30.6	14.5
842	7G	(SS)	20.0	37.2	15.3	900	8G	OR	25.8	19.6	18.5
843	7G	(SS)	2.6	29.9	9.6	901	8G	OR	9.4	37.5	26.3
844	7G	CH	11.0	113.5	22.5	902	8G	(SS)	5.2	20.4	5.5
845	7G	CH	18.7	43.6	16.1	903	8G	OR	7.8	20.8	13.1
846	7G	CH	18.1	53.0	16.1	904	8G	(SS)	6.3	25.1	7.6
847	7G	CH	0.0	35.2	12.1	905	8G	(SS)	8.3	32.8	8.3
848	7G	(SS)	7.7	77.8	9.6	906	8G	OR	2.6	19.9	9.7
849	7G	(SS)	6.5	67.7	12.0	907	8G	(SS)	3.7	20.7	6.9
850	7G	CH	16.1	91.5	28.9	908	8G	OR	5.7	19.8	9.0
851	7G	PU	10.3	94.3	17.7	909	8G	(SS)	8.9	33.7	15.9
852	7G	PU	11.0	84.9	20.1	910	7G	(SS)	9.9	38.4	15.2
853	7G	PU	14.8	113.5	37.8	911	7G	(SS)	10.9	31.1	11.8
854	7G	PU	14.2	162.0	62.7	912	7G	(SS)	13.0	37.4	12.5
855	7G	PU	46.5	465.9	86.7	913	7G	(SS)	13.0	37.2	7.6
856	7G	PU	21.9	75.2	15.3	914	7G	(SS)	16.2	44.6	10.4
857	7G	PU	5.2	78.8	26.5	915	7G	(SS)	14.1	36.5	21.1
858	7G	PU	17.4	59.5	39.4	916	7G	(SS)	12.5	34.5	10.4
859	7G	(SS)	5.8	48.8	9.6	917	7G	(SS)	11.5	36.9	6.9
860	7G	(SS)	11.6	60.8	15.3	918	7G	(SS)	5.2	27.6	4.2
861	7G	PU	5.8	64.2	20.9	919	7G	(SS)	6.8	21.0	5.5
862	7G	(SS)	5.2	25.2	8.8	920	7G	(SS)	3.7	17.4	1.4
863	7G	(SS)	5.2	69.3	15.3	921	7G	(SS)	6.3	20.1	4.8
864	7G	(SS)	5.2	19.1	12.9	922	7G	(SS)	8.9	18.8	2.1
865	7G	QU	10.3	62.0	34.5	923	8G	MI	6.8	20.8	4.2
866	7G	(SS)	7.1	63.2	25.7	924	8F	MI	5.2	16.6	10.4
867	7G	QU	20.6	70.1	28.1	925	8F	(SS)	4.2	21.8	3.5
868	7F	(SS)	4.5	32.8	18.5	926	8F	(SS)	5.7	15.2	2.1
869	7F	QU	32.9	99.1	25.7	927	8F	MI	5.7	24.3	4.8
870	7F	QU	31.0	77.4	31.3	928	8F	MI	7.3	51.6	9.0

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
929	BF	MI	12.0	30.5	6.9	987	8H	CH	17.0	40.9	25.6
930	8G	(SS)	13.6	19.8	4.2	988	8H	(SS)	53.7	46.6	22.8
931	8G	(SS)	1.6	14.8	0.0	989	8H	CH	67.3	51.9	36.0
932	8G	(SS)	9.9	23.6	3.5	990	8H	(SS)	59.0	71.4	32.5
933	8G	OR	6.8	18.6	9.7	991	8H	(SS)	51.0	71.6	35.3
934	8G	OR	1.6	11.3	2.1	992	8H	(SS)	17.2	27.7	16.6
935	8G	OR	4.2	15.3	4.2	993	8H	CH	113.7	57.8	44.3
936	8G	OR	6.8	42.4	51.9	994	8H	(SS)	17.2	34.1	16.6
937	8G	OR	8.3	15.0	0.7	995	8F	QU	14.1	81.7	31.1
938	8G	OR	7.3	39.3	18.7	996	8F	QU	13.0	75.1	10.4
939	8G	OR	5.7	11.7	0.0	997	8F	(SS)	5.7	11.7	2.8
940	8G	OR	12.5	51.3	28.4	998	8F	(SS)	5.7	17.7	2.1
941	8G	OR	33.4	24.8	31.1	999	8F	QU	12.0	32.3	12.5
942	8G	OR	6.3	21.0	20.8	1000	8F	PU	7.3	22.0	5.5
943	8G	OR	12.0	44.1	21.6	1001	8F	(SS)	9.5	30.2	10.8
944	8G	(SS)	14.6	18.3	7.6	1002	8F	MI	29.2	71.5	18.7
945	8G	(SS)	6.8	14.2	4.8	1003	8F	(SS)	22.6	71.0	21.6
946	8G	OR	9.4	245.9	31.1	1004	8F	(SS)	23.2	66.3	22.3
947	8G	OR	56.9	28.0	41.5	1005	8F	(SS)	17.3	41.4	23.7
948	8G	(SS)	12.5	20.5	21.5	1006	8F	(SS)	21.4	68.4	23.0
949	8G	OR	10.4	28.3	28.4	1007	8F	(SS)	22.6	63.5	20.9
950	8G	OR	10.4	28.6	15.9	1008	8F	QU	27.4	37.8	22.3
951	8G	OR	4.2	38.3	18.0	1009	8F	PU	29.2	56.6	22.3
952	8G	OR	11.0	32.8	15.9	1010	8F	(SS)	19.0	20.6	8.6
953	8G	(SS)	7.3	24.3	11.1	1011	8F	(SS)	55.4	74.8	28.1
954	8G	OR	18.3	69.2	30.4	1012	8F	(SS)	58.9	72.7	28.9
955	8G	OR	11.0	66.0	27.0	1013	8F	(SS)	49.4	70.3	24.5
956	8G	OR	43.3	64.2	31.1	1014	8F	(SS)	58.3	54.9	25.2
957	8G	(SS)	18.8	59.2	21.5	1015	8F	(SS)	52.4	82.0	25.9
958	8G	OR	20.3	60.4	29.8	1016	8F	(SS)	56.0	80.8	25.9
959	8G	(SS)	16.3	59.4	22.8	1017	8F	(SS)	63.1	82.0	25.9
960	8G	(SS)	14.1	22.6	11.1	1018	8F	(SS)	58.9	82.5	27.3
961	8G	(SS)	9.4	35.3	10.4	1019	8F	(SS)	101.2	86.9	42.4
962	8G	(SS)	13.0	68.5	21.5	1020	8F	(SS)	53.6	87.1	26.6
963	8G	OR	12.0	71.6	16.2	1021	8F	(SS)	42.9	75.7	23.0
964	8G	OR	20.9	64.8	21.5	1022	8F	(SS)	44.6	88.8	23.7
965	8G	(SS)	25.6	57.0	15.9	1023	8F	(SS)	64.3	75.3	29.5
966	8G	SA	230.4	64.5	45.4	1024	8F	(SS)	41.7	65.9	19.4
967	8G	SA	12.0	78.2	25.6	1025	8F	BC	39.3	68.2	15.1
968	8H	SA	27.1	45.6	31.8	1026	8F	(SS)	61.9	79.9	32.8
969	8H	CH	17.2	67.9	26.3	1027	9F	(SS)	75.6	95.3	37.4
970	8H	CH	64.7	70.7	42.9	1028	8F	(SS)	80.4	96.9	39.6
971	8H	(SS)	24.5	71.4	25.6	1029	8F	BC	25.0	46.0	19.4
972	8H	(SS)	32.3	78.4	41.5	1030	9F	(SS)	76.8	80.4	30.9
973	8H	CH	44.9	88.3	42.9	1031	9F	(SS)	84.5	97.4	43.3
974	8H	(SS)	47.0	72.9	32.5	1032	8F	(SS)	95.8	97.6	44.0
975	8H	CH	51.1	64.8	35.3	1033	9F	OR	12.5	47.6	10.1
976	8H	(SS)	36.0	78.4	31.8	1034	9F	OR	25.6	138.3	51.3
977	8H	CH	58.4	57.5	32.5	1035	9F	(SS)	25.6	75.2	16.6
978	8H	CH	26.6	119.5	78.2	1036	9F	QU	33.3	85.5	29.6
979	8H	(SS)	53.2	80.5	35.3	1037	9F	QU	16.7	58.7	16.6
980	8H	CH	101.2	53.5	38.8	1038	9F	(SS)	27.4	84.6	35.4
981	8H	CH	56.9	87.5	47.1	1039	9F	(SS)	9.5	67.5	18.1
982	8H	CH	53.2	60.1	27.0	1040	9F	QU	11.9	38.5	7.9
983	8H	CH	72.5	90.0	20.8	1041	9F	(SS)	35.7	80.8	33.9
984	8H	CH	78.8	67.9	42.2	1042	9F	(SS)	23.1	87.4	36.1
985	8H	CH	79.3	81.6	42.2	1043	9F	(SS)	26.8	74.3	28.2
986	8H	CH	51.7	42.5	13.1	1044	9F	CH	11.9	43.0	12.3

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
1045	9F	CH	6.0	48.6	7.9	1103	12E	CH	12.0	43.6	14.0
1046	9F	(SS)	18.5	68.7	26.7	1104	12E	CH	13.5	52.9	18.0
1047	12E	(SS)	19.6	37.3	17.3	1105	12E	CH	15.9	30.9	26.7
1048	12E	(SS)	11.9	84.1	31.0	1106	12E	CH	11.4	49.1	18.0
1049	12E	(SS)	18.5	120.5	55.6	1107	12E	(SS)	23.1	53.0	17.3
1050	12E	(SS)	13.7	90.7	41.9	1108	11E	(SS)	15.4	55.3	22.0
1051	12E	(SS)	9.7	30.1	7.9	1109	11E	CH	15.4	66.2	18.0
1052	12E	(SS)	20.3	72.6	16.6	1110	11E	CH	19.7	43.4	25.3
1053	12E	CH	12.6	36.9	15.9	1111	11E	CH	9.6	33.7	14.7
1054	12E	CH	78.8	88.3	41.2	1112	11E	(SS)	9.1	32.4	14.0
1055	12E	CH	17.0	60.0	15.9	1113	11E	(SS)	7.7	36.1	12.7
1056	12E	CH	21.9	87.8	23.8	1114	11E	(SS)	15.4	49.2	22.3
1057	12E	(SS)	38.3	68.4	33.2	1115	11E	(SS)	16.4	50.0	22.0
1058	12E	(SS)	21.9	59.3	24.5	1116	11E	(SS)	16.4	43.9	25.3
1059	12E	(SS)	36.7	81.1	30.3	1117	12F	(SS)	14.4	45.8	24.0
1060	12E	CH	21.4	64.9	17.3	1118	12F	(SS)	16.9	51.3	44.7
1061	12E	CH	12.0	22.0	10.8	1119	12F	CH	13.0	65.6	23.3
1062	11E	CH	13.1	16.6	9.4	1120	12F	(SS)	14.9	49.8	28.7
1063	11E	CH	33.4	74.3	30.3	1121	12E	CH	8.7	56.4	20.0
1064	11E	(SS)	20.3	52.6	23.8	1122	12E	(SS)	14.4	58.6	17.3
1065	11E	(SS)	20.2	52.4	15.2	1123	12E	CH	15.9	76.4	26.7
1066	11E	(SS)	27.9	65.4	29.6	1124	12E	(SS)	9.1	48.5	15.3
1067	11E	CH	17.0	41.8	18.8	1125	12E	CH	20.7	143.3	28.0
1068	11E	(SS)	19.2	45.6	15.2	1126	12E	CH	21.7	86.4	30.0
1069	11E	CH	37.2	86.9	26.7	1127	12E	CH	17.3	48.3	25.3
1070	11E	CH	13.7	128.4	13.0	1128	12E	CH	15.9	58.5	19.3
1071	11E	(SS)	18.1	64.7	30.3	1129	12E	CH	26.0	79.1	24.0
1072	11E	CH	14.8	71.5	16.6	1130	12E	CH	14.9	69.8	21.3
1073	11E	(SS)	14.2	54.7	24.5	1131	12E	CH	6.7	27.0	12.7
1074	11E	CH	8.8	44.6	19.5	1132	10E	(SS)	10.1	51.7	20.0
1075	11E	CH	13.3	55.1	30.3	1133	10E	CH	24.1	96.4	36.7
1076	11E	CH	10.9	71.7	15.9	1134	10E	(SS)	12.5	55.5	22.0
1077	11E	CH	19.7	115.4	33.2	1135	10E	CH	20.7	78.3	28.7
1078	11E	CH	18.6	54.9	28.9	1136	10E	CH	10.1	58.6	18.0
1079	11E	CH	9.3	70.1	23.8	1137	10E	CH	18.3	90.0	20.7
1080	11E	(SS)	11.5	54.9	27.4	1138	10E	CH	14.4	79.8	22.0
1081	11E	CH	23.0	43.0	26.7	1139	10E	(SS)	13.0	60.2	22.0
1082	11E	CH	27.4	51.7	24.5	1140	10E	(SS)	12.5	55.3	20.7
1083	11E	(SS)	11.5	61.5	18.1	1141	10E	(SS)	14.0	51.7	23.3
1084	11E	(SS)	9.9	45.8	15.9	1142	10E	CH	8.2	76.7	17.3
1085	11E	(SS)	9.3	49.1	20.9	1143	10E	CH	15.9	97.7	19.3
1086	12E	(SS)	11.5	140.2	38.3	1144	10E	(SS)	12.0	57.7	22.7
1087	12E	CH	15.3	157.5	59.9	1145	9E	QU	4.3	35.5	4.7
1088	12E	(SS)	8.8	50.4	18.7	1146	9E	QU	5.3	20.2	0.0
1089	12E	CH	90.3	97.2	62.1	1147	9E	QU	5.3	34.7	0.0
1090	12E	(SS)	156.0	832.2	80.9	1148	9E	(SS)	2.4	30.5	0.0
1091	12E	(SS)	9.3	55.1	28.2	1149	9E	QU	2.4	18.6	1.3
1092	12E	CH	15.9	79.4	34.6	1150	9E	QU	3.9	36.4	2.7
1093	12E	(SS)	2.2	34.3	15.2	1151	9E	(SS)	14.7	75.6	7.3
1094	12E	CH	14.4	95.6	20.9	1152	9E	(SS)	3.7	73.6	1.3
1095	12E	(SS)	15.3	80.8	22.4	1153	9E	(SS)	3.7	75.0	0.0
1096	12E	CH	8.2	51.0	20.2	1154	9E	NP	4.1	44.8	2.7
1097	12E	(SS)	27.4	62.4	18.1	1155	9E	NP	5.1	60.9	2.7
1098	12E	CH	9.9	65.6	17.3	1156	9E	(SS)	3.2	54.7	0.7
1099	12E	(SS)	10.4	67.0	28.2	1157	9E	(SS)	3.7	70.5	1.3
1100	12E	(SS)	40.0	69.6	23.1	1158	9E	(SS)	2.8	49.7	0.0
1101	12E	(SS)	27.9	58.3	17.3	1159	9E	(SS)	3.7	60.3	0.7
1102	12E	CH	17.8	39.7	24.7	1160	9E	NP	6.9	85.3	4.0

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
1161	9E	(SS)	4.4	76.5	1.3	1219	10E	PU	0.0	101.2	22.8
1162	9E	(SS)	2.8	49.2	0.0	1220	10E	(SS)	0.0	67.7	16.9
1163	9E	QU	10.6	80.0	0.7	1221	10E	CH	10.3	36.6	1.5
1164	9E	(SS)	4.4	32.0	0.7	1222	10E	CH	10.9	25.7	19.8
1165	9E	(SS)	4.4	28.0	0.0	1223	10E	PU	7.2	114.6	26.4
1166	9E	MP	6.4	61.8	2.7	1224	10E	PU	17.5	196.7	13.9
1167	9E	MP	7.4	28.9	0.7	1225	10E	PU	8.5	300.0	19.1
1168	9E	MP	6.9	54.8	6.0	1226	10E	PU	4.2	45.7	18.3
1169	9E	(SS)	4.1	24.5	3.3	1227	9E	TV	3.0	63.9	8.1
1170	9E	(SS)	19.8	64.4	18.7	1228	9E	TV	0.6	35.2	2.2
1171	9E	QU	8.7	34.8	13.3	1229	9E	TV	15.7	52.6	10.3
1172	9E	(SS)	26.7	67.1	25.3	1230	9E	SA	1.8	38.0	4.4
1173	9E	QU	6.9	78.3	8.7	1231	9E	PU	1.7	44.8	5.9
1174	9E	QU	12.9	103.4	20.7	1232	9E	PU	6.8	137.3	12.5
1175	9E	(SS)	11.5	49.2	15.3	1233	9E	(SS)	0.0	283.3	21.0
1176	9E	(SS)	14.3	48.9	12.0	1234	9E	PU	10.8	246.7	12.5
1177	9E	OR	28.1	60.0	24.0	1235	9E	SA	0.0	68.9	34.5
1178	9E	OR	25.3	66.7	23.3	1236	10E	MP	23.4	363.3	11.0
1179	9E	QU	21.2	69.1	19.3	1237	10E	MP	10.8	47.4	63.1
1180	9F	(SS)	14.3	59.4	22.0	1238	10E	MP	22.8	616.7	28.6
1181	9F	OR	20.2	49.5	17.3	1239	10E	(SS)	4.6	1,253.3	23.5
1182	9F	HI	20.2	35.9	12.0	1240	8E	(SS)	11.4	63.4	5.2
1183	9F	(SS)	32.2	77.3	33.3	1241	8E	(SS)	2.3	36.8	0.7
1184	9F	(SS)	35.8	84.8	35.3	1242	8E	(SS)	14.8	52.6	15.4
1185	9F	HI	19.8	68.2	54.7	1243	8E	(SS)	8.6	46.2	9.5
1186	9F	(SS)	31.7	74.1	29.3	1244	8E	(SS)	11.4	57.5	16.9
1187	9F	(SS)	31.7	68.6	26.0	1245	8E	(SS)	53.6	52.8	28.6
1188	9F	(SS)	41.9	88.2	36.0	1246	8E	(SS)	9.7	52.1	16.1
1189	9F	(SS)	40.5	84.7	37.3	1247	8E	CG	10.8	66.7	8.8
1190	9F	HI	50.6	102.9	48.7	1248	8E	(SS)	6.3	47.6	4.8
1191	9F	HI	43.7	99.2	40.0	1249	8E	QU	4.6	52.6	5.1
1192	9F	(SS)	40.0	89.1	35.3	1250	8E	(SS)	10.3	54.9	17.6
1193	9F	HI	22.5	78.0	30.0	1251	8E	QU	19.4	77.8	12.5
1194	9F	HI	29.0	74.8	31.7	1252	8E	MP	7.4	73.1	8.8
1195	9F	(SS)	21.6	64.7	33.3	1253	6F	PU	24.5	806.7	80.0
1196	9F	HI	28.1	61.1	28.7	1254	6F	PU	9.7	37.8	16.1
1197	9F	HI	15.2	33.9	14.7	1255	6F	PU	50.8	84.7	33.0
1198	8D	(SS)	15.6	38.3	6.0	1256	6F	PU	33.1	42.0	21.3
1199	8D	(SS)	17.0	40.5	14.7	1257	6F	PU	16.0	30.2	17.6
1200	8D	PC	34.5	88.0	21.0	1258	6F	(SS)	16.5	34.9	16.9
1201	8D	PC	21.7	62.5	17.6	1259	6F	(SS)	7.4	24.8	10.3
1202	8D	(SS)	19.3	46.3	17.6	1260	6F	PU	22.2	77.1	30.1
1203	8D	PC	76.7	51.6	17.6	1261	6F	(SS)	3.4	19.4	1.5
1204	8D	(SS)	23.5	47.4	16.9	1262	6F	PU	7.4	67.4	18.3
1205	8D	(SS)	27.2	54.5	21.3	1263	6F	PU	18.3	137.3	52.8
1206	8D	(SS)	10.3	43.2	16.7	1264	6F	OR	13.1	62.2	27.2
1207	8D	(SS)	17.5	58.3	19.8	1265	6F	OR	1.1	55.2	7.3
1208	8D	(SS)	19.3	64.4	16.9	1266	6F	PU	45.1	79.5	33.0
1209	8D	PC	62.2	78.0	28.6	1267	6F	PU	171.1	28.8	14.7
1210	8D	(SS)	30.2	51.9	16.1	1268	6F	(SS)	4.0	25.9	5.9
1211	8D	(SS)	21.1	47.4	15.4	1269	6F	PU	10.3	26.9	11.0
1212	10E	(SS)	4.8	46.5	23.5	1270	6F	(SS)	2.9	19.3	3.7
1213	10E	PU	10.9	79.2	31.6	1271	6F	PU	25.1	95.5	26.4
1214	10E	PU	13.9	102.1	28.6	1272	6F	PU	45.6	753.3	76.3
1215	10E	(SS)	2.4	109.9	18.3	1273	6F	PU	14.8	85.0	41.8
1216	10E	PU	0.6	19.3	8.8	1274	6F	PU	63.9	133.5	64.6
1217	10E	PU	6.6	53.3	19.1	1275	6F	PU	14.3	113.9	47.7
1218	10E	PU	5.4	47.6	28.6	1276	6F	PU	59.3	120.3	35.2

Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
1277	6F	PU	21.7	125.7	38.2	1335	81	CH	15.1	54.1	13.3
1278	6F	PU	7.4	21.5	16.9	1336	81	CH	28.6	75.8	21.3
1279	6F	PU	52.5	756.7	133.6	1337	71	CH	47.2	68.6	19.3
1280	6F	PU	1,452.6	2,190.0	82.9	1338	71	CH	17.2	74.5	28.0
1281	6F	PU	7.4	14.2	9.5	1339	71	CH	55.3	100.3	30.7
1282	6F	PU	23.9	11.8	8.8	1340	71	CH	37.2	78.5	13.3
1283	6F	PU	14.3	16.8	12.5	1341	71	CH	21.5	83.2	20.7
1284	6F	PU	1.1	12.2	5.9	1342	71	CH	23.4	71.2	16.7
1285	6F	PU	33.1	125.3	41.8	1343	71	CH	29.1	50.9	18.7
1286	6F	PU	4.0	12.0	6.6	1344	71	CH	12.4	47.0	14.0
1287	6F	PU	5.1	39.7	18.3	1345	71	CH	65.8	45.0	16.7
1288	6F	PU	53.0	746.7	132.8	1346	71	CH	21.0	62.0	22.0
1289	6F	PU	51.3	823.3	39.6	1347	71	(SS)	12.9	73.4	17.3
1290	6F	PU	29.1	146.9	41.8	1348	71	CH	9.1	38.0	10.0
1291	6F	PU	22.8	696.7	53.6	1349	71	CH	14.8	49.8	19.3
1292	6F	PU	16.5	853.3	25.7	1350	71	CH	38.2	87.7	28.7
1293	6F	PU	27.4	35.6	20.6	1351	71	CH	22.5	65.8	22.0
1294	6F	PU	40.5	93.6	26.4	1352	71	CH	14.2	56.4	15.3
1295	6F	PU	7.4	61.3	16.9	1353	71	CH	28.5	82.1	27.3
1296	6F	PU	19.4	109.2	33.8	1354	71	CH	33.5	77.5	23.3
1297	6F	PU	24.0	75.3	24.5	1355	71	(SS)	17.0	53.8	16.7
1298	6F	PU	3.4	21.9	5.9	1356	7H	CH	10.6	41.1	15.3
1299	6G	PU	10.8	41.0	27.9	1357	7H	CH	6.9	52.6	20.0
1300	6G	PU	10.8	49.5	27.9	1358	7H	CH	11.5	48.2	18.7
1301	6G	PU	20.0	39.0	29.3	1359	7H	CH	10.6	62.3	16.7
1302	6G	PU	9.1	64.4	15.3	1360	7H	CH	13.8	67.1	20.0
1303	6G	PU	20.0	375.4	45.3	1361	7H	CH	9.6	47.7	19.3
1304	6G	PU	9.1	78.2	24.0	1362	7H	CH	9.6	40.7	13.3
1305	7G	OR	12.9	68.5	21.3	1363	7H	CH	2.3	26.9	16.0
1306	7G	OR	8.6	33.8	16.0	1364	7H	CH	14.2	82.7	26.0
1307	7G	CH	7.2	45.0	19.3	1365	7H	CH	19.3	264.3	26.0
1308	7G	CH	13.8	62.3	30.7	1366	7H	CH	12.7	78.7	30.7
1309	7G	CH	12.4	73.0	38.0	1367	7H	CH	39.3	58.0	22.7
1310	7G	CH	20.0	80.5	35.3	1368	7H	(SS)	6.0	43.2	12.0
1311	7H	CH	13.4	74.5	33.3	1369	7H	CH	17.5	84.2	40.7
1312	7H	CH	14.8	81.2	42.7	1370	7H	CH	14.2	48.8	17.3
1313	7H	CH	56.8	88.0	46.0	1371	7H	(SS)	15.6	54.1	24.0
1314	7H	OR	11.0	53.0	21.3	1372	7H	CH	1.8	18.5	4.7
1315	7H	OR	9.1	49.5	19.3	1373	7H	CH	3.7	38.9	11.3
1316	7H	CH	21.9	75.1	32.7	1374	7H	CH	29.4	38.9	33.3
1317	7H	CH	15.3	32.0	12.7	1375	7H	CH	4.6	39.9	18.0
1318	7H	(SS)	9.5	31.4	12.0	1376	7H	CH	8.3	36.3	24.7
1319	7H	CH	12.9	71.6	33.3	1377	7H	CH	17.0	69.8	33.3
1320	7H	CH	11.4	47.6	22.0	1378	7H	CH	10.6	76.4	21.3
1321	7H	CH	40.1	74.9	33.3	1379	7H	CH	8.3	55.9	16.7
1322	7H	CH	11.4	41.9	16.0	1380	7H	CH	11.5	69.4	24.7
1323	7H	CH	4.8	34.8	13.3	1381	7H	CH	10.6	66.1	20.7
1324	7H	CH	7.6	40.5	16.0	1382	7H	CH	6.9	47.9	24.0
1325	7H	CH	1.4	16.4	6.7	1383	7H	(SS)	8.3	38.3	17.3
1326	7H	CH	0.0	10.4	2.7	1384	7H	CH	10.6	49.2	23.3
1327	7H	CH	7.2	35.3	14.0	1385	7H	CH	4.1	25.1	15.3
1328	7H	CH	9.5	45.4	20.0	1386	7H	CH	11.5	50.2	28.7
1329	7H	CH	3.3	9.8	4.0	1387	7H	CH	10.6	57.4	14.0
1330	81	CH	21.0	52.9	21.3	1388	7H	CH	7.8	55.9	20.0
1331	81	CH	17.2	54.7	12.7	1389	7H	CH	7.4	45.8	16.0
1332	81	CH	24.8	83.0	20.7	1390	7H	CH	5.1	35.3	16.0
1333	81	CH	28.1	79.4	19.3	1391	7H	CH	10.1	79.4	21.3
1334	81	(SS)	15.3	56.0	15.3	1392	7H	(SS)	17.5	77.0	28.0

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
1393	7H	CH	16.5	80.0	27.3	1451	6H	CH	4.3	18.5	11.4
1394	7H	CH	24.3	87.2	25.3	1452	6H	CH	1.6	13.9	7.6
1395	7H	(SS)	12.9	59.0	16.7	1453	6H	CH	5.9	25.8	9.2
1396	7H	CH	15.6	70.7	20.7	1454	6H	CH	9.7	28.4	13.7
1397	7H	CH	10.6	78.2	18.7	1455	6H	CH	3.2	14.5	6.1
1398	7H	CH	9.2	68.6	17.3	1456	6H	CH	7.6	31.0	9.2
1399	7H	CH	19.8	88.4	22.7	1457	6H	(SS)	8.6	45.0	25.2
1400	7H	CH	24.3	79.7	26.0	1458	6H	CH	24.3	72.4	24.4
1401	7H	CH	21.4	57.1	29.8	1459	5H	(SS)	0.0	37.6	9.2
1402	7I	(SS)	9.3	54.7	18.3	1460	5H	SA	4.3	25.6	30.5
1403	7I	CH	29.0	73.7	29.8	1461	5H	SA	4.3	34.5	22.1
1404	7I	CH	19.1	63.5	22.1	1462	5H	(SS)	0.0	13.7	4.6
1405	7I	CH	12.4	89.0	25.9	1463	5H	SA	21.6	29.8	13.7
1406	7I	CH	4.6	33.1	17.6	1464	5H	SA	8.5	65.5	9.2
1407	7I	CH	17.4	88.2	29.0	1465	5H	SA	17.3	926.9	33.6
1408	7H	CH	8.1	65.5	28.2	1466	5H	SA	4.3	53.5	37.4
1409	7H	CH	11.6	60.5	26.7	1467	5H	(SS)	0.0	11.3	4.6
1410	7H	CH	6.4	57.6	22.1	1468	5H	SA	155.9	136.9	113.7
1411	7H	CH	5.2	41.8	23.0	1469	5H	SA	0.0	22.1	9.2
1412	7H	CH	16.2	60.5	24.4	1470	5H	(SS)	0.0	15.8	8.4
1413	7H	CH	8.1	56.0	19.1	1471	5H	SA	11.3	29.2	13.7
1414	7H	CH	13.3	58.9	19.8	1472	5H	OR	1.6	31.9	11.3
1415	7H	CH	3.5	34.8	8.4	1473	5H	(SS)	0.5	15.0	3.8
1416	7H	CH	8.1	32.9	10.9	1474	5H	(SS)	0.5	16.3	6.1
1417	7H	(SS)	9.3	63.7	10.7	1475	5H	OR	2.7	37.4	26.9
1418	7H	CH	6.9	38.5	13.7	1476	5H	(SS)	9.7	61.8	29.0
1419	7H	CH	8.1	32.3	11.5	1477	2G	(SS)	15.6	65.2	21.4
1420	7H	CH	8.7	64.7	13.7	1478	2G	(SS)	15.1	54.7	21.4
1421	7H	CH	12.2	86.3	21.3	1479	2G	(SS)	9.2	25.8	18.3
1422	7H	CH	8.1	70.8	22.1	1480	2G	(SS)	12.4	66.5	22.9
1423	7H	CH	5.2	46.0	15.2	1481	4G	QU	9.4	83.4	7.0
1424	7H	CH	13.9	60.3	22.1	1482	4G	QU	9.8	38.9	5.6
1425	7H	CH	11.6	51.9	13.7	1483	4G	PG	10.1	73.7	6.3
1426	7H	CH	16.8	60.2	23.7	1484	4G	PG	7.0	66.3	5.2
1427	7H	CH	13.9	66.9	45.0	1485	4G	QU	6.8	27.2	4.1
1428	7H	CH	106.6	52.7	30.5	1486	4G	QU	10.6	62.0	9.6
1429	7H	(SS)	5.8	48.2	16.0	1487	4G	QU	22.8	97.5	10.4
1430	7H	CH	3.5	37.4	22.1	1488	4G	(SS)	14.6	69.5	12.1
1431	6H	CH	5.2	52.7	33.6	1489	4G	(SS)	4.3	36.6	3.4
1432	6H	CH	3.5	27.3	9.2	1490	4G	(SS)	2.0	24.9	2.5
1433	6H	(SS)	0.6	31.9	13.0	1491	4G	(SS)	5.7	38.5	3.0
1434	6H	CH	6.4	42.7	20.6	1492	4G	(SS)	12.7	19,393.8	14.4
1435	6H	CH	5.2	44.2	16.0	1493	4G	QU	7.3	35.8	5.2
1436	6H	CH	0.0	29.2	16.0	1494	4G	QU	15.1	77.3	14.5
1437	6H	CH	2.3	49.2	33.6	1495	4G	QU	10.5	36.1	10.7
1438	6H	CH	0.0	28.1	13.0	1496	4G	(SS)	8.3	83.2	7.4
1439	6H	(SS)	3.5	38.9	22.9	1497	4G	(SS)	9.6	57,715.0	20.4
1440	6H	CH	9.8	62.6	27.5	1498	4G	(SS)	9.1	55.7	8.4
1441	6H	CH	15.1	109.2	51.1	1499	4G	(SS)	9.3	62.0	9.4
1442	6H	CH	8.6	87.1	38.2	1500	4G	(SS)	10.4	21,227.5	17.6
1443	6H	CH	6.5	67.6	31.3	1501	4G	(SS)	10.8	44.9	11.0
1444	6H	(SS)	4.9	31.1	13.0	1502	4G	(SS)	20.4	94.2	9.3
1445	6H	CH	3.2	31.3	12.2	1503	4G	(SS)	9.8	37.1	12.7
1446	6H	CH	10.8	61.1	19.8	1504	4G	PG	9.7	27.4	9.0
1447	6H	CH	14.6	39.0	25.2	1505	4G	PG	14.2	49.9	10.5
1448	6H	(SS)	2.7	21.6	7.6	1506	4G	(SS)	12.3	35.5	13.5
1449	6H	CH	9.7	25.8	19.1	1507	4G	(SS)	11.5	33.4	10.9
1450	6H	(SS)	1.6	29.5	9.2	1508	4G	(SS)	8.0	12.8	8.0

Sample No.	Location	Geological Index	Ce (ppm)	Zn (ppm)	Ni (ppm)	Sample No.	Location	Geological Index	Ce (ppm)	Zn (ppm)	Ni (ppm)
1509	4G	(SS)	7.9	16.0	8.2	1567	1G	PG	72.0	81.6	54.4
1510	4G	(SS)	7.7	11.9	8.9	1568	1G	PG	22.2	59.3	40.1
1511	4G	(SS)	7.5	12.9	7.1	1569	1G	PG	21.0	66.7	29.3
1512	4G	(SS)	8.6	18.9	8.1	1570	1G	BC	62.4	82.6	5.3
1513	4G	(SS)	9.0	26.5	8.9	1571	1G	BC	32.4	66.5	35.7
1514	4G	(SS)	8.6	24.0	11.6	1572	1G	(SS)	41.5	118.5	49.1
1515	4G	(SS)	9.6	33.1	10.7	1573	1G	BC	10.6	524.8	28.7
1516	4G	(SS)	7.8	31.7	8.7	1574	1G	BC	36.2	546.0	41.6
1517	4G	HE	12.0	33.4	11.7	1575	1G	BC	5.5	34.5	1.9
1518	4G	(SS)	6.9	19.8	8.7	1576	1G	BC	9.6	35.4	2.5
1519	4G	(SS)	7.5	14.7	7.8	1577	1G	BC	18.5	400.4	23.4
1520	4G	(SS)	8.6	23.6	12.6	1578	1G	(SS)	9.2	47.8	14.2
1521	4G	(SS)	8.2	24.5	10.3	1579	1G	BC	12.6	247.9	20.0
1522	4G	(SS)	8.7	23.4	10.7	1580	1G	BC	43.6	263.2	62.2
1523	4G	(SS)	10.2	27.0	12.0	1581	2G	BC	10.5	22.9	18.4
1524	4G	(SS)	8.3	20.6	10.1	1582	2G	(SS)	11.0	49.8	17.1
1525	4F	(SS)	8.6	18.6	9.2	1583	2G	MI	3.1	5.2	3.2
1526	4G	(SS)	13.4	11	6.8	1584	2G	MI	19.2	81.1	22.0
1527	5F	PU	18.2	90.6	24.9	1585	2G	(SS)	20.9	82.0	20.9
1528	5F	PU	37.2	36.9	19.7	1586	2G	BC	23.5	120.7	28.5
1529	5F	PU	14.0	11.5	14.7	1587	2G	(SS)	15.0	63.8	24.0
1530	4G	PU	6.9	94.5	11.9	1588	2G	BC	26.4	71.9	25.6
1531	5G	(SS)	1.7	7.4	2.1	1589	2G	(SS)	13.5	33.3	20.3
1532	5G	(SS)	9.3	31.5	12.2	1590	2G	MI	4.6	10.8	6.2
1533	5G	(SS)	9.0	26.3	12.1	1591	2G	MI	12.3	47.5	23.7
1534	5G	(SS)	9.1	17.7	6.6	1592	2G	MI	6.8	32.8	12.1
1535	5G	(SS)	9.5	33.6	12.5	1593	2G	MI	30.2	74.3	31.6
1536	5G	MI	5.3	13.1	6.7	1594	2G	MI	40.8	95.3	39.0
1537	5G	(SS)	3.8	12.7	3.3	1595	2G	(SS)	6.4	71.1	8.6
1538	5G	(SS)	7.7	21.1	7.3	1596	2G	BC	20.8	58.4	21.8
1539	5G	(SS)	8.4	31.8	10.4	1597	2G	PG	19.5	63.0	21.2
1540	5G	(SS)	9.1	29.7	10.1	1598	2G	PG	20.5	68.9	23.3
1541	5G	(SS)	8.8	21.6	11.0	1599	1G	PG	28.7	106.2	31.3
1542	5G	HE	11.4	35.6	10.3	1600	1G	(SS)	6.0	50.2	8.7
1543	5G	(SS)	9.1	28.8	12.5	1601	1G	(SS)	19.0	60.9	18.3
1544	5G	(SS)	3.7	16.1	2.7	1602	1G	PG	22.3	106.4	6.2
1545	5G	(SS)	6.3	17.0	6.4	1603	1G	(SS)	6.1	126.5	4.3
1546	5G	(SS)	6.1	19.0	6.0	1604	1G	MI	7.3	57.9	3.0
1547	5G	(SS)	7.0	0.6	1.2	1605	1G	(SS)	5.6	25.6	2.7
1548	5G	(SS)	9.9	39.8	10.0	1606	1G	(SS)	23.6	29.2	28.0
1549	5G	(SS)	9.2	26.5	10.5	1607	1G	(SS)	7.3	21.7	7.9
1550	5G	(SS)	10.6	42.5	11.2	1608	1G	(SS)	7.8	44.9	13.7
1551	6G	(SS)	6.4	9.8	8.3	1609	1G	MI	42.5	85.9	69.6
1552	6G	(SS)	10.9	3.1	10.4	1610	1G	MI	24.9	152.8	18.8
1553	4F	PU	10.6	118.3	18.3	1611	1G	(SS)	22.2	12.0	11.6
1554	4F	PU	9.7	110.4	30.2	1612	1G	(SS)	11.3	53.7	20.4
1555	4F	(SS)	6.5	41.9	6.0	1613	1G	(SS)	9.6	28.4	18.3
1556	5F	(SS)	11.1	16.3	11.5	1614	1G	(SS)	7.5	50.9	8.0
1557	2G	(SS)	14.8	45.2	19.4	1615	1G	PG	6.7	228.5	5.3
1558	2G	PU	32.0	142.4	37.2	1616	1G	(SS)	3.1	48.7	2.8
1559	2G	BC	17.5	52.5	23.3	1617	1G	(SS)	5.1	69.9	3.3
1560	2G	BC	16.2	53.2	20.2	1618	1G	PG	24.1	205.3	14.6
1561	2G	BC	13.3	66.3	18.4	1619	1G	(SS)	4.7	42.2	2.8
1562	1G	(SS)	6.3	67.9	5.5	1620	1G	(SS)	4.6	63.5	3.1
1563	1G	(SS)	21.8	122.0	28.5	1621	2G	PG	10.0	151.5	6.2
1564	1G	(SS)	25.9	126.0	26.8	1622	2G	(SS)	17.8	53.6	16.8
1565	1G	(SS)	21.1	52.9	27.5	1623	1G	(SS)	17.2	57.2	16.2
1566	1G	(SS)	27.2	71.7	65.6	1624	2G	(SS)	14.1	50.9	13.9

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
1625	2G	(SS)	13.2	56.7	14.5	1683	10H	(SS)	8.0	14.3	6.1
1626	2G	PG	72.0	42.2	6.4	1684	10H	(SS)	6.9	5.9	7.2
1627	2G	(SS)	16.6	62.9	19.0	1685	10H	(SS)	16.0	19.9	12.9
1628	2G	PG	12.1	74.7	9.3	1686	10H	(SS)	19.9	22.0	12.6
1629	2G	(SS)	18.6	69.2	18.3	1687	10H	(SS)	6.5	3.4	6.4
1630	4F	(SS)	30.1	230.1	18.9	1688	10H	(SS)	23.2	44.3	18.9
1631	4F	(SS)	85.0	96.5	8.2	1689	10G	(SS)	6.8	5.3	5.3
1632	4F	(SS)	17.2	41.4	8.4	1690	10G	(SS)	24.7	19.0	11.5
1633	4F	PG	15.0	46.3	3.7	1691	10G	(SS)	20.2	27.6	14.7
1634	4F	(SS)	20.6	52.9	8.0	1692	10G	(SS)	21.3	20.7	13.9
1635	4F	PG	22.3	62.5	10.6	1693	11H	(SS)	8.2	13.3	7.6
1636	4F	PG	34.5	48.8	14.2	1694	11H	(SS)	11.1	16.3	9.5
1637	4F	PG	49.9	151.7	5.5	1695	11H	(SS)	17.4	28.5	14.1
1638	4F	PU	33.5	22.2	6.3	1696	11H	(SS)	19.3	26.0	15.1
1639	4F	PU	20.1	151.5	9.1	1697	11H	(SS)	9.0	19.0	9.2
1640	4F	PU	37.7	895.9	107.7	1698	11H	(SS)	7.5	16.5	8.6
1641	4F	PU	21.6	610.9	65.5	1699	11H	(SS)	8.7	18.2	8.6
1642	4F	PU	26.0	179.2	57.3	1700	11H	(SS)	6.7	16.0	6.6
1643	4F	(SS)	8.1	48.9	17.2	1701	11H	(SS)	7.7	16.3	7.7
1644	5F	(SS)	12.0	27.6	15.8	1702	11H	(SS)	7.2	11.9	7.2
1645	5F	(SS)	12.8	26.9	15.3	1703	11H	(SS)	8.6	17.6	8.1
1646	5F	(SS)	12.2	29.2	13.8	1704	11H	(SS)	7.1	18.1	8.8
1647	5G	PU	13.5	55.7	11.9	1705	11H	(SS)	8.3	19.8	8.9
1648	5G	(SS)	9.7	22.2	12.3	1706	11H	(SS)	8.4	22.6	9.7
1649	5G	(SS)	14.9	36.4	16.6	1707	11H	(SS)	7.1	16.8	7.7
1650	5G	(SS)	12.4	28.1	13.4	1708	11H	(SS)	13.5	46.4	11.8
1651	5G	PU	9.4	29.6	9.7	1709	11H	(SS)	8.4	14.3	7.4
1652	5G	PU	9.8	36.0	10.7	1710	11H	(SS)	9.6	23.3	11.5
1653	5G	(SS)	13.3	25.2	15.9	1711	11H	(SS)	7.4	16.6	10.4
1654	5G	(SS)	12.9	17.8	9.5	1712	11H	(SS)	5.4	8.8	4.9
1655	5G	(SS)	8.8	12.4	10.6	1713	11H	(SS)	7.7	15.2	7.3
1656	5G	(SS)	7.2	11.4	9.3	1714	11H	(SS)	10.2	24.9	8.9
1657	5G	(SS)	10.2	43.4	13.4	1715	10H	(SS)	7.1	16.8	8.4
1658	5G	(SS)	10.9	16.4	9.9	1716	10H	(SS)	4.9	9.9	5.7
1659	11H	(SS)	22.8	38.9	16.0	1717	10H	(SS)	12.1	25.7	10.0
1660	11H	(SS)	18.9	30.7	14.0	1718	10H	(SS)	5.1	10.3	4.5
1661	11H	(SS)	20.6	25.3	13.0	1719	10H	(SS)	4.8	16.1	7.5
1662	11H	(SS)	23.7	38.8	17.7	1720	10I	(SS)	7.7	15.0	8.8
1663	11H	(SS)	14.7	22.5	11.5	1721	10I	CO	8.2	20.2	8.8
1664	11H	(SS)	21.7	28.3	14.6	1722	10I	(SS)	5.5	22.2	6.6
1665	11H	(SS)	11.5	20.9	11.6	1723	10I	CO	4.6	21.1	8.6
1666	11H	(SS)	7.7	8.3	7.6	1724	10I	(SS)	8.9	20.8	9.3
1667	11H	(SS)	11.4	17.3	10.3	1725	10I	CO	7.0	17.3	7.9
1668	11H	(SS)	12.9	31.9	14.4	1726	10I	(SS)	4.6	15.6	4.0
1669	11H	(SS)	13.2	17.0	10.7	1727	10I	(SS)	7.0	18.9	6.7
1670	11H	(SS)	17.8	49.3	18.9	1728	10I	(SS)	9.3	21.1	8.8
1671	11H	(SS)	15.2	19.6	12.3	1729	10I	CO	9.6	23.4	9.1
1672	11H	(SS)	16.0	27.9	14.0	1730	10I	CO	8.1	15.0	6.8
1673	11H	(SS)	13.5	17.1	10.3	1731	10I	(SS)	9.9	19.5	9.1
1674	11H	(SS)	27.6	18.5	10.1	1732	10I	(SS)	11.1	29.6	12.9
1675	10H	(SS)	8.7	6.4	5.4	1733	10I	CO	8.7	20.1	7.5
1676	10H	(SS)	15.3	17.8	10.8	1734	10I	(SS)	11.2	23.2	9.7
1677	10H	(SS)	7.0	7.8	7.4	1735	10I	(SS)	6.5	20.3	8.2
1678	10H	(SS)	9.0	8.0	7.4	1736	10I	(SS)	14.9	53.4	12.1
1679	10H	(SS)	13.3	20.6	12.3	1737	10I	CO	9.9	21.5	8.6
1680	10H	(SS)	11.6	17.6	10.5	1738	10I	(SS)	6.4	6.7	5.2
1681	10H	(SS)	18.7	39.3	14.4	1739	10I	(SS)	6.2	13.1	6.8
1682	10H	(SS)	14.2	14.2	10.4	1740	10I	(SS)	12.2	25.6	11.0

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
1741	11R	(SS)	30.8	68.2	13.3	1799	5D	BC	12.3	46.3	14.8
1742	11R	(SS)	13.8	22.1	10.2	1800	4D	(SS)	3.1	2.8	4.8
1743	11R	(SS)	6.3	11.1	6.6	1801	4D	PG	5.3	12.9	5.2
1744	11R	(SS)	7.1	11.8	5.8	1802	4D	(SS)	9.3	24.4	11.1
1745	11R	(SS)	11.9	28.5	10.0	1803	4D	PC	13.2	41.3	3.9
1746	11R	(SS)	16.6	27.6	13.2	1804	4D	(SS)	5.9	19.7	7.5
1747	11R	(SS)	10.5	20.7	10.0	1805	4D	(SS)	4.9	18.4	3.4
1748	11R	(SS)	14.7	22.0	11.1	1806	4D	(SS)	3.6	13.3	3.0
1749	11R	(SS)	18.7	27.4	12.2	1807	5D	(SS)	11.3	26.4	12.1
1750	11R	(SS)	9.1	13.6	7.2	1808	5D	(SS)	23.6	95.0	14.3
1751	12R	(SS)	9.8	26.8	14.0	1809	5D	(SS)	19.9	104.4	15.1
1752	12R	(SS)	11.9	40.1	12.3	1810	5D	(SS)	22.2	113.9	14.8
1753	12R	(SS)	10.1	21.3	9.2	1811	5D	(SS)	20.5	110.8	15.1
1754	12R	(SS)	15.1	26.4	13.2	1812	5D	(SS)	26.5	115.5	15.1
1755	12R	(SS)	11.0	25.6	10.5	1813	5D	(SS)	16.7	124.0	18.6
1756	12R	(SS)	10.1	34.0	8.3	1814	5C	(SS)	16.0	120.9	18.5
1757	12R	(SS)	13.6	22.0	12.6	1815	4E	(SS)	6.3	20.4	4.4
1758	12R	CO	16.1	34.4	17.2	1816	4E	(SS)	7.6	12.4	6.0
1759	12R	(SS)	5.0	4.8	3.7	1817	4E	(SS)	6.0	6.6	3.6
1760	12R	(SS)	11.5	18.5	10.7	1818	4E	(SS)	43.7	15.5	81.0
1761	12R	CO	11.6	21.9	11.9	1819	5E	(SS)	11.0	14.6	41.8
1762	12R	(SS)	13.6	21.7	11.3	1820	5E	(SS)	6.0	3.1	11.3
1763	12R	(SS)	6.3	8.1	5.4	1821	4E	(SS)	2.9	1.7	5.2
1764	12R	(SS)	9.5	12.8	7.1	1822	5E	(SS)	6.9	0.3	4.2
1765	13R	(SS)	13.9	17.7	11.2	1823	5E	(SS)	9.4	5.3	6.3
1766	12R	(SS)	10.5	14.7	10.9	1824	5F	(SS)	28.6	42.4	25.4
1767	12R	(SS)	11.2	18.3	10.9	1825	5F	(SS)	37.6	60.8	63.5
1768	12R	(SS)	10.8	28.4	9.9	1826	5F	(SS)	26.1	80.4	101.0
1769	12R	(SS)	11.5	17.7	11.2	1827	5F	(SS)	15.8	146.9	15.2
1770	12R	(SS)	9.7	19.2	9.9	1828	5F	(SS)	22.0	114.2	18.2
1771	12R	(SS)	12.3	16.4	10.9	1829	6F	(SS)	18.5	36.9	8.2
1772	11R	(SS)	12.6	23.5	13.1	1830	6F	(SS)	10.8	247.6	15.5
1773	12R	(SS)	10.5	20.7	11.7	1831	6F	CG	25.0	28.0	11.3
1774	12R	(SS)	10.6	25.3	11.5	1832	6F	PU	38.2	16.7	9.9
1775	12R	(SS)	9.3	16.8	11.1	1833	6F	PU	37.9	36.9	28.2
1776	12R	(SS)	12.6	26.6	12.6	1834	6F	PU	7.1	40.5	22.6
1777	12R	(SS)	11.0	20.6	11.6	1835	6F	PU	17.1	179.0	16.6
1778	11R	(SS)	7.3	24.6	6.3	1836	6F	PU	7.6	15.7	15.8
1779	11R	(SS)	11.2	16.7	11.6	1837	6F	TR	14.2	30.6	9.8
1780	11R	(SS)	10.1	20.8	9.7	1838	6E	TR	2.0	1.8	1.7
1781	11R	(SS)	13.9	22.5	14.0	1839	6E	TR	1.7	1.2	1.7
1782	11R	(SS)	9.9	21.3	11.5	1840	6E	TR	4.6	10.3	2.0
1783	11R	(SS)	8.7	16.6	9.5	1841	6E	TR	9.0	37.8	1.4
1784	11R	(SS)	12.9	24.9	13.0	1842	6E	TR	3.6	32.0	17.4
1785	11R	(SS)	8.9	16.5	10.1	1843	6E	TR	3.1	2.7	1.5
1786	11R	(SS)	6.8	22.0	7.4	1844	6E	(SS)	2.5	16.3	1.8
1787	11R	(SS)	10.7	20.5	11.1	1845	6E	TR	2.8	15.7	1.5
1788	11R	(SS)	7.8	11.9	7.7	1846	7E	TR	14.6	30.9	6.3
1789	11R	(SS)	12.2	20.9	12.7	1847	7E	TR	3.9	21.4	3.6
1790	11R	(SS)	9.7	15.0	9.8	1848	7E	TR	4.5	92.1	4.8
1791	11R	(SS)	11.0	20.7	11.1	1849	7E	(SS)	3.8	29.2	2.3
1792	11R	(SS)	8.2	10.0	7.9	1850	7E	TR	3.7	14.7	2.1
1793	11R	(SS)	7.9	13.7	7.4	1851	7E	TR	7.4	51.5	4.4
1794	11R	(SS)	9.8	17.0	9.4	1852	7E	TR	4.2	13.7	2.9
1795	11R	(SS)	9.8	15.3	10.0	1853	7E	TR	2.2	tr	1.9
1796	5D	(SS)	12.8	51.7	12.1	1854	7E	TR	4.4	31.0	3.4
1797	6D	(SS)	8.7	29.4	8.1	1855	7E	TR	2.6	14.9	2.0
1798	4D	BC	9.7	31.8	11.8	1856	7E	TR	2.4	29.8	1.7

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
1857	6E	TR	3.2	39.7	1.9	1913	7D	PG	23.8	36.2	14.8
1858	7E	TR	3.5	60.5	3.7	1916	7D	(SS)	6.7	10.7	2.2
1859	7E	PC	7.0	74.5	4.2	1917	6D	(SS)	8.9	34.1	6.5
1860	7E	(SS)	9.2	17.9	6.2	1918	6C	(SS)	26.1	40.8	8.4
1861	7E	PG	41.9	98.1	1.5	1919	6C	(SS)	8.4	37.9	6.1
1862	7E	(SS)	7.0	45.9	2.4	1920	6C	(SS)	8.8	39.0	7.2
1863	7E	PC	6.7	18.3	1.1	1921	7C	(SS)	46.1	89.1	9.6
1864	7E	PG	2.2	18.2	1.5	1922	7D	(SS)	21.6	38.0	9.4
1865	7E	PG	5.6	30.2	2.8	1923	7D	(SS)	13.4	33.3	6.2
1866	7E	PG	3.5	33.2	1.5	1924	7D	(SS)	18.5	34.7	8.0
1867	7E	PG	2.8	24.7	1.4	1925	7D	(SS)	23.0	27.2	7.1
1868	7E	PG	20.1	44.6	2.3	1926	7D	(SS)	43.1	24.4	11.6
1869	7E	PG	12.7	60.0	3.2	1927	7D	(SS)	37.8	17.4	9.0
1870	7E	PG	8.4	68.3	2.1	1928	7D	(SS)	36.0	17.7	8.4
1871	7E	PG	3.4	11.6	1.7	1929	7D	(SS)	37.3	23.5	12.8
1872	7E	PG	7.1	50.5	4.3	1930	7D	(SS)	30.3	13.3	6.4
1873	7E	PG	13.4	65.0	18.3	1931	7D	(SS)	36.8	29.3	13.4
1874	7E	(SS)	2.3	11.7	1.2	1932	7D	(SS)	38.1	29.7	9.8
1875	7E	PG	2.8	12.3	1.3	1933	7D	(SS)	34.4	20.5	11.2
1876	7E	PG	3.1	15.5	0.8	1934	7D	(SS)	31.9	25.8	21.6
1877	7E	(SS)	4.0	28.2	2.8	1935	7D	(SS)	25.0	20.7	8.4
1878	7E	PG	15.4	68.5	2.0	1936	7D	(SS)	7.1	8.6	3.8
1879	7E	PG	13.7	68.5	2.2	1937	7C	(SS)	9.6	17.4	5.6
1880	7E	PG	9.2	76.2	2.7	1938	7C	(SS)	9.8	10.7	6.1
1881	7E	PG	7.4	40.8	2.7	1939	7C	(SS)	12.2	31.4	7.6
1882	7E	(SS)	19.3	20.1	8.5	1940	6D	(SS)	1.9	3.2	1.7
1883	7D	PG	12.5	118.9	3.1	1941	6D	PG	2.8	21.3	2.8
1884	7D	(SS)	17.9	33.4	11.1	1942	6D	(SS)	2.5	8.2	2.9
1885	7D	PG	10.5	32.3	5.0	1943	6D	(SS)	2.6	1.7	1.6
1886	7D	PG	35.7	67.5	15.7	1944	6D	(SS)	4.9	9.8	4.9
1887	7D	(SS)	11.2	16.4	7.1	1945	6D	PG	2.8	26.5	4.4
1888	7D	(SS)	22.5	21.9	9.4	1946	6D	(SS)	3.2	12.3	5.6
1889	7D	PC	23.0	39.4	9.2	1947	6D	PG	4.9	50.3	6.8
1890	7D	(SS)	37.6	36.6	25.8	1948	6D	(SS)	2.1	7.1	1.6
1891	7D	(SS)	21.5	27.9	79.2	1949	6D	(SS)	3.3	7.6	1.9
1892	7D	PC	534.4	58.5	35.0	1950	6D	(SS)	23.2	18.7	6.1
1893	7D	PG	48.7	29.8	17.6	1951	6D	PC	4.9	24.4	4.9
1894	7D	(SS)	39.1	28.0	27.6	1952	6D	PC	16.7	49.4	2.9
1895	7D	(SS)	17.5	29.2	14.6	1953	6D	PC	29.2	20.3	3.4
1896	7D	PG	56.1	44.2	27.9	1954	6D	(SS)	12.1	22.2	10.9
1897	7D	PG	26.8	42.6	18.1	1955	6D	(SS)	6.3	29.3	6.1
1898	7D	PG	22.5	32.8	13.1	1956	6D	(SS)	21.0	35.6	13.8
1899	7D	(SS)	16.6	18.6	8.8	1957	6D	(SS)	4.0	26.1	4.4
1900	7D	PC	50.0	48.5	11.7	1958	6D	(SS)	6.3	35.6	6.6
1901	7D	PC	11.6	31.6	8.1	1959	6C	(SS)	4.8	33.4	4.3
1902	7D	(SS)	7.9	6.2	4.3	1960	6C	(SS)	3.0	21.1	3.5
1903	7D	(SS)	27.7	40.3	12.4	1961	6C	(SS)	8.2	82.5	6.3
1904	6D	PC	52.7	39.6	37.4	1962	7E	PG	10.6	77.9	3.6
1905	6D	(SS)	26.7	30.1	48.0	1963	7E	PG	5.4	43.8	1.8
1906	6D	(SS)	29.2	31.6	30.2	1964	7E	PG	2.7	21.7	4.1
1907	6D	PC	38.3	48.8	44.6	1965	7E	PG	8.1	69.9	2.3
1908	6D	(SS)	34.4	28.7	38.3	1966	7E	PG	2.4	32.7	2.3
1909	6D	(SS)	22.0	30.8	20.6	1967	7E	PG	5.8	49.6	1.7
1910	6D	(SS)	8.4	25.3	9.2	1968	7E	(SS)	4.5	31.5	1.8
1911	6D	(SS)	7.9	30.0	7.0	1969	7E	(SS)	7.9	35.3	6.4
1912	6D	PC	11.8	32.2	15.8	1970	7E	(SS)	5.3	25.1	6.0
1913	6D	(SS)	10.3	16.1	3.6	1971	7E	TR	3.1	29.7	2.0
1914	7D	(SS)	13.5	20.9	5.5	1972	7E	TR	10.4	40.0	3.1

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
1973	7E	TR	3.6	3.9	2.5	2031	3F	PU	27.0	78.5	25.0
1974	7E	(SS)	4.3	20.4	2.2	2032	3F	(SS)	17.5	61.0	18.0
1975	7E	TR	2.2	1r	1.8	2033	3F	(SS)	25.0	97.5	21.0
1976	7E	TR	5.9	14.5	8.4	2034	3F	(SS)	18.0	54.5	15.0
1977	4H	(SS)	5.9	43.2	7.1	2035	3F	(SS)	13.5	55.5	16.0
1978	4G	PU	14.5	136.8	16.7	2036	2E	(SS)	15.5	28.0	4.0
1979	4G	PU	17.5	48.4	13.3	2037	2E	(SS)	13.5	180.5	11.0
1980	4G	(SS)	12.9	67.7	10.0	2038	2E	(SS)	13.1	147.5	4.5
1981	4G	(SS)	18.3	102.6	16.7	2039	2E	(SS)	18.0	55.5	16.0
1982	4G	(SS)	7.1	78.5	3.0	2040	2E	HO	22.1	75.5	32.5
1983	4G	(SS)	4.4	37.3	3.4	2041	2E	(SS)	12.8	100.1	18.7
1984	4G	(SS)	3.1	44.7	2.3	2042	2E	(SS)	24.0	102.5	18.8
1985	4G	(SS)	2.4	41.2	2.5	2043	2E	(SS)	32.5	73.5	22.5
1986	4G	(SS)	7.1	45.8	3.8	2044	2E	(SS)	15.6	55.5	27.9
1987	4G	(SS)	10.4	68.4	7.1	2045	2E	(SS)	18.9	63.0	17.5
1988	6G	CH	15.6	27.3	22.2	2046	2E	(SS)	27.4	85.0	16.8
1989	6G	(SS)	11.3	68.9	9.8	2047	2E	PU	10.2	52.0	15.0
1990	6G	OR	4.0	8.7	8.3	2048	2E	PG	12.1	28.0	7.0
1991	6G	(SS)	10.0	6.1	9.8	2049	2E	PG	22.8	445.0	13.5
1992	6G	CH	15.1	19.5	27.4	2050	2E	BC	38.0	48.0	26.8
1993	6G	OR	7.2	12.9	9.3	2051	2E	BC	62.6	71.2	28.9
1994	6G	(SS)	12.3	65.3	10.4	2052	2E	BC	12.5	217.5	33.0
1995	6G	SA	8.6	10.7	12.1	2053	2E	BC	21.7	76.0	30.5
1996	6G	(SS)	9.5	22.7	14.5	2054	2E	BC	25.4	39.0	19.5
1997	5G	OR	3.4	6.1	8.1	2055	2E	BC	44.4	340.0	36.8
1998	5G	(SS)	2.4	0.6	1.9	2056	2E	BC	4.9	175.2	37.7
1999	5G	PG	3.5	4.6	3.3	2057	2D	AM	61.3	3,076.0	25.3
2000	5G	(SS)	7.9	28.9	5.4	2058	2D	AM	18.3	307.8	12.7
2001	5G	(SS)	3.6	8.5	3.1	2059	2D	TA	17.7	119.5	16.0
2002	5G	PG	3.4	8.5	2.5	2060	2D	(SS)	24.5	185.5	17.9
2003	5G	(SS)	2.9	15.4	2.5	2061	2D	TA	27.4	26.0	24.5
2004	5G	(SS)	6.7	22.9	5.3	2062	2D	TA	27.3	136.3	20.6
2005	5G	PG	2.3	5.6	8.5	2063	2D	TA	33.2	153.3	21.7
2006	5G	(SS)	8.7	27.3	10.2	2064	2D	TA	43.0	441.0	36.3
2007	5G	PG	2.4	8.7	1.4	2065	2D	PU	21.8	324.1	18.9
2008	4G	(SS)	22.0	81.0	15.2	2066	2D	BC	55.5	110.4	37.7
2009	3F	QU	31.5	77.0	27.0	2067	2D	BC	66.6	133.5	45.7
2010	3F	(SS)	24.0	131.5	22.5	2068	2D	BC	28.7	1,175.0	19.0
2011	3F	(SS)	29.0	94.0	15.0	2069	2D	BC	29.9	79.0	22.7
2012	3F	PU	35.0	73.5	17.0	2070	2D	TA	14.4	139.2	14.9
2013	3F	PU	47.5	207.0	25.0	2071	2D	TA	24.1	1,217.0	65.5
2014	3F	(SS)	25.5	94.0	19.0	2072	2D	TA	15.7	126.9	37.9
2015	3F	PU	17.5	254.0	34.0	2073	1D	TA	35.5	73.0	40.5
2016	3F	(SS)	30.0	59.0	12.0	2074	1D	TA	22.1	64.0	16.5
2017	3F	(SS)	14.3	131.5	11.3	2075	1D	TA	33.8	24.5	31.0
2018	3F	PG	58.5	159.0	38.0	2076	1D	TA	30.6	50.5	11.5
2019	3F	(SS)	29.0	60.0	26.0	2077	1D	TA	18.4	50.5	14.0
2020	3F	BC	79.0	188.5	54.0	2078	1D	TA	30.5	23.5	52.0
2021	3E	BC	50.5	66.5	47.0	2079	1D	TA	17.2	25.0	15.5
2022	3E	BC	46.5	58.5	68.0	2080	1D	TA	34.9	486.0	31.5
2023	3E	(SS)	31.5	56.5	35.0	2081	1D	TA	21.2	68.5	26.0
2024	3E	BC	71.5	116.0	103.0	2082	1D	TA	29.7	543.0	39.5
2025	3E	BC	345.5	116.0	111.0	2083	1D	TA	42.8	274.0	52.5
2026	3E	BC	88.5	108.5	105.0	2084	1D	TA	39.5	762.0	39.5
2027	3E	(SS)	47.0	60.0	48.0	2085	1D	MI	11.1	76.5	26.0
2028	2E	PG	29.5	149.5	65.0	2086	1D	MI	13.6	63.0	25.0
2029	2E	(SS)	26.5	169.0	18.0	2087	1D	MI	18.6	201.0	31.0
2030	2E	(SS)	33.5	228.5	22.0	2088	1D	MI	10.8	253.5	21.0

Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
2089	1D	MI	14.8	70.0	20.0	2141	2D	(SS)	16.6	51.8	12.4
2090	1D	MI	8.8	23.0	16.0	2148	2D	(SS)	16.7	64.0	13.3
2091	1C	MI	10.2	143.5	20.5	2149	2D	(SS)	17.2	47.7	13.9
2092	1C	(SS)	30.1	1,430.0	20.9	2150	2D	(SS)	16.9	58.3	15.2
2093	1D	TA	20.2	33.5	11.0	2151	2D	(SS)	21.9	60.3	15.9
2094	1D	TA	17.0	50.5	28.0	2152	2D	(SS)	20.0	37.4	16.2
2095	1D	TA	36.8	99.0	45.8	2153	2D	(SS)	17.9	64.4	13.3
2096	1D	TA	21.0	111.0	20.0	2154	2D	(SS)	18.4	37.3	13.9
2097	1D	TA	12.3	106.0	18.3	2155	2D	(SS)	19.8	683.5	13.9
2098	1D	TA	28.6	32.5	47.0	2156	2D	(SS)	21.5	70.0	15.9
2099	1D	TA	3.7	54.3	42.0	2157	2D	(SS)	18.1	40.9	15.0
2100	1D	TA	18.6	136.5	36.0	2158	2D	(SS)	16.3	45.0	14.1
2101	1D	MI	17.8	76.5	49.5	2159	2D	(SS)	16.3	50.8	13.4
2102	1D	MI	29.3	68.5	22.5	2160	2D	(SS)	14.8	40.8	11.8
2103	1D	MI	13.3	60.3	18.3	2161	2D	(SS)	16.8	68.0	12.9
2104	1D	PU	17.6	116.5	27.0	2162	2C	(SS)	17.0	59.3	13.7
2105	1D	(SS)	19.0	133.0	20.8	2163	2D	(SS)	8.4	103.3	6.2
2106	1D	PU	9.2	986.0	15.0	2164	2E	(SS)	17.8	41.0	27.7
2107	1D	PU	23.2	1,305.0	36.0	2165	2E	PG	18.5	28.4	18.2
2108	1D	PU	13.0	89.5	20.8	2166	2E	BC	13.0	50.5	24.4
2109	1D	PU	23.8	106.5	26.4	2167	2E	PU	22.2	19.9	24.0
2110	1D	PU	21.2	108.5	26.5	2168	2E	PU	13.4	24.0	26.5
2111	1D	PU	19.2	132.2	38.9	2169	2E	PU	34.9	55.8	36.8
2112	1D	PU	28.4	98.0	25.0	2170	2E	BC	28.8	58.3	27.9
2113	1D	PU	30.4	160.5	33.8	2171	2E	BC	14.4	29.7	37.3
2114	1D	PU	21.8	166.0	34.5	2172	2E	BC	21.2	116.3	26.8
2115	1D	PU	19.8	278.5	35.8	2173	1E	PU	18.1	147.0	18.9
2116	1D	PU	13.4	127.0	23.8	2174	1E	(SS)	8.1	39.5	9.4
2117	1D	(SS)	8.8	44.5	12.5	2175	1E	(SS)	8.0	39.0	9.9
2118	1D	(SS)	22.4	144.0	21.0	2176	1E	(SS)	8.4	39.3	9.9
2119	2D	TA	15.5	101.5	15.9	2177	1E	(SS)	10.1	45.3	13.9
2120	2D	BC	6.8	13.0	3.7	2178	1E	MI	15.6	137.8	17.9
2121	2D	BC	19.4	49.0	18.6	2179	1E	MI	15.6	213.0	27.0
2122	2D	BC	19.2	81.0	16.7	2180	1E	MI	3.7	10.8	3.3
2123	2D	TA	19.3	43.8	14.3	2181	1E	(SS)	7.8	36.3	8.7
2124	2D	(SS)	11.9	107.5	10.7	2182	1E	(SS)	7.0	42.0	7.8
2125	2D	(SS)	10.5	123.5	10.2	2183	1E	(SS)	6.0	35.8	7.4
2126	2D	(SS)	10.5	139.0	10.5	2184	1E	PU	5.7	15.5	6.9
2127	2D	(SS)	12.7	167.5	10.1	2185	1E	(SS)	8.7	57.8	8.4
2128	2D	(SS)	13.7	179.5	9.7	2186	2E	(SS)	17.6	26.9	10.4
2129	2D	(SS)	10.6	178.0	9.7	2187	2E	(SS)	28.9	69.7	17.6
2130	2D	(SS)	10.8	215.3	9.4	2188	2E	(SS)	31.4	73.6	17.9
2131	2D	(SS)	12.1	243.5	10.3	2189	2E	(SS)	15.6	32.7	31.4
2132	2D	(SS)	11.2	226.0	10.3	2190	1E	(SS)	33.7	69.2	15.4
2133	2D	(SS)	12.5	285.0	10.9	2191	1E	(SS)	30.9	76.5	14.4
2134	2D	(SS)	18.7	68.3	14.9	2192	1E	(SS)	10.2	12.8	9.4
2135	2D	(SS)	18.6	51.8	14.7	2193	1E	(SS)	30.6	65.7	16.1
2136	2D	(SS)	17.3	55.3	14.8	2194	1E	(SS)	8.3	47.8	6.2
2137	2D	(SS)	19.0	64.3	15.2	2195	1E	(SS)	48.2	81.9	17.8
2138	2D	(SS)	17.5	61.0	14.7	2196	1E	(SS)	4.6	16.8	5.5
2139	2D	(SS)	17.6	56.4	14.6	2197	1E	(SS)	38.6	66.6	17.0
2140	2D	(SS)	17.4	69.8	14.5	2198	1E	(SS)	40.1	77.4	19.8
2141	2D	(SS)	17.2	60.8	13.7	2199	1E	(SS)	35.8	99.8	16.8
2142	2D	(SS)	17.9	72.5	14.4	2200	1E	(SS)	6.1	17.8	9.8
2143	2D	(SS)	17.1	63.5	13.9	2201	1E	(SS)	38.1	15.2	16.8
2144	2D	(SS)	18.5	67.8	14.7	2202	1E	(SS)	36.4	71.4	17.1
2145	2D	(SS)	16.6	58.0	14.8	2203	1E	(SS)	48.8	60.7	17.3
2146	2D	(SS)	17.4	58.3	14.2	2204	1E	(SS)	67.3	74.0	20.3

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
2205	1E	(SS)	34.9	64.3	19.8	2263	2D	TA	9.1	24.9	4.6
2206	1E	(SS)	13.4	66.3	14.1	2264	2D	(SS)	14.2	93.8	9.7
2207	1E	(SS)	17.2	24.6	10.7	2265	2D	TA	21.3	64.3	13.8
2208	1E	(SS)	11.2	26.4	15.4	2266	2D	TA	31.6	25.3	9.2
2209	1D	EX	24.5	79.8	28.2	2267	2D	TA	7.3	23.0	5.3
2210	1D	EX	26.0	67.9	49.4	2268	2D	TA	13.3	34.9	5.1
2211	1D	EX	14.4	36.0	12.4	2269	2D	AM	30.3	19.3	7.0
2212	1D	(SS)	25.8	34.5	24.5	2270	2D	(SS)	4.4	11.7	2.7
2213	1D	TA	19.0	19.5	16.7	2271	2D	AM	43.1	66.3	58.3
2214	1D	TA	26.1	74.3	25.8	2272	2D	AM	9.8	17.4	7.4
2215	1D	TA	61.2	48.0	39.5	2273	2D	BC	26.9	34.0	28.5
2216	1D	(SS)	17.7	28.4	21.8	2274	2D	(SS)	13.4	26.0	9.5
2217	1D	TA	51.9	30.0	35.1	2275	2D	BC	68.4	90.4	50.0
2218	1D	(SS)	29.1	30.3	21.9	2276	5F	PU	13.8	87.9	9.8
2219	1D	TA	37.6	60.3	35.4	2277	5F	PU	17.4	128.8	14.9
2220	1D	(SS)	14.5	14.0	11.5	2278	5F	PU	4.8	86.3	13.4
2221	1D	(SS)	14.1	15.6	12.8	2279	5F	PU	7.2	75.8	24.3
2222	1D	(SS)	18.9	52.2	20.2	2280	5F	PU	13.7	84.3	27.3
2223	1D	TA	19.2	13.4	9.4	2281	5F	PU	20.4	673.8	69.2
2224	1D	TA	7.8	15.6	4.9	2282	5F	PU	29.3	175.9	70.7
2225	1D	(SS)	4.2	14.8	4.4	2283	5F	PU	28.8	361.1	91.4
2226	1D	(SS)	3.7	11.1	3.8	2284	5F	PU	11.9	208.3	43.6
2227	1D	(SS)	5.5	14.0	6.9	2285	5F	PU	28.7	1,317.6	75.4
2228	1D	(SS)	6.6	15.2	7.9	2286	5F	PU	13.8	79.4	26.2
2229	1D	(SS)	9.5	22.8	12.3	2287	5F	(SS)	7.7	35.5	15.8
2230	2E	PG	20.3	24.5	15.1	2288	5F	PU	14.5	117.8	26.9
2231	2E	ND	10.3	17.2	10.5	2289	5F	PU	26.4	253.6	67.8
2232	2E	ND	15.7	21.0	4.6	2290	5F	(SS)	6.2	127.4	16.4
2233	2E	ND	9.5	25.8	9.3	2291	7G	(SS)	15.8	34.6	16.2
2234	2E	PG	19.9	27.5	16.9	2292	7G	CH	5.6	39.2	16.3
2235	2E	PG	4.8	43.7	10.2	2293	7G	CH	15.3	21.8	9.2
2236	2E	PG	47.4	31.7	17.4	2294	7H	(SS)	6.3	18.4	7.7
2237	2E	PG	78.5	25.8	13.4	2295	7H	CH	21.9	69.5	14.5
2238	2E	PG	36.4	51.7	22.2	2296	7H	CH	7.6	35.7	10.0
2239	2E	PG	17.9	86.4	17.6	2297	7H	CH	26.1	31.6	14.1
2240	2E	(SS)	21.5	43.2	26.9	2298	7H	CH	9.6	28.2	11.8
2241	2E	BC	49.0	70.5	46.8	2299	7H	(SS)	11.4	51.1	9.8
2242	2F	(SS)	14.8	47.5	40.6	2300	7H	(SS)	4.7	24.7	4.9
2243	2F	(SS)	7.1	44.7	27.7	2301	7H	CH	14.3	24.1	11.8
2244	2F	(SS)	7.1	29.7	21.1	2302	7H	CH	5.7	27.5	11.5
2245	2F	(SS)	8.1	40.1	25.5	2303	7H	(SS)	3.1	10.1	1.8
2246	2F	BC	47.7	64.9	57.3	2304	7H	(SS)	4.9	25.9	5.3
2247	2F	BC	29.6	52.8	378.8	2305	7H	(SS)	10.9	32.9	10.6
2248	2F	(SS)	39.4	38.0	31.1	2306	7H	(SS)	5.8	16.0	6.9
2249	2F	BC	12.8	30.9	8.1	2307	7H	(SS)	6.8	19.1	7.6
2250	2F	(SS)	7.2	28.6	20.0	2308	7H	CH	9.9	24.0	6.9
2251	2F	BC	22.8	36.2	32.6	2309	7H	(SS)	3.8	7.0	3.1
2252	2F	(SS)	5.8	23.3	16.6	2310	7H	CH	5.8	18.3	2.6
2253	2D	(SS)	13.2	63.7	17.1	2311	7H	CH	6.9	15.4	9.2
2254	2D	(SS)	9.5	45.0	39.0	2312	7H	CH	10.1	23.6	10.1
2255	2D	(SS)	9.0	34.5	11.7	2313	7H	CH	3.8	12.0	1.7
2256	2D	(SS)	9.5	38.9	13.6	2314	7H	CH	6.8	20.5	10.1
2257	2D	(SS)	8.8	38.9	14.9	2315	7H	(SS)	2.8	2.0	2.5
2258	1E	(SS)	8.7	39.3	11.0	2316	7H	CH	8.3	58.7	16.4
2259	1E	(SS)	8.1	38.0	10.5	2317	7H	(SS)	3.2	7.7	2.4
2260	1D	(SS)	4.5	22.2	6.2	2318	7H	(SS)	11.6	18.9	9.8
2261	1D	(SS)	8.1	43.2	10.8	2319	7H	(SS)	9.7	19.7	7.5
2262	2D	TA	36.4	172.5	37.7	2320	7H	CH	13.9	37.7	17.3

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
2321	7H	(SS)	11.2	29.6	11.1	2379	SH	SA	5.8	1.9	7.0
2322	7H	CH	12.6	33.5	12.9	2380	SH	SA	36.2	37.5	53.8
2323	7H	(SS)	8.9	26.0	11.8	2381	SH	SA	18.4	40.9	21.5
2324	7H	CH	10.0	20.4	8.4	2382	SH	SA	6.6	25.9	5.9
2325	7H	CH	11.0	22.3	8.5	2383	SH	SA	12.0	23.9	16.6
2326	7H	(SS)	6.7	18.4	5.8	2384	SH	SA	10.6	15.7	14.4
2327	7H	(SS)	6.5	20.1	9.0	2385	SH	SA	13.1	25.1	20.7
2328	7H	(SS)	8.2	17.8	9.7	2386	SH	SA	10.5	14.4	16.8
2329	7H	CH	12.5	50.7	22.0	2387	SH	SA	11.6	42.5	9.0
2330	7H	(SS)	10.8	30.5	8.9	2388	SH	SA	3.0	3.8	4.0
2331	7H	CH	17.0	37.8	10.4	2389	SH	SA	15.4	14.7	9.0
2332	7H	CH	29.3	44.2	22.4	2390	SH	(SS)	11.8	5.9	7.7
2333	7H	CH	7.2	18.8	5.3	2391	SH	(SS)	8.7	7.1	6.1
2334	7H	CH	5.2	22.5	5.9	2392	SH	SA	6.8	51.5	25.6
2335	7H	CH	11.9	63.8	19.3	2393	SH	SA	7.3	3.3	3.9
2336	7H	CH	4.3	10.2	3.6	2394	SH	SA	5.3	5.2	7.0
2337	7H	CH	9.9	24.9	8.1	2395	SH	(SS)	5.4	10.9	6.6
2338	7H	CH	18.0	68.3	10.6	2396	SH	SA	16.1	72.4	14.5
2339	7H	CH	8.6	29.8	7.9	2397	SH	(SS)	7.7	25.8	14.3
2340	7H	CH	6.3	50.5	7.3	2398	SH	SA	14.3	34.0	30.6
2341	7H	CH	18.1	24.9	7.2	2399	SH	SA	7.1	41.0	6.7
2342	7H	CH	15.5	66.7	18.9	2400	SH	SA	17.2	30.9	24.1
2343	7H	(SS)	14.5	50.9	9.3	2401	SH	(SS)	10.8	36.8	36.8
2344	7H	CH	8.8	35.4	14.1	2402	SH	SA	36.1	12.5	5.9
2345	7H	CH	27.6	74.4	15.3	2403	SH	SA	18.8	30.9	4.6
2346	7H	CH	11.3	64.9	10.9	2404	SH	(SS)	6.3	14.6	6.0
2347	8H	CH	19.0	73.9	22.2	2405	SI	MD	5.4	7.2	2.2
2348	8H	CH	8.2	69.0	8.4	2406	SI	SA	5.4	5.6	2.5
2349	8H	CH	11.4	70.6	23.3	2407	SI	(SS)	4.5	11.0	2.4
2350	8H	(SS)	14.7	25.4	15.9	2408	SI	(SS)	3.0	6.9	1.5
2351	8H	CH	13.3	29.7	10.2	2409	SI	(SS)	7.7	3.6	3.1
2352	8H	(SS)	13.7	94.5	10.1	2410	SI	SA	12.8	15.9	4.0
2353	8H	CH	20.4	36.9	10.8	2411	SI	SA	26.4	8.4	6.1
2354	8H	CH	45.3	80.0	15.7	2412	SI	SA	6.2	19.5	6.4
2355	8H	(SS)	36.5	41.9	11.1	2413	SI	TA	9.3	30.1	6.0
2356	8H	CH	20.2	43.9	14.4	2414	SI	(SS)	9.4	3.4	3.4
2357	8H	(SS)	15.6	30.6	9.9	2415	SI	TA	7.9	25.0	11.7
2358	8H	CH	9.9	45.0	12.8	2416	SI	TA	8.7	37.7	9.4
2359	8H	(SS)	14.0	33.0	11.5	2417	SI	(SS)	3.3	tr	2.9
2360	8H	(SS)	17.3	23.2	10.8	2418	SI	TA	12.5	50.5	14.6
2361	5G	PG	14.9	48.3	11.8	2419	SI	TA	13.2	44.4	9.1
2362	5G	PG	3.2	11.1	6.5	2420	SI	TA	15.0	53.3	12.8
2363	5G	PG	3.9	20.8	3.8	2421	SI	TA	13.8	32.3	17.3
2364	5G	PG	6.6	36.5	6.7	2422	SI	TA	14.7	47.8	60.8
2365	5G	PG	3.2	8.9	2.8	2423	SI	SA	17.4	25.3	27.5
2366	5G	PG	3.0	11.3	4.4	2424	SI	SA	24.5	17.7	25.5
2367	5H	PG	3.5	4.7	2.7	2425	SI	SA	22.2	19.9	32.0
2368	5H	PG	1.9	tr	2.6	2426	SI	SA	20.5	54.8	14.9
2369	5H	SA	1.6	13.8	2.6	2427	6I	SA	21.8	63.7	23.7
2370	5H	SA	4.8	tr	10.7	2428	6I	SA	11.4	15.2	10.2
2371	5H	SA	8.9	58.8	47.0	2429	5H	SA	101.6	110.6	67.3
2372	5H	SA	21.9	91.0	24.6	2430	5H	SA	21.7	86.9	54.9
2373	5H	(SS)	3.7	26.4	3.7	2431	5H	SA	11.0	80.9	45.7
2374	5H	(SS)	4.4	15.6	5.3	2432	5H	SA	14.9	90.7	53.3
2375	5H	SA	4.1	15.9	3.5	2433	5H	(SS)	7.2	11.8	11.5
2376	5H	SA	13.1	38.1	22.2	2434	5H	SA	8.4	31.3	18.8
2377	5H	SA	6.3	36.5	10.4	2435	5H	(SS)	9.1	15.2	17.1
2378	5H	SA	6.2	16.5	5.3	2436	5H	SA	7.3	64.5	5.3

Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
2437	SH	(SS)	5.3	7.9	9.5	2495	3D	(SS)	11.4	74.2	19.6
2438	SH	(SS)	3.0	cc	3.2	2496	3D	(SS)	6.4	49.0	13.3
2439	SH	(SS)	7.8	12.7	13.7	2497	3D	BC	43.1	106.8	49.0
2440	SH	(SS)	3.3	7.0	4.2	2498	3D	BC	37.7	95.7	60.6
2441	SH	(SS)	5.4	48.5	9.5	2499	2E	BC	81.8	87.3	8.4
2442	SH	SA	3.6	cc	4.9	2500	2E	BC	131.4	79.8	81.8
2443	SH	(SS)	3.2	19.8	8.7	2501	2E	(SS)	18.8	63.7	26.4
2444	SH	(SS)	5.0	2.7	8.8	2502	2E	BC	48.6	68.4	93.0
2445	SH	SA	5.7	4.8	10.7	2503	2E	(SS)	7.9	55.0	28.0
2446	SH	SA	4.6	5.5	16.5	2504	2E	(SS)	35.4	62.0	56.6
2447	SH	SA	27.2	29.8	58.0	2505	2E	(SS)	40.2	60.3	55.9
2448	SH	SA	3.8	7.2	12.6	2506	2E	BC	71.4	111.4	139.2
2449	SH	SA	5.3	16.7	21.4	2507	2E	(SS)	31.2	66.0	53.9
2450	2E	PG	17.4	48.9	15.4	2508	2E	BC	51.6	87.9	130.8
2451	2E	PG	43.1	81.5	18.2	2509	2E	(SS)	42.1	56.6	53.8
2452	2E	PG	28.8	53.3	15.4	2510	2E	BC	55.0	67.1	63.0
2453	2E	PG	9.4	39.6	17.5	2511	2E	(SS)	76.4	57.7	74.1
2454	3E	PG	33.2	63.1	27.3	2512	2D	BC	11.9	40.5	25.9
2455	3E	PG	19.8	55.1	34.3	2513	2D	BC	167.1	97.9	63.6
2456	3E	PG	24.3	45.6	18.9	2514	2D	BC	296.5	84.9	49.0
2457	3E	PG	24.3	51.3	20.3	2515	2D	BC	31.7	61.5	32.2
2458	3E	PG	28.3	69.4	57.3	2516	2D	BC	48.1	88.3	54.5
2459	3E	PG	21.3	114.4	23.1	2517	3D	(SS)	8.9	29.2	18.9
2460	2D	(SS)	61.0	61.7	19.6	2518	3D	(SS)	7.9	27.6	14.7
2461	2D	(SS)	20.3	50.0	33.8	2519	2D	BC	38.2	120.5	37.8
2462	2E	(SS)	16.4	63.1	27.3	2520	2D	BC	59.5	78.3	57.3
2463	2E	PG	7.9	22.9	10.5	2521	3D	BC	29.8	66.4	39.2
2464	2D	(SS)	10.9	37.5	19.6	2522	3D	BC	23.3	63.1	35.0
2465	2D	(SS)	22.3	54.0	23.8	2523	3D	(SS)	12.9	41.2	35.0
2466	3D	BC	67.4	115.0	67.8	2524	3D	BC	31.2	65.8	28.7
2467	3D	BC	30.7	59.0	35.0	2525	3D	BC	86.8	93.7	49.0
2468	3D	BC	31.2	71.9	37.8	2526	3D	BC	42.1	56.7	39.2
2469	3D	BC	66.4	81.2	49.0	2527	3D	BC	27.3	51.1	79.0
2470	3D	(SS)	22.8	53.1	26.4	2528	3D	TV	8.4	27.1	7.7
2471	3D	BC	37.7	76.9	39.2	2529	3D	TV	17.9	32.2	16.1
2472	3D	BC	42.6	75.5	54.5	2530	3D	PG	42.6	925.7	53.8
2473	3D	(SS)	16.9	50.7	26.6	2531	3D	PG	10.4	23.8	9.8
2474	3D	BC	35.7	76.5	40.6	2532	3D	TV	24.3	44.7	43.3
2475	3D	(SS)	28.0	56.7	29.4	2533	3D	TV	21.3	24.2	8.4
2476	3D	BC	16.9	52.3	30.1	2534	3D	(SS)	3.5	24.8	8.4
2477	3D	BC	6.4	57.0	23.8	2535	3D	(SS)	3.5	23.8	9.1
2478	3D	BC	28.8	57.5	36.4	2536	3D	PG	18.3	50.4	18.9
2479	3D	BC	59.5	93.4	68.5	2537	3D	PG	49.1	85.5	16.8
2480	3D	(SS)	16.4	47.7	25.2	2538	3D	PG	37.2	48.1	62.2
2481	3D	(SS)	12.4	54.0	19.6	2539	3D	(SS)	5.0	29.3	10.5
2482	3D	BC	15.4	78.3	35.7	2540	3D	PG	40.7	58.1	36.4
2483	3D	(SS)	23.3	782.9	14.0	2541	3D	PG	28.3	54.3	28.0
2484	3D	BC	43.1	103.8	58.7	2542	3D	PG	9.4	70.5	25.2
2485	3D	(SS)	13.4	43.3	21.0	2543	3D	PG	61.5	55.4	31.5
2486	3D	(SS)	13.9	58.8	17.5	2544	3D	(SS)	10.4	36.2	25.2
2487	3D	BC	21.3	58.0	25.2	2545	3D	QU	7.9	62.5	17.5
2488	3D	(SS)	12.9	60.5	21.7	2546	3D	(SS)	8.9	44.2	14.7
2489	3D	BC	18.3	47.3	18.2	2547	3D	(SS)	7.9	119.7	14.0
2490	3D	BC	31.2	61.5	37.1	2548	3D	(SS)	6.9	49.9	16.1
2491	3D	(SS)	20.8	53.3	26.6	2549	3D	(SS)	10.9	54.1	16.8
2492	3D	(SS)	52.6	80.1	37.8	2550	3D	PG	4.0	90.3	5.6
2493	3D	BC	20.3	64.4	26.6	2551	3D	(SS)	3.5	43.4	8.4
2494	3D	BC	43.1	88.1	37.8	2552	3D	(SS)	6.4	29.9	13.3

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
2553	3G	(SS)	11.9	34.5	16.1						
2554	3G	(SS)	4.5	29.2	4.9						
2555	3G	NI	19.8	1,162.9	31.5						
2556	2G	PG	21.3	67.9	13.3						
2557	2G	PG	8.9	89.3	7.7						
2558	2G	PG	9.4	59.1	17.5						
2559	2G	PG	9.9	46.9	18.9						
2560	2G	NI	1.5	22.8	4.2						
2561	2G	NI	6.0	37.6	9.8						
2562	2G	NI	20.3	51.6	28.0						
2563	3F	(SS)	10.4	53.8	7.7						
2564	3F	(SS)	6.9	36.5	7.0						
2565	4F	(SS)	3.5	45.7	6.3						
2566	4F	(SS)	6.4	43.3	5.6						
2567	4F	(SS)	25.3	65.7	21.0						
2568	4F	(SS)	26.8	54.7	16.1						
2569	4F	(SS)	49.6	93.4	17.5						
2570	4F	(SS)	47.1	81.3	15.4						
2571	4F	(SS)	10.9	42.0	6.3						
2572	4F	(SS)	3.5	32.3	4.9						
2573	4F	(SS)	4.5	36.6	4.9						
2574	5F	(SS)	15.9	56.1	10.5						
2575	5F	(SS)	14.4	55.1	20.3						
2576	5F	(SS)	10.4	79.1	21.0						
2577	5F	(SS)	10.9	58.1	20.3						
2578	5F	(SS)	9.4	43.3	16.2						
2579	5F	(SS)	10.9	75.2	19.6						
2580	5F	(SS)	3.0	27.8	18.2						
2581	5F	(SS)	10.4	35.6	18.2						
2582	5F	(SS)	13.9	41.5	16.1						
2583	5F	(SS)	9.4	49.9	19.6						
2584	5F	(SS)	18.3	47.6	23.8						
2585	5F	(SS)	35.2	41.2	19.6						
2586	5F	(SS)	12.4	56.3	19.6						
2587	5F	(SS)	2.5	56.4	16.7						
2588	3G	QU	3.0	73.1	7.0						
2589	3G	QU	22.8	120.9	23.1						
2590	3G	QU	27.3	79.1	15.4						
2591	3G	PG	4.0	37.3	8.4						
2592	3G	(SS)	3.5	35.2	9.1						
2593	3G	PG	10.4	57.4	9.8						
2594	3G	(SS)	10.4	82.3	12.6						
2595	3G	(SS)	9.4	86.5	10.5						

Samples of August 1976 Survey

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
2596	19B	PU	43	82	34	265A	13B	PG	11	39	16
2597	19B	PU	36	84	31	2655	13B	PG	23	74	41
2598	19B	PU	16	57	25	2656	13B	PG	26	66	23
2599	19B	PU	23	136	50	2657	13B	PG	35	58	34
2600	19B	PU	28	365	72	2658	13B	PG	28	71	52
2601	19B	PU	11	86	31	2659	13B	PG	34	54	39
2602	19B	QU	7	35	23	2660	13B	PG	22	74	25
2603	19B	QU	8	38	29	2661	13B	PG	26	82	20
2604	19B	QU	8	33	26	2662	13B	PG	27	56	32
2605	19B	QU	12	33	25	2663	13B	PG	21	68	33
2606	19B	QU	9	42	24	2664	13B	PG	23	70	19
2607	19B	QU	6	29	14	2665	14B	PG	34	65	77
2608	19B	QU	4	27	9	2666	14B	PG	21	71	26
2609	19B	QU	2	21	11	2667	14B	PG	20	54	23
2610	19B	QU	6	35	21	2668	14B	MD	22	91	23
2611	19B	TH	10	25	10	2669	14B	MD	136	45	21
2612	19B	QU	9	42	11	2670	14B	MI	3	22	9
2613	19B	TH	32	67	28	2671	14B	MI	6	34	9
2614	19B	TH	23	60	5	2672	14B	PU	35	65	62
2615	19B	TH	13	56	17	2673	14B	MI	10	38	11
2616	19B	TH	17	75	20	2674	14B	MI	40	92	45
2617	19B	TH	7	38	9	2675	14B	MD	8	21	11
2618	19C	QU	20	81	28	2676	14B	MI	31	70	46
2619	19C	TH	28	39	8	2677	14B	MI	3	30	13
2620	19C	TH	39	52	23	2678	14B	MD	26	99	24
2621	19C	CH	6	42	6	2679	14B	MD	40	87	50
2622	19C	CH	8	25	20	2680	14B	MD	15	78	23
2623	19C	CH	26	727	64	2681	14B	(SS)	24	80	29
2624	19C	CH	179	94	106	2682	14B	PG	24	88	34
2625	19C	CH	9	65	8	2683	14B	PG	11	69	38
2626	19C	CH	16	58	18	2684	14B	(SS)	9	56	47
2627	19C	CH	13	52	12	2685	14B	PG	29	73	34
2628	19C	CH	14	60	17	2686	14B	PG	10	46	11
2629	19C	CH	34	73	24	2687	14B	(SS)	9	59	14
2630	19C	CH	7	78	18	2688	14B	PG	20	66	33
2631	19C	CH	14	79	20	2689	14B	(SS)	14	66	18
2632	19C	CH	10	90	36	2690	14B	PG	24	85	34
2633	19C	CH	15	85	25	2691	14B	PG	13	75	31
2634	19C	CH	10	70	34	2692	14B	PG	25	80	46
2635	19C	CH	11	43	13	2693	14B	PG	17	95	25
2636	19C	CH	7	40	13	2694	14B	BC	12	107	61
2637	19C	CH	21	80	35	2695	14B	BC	16	78	40
2638	19B	PU	61	134	121	2696	14B	(SS)	15	70	28
2639	19B	QU	26	77	13	2697	14B	BC	24	56	50
2640	19B	QU	15	38	12	2698	14B	BC	17	64	39
2641	19B	QU	12	35	11	2699	13B	BC	18	37	44
2642	19B	(SS)	5	33	8	2700	13B	BC	20	32	93
2643	19B	(SS)	4	30	7	2701	13B	(SS)	10	54	143
2644	19B	(SS)	28	47	31	2702	13B	(SS)	21	103	28
2645	19B	(SS)	9	42	13	2703	13B	(SS)	101	81	49
2646	19B	(SS)	28	56	26	2704	13B	BC	66	131	91
2647	19B	QU	12	54	14	2705	13B	BC	52	80	43
2648	13B	PG	39	86	16	2706	13B	BC	82	82	50
2649	13B	(SS)	14	55	18	2707	13B	(SS)	23	47	23
2650	13B	PG	13	47	9	2708	13B	(SS)	47	49	23
2651	13B	(SS)	3	43	6	2709	13B	MD	29	60	36
2652	13B	PG	27	51	17	2710	13B	MD	35	53	46
2653	13B	PG	21	50	31	2711	13B	MD	25	64	29

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
2712	13B	BC	26	52	49	2770	18E	QU	1	33	5
2713	13B	BC	201	104	33	2771	18E	(SS)	1	37	9
2714	13B	BC	98	31	42	2772	18E	(SS)	1	15	4
2715	13B	BC	61	70	66	2773	18E	(SS)	0	20	3
2716	13B	(SS)	42	69	31	2774	18E	(SS)	1	26	7
2717	13B	BC	61	65	43	2775	18E	(SS)	0	24	6
2718	13B	BC	47	71	30	2776	17E	(SS)	8	34	13
2719	13A	BC	21	77	22	2777	17E	CH	9	40	14
2720	13A	(SS)	26	56	23	2778	17E	CH	8	45	15
2721	13A	BC	25	78	25	2779	17E	CH	10	35	13
2722	13A	(SS)	17	52	19	2780	17E	CH	8	41	14
2723	14B	HI	2	23	8	2781	17E	(SS)	10	23	5
2724	14B	HI	13	72	25	2782	17E	(SS)	9	45	14
2725	14B	HI	9	57	18	2783	17E	(SS)	8	40	9
2726	14B	HI	12	60	15	2784	17E	(SS)	4	31	10
2727	14B	HI	9	55	20	2785	17E	(SS)	8	40	11
2728	14B	HI	11	55	23	2786	17E	(SS)	9	32	5
2729	14B	HI	11	92	34	2787	17E	(SS)	6	24	1
2730	14B	HI	9	107	14	2788	17E	(SS)	7	35	6
2731	14A	BC	3	28	23	2789	17E	CH	9	54	12
2732	14A	BC	10	38	24	2790	17E	(SS)	23	39	9
2733	14A	BC	20	39	34	2791	17E	(SS)	8	36	9
2734	14A	BC	58	53	40	2792	17E	CH	61	25	8
2735	14B	BC	58	57	43	2793	17E	(SS)	16	58	8
2736	14B	BC	70	88	36	2794	17E	(SS)	11	43	11
2737	14B	BC	39	50	30	2795	17E	(SS)	15	29	9
2738	14B	BC	52	46	40	2796	17E	(SS)	21	101	13
2739	14B	BC	150	82	59	2797	17D	CH	8	258	14
2740	14B	BC	20	54	61	2798	17D	CH	7	61	12
2741	14B	BC	15	35	21	2799	17E	QU	9	47	11
2742	14B	BC	26	55	34	2800	17E	QU	8	46	12
2743	14B	BC	41	108	68	2801	17E	QU	9	48	11
2744	14B	BC	40	81	57	2802	17E	QU	8	40	9
2745	14B	BC	26	42	69	2803	17E	HU	9	44	11
2746	14B	BC	25	102	39	2804	17E	HU	9	48	9
2747	14B	BC	47	64	56	2805	17E	HU	15	42	9
2748	14B	BC	76	115	192	2806	17E	HU	10	37	10
2749	14B	BC	257	83	537	2807	21E	(SS)	13	65	15
2750	14B	BC	24	66	86	2808	20E	QU	7	37	9
2751	14B	MD	12	62	21	2809	20E	QU	12	44	13
2752	14B	MD	6	47	20	2810	20E	(SS)	9	37	9
2753	14B	(SS)	113	97	64	2811	20E	QU	12	47	14
2754	14B	PU	101	102	201	2812	20E	HU	10	41	11
2755	14B	MD	34	94	33	2813	20E	(SS)	13	47	14
2756	14C	MD	7	24	4	2814	14E	(SS)	12	61	21
2757	14C	MD	213	388	107	2815	14E	CH	11	48	7
2758	14C	PU	1,446	447	27	2816	14E	(SS)	10	42	14
2759	14C	PU	318	88	12	2817	14E	CH	8	33	9
2760	14C	PU	124	102	45	2818	14E	CH	15	65	30
2761	14C	HI	200	280	61	2819	14E	CH	31	47	25
2762	14B	PU	282	250	53	2820	14E	CH	6	23	13
2763	19E	QU	2	36	8	2821	14E	(SS)	13	53	35
2764	19E	QU	5	36	5	2822	14E	OR	27	43	22
2765	19E	QU	0	23	3	2823	14E	(SS)	14	53	33
2766	18E	QU	1	25	4	2824	14E	CH	15	78	25
2767	18E	QU	1	25	5	2825	14E	CH	5	33	6
2768	18E	QU	1	22	8	2826	14E	CH	6	37	6
2769	18E	QU	1	29	7	2827	14E	(SS)	6	27	15

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
2828	14E	(SS)	24	53	27	2886	15D	(SS)	12	58	27
2829	14E	CH	27	99	36	2887	15D	(SS)	8	49	35
2830	14E	(SS)	10	38	13	2888	15D	CH	9	52	17
2831	14E	(SS)	12	42	16	2889	15D	(SS)	11	57	23
2832	14E	CH	13	61	20	2890	15D	(SS)	28	56	32
2833	14E	CH	22	74	21	2891	15D	(SS)	8	51	16
2834	14E	CH	19	54	17	2892	15D	CH	8	58	17
2835	14E	(SS)	56	41	27	2893	15D	CH	10	73	24
2836	14E	(SS)	14	52	16	2894	15D	CH	12	58	25
2837	14E	CH	15	33	11	2895	15D	(SS)	8	50	20
2838	14E	CH	3	23	2	2896	14E	(SS)	14	55	57
2839	14E	(SS)	6	40	18	2897	14E	CH	19	90	46
2840	14E	CH	10	50	17	2898	14E	CH	21	91	44
2841	14E	(SS)	13	54	21	2899	14E	(SS)	15	57	19
2842	14E	(SS)	24	48	18	2900	14E	CH	11	65	21
2843	14E	(SS)	8	35	12	2901	14E	(SS)	58	58	41
2844	14E	(SS)	13	44	15	2902	14E	(SS)	8	56	13
2845	14E	CH	5	49	11	2903	14E	(SS)	7	53	16
2846	14E	CH	28	55	29	2904	14E	(SS)	4	40	14
2847	14E	CH	33	57	31	2905	14E	(SS)	5	61	21
2848	14E	CH	34	36	19	2906	14E	CH	9	47	21
2849	14E	(SS)	11	44	14	2907	14E	(SS)	9	58	19
2850	14E	CH	14	33	12	2908	15E	CH	17	86	31
2851	14E	CH	14	46	7	2909	15E	(SS)	9	67	21
2852	14E	CH	28	61	19	2910	15E	CH	10	85	15
2853	14E	CH	9	38	13	2911	15E	CH	7	59	17
2854	14E	(SS)	11	54	18	2912	15E	(SS)	12	64	19
2855	14E	CH	9	40	13	2913	15E	(SS)	14	52	24
2856	15E	CH	19	54	16	2914	15E	CH	11	66	22
2857	15E	CH	18	70	27	2915	15E	CH	20	75	25
2858	15E	CH	22	67	31	2916	15E	CH	5	44	16
2859	15E	CH	28	116	37	2917	15E	OR	34	101	14
2860	15E	CH	18	72	14	2918	15E	(SS)	12	66	15
2861	15E	CH	18	72	36	2919	15E	OR	11	48	11
2862	15E	(SS)	8	52	20	2920	15E	CH	24	36	16
2863	15E	CH	15	64	16	2921	15E	OR	21	89	29
2864	15E	(SS)	10	59	21	2922	15E	OR	20	61	18
2865	15E	CH	25	93	22	2923	15E	OR	19	27	11
2866	15E	CH	19	68	26	2924	15E	(SS)	13	56	22
2867	15D	CH	4	40	7	2925	15E	(SS)	3	21	4
2868	15D	(SS)	7	56	20	2926	15E	(SS)	24	52	24
2869	15D	CH	23	83	33	2927	15E	OR	23	50	23
2870	15D	(SS)	10	57	21	2928	15E	OR	11	50	13
2871	15D	(SS)	7	40	19	2929	15E	(SS)	14	59	22
2872	15D	(SS)	21	80	30	2930	15E	OR	15	57	12
2873	15D	(SS)	13	65	24	2931	15E	(SS)	6	37	13
2874	15D	(SS)	7	57	20	2932	15E	(SS)	14	40	14
2875	15D	CH	17	74	24	2933	15E	QU	14	66	15
2876	15D	CH	17	73	27	2934	15F	QU	8	58	10
2877	15D	(SS)	10	50	19	2935	15F	QU	16	62	19
2878	15D	CH	18	58	28	2936	15F	QU	7	36	13
2879	15D	(SS)	28	64	34	2937	9F	(SS)	99	67	26
2880	15D	(SS)	10	54	24	2938	9F	HL	43	101	47
2881	15D	(SS)	5	50	18	2939	9F	(SS)	1	22	2
2882	15D	(SS)	9	51	19	2940	9F	(SS)	14	65	16
2883	15D	(SS)	16	107	14	2941	9F	(SS)	1	27	6
2884	15D	CH	7	60	14	2942	9F	(SS)	7	53	8
2885	15D	CH	10	65	29	2943	9F	(SS)	17	70	28

Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
2944	9F	(SS)	24	79	52	3002	8G	(SS)	3	22	9
2945	9F	(SS)	18	77	32	3003	8G	(SS)	4	16	5
2946	9F	(SS)	31	79	29	3004	8G	(SS)	4	23	21
2947	9F	(SS)	10	73	22	3005	8G	(SS)	6	28	16
2948	9F	(SS)	9	66	19	3006	8G	(SS)	3	17	16
2949	9F	(SS)	4	55	10	3007	20D	(SS)	32	78	20
2950	9F	(SS)	13	69	23	3008	20D	(SS)	2	29	7
2951	9F	(SS)	18	66	22	3009	20D	(SS)	19	27	14
2952	9F	(SS)	14	70	21	3010	20D	(SS)	0	19	5
2953	9F	(SS)	22	102	40	3011	20D	(SS)	17	21	9
2954	9F	(SS)	15	81	31	3012	20D	(SS)	0	21	0
2955	9F	(SS)	49	83	43	3013	20D	(SS)	0	16	1
2956	9F	(SS)	17	66	25	3014	20D	(SS)	0	19	2
2957	9F	MI	11	61	24	3015	20D	(SS)	7	19	11
2958	9F	(SS)	13	69	27	3016	20D	(SS)	11	43	12
2959	9F	(SS)	22	78	49	3017	20D	(SS)	16	26	2
2960	9F	(SS)	14	67	25	3018	20D	(SS)	18	51	21
2961	9F	(SS)	26	75	30	3019	20D	(SS)	13	71	20
2962	9F	(SS)	12	69	26	3020	20D	(SS)	12	61	15
2963	9F	(SS)	6	46	10	3021	20D	(SS)	11	43	12
2964	9F	(SS)	11	62	17	3022	20D	(SS)	8	39	9
2965	9F	(SS)	27	80	30	3023	20C	(SS)	11	67	17
2966	18C	(SS)	15	82	49	3024	19C	(SS)	14	66	18
2967	16B	(SS)	17	179	24	3025	19C	(SS)	16	75	20
2968	16B	(SS)	50	83	45	3026	19C	(SS)	20	74	19
2969	16B	(SS)	26	87	68	3027	19C	(SS)	13	60	15
2970	16B	(SS)	26	58	21	3028	19C	(SS)	13	64	16
2971	15C	(SS)	14	118	44	3029	19C	(SS)	9	54	13
2972	15C	(SS)	62	85	37	3030	19C	(SS)	12	48	12
2973	15C	(SS)	25	358	66	3031	19C	(SS)	44	54	28
2974	14B	(SS)	20	92	34	3032	19C	(SS)	7	39	10
2975	14B	(SS)	24	119	39	3033	19C	(SS)	9	46	11
2976	15B	(SS)	83	93	54	3034	19C	(SS)	111	89	67
2977	15B	(SS)	28	201	56	3035	20D	HU	17	66	16
2978	15B	(SS)	12	164	39	3036	20D	HU	14	113	36
2979	8G	(SS)	8	43	9	3037	20D	HU	53	46	18
2980	8G	(SS)	25	39	17	3038	20D	OR	82	46	21
2981	8G	(SS)	4	19	8	3039	20D	OR	17	55	16
2982	8G	(SS)	17	211	17	3040	20D	OR	181	22	12
2983	8G	(SS)	26	32	21	3041	20C	OR	85	18	12
2984	8G	(SS)	30	49	20	3042	20C	OR	16	25	24
2985	8G	(SS)	37	32	15	3043	20C	OR	21	36	27
2986	8G	(SS)	15	63	25	3044	20C	CH	16	56	22
2987	8G	(SS)	7	68	22	3045	19C	CH	15	41	20
2988	8G	(SS)	14	47	16	3046	19C	CH	22	69	29
2989	8G	(SS)	10	57	26	3047	19C	CH	21	90	29
2990	8G	(SS)	3	39	11	3048	19C	CH	20	74	28
2991	8G	(SS)	15	69	24	3049	19C	VI	25	102	23
2992	8G	(SS)	9	41	22	3050	19C	HU	15	84	36
2993	8G	(SS)	9	20	16	3051	19C	HU	16	66	23
2994	8G	(SS)	13	29	7	3052	19C	HU	15	71	26
2995	8G	(SS)	7	39	18	3053	19C	HU	13	85	27
2996	8G	(SS)	3	23	6	3054	19C	HU	19	95	23
2997	8G	(SS)	6	47	23	3055	19C	HU	9	69	22
2998	8G	(SS)	21	68	43	3056	19C	HU	79	87	59
2999	8G	(SS)	7	30	22	3057	19C	HU	6	85	20
3000	8G	(SS)	15	56	47	3058	19C	HU	12	88	25
3001	8G	(SS)	4	20	15	3059	19C	HU	15	97	31

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
3060	19C	HU	48	111	23	3118	18C	TM	11	20	13
3061	19C	HU	20	83	27	3119	18C	TM	23	25	6
3062	19C	HU	29	93	21	3120	19C	CH	8	45	11
3063	19C	HU	22	72	16	3121	19C	CH	14	72	22
3064	19C	HU	16	67	16	3122	19C	CH	27	49	13
3065	19C	HU	5	46	9	3123	19C	CH	7	46	10
3066	19C	HU	9	73	23	3124	19C	CH	7	33	7
3067	19C	HU	12	147	19	3125	19C	CH	19	68	17
3068	19C	HU	16	93	27	3126	19C	CH	32	75	22
3069	19C	HU	18	85	25	3127	19C	CH	21	73	17
3070	19C	OR	10	64	21	3128	19C	CH	16	52	13
3071	19C	OR	14	66	25	3129	19C	CH	17	52	12
3072	19C	OR	19	69	29	3130	17B	PU	8	93	20
3073	19C	OR	4	38	8	3131	17B	PU	1	16	12
3074	19C	CH	7	51	18	3132	17B	PU	100	83	55
3075	19C	CH	9	56	18	3133	17B	PU	13	483	44
3076	19C	CH	12	58	21	3134	17B	PU	21	430	98
3077	19C	CH	13	53	15	3135	17B	PU	10	174	33
3078	19C	CH	13	53	16	3136	17B	PU	3	52	16
3079	19C	CH	8	58	17	3137	18B	PU	39	32	21
3080	19C	CH	21	89	38	3138	18B	PU	19	72	27
3081	19C	CH	12	54	12	3139	18B	PU	10	55	23
3082	19C	HU	13	68	25	3140	18B	PU	48	67	38
3083	19C	HU	1	49	16	3141	18B	PU	2	30	12
3084	19C	HU	16	95	36	3142	18B	PU	16	280	47
3085	19C	HU	32	107	54	3143	18B	PU	19	333	53
3086	19C	HU	11	50	19	3144	18B	PU	3	62	16
3087	19C	HU	3	43	12	3145	18B	PU	8	110	21
3088	19C	HU	11	66	6	3146	18B	PU	7	43	13
3089	19C	HU	114	130	80	3147	18B	PU	10	85	31
3090	19C	HU	11	59	19	3148	18B	PU	4	75	18
3091	19C	HU	27	113	44	3149	18B	PU	13	247	50
3092	19C	HU	13	59	12	3150	18B	PU	20	87	14
3093	18B	CH	6	44	13	3151	18B	PU	10	42	24
3094	18B	CH	5	46	16	3152	18B	PU	14	57	28
3095	18C	CH	0	67	15	3153	18B	PU	8	43	13
3096	18C	CH	11	75	14	3154	16A	PG	75	56	35
3097	18C	CH	24	270	14	3155	16A	MI	115	223	43
3098	18C	CH	12	78	11	3156	16A	MI	80	118	36
3099	18C	CH	48	79	14	3157	16A	MI	41	104	43
3100	18C	TM	23	80	12	3158	16A	PU	64	257	51
3101	18C	TM	22	50	16	3159	16A	PU	104	1,037	98
3102	18C	TM	84	56	4	3160	16A	PU	22	113	30
3103	18C	TM	16	43	9	3161	16B	PU	30	95	38
3104	18C	CH	23	78	8	3162	16B	PU	20	99	30
3105	18C	CH	12	59	19	3163	16B	PU	45	540	133
3106	18C	CH	10	45	12	3164	16B	PU	30	63	23
3107	18C	CH	25	95	18	3165	16B	PU	9	53	21
3108	18C	CH	21	92	28	3166	16B	PU	35	92	63
3109	18C	CH	12	52	17	3167	16B	PU	12	64	30
3110	18C	TM	32	63	6	3168	16B	PU	23	77	38
3111	18C	TM	16	26	8	3169	16B	PU	20	74	39
3112	18C	TM	17	44	8	3170	16B	PU	12	59	35
3113	18C	TM	48	54	8	3171	16B	PU	38	63	30
3114	18C	TM	47	86	13	3172	16B	PU	4	40	19
3115	18C	TM	33	58	11	3173	16B	PU	20	119	50
3116	18C	TM	123	70	9	3174	16B	PU	20	133	54
3117	18C	TM	41	54	16	3175	16B	PU	61	370	120

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
3176	168	PU	11	81	25	3234	178	PU	7	77	27
3177	168	PU	12	74	30	3235	178	PU	24	388	79
3178	168	PU	8	74	22	3236	178	PU	23	322	31
3179	168	PU	17	91	43	3237	178	PU	4	41	9
3180	168	PU	34	134	48	3238	178	PU	17	63	36
3181	168	PU	10	113	33	3239	178	PU	14	82	27
3182	168	PU	22	273	41	3240	178	PU	20	44	32
3183	168	PU	28	90	19	3241	178	PU	2	17	6
3184	168	PU	12	230	31	3242	178	CH	10	51	24
3185	168	PU	10	92	14	3243	178	CH	22	68	34
3186	168	PU	19	293	48	3244	178	CH	63	50	51
3187	168	PU	10	97	21	3245	178	HU	2	20	9
3188	168	PU	13	119	28	3246	178	HU	13	84	40
3189	168	PU	17	118	50	3247	178	HU	16	138	69
3190	168	PU	14	105	41	3248	178	HU	30	71	40
3191	168	PU	13	263	50	3249	178	HU	13	631	53
3192	168	PU	9	116	38	3250	188	CH	3	22	10
3193	168	PU	5	61	21	3251	188	CH	4	31	16
3194	168	PU	28	77	36	3252	188	PU	49	73	42
3195	178	PU	4	44	17	3253	188	PU	14	278	45
3196	178	PU	7	91	27	3254	188	PU	21	78	44
3197	178	PU	19	288	40	3255	188	SA	5	21	10
3198	178	PU	20	451	80	3256	188	SA	12	84	34
3199	178	PU	43	512	44	3257	178	PU	12	95	21
3200	178	PU	12	269	69	3258	178	PU	3	84	20
3201	178	PU	14	71	48	3259	178	PU	21	120	56
3202	178	PU	12	256	56	3260	178	PU	41	65	72
3203	178	PU	8	124	46	3261	178	CH	5	52	25
3204	178	PU	20	119	41	3262	178	HU	35	94	48
3205	178	PU	12	256	45	3263	178	HU	8	95	47
3206	178	PU	4	56	19	3264	178	HU	32	75	45
3207	178	PU	4	37	15	3265	178	CH	12	52	38
3208	178	PU	33	71	34	3266	178	CH	18	94	37
3209	178	PU	6	68	17	3267	178	CH	21	70	29
3210	178	PU	7	72	22	3268	178	CH	7	32	21
3211	178	PU	7	81	24	3269	178	CH	20	98	45
3212	178	PU	4	44	16	3270	178	CH	25	241	55
3213	178	PU	19	58	27	3271	178	CH	12	66	25
3214	178	PU	4	30	16	3272	178	CH	27	82	58
3215	178	PU	3	39	16	3273	178	CH	7	30	18
3216	178	PU	3	35	17	3274	168	CH	9	41	23
3217	178	PU	2	42	18	3275	168	CH	17	45	27
3218	178	PU	12	132	38	3276	168	CH	10	68	34
3219	178	PU	4	58	21	3277	168	CH	22	80	27
3220	178	PU	5	76	21	3278	168	CH	22	110	36
3221	178	PU	6	86	27	3279	178	PU	17	131	30
3222	178	PU	12	193	34	3280	178	PU	14	356	27
3223	178	PU	10	122	37	3281	178	PU	10	90	17
3224	178	PU	19	103	38	3282	178	CH	18	397	40
3225	178	PU	6	32	14	3283	178	CH	20	99	34
3226	178	PU	11	70	28	3284	178	CH	11	77	13
3227	178	PU	15	131	44	3285	178	HU	7	32	7
3228	178	PU	10	88	34	3286	178	HU	4	46	18
3229	178	PU	8	56	23	3287	178	HU	32	93	23
3230	178	PU	4	41	22	3288	178	HU	11	75	23
3231	178	PU	17	114	40	3289	178	HU	15	90	36
3232	178	PU	15	92	46	3290	178	HU	2	72	27
3233	178	PU	10	78	32	3291	178	HU	19	82	34

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
3292	17B	PU	11	63	23	3350	130	MO	31	93	13
3293	14B	MI	2	28	6	3351	130	MO	36	73	19
3294	14B	MI	3	37	4	3352	130	MI	23	298	20
3295	14B	MI	2	30	0	3353	130	PU	49	329	86
3296	14B	MI	20	38	8	3354	130	PU	20	103	64
3297	14C	MI	2	111	13	3355	130	PU	7	58	52
3298	14C	MI	21	288	84	3356	130	PU	11	52	54
3299	14C	MO	174	60	23	3357	130	PU	17	539	151
3300	14C	MO	83	63	199	3358	130	PU	16	90	48
3301	14C	MO	22	97	130	3359	130	PU	31	102	102
3302	14C	MO	7	44	45	3360	120	PU	20	236	33
3303	14C	MI	9	27	14	3361	120	PU	24	342	165
3304	14C	MI	71	72	66	3362	120	PU	16	1,049	48
3305	14C	MI	43	104	52	3363	120	PU	24	103	103
3306	14C	MI	11	13	1	3364	120	PU	23	769	189
3307	14C	MI	43	72	30	3365	120	PU	20	238	175
3308	14C	MI	19	83	108	3366	120	PU	32	479	98
3309	14C	MI	32	94	109	3367	120	PU	14	490	36
3310	14C	PU	18	54	54	3368	12E	PU	11	99	56
3311	14C	PU	5	32	8	3369	12E	PU	20	298	59
3312	14C	PU	105	90	68	3370	12E	PU	18	321	72
3313	14C	PU	24	97	129	3371	12E	PU	16	503	66
3314	14C	PU	24	606	121	3372	12E	PU	19	70	37
3315	14C	PU	25	373	127	3373	12E	PU	19	101	50
3316	14C	PU	8	77	49	3374	12E	PU	18	69	35
3317	14C	PU	16	74	25	3375	12E	PU	20	98	30
3318	14C	PU	17	1,010	72	3376	12E	PU	16	42	14
3319	14C	PU	25	1,228	104	3377	12E	PU	18	277	91
3320	14C	PU	16	342	70	3378	12E	PU	29	282	82
3321	14C	PU	13	381	60	3379	12E	QU	34	86	69
3322	14C	PU	16	404	58	3380	12E	QU	17	43	30
3323	14C	PU	40	720	206	3381	12E	QU	7	32	15
3324	14C	PU	2	342	48	3382	12E	CH	4	37	22
3325	14C	PU	1	136	23	3383	12E	PU	10	86	57
3326	14C	PU	31	109	30	3384	12E	PU	46	101	64
3327	14C	PU	17	269	61	3385	12E	PU	13	55	37
3328	14C	PU	8	122	41	3386	12E	PU	25	61	19
3329	14C	PU	2	42	26	3387	12E	PU	16	75	16
3330	13C	PU	9	73	21	3388	12E	PU	35	70	21
3331	13C	PU	8	104	73	3389	12E	PU	21	448	98
3332	13C	PU	4	35	26	3390	12E	PU	23	381	98
3333	13C	PU	5	60	30	3391	120	MI	28	98	97
3334	13C	PU	2	14	13	3392	120	MI	17	45	23
3335	13C	MI	12	992	188	3393	120	MI	11	42	10
3336	13C	MI	3	1,269	27	3394	120	MI	14	39	11
3337	130	MI	9	2,251	63	3395	120	MI	11	42	4
3338	130	MI	7	1,109	26	3396	120	MI	36	52	18
3339	130	MI	15	33	10	3397	120	MI	133	66	42
3340	130	MO	3	32	5	3398	120	MI	368	64	64
3341	130	MO	2	51	5	3399	120	MI	126	56	64
3342	130	MO	10	58	6	3400	120	MI	162	56	55
3343	130	MO	17	77	14	3401	120	MI	64	74	26
3344	130	MO	91	102	16	3402	120	MI	101	52	21
3345	130	MO	7	42	4	3403	120	MI	14	65	13
3346	130	MO	2	27	4	3404	120	MI	73	52	12
3347	130	MO	88	69	35	3405	120	MI	44	303	19
3348	130	MO	119	86	185	3406	120	MI	76	59	4
3349	130	MO	19	43	18	3407	120	MI	45	66	40

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
3408	120	PG	25	31	7	3466	30	PU	6	28	10
3409	120	PG	29	25	11	3467	30	PU	56	303	76
3410	120	PG	43	102	8	3468	30	PU	97	107	34
3411	120	PG	27	80	17	3469	198	PU	14	381	52
3412	120	PG	37	58	8	3470	198	PU	34	683	177
3413	120	PG	35	57	24	3471	198	PU	79	583	175
3414	120	PG	16	46	26	3472	198	PU	10	82	32
3415	110	PG	14	36	11	3473	198	PU	9	59	28
3416	110	PG	3	30	26	3474	198	PU	8	72	18
3417	110	PG	4	28	12	3475	198	PU	11	30	15
3418	110	PG	24	63	18	3476	198	PU	12	62	26
3419	110	PG	46	83	40	3477	198	OR	8	66	19
3420	110	PG	82	203	18	3478	198	CH	4	52	24
3421	110	PG	6	33	13	3479	198	CH	6	39	13
3422	110	PG	15	39	12	3480	198	CH	10	73	13
3423	110	PG	67	72	27	3481	198	CH	12	59	25
3424	110	PG	99	59	28	3482	198	CH	6	52	25
3425	110	PG	43	56	13	3483	198	CH	11	103	34
3426	110	PG	89	63	18	3484	198	CH	2	17	13
3427	110	PG	232	53	10	3485	198	CH	10	103	31
3428	110	PG	515	65	5	3486	198	CH	11	62	35
3429	110	PG	29	68	12	3487	198	CH	4	30	18
3430	110	PG	11	35	11	3488	198	CH	3	39	20
3431	110	PG	11	33	11	3489	198	CH	22	56	35
3432	110	PG	17	42	26	3490	198	CH	0	23	9
3433	110	PG	14	39	21	3491	198	OR	13	76	29
3434	110	PG	20	60	15	3492	198	SA	25	122	40
3435	110	PG	23	145	20	3493	198	SA	22	87	38
3436	110	PG	14	38	13	3494	198	SA	11	82	29
3437	110	PG	12	58	11	3495	188	SA	24	88	39
3438	110	PG	11	34	15	3496	188	SA	10	50	19
3439	110	PG	18	90	23	3497	188	SA	11	84	23
3440	110	PG	31	58	21	3498	188	SA	23	136	55
3441	110	PG	11	63	15	3499	188	SA	24	270	70
3442	110	PG	49	69	33	3500	188	PU	23	1,680	80
3443	110	PG	13	41	3	3501	188	PU	27	136	157
3444	110	PG	26	53	14	3502	188	PU	14	108	28
3445	100	PG	17	132	13	3503	188	PU	27	48	31
3446	100	PG	17	65	15	3504	198	CH	51	120	43
3447	100	(SS)	2	119	4	3505	198	CH	21	78	33
3448	110	(SS)	24	80	13	3506	198	OR	121	85	36
3449	110	(SS)	20	68	11	3507	198	OR	48	66	22
3450	110	(SS)	24	58	16	3508	198	OR	18	100	39
3451	120	(SS)	19	139	13	3509	198	OR	16	363	43
3452	120	(SS)	17	104	21	3510	198	OR	34	66	14
3453	120	(SS)	19	63	19	3511	198	OR	58	1,457	107
3454	12E	(SS)	8	70	12	3512	198	OR	5	340	29
3455	30	(SS)	7	32	4	3513	198	OR	33	58	20
3456	30	(SS)	1	46	5	3514	198	OR	3	45	16
3457	30	(SS)	29	124	12	3515	198	PU	34	126	56
3458	30	(SS)	2	58	7	3516	198	PU	43	1,083	156
3459	30	(SS)	37	48	26	3517	198	PU	25	138	47
3460	30	(SS)	6	52	7	3518	198	PU	13	59	27
3461	30	PG	84	980	60	3519	198	OR	12	60	24
3462	30	PG	8	1,447	37	3520	188	CH	29	29	51
3463	30	(SS)	16	587	29	3521	188	CH	6	38	20
3464	30	(SS)	19	126	28	3522	188	CH	8	49	42
3465	30	PU	7	98	20	3523	188	CH	13	86	39

Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
3524	188	CH	10	54	41	3582	17C	CH	7	40	15
3525	188	CH	3	35	22	3583	17C	CH	52	37	39
3526	188	CH	10	83	28	3584	17C	CH	6	33	12
3527	188	CH	11	33	31	3585	17C	(SS)	10	51	20
3528	198	PU	27	313	69	3586	17C	CH	7	40	11
3529	198	PU	14	115	33	3587	17C	CH	8	34	13
3530	198	PU	23	890	86	3588	17C	CH	6	45	16
3531	198	PU	27	410	89	3589	17C	CH	11	63	19
3532	198	PU	3	57	22	3590	17C	CH	6	30	10
3533	198	SA	23	297	79	3591	17C	CH	9	34	19
3534	198	OR	2	64	25	3592	17C	CH	6	38	15
3535	198	CH	31	110	65	3593	17C	CH	7	33	15
3536	198	CH	34	530	92	3594	17C	CH	7	33	15
3537	188	CH	11	22	5	3595	17C	CH	7	40	17
3538	188	CH	11	63	22	3596	17C	(SS)	8	35	13
3539	188	CH	13	33	22	3597	17C	CH	6	55	12
3540	188	CH	1	16	7	3598	17C	CH	10	52	21
3541	188	CH	26	65	18	3599	17D	(SS)	7	41	12
3542	188	CH	6	49	11	3600	17D	CH	6	99	12
3543	188	CH	10	55	19	3601	17D	CH	11	40	15
3544	188	CH	12	74	20	3602	17D	CH	5	52	12
3545	188	CH	2	15	7	3603	17E	CH	7	25	13
3546	188	CH	7	32	27	3604	17E	CH	5	17	10
3547	188	CH	35	55	48	3605	17E	CH	5	25	9
3548	188	CH	7	77	12	3606	17E	CH	5	23	8
3549	188	CH	7	91	15	3607	17E	CH	6	15	7
3550	188	(SS)	10	60	11	3608	17E	CH	11	21	11
3551	188	CH	7	52	15	3609	17E	CH	9	26	11
3552	188	(SS)	7	49	15	3610	17E	CH	10	19	8
3553	18C	CH	8	45	18	3611	17E	CH	5	16	10
3554	18C	TH	7	43	17	3612	17E	CH	7	27	10
3555	18C	OR	30	44	25	3613	17E	CH	11	39	12
3556	18C	OR	7	39	13	3614	17E	CH	14	32	14
3557	18C	(SS)	8	38	14	3615	17E	CH	16	24	8
3558	18C	CH	9	41	11	3616	17E	(SS)	18	30	13
3559	18C	CH	26	94	57	3617	17E	CH	15	35	15
3560	18C	CH	6	40	17	3618	188	(SS)	15	30	15
3561	18C	CH	8	46	18	3619	18E	CH	12	37	16
3562	18C	CH	7	43	16	3620	18E	CH	5	18	10
3563	18C	CH	5	36	16	3621	18E	(SS)	8	28	13
3564	18C	CH	5	38	16	3622	18E	(SS)	6	30	13
3565	18C	CH	4	34	16	3623	18E	CH	13	21	12
3566	18C	CH	58	47	34	3624	18E	(SS)	7	31	13
3567	18C	CH	6	32	13	3625	18E	CH	34	42	19
3568	18C	(SS)	13	50	19	3626	18E	(SS)	5	22	18
3569	18C	CH	26	52	27	3627	18E	CH	7	36	15
3570	18C	CH	5	37	15	3628	18E	CH	20	34	15
3571	18C	CH	7	43	21	3629	18E	CH	11	68	18
3572	17C	(SS)	11	41	18	3630	18E	(SS)	4	18	13
3573	17C	CH	5	37	20	3631	18E	CH	8	35	19
3574	17C	CH	7	42	21	3632	18E	(SS)	12	34	15
3575	17C	CH	7	41	18	3633	18E	CH	8	28	15
3576	17C	CH	8	43	14	3634	18E	CH	5	15	11
3577	17C	CH	9	67	14	3635	18E	CH	11	45	21
3578	17C	CH	9	45	17	3636	18E	CH	7	29	17
3579	17C	CH	5	25	21	3637	17E	HU	7	31	28
3580	17C	CH	68	42	37	3638	17E	QU	2	15	10
3581	17C	CH	8	40	15	3639	17E	QU	7	25	11

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
3640	17E	QU	7	27	16
3641	18E	QU	10	32	18
3642	18E	QU	7	25	18
3643	18E	QU	7	28	299
3644	18E	HU	6	29	18
3645	18E	HU	7	27	19
3646	18E	HU	8	30	14
3647	19E	QU	5	108	10
3648	19E	QU	6	57	10
3649	19E	(SS)	8	43	12
3650	19E	(SS)	6	30	10
3651	19E	(SS)	7	21	7
3652	19E	(SS)	2	26	7
3653	19E	QU	5	26	9
3654	19E	QU	21	22	20
3655	19E	QU	4	25	7
3656	19E	(SS)	21	19	15
3657	19E	(SS)	2	23	6
3658	19E	(SS)	4	21	7
3659	19E	HU	5	28	10
3660	19E	HU	3	19	9
3661	19E	QU	3	89	7
3662	19E	QU	2	13	4
3663	19E	(SS)	3	26	4
3664	19E	(SS)	3	18	4
3665	19E	QU	5	25	6
3666	20E	QU	6	57	8
3667	20E	QU	4	24	8
3668	20E	(SS)	4	322	5
3669	20E	(SS)	6	52	11
3670	20E	(SS)	5	27	9
3671	20E	QU	7	27	8
3672	20E	(SS)	3	20	7
3673	20E	HU	6	26	10
3674	20E	(SS)	6	40	11
3675	20E	QU	7	26	9
3676	20E	(SS)	8	116	13
3677	20E	HU	5	30	6
3678	20E	QU	29	48	21
3679	20E	QU	8	33	10
3680	20E	QU	15	91	26
3681	20E	QU	5	24	5
3682	20E	QU	8	28	10
3683	20E	QU	8	34	11
3684	20E	QU	6	84	9
3685	20E	QU	10	40	13
3686	20E	QU	9	30	6
3687	20E	QU	19	44	16
3688	20E	QU	42	46	22
3689	20E	QU	17	46	7
3690	20E	QU	11	46	19
3691	14E	CH	10	65	21
3692	14E	CH	7	37	12
3693	14E	CH	7	30	4
3694	14E	CH	11	52	16
3695	14E	CH	6	25	16
3696	14E	(SS)	6	36	29
3697	14E	(SS)	12	50	32

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
3698	14E	CH	13	67	25
3699	14E	CH	11	46	19
3700	14E	CH	6	39	14
3701	14E	CH	12	62	27
3702	14E	(SS)	22	73	34
3703	14E	CH	2	49	24
3704	14E	CH	34	42	26
3705	14E	CH	4	43	20
3706	14E	CH	13	70	34
3707	13E	(SS)	15	77	34
3708	13E	(SS)	9	50	26
3709	13E	CH	21	85	37
3710	13E	(SS)	4	51	20
3711	13E	CH	12	51	17
3712	13E	(SS)	12	53	27
3713	13E	CH	13	40	21
3714	13E	CH	9	32	12
3715	13E	CH	9	41	23
3716	13E	CH	9	52	21
3717	13E	CH	9	43	17
3718	13E	CH	2	29	8
3719	13E	(SS)	9	40	23
3720	13E	CH	20	73	34
3721	13E	CH	16	76	32
3722	13E	CH	14	73	31
3723	13D	CH	4	52	27
3724	13D	CH	14	66	32
3725	13D	CH	12	81	37
3726	13D	(SS)	1	47	14
3727	13D	CH	5	52	10
3728	13D	(SS)	7	73	21
3729	13D	CH	7	67	19
3730	13D	CH	6	58	23
3731	13D	(SS)	6	60	16
3732	13D	(SS)	10	71	23
3733	13D	CH	29	71	21
3734	13D	(SS)	32	75	18
3735	13D	CH	55	49	21
3736	13D	(SS)	11	34	26
3737	14D	CH	12	68	24
3738	14D	CH	28	37	53
3739	14D	CH	74	72	28
3740	14D	CH	14	24	11
3741	14D	CH	3	24	9
3742	14D	CH	7	34	16
3743	14D	(SS)	8	43	16
3744	14D	CH	21	56	25
3745	14D	CH	2	37	12
3746	14D	(SS)	29	63	27
3747	14D	CH	4	26	4
3748	14D	(SS)	24	83	29
3749	14D	CH	22	67	25
3750	14D	CH	17	62	29
3751	14D	(SS)	10	53	14
3752	14D	CH	3	32	13
3753	14D	CH	1	20	11
3754	14D	CH	1	18	6
3755	14D	CH	5	27	5

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
3756	145	OR	14	95	52	3814	13C	PG	13	40	20
3757	145	(SS)	14	95	52	3815	13C	MI	10	72	47
3758	145	SA	20	120	42	3816	13C	MI	17	42	50
3759	145	SA	30	288	45	3817	13C	MI	10	48	30
3760	145	(SS)	10	115	39	3818	13C	MD	3	29	7
3761	145	PU	12	99	32	3819	13C	MD	1	26	9
3762	145	PU	17	99	46	3820	13C	MD	1	53	13
3763	14E	CH	6	28	16	3821	13C	MD	0	7	7
3764	13E	CH	19	44	23	3822	13C	MD	17	15	9
3765	13E	CH	19	39	23	3823	13C	MD	18	44	23
3766	13E	CH	16	37	19	3824	13C	(SS)	29	95	70
3767	13E	(SS)	26	67	21	3825	13C	MD	9	19	8
3768	13E	(SS)	13	44	19	3826	13C	(SS)	48	79	0
3769	13E	CH	11	73	19	3827	13C	MD	29	331	0
3770	13E	CH	19	77	27	3828	13C	MD	85	45	4
3771	13E	(SS)	11	51	21	3829	13C	MD	13	46	1
3772	13E	CH	2	23	6	3830	13C	MD	12	53	0
3773	13E	(SS)	12	46	14	3831	13C	MD	16	39	1
3774	13E	CH	19	66	24	3832	13C	(SS)	52	56	9
3775	13E	(SS)	11	58	21	3833	13C	(SS)	27	44	2
3776	13E	(SS)	5	33	14	3834	13C	MD	14	59	4
3777	13E	CH	13	51	19	3835	13C	MD	31	114	3
3778	13E	CH	6	19	6	3836	13C	MD	9	40	9
3779	13E	(SS)	11	54	26	3837	13D	MD	29	46	2
3780	13E	CH	17	50	24	3838	13D	MD	1	23	5
3781	13E	CH	13	51	17	3839	13D	MD	1	17	1
3782	13E	(SS)	9	43	21	3840	13D	MD	12	42	14
3783	13E	(SS)	7	30	16	3841	13D	(SS)	14	33	5
3784	13E	CH	14	61	32	3842	13D	(SS)	2	32	7
3785	13E	CH	13	57	18	3843	13D	MD	1	20	2
3786	13E	(SS)	10	49	26	3844	13D	MD	2	39	7
3787	13E	CH	17	58	21	3845	13D	(SS)	6	77	8
3788	13E	(SS)	6	35	16	3846	13D	PU	9	95	15
3789	13E	CH	13	55	16	3847	13D	MI	33	221	56
3790	13E	CH	29	89	38	3848	13D	MI	17	108	37
3791	13E	CH	14	55	21	3849	13D	(SS)	17	59	10
3792	13E	CH	17	66	29	3850	2G	(SS)	0	65	7
3793	13E	(SS)	4	34	15	3851	2G	PG	2	65	8
3794	13E	CH	7	34	16	3852	2G	PG	1	73	8
3795	13E	CH	7	59	27	3853	2G	(SS)	5	81	11
3796	13E	CH	18	74	19	3854	2G	PG	1	77	7
3797	13E	PG	26	181	15	3855	2G	PG	1	69	9
3798	13E	PG	163	64	87	3856	2G	PG	1	59	4
3799	13E	PG	6	82	9	3857	2G	PG	1	61	7
3800	13E	(SS)	3	67	5	3858	2G	PG	2	44	5
3801	13E	PG	15	124	35	3859	2G	PG	2	70	7
3802	13E	PG	1	35	9	3860	3C	PU	2	24	4
3803	13E	PG	2	63	4	3861	3C	PG	17	118	12
3804	13E	PG	4	101	9	3862	20D	HU	30	75	22
3805	13E	(SS)	1	50	2	3863	20D	HU	30	73	19
3806	13E	PG	6	70	11	3864	20D	HU	23	93	28
3807	13E	PG	12	57	15	3865	20D	HU	39	60	20
3808	13E	(SS)	6	47	12	3866	20D	HU	18	82	25
3809	13E	PG	23	73	21	3867	20D	HU	13	62	16
3810	13E	(SS)	9	57	17	3868	20D	VI	16	62	18
3811	13E	PU	13	94	20	3869	20D	CH	12	34	31
3812	13E	PG	9	22	7	3870	20D	CH	9	86	31
3813	13C	PG	10	50	11	3871	20D	CH	18	69	23

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
3872	20D	OR	24	65	19
3873	20D	OR	14	64	26
3874	20D	OR	8	31	9
3875	20D	OR	15	80	16
3876	20D	OR	27	24	17
3877	20D	OR	53	55	7
3878	20D	SA	25	72	14
3879	20D	SA	0	17	3
3880	20D	SA	0	16	5
3881	20D	SA	0	30	5
3882	20D	SA	8	65	36
3883	20D	HU	8	45	18
3884	20D	HU	2	21	7
3885	20D	HU	8	61	19
3886	20D	HU	36	204	30
3887	20D	HU	7	62	12
3888	20D	HU	20	76	25
3889	20D	HU	19	38	15
3890	19C	HU	4	79	31
3891	19C	HU	5	64	23
3892	19C	HU	12	86	32
3893	19C	HU	5	58	15
3894	19C	HU	12	86	24
3895	19C	HU	16	58	15
3896	19C	HU	14	67	18
3897	19C	HU	22	92	25
3898	19C	HU	20	111	31
3899	19C	HU	31	90	26
3900	19C	HU	34	117	27
3901	19C	HU	14	63	24
3902	19C	HU	14	65	29
3903	19C	HU	11	63	25
3904	19C	HU	15	66	29
3905	19C	CH	21	123	42
3906	19C	CH	21	77	34
3907	19C	CH	15	35	12
3908	19C	CH	7	57	19
3909	19C	CH	14	81	37
3910	19C	CH	15	32	11
3911	19C	CH	14	71	27
3912	19C	CH	17	79	36
3913	19C	CH	16	69	26
3914	19C	CH	17	79	31
3915	19C	CH	29	67	29
3916	19C	CH	11	53	22
3917	19C	CH	15	57	24
3918	19C	CH	22	74	29
3919	19C	CH	7	39	17
3920	20D	QU	13	90	21
3921	20D	QU	8	35	15
3922	20D	QU	2	15	8
3923	20E	QU	7	31	11
3924	20E	QU	2	25	10
3925	20E	QU	8	47	10
3926	20E	QU	5	31	11
3927	20E	QU	1	13	7
3928	20E	QU	6	38	10
3929	20E	QU	1	21	7

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
3930	20E	QU	2	19	18
3931	20E	QU	0	17	6
3932	20E	QU	0	15	7
3933	20E	QU	0	14	7
3934	20E	QU	4	25	11
3935	20E	QU	2	20	8
3936	20E	QU	16	76	28
3937	16B	PU	27	260	82
3938	16B	PU	23	162	28
3939	16B	PU	12	63	29
3940	16B	PU	12	101	25
3941	16B	PU	30	243	43
3942	16B	PU	19	62	28
3943	16B	PU	23	62	30
3944	16B	PU	19	95	39
3945	16B	PU	17	60	21
3946	16B	PU	29	98	36
3947	16B	PU	10	136	23
3948	16B	PU	32	323	72
3949	16B	PU	20	285	50
3950	16B	PU	30	103	31
3951	15C	PU	37	101	69
3952	15C	PU	31	101	50
3953	15C	PU	22	14	9
3954	15C	PU	22	114	48
3955	15C	PU	16	140	36
3956	15C	PU	44	104	137
3957	15C	PU	13	295	55
3958	15C	PU	5	73	25
3959	15C	PU	17	139	55
3960	15C	PU	58	93	55
3961	15C	PU	24	91	39
3962	15C	PU	20	113	35
3963	15C	PU	30	128	113
3964	15C	PU	25	368	123
3965	15C	PU	10	95	48
3966	15C	PU	4	12	23
3967	15C	PU	16	292	51
3968	14C	PU	30	351	98
3969	14C	PU	10	60	31
3970	14C	PU	28	264	99
3971	14C	PU	15	278	87
3972	14C	PU	9	217	51
3973	14C	PU	11	226	57
3974	14C	PU	20	455	41
3975	14C	PU	34	1,128	68
3976	14C	PU	40	145	60
3977	14C	MD	29	83	191
3978	14C	MD	85	136	129
3979	14C	MD	69	92	309
3980	14C	MI	42	140	34
3981	14C	MI	57	123	126
3982	14C	MI	18	61	24
3983	14C	MI	34	83	34
3984	14C	MD	18	41	50
3985	14A	PC	41	53	53
3986	14A	PC	37	42	36
3987	14B	BC	45	84	112

Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
3988	14B	BC	21	47	66	4046	15B	PU	3	63	14
3989	14B	ND	4	22	15	4047	15B	PU	11	285	39
3990	14B	ND	41	54	59	4048	15B	PU	8	47	31
3991	14B	BC	31	58	59	4049	15B	PU	43	78	163
3992	14B	BC	26	66	54	4050	15B	PU	20	23	12
3993	14B	BC	20	57	48	4051	15B	PU	75	138	137
3994	14B	BC	44	75	51	4052	15B	PU	19	74	47
3995	14B	BC	33	120	45	4053	15B	PU	22	361	71
3996	14B	ND	80	739	220	4054	15B	PU	57	493	99
3997	14B	ND	18	112	38	4055	15B	PU	21	253	84
3998	14B	ND	3	76	24	4056	15B	PU	24	392	71
3999	14B	BC	7	37	13	4057	15B	PU	37	133	68
4000	14B	BC	30	54	45	4058	15B	PU	23	222	48
4001	14B	BC	2	61	14	4059	15B	PU	6	67	12
4002	14B	BC	27	91	31	4060	15B	PU	8	109	35
4003	14B	MI	21	49	16	4061	15B	PU	18	335	69
4004	14B	MI	6	53	25	4062	15B	PU	21	139	59
4005	14B	MI	29	36	25	4063	15B	PU	8	118	42
4006	14B	MI	27	120	59	4064	15B	PU	21	98	75
4007	14B	MI	71	21	13	4065	15B	PU	19	323	56
4008	14B	MI	55	249	42	4066	15B	PU	48	486	104
4009	14B	MI	6	22	9	4067	15B	PU	24	288	62
4010	14B	MI	43	80	41	4068	16B	PU	17	354	81
4011	14B	MI	7	12	7	4069	16B	PU	16	123	25
4012	14B	MI	4	9	6	4070	16B	PU	14	128	52
4013	14B	MI	24	141	16	4071	16B	PU	13	219	68
4014	14B	MI	63	229	37	4072	16B	PU	46	81	37
4015	14B	MI	33	97	25	4073	16B	PU	19	95	43
4016	15B	MI	276	74	15	4074	16B	SA	64	109	40
4017	15B	MI	21	55	8	4075	16B	SA	6	79	30
4018	15B	MI	10	62	4	4076	16B	SA	8	84	29
4019	15B	MI	15	43	12	4077	16B	SA	21	98	30
4020	15B	MI	12	27	7	4078	16B	SA	3	43	15
4021	15B	MI	18	67	7	4079	16B	SA	6	33	14
4022	15B	MI	23	45	9	4080	16B	SA	7	22	17
4023	15B	MI	3	29	6	4081	16B	PU	18	60	24
4024	15B	MI	25	23	5	4082	16B	PU	17	42	24
4025	15B	MI	9	41	9	4083	16B	PU	13	50	24
4026	15B	MI	20	119	30	4084	16B	PU	16	50	22
4027	15B	MI	3	59	8	4085	16B	PU	23	56	24
4028	15B	MI	17	130	50	4086	16B	PU	21	70	29
4029	15B	MI	38	590	278	4087	16B	PU	9	92	35
4030	15B	MI	54	106	369	4088	16B	PU	18	107	36
4031	15B	PU	12	143	81	4089	16B	PU	19	208	65
4032	15B	PU	13	260	41	4090	16B	PU	15	84	40
4033	15B	PU	21	233	91	4091	16B	PU	5	79	30
4034	15B	PU	45	212	68	4092	16B	PU	26	295	91
4035	15B	PU	8	121	31	4093	16B	PU	21	260	73
4036	15B	PU	26	340	83	4094	16B	PU	36	132	158
4037	15B	PU	38	437	132	4095	16B	PU	50	208	37
4038	15B	PU	14	139	60	4096	16B	PU	17	128	55
4039	15B	PU	13	229	59	4097	14C	PU	23	128	44
4040	15B	PU	16	302	94	4098	14C	PU	8	891	35
4041	15B	PU	21	125	48	4099	14C	PU	28	605	73
4042	15B	PU	5	603	47	4100	14C	PU	29	525	90
4043	15B	PU	33	889	187	4101	14C	PU	63	3,217	46
4044	15B	PU	18	535	115	4102	14C	PU	26	1,189	112
4045	15B	PU	7	65	32	4103	14C	PU	25	1,475	67

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
4104	14C	PU	25	1,006	68
4105	14C	PU	14	678	87
4106	14C	PU	72	454	139
4107	14C	PU	26	528	79
4108	14C	PU	21	137	48
4109	14C	PU	3	24	22
4110	14C	PU	5	68	27
4111	14C	PU	11	308	41
4112	14C	PU	12	466	82
4113	14C	PU	14	702	71
4114	14C	PU	12	386	78
4115	14C	PU	3	49	11
4116	14C	PU	15	105	70
4117	14C	PU	19	507	65
4118	14C	PU	13	93	23
4119	14C	PU	13	91	22
4120	14D	MI	7	98	13
4121	14D	MI	34	93	44
4122	14D	MI	13	103	24
4123	14D	MI	2	33	9
4124	14D	MI	8	62	22
4125	14D	MI	8	83	20
4126	14D	MI	3	15	5
4127	14D	SA	7	106	28
4128	14D	SA	23	95	58
4129	14D	SA	4	54	19
4130	14D	SA	4	41	15
4131	14D	SA	8	69	20
4132	14D	SA	115	34	13
4133	14D	SA	8	66	26
4134	14D	SA	15	42	16
4135	14D	SA	1	46	10
4136	14D	SA	1	56	16
4137	14D	SA	0	27	9
4138	14D	SA	7	36	21
4139	14D	SA	1	37	10
4140	14D	OR	0	14	3
4141	14D	OR	4	39	9
4142	14D	OR	13	73	24
4143	14D	CH	7	64	18
4144	14D	CH	9	84	169
4145	14D	CH	1	16	4
4146	14D	CH	28	91	45
4147	14D	CH	10	79	33
4148	14D	CH	11	59	22
4149	14D	CH	18	85	26
4150	14D	CH	10	63	16
4151	14D	CR	7	53	16
4152	14D	CR	14	79	22
4153	14D	CR	1	36	6
4154	14D	CH	31	87	22
4155	14D	CH	9	59	14
4156	14D	CH	10	61	14
4157	14D	CH	21	61	18
4158	14D	CH	8	73	16
4159	14D	CH	11	53	16
4160	14D	CH	4	76	14
4161	14D	CH	4	56	9

Sample No	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
4162	14D	CH	9	89	21
4163	14D	CH	9	71	35
4164	14D	CH	1	28	6
4165	14D	VI	2	41	18
4166	14D	VI	2	43	13
4167	14D	CH	7	107	23
4168	14D	CH	5	68	13
4169	14D	VI	5	60	20
4170	14D	VI	0	12	0
4171	14D	VI	3	51	16
4172	14D	CH	5	64	29
4173	14D	CH	2	54	27
4174	14D	CH	3	60	8
4175	14D	CH	1	16	2
4176	14D	VI	14	82	23
4177	14D	VI	20	100	38
4178	14D	CH	10	70	18
4179	14D	CH	2	29	5
4180	14D	CH	10	59	20
4181	14D	CH	27	111	43
4182	14D	CH	23	101	33
4183	15D	CH	16	84	16
4184	15D	CH	26	79	33
4185	15D	CH	24	81	21
4186	15D	CH	7	71	28
4187	15D	CH	6	62	20
4188	15D	CH	18	81	23
4189	15D	CH	10	66	16
4190	15D	CH	9	70	21
4191	15D	CH	8	79	27
4192	15D	CH	9	73	21
4193	15D	CH	29	94	30
4194	15D	CH	21	100	34
4195	15D	CH	17	71	21
4196	15D	CH	17	62	17
4197	8C	OR	53	58	28
4198	8C	MI	6	36	12
4199	19B	QU	21	69	33
4200	19B	QU	16	40	19
4201	19B	QU	13	53	11
4202	19B	QU	22	72	20
4203	19B	QU	22	35	11
4204	19B	QU	22	48	18
4205	19A	QU	12	47	12
4206	20B	QU	18	52	22
4207	20B	QU	26	70	33
4208	20A	QU	5	50	13
4209	20B	QU	13	49	18
4210	20B	QU	11	42	15
4211	20B	QU	19	52	23
4212	18B	PU	13	58	29
4213	18B	PU	16	35	21
4214	18B	SA	2	6	0
4215	18B	OR	5	16	3
4216	18B	OR	7	40	19
4217	18B	CH	3	20	9
4218	18B	CH	2	18	6
4219	18B	CH	5	20	6

Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)	Sample No.	Location	Geological Index	Cu (ppm)	Zn (ppm)	Ni (ppm)
4220	188	CH	2	20	4	4278	9F	MI	42	251	56
4221	188	CH	16	62	21	4279	9F	(SS)	35	105	28
4222	188	CH	12	60	12	4280	9F	(SS)	26	92	33
4223	188	CH	8	94	39	4281	9F	MI	41	114	51
4224	188	CH	10	73	31	4282	9F	(SS)	23	85	44
4225	188	CH	9	44	14	4283	9F	(SS)	42	114	67
4226	188	CH	9	104	39	4284	9F	(SS)	33	99	55
4227	188	CH	7	37	13	4285	9F	(SS)	27	302	69
4228	188	CH	11	67	25	4286	9F	(SS)	65	127	64
4229	188	CH	19	91	26	4287	8F	(SS)	15	94	23
4230	188	PU	42	720	130	4288	8F	(SS)	16	84	29
4231	188	PU	21	189	67	4289	9F	(SS)	24	114	43
4232	188	CH	13	60	23	4290	9F	(SS)	17	81	31
4233	188	CH	41	56	45	4291	9F	MI	31	100	48
4234	188	CH	7	33	6	4292	9F	(SS)	17	80	28
4235	188	PU	32	911	82	4293	9F	(SS)	16	82	27
4236	188	PU	8	61	16	4294	9F	MI	8	59	1
4237	188	PU	100	291	80	4295	9F	MI	5	30	6
4238	188	PU	19	333	51	4296	9F	MI	7	38	4
4239	188	PU	42	410	118	4297	9F	MI	3	33	1
4240	188	CH	33	457	155						
4241	188	CH	16	109	49						
4242	188	CH	3	15	8						
4243	188	CH	13	86	39						
4244	188	CH	8	25	13						
4245	198	QU	10	55	15						
4246	198	QU	11	66	18						
4247	198	QU	11	58	18						
4248	198	QU	16	62	18						
4249	198	QU	11	58	20						
4250	198	(SS)	11	60	20						
4251	198	HU	10	53	17						
4252	198	HU	12	56	17						
4253	198	HU	16	81	29						
4254	198	PU	58	681	137						
4255	198	PU	20	134	36						
4256	198	PU	27	322	88						
4257	12E	CH	10	73	15						
4258	12E	CH	32	91	90						
4259	12E	CH	15	70	63						
4260	12E	CH	37	106	41						
4261	12E	PU	30	478	112						
4262	12E	CH	22	134	63						
4263	12E	CH	22	307	69						
4264	9F	MI	14	51	15						
4265	9F	MI	9	45	18						
4266	9F	(SS)	28	76	31						
4267	9F	(SS)	20	88	33						
4268	9F	(SS)	17	83	37						
4269	9F	(SS)	22	92	36						
4270	9F	(SS)	17	91	33						
4271	9F	(SS)	21	88	36						
4272	9F	MI	19	61	28						
4273	8F	QU	17	85	25						
4274	9F	MI	11	57	16						
4275	9F	BC	47	93	27						
4276	9F	(SS)	26	117	45						
4277	9F	(SS)	29	98	43						

Table 16B. Contents of 3-Elements in Soil and
Carbonate Rocks of the Detailed Survey Area

Geological Index

Sedimentary rocks

Quaternary (gravel & sand)	QU
Merced Formation	ME
Contamana Group	CO
Hyayabamba Group	HU
Vivian Formation	VI
Chonta Group	CH
Oriente Group	OR
Sarayaquillo Formation	SA
	PDO...Dolomite
Pucara Group	PLS...Limestone
	PSS...Sandstone
Mitu Group	MI
Copacabana - Tarma Group	TA
Ambo Group	AM
Excelcior Group	EX
Basement Complex (gneiss & schist)	BC

Igneous rock

	Volcanics	TV
Tertiary	Monzonite Porphyry	TM
	Rhyolite & Dacite	TR
Cretaceous ~ Tertiary	Quartz porphyry & Granite porphyry	MP
Cretaceous	Granite	CG
Jurassic	Diorite complex	MD
Permian ~ Triassic	Granite & Granodiorite	PG
	Granodiorite complex	PC

(1)

Sample No.	Location	S-B (T) or Carbonate Rock (L.R.F.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	S-B (T) or Carbonate Rock (L.R.F.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
1	4	TO - 001	MP	5	40	105	51	4	TO - 051	MP	4	31	50
2	4	TO - 002	MP	4	25	36	52	4	TO - 052	MP	3	25	42
3	4	TO - 003	MP	12	76	67	53	4	TO - 053	MP	< 2	14	11
4	4	TO - 004	MP	14	46	60	54	4	TO - 054	PLS	< 2	175	45
5	3	TO - 005	OG	5	25	89	55	4	TO - 055	PLS	< 2	40	13
6	3	TO - 006	OG	< 2	31	68	56	4	TO - 056	PLS	37	40	100
7	3	TO - 007	OG	3	17	53	57	4	TO - 057	PLS	25	40	39
8	3	TO - 008	OG	< 2	10	28	58	4	TO - 058	QU	4	10	18
9	3	TO - 009	OG	< 2	25	83	59	4	TO - 059	QU	16	10	50
10	3	TO - 010	OG	< 2	17	92	60	4	TO - 060	PLS	32	75	140
11	3	TO - 011	OG	4	25	73	61	4	TO - 061	PLS	4	10	11
12	3	TO - 012	MP	4	25	91	62	4	TO - 062	MP	< 2	10	4
13	3	TO - 013	MP	< 2	14	20	63	4	TO - 063	PLS	< 2	17	15
14	3	TO - 014	MP	5	36	64	64	4	TO - 064	TV	< 2	10	13
15	4	TO - 015	MP	< 2	< 5	22	65	4	TO - 065	TV	< 2	21	14
16	4	TO - 016	QU	9	17	58	66	4	TO - 066	TV	< 2	17	15
17	4	TO - 017	MP	4	10	39	67	4	TO - 067	TV	3	25	19
18	4	TO - 018	QU	4	10	39	68	4	TO - 068	PLS	8	290	460
19	4	TO - 019	QU	4	10	48	69	4	TO - 069	PDO	23	790	1,260
20	4	TO - 020	PLS	12	40	160	70	4	TO - 070	PDO	40	40	508
21	4	TO - 021	PLS	15	53	258	71	4	TO - 071	PDO	30	1,350	3,600
22	4	TO - 022	PLS	8	21	90	72	4	TO - 072	PDO	4	31	40
23	4	TO - 023	PLS	5	10	30	73	4	TO - 073	MP	5	46	50
24	4	TO - 024	PLS	16	17	77	74	4	TO - 074	MP	8	40	108
25	3	TO - 025	PLS	5	10	21	75	4	TO - 075	MP	5	25	69
26	3	TO - 026	PLS	9	10	18	76	4	TO - 076	MP	7	68	115
27	3	TO - 027	OR	< 2	< 5	3	77	4	TO - 077	MP	7	40	92
28	3	TO - 028	OR	< 2	10	15	78	4	TO - 078	MP	11	36	91
29	3	TO - 029	OR	< 2	< 5	10	79	6	TO - 079	MP	7	61	90
30	3	TO - 030	OR	4	10	29	80	6	TO - 080	QU	25	31	150
31	3	TO - 031	OR	22	31	83	81	4	TO - 081	QU	< 2	25	37
32	3	TO - 032	OR	15	17	50	82	4	TO - 082	QU	7	40	72
33	3	TO - 033	OR	8	10	25	83	4	TO - 083	QU	3	25	56
34	3	TO - 034	OR	4	10	44	84	4	TO - 084	QU	4	10	13
35	3	TO - 035	PLS	4	10	18	85	4	TO - 085	QU	6	25	14
36	3	TO - 036	PLS	10	10	24	86	4	TO - 086	QU	6	10	8
37	4	TO - 037	PLS	15	310	1,413	87	4	TO - 087	QU	< 2	< 5	7
38	4	TO - 038	PLS	24	46	1,180	88	4	TO - 088	QU	4	10	14
39	4	TO - 039	PLS	12	83	433	89	4	TO - 089	QU	< 2	< 5	3
40	4	TO - 040	OR	12	10	57	90	4	TO - 090	QU	< 2	25	21
41	4	TO - 041	OR	5	< 5	16	91	4	TO - 091	QU	< 2	25	10
42	4	TO - 042	OR	67	46	230	92	4	TO - 092	QU	4	28	54
43	4	TO - 043	OR	19	31	61	93	4	TO - 093	QU	< 2	21	19
44	4	TO - 044	OR	8	10	24	94	4	TO - 094	QU	7	31	45
45	4	TO - 045	OR	< 2	< 5	12	95	4	TO - 095	QU	< 2	21	25
46	3	TO - 046	OR	< 2	< 5	3	96	4	TO - 096	PSS	< 2	17	16
47	4	TO - 047	OR	< 2	< 5	< 2	97	4	TO - 097	PLS	9	17	50
48	4	TO - 048	OR	19	10	83	98	4	TO - 098	QU	12	21	77
49	3	TO - 049	OR	15	21	64	99	4	TO - 099	QU	7	10	20
50	4	TO - 050	MP	4	31	54	100	4	TO - 100	QU	6	21	63

(2)

Sample No.	Location	Sub (T) or Carbonate Rock (L.R.T.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Sub (T) or Carbonate Rock (L.R.T.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
101	6	TG - 101	FSS	9	390	1,765	151	1	TO - 155	OR	12	15	54
102	6	TG - 102	PDO	5	83	563	152	1	TO - 156	OR	5	37	28
103	6	TG - 103	PLS	4	115	2,460	153	1	TO - 157	CH	< 2	13	10
104	6	TG - 104	PLS	17	420	2,900	154	1	TO - 158	CH	12	13	32
105	6	TG - 105	PLS	19	460	1,030	155	1	TO - 159	CH	3	25	26
106	6	TG - 106	MP	10	400	350	156	1	TG - 160	PLS	5	25	33
107	7	TG - 107	FSS	5	50	74	157	1	TG - 161	PLS	8	44	148
108	7	TG - 108	FSS	4	31	24	158	1	TO - 162	PDO	8	50	133
109	9	TG - 109	FSS	4	10	9	159	1	TO - 163	PLS	3	13	20
110	9	TG - 110	FSS	4	17	20	160	1	TO - 164	PLS	4	40	51
111	9	TG - 111	FSS	3	31	24	161	1	TO - 165	PDO	5	1,170	1,385
112	9	TG - 112	FSS	4	46	17	162	1	TO - 167	PLS	12	13	64
113	9	TG - 113	FSS	< 2	< 5	3	163	1	TO - 168	OR	< 2	< 5	< 2
114	9	TG - 114	FSS	5	28	26	164	1	TO - 169	CH	< 2	< 5	3
115	9	TG - 115	FSS	< 2	14	6	165	1	TG - 170	CH	5	28	28
116	9	TG - 116	FSS	25	60	148	166	1	TO - 171	CH	17	41	68
117	9	TG - 117	PLS	7	10	98	167	1	TO - 172	CH	19	30	63
118	9	TG - 118	PLS	4	68	47	168	1	TO - 173	OR	20	25	75
119	9	TG - 120	PLS	20	115	43	169	1	TO - 174	OR	4	< 5	19
120	9	TG - 121	PDO	10	10	108	170	1	TO - 175	PLS	5	13	29
121	9	TG - 122	PDO	12	41	110	171	1	TG - 176	PDO	9	1,400	1,250
122	9	TG - 123	PDO	15	30	73	172	1	TG - 178	PLS	3	210	715
123	9	TG - 125	PLS	39	152	87	173	9	TG - 179	QU	5	13	62
124	9	TG - 126	PLS	25	44	333	174	9	TG - 180	QU	4	< 5	58
125	9	TG - 127	PDO	30	73	578	175	9	TG - 181	QU	15	37	75
126	9	TG - 128	PLS	29	165	840	176	9	TG - 182	PLS	9	25	87
127	9	TG - 129	CG	57	30	168	177	9	TG - 183	PLS	11	33	195
128	9	TG - 130	CG	25	13	8	178	9	TO - 184	PLS	15	13	88
129	9	TG - 131	CG	9	13	6	179	9	TO - 185	PLS	15	30	123
130	9	TG - 132	CG	47	15	11	180	9	TO - 187	PLS	< 2	13	37
131	9	TG - 133	CG	< 2	25	9	181	9	TO - 188	PLS	17	44	125
132	9	TG - 134	PLS	19	25	51	182	9	TO - 189	FSS	32	30	108
133	9	TO - 135	PDO	32	73	620	183	9	TG - 190	FSS	21	28	108
134	8	TG - 137	CG	< 2	13	5	184	11	TO - 191	QU	3	50	48
135	8	TG - 138	CG	< 2	< 5	5	185	11	TO - 192	QU	12	61	245
136	9	TG - 139	CG	< 2	< 5	5	186	11	TO - 193	QU	18	55	128
137	9	TG - 140	CG	< 2	13	9	187	11	TO - 194	QU	12	55	125
138	9	TO - 141	OR	< 2	< 5	9	188	11	TO - 195	QU	22	55	29
139	9	TO - 142	OR	< 2	< 5	4	189	11	TG - 196	PLS	8	50	173
140	9	TG - 143	PLS	12	41	42	190	11	TO - 197	PDO	6	61	245
141	9	TO - 144	PLS	19	73	99	191	11	TO - 198	PDO	< 2	< 5	56
142	9	TO - 145	PLS	3	55	148	192	11	TG - 199	PDO	12	79	115
143	9	TO - 146	PDO	15	97	553	193	11	TG - 201	PDO	14	87	23
144	9	TO - 147	PLS	< 2	37	520	194	12	TO - 202	PLS	17	61	38
145	9	TO - 148	PLS	4	79	1,110	195	12	TG - 203	PLS	20	53	17
146	9	TO - 149	PLS	9	48	870	196	12	TG - 204	PLS	18	67	28
147	9	TG - 150	PDO	9	70	915	197	12	TO - 205	PLS	12	82	40
148	1	TO - 152	PLS	12	82	90	198	12	TG - 206	OR	20	87	160
149	1	TO - 153	PLS	15	41	105	199	12	TG - 207	OR	10	85	44
150	1	TO - 154	PLS	33	122	240	200	12	TO - 208	OR	46	187	91

(3)

Sample No.	Location	Soil (T) or Carbonate Rock (L R Z)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Soil (T) or Carbonate Rock (L R Z)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
201	12	TO - 209	OR	5	30	98	251	10	TO - 262	PLS	< 2	78	231
202	12	TO - 210	OR	8	25	628	252	10	TO - 264	PLS	< 2	169	161
203	12	TO - 211	OR	12	30	143	253	10	TO - 265	PDO	8	1,000	5,825
204	12	TO - 212	QU	17	37	105	254	10	TO - 267	PDO	8	850	2,350
205	12	TO - 213	OR	3	< 5	97	255	10	TO - 268	PLS	< 2	20	36
206	12	TO - 214	OR	4	30	71	256	11	TO - 269	PSS	< 2	< 5	< 2
207	12	TO - 215	OR	8	61	41	257	13	TO - 270	CO	16	< 5	40
208	12	TO - 216	OR	5	13	40	258	13	TO - 271	CO	58	10	59
209	12	TO - 217	PLS	3	< 5	86	259	13	TO - 272	CO	4	< 5	24
210	19	TO - 218	QU	8	13	73	260	13	TO - 273	CO	5	10	30
211	19	TO - 219	MI	39	25	52	261	13	TO - 274	CO	8	15	26
212	19	TO - 220	MI	10	190	74	262	13	TO - 275	CO	5	< 5	16
213	19	TO - 221	QU	63	55	238	263	13	TO - 276	PLS	5	10	15
214	19	TO - 222	QU	39	55	120	264	13	TO - 277	PLS	21	39	124
215	19	TO - 223	PLS	25	37	5	265	13	TO - 279	PLS	14	34	58
216	19	TO - 224	MI	66	50	64	266	11	TO - 280	PSS	21	28	116
217	19	TO - 225	MI	8	13	91	267	11	TO - 281	PSS	18	550	134
218	19	TO - 226	MI	10	13	39	268	11	TO - 282	PSS	< 2	< 5	< 2
219	19	TO - 227	MI	3	18	29	269	11	TO - 283	PLS	4	250	810
220	18	TO - 228	MI	39	30	57	270	11	TO - 285	PDO	3	1,060	815
221	18	TO - 229	MP	17	18	14	271	11	TO - 287	PLS	19	169	245
222	18	TO - 230	MP	20	13	40	272	11	TO - 288	PLS	< 2	20	21
223	18	TO - 231	MP	8	< 5	50	273	11	TO - 289	PLS	< 2	< 5	< 2
224	18	TO - 232	MP	4	< 5	180	274	11	TO - 290	PLS	3	10	43
225	18	TO - 233	MP	< 2	< 5	210	275	10	TO - 291	PSS	10	127	1,195
226	18	TO - 234	MP	< 2	< 5	173	276	10	TO - 292	PLS	4	91	1,175
227	18	TO - 235	MP	13	13	193	277	10	TO - 294	PLS	< 2	138	515
228	18	TO - 236	MP	22	25	210	278	12	TO - 295	PLS	< 2	25	23
229	18	TO - 237	MI	5	13	220	279	12	TO - 296	QU	8	< 5	36
230	18	TO - 238	MI	18	25	480	280	12	TO - 297	PLS	5	15	26
231	18	TO - 239	MI	69	30	100	281	12	TO - 298	PLS	12	20	29
232	18	TO - 240	MI	78	67	205	282	12	TO - 299	OR	4	30	31
233	18	TO - 241	MI	38	30	95	283	12	TO - 300	OR	8	10	15
234	11	TO - 242	PSS	4	30	31	284	12	TO - 301	OR	3	10	20
235	10	TO - 243	PLS	34	25	88	285	12	TO - 302	QU	10	10	29
236	10	TO - 244	PLS	12	25	160	286	12	TO - 303	QU	3	30	55
237	10	TO - 245	PLS	10	25	103	287	12	TO - 304	PLS	28	62	293
238	10	TO - 246	PLS	< 2	25	77	288	12	TO - 305	PLS	3	10	74
239	10	TO - 247	PLS	25	28	68	289	11	TO - 306	PLS	28	34	314
240	10	TO - 248	PLS	8	25	28	290	11	TO - 307	PLS	24	15	188
241	10	TO - 250	PLS	< 2	33	41	291	11	TO - 308	PLS	10	20	153
242	10	TO - 252	PDO	< 2	< 5	< 2	292	11	TO - 309	PLS	22	130	610
243	11	TO - 253	PLS	< 2	39	< 2	293	12	TO - 310	QU	8	10	39
244	11	TO - 254	PLS	< 2	10	81	294	12	TO - 311	QU	5	15	55
245	11	TO - 255	PLS	< 2	50	695	295	12	TO - 312	QU	5	< 5	23
246	11	TO - 256	PLS	15	20	125	296	12	TO - 313	OR	15	10	46
247	11	TO - 257	PLS	< 2	10	20	297	12	TO - 314	OR	4	10	23
248	11	TO - 258	PLS	< 2	65	585	298	12	TO - 315	OR	< 2	10	45
249	10	TO - 260	CO	4	28	70	299	12	TO - 316	OR	4	10	19
250	10	TO - 261	PLS	10	68	136	300	12	TO - 317	PLS	4	20	31

(4)

Sample No.	Location	Soil (T) or Carbonate Rock (L.R.Z.)	Geological Unit	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Soil (T) or Carbonate Rock (L.R.Z.)	Geological Unit	Cu (ppm)	Pb (ppm)	Zn (ppm)
301	12	TG - 318	OR	15	10	44	351	15	TO - 375	CH	7	< 5	31
302	12	TG - 319	PLS	8	5	42	352	15	TO - 377	CH	27	20	93
303	12	TG - 320	QU	5	< 5	31	353	15	TO - 392	CH	10	10	62
304	12	TG - 321	QU	11	< 5	50	354	15	TO - 393	CH	23	10	56
305	12	TG - 322	OR	< 2	< 5	< 2	355	15	TO - 394	CH	23	10	39
306	12	TG - 323	OR	< 2	< 5	< 2	356	15	TO - 395	CH	8	< 5	24
307	11	TG - 324	PDO	35	69	80	357	15	TO - 396	CH	13	< 5	14
308	11	TG - 325	PDO	12	37	49	358	15	TO - 397	CH	14	< 5	30
309	9	TG - 327	PDO	33	93	50	359	15	TO - 398	OR	< 2	< 5	< 2
310	9	TG - 328	PDO	28	50	54	360	15	TO - 399	CH	8	< 5	43
311	9	TG - 329	QU	21	37	25	361	15	TO - 400	CH	15	20	88
312	9	TG - 331	QU	28	60	60	362	15	TO - 401	CH	14	< 5	45
313	9	TG - 332	QU	11	< 5	61	363	15	TO - 402	CH	7	< 5	25
314	9	TG - 333	QU	11	< 5	95	364	15	TO - 403	CH	19	30	96
315	9	TG - 334	QU	33	< 5	93	365	15	TO - 404	CH	14	33	75
316	14	TG - 335	FSS	15	< 5	105	366	15	TO - 405	OR	23	20	50
317	14	TG - 336	PLS	15	< 5	99	367	15	TO - 406	OR	12	33	70
318	14	TG - 337	PLS	15	25	341	368	15	TO - 407	OR	12	33	55
319	14	TG - 338	PLS	18	25	383	369	15	TO - 408	OR	12	39	53
320	14	TG - 339	PLS	18	10	185	370	15	TO - 409	OR	14	33	83
321	14	TG - 340	PLS	4	< 5	54	371	15	TO - 410	OR	10	33	80
322	14	TG - 342	PLS	4	10	403	372	15	TO - 411	OR	14	< 5	21
323	14	TG - 343	PLS	15	< 5	825	373	15	TO - 412	CH	14	< 5	25
324	14	TG - 344	PLS	5	< 5	93	374	15	TO - 413	CH	14	< 5	24
325	14	TG - 345	PLS	4	< 5	15	375	15	TO - 414	CH	8	10	28
326	14	TG - 346	PDO	< 2	< 5	11	376	15	TO - 415	CH	14	30	29
327	14	TG - 347	PLS	24	10	175	377	15	TO - 416	CH	15	25	49
328	14	TG - 348	PLS	< 2	< 5	14	378	15	TO - 417	CH	< 2	< 5	20
329	14	TG - 349	PLS	< 2	< 5	11	379	16	TO - 418	CH	23	60	110
330	14	TG - 350	PLS	10	< 5	31	380	16	TO - 419	CH	8	20	59
331	14	TG - 351	PLS	< 2	< 5	28	381	16	TO - 420	CH	40	30	130
332	14	TG - 352	PLS	10	< 5	96	382	16	TO - 421	CH	14	< 5	40
333	14	TG - 353	PLS	23	15	65	383	16	TO - 422	CH	23	< 5	41
334	14	TG - 354	PLS	< 2	< 5	54	384	16	TO - 423	CH	8	< 5	30
335	14	TG - 355	PLS	< 2	< 5	11	385	16	TO - 424	CH	23	< 5	34
336	14	TG - 356	PLS	< 2	< 5	17	386	16	TO - 425	CH	< 2	< 5	13
337	16	TG - 358	PLS	14	62	328	387	16	TO - 426	CH	23	10	28
338	16	TG - 359	PDO	5	93	102	388	16	TO - 427	CH	12	13	58
339	16	TG - 361	PLS	18	41	51	389	16	TO - 428	CH	9	10	40
340	16	TG - 362	PDO	< 2	36	109	390	16	TO - 429	CH	9	38	65
341	16	TG - 364	PLS	3	< 5	< 2	391	16	TO - 430	CH	15	325	225
342	16	TG - 365	PDO	14	167	3,775	392	16	TO - 431	CH	16	10	63
343	15	TO - 367	CH	10	< 5	29	393	16	TO - 432	CH	15	10	46
344	15	TO - 368	CH	8	< 5	54	394	16	TO - 434	ME	23	10	75
345	15	TO - 369	CH	3	< 5	15	395	16	TO - 436	ME	75	< 5	19
346	15	TO - 370	CH	11	< 5	29	396	16	TO - 438	ME	12	10	53
347	15	TO - 371	CH	< 2	< 5	13	397	16	TO - 440	ME	4	< 5	43
348	15	TO - 372	CH	6	< 5	59	398	16	TO - 442	ME	17	< 5	51
349	15	TO - 373	CH	5	< 5	42	399	19	TO - 444	PLS	28	< 5	73
350	15	TO - 374	CH	12	< 5	32	400	19	TO - 445	PLS	41	30	95

(5)

Sample No.	Location	Site ID or Cathodic Risk (L R Z)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Site ID or Cathodic Risk (L R Z)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
401	19	TG - 446	PLS	33	< 5	96	451	6	TH - 040	PSS	8	140	320
402	19	TG - 447	PLS	37	< 5	106	452	6	TH - 041	PSS	< 2	50	41
403	19	TG - 448	PLS	11	< 5	80	453	6	TH - 042	PSS	21	360	1,550
404	19	TG - 449	PLS	48	30	107	454	6	TH - 043	PSS	34	720	3,075
405	19	TG - 450	PLS	8	10	34	455	6	TH - 044	PSS	38	320	3,925
406	19	TG - 451	QU	39	30	93	456	6	TH - 045	PSS	6	33	160
407	19	TG - 452	MD	25	65	200	457	6	TH - 046	PSS	< 2	13	51
408	19	TG - 453	QU	43	38	112	458	6	TH - 047	PLS	16	73	205
409	19	TG - 454	QU	44	103	700	459	6	TH - 048	PLS	9	65	156
410	19	TG - 455	PLS	30	88	610	460	6	TH - 049	PLS	10	190	555
411	19	TG - 456	PLS	8	53	87	461	6	TH - 050	PLS	29	180	920
412	19	TG - 457	PLS	10	88	373	462	6	TH - 052	PLS	15	283	780
413	19	TG - 458	PDO	29	86	375	463	6	TH - 053	PLS	14	73	490
414	19	TG - 459	PDO	22	76	270	464	6	TH - 054	PLS	23	33	210
415	7	TH - 001	PSS	14	8	240	465	4	TH - 055	PLS	10	50	125
416	7	TH - 002	PLS	6	8	223	466	7	TH - 056	PSS	9	25	328
417	7	TH - 003	PLS	< 2	38	179	467	7	TH - 057	PSS	28	105	670
418	7	TH - 004	PLS	< 2	50	425	468	7	TH - 058	PSS	21	< 5	180
419	7	TH - 005	PDO	9	780	3,025	469	7	TH - 059	PSS	12	< 5	175
420	7	TH - 007	PDO	8	750	2,350	470	7	TH - 060	PSS	18	33	138
421	7	TH - 008	PLS	4	123	1,100	471	7	TH - 061	PSS	31	75	86
422	7	TH - 009	PLS	4	78	333	472	7	TH - 062	PSS	36	40	475
423	7	TH - 010	PLS	5	195	1,160	473	7	TH - 064	PSS	21	25	275
424	7	TH - 012	PLS	11	148	448	474	7	TH - 065	PLS	20	50	480
425	7	TH - 013	PDO	16	695	3,700	475	7	TH - 066	PLS	33	50	245
426	7	TH - 014	PLS	18	358	2,100	476	7	TH - 067	PLS	24	25	145
427	7	TH - 015	PLS	11	25	258	477	7	TH - 068	PLS	29	30	298
428	7	TH - 016	QU	12	95	860	478	7	TH - 069	PLS	12	50	560
429	4	TH - 017	PDO	37	123	438	479	7	TH - 070	PLS	7	< 5	160
430	4	TH - 019	PDO	12	85	79	480	7	TH - 071	PLS	22	< 5	285
431	4	TH - 020	PDO	20	30	100	481	7	TH - 072	PLS	16	38	795
432	4	TH - 021	PLS	10	8	41	482	7	TH - 073	PLS	9	13	85
433	6	TH - 022	PLS	< 2	8	34	483	7	TH - 074	PLS	21	13	450
434	6	TH - 023	PDO	11	845	3,425	484	7	TH - 075	PLS	25	25	290
435	7	TH - 024	PDO	36	6,000	5,200	485	7	TH - 076	PLS	15	65	1,190
436	7	TH - 025	PDO	< 2	357	1,265	486	7	TH - 078	PDO	15	140	625
437	7	TH - 026	PLS	10	106	1,095	487	7	TH - 079	PLS	9	128	1,360
438	7	TH - 027	PLS	16	90	705	488	7	TH - 080	PLS	24	150	1,365
439	7	TH - 028	PLS	16	110	765	489	7	TH - 082	QU	33	253	1,350
440	7	TH - 029	PLS	27	50	283	490	7	TH - 083	QU	11	180	850
441	7	TH - 030	PLS	15	28	138	491	7	TH - 084	PLS	4	450	1,040
442	7	TH - 031	QU	< 2	75	230	492	6	TH - 085	PLS	11	245	530
443	7	TH - 032	QU	25	120	1,105	493	6	TH - 086	PLS	57	25	77
444	7	TH - 033	QU	19	76	450	494	6	TH - 087	PSS	18	68	330
445	7	TH - 034	QU	13	45	570	495	6	TH - 088	PSS	93	68	180
446	7	TH - 035	PLS	15	33	340	496	6	TH - 089	PSS	11	193	371
447	7	TH - 036	PLS	41	28	540	497	6	TH - 090	PSS	97	33	25
448	5	TH - 037	PLS	25	25	350	498	6	TH - 091	PSS	18	200	670
449	5	TH - 038	PLS	11	13	80	499	6	TH - 092	PSS	24	168	1,270
450	4	TH - 039	PLS	22	25	119	500	6	TH - 093	PDO	3	350	338

(6)

Sample No.	Location	S-T (T) or Carbonate Rock (L.R.F.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
501	6	TH - 091	PDO	75	980	3,500
502	6	TH - 095	PLS	14	213	610
503	6	TH - 096	PLS	9	225	1,175
504	6	TH - 097	PLS	47	2,675	12,600
505	6	TH - 098	MP	< 2	45	114
506	9	TH - 099	PLS	67	63	340
507	9	TH - 101	PDO	5	95	875
508	9	TH - 102	PDO	23	45	280
509	9	TH - 104	PDO	26	93	550
510	9	TH - 105	PDO	22	83	350
511	9	TH - 106	PDO	18	< 5	32
512	9	TH - 107	PLS	51	25	150
513	8	TH - 108	CO	9	< 5	5
514	8	TH - 109	QU	< 2	< 5	34
515	8	TH - 110	QU	< 2	< 5	7
516	8	TH - 111	QU	< 2	13	39
517	8	TH - 112	PSS	< 2	20	31
518	8	TH - 113	PSS	27	420	2,650
519	8	TH - 114	PSS	17	940	1,975
520	8	TH - 115	PLS	42	2,325	8,200
521	8	TH - 116	PLS	3	358	430
522	8	TH - 117	PLS	36	1,200	4,075
523	8	TH - 118	PLS	< 2	700	325
524	8	TH - 119	PLS	< 2	103	60
525	8	TH - 120	PLS	21	305	1,325
526	8	TH - 121	PSS	12	233	1,430
527	6	TH - 122	PDO	40	400	2,825
528	6	TH - 125	PDO	52	138	2,575
529	6	TH - 127	PLS	56	670	4,625
530	6	TH - 128	PLS	21	3,250	1,170
531	6	TH - 129	PLS	53	3,350	2,300
532	6	TH - 130	PLS	6	1,125	2,575
533	6	TH - 132	MP	6	720	705
534	6	TH - 133	MP	< 2	65	285
535	6	TH - 134	MP	7	483	990
536	6	TH - 135	MP	8	90	360
537	6	TH - 136	MP	< 2	258	1,005
538	8	TH - 137	MP	< 2	168	440
539	8	TH - 138	MP	< 2	50	52
540	8	TH - 139	MP	< 2	50	150
541	8	TH - 140	MP	< 2	338	375
542	8	TH - 141	MP	< 2	< 5	62
543	8	TH - 142	MP	< 2	58	32
544	8	TH - 143	MP	3	70	100
545	8	TH - 144	MP	< 2	138	300
546	8	TH - 145	MP	13	355	180
547	8	TH - 150	TV	6	368	2,750
548	8	TH - 151	PLS	6	950	3,850
549	8	TH - 153	PLS	25	890	21,600
550	8	TH - 155	PLS	17	930	4,800

Sample No.	Location	S-T (T) or Carbonate Rock (L.R.F.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
551	8	TH - 156	PLS	62	2,475	7,800
552	8	TH - 157	PLS	55	1,850	13,600
553	6	TH - 159	PLS	50	710	23,200
554	8	TH - 161	PLS	26	490	3,625
555	8	TH - 162	PLS	21	185	790
556	8	TH - 164	PSS	10	53	105
557	8	TH - 165	MP	< 2	135	175
558	8	TH - 167	MP	< 2	< 5	10
559	8	TH - 168	PLS	10	980	3,775
560	9	TH - 170	PDO	23	123	105
561	9	TH - 172	PLS	11	45	185
562	9	TH - 173	PSS	30	40	205
563	9	TH - 174	PLS	7	95	1,100
564	9	TH - 175	PLS	23	65	470
565	9	TH - 176	PLS	27	50	360
566	9	TH - 177	PLS	18	25	315
567	9	TH - 178	PLS	31	75	1,140
568	9	TH - 180	PDO	9	< 5	63
569	9	TH - 181	PLS	19	65	123
570	9	TH - 182	PSS	35	70	115
571	9	TH - 183	PSS	31	13	353
572	9	TH - 184	PSS	26	88	200
573	9	TH - 185	PLS	14	25	120
574	9	TH - 186	PLS	9	13	90
575	2	TH - 188	PLS	< 2	18	148
576	2	TH - 190	PDO	14	155	775
577	2	TH - 191	PLS	7	33	168
578	2	TH - 192	PLS	8	18	100
579	2	TH - 193	PLS	< 2	< 5	39
580	2	TH - 194	OR	< 2	< 5	< 2
581	2	TH - 195	OR	7	30	5
582	2	TH - 197	CH	< 2	< 5	23
583	2	TH - 198	CH	4	13	38
584	2	TH - 199	CH	4	33	83
585	2	TH - 201	CH	16	30	115
586	2	TH - 202	OR	23	25	50
587	2	TH - 203	OR	16	< 5	31
588	2	TH - 204	PLS	11	13	66
589	2	TH - 205	PLS	8	13	153
590	2	TH - 206	PLS	< 2	13	91
591	2	TH - 207	PDO	< 2	< 5	< 2
592	2	TH - 208	PDO	6	13	175
593	2	TH - 209	PDO	13	115	630
594	2	TH - 210	PLS	12	60	520
595	2	TH - 212	PDO	8	115	965
596	2	TH - 213	PDO	5	230	935
597	2	TH - 215	PLS	11	79	445
598	2	TH - 216	PLS	6	150	510
599	2	TH - 217	PLS	12	230	570
600	2	TH - 222	QU	14	70	143

Sample No.	Location	S-B (T) or Carbonate Rock (R.F.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
601	2	TH - 224	QU	20	40	258
602	2	TH - 225	QU	17	13	93
603	2	TH - 226	QU	5	35	41
604	2	TH - 227	QU	< 2	< 5	< 2
605	2	TH - 228	QU	10	< 5	34
606	2	TH - 229	QU	5	< 5	10
607	2	TH - 230	QU	5	< 5	12
608	9	TH - 231	PDO	27	30	405
609	9	TH - 232	PLS	5	< 5	56
610	9	TH - 233	PLS	37	28	343
611	9	TH - 234	PLS	10	25	200
612	9	TH - 235	PLS	7	13	65
613	9	TH - 236	PLS	8	13	180
614	9	TH - 237	PSS	< 2	13	10
615	9	TH - 239	PLS	12	98	520
616	9	TH - 240	PLS	< 2	< 5	< 2
617	8	TH - 241	OR	< 2	< 5	12
618	8	TH - 242	OR	< 2	< 5	6
619	8	TH - 243	OR	< 2	< 5	3
620	8	TH - 244	OR	< 2	< 5	3
621	8	TH - 245	OR	< 2	< 5	6
622	8	TH - 246	OR	29	35	279
623	8	TH - 247	OR	< 2	< 5	3
624	8	TH - 248	OR	34	30	158
625	8	TH - 249	TV	11	78	87
626	8	TH - 250	TV	17	30	168
627	8	TH - 251	PLS	< 2	100	29
628	8	TH - 252	PLS	< 2	13	< 2
629	8	TH - 255	PLS	< 2	47	9
630	8	TH - 256	PLS	5	425	212
631	8	TH - 258	PLS	8	780	192
632	11	TH - 259	PLS	< 2	< 5	66
633	9	TH - 262	PDO	28	52	745
634	9	TH - 263	PLS	< 2	< 5	46
635	18	TH - 264	PLS	32	750	1,025
636	18	TH - 265	PLS	20	325	352
637	18	TH - 266	PLS	54	53	196
638	18	TH - 267	PLS	31	190	310
639	18	TH - 268	MI	5	13	24
640	18	TH - 269	MI	23	65	139
641	18	TH - 270	MI	20	98	244
642	18	TH - 271	MI	15	38	64
643	18	TH - 272	MI	69	55	136
644	18	TH - 273	MI	36	385	354
645	18	TH - 274	MI	138	155	61
646	18	TH - 275	MI	57	35	32
647	18	TH - 276	MI	49	13	72
648	18	TH - 277	MI	9	< 5	18
649	9	TH - 278	PLS	14	25	139
650	9	TH - 279	PLS	< 2	< 5	3

Sample No.	Location	S-B (T) or Carbonate Rock (R.F.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
651	9	TH - 280	PSS	< 2	< 5	3
652	8	TH - 281	OR	< 2	< 5	3
653	8	TH - 282	OR	< 2	< 5	28
654	8	TH - 283	OR	< 2	< 5	17
655	8	TH - 284	OR	35	41	109
656	8	TH - 285	OR	< 2	< 5	4
657	8	TH - 286	OR	< 2	< 5	3
658	8	TH - 287	OR	< 2	< 5	14
659	8	TH - 288	OR	< 2	< 5	< 2
660	8	TH - 289	OR	< 2	< 5	6
661	8	TH - 290	OR	6	13	12
662	10	TH - 291	OR	< 2	13	12
663	9	TH - 293	PDO	18	20	220
664	9	TH - 294	PLS	19	13	50
665	9	TH - 295	PLS	< 2	15	10
666	11	TH - 296	PLS	< 2	15	6
667	11	TH - 297	PLS	20	13	67
668	11	TH - 298	PLS	6	< 5	14
669	11	TH - 302	PLS	18	15	259
670	11	TH - 304	PLS	18	1,975	2,820
671	11	TH - 305	PSS	< 2	200	14
672	11	TH - 306	PLS	< 2	295	32
673	11	TH - 307	PDO	< 2	425	106
674	11	TH - 308	PLS	22	15	515
675	14	TH - 309	PDO	7	28	545
676	10	TH - 311	PLS	8	140	445
677	10	TH - 312	PLS	< 2	39	228
678	10	TH - 313	OO	< 2	< 5	14
679	10	TH - 314	OO	< 2	< 5	19
680	10	TH - 315	OO	< 2	< 5	17
681	10	TH - 316	OO	39	28	182
682	10	TH - 317	OO	9	< 5	31
683	10	TH - 318	OO	< 2	< 5	22
684	10	TH - 319	OO	9	< 5	48
685	10	TH - 320	OO	6	< 5	31
686	10	TH - 321	OO	< 2	< 5	13
687	10	TH - 322	OO	13	15	84
688	11	TH - 324	PLS	11	220	203
689	11	TH - 325	PLS	15	150	1,230
690	11	TH - 327	PLS	9	530	1,900
691	11	TH - 330	PLS	28	15	269
692	11	TH - 331	PDO	12	45	49
693	11	TH - 334	PDO	9	30	47
694	11	TH - 336	PLS	13	38	96
695	11	TH - 337	PLS	22	25	372
696	11	TH - 339	PDO	11	13	111
697	11	TH - 341	PLS	23	15	208
698	11	TH - 342	PSS	6	13	14
699	11	TH - 343	PSS	11	38	18
700	11	TH - 345	PSS	< 2	< 5	< 2

(8)

Sample No.	Location	Soil (T) or Carbonate Rock (L.R.Z.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Soil (T) or Carbonate Rock (L.R.Z.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
701	12	TH - 347	PLS	15	15	80	751	16	TH - 413	ME	14	< 5	62
702	12	TH - 348	PLS	30	58	143	752	16	TH - 414	ME	14	15	61
703	12	TH - 349	PLS	32	30	87	753	16	TH - 415	ME	8	< 5	20
704	12	TH - 350	TM	150	25	102	754	16	TH - 416	ME	14	18	33
705	12	TH - 351	TM	34	55	162	755	16	TH - 417	CH	18	18	68
706	12	TH - 352	PLS	106	20	119	756	16	TH - 418	CH	9	< 5	12
707	12	TH - 353	PLS	20	25	74	757	16	TH - 419	CH	9	< 5	20
708	12	TH - 354	PLS	69	15	93	758	16	TH - 420	CH	4	< 5	3
709	15	TH - 356	TM	26	15	78	759	16	TH - 421	CH	5	< 5	12
710	15	TH - 357	TM	18	13	39	760	16	TH - 423	CH	14	13	86
711	15	TH - 358	TM	31	63	162	761	16	TH - 425	CH	28	18	28
712	15	TH - 360	PLS	21	55	307	762	16	TH - 427	ME	13	< 5	73
713	12	TH - 361	PLS	12	15	63	763	16	TH - 429	ME	34	28	303
714	12	TH - 362	PLS	6	13	22	764	16	TH - 431	ME	18	13	65
715	12	TH - 363	PLS	5	30	118	765	16	TH - 432	ME	18	18	185
716	12	TH - 364	PLS	20	55	161	766	16	TH - 433	CH	14	53	640
717	15	TH - 365	PLS	17	13	101	767	16	TH - 434	CH	16	28	458
718	15	TH - 366	PLS	18	63	198	768	16	TH - 435	CH	10	8	158
719	15	TH - 368	PLS	21	25	345	769	16	TH - 436	CH	15	8	153
720	15	TH - 370	PLS	17	30	271	770	16	TH - 437	CH	12	23	205
721	15	TH - 371	PLS	16	25	198	771	16	TH - 438	CH	5	8	73
722	15	TH - 372	PLS	29	28	78	772	16	TH - 439	CH	14	8	245
723	15	TH - 374	PLS	7	145	196	773	16	TH - 440	PLS	13	10	63
724	15	TH - 375	CH	29	100	104	774	18	TH - 441	MI	41	10	23
725	15	TH - 376	CH	16	150	66	775	18	TH - 442	MI	28	35	28
726	14	TH - 377	PLS	7	82	201	776	18	TH - 443	MI	20	13	60
727	14	TH - 378	PSS	4	< 5	48	777	18	TH - 444	MI	46	115	306
728	14	TH - 379	PLS	18	63	262	778	18	TH - 445	MI	12	13	43
729	14	TH - 381	PLS	9	28	78	779	18	TH - 446	MI	16	18	65
730	14	TH - 382	PLS	< 2	28	263	780	18	TH - 447	MI	< 2	13	13
731	14	TH - 383	PDO	9	20	30	781	18	TH - 448	MI	10	8	38
732	14	TH - 384	PLS	4	25	197	782	18	TH - 449	MI	34	23	128
733	14	TH - 385	PSS	18	100	363	783	18	TH - 450	MP	45	13	38
734	14	TH - 386	PLS	4	125	505	784	4	TI - 001	PLS	17	25	83
735	14	TH - 391	PSS	< 2	< 5	14	785	4	TI - 002	PLS	4	< 5	38
736	14	TH - 392	PSS	6	< 5	27	786	4	TI - 003	PLS	< 2	65	73
737	14	TH - 394	PLS	19	13	163	787	4	TI - 004	PLS	< 2	13	20
738	14	TH - 395	PDO	23	33	185	788	4	TI - 005	PLS	11	13	73
739	14	TH - 397	PLS	17	106	98	789	4	TI - 006	PLS	15	33	93
740	14	TH - 398	PLS	15	13	121	790	4	TI - 007	PLS	< 2	< 5	< 2
741	14	TH - 400	PLS	3	38	20	791	4	TI - 008	OR	5	< 5	23
742	14	TH - 401	PLS	< 2	38	162	792	4	TI - 009	OR	< 2	< 5	< 2
743	14	TH - 403	PLS	15	28	181	793	4	TI - 010	OR	5	< 5	< 2
744	16	TH - 405	PDO	11	47	244	794	4	TI - 011	PLS	12	50	90
745	16	TH - 406	PLS	23	15	259	795	4	TI - 012	PLS	21	33	68
746	16	TH - 407	PLS	12	13	286	796	4	TI - 013	OR	< 2	13	13
747	16	TH - 408	PLS	13	15	40	797	4	TI - 014	PLS	7	20	23
748	16	TH - 410	PSS	11	93	131	798	4	TI - 015	OR	12	25	90
749	16	TH - 411	PSS	7	< 5	66	799	4	TI - 016	QU	< 2	13	< 2
750	16	TH - 412	ME	13	< 5	56	800	4	TI - 017	QU	17	< 5	75

(9)

Sample No.	Location	S-1 (T) or Carbonate Rock (L & T)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	S-1 (T) or Carbonate Rock (L & T)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
801	4	T1 - 018	QU	22	< 5	70	851	4	T1 - 068	QU	< 2	13	48
802	4	T1 - 019	PLS	26	75	68	852	4	T1 - 069	PLS	3	23	15
803	4	T1 - 020	QU	43	13	90	853	4	T1 - 070	PLS	23	380	385
804	4	T1 - 021	QU	32	13	78	854	4	T1 - 071	PLS	5	10	18
805	4	T1 - 022	QU	11	36	33	855	4	T1 - 072	PLS	21	13	20
806	4	T1 - 023	QU	27	18	118	856	4	T1 - 073	MP	< 2	143	98
807	4	T1 - 024	QU	15	< 5	78	857	4	T1 - 074	MP	< 2	8	10
808	4	T1 - 025	PLS	< 2	< 5	< 2	858	4	T1 - 075	MP	< 2	13	10
809	4	T1 - 026	PLS	7	63	< 2	859	4	T1 - 076	MP	< 2	< 5	10
810	4	T1 - 027	PLS	3	33	< 2	860	4	T1 - 077	MP	< 2	< 5	5
811	4	T1 - 028	PLS	< 2	< 5	< 2	861	4	T1 - 078	PSS	< 2	< 5	8
812	4	T1 - 029	PLS	18	75	33	862	4	T1 - 080	PLS	17	33	53
813	4	T1 - 030	PLS	10	25	10	863	4	T1 - 081	PLS	5	10	15
814	4	T1 - 031	PLS	26	38	28	864	4	T1 - 082	PLS	5	13	20
815	4	T1 - 032	QU	5	< 5	10	865	4	T1 - 083	QU	8	18	50
816	4	T1 - 033	QU	< 2	< 5	< 2	866	4	T1 - 084	QU	3	10	18
817	4	T1 - 034	QU	< 2	< 5	< 2	867	4	T1 - 085	QU	8	25	65
818	4	T1 - 035	QU	6	< 5	28	868	4	T1 - 086	QU	4	28	123
819	4	T1 - 036	QU	3	< 5	< 2	869	4	T1 - 087	PLS	< 2	10	20
820	4	T1 - 037	QU	< 2	< 5	< 2	870	4	T1 - 088	PLS	< 2	13	35
821	4	T1 - 038	QU	40	< 5	87	871	4	T1 - 089	PDO	7	420	790
822	4	T1 - 039	PLS	52	< 5	86	872	4	T1 - 090	PDO	20	230	1,020
823	4	T1 - 040	QU	35	< 5	76	873	4	T1 - 092	PLS	25	553	1,020
824	4	T1 - 041	OR	14	< 5	13	874	4	T1 - 093	PLS	30	28	113
825	4	T1 - 042	OR	9	< 5	15	875	4	T1 - 094	PDO	47	568	1,460
826	4	T1 - 043	OR	< 2	< 5	10	876	4	T1 - 095	PDO	63	700	2,380
827	4	T1 - 044	OR	10	8	15	877	4	T1 - 096	PDO	10	70	175
828	4	T1 - 045	OR	< 2	8	3	878	4	T1 - 097	PDO	162	1,870	930
829	4	T1 - 046	OR	< 2	18	20	879	4	T1 - 098	PDO	4	410	1,140
830	4	T1 - 047	PSS	< 2	< 5	3	880	4	T1 - 099	QU	23	165	575
831	4	T1 - 048	PLS	9	8	30	881	4	T1 - 100	QU	25	120	535
832	4	T1 - 049	PLS	5	45	108	882	4	T1 - 101	QU	13	93	303
833	4	T1 - 050	PLS	54	80	455	883	4	T1 - 102	QU	6	130	428
834	4	T1 - 051	QU	17	50	100	884	6	T1 - 103	MP	31	63	343
835	4	T1 - 052	QU	10	10	68	885	6	T1 - 104	MP	26	245	465
836	4	T1 - 053	QU	40	13	80	886	6	T1 - 105	MP	40	343	1,105
837	4	T1 - 054	QU	31	18	68	887	6	T1 - 106	MP	21	143	390
838	4	T1 - 055	QU	9	8	49	888	6	T1 - 107	MP	40	78	310
839	4	T1 - 056	QU	16	25	220	889	6	T1 - 108	MP	9	38	73
840	4	T1 - 057	PSS	5	13	150	890	6	T1 - 109	MP	< 2	28	68
841	4	T1 - 058	PLS	5	10	70	891	7	T1 - 110	PDO	10	258	3,880
842	4	T1 - 059	PLS	18	60	90	892	7	T1 - 111	PLS	10	78	1,485
843	4	T1 - 060	QU	16	40	163	893	7	T1 - 112	PLS	7	123	1,485
844	4	T1 - 061	QU	10	35	35	894	7	T1 - 113	PLS	15	168	1,900
845	4	T1 - 062	QU	< 2	< 5	3	895	7	T1 - 114	PLS	3	115	1,800
846	4	T1 - 063	QU	8	18	33	896	7	T1 - 115	PLS	3	75	720
847	4	T1 - 064	MP	< 2	18	23	897	7	T1 - 116	QU	11	13	98
848	4	T1 - 065	MP	< 2	28	43	898	7	T1 - 117	PDO	14	245	670
849	4	T1 - 066	MP	< 2	28	40	899	7	T1 - 118	PLS	19	78	60
850	4	T1 - 067	QU	5	18	73	900	7	T1 - 119	PLS	24	63	73

Sample No.	Location	S-E (T) or Carbonate Rock (L R Z)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	S-E (T) or Carbonate Rock (L R Z)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
901	9	TI - 120	PLS	14	35	26	951	1	TI - 171	OR	22	88	185
902	9	TI - 121	PLS	11	10	43	952	1	TI - 172	PSS	< 2	23	8
903	9	TI - 122	PLS	40	35	150	953	1	TI - 173	OR	< 2	< 5	5
904	9	TI - 123	PLS	17	13	93	954	1	TI - 174	CH	15	10	15
905	9	TI - 124	PLS	16	8	138	955	1	TI - 175	CH	10	10	25
906	9	TI - 125	PLS	38	35	375	956	1	TI - 177	CH	10	10	48
907	9	TI - 126	PLS	18	43	153	957	1	TI - 179	CH	10	10	38
908	9	TI - 127	PLS	15	18	63	958	1	TI - 180	CH	8	10	40
909	9	TI - 128	PLS	28	68	83	959	1	TI - 181	CH	9	18	58
910	9	TI - 129	PLS	22	10	133	960	1	TI - 182	CH	9	8	40
911	9	TI - 130	PLS	17	28	90	961	1	TI - 183	CH	8	18	28
912	7	TI - 131	PLS	21	103	1,120	962	1	TI - 184	CH	12	13	68
913	7	TI - 132	PLS	18	50	915	963	9	TI - 193	PDO	15	18	95
914	7	TI - 133	PDO	68	43	120	964	9	TI - 194	PDO	9	18	50
915	7	TI - 134	PLS	7	138	1,560	965	9	TI - 195	PDO	9	23	63
916	7	TI - 135	PLS	6	108	1,330	966	9	TI - 196	PDO	14	18	105
917	7	TI - 136	PLS	< 2	43	560	967	9	TI - 197	PDO	23	23	195
918	7	TI - 137	PLS	5	63	280	968	9	TI - 198	PLS	13	15	40
919	9	TI - 138	PDO	25	75	90	969	9	TI - 199	QU	30	38	110
920	9	TI - 139	PLS	9	35	18	970	9	TI - 200	PDO	29	83	18
921	9	TI - 140	PLS	< 2	< 5	< 2	971	9	TI - 201	PDO	21	33	65
922	9	TI - 141	PSS	< 2	< 5	< 2	972	9	TI - 202	QU	8	20	45
923	9	TI - 142	PSS	< 2	< 5	< 2	973	9	TI - 203	QU	8	33	33
924	9	TI - 143	QU	9	10	55	974	9	TI - 204	QU	4	8	38
925	9	TI - 144	QU	8	10	55	975	9	TI - 205	QU	9	18	70
926	9	TI - 145	QU	11	18	63	976	10	TI - 206	PDO	30	58	73
927	9	TI - 146	PLS	10	18	128	977	10	TI - 207	QU	14	75	55
928	9	TI - 147	PLS	7	8	63	978	10	TI - 208	QU	23	70	50
929	9	TI - 148	PLS	15	18	90	979	10	TI - 209	PDO	5	48	10
930	9	TI - 149	PLS	3	8	30	980	10	TI - 210	PDO	12	58	18
931	9	TI - 150	PSS	12	10	58	981	10	TI - 211	PDO	6	58	48
932	9	TI - 151	PSS	20	20	63	982	10	TI - 212	PDO	9	58	48
933	9	TI - 152	PLS	7	40	128	983	10	TI - 213	PDO	8	40	20
934	9	TI - 153	PLS	< 2	< 5	5	984	10	TI - 214	PDO	9	48	20
935	9	TI - 154	PLS	< 2	< 5	3	985	10	TI - 215	PDO	12	78	55
936	9	TI - 155	PSS	17	18	18	986	10	TI - 216	QU	7	< 5	53
937	9	TI - 156	PSS	18	18	53	987	10	TI - 217	QU	6	15	93
938	9	TI - 157	PSS	< 2	10	10	988	10	TI - 218	QU	11	10	83
939	9	TI - 158	PSS	7	10	55	989	10	TI - 219	QU	< 2	< 5	< 2
940	9	TI - 159	PSS	7	70	43	990	10	TI - 220	PLS	33	33	108
941	9	TI - 160	PSS	3	63	33	991	10	TI - 221	PLS	27	20	110
942	9	TI - 161	PSS	15	48	53	992	10	TI - 222	PLS	17	18	98
943	1	TI - 163	PLS	15	255	353	993	10	TI - 223	PLS	27	25	108
944	1	TI - 164	PLS	24	1,150	705	994	10	TI - 224	PLS	10	< 5	58
945	1	TI - 165	PLS	16	178	720	995	10	TI - 225	QU	23	30	190
946	1	TI - 166	PLS	< 2	18	45	996	10	TI - 226	QU	13	33	80
947	1	TI - 167	PLS	3	75	43	997	10	TI - 227	QU	13	38	78
948	1	TI - 168	PLS	34	68	143	998	10	TI - 228	QU	11	40	68
949	1	TI - 169	PLS	21	43	228	999	10	TI - 229	QU	5	10	25
950	1	TI - 170	PSS	6	130	108	1000	10	TI - 230	QU	8	18	35

(11)

Sample No.	Location	Soil (TI) or Carbonate Rock (L R E)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Soil (TI) or Carbonate Rock (L R E)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
1001	19	TI - 231	MD	83	14	58	1051	13	TI - 281	PLS	11	85	925
1002	19	TI - 232	PLS	76	16	95	1052	13	TI - 282	PLS	6	38	625
1003	19	TI - 233	MD	8	140	1,300	1053	13	TI - 283	PLS	13	12	170
1004	19	TI - 234	MD	27	6	120	1054	13	TI - 284	PLS	7	18	680
1005	19	TI - 235	PLS	39	6	75	1055	13	TI - 285	PLS	< 2	< 5	20
1006	19	TI - 236	PLS	26	6	105	1056	13	TI - 286	PDO	< 2	< 5	15
1007	19	TI - 237	MD	11	24	105	1057	13	TI - 287	PDO	8	20	435
1008	19	TI - 238	MD	32	16	110	1058	13	TI - 288	PLS	< 2	< 5	33
1009	19	TI - 239	MD	45	18	88	1059	13	TI - 289	CO	26	6	15
1010	19	TI - 240	PLS	43	12	72	1060	13	TI - 290	PLS	11	32	155
1011	19	TI - 241	QU	41	20	100	1061	13	TI - 291	PLS	15	15	150
1012	19	TI - 242	QU	15	8	60	1062	13	TI - 292	PLS	4	13	30
1013	19	TI - 243	QU	44	14	85	1063	13	TI - 293	PLS	4	< 5	20
1014	19	TI - 244	QU	46	14	132	1064	10	TI - 294	MD	25	< 5	15
1015	19	TI - 245	MD	134	20	155	1065	10	TI - 295	OR	< 2	< 5	15
1016	19	TI - 246	MD	65	22	130	1066	10	TI - 296	OR	< 2	< 5	< 2
1017	19	TI - 247	MD	63	22	122	1067	12	TI - 298	QU	9	8	110
1018	19	TI - 248	MD	94	60	125	1068	12	TI - 299	PLS	10	28	53
1019	10	TI - 249	PSS	28	20	223	1069	11	TI - 300	PLS	16	23	160
1020	10	TI - 250	PSS	25	26	255	1070	11	TI - 301	PLS	6	10	49
1021	10	TI - 251	PSS	13	14	198	1071	11	TI - 302	PDO	20	50	123
1022	10	TI - 252	PSS	25	8	20	1072	11	TI - 303	PDO	7	45	28
1023	10	TI - 253	PDO	8	230	1,675	1073	11	TI - 304	PDO	15	13	265
1024	11	TI - 254	PSS	< 2	< 5	15	1074	11	TI - 305	PDO	8	8	212
1025	11	TI - 255	PLS	17	< 5	115	1075	15	TI - 306	CH	16	18	90
1026	11	TI - 256	PLS	4	120	100	1076	15	TI - 307	CH	56	108	310
1027	11	TI - 257	PSS	6	< 5	33	1077	15	TI - 308	CH	19	35	115
1028	11	TI - 258	PSS	33	120	150	1078	15	TI - 309	CH	7	8	35
1029	11	TI - 259	PSS	< 2	6	18	1079	15	TI - 310	PLS	19	38	140
1030	11	TI - 260	PLS	< 2	< 5	< 2	1080	15	TI - 311	PDO	45	38	30
1031	11	TI - 261	PLS	4	10	115	1081	15	TI - 312	PDO	41	108	28
1032	11	TI - 262	PLS	< 2	5	15	1082	14	TI - 313	PDO	3	18	30
1033	14	TI - 263	PLS	13	8	106	1083	14	TI - 314	PDO	7	23	99
1034	13	TI - 264	PDO	6	90	725	1084	14	TI - 315	PSS	11	35	365
1035	13	TI - 265	PLS	< 2	< 5	15	1085	15	TI - 316	PDO	13	33	160
1036	13	TI - 266	PLS	< 2	< 5	46	1086	15	TI - 317	PDO	14	33	425
1037	13	TI - 267	PLS	8	8	115	1087	15	TI - 318	PDO	10	25	53
1038	13	TI - 268	PLS	3	14	33	1088	15	TI - 319	PDO	36	95	280
1039	13	TI - 269	PLS	< 2	< 5	< 2	1089	15	TI - 320	PLS	37	10	488
1040	13	TI - 270	PSS	41	26	340	1090	15	TI - 321	PLS	14	25	203
1041	13	TI - 271	PLS	11	18	140	1091	15	TI - 322	PLS	22	13	128
1042	14	TI - 272	PLS	< 2	8	44	1092	15	TI - 323	PLS	39	45	233
1043	14	TI - 273	PLS	3	5	35	1093	15	TI - 324	PLS	13	< 5	161
1044	13	TI - 274	CO	4	14	60	1094	12	TI - 325	PLS	59	28	470
1045	10	TI - 275	CO	14	16	70	1095	12	TI - 326	PLS	37	18	350
1046	10	TI - 276	CO	10	228	350	1096	12	TI - 327	PLS	25	20	270
1047	13	TI - 277	CO	< 2	16	115	1097	12	TI - 328	PLS	10	15	90
1048	13	TI - 278	CO	26	52	258	1098	14	TI - 329	PLS	11	28	55
1049	13	TI - 279	CO	31	58	190	1099	14	TI - 330	PLS	4	28	45
1050	13	TI - 280	PLS	10	72	443	1100	14	TI - 331	PDO	9	45	45

Sample No.	Location	Soil (TI) or Carbonate Rock (L.R.R.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Soil (TI) or Carbonate Rock (L.R.R.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
1101	15	TI - 332	PLS	34	8	212	1151	19	TI - 355	PLS	29	33	100
1102	15	TI - 333	PLS	15	< 5	155	1152	19	TI - 356	MD	69	68	295
1103	15	TI - 334	PLS	30	8	230	1153	19	TI - 357	MD	36	60	150
1104	15	TI - 335	PLS	< 2	< 5	20	1154	19	TI - 358	PLS	79	110	153
1105	15	TI - 336	PLS	11	108	390	1155	19	TI - 359	MD	20	25	85
1106	15	TI - 337	PDO	9	720	4,375	1156	19	TI - 360	MD	36	78	165
1107	15	TI - 338	PDO	15	2,010	17,500	1157	19	TI - 361	MD	74	38	93
1108	11	TI - 339	QU	< 2	< 5	25	1158	19	TI - 362	QU	26	15	85
1109	11	TI - 340	PLS	25	125	25	1159	19	TI - 363	QU	21	15	88
1110	11	TI - 341	QU	25	23	105	1160	19	TI - 364	QU	26	15	103
1111	11	TI - 342	PLS	4	< 5	65	1161	6	TE - 001	PLS	3	97	182
1112	11	TI - 343	PLS	37	8	262	1162	7	TE - 002	PLS	8	327	888
1113	11	TI - 344	PLS	37	8	285	1163	7	TE - 003	PLS	5	82	314
1114	12	TI - 345	QU	12	10	60	1164	7	TE - 004	PLS	9	478	1,150
1115	12	TI - 346	QU	9	< 5	80	1165	6	TE - 005	PLS	16	260	69
1116	12	TI - 347	PLS	10	< 5	100	1166	6	TE - 006	PLS	8	20	66
1117	12	TI - 348	QU	13	43	123	1167	6	TE - 007	PLS	13	27	86
1118	15	TI - 349	PLS	29	15	268	1168	6	TE - 008	PLS	12	260	400
1119	15	TI - 350	PLS	28	25	275	1169	6	TE - 009	PLS	12	280	522
1120	16	TI - 351	CH	12	< 5	30	1170	4	TE - 010	MP	6	37	126
1121	16	TI - 352	CH	13	95	345	1171	4	TE - 011	MP	8	250	1,434
1122	16	TI - 353	CH	12	< 5	69	1172	6	TE - 012	MP	15	290	1,230
1123	16	TI - 354	CH	15	83	550	1173	6	TE - 013	MP	7	76	321
1124	16	TI - 355	PLS	5	125	2,300	1174	6	TE - 014	MP	8	53	64
1125	16	TI - 356	PLS	6	200	2,000	1175	6	TE - 015	MP	8	40	63
1126	16	TI - 357	PLS	3	125	2,425	1176	6	TE - 016	MP	4	33	30
1127	16	TI - 358	PLS	< 2	185	900	1177	6	TE - 017	MP	6	21	31
1128	16	TI - 359	PDO	3	410	1,925	1178	4	TE - 018	MP	13	35	48
1129	16	TI - 360	PDO	< 2	270	785	1179	4	TE - 019	MP	9	45	125
1130	16	TI - 361	PLS	4	78	610	1180	9	TE - 020	PDO	11	54	104
1131	16	TI - 362	PLS	4	125	1,025	1181	9	TE - 021	PLS	9	44	24
1132	16	TI - 363	PLS	< 2	< 5	23	1182	9	TE - 022	PLS	5	47	19
1133	16	TI - 364	PLS	< 2	30	70	1183	9	TE - 023	PLS	7	74	19
1134	16	TI - 365	PLS	< 2	< 5	15	1184	9	TE - 024	PLS	3	54	37
1135	16	TI - 366	CH	12	25	45	1185	9	TE - 025	PDO	3	22	13
1136	16	TI - 367	CH	< 2	20	35	1186	9	TE - 026	PDO	7	37	37
1137	16	TI - 368	ME	< 2	< 5	18	1187	9	TE - 027	PLS	9	35	67
1138	16	TI - 369	ME	16	< 5	98	1188	9	TE - 028	PSS	3	24	31
1139	16	TI - 370	ME	5	< 5	30	1189	9	TE - 029	PLS	9	35	63
1140	16	TI - 371	ME	5	< 5	20	1190	9	TE - 030	PLS	5	19	49
1141	16	TI - 372	ME	42	8	105	1191	9	TE - 031	PSS	5	14	290
1142	16	TI - 373	CH	15	< 5	45	1192	9	TE - 032	PSS	11	26	118
1143	16	TI - 374	CH	9	< 5	45	1193	9	TE - 033	PSS	7	42	310
1144	16	TI - 375	CH	15	< 5	45	1194	9	TE - 034	PSS	9	28	94
1145	15	TI - 376	CH	18	15	70	1195	9	TE - 035	PLS	12	38	595
1146	15	TI - 377	CH	9	8	45	1196	9	TE - 036	PLS	15	23	178
1147	19	TI - 378	QU	42	20	162	1197	9	TE - 037	PLS	17	24	182
1148	19	TI - 379	QU	37	140	320	1198	9	TE - 038	PLS	4	14	175
1149	19	TI - 380	QU	42	128	242	1199	9	TE - 039	PLS	5	36	94
1150	19	TI - 381	PLS	16	13	90	1200	9	TE - 040	PLS	9	24	90

Sample No.	Location	Soil (T) or Carbonate Rock (B & Z)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
1201	2	TE - 042	OR	3	7	132
1202	2	TE - 043	OR	2	5	100
1203	2	TE - 044	OR	3	7	8
1204	2	TE - 045	OR	5	18	20
1205	2	TE - 046	OR	7	21	34
1206	2	TE - 047	OR	2	4	10
1207	2	TE - 048	OR	2	15	33
1208	2	TE - 049	PLS	4	85	472
1209	2	TE - 050	PLS	5	46	331
1210	2	TE - 051	PLS	33	69	450
1211	1	TE - 052	PLS	10	80	59
1212	1	TE - 053	PLS	11	450	218
1213	1	TE - 054	PLS	7	85	26
1214	1	TE - 055	PLS	10	63	81
1215	1	TE - 056	OR	5	33	29
1216	1	TE - 057	OR	2	14	14
1227	1	TE - 058	CH	5	25	23
1218	1	TE - 059	CH	10	18	37
1219	9	TE - 060	PLS	5	16	58
1220	9	TE - 061	PLS	5	17	41
1221	9	TE - 062	PLS	3	23	31
1222	9	TE - 063	PLS	32	88	500
1223	9	TE - 064	PLS	7	18	93
1224	9	TE - 065	PLS	6	6	13
1225	9	TE - 066	PLS	6	95	142
1226	9	TE - 067	PLS	4	297	361
1227	9	TE - 068	PLS	115	21	67
1228	9	TE - 069	PLS	4	84	72
1229	9	TE - 070	PLS	6	10	24
1230	9	TE - 071	PLS	188	417	630
1231	9	TE - 072	PLS	8	592	1,504
1232	9	TE - 073	PLS	4	144	256
1233	9	TE - 074	PLS	14	27	230
1234	9	TE - 075	POO	10	230	1,026
1235	9	TE - 076	PLS	5	250	256
1236	11	TE - 077	PLS	6	78	178
1237	11	TE - 078	PLS	9	45	93
1238	11	TE - 079	PLS	9	538	1,504
1239	11	TE - 080	PLS	31	39	401
1240	11	TE - 081	PLS	2	21	24
1241	11	TE - 082	PLS	10	97	349
1242	11	TE - 083	PLS	12	50	509
1243	10	TE - 084	PLS	4	11	24
1244	10	TE - 085	MD	79	25	96
1245	10	TE - 086	MD	39	24	145
1246	10	TE - 087	MD	16	31	100
1247	10	TE - 088	PLS	12	200	1,158
1248	10	TE - 089	PLS	16	165	1,152
1249	10	TE - 090	OO	2	7	10
1250	10	TE - 091	OO	15	61	625

Sample No.	Location	Soil (T) or Carbonate Rock (B & Z)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
1251	10	TE - 092	OO	4	13	36
1252	10	TE - 093	OO	4	15	32
1253	10	TE - 094	OO	10	33	78
1254	10	TE - 095	OO	5	14	36
1255	10	TE - 096	OO	18	17	57
1256	10	TE - 097	OO	10	30	56
1257	10	TE - 098	OO	8	35	39
1258	10	TE - 099	OO	4	16	59
1259	10	TE - 100	OO	10	178	458
1260	10	TE - 101	OO	4	12	37
1261	10	TE - 102	OO	3	21	21
1262	10	TE - 103	OO	17	112	407
1263	10	TE - 104	OO	4	21	125
1264	10	TE - 105	OO	13	314	788
1265	10	TE - 106	MD	41	75	157
1266	10	TE - 107	PSS	9	47	220
1267	10	TE - 108	PLS	16	68	396
1268	10	TE - 109	OO	4	25	30
1269	10	TE - 110	OO	2	14	29
1270	10	TE - 111	OO	3	23	31
1271	10	TE - 112	OO	6	24	43
1272	10	TE - 113	OO	10	60	162
1273	10	TE - 114	MD	12	124	731
1274	10	TE - 115	PSS	16	84	246
1275	10	TE - 116	PSS	8	114	285
1276	10	TE - 117	PSS	8	18	37
1277	10	TE - 118	OO	4	21	28
1278	10	TE - 119	OO	3	18	19
1279	10	TE - 120	OO	12	50	170
1280	10	TE - 121	OO	7	17	37
1281	10	TE - 122	OO	6	20	38
1282	13	TE - 123	OO	9	29	22
1283	13	TE - 124	OO	10	10	9
1284	13	TE - 125	OO	13	19	36
1285	13	TE - 126	PLS	6	14	137
1286	13	TE - 127	PLS	6	22	242
1287	13	TE - 128	PLS	7	51	730
1288	13	TE - 129	PLS	6	17	104
1289	13	TE - 130	OO	20	53	364
1290	13	TE - 131	OO	2	6	32
1291	13	TE - 132	OO	19	91	435
1292	18	TE - 135	MI	22	29	107
1293	18	TE - 136	MI	145	193	154
1294	18	TE - 137	PLS	950	178	1,103
1295	18	TE - 138	PLS	6	3	32
1296	18	TE - 139	PLS	7	29	26
1297	18	TE - 140	PLS	58	55	470
1298	18	TE - 141	PLS	123	152	321
1299	18	TE - 142	PLS	257	256	438
1300	18	TE - 143	PLS	54	149	210

(14)

Sample No.	Location	Soil (T) or Carbonate Rock (L.R.Z.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Soil (T) or Carbonate Rock (L.R.Z.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
1301	18	TE - 144	PLS	67	453	1,316	1351	15	TE - 196	PDO	10	57	200
1302	18	TE - 145	PLS	29	250	670	1352	15	TE - 197	PDO	20	64	95
1303	18	TE - 146	PLS	43	225	1,472	1353	15	TE - 198	PLS	13	60	238
1304	11	TE - 148	PLS	4	54	257	1354	15	TE - 199	PSS	3	19	22
1305	11	TE - 149	PLS	3	32	49	1355	15	TE - 200	PSS	8	22	100
1306	11	TE - 150	PLS	4	10	64	1356	15	TE - 201	PLS	9	53	116
1307	11	TE - 151	PLS	3	14	45	1357	14	TE - 202	PLS	10	90	330
1308	13	TE - 152	PLS	8	21	151	1358	14	TE - 203	PLS	14	25	145
1309	13	TE - 153	PLS	8	23	199	1359	15	TE - 204	PSS	3	12	26
1310	13	TE - 154	PLS	7	23	192	1360	15	TE - 205	PSS	17	27	113
1311	13	TE - 155	PLS	7	26	338	1361	15	TE - 206	PDO	7	40	88
1312	13	TE - 156	PLS	12	37	108	1362	15	TE - 207	PDO	10	49	114
1313	13	TE - 157	PLS	17	24	230	1363	15	TE - 208	PDO	13	47	76
1314	13	TE - 158	PLS	29	15	139	1364	15	TE - 209	PLS	13	99	90
1315	14	TE - 159	PLS	3	16	43	1365	15	TE - 210	PDO	16	93	58
1316	14	TE - 160	PLS	5	34	30	1366	15	TE - 211	PSS	6	62	141
1317	14	TE - 161	PLS	7	22	146	1367	15	TE - 212	PLS	5	24	31
1318	14	TE - 162	PLS	3	10	59	1368	15	TE - 213	PLS	2	9	25
1319	13	TE - 163	PLS	17	28	233	1369	15	TE - 214	PLS	6	248	845
1320	14	TE - 164	PLS	13	28	64	1370	15	TE - 215	PLS	6	145	478
1321	14	TE - 165	PLS	22	26	313	1371	14	TE - 218	PLS	23	43	301
1322	14	TE - 166	PLS	12	25	404	1372	14	TE - 219	PLS	9	127	429
1323	14	TE - 167	PLS	8	23	39	1373	14	TE - 220	PLS	15	23	230
1324	14	TE - 168	PSS	4	19	27	1374	14	TE - 221	PLS	15	25	198
1325	14	TE - 169	PSS	10	18	81	1375	14	TE - 222	PLS	14	30	237
1326	14	TE - 170	PSS	14	18	106	1376	14	TE - 223	PLS	8	39	63
1327	14	TE - 171	PSS	23	19	124	1377	14	TE - 224	PLS	9	78	108
1328	14	TE - 172	PLS	14	20	142	1378	14	TE - 225	PDO	8	130	84
1329	14	TE - 173	PLS	4	25	86	1379	16	TE - 226	CH	5	17	31
1330	14	TE - 174	PLS	6	22	204	1380	16	TE - 227	CH	4	23	36
1331	14	TE - 175	PLS	7	26	299	1381	16	TE - 228	CH	8	17	40
1332	14	TE - 176	PLS	5	19	150	1382	16	TE - 229	CH	13	42	33
1333	14	TE - 177	PLS	4	104	580	1383	16	TE - 230	CH	21	65	151
1334	14	TE - 178	PLS	7	28	134	1384	16	TE - 231	CH	5	18	32
1335	14	TE - 179	PLS	6	53	289	1385	17	TE - 232	CH	7	14	21
1336	14	TE - 180	PLS	16	35	230	1386	17	TE - 233	CH	18	20	45
1337	14	TE - 181	PLS	12	22	177	1387	17	TE - 234	CH	15	23	30
1338	14	TE - 182	PLS	8	24	156	1388	17	TE - 235	CH	13	29	31
1339	14	TE - 183	PLS	8	23	169	1389	17	TE - 236	CH	8	18	25
1340	14	TE - 184	PLS	14	53	138	1390	17	TE - 237	OR	23	24	63
1341	14	TE - 185	PLS	20	37	217	1391	17	TE - 238	OR	17	17	52
1342	14	TE - 186	PLS	60	40	159	1392	16	TE - 241	CH	26	16	68
1343	14	TE - 187	PLS	14	40	277	1393	16	TE - 243	CH	26	18	74
1344	14	TE - 188	PLS	17	42	255	1394	16	TE - 244	CH	40	10	30
1345	14	TE - 189	PLS	20	43	363	1395	15	TE - 245	PLS	34	28	330
1346	15	TE - 190	CH	8	44	83	1396	15	TE - 246	PDO	54	7	65
1347	15	TE - 191	CH	10	38	59	1397	15	TE - 248	PDO	45	5	45
1348	15	TE - 192	CH	4	27	23	1398	15	TE - 249	PLS	33	21	188
1349	15	TE - 193	CH	10	27	39	1399	15	TE - 250	PLS	55	10	117
1350	15	TE - 194	CH	20	27	115	1400	15	TE - 251	PLS	97	12	369

Sample No.	Location	Soil (T) or Carbonate Rock (L & F)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Soil (T) or Carbonate Rock (L & F)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
1401	15	TE - 252	PLS	103	13	158	1451	16	TCP - 021	PLS	10	56	285
1402	15	TE - 253	PDO	76	19	180	1452	16	TCP - 023	PLS	9	15	18
1403	15	TE - 255	PDO	140	14	585	1453	16	TCP - 025	CH	10	25	58
1404	15	TE - 256	PLS	80	19	200	1454	16	TCP - 026	CH	16	45	178
1405	16	TE - 257	PLS	64	19	280	1455	16	TCP - 027	CH	11	11	54
1406	16	TE - 258	PLS	41	30	172	1456	16	TCP - 028	CH	14	17	39
1407	16	TE - 259	PLS	41	15	158	1457	16	TCP - 029	CH	18	34	106
1408	16	TE - 260	PLS	73	10	275	1458	16	TCP - 030	CH	12	31	63
1409	16	TE - 261	PLS	119	12	341	1459	4	TF - 003	PDO	14	454	216
1410	16	TE - 262	CH	192	10	469	1460	4	TF - 004	PLS	5	134	57
1411	16	TE - 263	CH	8	350	878	1461	4	TF - 005	PDO	8	44	49
1412	16	TE - 264	CH	9	44	118	1462	4	TF - 006	MP	4	36	34
1413	16	TE - 265	CH	18	173	818	1463	4	TF - 007	MP	3	17	28
1414	16	TE - 266	CH	11	34	193	1464	4	TF - 008	PDO	20	332	425
1415	16	TE - 267	CH	7	50	296	1465	4	TF - 009	PDO	8	28	61
1416	16	TE - 269	CH	13	62	177	1466	4	TF - 011	QU	6	54	92
1417	16	TE - 270	CH	13	37	203	1467	4	TF - 013	PDO	4	24	45
1418	16	TE - 271	CH	12	60	629	1468	4	TF - 014	PLS	5	68	36
1419	16	TE - 272	CH	9	20	154	1469	4	TF - 015	PLS	10	77	91
1420	18	TE - 273	PLS	28	245	699	1470	4	TF - 016	MP	13	68	113
1421	18	TE - 274	PLS	14	109	155	1471	4	TF - 018	PDO	30	651	4,600
1422	18	TE - 275	PLS	31	144	370	1472	6	TF - 019	PDO	22	1,025	2,975
1423	18	TE - 276	PLS	41	134	391	1473	6	TF - 020	PLS	17	378	750
1424	18	TE - 277	PLS	165	243	223	1474	4	TF - 021	TV	10	331	750
1425	18	TE - 278	PLS	35	58	123	1475	4	TF - 022	TV	4	22	36
1426	18	TE - 279	MI	117	111	192	1476	7	TF - 023	PSS	17	22	183
1427	18	TE - 281	PLS	220	179	762	1477	7	TF - 024	PLS	10	67	369
1428	18	TE - 282	PLS	16	165	354	1478	7	TF - 026	PLS	9	26	104
1429	18	TE - 283	PLS	30	118	930	1479	7	TF - 027	PLS	15	73	465
1430	18	TE - 284	PLS	18	463	1,007	1480	7	TF - 028	PLS	12	74	870
1431	18	TE - 285	PLS	11	74	283	1481	7	TF - 029	PDO	12	426	3,476
1432	18	TE - 286	PLS	34	1,040	6,050	1482	7	TF - 030	PLS	5	64	243
1433	16	TCP - 001	PLS	10	16	103	1483	7	TF - 031	PLS	5	59	208
1434	16	TCP - 002	PLS	8	9	44	1484	7	TF - 032	PLS	9	134	93
1435	16	TCP - 003	PLS	10	12	55	1485	7	TF - 033	PLS	8	157	345
1436	16	TCP - 004	PLS	11	19	42	1486	7	TF - 034	PLS	8	114	835
1437	16	TCP - 005	PLS	12	23	69	1487	7	TF - 035	PLS	5	41	138
1438	16	TCP - 006	PLS	13	18	88	1488	6	TF - 036	PDO	19	317	525
1439	16	TCP - 007	PLS	20	18	63	1489	6	TF - 037	PDO	12	168	310
1440	16	TCP - 008	PLS	13	25	164	1490	6	TF - 038	PLS	15	68	183
1441	16	TCP - 009	PLS	14	14	37	1491	6	TF - 039	PDO	13	360	855
1442	16	TCP - 010	PLS	16	16	37	1492	6	TF - 041	PLS	15	561	1,220
1443	16	TCP - 012	PLS	24	38	158	1493	6	TF - 042	PDO	11	395	3,512
1444	16	TCP - 013	PLS	15	19	85	1494	6	TF - 043	PLS	13	1,030	2,940
1445	16	TCP - 014	PLS	24	558	44,370	1495	4	TF - 044	PLS	14	387	325
1446	16	TCP - 015	PLS	9	74	220	1496	4	TF - 045	PLS	11	332	2,058
1447	16	TCP - 016	PLS	9	43	53	1497	4	TF - 046	PLS	20	345	650
1448	16	TCP - 017	PLS	13	255	2,673	1498	4	TF - 047	PLS	25	1,465	2,783
1449	16	TCP - 019	PLS	11	20	59	1499	4	TF - 048	PDO	18	1,390	3,654
1450	16	TCP - 020	PLS	26	54	295	1500	6	TF - 049	PDO	11	120	2,835

Sample No.	Location	Soil (T) or Carbonate Rock (L & R)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Soil (T) or Carbonate Rock (L & R)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
1501	6	TF - 050	PDO	7	155	1,203	1551	9	TF - 105	PSS	8	23	29
1502	6	TF - 052	PLS	9	107	135	1552	9	TF - 106	PSS	12	26	116
1503	6	TF - 053	PLS	165	549	968	1553	9	TF - 107	PLS	18	34	173
1504	6	TF - 054	PLS	6	81	593	1554	9	TF - 108	PDO	26	49	198
1505	6	TF - 055	PDO	9	613	3,465	1555	9	TF - 111	PDO	16	84	270
1506	6	TF - 056	PDO	3	147	253	1556	9	TF - 113	PDO	5	16	20
1507	6	TF - 057	PLS	5	113	560	1557	9	TF - 114	PLS	8	39	91
1508	6	TF - 058	PLS	5	99	255	1558	9	TF - 115	PLS	4	43	44
1509	6	TF - 059	MP	5	257	337	1559	9	TF - 116	PLS	4	17	36
1510	6	TF - 060	PLS	8	258	1,243	1560	9	TF - 117	PSS	4	9	5
1511	6	TF - 061	PLS	7	198	357	1561	9	TF - 118	PSS	1	7	8
1512	6	TF - 062	PDO	5	194	620	1562	9	TF - 119	PSS	2	9	10
1513	6	TF - 063	PDO	25	350	509	1563	9	TF - 120	PSS	6	32	215
1514	6	TF - 064	PLS	46	2,745	2,417	1564	1	TF - 121	PLS	8	152	428
1515	4	TF - 065	PSS	2	72	28	1565	1	TF - 122	PLS	7	147	615
1516	4	TF - 066	PLS	4	17	26	1566	1	TF - 123	PLS	5	362	615
1517	4	TF - 067	PLS	7	28	44	1567	1	TF - 125	PDO	7	249	1,260
1518	4	TF - 068	PLS	15	24	34	1568	1	TF - 126	PLS	1	10	7
1519	4	TF - 069	PLS	28	117	68	1569	1	TF - 127	CH	7	17	4
1520	4	TF - 070	PLS	14	5,250	373	1570	1	TF - 128	CH	6	18	36
1521	4	TF - 071	TV	4	58	43	1571	1	TF - 129	CH	6	17	32
1522	4	TF - 072	TV	4	37	49	1572	1	TF - 130	CH	8	18	42
1523	6	TF - 073	PSS	4	30	57	1573	1	TF - 131	CH	16	22	104
1524	6	TF - 074	PSS	4	100	186	1574	1	TF - 132	CH	7	24	33
1525	6	TF - 075	PDO	6	560	178	1575	1	TF - 133	CH	10	31	235
1526	6	TF - 076	PDO	7	133	811	1576	1	TF - 134	CH	9	162	1,853
1527	6	TF - 077	PLS	18	226	883	1577	1	TF - 135	PLS	6	265	3,440
1528	6	TF - 078	PLS	7	90	245	1578	1	TF - 136	CH	10	108	2,090
1529	6	TF - 079	PLS	27	2,710	798	1579	1	TF - 137	PLS	7	331	5,060
1530	6	TF - 080	PLS	15	816	5,209	1580	1	TF - 138	PLS	4	13	750
1531	6	TF - 081	PLS	11	667	5,951	1581	1	TF - 139	PLS	6	25	177
1532	6	TF - 082	MP	5	80	553	1582	1	TF - 140	PLS	3	50	109
1533	6	TF - 083	MP	5	58	74	1583	1	TF - 141	PLS	5	77	368
1534	7	TF - 084	PSS	18	20	210	1584	1	TF - 142	PLS	4	203	395
1535	7	TF - 085	PLS	6	15	104	1585	2	TF - 143	PLS	3	21	87
1536	7	TF - 086	PLS	12	327	1,635	1586	2	TF - 144	PLS	5	28	78
1537	7	TF - 088	PDO	10	369	2,085	1587	2	TF - 145	PLS	13	37	93
1538	7	TF - 089	PLS	6	51	358	1588	2	TF - 146	PLS	8	11	34
1539	7	TF - 091	PLS	8	64	868	1589	2	TF - 147	PLS	17	56	128
1540	7	TF - 092	PLS	6	28	430	1590	2	TF - 148	PLS	21	39	172
1541	7	TF - 093	PLS	3	23	64	1591	2	TF - 149	PLS	6	22	114
1542	9	TF - 094	PLS	17	12	48	1592	2	TF - 150	PLS	11	52	275
1543	9	TF - 095	PDO	10	70	44	1593	1	TF - 151	PLS	11	443	1,740
1544	9	TF - 097	PDO	15	59	35	1594	10	TF - 152	MD	5	21	67
1545	9	TF - 099	PLS	11	47	22	1595	10	TF - 153	MD	61	16	90
1546	9	TF - 100	PDO	5	19	65	1596	10	TF - 154	MD	33	11	41
1547	9	TF - 101	PLS	7	14	19	1597	10	TF - 155	MD	7	15	56
1548	9	TF - 102	PLS	2	4	17	1598	10	TF - 157	PLS	11	25	493
1549	9	TF - 103	PSS	7	3	13	1599	10	TF - 159	PLS	5	45	358
1550	9	TF - 104	PSS	8	25	27	1600	10	TF - 161	PLS	2	63	90

Sample No.	Location	Soil (T) or Carbonate Rock (L.R.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Soil (T) or Carbonate Rock (L.R.)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
1601	10	TF - 162	PDO	1	15	50	1651	11	TF - 219	PLS	3	23	157
1602	10	TF - 163	PLS	1	57	250	1652	11	TF - 220	PLS	8	34	250
1603	11	TF - 164	PLS	3	339	850	1653	11	TF - 221	PLS	2	87	114
1604	11	TF - 165	PLS	63	478	32,750	1654	11	TF - 222	PLS	1	7	37
1605	11	TF - 166	PLS	10	270	2,000	1655	13	TF - 223	CO	5	24	57
1606	11	TF - 167	PLS	12	26	143	1656	13	TF - 224	CO	4	18	33
1607	11	TF - 168	PLS	1	10	7	1657	13	TF - 225	CO	3	16	28
1608	11	TF - 169	PSS	46	20	133	1658	13	TF - 226	CO	6	12	40
1609	11	TF - 170	PLS	4	104	625	1659	13	TF - 227	CO	5	27	26
1610	11	TF - 171	PDO	18	2,500	11,000	1660	13	TF - 228	CO	8	16	44
1611	11	TF - 173	PDO	3	270	420	1661	13	TF - 229	CO	3	20	31
1612	11	TF - 177	PLS	5	1,825	2,600	1662	13	TF - 230	CO	3	14	23
1613	11	TF - 178	PLS	7	225	2,000	1663	13	TF - 231	CO	3	8	19
1614	11	TF - 179	PLS	4	225	598	1664	13	TF - 232	CO	4	10	17
1615	11	TF - 180	PLS	4	438	558	1665	13	TF - 233	CO	16	31	52
1616	11	TF - 181	PLS	3	130	200	1666	13	TF - 234	CO	10	14	32
1617	11	TF - 182	PLS	11	81	500	1667	13	TF - 235	PLS	11	28	84
1618	11	TF - 183	PLS	2	14	19	1668	13	TF - 236	PLS	17	31	176
1619	11	TF - 184	PLS	4	128	313	1669	13	TF - 237	PLS	17	40	114
1620	11	TF - 185	PLS	8	83	225	1670	13	TF - 238	PLS	13	35	123
1621	11	TF - 186	PSS	3	77	135	1671	13	TF - 239	PLS	10	36	106
1622	11	TF - 187	PSS	3	27	44	1672	13	TF - 240	PLS	10	33	133
1623	11	TF - 188	PSS	5	138	145	1673	13	TF - 241	PLS	10	37	139
1624	11	TF - 189	PSS	3	25	59	1674	13	TF - 242	PLS	9	31	104
1625	11	TF - 190	PSS	25	65	285	1675	13	TF - 243	CO	22	59	286
1626	11	TF - 191	PSS	31	51	57	1676	13	TF - 244	CO	14	39	281
1627	11	TF - 192	PSS	7	50	55	1677	13	TF - 245	CO	9	19	53
1628	11	TF - 193	PSS	15	42	31	1678	13	TF - 246	CO	4	16	32
1629	11	TF - 194	PSS	7	53	108	1679	13	TF - 247	CO	6	17	51
1630	11	TF - 195	PSS	2	25	19	1680	11	TF - 248	PSS	2	10	14
1631	11	TF - 196	PLS	3	31	168	1681	11	TF - 249	PSS	1	10	23
1632	11	TF - 197	PSS	4	80	69	1682	11	TF - 250	PLS	4	47	19
1633	18	TF - 198	PLS	47	89	135	1683	11	TF - 251	PLS	7	21	26
1634	18	TF - 199	PLS	10	105	125	1684	14	TF - 253	PSS	5	23	55
1635	18	TF - 203	MI	37	124	263	1685	14	TF - 254	PSS	1	6	13
1636	18	TF - 204	MI	24	27	59	1686	14	TF - 255	PSS	9	17	28
1637	18	TF - 205	MI	18	24	72	1687	14	TF - 256	PLS	1	5	11
1638	18	TF - 206	MI	22	213	115	1688	14	TF - 258	PSS	3	12	14
1639	18	TF - 207	MI	12	28	41	1689	14	TF - 259	PSS	2	15	20
1640	18	TF - 208	MI	26	56	182	1690	14	TF - 260	PSS	2	11	15
1641	18	TF - 209	MI	23	160	170	1691	14	TF - 261	PSS	2	12	58
1642	18	TF - 210	MI	36	40	45	1692	14	TF - 262	PLS	2	11	29
1643	18	TF - 211	MI	13	16	140	1693	14	TF - 263	PLS	4	64	146
1644	18	TF - 212	MI	4	22	40	1694	14	TF - 264	PLS	3	28	462
1645	18	TF - 213	MI	9	33	77	1695	14	TF - 266	PDO	6	98	443
1646	18	TF - 214	MI	6	26	43	1696	14	TF - 267	PLS	14	18	185
1647	18	TF - 215	MI	15	22	43	1697	14	TF - 268	PLS	9	29	130
1648	18	TF - 216	MI	4	22	43	1698	11	TF - 269	PSS	5	28	120
1649	18	TF - 217	MI	4	21	44	1699	11	TF - 270	PLS	11	23	153
1650	11	TF - 218	PLS	3	42	81	1700	11	TF - 271	PLS	11	23	167

Sample No.	Location	Soil (Type or Exchange Rock (L.R.R.))	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Soil (Type or Exchange Rock (L.R.R.))	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
1701	11	TF - 272	PSS	8	27	114	1751	14	TF - 331	PLS	13	42	141
1702	11	TF - 273	PSS	13	22	301	1752	14	TF - 333	PLS	15	35	102
1703	11	TF - 274	PLS	20	28	339	1753	14	TF - 334	PLS	21	42	137
1704	11	TF - 275	PLS	7	24	135	1754	14	TF - 336	PLS	10	30	182
1705	11	TF - 276	PLS	10	25	75	1755	14	TF - 337	PLS	16	50	203
1706	11	TF - 277	PLS	5	35	120	1756	14	TF - 338	PLS	19	34	261
1707	11	TF - 278	PLS	1	37	20	1757	15	TF - 339	PDO	23	91	87
1708	13	TF - 280	PLS	8	25	172	1758	15	TF - 341	PDO	14	89	65
1709	13	TF - 281	PLS	9	56	327	1759	15	TF - 343	PLS	18	110	77
1710	13	TF - 282	PLS	22	33	284	1760	15	TF - 344	PLS	20	55	139
1711	13	TF - 283	PLS	9	36	182	1761	15	TF - 345	PLS	17	231	270
1712	14	TF - 284	PLS	11	24	205	1762	15	TF - 346	CH	14	170	165
1713	14	TF - 285	PLS	9	32	172	1763	15	TF - 347	CH	14	70	125
1714	14	TF - 286	PLS	10	38	234	1764	15	TF - 349	CH	14	27	58
1715	14	TF - 287	PLS	32	30	335	1765	15	TF - 350	CH	12	50	99
1716	14	TF - 288	PLS	21	32	150	1766	15	TF - 351	CH	14	26	59
1717	14	TF - 289	PLS	18	32	204	1767	15	TF - 352	CH	18	29	75
1718	14	TF - 291	PLS	4	66	775	1768	15	TF - 353	CH	15	48	70
1719	14	TF - 292	PLS	26	33	237	1769	15	TF - 354	CH	13	30	80
1720	14	TF - 293	PLS	8	25	76	1770	15	TF - 355	CH	18	43	41
1721	14	TF - 294	PLS	17	33	165	1771	15	TF - 356	CH	18	23	55
1722	14	TF - 295	PLS	20	27	174	1772	15	TF - 347	PLS	8	19	31
1723	14	TF - 296	PLS	14	35	144	1773	15	TF - 358	PDO	14	16	73
1724	14	TF - 297	PLS	11	24	138	1774	15	TF - 359	PSS	6	19	85
1725	14	TF - 298	PLS	11	19	67	1775	15	TF - 360	PLS	4	15	56
1726	14	TF - 299	PLS	7	38	70	1776	15	TF - 361	PSS	12	39	85
1727	14	TF - 300	PLS	8	40	76	1777	15	TF - 362	PSS	6	79	38
1728	14	TF - 301	PLS	4	36	35	1778	15	TF - 363	PLS	7	60	141
1729	14	TF - 302	PLS	3	36	20	1779	15	TF - 364	PDO	5	107	560
1730	14	TF - 303	PLS	4	33	58	1780	15	TF - 365	PDO	9	43	76
1731	14	TF - 304	PLS	11	19	66	1781	15	TF - 366	PDO	12	25	20
1732	9	TF - 306	PDO	10	38	71	1782	15	TF - 367	CH	24	33	78
1733	9	TF - 308	PDO	12	39	109	1783	15	TF - 368	CH	12	29	41
1734	9	TF - 310	PDO	3	12	22	1784	15	TF - 369	CH	13	20	42
1735	9	TF - 311	PDO	6	18	23	1785	15	TF - 370	OR	13	30	55
1736	9	TF - 312	PDO	17	55	30	1786	15	TF - 371	CH	14	37	84
1737	9	TF - 313	QU	7	41	22	1787	15	TF - 372	CH	10	41	74
1738	9	TF - 314	QU	6	19	36	1788	15	TF - 373	PLS	9	32	65
1739	9	TF - 315	PSS	157	23	183	1789	15	TF - 374	PLS	7	32	57
1740	9	TF - 316	PSS	12	48	103	1790	15	TF - 375	PLS	9	40	82
1741	9	TF - 317	PDO	5	32	49	1791	15	TF - 383	PLS	5	25	71
1742	9	TF - 319	PLS	12	24	118	1792	15	TF - 384	PLS	10	120	520
1743	9	TF - 320	PLS	20	49	128	1793	15	TF - 385	PLS	15	75	81
1744	9	TF - 321	PDO	2	23	28	1794	16	TF - 386	PLS	10	125	485
1745	11	TF - 322	PDO	2	60	15	1795	16	TF - 387	PLS	11	85	260
1746	11	TF - 323	PLS	19	119	153	1796	16	TF - 369	PDO	8	129	625
1747	11	TF - 326	PDO	17	71	151	1797	16	TF - 391	PLS	6	95	531
1748	14	TF - 328	PLS	12	38	92	1798	16	TF - 394	PDO	7	124	428
1749	14	TF - 329	PLS	9	25	72	1799	16	TF - 396	PLS	7	26	41
1750	14	TF - 330	PLS	9	21	74	1800	16	TF - 397	PDO	4	41	56

Sample No.	Location	Soil (T) or Carbonate Rock (L & Z)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Soil (T) or Carbonate Rock (L & Z)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
1801	14	TF - 399	PLS	13	33	147	1851	16	LCP - 022	PLS	274	741	2,472
1802	14	TF - 400	PLS	23	27	113	1852	16	LCP - 024	PLS	647	1,045	3,887
1803	14	TF - 401	PLS	15	23	145	1853	4	LF - 001	PLS	36	418	698
1804	14	TF - 402	PLS	16	46	266	1854	4	LF - 002	PLS	31	124	2,341
1805	14	TF - 403	PLS	6	38	90	1855	4	LF - 010	PLS	30	1,873	335
1806	14	TF - 404	PLS	14	19	51	1856	4	LF - 012	PDO	45	174	855
1807	14	TF - 405	PLS	12	20	55	1857	4	LF - 017	PLS	27	363	3,992
1808	14	TF - 406	PLS	10	22	54	1858	7	LF - 025	PLS	28	66	148
1809	14	TF - 407	PLS	12	26	69	1859	6	LF - 040	PDO	17	93	695
1810	14	TF - 408	CH	6	46	68	1860	6	LF - 051	PDO	21	62	143
1811	14	TF - 409	CH	17	32	118	1861	7	LF - 087	PLS	17	70	231
1812	14	TF - 410	CH	11	23	60	1862	7	LF - 090	PLS	13	69	105
1813	14	TF - 411	CH	14	34	82	1863	9	LF - 095	PDO	25	85	450
1814	14	TF - 412	CH	20	26	63	1864	9	LF - 098	PDO	22	70	190
1815	16	TF - 413	CH	9	44	175	1865	9	LF - 109	PDO	13	51	80
1816	16	TF - 414	CH	8	41	198	1866	9	LF - 110	PDO	14	56	98
1817	16	TF - 415	CH	13	36	173	1867	9	LF - 112	PDO	16	69	150
1818	16	TF - 416	CH	14	24	195	1868	1	LF - 124	PDO	13	62	360
1819	16	TF - 417	CH	8	67	296	1869	10	LF - 158	PSS	12	57	113
1820	16	TF - 418	CH	18	18	75	1870	10	LF - 160	PLS	24	63	106
1821	16	TF - 419	CH	9	16	39	1871	11	LF - 172	PDO	27	92	180
1822	16	TF - 420	CH	7	23	74	1872	11	LF - 174	PDO	37	116	313
1823	16	TF - 421	ME	12	21	98	1873	11	LF - 175	PLS	22	60	95
1824	16	TF - 422	ME	9	20	80	1874	11	LF - 176	PLS	23	81	130
1825	16	TF - 423	ME	12	27	70	1875	18	LF - 200	PLS	26	72	158
1826	16	TF - 424	ME	18	20	68	1876	18	LF - 201	PDO	85	224	598
1827	16	TF - 425	ME	23	29	79	1877	18	LF - 202	PLS	30	225	593
1828	16	TF - 426	ME	14	20	86	1878	14	LF - 265	PDO	23	104	335
1829	16	TF - 427	ME	14	24	128	1879	11	LF - 279	PLS	19	78	135
1830	16	TF - 428	ME	28	22	182	1880	14	LF - 305	PLS	33	92	218
1831	16	TF - 429	ME	9	14	45	1881	9	LF - 307	PDO	152	433	1,460
1832	16	TF - 430	ME	6	13	55	1882	9	LF - 309	PDO	17	62	115
1833	16	TF - 431	ME	11	15	123	1883	9	LF - 318	PDO	19	68	140
1834	18	TF - 432	MI	53	51	83	1884	11	LF - 325	PDO	13	41	70
1835	18	TF - 433	MI	9	26	66	1885	14	LF - 327	PLS	47	117	320
1836	18	TF - 434	PLS	32	61	101	1886	14	LF - 332	PLS	27	99	195
1837	18	TF - 437	PLS	39	293	214	1887	14	LF - 335	PLS	37	104	230
1838	18	TF - 438	PLS	22	313	640	1888	15	LF - 340	PDO	67	204	498
1839	18	TF - 439	PLS	209	450	1,380	1889	15	LF - 342	PDO	20	103	172
1840	18	TF - 440	PLS	46	658	3,883	1890	15	LF - 376	PDO	18	72	271
1841	9	LE - 021	PDO	35	110	220	1891	15	LF - 377	PDO	10	52	65
1842	15	LE - 195	PDO	34	103	273	1892	15	LF - 378	PDO	17	74	108
1843	15	LE - 216	PLS	78	212	660	1893	15	LF - 379	PDO	22	90	195
1844	15	LE - 242	CH	41	147	395	1894	15	LF - 380	PDO	18	73	94
1845	15	LE - 247	PDO	43	107	378	1895	15	LF - 381	PDO	58	77	131
1846	15	LE - 254	PDO	39	96	275	1896	15	LF - 382	PDO	35	92	205
1847	16	LE - 268	CH	56	164	515	1897	16	LF - 388	PDO	39	89	306
1848	18	LE - 280	PLS	56	162	368	1898	16	LF - 390	PDO	19	72	201
1849	16	LCP - 011	PLS	183	291	960	1899	16	LF - 392	PDO	18	76	150
1850	16	LCP - 018	PLS	95	336	895	1900	16	LF - 393	PLS	19	77	166

Sample No.	Location	Soil (Top of Carbonate Rock (L.R.Z.))	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Soil (Top of Carbonate Rock (L.R.Z.))	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
1901	16	LF - 393	PDO	58	131	279	1951	2	LH - 211	PDO	27	70	230
1902	16	LF - 398	PDO	33	93	289	1952	2	LH - 214	PDO	20	82	268
1903	18	LF - 435	PDO	21	67	167	1953	2	LH - 223	PLS	42	231	555
1904	18	LY - 436	PLS	2,785	73	167	1954	11	LH - 260	PLS	43	163	588
1905	9	LG - 119	PDO	119	328	970	1955	11	LH - 261	PDO	39	112	513
1906	9	LG - 124	PDO	70	136	488	1956	11	LH - 299	PDO	33	108	285
1907	9	LG - 136	PDO	22	78	170	1957	11	LH - 300	PDO	30	249	470
1908	9	LG - 151	PDO	155	255	1,070	1958	11	LH - 301	PLS	15	52	90
1909	1	LG - 166	PDO	61	211	630	1959	11	LH - 303	PLS	46	136	390
1910	1	LG - 177	PDO	42	183	458	1960	11	LH - 310	PLS	31	135	1,540
1911	9	LG - 186	PLS	32	106	243	1961	11	LH - 323	PLS	49	165	520
1912	11	LG - 200	PDO	218	675	2,311	1962	11	LH - 326	PDO	17	74	205
1913	10	LG - 219	PLS	32	118	215	1963	11	LH - 328	PDO	20	86	188
1914	10	LG - 251	PDO	73	153	395	1964	11	LH - 329	PDO	15	54	130
1915	11	LG - 259	PDO	33	115	193	1965	11	LH - 332	PDO	17	86	133
1916	10	LG - 266	PDO	16	83	175	1966	11	LH - 333	PDO	42	163	408
1917	13	LG - 278	PLS	34	105	215	1967	11	LH - 335	PDO	13	55	100
1918	11	LG - 284	PLS	15	70	141	1968	11	LH - 338 A	PDO	15	44	90
1919	11	LG - 286	PDO	40	150	375	1969	11	LH - 338 B	PDO	121	314	853
1920	10	LG - 293	PDO	24	213	260	1970	11	LH - 340	PDO	13	60	88
1921	11	LG - 326	PDO	35	110	205	1971	11	LH - 344	PLS	275	297	2,900
1922	9	LG - 330	PDO	67	180	551	1972	12	LH - 346 A	PLS	68	182	660
1923	14	LG - 341	PLS	44	135	358	1973	12	LH - 346 B	PDO	24	85	230
1924	16	LG - 360	PDO	50	145	418	1974	12	LH - 355	PDO	100	245	913
1925	16	LG - 363	PDO	84	223	565	1975	15	LH - 359	PLS	35	114	310
1926	16	LG - 366	PDO	56	121	415	1976	15	LH - 367	PLS	57	154	525
1927	19	LG - 460	PDO	28	111	290	1977	15	LH - 369	PLS	31	85	258
1928	19	LG - 461	PDO	21	81	170	1978	15	LH - 373	PLS	39	122	360
1929	16	LG - 116	PDO	58	118	518	1979	14	LH - 380	PLS	143	364	1,580
1930	7	LH - 006	PDO	28	160	363	1980	14	LH - 387	PDO	11	59	115
1931	7	LH - 011	PDO	23	82	140	1981	14	LH - 388	PDO	19	76	160
1932	4	LH - 018	PDO	23	87	148	1982	14	LH - 389	PDO	25	113	248
1933	6	LH - 051	PDO	123	440	1,400	1983	14	LH - 393	PLS	19	67	160
1934	7	LH - 077	PDO	35	121	275	1984	14	LH - 396	PLS	38	87	240
1935	7	LH - 081	PDO	34	119	330	1985	14	LH - 399	PLS	40	110	345
1936	9	LH - 100	PLS	71	201	513	1986	14	LH - 402	PLS	25	73	210
1937	9	LH - 103	PDO	62	102	318	1987	16	LH - 404	PLS	62	170	508
1938	6	LH - 123	PLS	22	78	233	1988	16	LH - 409	PLS	38	93	290
1939	6	LH - 126	PLS	15	66	773	1989	16	LH - 422	CH	57	177	475
1940	6	LH - 130	PLS	19	174	703	1990	4	LI - 001	PLS	74	215	596
1941	8	LH - 152	PLS	23	170	295	1991	4	LI - 002	PLS	36	121	1,340
1942	8	LH - 154	PLS	26	175	440	1992	9	LI - 005	PLS	42	140	303
1943	8	LH - 160	PLS	35	114	315	1993	1	LI - 006	PDO	25	78	168
1944	8	LH - 163	PLS	29	123	390	1994	1	LI - 007	PLS	78	295	556
1945	8	LH - 169	PLS	33	120	580	1995	1	LI - 008	PLS	26	88	180
1946	9	LH - 171	PDO	113	366	1,003	1996	9	LI - 009	PDO	48	150	453
1947	9	LH - 179	PDO	30	101	350	1997	10	LI - 011	PDO	25	85	246
1948	9	LH - 187	PLS	39	131	405	1998	10	LI - 012	PDO	59	196	575
1949	2	LH - 189	PDO	11	52	180	1999	10	LI - 013	PDO	15	46	80
1950	2	LH - 196	CH	23	12	190	2000	10	LI - 014	PLS	32	70	215

(21)

Sample No.	Location	Soil (T) or Carbonate Rock (L & R)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample No.	Location	Soil (T) or Carbonate Rock (L & R)	Geological Index	Cu (ppm)	Pb (ppm)	Zn (ppm)
2001	19	L1 - 015	PLS	172	447	2,051							
2002	10	L1 - 016	PLS	45	107	358							
2003	10	L1 - 017	PLS	31	136	393							
2004	13	L1 - 018	PLS	42	142	445							
2005	13	L1 - 019	PDO	22	102	340							
2006	15	L1 - 021	PDO	45	120	418							
2007	15	L1 - 022	PLS	455	1,663	5,528							
2008	15	L1 - 023	PLS	47	125	393							
2009	14	L1 - 024	PDO	19	70	195							
2010	15	L1 - 025	PLS	102	320	918							
2011	15	L1 - 026	PDO	40	145	675							
2012	11	L1 - 027	PDO	127	134	1,050							
2013	16	L1 - 028	PLS	30	86	245							
2014	16	L1 - 029	PDO	83	299	808							
2015	9	RI - 049	PDO	203	518	1,355							
2016	16	RI - 131	PDO	29	95	235							
2017	9	Z - 001	PDO	149	576	1,650							
2018	9	Z - 002	PDO	338	163	351							
2019	9	Z - 003	PDO	17	100	170							
2020	9	Z - 004	PDO	14	78	129							
2021	9	Z - 005	PDO	18	91	210							
2022	9	Z - 006	PDO	38	116	254							
2023	9	Z - 007	PDO	33	100	179							
2024	9	Z - 008	PDO	36	148	328							
2025	9	Z - 009	PDO	25	95	158							
2026	9	Z - 010	PDO	32	111	264							
2027	9	Z - 011	PDO	75	179	527							
2028	9	Z - 012	PDO	17	82	119							
2029	9	Z - 013	PDO	43	44	340							
2030	9	Z - 014	PDO	47	25	278							
2031	9	Z - 015	PDO	31	34	274							
2032	9	Z - 016	PDO	38	160	525							
2033	9	Z - 017	PDO	25	128	250							
2034	9	Z - 018	PLS	64	168	413							

Table 17. Resistivities and Frequency Effects of Rock Samples
in the Surveyed Area (1)

Sample-No. (Rock)	a (cm)	b (cm)	s (cm ²)	L (cm)	V _i (V)	i = $\frac{V_i - 4V_i}{R}$ i (uA)	VR (mv)	$\rho = \frac{VR \cdot S}{i \cdot L} \cdot 10$	FE(%)	Rock
LE-021	1.2	1.9	2.28	3.3	0.172	0.688	4065	40822	2.0	dolomite
LE-195	1.4	3.6	5.04	3.6	1.03	4.12	3220	10942	0.8	"
LE-216	1.3	4.4	5.72	4.4	0.21	0.84	4070	62988	0.2	Limestone
LE-254	0.9	2.9	2.61	3.2	1.52	6.08	2675	3588	0.8	dolomite
LF-010	1.4	2.1	2.94	3.3	0.463	1.852	3790	18232	0.1	"
LF-017	2.9	1.4	4.06	3.7	0.445	1.78	3800	23425	1.4	Limestone
LF-087	1.2	2.7	3.24	2.8	0.154	0.616	4090	76830	1.0	dolomite
LF-090	1.5	1.8	2.70	2.8	0.130	0.52	4120	76401	0	"
LF-112	1.0	0.8	0.80	2.7	0.111	0.444	4185	27928	0.4	Zebra- dolomite
LF-174	1.2	1.7	2.04	2.8	0.125	0.5	4160	60617	0.2	dolomite
LF-279	1.6	1.3	2.08	2.3	0.270	1.08	4000	33494	0.6	Limestone
LF-335	1.7	1.3	2.21	3.2	0.233	0.932	4010	29715	1.2	"
LF-390	2.1	1.2	2.52	3.0	0.136	0.544	4140	63926	0.4	Zebra- dolomite
LF-393	1.7	2.2	3.74	4.2	0.134	0.536	4130	6861	0.4	Limestone
LG-119	1.6	1.0	1.6	2.4	1.90	7.6	2380	2088	1.2	"
LG-136	1.2	2.5	3.0	2.8	2.70	10.8	1560	1548	0.2	Dolomite

(2)

Sample-No. (Rock)	(cm) a	(cm) b	(cm) s	(cm) L	(V) V _i	$i = \frac{V_i - 4V_i}{R}$ i (uA)	(mv) VR	$\rho = \frac{VR \cdot S}{i \cdot L}$	FE(%)	Rock
LG-151	2.0	1.4	2.8	2.7	0.678	2.712	3610	13804	-0.4	Dolomite
LG-259	1.4	2.8	3.92	3.3	2.15	8.6	2140	2956	-0.2	"
LG-266	1.3	2.6	3.38	3.1	0.513	2.052	3700	19660	1.6	"
LG-286	1.5	2.1	3.15	3.0	0.470	1.88	3810	21279	0	Zebra- dolomite
LG-293	1.4	2.9	4.06	3.2	0.143	0.572	4110	91164	0.2	Dolomite
LG-326	1.1	2.8	3.08	3.5	0.273	1.092	4010	32315	0	"
LG-363	1.3	2.5	3.25	2.8	0.726	2.904	3540	14149	0.7	"
RG-072	1.4	2.4	3.36	4.1	2.13	8.52	2130	2049	1.8	Limestone
LH-018	2.8	1.4	3.92	4.3	0.406	1.624	3820	21443	0.2	Zebra- dolomite
LH-152	2.7	1.3	3.51	4.9	1.42	5.68	2730	3443	2.5	Limestone
LH-154	1.8	1.4	2.52	3.8	0.27	1.08	3930	24132	1.7	Dolomite
LH-160	2.9	1.3	3.77	4.0	0.759	3.036	3500	10865	0.7	Limestone
LH-169	1.0	1.5	1.5	3.6	0.295	1.18	3930	13877	1.5	Limestone
LH-171	1.2	3.4	4.08	3.8	0.130	0.52	4170	86101	0	Zebra- dolomite
LH-179	1.7	1.2	2.04	3.0	0.253	1.012	4040	27146	1.6	Limestone
LH-187	3.0	1.2	3.6	3.4	0.195	0.78	4120	55928	1.1	"
LH-261	2.6	1.4	3.64	3.6	1.60	6.4	2600	4108	1.0	dolomite

(3)

Sample-No. (Rock)	a (cm)	b (cm)	s (cm ²)	L (cm)	V _i (V)	i _{R-4vi} (uA)	(mv) VR	$\rho = \frac{VR \cdot s}{i \cdot L}$	FE(%)	Rock
LH-310	1.3	1.8	2.34	3.5	0.138	0.552	4100	49658	0.6	Limestone
LH-323	2.6	1.2	3.12	4.2	0.112	0.448	4190	69477	0	"
LH-335	1.4	2.6	3.64	2.9	0.282	1.128	3990	44398	0.2	"
LH-332	1.3	2.5	3.25	3.4	0.390	1.56	3880	23775	0.1	dolomite
LH-338A	1.6	2.9	4.64	4.0	0.290	1.16	3970	39700	0.3	Zebra- dolomite
LH-338B	1.7	1.6	2.72	3.9	1.02	4.08	3210	5487	0.3	Limestone
LH-344	2.3	1.6	3.68	4.3	0.968	3.872	3310	7316	0.5	"
LH-380	1.1	2.5	2.75	2.7	0.160	0.64	4140	65885	0.5	"
LH-389	1.2	2.9	3.48	3.1	0.223	0.892	4020	50592	0.5	Dolomite
LH-396	1.1	1.7	1.87	3.1	0.160	0.64	4135	38974	0	Limestone
LH-404	1.3	1.7	2.21	3.0	0.148	0.592	4.25	51330	0.4	"
LH-422	1.3	3.6	4.68	3.7	1.03	4.12	3245	9962	0	"
LI-013	1.1	2.4	2.64	3.8	0.325	1.3	3910	20896	0.6	Dolomite
LI-017	2.2	1.5	3.3	3.6	0.985	3.94	3270	7608	0.2	Limestone
LI-018	2.6	1.3	3.38	3.1	0.242	0.968	4010	45167	0.8	"
LI-021	1.6	1.1	1.76	3.5	0.132	0.528	4115	39190	0	Zebra- dolomite
LI-022	1.3	1.3	1.69	4.0	0.188	0.752	4070	22867	0.1	Limestone

(4)

Sample-No. (Rock)	(cm) a	(cm) a	(cm) s	(cm) L	(V) V _i	$i = \frac{V_i - 4v_i}{R_i}$ i (uA)	(mv) VR	$\rho \frac{S \cdot 10}{L}$	FE(%)	Rock
LI-028	1.1	2.6	2.86	3.6	0.095	0.38	4170	87180	0.4	Limestone
OF-056	1.3	1.5	1.95	2.7	1.24	4.96	3010	4383	0.8	Ore
OF-057	1.2	1.0	1.20	3.4	0.10	0.4	4155	3662	0.6	"
OF-050	2.6	3.1	8.06	6.4	3.80	15.2	415	344	1.4	"
OF-055	1.7	3.2	4.44	6.1	0.331	1.324	3915	26370	0.2	"
OF-058	3.0	2.1	6.3	7.4	0.159	0.636	4060	62839	0	"
RI-043	1.6	1.3	2.08	3.2	3.66	14.64	5.38	2.39	0	Dolomite
RI-044	1.2	2.5	3.0	2.6	3.05	12.2	1160	1097	0	Zebra- dolomite
RI-048	1.4	2.8	3.92	3.6	0.282	1.128	4010	38710	0.4	Limestone
RI-091	1.1	2.4	2.64	2.6	0.427	1.708	3830	22769	0.8	"
RI-096	1.4	3.1	4.34	3.6	0.877	3.508	3430	11788	0	"
RI-100	3.0	1.0	3.0	3.6	2.47	9.88	1685	1421	0.7	"
RI-122	1.2	2.7	3.24	3.9	0.10	0.40	4170	86608	0.5	"

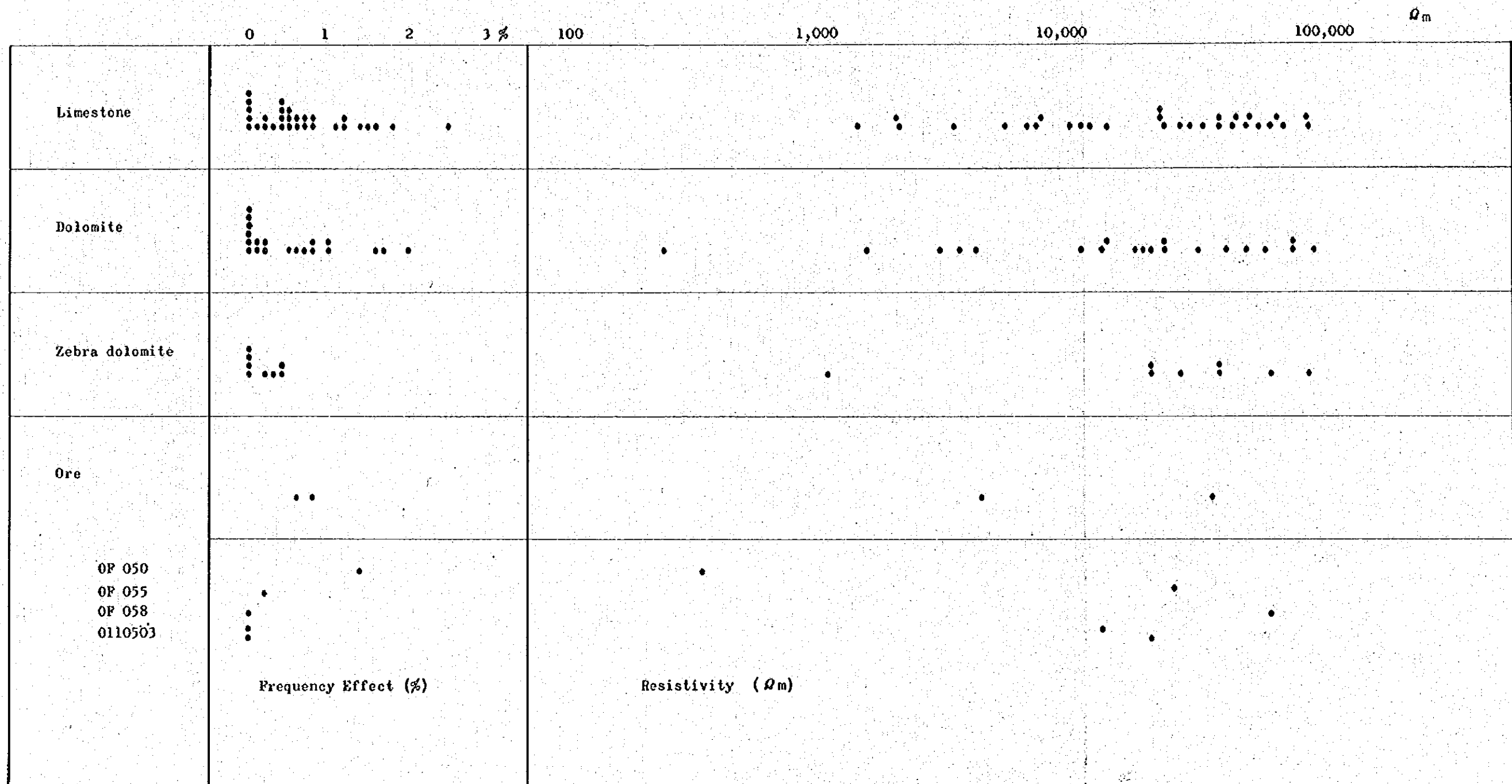
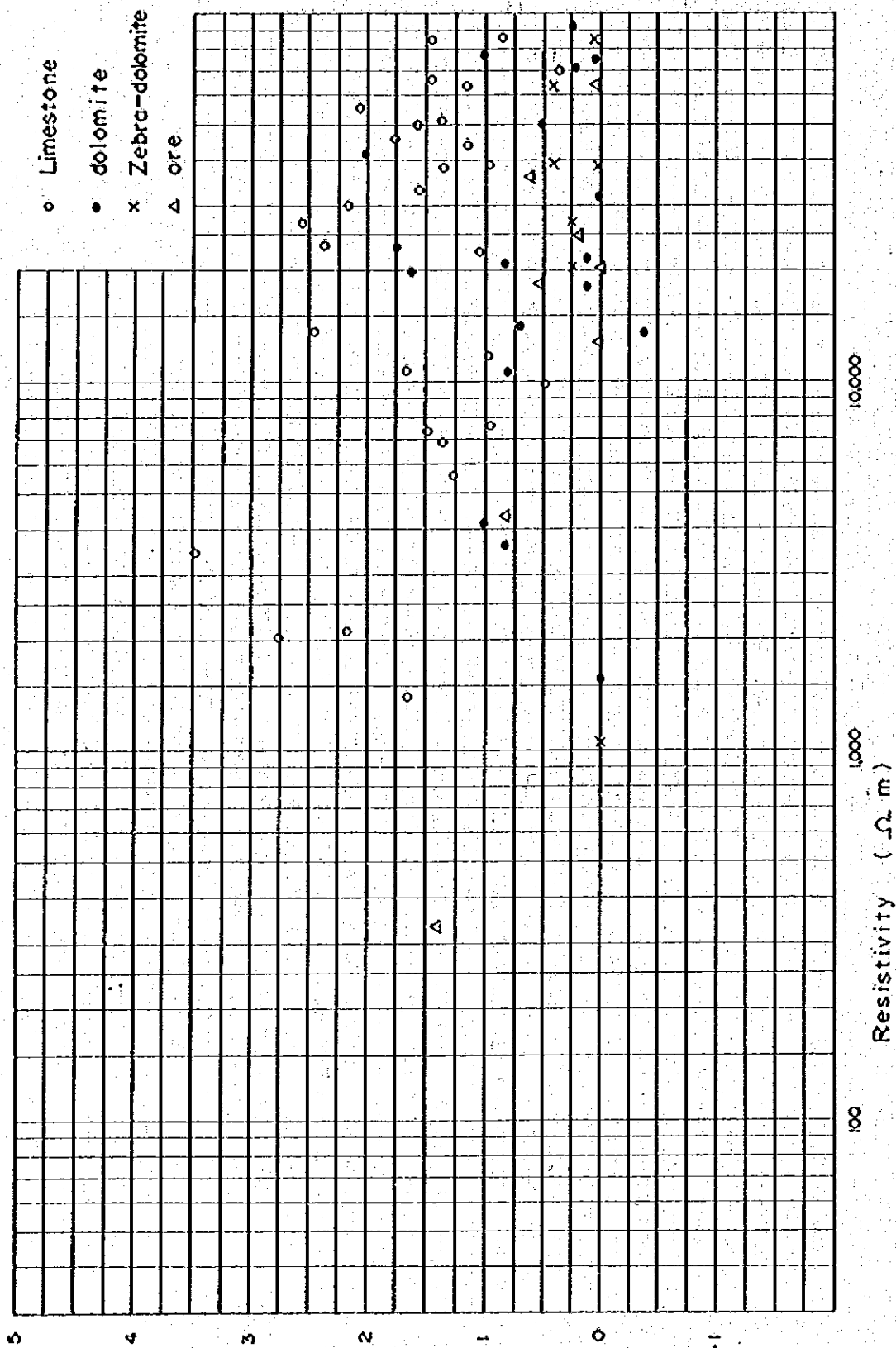


Fig 15 Distributions of Resistivities and Frequency Effects by Laboratory Measurement.

Frequency
effect
(%)



**Table 18. Density Measurements of Rock Samples in
the Surveyed Area**

Field number	Density (gr/cm ³)	Remarks
LH 103	2.81	limestone
RF 042	2.58	limestone
LF 395	2.69	limestone
LF 087	2.67	limestone
		} average 2.69 (gr/cm ³)
LF 172	2.77	dolomite
RI 060B	2.75	dolomite
RI 086	2.82	dolomite
LF 110	2.72	dolomite
ZEB 15	2.90	dolomite
		} average 2.79 (gr/cm ³)
RF 061	2.66	sandstone
RH 056	2.53	sandstone
		} average 2.60 (gr/cm ³)
RG 087	2.61	granite
RH 30A	2.58	granite
RE 001	2.65	granite
H 014	2.57	granite
		} average 2.60 (gr/cm ³)
RE 012	3.11	diorite
H 013	2.86	diorite
K 264	2.66	diorite
		} average 2.88 (gr/cm ³)
RH 019	2.58	porphyry
N 129	2.46	porphyry
K 265	2.61	porphyry
		} average 2.55 (gr/cm ³)

空中写真摄影

空中写真撮影目次

1. 調査概要

1-1 調査の目的.....	Ⅲ-2
1-2 調査地域概要.....	Ⅲ-2
1-3 調査計画.....	Ⅲ-2

2. 調査の実施..... Ⅲ-3

2-1 調査の実施と管理.....	Ⅲ-3
2-2 飛行状況.....	Ⅲ-3
2-3 調査機器.....	Ⅲ-4

List of Figure

Fig III-1 Surveyed Area

Fig III-2 Photo Index Map

Appendices

A-1 Information of Meteorology	A-1
A-2 Records of Aerial Photographing	A-7
A-3 Calibration Certification of Lens	A-19

PL. III Photo index Map

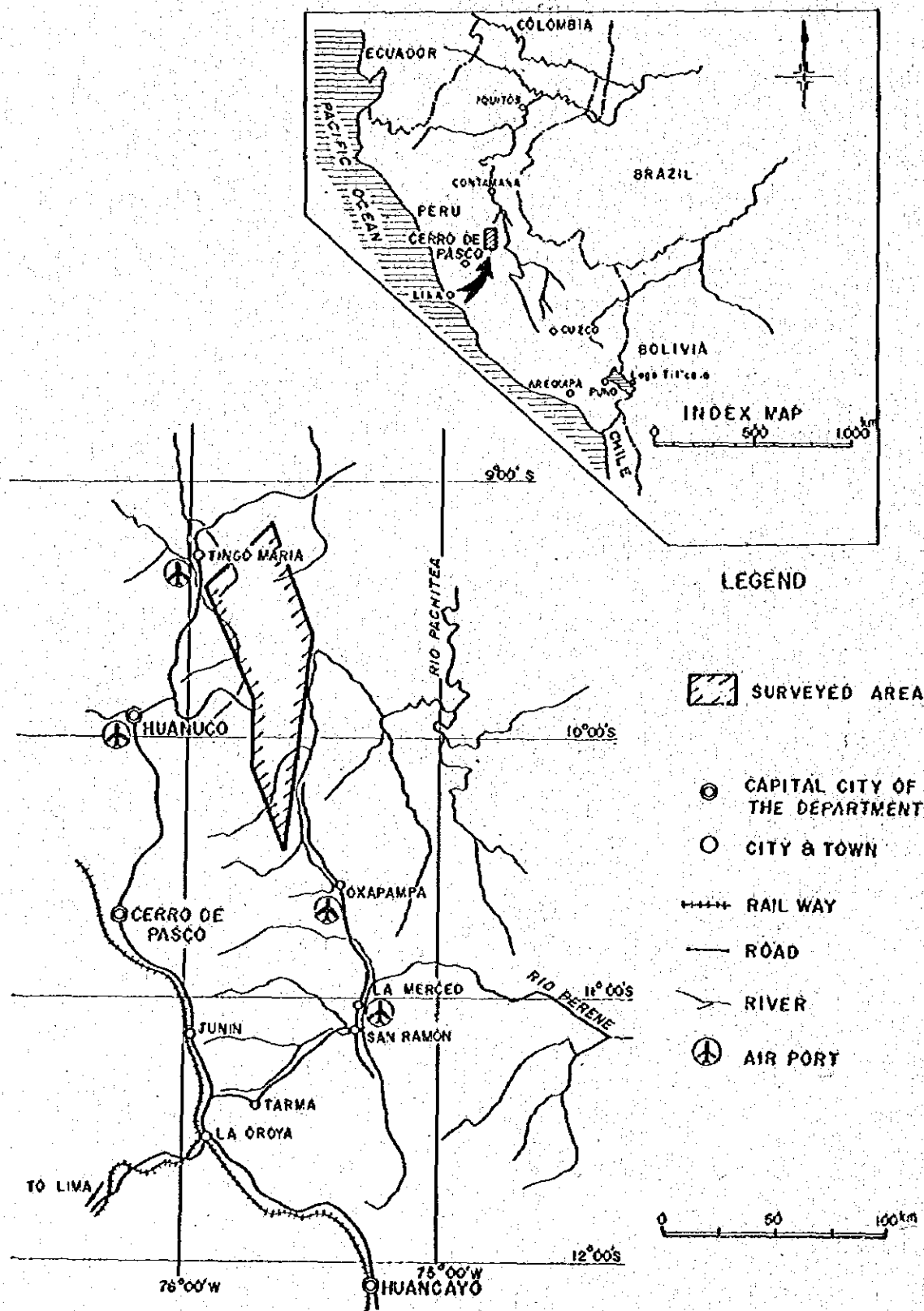


Fig. III-1

Location Map of the Cordillera Oriental, Central Peru

1. 調 査 概 要

1-1 作業の目的

本調査は、

南緯	9度11分15秒	西経	75度41分15秒
／	9度37分30秒	／	75度30分00秒
／	10度26分15秒	／	75度37分30秒
／	10度07分30秒	／	75度45分00秒
／	9度52分30秒	／	75度45分00秒
／	9度26分15秒	／	75度66分15秒

の6点を結んだ約3,000Km²の範囲の空中写真撮影を実施することを目的とした。

1-2 調査地域概要

Fig. III-1に示すように調査地域は、大部分 Huanuco 県に属し南部は一部 Pasco 県に含まれている。

この地域は、ペルーの屋根と言われるアンデス山地の東側にあたり、大アマゾン河の源流地帯の一部となっているため地形の開折が激しく行なわれており、比高が千米以上に及ぶ所が多い。

また、西側に寒冷のアンデス山地を控え、東側には熱帯の大アマゾン平原が広がっているという立地のため、調査地域一帯には常に雲が発生しており、雲の殆どないのは1年の内数日あるかなしであると言われている。

地形が急峻であるため道路の発達も悪く、かつ気象条件も悪いため、この調査が行なわれるまでSLARによる撮影は行なわれたが、カメラによる空中写真撮影は行なわれておらず、従って地形図も作成されていない。

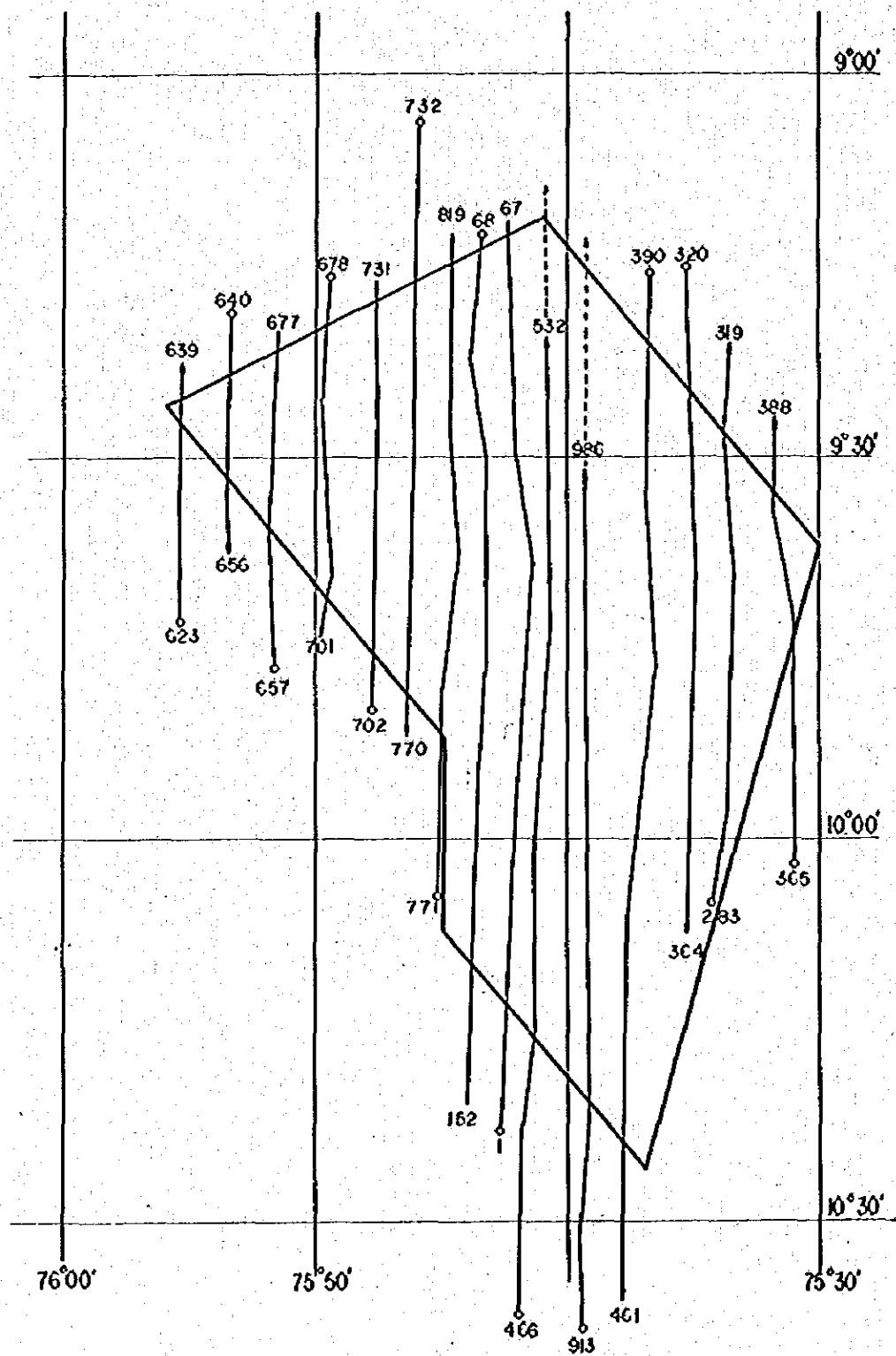
1-3 撮影計画

撮影対象地域は南北に細長い地域であるため、サイドラップを30%以上にとると、必然的に南北方向に16本のコースが必要となった。Photo Index MapはFig. III-2に示す。

また地表の平均標高はほぼ2,500mであり、撮影縮尺が1:20,000であるので、使用航空機はLear Jet Beachcraft B-80を選び、カメラはWild RC10焦点距離6吋(151.43mm)を使用することにした。

従って、飛行高度は対地高度3,000mが必要であった。

Fig. III - 2 Photo Index Map



LEGEND



Surveyed Area



Number of photo

2. 調査の実施

2-1 調査の実施と管理

撮影の実施は、SAN(Servicio Aerophotographia Nacional)によって行われ、調査の進捗状況は昭和51年度の調査団員により管理された。

飛行基地は調査地域西北方にあたるTingo Mariaが選定された。

また、前述のように対象地域は非常に雲が多いため、写真撮影の出来る機会を最大限に活かすため、6月22日から8月31日までの全調査期間を通じ、調査地域西方のPanaoと南方のPozuzoに天候監視員を常駐させ、飛行基地Tingo Mariaにおいてその報告を受け、航空機が撮影に向った。これらの気象記録は付帯資料として別紙に添付する。

撮影は気象条件が悪い地域のため、気流の悪化や太陽高度の条件を無視して晴天の場合は午後まで行なう予定だったが、実際に午後まで撮影できたのは1日で、他の日は午後になると雲量が急増して、午前中以外撮影できなかった。

撮影された写真は即日Limaに送付して現像し、仕様を満足するかどうかの検討を行ない、不満足な場合は再撮影を行なう態勢をとった。

撮影完了面積は3,270Km²であり、撮影計画面積に対し約109%の達成率となっている。

2-2 飛行状況

6月22日より8月31日までの71日間の調査期間中撮影ができたのは、6月23日、7月27日、28日、29日、8月24日の5日間のみで、他の日は雲量多く撮影できなかった。

これらの詳細は、付帯資料に飛行記録として提出してあるが、撮影できた日だけをとりまとめると次のようになる。

撮影月日	撮影コース	撮影面積 (計画範囲内) Km ²	累計達成率	記事
6月23日	No. 8, 9, Line	300	10%	
7月27日	No. 5, 6, 7, 8, 9, 11, 12 13, 14, 15, 16 Line	1,500	60%	
7月28日	No. 10, 11, 12 Line	300	70%	
7月29日	No. 1, 2, 3, 4, 5 Line	750	95%	
8月24日	No. 11 Line	150	100%	
計		3,000		

2-3 調査機器

(1) 航空カメラ

名 称 : Wild RC 10

焦点距離 : 151.43mm

(2) フィルム

Agfapan 25 Professional

(3) 航空機

Lear Jet Beachcraft B-80

APPENDICES

A-1 Information of Meteorology

P. A. P.

DIRECCION GENERAL DE AEROFOTOGRAFIA

DEPARTAMENTO DE OPERACIONES

INFORMACION METEOROLOGICA DEL PROYECTO No. 279-76-A ZONA TINGO MARIA-OXAPAMPA
DURANTE EL MES DE JUNIO DE 1976

DIA	H O R A S				
	08:00	09:00	10:00	11:00	12:00
22-06-76	M	M	M	M	M
23-06-76	B	B	B	B	B
24-06-76	M	M	M	M	M
25-06-76	M	M	M	M	M
26-06-76	M	M	M	M	M
27-06-76	M	M	M	M	M
28-06-76	M	M	M	M	M
29-06-76	M	M	M	M	M
30-06-76	M	M	M	M	M

M = Malo = cloudy, rainy

B = Bueno = fine

P. A. P.

DIRECCION GENERAL DE AEROFOTOGRAFIA

DEPARTAMENTO DE OPERACIONES

INFORMACION METEOROLOGICA DEL PROYECTO No. 279-76-A ZONA TINGO MARIA-OXAPAMPA

DURANTE EL MES DE JULIO DE 1976

DIA	H O R A S				
	08:00	09:00	10:00	11:00	12:00
01-07-76	M	M	M	M	M
02-07-76	M	M	M	M	M
03-07-76	M	M	M	M	M
04-07-76	M	M	M	M	M
05-07-76	M	M	M	M	M
06-07-76	M	M	M	M	M
07-07-76	M	M	M	M	M
08-07-76	M	M	M	M	M
09-07-76	M	M	M	M	M
10-07-76	M	M	M	M	M
11-07-76	M	M	M	M	M
12-07-76	M	M	M	M	M
13-07-76	M	M	M	M	M
14-07-76	M	M	M	M	M
15-07-76	M	M	M	M	M
16-07-76	M	M	M	M	M
17-07-76	M	M	M	M	M
18-07-76	M	M	M	M	M
19-07-76	M	M	M	M	M
20-07-76	M	M	M	M	M

DIA	H O R A S				
	08:00	09:00	10:00	11:00	12:00
21-07-76	M	M	M	M	M
22-07-76	M	M	M	M	M
23-07-76	M	M	M	M	M
24-07-76	M	M	M	M	M
25-07-76	M	M	M	M	M
26-07-76	M	M	M	M	M
27-07-76	B	B	B	B	B
28-07-76	B	B	B	B	B
29-07-76	B	B	B	B	B
30-07-76	M	M	M	M	M
31-07-76	M	M	M	M	M

P. A. P.

DIRECCION GENERAL DE AEROFOTOGRAFIA

DEPARTAMENTO DE OPERACIONES

INFORMACION METEOROLOGICA DEL PROYECTO No. 279-76-A ZONA TINGO MARIA-OXAPAMPA

DURANTE EL MES DE AGOSTO DE 1976

DIA	H O R A S				
	08:00	09:00	10:00	11:00	12:00
01-08-76	M	M	M	M	M
02-08-76	M	M	M	M	M
03-08-76	M	M	M	M	M
04-08-76	M	M	M	M	M
05-08-76	M	M	M	M	M
06-08-76	M	M	M	M	M
07-08-76	M	M	M	M	M
08-08-76	M	M	M	M	M
09-08-76	M	M	M	M	M
10-08-76	M	M	M	M	M
11-08-76	M	M	M	M	M
12-08-76	M	M	M	M	M
13-08-76	M	M	M	M	M
14-08-76	M	M	M	M	M
15-08-76	M	M	M	M	M
16-08-76	M	M	M	M	M
17-08-76	M	M	M	M	M
18-08-76	M	M	M	M	M
19-08-76	M	M	M	M	M
20-08-76	M	M	M	M	M

DIA	H O R A S				
	08:00	09:00	10:00	11:00	12:00
21-08-76	M	M	M	M	M
22-08-76	M	M	M	M	M
23-08-76	M	M	M	M	M
24-08-76	B	B	B	B	B
25-08-76	M	M	M	M	M
26-08-76	M	M	M	M	M
27-08-76	M	M	M	M	M
28-08-76	M	M	M	M	M
29-08-76	M	M	M	M	M
30-08-76	M	M	M	M	M
31-08-76	M	M	M	M	M

A-2 Records of Aerial Photography

Flight Record for Aerial Photography

Country	Republic of PERU		Area	Central Part	No	1
day of the week	day-month	weather	work	area been photographed Km ²		
SUN						
MON						
TUE	22/6	cloudy rainy	waiting for good weather adjusting equipments	0		
WED	23/6	fine	morning: taking aerial photographs (8.9 line) afternoon: getting cloudy and waiting good weather	300		
THU	24/6	cloudy	waiting for good weather	0		
FRI	25/6	"	"	0		
SAT	26/6	"	"	0		
				progress ratio	10 %	
survey area has been photographed 11111111				weekly product On 23rd, we took aerial photographs along the lines 8 and 9. Other days, weather was bad and we waited for good weather and adjusted equipments.		

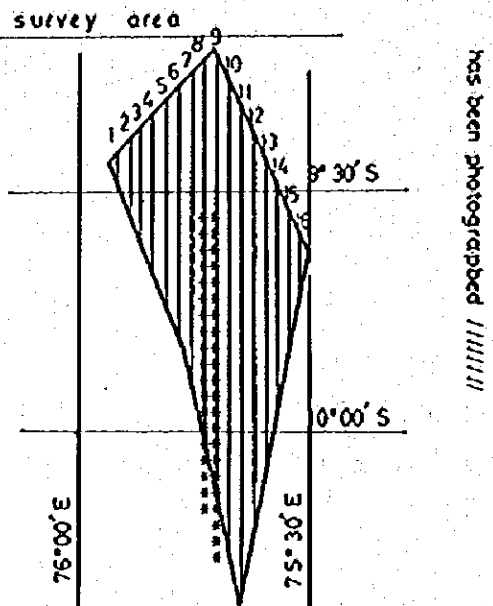
Flight Record for Aerial Photography

Country	Republic of PERU		Area	Central Part	No	2
day of the week	day-month	weather	work	area been photographed Km ²		
SUN	27/6	cloudy rainy	waiting for good weather adjusting equipments	0		
MON	28/6	"	"	0		
TUE	29/6	"	"	0		
WED	30/6	"	"	0		
THU	1/7	"	"	0		
FRI	2/7	"	"	0		
SAT	3/7	"	"	0		
				progress ratio	10 %	
survey area has been photographed // // // // //				weekly product Weather was bad no photograph was taken, only equipments were adjusted.		

Flight Record for Aerial Photography

Country	Republic of PERU		Area	Central Port	No	3
day of the week	day-month	weather	work	area been photographed Km ²		
SUN	4/7	cloudy rainy	waiting for good weather adjusting equipments	0		
MON	5/7	"	"	0		
TUE	6/7	"	"	0		
WED	7/7	"	"	0		
THU	8/7	"	"	0		
FRI	9/7	"	"	0		
SAT	10/7	"	"	0		
				progress ratio	10 %	
survey area has been photographed // // // //				weekly product Weather was bad no photograph was taken, only equipments were adjusted.		

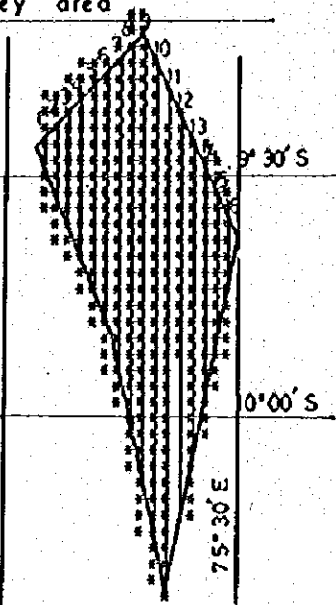
Flight Record for Aerial Photography

Country	Republic of PERU		Area	Central Part	No	4
day of the week	day-month	weather	work	area been photographed Km ²		
SUN	11/7	cloudy rainy	waiting for good weather adjusting equipments	0		
MON	12/7	"	"	0		
TUE	13/7	"	"	0		
WED	14/7	"	"	0		
THU	15/7	"	"	0		
FRI	16/7	"	"	0		
SAT	17/7	"	"	0		
				progress ratio	10 %	
survey area  has been photographed				weekly product Weather was bad no photograph was taken, only equipments were adjusted.		

Flight Record for Aerial Photography

Country	Republic of PERU		Area	Central Port	No	5
day of the week	day-month	weather	work	area been photographed Km ²		
SUN	18/7	cloudy rainy	waiting for good weather adjusting equipments	0		
MON	19/7	"	"	0		
TUE	20/7	"	"	0		
WED	21/7	"	"	0		
THU	22/7	"	"	0		
FRI	23/7	"	"	0		
SAT	24/7	"	"	0		
				progress ratio	10 %	
survey area has been photographed // // // // //				weekly product Weather was bad no photograph was taken, only equipments were adjusted.		

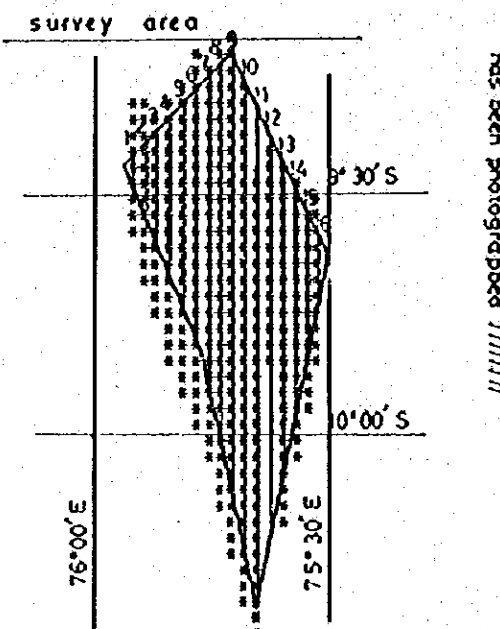
Flight Record for Aerial Photography

Country	Republic of PERU		Area	Central Part	No	6
day of the week	day-month	weather	work		area been photographed Km ²	
SUN	25/7	cloudy rainy	waiting for good weather adjusting equipments		0	
MON	26/7	"	"		0	
TUE	27/7	fine	taking aerial photographs of the lines 5,6,7,8,9,11,13,14,15,16 and a part of the line 12		1500	
WED	28/7	"	{morning: taking aerial photographs of the line 10 and a part of the lines 11, 12		300	
THU	29/7	"	{afternoon: getting cloudy and waiting for good weather {morning: taking aerial photographs of the lines 1,2,3,4,5			
FRI	30/7	cloudy rainy	{afternoon: getting cloudy and waiting for good weather		750	
SAT	31/7	"	waiting for good weather adjusting equipments "		0 0	
					progress ratio	95 %
survey area  has been photographed					weekly product On 27th, 28th and 29th, weather was good and photographs of the planned area was taken.	

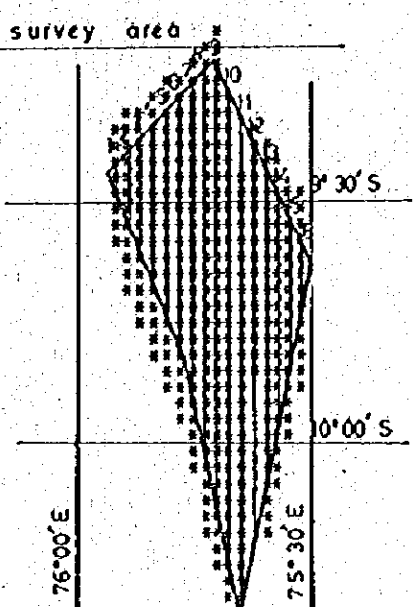
Flight Record for Aerial Photographing

Country	Republic of PERU		Area	Central Part	No	7
day of the week	day-month	weather	work	area been photographed Km ²		
SUN	1/8	cloudy rainy	waiting for good weather adjusting equipments	0		
MON	2/8	"	"	0		
TUE	3/8	"	"	0		
WED	4/8	"	"	0		
THU	5/8	"	"	0		
FRI	6/8	"	"	0		
SAT	7/8	"	"	0		
				progress ratio	95 %	
survey area has been photographed //////////////				weekly product Weather was bad no photograph was taken, only equipments were adjusted.		

Flight Record for Aerial Photography

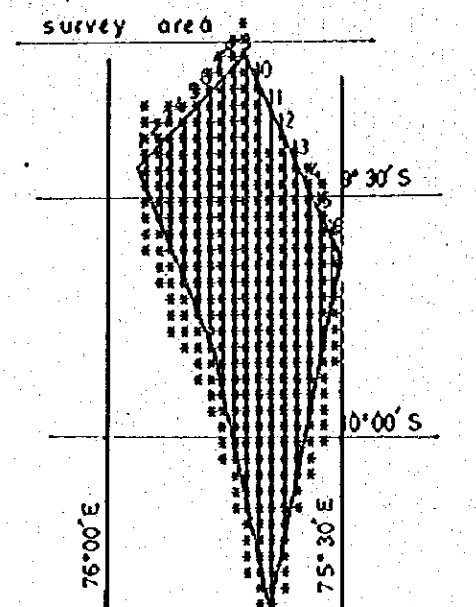
Country	Republic of PERU		Area	Central Part	No	8
day of the week	day-month	weather	work	area been photographed Km ²		
SUN	8/8	cloudy rainy	waiting for good weather adjusting equipments	0		
MON	9/8	"	"	0		
TUE	10/8	"	"	0		
WED	11/8	"	"	0		
THU	12/8	"	"	0		
FRI	13/8	"	"	0		
SAT	14/8	"	"	0		
				progress ratio	95 %	
survey area  has been photographed				weekly product Weather was bad no photograph was taken, only equipments were adjusted.		

Flight Record for Aerial Photography

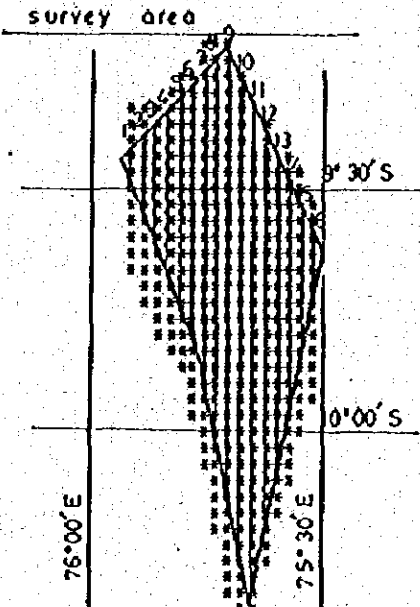
Country	Republic of PERU		Area	Central Part	No	9
day of the week	day-month	weather	work		area been photographed Km ²	
SUN	15/8	cloudy rainy	waiting for good weather adjusting equipments		0	
MON	16/8	"	"		0	
TUE	17/8	"	"		0	
WED	18/8	"	"		0	
THU	19/8	"	"		0	
FRI	20/8	"	"		0	
SAT	21/8	"	"		0	
progress ratio					95 %	
survey area  has been photographed //////////////					weekly product Weather was bad no photograph was taken, only equipments were adjusted.	

Flight Record for Aerial Photography

Country	Republic of PERU		Area	Central Part	No	10
day of the week	day-month	weather	work		area been photographed	Km ²
SUN	22/8	cloudy rainy	waiting for good weather adjusting equipments			0
MON	23/8	"	"			0
TUE	24/8	fine	morning: taking aerial photographs a part of the line 11 afternoon: getting cloudy and waiting for good weather		150	
WED	25/8	cloudy rainy	preparation for withdrawal			0
THU	26/8	"	"			0
FRI	27/8	"	"			0
SAT	28/8	"	"			0

progress ratio		100 %
survey area		weekly product
		On 24th photographs along the South part of the survey line 11 were taken.

Flight Record for Aerial Photography

Country	Republic of PERU		Area	Central Part	No	11
day of the week	day-month	weather	work	area been photographed Km ²		
SUN	29/8	cloudy rainy	preparation for withdrawal	0		
MON	30/8	"	"	0		
TUE	31/8	"	withdrawal completed	0		
WED						
THU						
FRI						
SAT						
				progress ratio	100 %	
survey area 				weekly product On 31th August, withdrawal has finished.		

A-3 Calibration Certificate

Wild Lens Cone

No 15 UAg. 1101

Type : RC 10

Lens Cone / Camera

Type: RC 10
 No.: 15 UAg. 1101
 Format: 9" x 9"

Lens

Calibration date: 25.9.75

Type: Universal - Avlogon
 No.: 1101
 f = 151.43 mm
 max. aperture: f/5.6

Resolving Power (Lines per millimeter)

High contrast and max. aperture f/5.6

Film: Agfapan 25 professional
 Glass plate:

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°
rad.	53	53	52	51	55	48	51	49	26	8			
long.	53	53	51	49	42	49	44	40	35	19			

rad.													
long.													

Distortion in millimeters

The given distortion is the arithmetic mean of the four semi-diagonals. Positive values denote image displacement away from center.

Goniometer measurements made with no filter on Lens Cone

Calibrated focal length: 151.43 mm

Radius	20	40	60	80	100	120	140	148
Distortion	+0.005	+0.008	+0.004	0.000	-0.006	-0.008	+0.001	+0.010

The displacement of the principal point of autocollimation from the intersection of the diagonals (fiducial center) is within 0.01 mm.

Date of Dispatch: 22.10.75

WILD HEERBRUGG LTD

Lens Cone/Camera

Lens

Calibration date: 25.9.75

Type: RC 10

Type: Universal - Avlogon

Format: 9" x 9"

No.: 15 UAg.1101 **f =** 151.43 mm

Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S):

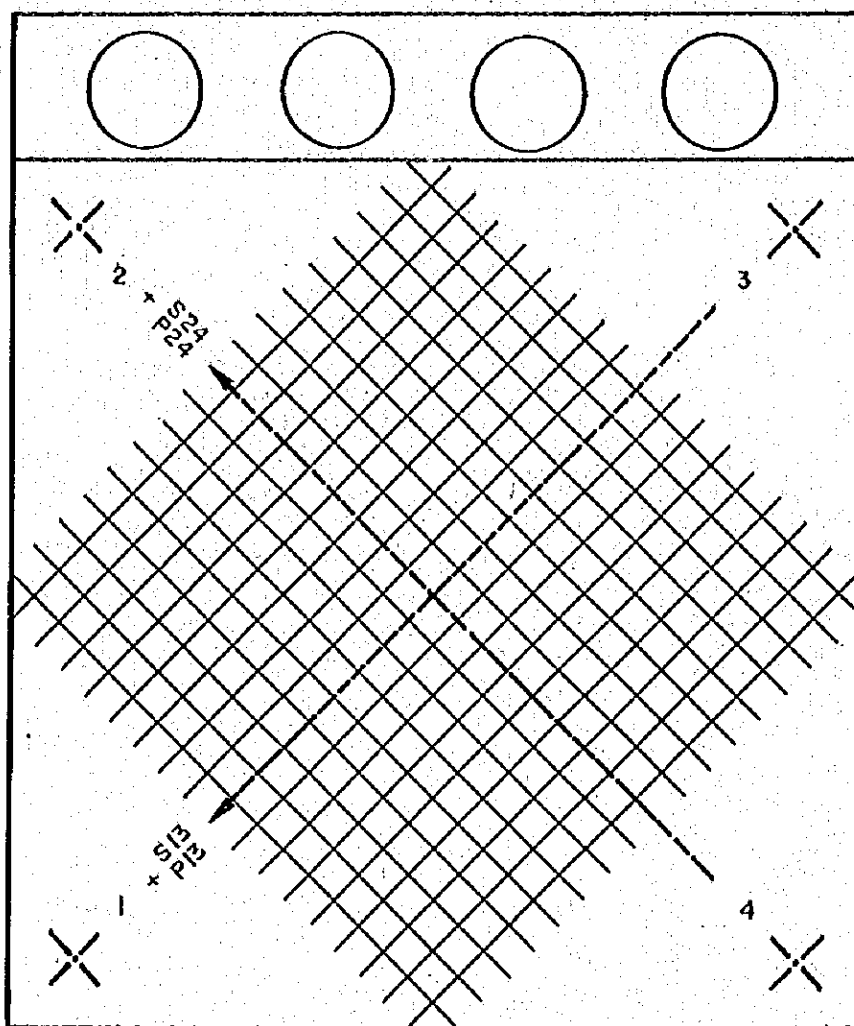
S13 = $-1\mu\text{m}$ **S24 =** $-1\mu\text{m}$

Principal Point of Autocollimation (PPA):

P13 = $+4\mu\text{m}$ **P24 =** $+1\mu\text{m}$

(Calibration without filter)

(Seen on Focal Plane Frame)



SCALE: 1000:1

Distances between Fiducial Marks in mm:

1 - 2 = 212.005

1 - 3 = 299.822

2 - 3 = 212.001

2 - 4 = 299.815

3 - 4 = 212.009

4 - 1 = 211.999

A - 21

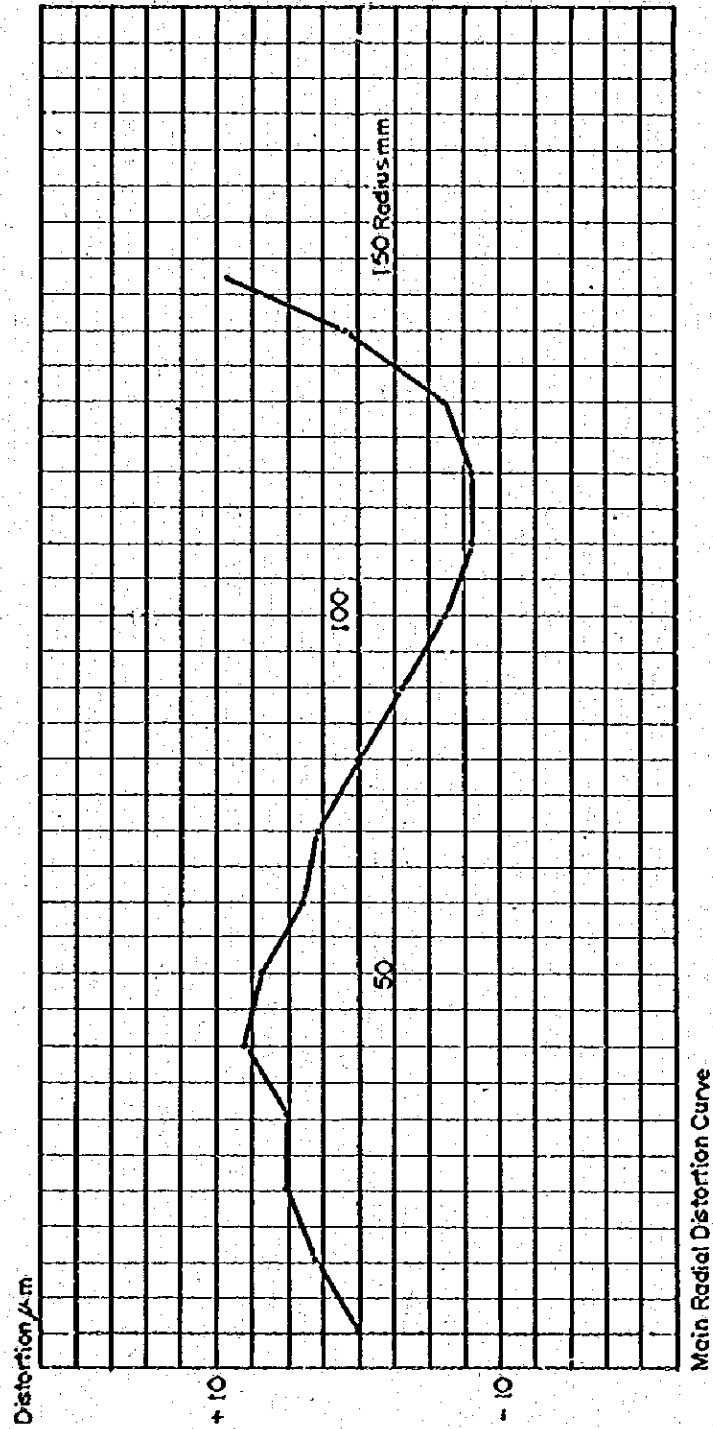
WILD HEERBRUGG LTD

WILD UNIVERSAL-AVIAGON

Lens Cone 9" x 9"

15 UA ϕ 1101

f = 151.43 mm



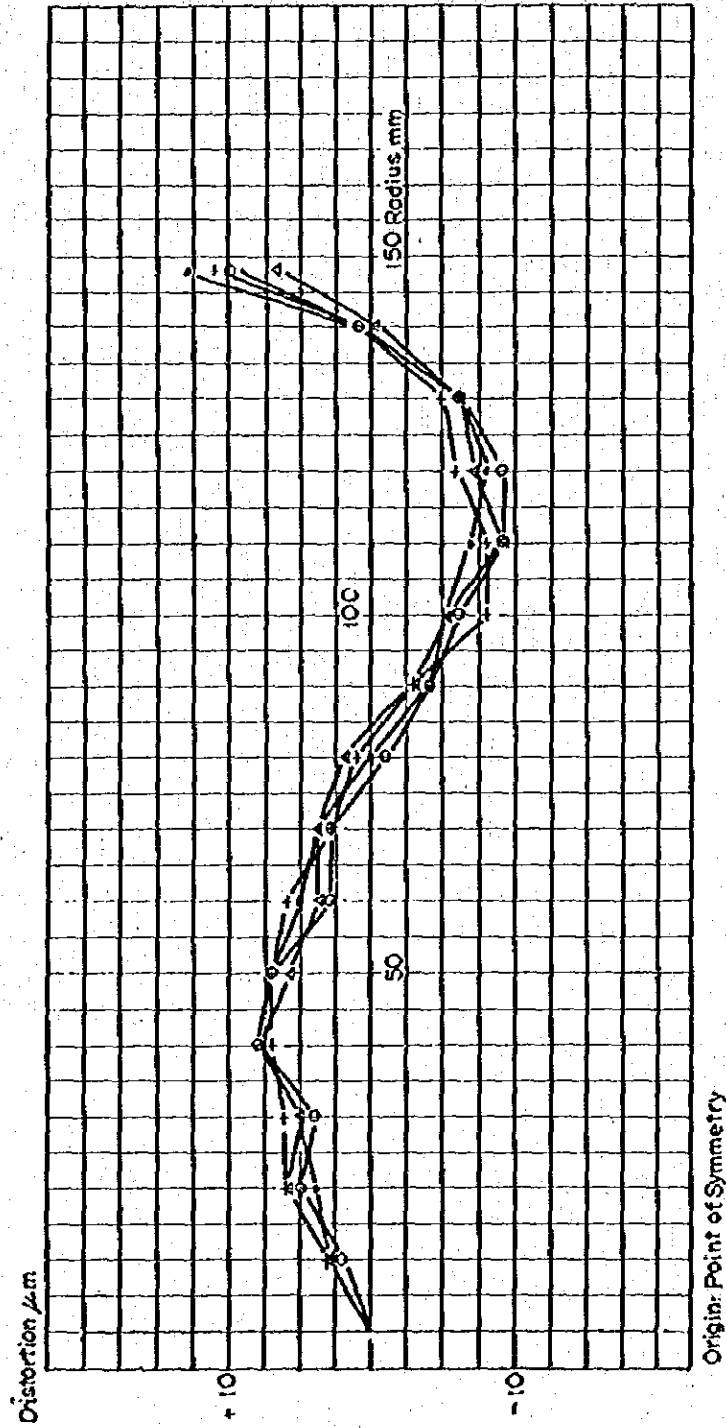
WILD HEERBRUGG.LTD
25.9.75

WILD UNIVERSAL-AVIAGON

Lens Cone 9" x 9"

15UAq. 1101

f = 151.43 mm



WILD HEERBRUGG LTD
25.9.75