84-1013-13180

INDIO - SCHNAPPS GROUP

GEOCHEMICAL SOIL SURVEYS
(A AND B GRIDS)

SPECIFIC CLAIMS INVOLVED:	Schnapps #1 (5962 (11)) Schnapps #2 (5963 (11)) Schnapps #3 (6595 (8)) Schnapps #4 (6596 (8)) Schnapps #5 (Not yet received) Indio #3 (Not yet received)
MINING DIVISION:	Omineca
SPECIFIC N.T.S. LOCATION:	93N/6W
LATITUDE AND LONGITUDE:	55°22'N 125°20'W
OWNER OF CLAIMS:	Imperial Metals Corporation
OPERATOR:	Imperial Metals Corporation
AUTHOR:	J.W. Morton
DATE:	November 1984

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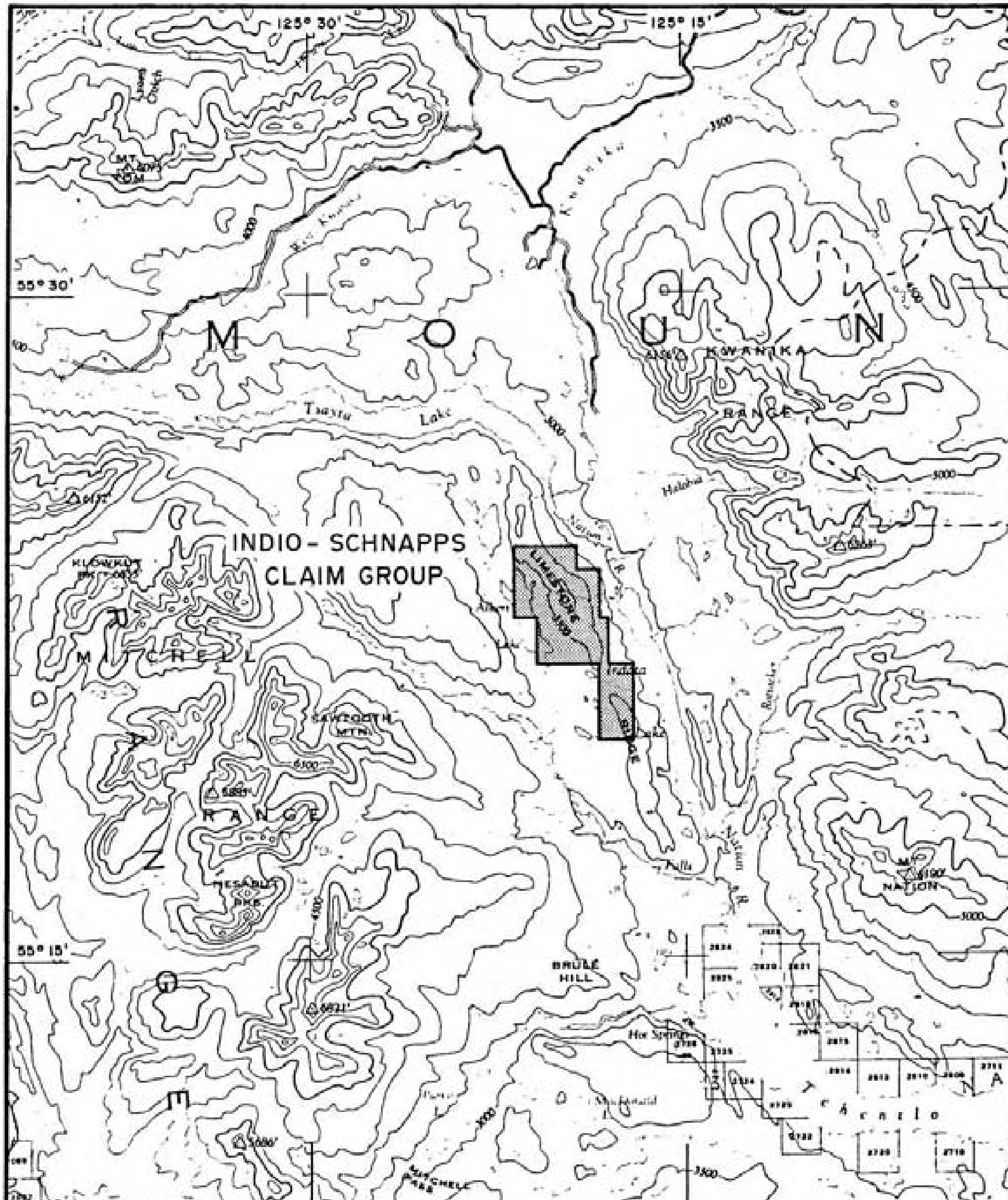


IMPERIAL METALS CORPORATION

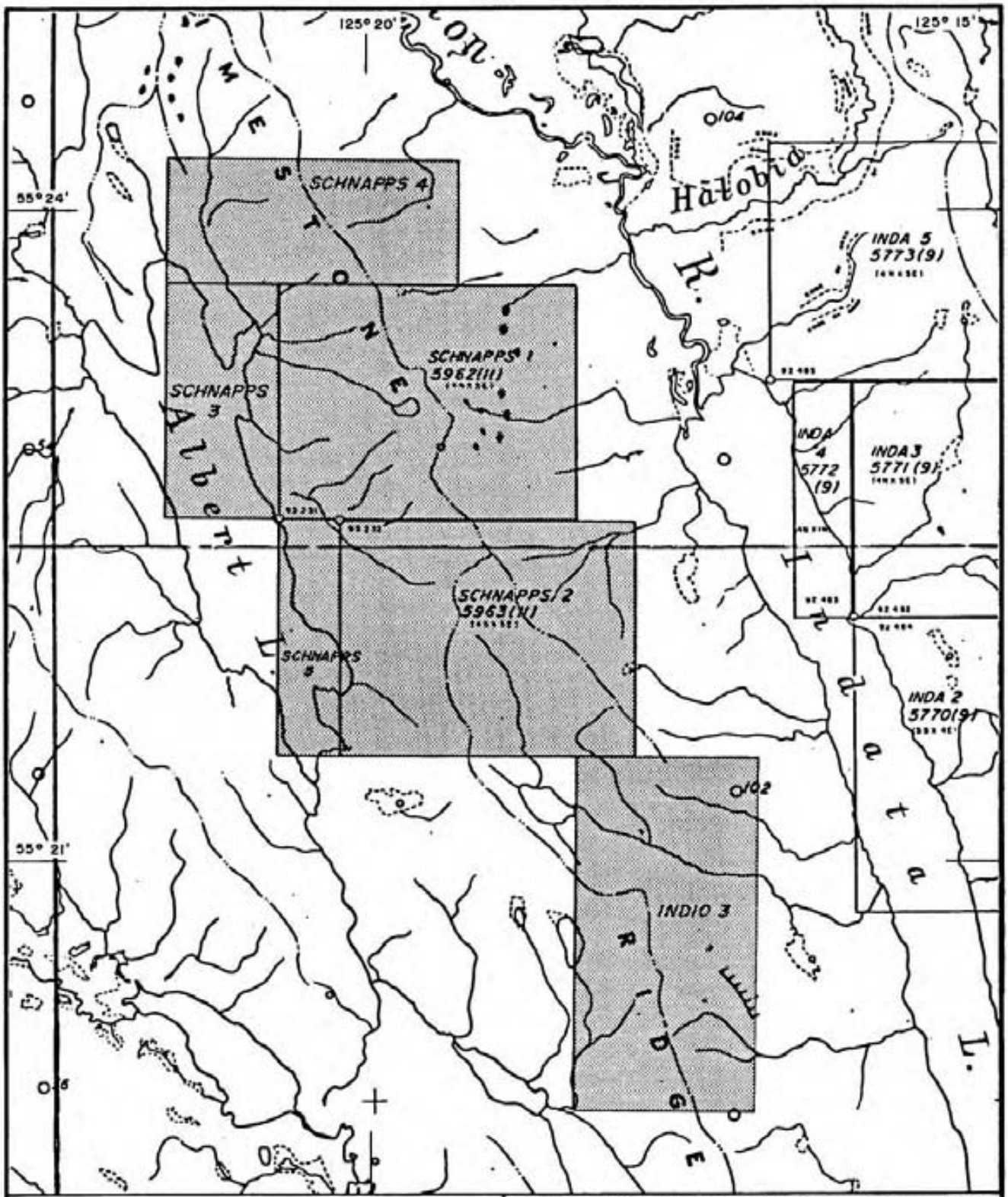
INDIO - SCHNAPPS

FIGURE I | N.T.S. 93N

LOCATION MAP

Km 5 0 5 10 Km

SCALE 1:250000	GEOLOGIST W. MORTON
DATE NOVEMBER 1984	DRAWN BY S. HAWORTH



IMPERIAL METALS CORPORATION

INDIO - SCHNAPPS

FIGURE 2 N.T.S. 93N/6W

CLAIM MAP

Km 1 0 1 2 Km

SCALE: 1 : 50 000	GEOLOGIST: W. MORTON
DATE: NOVEMBER 1984	DRAWN BY: S. HAWORTH

INTRODUCTION

(i) General Geographical and Physiographical Position

The Indio-Schnapps claims are located in North Central British Columbia approximately 125 kilometers northwest of Fort St. James, B.C. and 135 kilometers east northeast of Smithers, B.C. They are situated on the east side of Indata Lake at elevations varying between 875 and 1,250 meters (2,850 and 4,100 ft.). Terrain within the claims is generally moderately undulating except along a limestone ridge occupying the eastern side of the claims. The limestone ridge strikes northsouth and is expressed in a series of discontinuous cliffs, generally facing easterly.

The Indio-Schnapps claims are accessible by boat continuing from the end of a logging road at the northwest end of Tchentlo Lake. Alternatively the Indio-Schnapps claims are accessible by helicopter.

Almost all of the claims are vegetated by mature spruce forest.

Soils occuring on the claims are often thin and are predominantly Brunisolic types.

(ii) Property Definition (Published Geology)

The Indio-Schnapps property occurs within a structural feature known as the Pinchi Fault. The Pinchi Fault is a macroscopic structure extending for several hundred miles in a north northwest direction. In the Indata Lake area the principal fault zone is described as being in excess of 5,000 feet wide. It appears to be steeply dipping to the west but may flatten and assume the character of a low angle thrust fault at depth.

In the Indata Lake area Paleozoic rocks (marine sediments, carbonates and metavolcanics) appear to have been moved easterly over Mesozoic Takla Group volcanics. Numerous subsidiary faults branch off the main trend. Mercury mineralization, carbonatization and serpentinite intrusion occur in numerous locations in this section of the fault.*[1] At Albert Lake (Western portion of the claim group) an intrusive of intermediate composition has been mapped. (It is mapped as an Omineca intrusive of Upper Jurassic to Lower Cretaceous Age).*[2]

A very strong aeromagnetic anomaly has been mapped along the northerly trending axis of the claim group.*3

An active hot spring is presently precipitating mercury approximately eighteen kilometers south of the claim group.

*1 Armstrong, J.E., 1946, Map 844A-Takla: The Geological Survey of Canada.

*2 Rice, H.M., 1949, Map 971A- Smithers-Ft. St. James: The Geological Survey of Canada.

*3 Dept. of Energy Mines and Resources, 1969, Geophysical Paper 5260-Indata Lake.

(ii) Property Definition (Additional Geology)

Systematic geological mapping of the Indio-Schnapps claims has not yet been undertaken. Never-the-less geological observations obtained while supervising the geochemical survey have contributed the following geological information:

- The intermediate composition intrusive previously mapped in the western portion of the claims has not yet been observed.

- A very hard fine grained and well altered intermediate to basic volcanic has been observed in the northwestern portion of the claim group. This unit has been pervasively silicified and now can be described as a plagioclase-quartz-actinolite rock (two petrographical descriptions occur in the appendix of this report). The precursor to the plagioclase-quartz-actinolite rock is believed to have been a dacite or an andesite.

- The limestone ridge occupying the eastern portion of the claims has been intruded by serpentinite bodies in several places. The serpentinite intrusives form a north-south trend that in all likelyhood defines the locus of the Pinchi Fault.

(ii) Economic Potential

The Indio-Schnapps claims predominately offer potential for the occurrence of epithermal precious metal mineralization. The significance of the soil copper anomaly associated with the silicified volcanic section has not yet been assessed but may well indicate additional potential for the occurrence of base metal mineralization.

(iii) Summary of Work Completed

Two soil grids (Grid A and Grid B) were established on the property. A total of 15 kms of grid line was established using hip chain and compass for control. A total of 330 soil samples were collected and were shipped to Acme Analytical Labs in Vancouver for analyses. Samples were analysed using multi-element inductively coupled argon plasma techniques with gold analyses obtained by atomic absorption methods. Soil samples were collected using mattocks from the Bmf horizon (about 20 cm deep) and were air dried in paper bags before shipment to Acme Labs in Vancouver. Lab procedures are included in the geochemical certificates appearing in the Appendix of this report. Two rock specimens were collected and were set to Vancouver Petrographics Ltd. for petrographic analyses.

(iv) Grids A and B occur on the Schnapps 1 and 2 claims.

DETAILED TECHNICAL DATA AND INTERPRETATIONS

The results of the soil surveys are outlined on the enclosed maps:

Figure 3	Geochemistry	Cu, Au	A Grid (East Half)
Figure 4	Geochemistry	Cu, Au	A Grid (West Half)
Figure 5	Geochemistry	As, Sb	A Grid (East Half)
Figure 6	Geochemistry	As, Sb	A Grid (West Half)
Figure 7	Geochemistry	Cu, Au	B Grid
Figure 8	Geochemistry	As, Sb	B Grid

A very strong soil copper geochemical anomaly occurs on the A grid trending northwesterly from 1+00N, 0+50W over an area of approximately 500m by 100m. Copper values of several hundered parts per million to several thousand parts per million are common within this zone (7,700 ppm maximum).

Arsenic and antimony values are high in several zones within the A grid but appear to be most consistent on the east side of the A grid where arsenic values up to several thousand ppm occur.

A copper gold anomaly occurs within the B grid over an area of approximately 120m by 30m in the northeast corner of the grid. A high soil antimony value of 373 ppm occurs within this anomaly.

Rock samples collected from the high copper anomaly occurring in grid A and from the copper gold anomaly occuring in grid B have been determined to be silicified fine grained basic volcanic types.

Itemized Cost Statement

Manpower

Morton	June 24 - June 25, 1984	2 days @ $200/day	$ 400
R. Boase D. Dunlop P. Gundersen	June 21 - June 30, 1984 July 16 - July 21, 1984 August 15 - August 21, 1984	66 man days @ $75/day	4,950
Camp Costs	68 man days @ $35/day		2,380
Helicopter Costs	6.5 hours @ $450/hour		2,925
Geochemical Costs	330 samples @ $10.50 each		3,455
Consumables			200
Petrographic Analyses, contract costs			109
Communication (radio-tel lease etc.)			150
Vehicle Costs	3,700 km @ 25¢ km		925
Report Preparation and drafting			750
		TOTAL	$16,244

AUTHOR'S QUALIFICATIONS

I, JAMES W. MORTON, CERTIFY THE FOLLOWING:

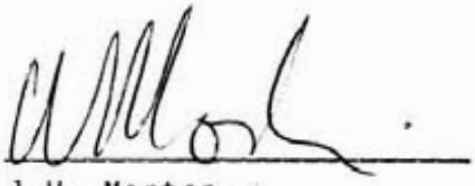
I graduated from Carelton University in 1971 with a Bachelor of Science in Geology.

I graduated from the University of British Columbia in 1976 with a Master of Science in Soil Science.

I have worked for various mining and exploration companies since 1968.

I am presently a permanent staff geologist with Imperial Metals Corporation of Vancouver, B.C.

I supervised all of the work described in this report.



J.W. Morton,
Exploration Geologist

A Grid

3+50N 4+00W

S-AA-2: ALTERED (ACTINOLITE-QUARTZ) VOLCANIC (DACITE ?).

This sample originally consisted mainly of an aggregate of fine shapeless to lath-like plagicolase grains, intergrown with some quartz. Pervasive alteration has resulted in the formation of quartz patches within the mass of plagioclase. Perhaps all the quartz (certainly most of it) has been introduced which would place the rock in the andesite classification field. Actinolite and opaques (pyrite, judging from hand specimen) are intergrown with the quartz. Minerals are:

plagioclase	37%
quartz	32
actinolite	20
opaque (pyrite)	6
chlorite	4
epidote	1

Plagioclase forms shapeless to lath-like interlocking grains 0.05 to 0.3mm in size which are intergrown with some fine quartz. Extremely fine chlorite occurs between the plagioclase grains and is partly replacing them. The chlorite is concentrated in irregularly shaped patches up to 1mm in size where it forms a mass of flakes 0.05 to 0.1mm in size. In places rounded epidote grains less than 0.05mm in size occur in clusters within the plagioclase.

Quartz forms irregulalrly shaped to subrounded grains 0.1 to 0.6mm in size which occur in partly interconnected patches up to a few millimeters in size which have replaced the plagioclase. Small remnants of the plagioclase occur within the quartz patches. Sometimes there are small prismatic epidote grains within the quartz. There is also a veinlet of quartz about 1mm wide where the quartz is intergrown with tabular plagioclase grains about 0.3mm in size. Contacts with the rock are not sharp.

The quartz is associated with actinolite and pyrite (identified in hand specimen). The actinolite forms ragged acicular grains 0.05 to 0.3mm in length which occur in aggregates and clusters replacing the plagioclase around the quartz patches and are also intergrown with and included within the quartz grains. Small radiating clusters occur within the plagioclase away from the quartz patches. Very fine actinolite grains are included in the quartz and plagioclase in the veinlet.

The pyrite forms cubic to rounded grains 0.05 to 0.5mm in size. The larger ones usually occur in small aggregates which are intergrown with quartz; actinolite clusters around these and is sometimes intergrown with the pyrite. These actinolites are usually much broader than the more typical acicular grains. The smaller pyrite grains are disseminated throughout the plagioclase part of the rock.

B Grid
4+75N 1+75E

S-AB-1: ALTERED (ACTINOLITE - QUARTZ) VOLCANIC.

This sample originally consisted of a mass of fine plagioclase grains and was probabaly an andesite. Pervasive silicification has resulted in the formation of a partly interconnected patchy network of quartz within the mass of plagioclase. Actinolite is intergrown with the quartz and also occurs in patches within the volcanic parts of the rock. Further alteration (authigenic?) has resulted in bleaching and staining of the amphibole by limonite; this is associated with fine carbonate and chlorite. Minerals are:

plagioclase	35%	
actinolite	35	
quartz	30	
Fe-Ti oxide	minor	
chlorite	minor	
sericite	minor	
calcite	trace	
opaque	trace	(altering to limonite)

Plagioclase forms a mass of subrounded grains about 0.03mm in size. There are vague outlines of larger grains up to 0.2mm in size suggesting that the fine plagioclase has been recrystallised from these during the alteration. Extremely fine Fe-Ti oxides are disseminated within the plagioclase. In places there are very fine flakes of sericite within the plagioclase.

Alteration has resulted in the formation of a closely spaced, partly interconnected patchy network of quartz and actinolite within the plagioclase. The quartz forms subrounded to irregularly shaped grains 0.05 to 0.3mm in size. Interconnected patches may be a few millimeters in size; isolated ones are much smaller. In the larger patches actinolite occurs in a network amongst the quartz grains. It forms fine feathery or acicular grains up to 0.2mm in length which are growing into the quartz. The fine network of actinolite is continuous into the volcanic parts of the rock and it also occurs in patches within the plagioclase where it forms grains up to 1mm in length. Sericite in the plagioclase tends to occur near the actinolitic patches.

The actinolite has been bleached and stained a light brown colour by limonite; the green colour is preserved in the core of the patches. The limonite is derived from cubic opaque grains (altered pyrite??) up to 0.1mm in size which occur scattered about the patchy network of actinolite. Bleaching is probably due to the addition of calcite and chlorite which have been introduced along very thin fractures. Small chlorite patches are sometimes intergrown with the actinolite and very fine chlorite occurs in thin discontinuous vein-like patches within the plagioclase. Calcite also forms very fine grains occuring in thin vein-like patches in the plagioclase or in places it occurs as fine specks. Some of the actinolites have been pseudomorphically replaced by fine calcite.

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL -80 MESH PULVERIZED AU## ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE

DATE RECEIVED: AUG 21 1984 DATE REPORT MAILED: Aug 27/84 ASSAYER.. D. DeYoe DEAN TOYE. CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT # 4114-364 FILE # 84-2201 PAGE 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU## FPB
AA 5+00N 5+00W	3	57	12	68	.2	46	10	867	2.84	23	5	ND	2	14	1	29	2	41	.45	.05	12	38	.58	213	.02	5	1.44	.01	.08	2	1
AA 5+00N 4+75W	3	48	10	110	.1	31	8	291	3.49	30	5	ND	2	9	1	2	2	49	.15	.14	9	38	.45	194	.03	4	1.44	.01	.05	2	2
AA 5+00N 4+50W	4	74	9	104	.1	45	9	1709	3.23	27	5	ND	2	13	1	28	2	45	.59	.07	10	37	.50	230	.02	4	1.53	.01	.05	2	1
AA 5+00N 4+25W	4	91	10	106	.2	48	10	1712	3.30	52	5	ND	2	16	1	26	2	46	.78	.08	10	44	.53	240	.02	4	1.58	.01	.06	2	1
AA 5+00N 4+00W	2	27	7	88	.1	20	5	420	2.65	22	5	ND	2	8	1	2	2	48	.12	.06	9	25	.35	218	.03	3	.95	.01	.05	2	1
AA 5+00N 3+75W	5	722	9	118	.9	95	14	3134	3.71	407	5	ND	2	23	2	25	2	51	1.38	.12	10	88	.67	304	.02	8	1.72	.01	.09	2	4
AA 5+00N 3+50W	2	25	6	51	.1	17	4	174	1.93	69	5	ND	2	7	1	2	2	38	.15	.04	7	26	.27	106	.02	4	.75	.01	.04	2	1
AA 5+00N 3+25W	2	119	9	75	.1	54	11	744	3.06	250	5	ND	2	13	1	7	2	47	.41	.05	11	78	.71	218	.03	4	1.54	.01	.07	2	2
AA 5+00N 3+00W	3	109	12	103	.2	45	12	1763	3.14	87	5	ND	2	12	1	5	2	48	.44	.05	13	42	.54	247	.02	4	1.72	.01	.07	2	2
AA 5+00N 2+75W	2	31	10	161	.1	29	7	329	3.72	31	5	ND	2	9	1	2	2	54	.15	.13	8	36	.51	194	.04	3	1.69	.01	.06	3	4
AA 4+50N 5+00W	2	354	12	68	.1	42	10	758	2.85	38	5	ND	2	12	1	3	2	44	.47	.04	12	40	.55	215	.02	3	1.42	.01	.06	3	1
AA 4+50N 4+75W	1	99	5	61	.1	28	8	450	2.18	133	5	ND	2	12	1	2	2	36	.56	.03	8	33	.40	140	.02	3	.93	.01	.05	2	2
AA 4+50N 3+75W	1	21	8	55	.1	17	6	275	2.25	20	5	ND	2	6	1	2	2	31	.08	.10	6	20	.23	97	.02	2	.79	.01	.03	2	1
AA 4+50N 3+50W	1	31	7	57	.1	17	5	217	2.15	19	5	ND	2	7	1	2	2	41	.13	.03	7	24	.32	85	.02	3	.85	.01	.04	2	4
AA 4+50N 3+25W	2	36	10	75	.1	32	7	248	3.19	26	5	ND	2	8	1	2	2	51	.12	.07	7	38	.54	126	.03	2	1.25	.01	.05	2	4
AA 4+50N 3+00W	2	54	7	87	.1	33	8	240	2.95	27	5	ND	2	6	1	2	2	47	.07	.15	8	44	.55	139	.03	4	1.84	.01	.05	2	4
AA 4+50N 2+75W	2	48	9	72	.1	34	6	261	2.96	23	5	ND	2	7	1	2	2	48	.07	.08	10	50	.70	144	.02	2	1.60	.01	.06	2	2
AA 4+50N 2+50W	1	25	7	50	.1	16	4	257	2.08	17	5	ND	2	6	1	2	2	44	.05	.04	8	30	.55	88	.04	3	1.13	.01	.04	2	1
AA 4+50N 2+25W	2	28	9	75	.1	25	5	291	3.13	26	5	ND	2	6	1	2	2	41	.07	.16	8	31	.35	89	.03	3	1.37	.01	.03	2	3
AA 4+50N 1+75W	2	43	7	85	.1	88	10	518	3.04	30	5	ND	2	15	1	3	2	44	.45	.08	10	62	.78	182	.04	4	1.35	.01	.06	2	4
AA 4+50N 1+50W	2	44	10	119	.4	121	11	584	3.00	33	5	ND	2	12	1	3	2	45	.46	.06	11	67	.69	231	.03	2	1.46	.01	.08	2	3
AA 4+50N 1+25W	3	44	8	87	.3	189	16	974	3.24	47	5	ND	2	14	1	8	2	43	.53	.06	12	125	.99	223	.02	4	1.46	.01	.07	2	4
AA 4+50N 1+00W	2	31	7	55	.1	141	16	518	2.74	68	5	ND	2	12	1	7	2	37	.25	.06	9	120	1.14	121	.02	3	1.08	.01	.07	2	4
AA 4+50N 0+75W	2	23	6	50	.1	110	15	446	2.49	48	5	ND	2	10	1	2	2	37	.15	.05	9	123	1.12	125	.02	4	1.05	.01	.06	2	1
AA 4+50N 0+50W	2	53	9	55	.2	152	15	760	2.85	122	5	ND	2	16	1	9	2	41	.87	.07	11	122	1.04	172	.01	6	1.25	.01	.07	2	4
AA 4+50N 0+25W	1	23	6	67	.1	66	10	279	2.33	37	5	ND	2	8	1	2	2	36	.15	.05	9	65	.68	116	.02	3	1.05	.01	.05	2	4
AA 4+50N 0+00W	2	19	9	81	.1	23	5	153	2.47	18	5	ND	2	7	1	2	2	40	.14	.07	7	31	.37	163	.02	3	1.20	.01	.04	2	4
AA 4+00N 5+00W	2	29	9	87	.1	46	7	290	2.59	23	5	ND	2	11	1	2	2	41	.19	.05	10	42	.60	232	.03	3	1.40	.01	.07	2	2
AA 4+00N 4+75W	2	1983	6	55	.4	42	10	677	2.37	177	5	ND	2	19	1	7	2	35	1.22	.06	7	45	.58	146	.02	6	1.08	.01	.06	2	16
AA 4+00N 4+50W	2	612	11	71	.4	71	12	700	3.17	225	5	ND	2	18	1	11	2	43	.93	.06	9	66	.62	220	.02	5	1.42	.01	.06	2	3
AA 4+00N 4+25W	2	597	5	69	.1	54	10	556	2.42	72	5	ND	2	23	1	5	2	35	1.55	.08	7	50	.68	185	.02	6	1.21	.01	.06	2	3
AA 4+00N 4+00W	2	194	7	75	.1	62	10	462	2.72	26	5	ND	2	11	1	2	2	42	.33	.03	9	60	.76	140	.04	5	1.33	.01	.06	2	1
AA 4+00N 3+75W	3	2452	9	87	.2	107	11	698	3.89	35	6	ND	2	32	1	5	2	50	2.14	.12	22	71	.67	344	.01	6	2.58	.01	.12	2	12
AA 4+00N 3+50W	1	227	8	61	.1	23	5	281	2.22	15	5	ND	2	7	1	2	2	41	.16	.04	8	42	.44	138	.02	2	.85	.01	.05	2	1
AA 4+00N 3+25W	3	296	7	78	.1	21	7	171	3.24	11	5	ND	2	7	1	2	2	68	.21	.05	5	60	.93	109	.01	2	1.12	.01	.04	2	2
AA 4+00N 3+00W	1	38	5	47	.1	20	5	233	2.18	20	6	ND	2	5	1	2	3	39	.09	.04	7	27	.30	103	.02	2	.78	.01	.05	2	1
AA 4+00N 2+75W	2	41	10	83	.1	32	6	232	3.07	31	5	ND	2	6	1	2	2	42	.07	.11	10	46	.55	121	.02	4	1.63	.01	.06	2	2
STD S-1 FA-AU	88	122	114	183	31.0	151	80	495	3.16	119	95	35	167	125	79	71	87	58	.56	.12	127	62	.58	122	.08	164	1.41	.21	.21	63	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
AA 3+50N 5+00W	1	29	9	50	.2	48	6	253	1.83	41	5	ND	3	17	1	17	2	27	.34	.06	8	40	.57	147	.02	4	.82	.01	.05	2	3
AA 3+50N 4+75W	1	154	13	99	.4	140	11	1060	3.48	138	5	ND	2	20	2	45	2	46	1.14	.09	11	64	.72	309	.02	3	1.59	.01	.06	2	7
AA 3+50N 4+50W	1	246	9	90	.7	118	10	835	3.33	146	5	ND	2	19	2	37	2	48	1.05	.08	10	66	.73	279	.02	3	1.57	.01	.06	2	11
AA 3+50N 4+25W	1	5600	14	104	.1	124	13	825	4.01	120	5	ND	2	27	2	25	2	54	1.15	.12	22	74	.80	273	.02	3	2.40	.01	.11	2	9
AA 3+50N 4+00W	1	5322	9	55	.1	60	31	534	3.28	20	5	ND	2	20	1	4	2	53	.92	.09	10	57	.84	125	.02	4	1.98	.01	.05	2	14
AA 3+50N 3+75W	1	402	6	44	.1	30	7	223	2.45	20	5	ND	3	8	1	2	2	43	.17	.03	6	39	.68	103	.02	2	1.13	.01	.04	2	4
AA 3+50N 3+50W	1	175	11	83	.1	65	8	243	3.64	32	5	ND	2	8	1	6	2	52	.15	.12	7	57	.70	148	.02	2	1.60	.01	.04	2	1
AA 3+50N 3+25W	1	912	12	91	.1	63	12	954	3.10	26	5	ND	2	12	1	4	2	48	.48	.05	11	47	.65	188	.02	2	1.56	.01	.05	2	3
AA 3+50N 3+00W	1	466	6	48	.1	27	7	400	2.11	17	5	ND	2	9	1	2	3	39	.32	.03	5	28	.34	119	.02	2	.86	.01	.03	2	1
AA 3+50N 2+75W	1	304	9	53	.1	34	7	481	2.38	19	5	ND	2	9	1	2	2	44	.40	.03	6	29	.43	132	.03	2	.98	.01	.03	2	1
AA 3+50N 2+50W	1	353	7	54	.1	31	9	255	3.85	24	5	ND	3	7	1	2	2	71	.19	.03	7	65	.79	81	.02	3	1.40	.01	.02	2	5
AA 3+50N 2+25W	1	48	5	38	.1	28	6	162	2.06	15	5	ND	2	5	1	2	2	39	.15	.02	6	33	.39	101	.02	2	.96	.01	.02	2	2
AA 3+50N 2+00W	1	91	6	42	.1	20	5	196	1.70	19	5	ND	3	6	1	2	2	33	.25	.02	5	26	.34	70	.03	2	.74	.01	.02	2	1
AA 3+50N 1+75W	1	157	9	99	.1	75	10	599	2.80	74	5	ND	2	10	1	4	2	43	.47	.04	8	53	.61	143	.03	3	1.37	.01	.04	2	7
AA 3+50N 1+50W	1	56	8	95	.4	98	10	542	2.87	84	5	ND	2	12	1	8	2	43	.69	.05	7	68	.69	155	.02	3	1.25	.01	.04	2	125
AA 3+50N 1+25W	1	45	10	66	.3	85	12	355	2.73	90	5	ND	2	13	1	12	2	45	.59	.04	8	80	.63	164	.01	3	1.18	.01	.04	2	2
AA 3+50N 1+00W	1	55	10	70	.2	186	14	675	2.70	84	5	ND	2	17	1	12	2	39	1.22	.08	8	111	1.20	172	.01	5	1.22	.01	.05	2	1
AA 3+50N 0+75W	1	23	8	97	.5	42	6	211	2.25	27	5	ND	2	7	1	4	2	35	.13	.05	6	41	.40	122	.02	2	.93	.01	.03	2	1
AA 3+50N 0+50W	1	16	4	56	.2	41	4	132	1.84	22	5	ND	2	8	1	5	2	33	.23	.03	5	36	.38	93	.02	2	.75	.01	.03	2	1
AA 3+50N 0+25W	1	46	9	66	.4	160	16	817	2.87	36	5	ND	2	12	1	7	2	41	.45	.05	11	121	.91	203	.01	2	1.32	.01	.05	2	2
AA 3+50N 0+00W	1	25	7	49	.1	88	13	484	2.39	33	5	ND	3	11	1	9	2	36	.27	.06	8	93	.94	106	.02	3	.98	.01	.04	2	4
AA 3+00N 5+00W	2	41	12	132	.5	61	9	434	3.26	38	5	ND	3	17	1	4	2	63	.31	.05	9	57	.91	315	.04	2	1.75	.01	.05	4	3
AA 3+00N 4+75W	1	113	13	83	.3	134	10	483	3.17	103	5	ND	2	16	1	42	2	48	.87	.07	11	62	.76	254	.03	3	1.60	.01	.05	2	5
AA 3+00N 4+50W	1	54	9	56	.3	73	7	383	2.36	75	5	ND	3	13	1	36	2	37	.57	.04	8	45	.62	151	.03	3	1.04	.01	.05	2	6
AA 3+00N 3+75W	1	7771	10	72	.1	94	20	914	3.44	19	5	ND	2	28	1	6	2	45	1.36	.11	17	57	.77	221	.01	2	2.25	.01	.08	2	21
AA 3+00N 3+50W	1	3066	12	68	.1	86	30	756	3.57	23	5	ND	2	14	1	5	2	51	.49	.07	11	59	.79	166	.02	3	2.04	.01	.07	2	7
AA 3+00N 3+25W	1	318	8	52	.1	29	6	164	2.87	18	5	ND	3	7	1	2	2	49	.08	.04	8	45	.55	115	.02	2	1.34	.01	.03	2	4
AA 3+00N 3+00W	1	246	8	70	.2	63	9	588	2.73	20	5	ND	2	11	1	4	2	41	.48	.05	10	47	.69	170	.02	2	1.41	.01	.04	2	3
AA 3+00N 2+75W	1	106	6	59	.1	32	7	214	2.48	12	5	ND	2	9	1	4	2	43	.34	.03	5	42	.56	96	.03	2	1.08	.01	.02	2	1
AA 2+00N 5+00W	1	25	8	52	.2	34	5	230	1.59	12	5	ND	2	13	1	7	2	29	.22	.05	8	31	.54	190	.02	3	.98	.01	.04	2	1
AA 2+00N 4+75W	1	40	9	56	.1	78	7	446	2.27	61	5	ND	2	11	1	34	2	36	.31	.06	7	52	.67	169	.02	2	1.18	.01	.03	2	1
AA 2+00N 3+25W	1	15	5	14	.2	11	2	68	.97	6	5	ND	3	6	1	3	2	29	.12	.01	5	22	.23	91	.03	2	.46	.01	.01	2	1
AA 2+00N 3+00W	1	92	8	47	.2	39	8	210	2.26	10	5	ND	2	9	1	2	2	42	.31	.02	6	51	.60	107	.02	2	1.05	.01	.02	2	2
AA 2+00N 2+75W	1	566	9	70	.2	77	12	751	2.90	28	5	ND	2	14	1	5	2	40	.76	.04	9	52	.69	162	.02	4	1.29	.01	.05	2	6
AA 1+00N 2+75W	1	332	9	67	.2	200	18	770	3.46	134	5	ND	2	17	1	18	2	52	.64	.08	11	144	1.36	136	.02	3	1.55	.01	.05	2	14
STD S-1/FA-AU	64	121	114	182	32.2	159	80	494	3.16	112	95	34	167	125	77	69	87	58	.56	.12	124	63	.58	122	.08	161	1.41	.20	.19	65	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
AA 0+50N 3+00W	3	191	11	59	.1	97	11	502	2.90	107	5	ND	2	25	1	3	2	41	1.61	.06	9	77	.83	194	.02	5	1.45	.01	.06	2	4
AA 0+50N 2+75W	2	159	12	62	.2	102	13	744	2.83	67	5	ND	2	16	1	3	2	42	.73	.06	9	78	.95	149	.02	3	1.26	.01	.06	2	3
AA 0+50N 2+50W	2	155	9	60	.2	98	13	637	2.77	54	5	ND	2	14	1	3	2	44	.54	.05	8	78	.97	130	.02	3	1.21	.01	.06	2	2
AA 0+50N 2+25W	3	184	8	68	.4	97	12	705	2.67	40	5	ND	2	20	1	2	2	40	1.24	.07	8	80	.82	149	.02	5	1.17	.01	.07	2	1
AA 0+50N 2+00W	3	258	10	66	.3	131	13	748	2.72	35	5	ND	2	23	1	2	2	38	1.49	.08	9	85	.90	177	.02	5	1.30	.01	.07	2	2
AA 0+50N 1+75W	3	139	13	74	.1	133	15	800	3.20	39	5	ND	2	16	1	2	2	46	.68	.06	10	100	1.07	184	.02	4	1.47	.01	.06	2	2
AA 0+50N 1+50W	2	153	13	76	.1	120	15	834	3.44	33	5	ND	2	15	1	2	2	52	.60	.06	10	96	.95	201	.02	3	1.71	.01	.06	2	4
AA 0+50N 1+25W	2	24	7	113	.1	48	10	600	2.30	19	8	ND	2	8	1	2	3	38	.14	.08	8	59	.59	177	.02	3	.94	.01	.05	2	1
AA 0+50N 1+00W	2	75	10	145	.1	54	12	1337	2.64	15	8	ND	2	8	1	2	2	40	.22	.10	9	57	.62	225	.02	3	1.17	.01	.07	3	1
AA 0+50N 0+75W	2	76	10	80	.4	74	11	691	2.88	24	5	ND	2	10	1	2	2	47	.35	.04	8	79	.94	147	.02	2	1.47	.01	.07	2	1
AA 0+50N 0+50W	2	47	5	96	.1	37	7	230	2.87	13	9	ND	2	9	1	2	2	48	.16	.13	7	61	.84	99	.03	2	1.25	.01	.04	2	1
AA 0+50N 0+25W	2	30	7	92	.1	33	9	811	2.36	15	6	ND	2	9	1	2	2	44	.30	.06	6	55	.63	149	.02	2	.95	.01	.05	2	1
AA 0+00N 3+00W	2	133	10	61	.2	103	15	745	3.03	394	5	ND	2	12	1	6	3	46	.44	.06	9	89	.98	139	.02	3	1.34	.01	.05	2	2
AA 0+00N 2+75W	2	142	9	63	.2	94	11	512	2.96	341	5	ND	2	16	1	7	2	47	.68	.06	10	90	.93	165	.02	4	1.41	.01	.05	2	3
AB 5+75N 0+75E	2	196	14	60	.4	61	17	1977	3.67	327	5	ND	2	12	1	2	2	60	.48	.08	10	81	.87	151	.01	3	2.17	.01	.02	2	1
AB 5+75N 1+00E	2	105	7	43	.1	46	8	234	3.06	35	5	ND	2	8	1	2	3	56	.10	.05	7	72	.93	99	.02	2	1.91	.01	.03	2	1
AB 5+75N 1+25E	1	14	3	16	.1	12	3	109	1.47	8	5	ND	2	4	1	2	2	54	.06	.02	5	30	.27	41	.02	2	.70	.01	.02	2	1
AB 5+75N 1+50E	2	34	6	42	.2	37	10	208	3.91	38	5	ND	2	7	1	2	2	91	.08	.11	8	74	.77	53	.04	4	1.77	.01	.03	2	6
AB 5+75N 1+75E	2	79	8	53	.1	91	9	228	3.50	85	5	ND	2	6	1	4	2	60	.05	.09	6	117	1.17	65	.02	2	2.36	.01	.03	2	1
AB 5+75N 2+00E	2	41	17	40	.2	37	6	198	3.43	91	5	ND	2	6	1	2	2	71	.06	.05	7	75	.67	63	.02	2	1.67	.01	.03	2	5
AB 5+75N 2+25E	2	65	10	46	.1	43	7	236	3.18	43	5	ND	2	9	1	2	2	55	.26	.04	8	59	.79	111	.02	3	1.60	.01	.02	2	1
AB 5+75N 2+50E	2	21	6	27	.2	20	4	110	2.81	35	5	ND	2	5	1	2	3	66	.04	.03	6	35	.30	57	.05	2	.95	.01	.02	2	1
AB 5+50N 0+75E	1	142	10	61	.3	86	17	1427	3.83	142	5	ND	2	13	1	2	2	62	.51	.06	8	101	1.04	145	.01	2	2.27	.01	.03	2	1
AB 5+50N 1+00E	1	92	7	46	.1	45	8	254	4.10	53	5	ND	2	7	1	2	2	83	.05	.05	5	82	.86	77	.03	3	2.01	.01	.03	2	1
AB 5+50N 1+25E	1	86	11	51	.1	50	9	312	3.98	88	5	ND	2	8	1	2	3	75	.06	.07	6	81	.92	77	.02	5	2.14	.01	.03	2	1
AB 5+50N 1+50E	1	54	8	24	.1	21	11	129	2.61	18	5	ND	2	6	1	2	2	69	.08	.06	5	32	.60	56	.01	2	2.25	.01	.03	2	12
AB 5+50N 1+75E	1	41	13	36	.1	40	6	203	3.14	63	8	ND	2	7	1	2	4	63	.07	.11	7	68	.76	80	.02	2	1.58	.01	.03	2	3
AB 5+50N 2+00E	2	42	7	35	.1	42	6	169	2.76	86	5	ND	2	6	1	2	2	72	.07	.06	6	67	.66	51	.03	3	1.26	.01	.02	2	6
AB 5+50N 2+25E	1	65	7	50	.1	47	7	185	3.97	122	5	ND	2	7	1	2	2	89	.07	.05	5	78	.77	88	.04	3	1.61	.01	.02	2	1
AB 5+50N 2+50E	1	23	8	33	.2	19	4	120	4.17	45	5	ND	2	5	1	2	2	86	.04	.06	7	48	.33	57	.04	2	1.47	.01	.02	2	1
AB 5+25N 0+75E	5	319	17	99	.8	169	24	3776	4.82	82	5	ND	2	14	1	2	2	69	.60	.12	14	135	1.09	198	.01	3	4.09	.01	.05	2	1
AB 5+25N 1+00E	1	47	6	30	.3	25	5	174	2.78	48	5	ND	2	6	1	2	2	67	.07	.04	5	41	.47	49	.03	2	1.06	.01	.03	2	1
AB 5+25N 1+25E	2	127	7	39	.1	46	7	195	3.75	42	5	ND	2	5	1	2	2	74	.04	.07	6	73	.77	63	.02	2	2.09	.01	.02	2	4
AB 5+25N 2+50E	1	22	21	40	.1	34	5	187	2.86	103	5	ND	2	6	1	2	2	53	.06	.03	7	73	.67	52	.02	2	1.21	.01	.02	2	1
AB 5+25N 2+75E	2	42	7	44	.1	41	6	176	3.87	57	5	ND	2	6	1	2	2	70	.04	.08	7	70	.66	59	.02	3	1.92	.01	.03	2	1
AB 5+25N 3+00E	1	49	9	42	.1	33	7	164	3.69	51	5	ND	2	5	1	2	2	68	.04	.10	6	69	.62	60	.03	2	2.32	.01	.03	2	38
AB 5+25N 3+25E	2	66	9	38	.1	34	7	163	3.62	31	5	ND	2	4	1	2	2	63	.03	.05	6	61	.56	59	.03	2	2.08	.01	.03	2	4
STD S-1/FA-AU	87	122	114	181	21.0	151	80	498	3.16	110	90	34	167	125	78	72	90	58	.56	.12	125	63	.58	122	.08	162	1.42	.19	.18	61	49

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL -80 MESH + PULVERIZED AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE

DATE RECEIVED: AUG 3 1984 DATE REPORT MAILED: Aug 9/84 ASSAYER. D. Toye .DEAN TOYE. CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT # PINCHI FILE # 84-1931 PAGE 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
AA 4+50N 1+50E	2	28	13	60	.1	49	7	279	3.05	51	2	ND	2	12	1	5	2	62	.39	.06	6	62	.36	118	.03	3	1.19	.01	.04	2	1
AA 4+50N 1+75E	1	21	8	59	.1	73	9	255	3.33	72	2	ND	2	7	1	5	2	68	.13	.05	6	89	.76	97	.03	2	1.68	.01	.04	2	5
AA 4+50N 2+00E	1	24	12	46	.1	59	9	366	2.91	83	2	ND	2	8	1	7	2	60	.29	.05	6	74	.59	110	.02	2	1.40	.01	.02	2	2
AA 4+50N 2+25E	1	32	3	39	.2	91	11	185	4.27	274	2	ND	2	5	1	5	2	103	.10	.03	4	167	1.38	76	.01	3	2.71	.01	.03	2	3
AA 4+50N 2+50E	1	21	9	44	.1	52	7	258	3.01	88	2	ND	2	6	1	8	2	73	.11	.06	6	71	.73	80	.02	2	1.23	.01	.03	2	11
AA 4+50N 2+75E	1	14	5	43	.1	41	5	220	2.47	66	2	ND	2	6	1	7	2	60	.11	.06	6	83	.71	63	.03	2	1.14	.01	.02	2	3
AA 4+50N 3+00E	1	22	7	47	.1	74	9	309	2.58	110	2	ND	2	6	1	8	2	49	.11	.07	6	103	.91	94	.02	2	1.51	.01	.03	2	4
AA 4+50N 3+25E	1	24	8	57	.2	80	9	249	2.52	76	2	ND	2	8	1	6	2	47	.22	.09	8	102	.90	137	.02	2	1.50	.01	.03	2	3
AA 4+50N 3+50E	1	72	10	61	.3	170	11	244	3.45	239	2	ND	2	8	1	13	2	62	.29	.05	7	136	.94	110	.02	2	1.61	.01	.03	2	5
AA 4+50N 3+75E	1	18	10	67	.3	74	8	218	2.65	64	2	ND	2	8	1	9	2	48	.25	.11	6	97	.66	100	.02	3	1.20	.01	.04	2	1
AA 4+50N 4+00E	1	22	10	40	.2	81	10	373	2.69	84	2	ND	2	10	1	8	2	57	.43	.04	8	115	.80	120	.02	2	1.47	.01	.02	2	1
AA 4+50N 4+25E	1	15	7	50	.2	82	19	506	2.70	54	2	ND	2	7	1	5	2	51	.15	.07	6	135	.74	158	.02	2	1.44	.01	.03	2	3
AA 4+50N 4+50E	1	19	7	54	.1	76	8	246	2.96	59	2	ND	2	6	1	7	2	52	.09	.09	6	114	.90	82	.02	2	1.81	.01	.03	2	2
AA 3+50N 1+50E	1	26	9	74	.1	50	9	468	2.65	62	2	ND	2	10	1	2	2	54	.30	.05	7	59	.69	123	.03	2	1.51	.01	.03	2	1
AA 3+50N 1+75E	2	197	12	111	1.1	208	14	1584	4.35	131	2	ND	2	23	2	21	2	64	1.36	.14	20	150	1.13	279	.02	3	2.56	.01	.12	2	5
AA 3+50N 2+00E	1	36	8	85	.2	73	9	295	2.88	107	2	ND	2	10	1	7	2	50	.42	.06	8	75	.73	132	.02	2	1.47	.01	.04	2	2
AA 3+50N 2+25E	1	20	7	62	.1	71	15	917	3.32	181	2	ND	2	8	1	2	2	77	.29	.07	6	113	.83	133	.02	2	1.79	.01	.04	2	1
AA 3+50N 2+50E	1	28	8	53	.1	61	9	273	3.49	39	2	ND	2	7	1	3	2	87	.14	.05	6	92	1.07	62	.03	2	1.68	.01	.03	2	1
AA 3+50N 2+75E	1	14	5	62	.2	72	10	405	3.48	59	2	ND	2	7	1	2	2	74	.15	.06	6	113	.83	90	.05	2	1.55	.01	.03	2	1
AA 3+50N 3+00E	1	20	8	37	.1	28	4	273	1.90	43	2	ND	2	8	1	5	2	41	.17	.06	5	48	.35	152	.02	2	.86	.01	.03	2	1
AA 3+50N 3+50E	1	21	11	64	.2	43	8	439	2.49	121	2	ND	2	9	1	4	2	46	.28	.06	5	63	.47	118	.02	2	1.10	.01	.04	2	2
AA 3+50N 3+75E	1	82	13	77	.6	230	18	893	3.46	163	2	ND	2	14	2	9	2	57	.77	.07	14	191	1.29	170	.02	2	2.24	.01	.05	2	18
AA 3+50N 4+00E	1	27	9	71	.2	129	16	322	3.60	137	2	ND	2	8	1	6	2	62	.32	.08	7	153	1.13	114	.02	2	1.89	.01	.04	2	4
AA 3+50N 4+25E	1	18	8	41	.1	93	10	248	2.59	106	2	ND	2	7	1	5	2	51	.22	.05	6	122	.94	98	.02	2	1.47	.01	.02	2	3
AA 3+50N 4+50E	1	38	8	49	.2	145	17	397	3.05	248	2	ND	2	8	1	8	2	55	.24	.06	7	163	1.64	93	.02	5	2.02	.01	.03	2	6
AA 2+50N 1+50E	1	12	8	48	.2	41	7	579	2.32	29	2	ND	2	7	1	2	2	47	.10	.07	6	50	.44	95	.02	2	1.13	.01	.03	2	3
AA 2+50N 1+75E	1	22	9	39	.1	54	7	177	2.79	42	2	ND	2	8	1	5	2	54	.06	.04	7	64	.64	74	.03	2	1.34	.01	.03	2	7
AA 2+50N 2+00E	1	10	7	29	.1	23	3	108	1.73	20	2	ND	2	7	1	2	3	41	.08	.04	6	34	.28	58	.03	2	.79	.01	.02	2	1
AA 2+50N 2+25E	1	24	8	60	.2	42	7	778	2.37	25	2	ND	2	14	1	3	2	40	.84	.06	7	52	.58	182	.03	2	1.72	.01	.05	2	2
AA 2+50N 2+50E	1	44	9	69	.4	75	10	477	2.97	74	2	ND	2	16	1	10	2	47	1.08	.07	8	83	.73	213	.02	3	1.85	.01	.05	2	4
AA 2+50N 2+75E	1	38	7	134	.8	122	12	751	3.48	71	2	ND	2	12	1	5	2	64	.81	.06	9	118	1.09	212	.06	3	2.15	.01	.06	2	1
AA 2+50N 3+00E	1	17	6	74	.5	46	6	183	2.09	27	2	ND	2	8	1	2	2	37	.42	.04	6	51	.46	123	.02	2	1.23	.01	.03	2	1
AA 2+50N 3+25E	1	28	7	76	.1	64	9	356	2.68	53	2	ND	2	11	1	5	2	45	.40	.04	8	61	.66	141	.03	2	1.48	.01	.04	2	2
AA 2+50N 3+50E	1	26	6	58	.2	57	8	218	2.85	45	2	ND	2	13	1	2	2	42	.21	.06	7	55	.56	122	.03	3	1.58	.01	.03	2	1
AA 2+50N 4+00E	1	52	10	60	.3	78	10	586	2.94	349	2	ND	2	14	2	13	2	52	.62	.07	10	71	.80	126	.02	2	1.57	.01	.04	2	6
AA 2+50N 4+25E	1	146	18	94	.8	147	11	456	4.08	421	2	ND	2	16	2	14	2	69	1.10	.09	16	110	.74	226	.02	2	2.35	.01	.07	2	7
AA 2+50N 4+50E	2	45	10	57	.3	192	17	485	3.51	200	2	ND	2	11	1	10	2	59	.62	.06	8	150	1.13	135	.02	2	1.98	.01	.05	2	5
STD S-1/FA-AU	94	122	115	183	20.9	150	30	477	3.16	121	96	34	165	125	79	76	93	57	.56	.13	125	62	.58	120	.07	171	1.46	.20	.19	53	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
AA 2+50N 4+75E	2	93	12	76	.8	379	19	1080	4.64	299	2	ND	2	16	2	17	4	71	1.20	.13	10	238	1.68	245	.02	4	2.98	.01	.10	2	13
AA 2+50N 5+00E	2	18	6	61	.2	43	6	204	2.07	31	2	ND	2	10	1	4	2	43	.25	.04	6	60	.41	127	.03	3	.99	.01	.03	2	4
AA 2+50N 5+25E	2	30	4	66	.1	114	12	814	2.62	126	2	ND	2	11	1	6	2	53	.24	.07	8	131	1.11	197	.02	2	1.53	.01	.04	2	2
AA 2+50N 5+50E	1	21	2	62	.1	110	10	259	2.26	79	2	ND	2	9	1	5	2	44	.18	.05	7	130	1.26	120	.03	3	1.38	.01	.03	2	14
AA 2+50N 5+75E	1	20	10	60	.1	87	8	305	2.27	62	2	ND	2	11	1	4	2	46	.22	.06	7	102	1.14	141	.03	3	1.55	.01	.03	2	2
AA 2+50N 6+00E	1	27	7	65	.2	126	9	352	2.64	66	2	ND	2	11	1	7	2	52	.26	.10	8	135	1.40	143	.03	3	1.70	.01	.05	2	4
AA 1+50N 4+00E	2	100	8	90	.7	126	9	387	3.41	139	2	ND	2	24	1	14	2	56	1.30	.14	9	91	.72	267	.02	4	2.04	.01	.09	2	5
AA 1+50N 4+50E	4	143	8	109	.9	204	14	1327	4.88	291	2	ND	2	22	2	18	2	75	.82	.14	14	140	1.09	347	.02	4	2.69	.01	.12	2	15
AA 0+50N 0+00E	3	141	8	71	.4	161	15	975	3.79	60	2	ND	2	17	1	6	2	61	.56	.06	8	120	1.28	220	.03	4	2.20	.01	.09	2	5
AA 0+50N 0+25E	3	176	10	60	.4	153	14	771	3.26	60	2	ND	2	18	1	7	2	52	.76	.07	8	109	1.32	170	.03	4	1.81	.01	.07	2	7
AA 0+50N 0+50E	3	54	3	54	.1	64	7	290	2.61	25	2	ND	3	12	1	4	2	47	.19	.04	8	72	.91	118	.03	4	1.36	.01	.03	2	1
AA 0+50N 1+00E	2	38	4	52	.1	74	9	321	2.62	31	2	ND	2	10	1	5	2	49	.24	.04	8	82	.81	107	.02	2	1.41	.01	.04	2	1
AA 0+50N 1+25E	2	76	10	83	.2	95	12	957	3.56	38	2	ND	2	14	1	7	2	62	.55	.05	9	79	.98	181	.04	2	2.18	.01	.07	2	3
AA 0+50N 1+50E	2	171	12	111	.7	209	15	1623	5.41	46	2	ND	3	19	1	9	2	85	1.08	.08	17	141	1.32	295	.03	3	3.74	.01	.13	2	3
AA 0+50N 1+75E	2	45	5	51	.1	86	11	302	3.15	24	2	ND	2	8	1	4	2	65	.26	.03	7	89	.90	105	.03	2	1.90	.01	.04	2	1
AA 0+50N 2+00E	3	50	7	57	.1	108	19	431	5.92	78	2	ND	2	10	1	5	2	174	.56	.07	2	100	1.32	133	.02	2	3.15	.01	.04	2	1
AA 0+50N 2+25E	2	26	4	43	.1	67	10	432	2.42	24	2	ND	2	10	1	4	2	50	.38	.03	7	76	.78	107	.03	4	1.54	.01	.03	2	1
AA 0+50N 2+50E	2	97	8	64	.2	153	20	1284	4.04	688	2	ND	2	19	1	10	2	79	.88	.09	6	152	1.72	177	.02	3	2.44	.01	.06	2	6
AA 0+50N 2+75E	3	69	4	50	.3	132	16	446	6.10	3663	2	ND	2	21	2	32	2	126	1.05	.15	2	182	1.69	191	.01	2	3.10	.01	.05	2	2
AA 0+50N 3+00E	2	121	9	88	1.1	117	13	1143	3.23	2089	2	ND	2	21	3	44	2	48	1.25	.12	9	88	.75	182	.02	2	1.84	.01	.06	2	1
AA 0+50N 3+25E	2	197	8	106	.5	116	14	759	3.07	1398	2	ND	2	14	2	30	2	46	.44	.06	8	103	1.18	116	.03	2	1.56	.01	.05	2	9
AA 0+50N 3+75E	3	105	19	118	.8	129	19	2130	4.20	214	2	ND	2	19	2	19	2	81	.91	.08	6	105	.95	231	.02	2	2.67	.01	.06	2	3
AA 0+50N 4+00E	3	71	7	80	.2	149	12	555	3.74	120	2	ND	2	19	1	15	2	75	.72	.08	8	89	.88	144	.04	2	2.24	.01	.05	2	4
AA 0+50N 4+25E	4	58	13	114	.1	154	17	325	5.72	156	2	ND	2	14	1	15	2	113	.36	.07	6	129	.99	222	.03	2	2.69	.01	.07	2	1
AA 0+50N 4+50E	2	36	4	42	.1	67	9	348	2.36	67	2	ND	2	12	1	9	2	47	.26	.03	8	79	.93	121	.02	3	1.38	.01	.03	2	7
AA 0+50S 0+25E	2	69	4	70	.1	53	8	340	2.80	23	2	ND	2	12	1	3	2	52	.21	.06	8	61	.95	160	.03	2	1.58	.01	.04	2	1
AA 0+50S 0+50E	2	169	6	65	.2	68	11	408	2.85	23	2	ND	2	13	1	4	2	53	.36	.05	7	72	.99	159	.03	2	1.67	.01	.06	2	5
AA 0+50S 0+75E	3	132	7	67	.1	52	8	315	3.37	16	2	ND	2	9	1	2	2	69	.14	.05	6	81	1.28	100	.04	2	1.78	.01	.04	2	2
AA 0+50S 1+25E	2	109	6	70	.6	84	12	1458	2.90	40	2	ND	2	13	1	5	2	52	.54	.08	8	84	1.00	160	.03	2	1.82	.01	.05	2	2
AA 0+50S 1+50E	2	57	7	65	.1	49	9	790	2.67	29	2	ND	2	9	1	5	2	55	.22	.05	7	68	.70	137	.03	2	1.33	.01	.04	2	2
AA 0+50S 1+75E	2	64	6	81	.2	108	13	642	3.87	83	2	ND	2	13	1	8	4	72	.41	.07	9	105	1.20	181	.04	2	2.18	.01	.07	2	4
AA 0+50S 2+00E	2	25	5	46	.1	56	8	283	2.24	53	2	ND	2	10	1	8	2	47	.35	.04	7	89	.84	101	.02	2	1.10	.01	.03	2	2
AA 0+50S 2+25E	2	34	5	41	.1	111	14	461	2.83	138	2	ND	2	11	1	9	3	55	.27	.04	7	162	1.91	93	.03	2	1.57	.01	.03	2	3
AA 0+50S 2+50E	2	606	10	77	1.9	162	14	773	3.82	969	2	ND	2	19	2	12	2	59	.86	.09	11	139	1.19	219	.02	2	2.28	.01	.07	2	37
AA 0+50S 2+75E	2	39	5	46	.1	82	11	678	2.53	72	2	ND	2	12	1	5	2	50	.31	.04	8	89	.87	163	.03	2	1.54	.01	.03	2	1
AA 0+50S 3+00E	1	34	4	43	.1	83	9	357	2.48	40	2	ND	2	11	1	4	2	48	.20	.05	8	108	1.31	100	.03	3	1.39	.01	.03	2	1
STD G-1/FA-AU	87	123	114	193	31.0	150	80	479	3.16	118	97	34	169	125	79	78	96	57	.56	.13	127	62	.58	121	.07	170	1.46	.21	.19	85	54

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
AB L5+25N 1+50E	1	57	13	34	.1	40	5	179	3.94	52	2	ND	2	5	1	7	2	78	.07	.08	3	65	.64	72	.02	2	1.75	.01	.03	2	49
AB L5+25N 1+75E	1	62	7	41	.1	40	7	264	3.89	54	2	ND	4	6	1	9	2	84	.09	.10	3	64	.86	64	.03	2	1.70	.01	.03	2	5
AB L5+25N 2+00E	1	12	1	13	.1	13	3	107	.90	6	2	ND	2	5	1	4	2	22	.08	.02	3	22	.29	33	.01	3	.69	.01	.01	2	21
AB L5+25N 2+25E	1	143	17	112	.8	68	10	124	2.94	64	2	ND	2	8	1	4	2	46	.10	.06	5	83	.87	111	.02	3	2.66	.01	.04	2	4
AB L4+75N 1+75E	1	796	59	41	1.8	41	27	401	12.36	237	2	ND	2	3	1	373	2	191	.06	.10	2	48	.46	28	.01	10	1.46	.01	.02	2	175
AB L4+75N 2+00E	1	96	9	36	.4	35	8	148	2.35	15	2	ND	2	8	1	7	2	56	.24	.03	2	59	1.02	42	.01	3	1.95	.01	.03	2	18
AB L4+75N 2+25E	1	144	1	27	.2	30	10	197	1.97	16	2	ND	2	8	1	8	5	39	.16	.11	2	54	.65	41	.01	5	1.67	.01	.03	3	39
AB L4+75N 2+50E	1	130	17	67	.2	74	9	234	3.50	129	2	ND	2	7	1	2	8	59	.09	.05	5	97	.94	84	.02	4	2.19	.01	.03	2	5
22-811 SILT	2	27	8	42	.1	54	7	602	2.00	65	2	ND	2	10	1	20	2	22	.24	.04	5	38	.59	124	.02	1	.67	.07	.05	2	1
JA L3+25N 1+25E	2	27	9	41	.1	151	12	265	2.52	10	2	ND	2	6	1	2	9	33	.14	.04	3	86	1.14	70	.04	2	1.14	.01	.02	2	1
JA L3+25N 1+50E	2	16	4	72	.1	87	12	590	2.84	6	2	ND	2	7	1	2	5	43	.22	.06	5	102	.64	107	.04	5	1.17	.01	.04	2	1
JA L3+25N 1+75E	1	18	5	57	.1	101	10	407	2.97	6	2	ND	2	7	1	2	5	41	.21	.11	5	125	.90	104	.04	3	1.12	.01	.06	2	6
JA L2+75N 1+25E	1	18	7	54	.2	89	9	297	2.92	3	2	ND	2	6	1	2	5	46	.12	.06	3	110	.76	76	.05	2	1.29	.01	.03	2	2
JA L2+75N 1+50E	1	22	2	51	.1	37	7	332	2.65	6	2	ND	2	10	1	2	6	34	.10	.06	5	49	.89	94	.04	5	1.42	.01	.05	2	2
JA L2+75N 1+75E	1	15	4	54	.1	64	7	280	2.33	5	2	ND	2	6	1	2	3	30	.08	.07	5	76	.75	78	.04	3	1.44	.01	.03	2	1
JA L2+25N 1+00E	1	20	9	79	.3	89	10	672	3.75	5	2	ND	2	7	1	2	2	55	.16	.23	4	120	.92	93	.04	4	1.82	.01	.03	2	1
JA L2+25N 2+75E	1	18	4	58	.2	122	11	474	2.91	6	2	ND	3	5	1	2	5	38	.10	.15	4	107	1.00	73	.04	3	1.35	.01	.04	2	1
JA L2+25N 3+00E	1	10	1	37	.1	62	4	253	2.21	6	2	ND	2	4	1	2	2	33	.09	.08	4	98	.55	55	.03	4	1.03	.01	.02	2	10
JA L2+25N 3+25E	1	8	2	44	.1	37	6	260	2.37	2	2	ND	2	4	1	2	2	35	.07	.17	3	108	.28	49	.03	2	1.24	.01	.01	2	1
JA L1+75N 0+50E	1	36	5	39	.1	107	9	450	2.17	6	2	ND	3	12	1	2	2	50	.31	.04	10	57	1.11	96	.04	5	.86	.01	.05	2	5
JA L1+75N 0+75E	1	34	7	45	.1	79	9	638	1.66	4	2	ND	2	84	1	2	2	28	7.11	.07	3	47	4.44	104	.04	5	.79	.01	.11	29	4
JA L1+75N 1+00E	1	55	6	46	.1	154	13	585	2.62	8	2	ND	2	12	1	2	2	41	.38	.06	7	89	1.46	118	.07	3	1.14	.02	.09	2	110
JA L1+75N 1+25E	1	15	2	71	.2	84	10	295	3.05	5	2	ND	2	7	1	2	3	42	.18	.20	3	90	.78	124	.03	6	1.55	.01	.02	2	1
JA L1+75N 2+75E	1	18	1	52	.1	107	10	386	2.53	7	2	ND	2	5	1	2	2	31	.10	.10	3	87	1.09	69	.03	5	1.15	.01	.03	2	2
JA L1+75N 3+00E	1	12	1	37	.2	66	8	194	2.49	2	2	ND	2	4	1	2	2	35	.10	.12	3	94	.80	59	.03	4	1.18	.01	.03	2	3
JA L1+75N 3+25E	1	10	6	44	.1	43	6	350	2.44	3	2	ND	2	5	1	2	2	41	.12	.08	2	98	.41	52	.04	3	1.04	.01	.02	2	1
JA L1+50N 1+25E	1	19	4	66	.1	92	10	200	2.98	6	2	ND	2	7	1	2	2	40	.18	.15	3	79	.66	103	.04	4	1.78	.01	.03	2	1
JA L3+50N 3+25W	1	12	1	3	.2	16	2	104	.01	2	2	ND	2	33	1	4	2	2	2.10	.03	2	5	.10	377	.01	8	.03	.01	.01	2	1
JA L3+50N 3+00W	1	47	1	21	.3	63	4	323	1.07	2	2	ND	2	24	1	2	2	18	1.20	.08	2	130	.37	470	.01	6	.63	.01	.01	2	29
JA L3+50N 2+75W	1	32	4	34	.1	88	9	347	2.04	7	2	ND	2	11	1	2	2	31	.26	.05	7	76	.70	208	.04	8	.95	.01	.03	2	2
JA L3+50N 2+50W	1	15	6	35	.2	49	8	168	1.95	2	2	ND	2	7	1	2	2	29	.14	.04	3	61	.52	99	.02	10	1.08	.01	.03	2	5
JA L3+50N 2+25W	1	29	4	38	.2	141	11	226	2.70	8	2	ND	2	6	1	2	2	37	.12	.07	3	93	1.02	90	.04	2	1.24	.01	.03	2	155
JA L3+25N 2+50W	1	57	8	75	.2	86	14	1211	3.62	7	2	ND	2	179	1	2	2	41	.66	.05	4	59	.98	347	.07	6	1.97	.01	.07	2	1
JA L3+25N 2+25W	1	49	4	48	.1	176	17	425	3.33	11	2	ND	2	10	1	2	2	59	.21	.04	3	94	1.35	97	.08	2	1.61	.01	.04	2	1
STD S-1/FA-AU	92	123	115	184	33.5	152	81	505	3.17	119	105	38	172	127	82	76	93	59	.56	.12	133	62	.58	122	.08	178	1.49	.22	.21	65	54

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL -80 MESH + PULVERIZED AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 2 1984 DATE REPORT MAILED: Aug 7/84 ASSAYER.. DEAN TOYE. CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT # PINCHI FILE # 84-1924 PAGE 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
AA L0+50S 0+00E	3	126	13	83	.2	70	14	1101	2.89	20	2	ND	2	13	1	2	2	44	.32	.05	9	66	.76	294	.01	7	1.58	.1	.07	2	3
AA L0+50S 1+00E	3	48	8	57	.1	42	8	297	3.03	27	2	ND	2	6	1	2	2	54	.13	.06	4	57	.53	109	.03	2	1.16	.1	.04	2	1
AA L0+50S 2+00E	3	51	18	47	.1	119	17	777	3.02	147	2	ND	2	11	1	6	5	50	.42	.05	5	133	1.34	123	.02	2	1.48	.01	.05	2	7
AA L0+50S 2+25E	3	38	7	38	.1	111	18	704	2.94	108	2	ND	2	10	1	2	3	52	.34	.04	5	143	1.61	82	.02	8	1.42	.01	.03	2	3
AA L0+50S 2+50E	4	33	8	44	.1	62	9	327	2.31	23	2	ND	2	10	1	2	2	36	.25	.03	6	77	.92	127	.02	2	1.17	.01	.04	2	14
AA L0+50S 2+75E	4	17	8	32	.1	29	4	116	1.66	18	2	ND	2	6	1	2	2	30	.08	.04	5	37	.42	74	.02	7	.72	.01	.02	2	1
AA L0+50S 3+75E	4	22	4	60	.1	30	7	251	2.13	48	2	ND	2	7	1	2	3	40	.19	.03	6	41	.42	100	.02	8	1.00	.01	.03	2	4
AA L0+50S 4+00E	4	33	13	38	.2	59	9	215	2.95	91	2	ND	2	10	1	2	2	60	.37	.03	6	82	.68	113	.02	5	1.35	.01	.03	2	6
AA L2.5N 5+00W	3	22	8	57	.2	74	9	990	1.96	48	2	ND	2	18	1	19	2	25	1.12	.07	7	44	.62	162	.02	9	.66	.01	.06	2	3
AA L2.5N 4+50W	7	72	14	143	.3	71	15	1258	3.63	44	2	ND	2	19	1	2	2	57	.38	.06	12	56	.68	443	.04	2	1.83	.01	.08	3	1
AA L2.5N 4+00W	4	42	8	87	.1	75	9	475	2.89	66	2	ND	2	11	1	28	3	45	.42	.06	8	56	.89	169	.06	7	1.62	.01	.08	2	4
AA L2.5N 3+75W	4	1087	11	51	.3	55	9	630	2.50	96	2	ND	2	17	1	20	2	35	.90	.07	5	47	.52	184	.02	4	1.21	.01	.05	2	5
AA L2.5N 3+50W	4	2733	8	41	.1	50	14	1025	2.37	30	2	ND	2	22	1	19	2	36	.99	.06	5	40	.45	104	.01	2	1.11	.01	.06	2	6
AA L2.5N 3+25W	4	186	7	52	.1	43	8	312	2.47	16	2	ND	2	9	1	2	2	37	.10	.04	5	43	.63	132	.03	8	1.15	.01	.04	3	3
AA L2.5N 3+00W	3	225	6	82	.1	79	13	309	3.97	18	2	ND	2	8	1	2	2	65	.13	.06	2	129	1.83	143	.01	5	2.25	.01	.03	2	43
AA L2.5N 2+75W	3	154	3	72	.1	26	8	189	2.52	9	2	ND	2	9	1	2	2	48	.26	.02	3	45	.68	151	.02	6	1.20	.01	.02	2	1
AA L2.5N 2+50W	3	492	5	59	.2	51	13	419	2.78	18	2	ND	2	14	1	2	2	38	.90	.05	4	43	.58	125	.02	2	1.28	.01	.05	2	1
AA L2.5N 2+25W	3	566	9	73	.2	81	10	474	3.37	23	2	ND	2	16	1	2	2	47	.80	.04	5	59	.70	205	.02	6	1.71	.01	.07	2	2
AA L2.5N 2+00W	3	1149	9	100	.3	131	14	1026	3.81	42	2	ND	2	19	1	2	2	47	1.33	.07	8	76	.86	281	.02	8	2.10	.01	.10	2	1
AA L2.5N 1+75W	2	683	8	51	.3	51	10	409	2.42	19	2	ND	2	13	1	4	2	38	.87	.04	5	49	.59	145	.02	4	1.31	.01	.03	2	1
AA L2.5N 1+50W	2	93	11	58	.1	179	16	794	2.88	128	2	ND	2	16	1	7	2	39	.88	.06	7	133	1.29	172	.02	9	1.28	.01	.05	2	2
AA L2.5N 1+25W	4	80	16	86	.3	171	17	806	3.82	73	2	ND	2	15	1	6	3	52	.63	.07	8	135	1.05	323	.02	2	1.88	.01	.08	2	5
AA L2.5N 1+00W	2	70	9	70	.3	127	14	590	2.91	36	2	ND	2	18	1	5	2	41	1.30	.06	8	102	.93	296	.01	4	1.45	.01	.05	2	1
AA L2.5N 0+75W	4	47	5	60	.1	111	16	663	2.74	39	2	ND	2	13	1	7	2	38	.54	.07	8	98	1.02	153	.03	7	1.16	.01	.06	2	6
AA L2.5N 0+50W	4	44	9	81	.1	109	14	651	2.94	37	2	ND	2	14	1	3	3	39	.65	.07	7	99	1.01	190	.02	5	1.31	.01	.07	2	87
AA L2.5N 0+25W	4	51	7	80	.3	78	13	741	3.04	30	2	ND	2	15	1	2	4	43	.60	.06	8	83	.93	208	.02	5	1.53	.01	.10	2	1
AA L2.5N 0+00	5	35	6	79	.1	69	12	302	2.87	35	2	ND	2	8	1	2	2	43	.19	.05	6	67	.81	105	.02	2	1.46	.01	.06	2	7
AA 2N 800E S1-1	4	1317	3	106	.1	135	17	1509	3.96	54	2	ND	2	16	1	2	8	51	.99	.05	6	72	.65	281	.03	4	2.02	.01	.09	2	3
AA L1.5N 3+00W	2	383	7	43	.1	151	11	439	1.88	60	2	ND	2	22	1	3	4	26	2.22	.09	5	82	.91	170	.01	14	.89	.01	.07	2	1
AA L1.5N 2+75W	4	172	5	88	.1	114	21	654	3.61	93	2	ND	2	22	1	2	2	54	.29	.10	3	131	1.33	244	.02	5	1.73	.01	.06	3	2
AA L1.5N 2+50W	2	795	5	76	.2	198	16	643	2.69	86	2	ND	2	25	2	5	4	35	2.09	.09	6	112	.89	219	.01	10	1.36	.01	.07	2	1
AA L1.5N 2+00W	2	496	3	60	.8	102	10	523	2.68	34	2	ND	2	29	1	2	6	33	2.28	.10	6	57	.62	223	.01	7	1.43	.01	.08	2	1
AA L1.5N 1+75W	3	244	1	56	.1	67	13	431	2.95	27	2	ND	2	14	1	2	4	42	.53	.05	7	68	.93	166	.02	2	1.40	.01	.09	2	3
AA L1.5N 1+50W	3	184	2	102	.4	109	14	1154	3.25	20	2	ND	2	12	1	2	2	46	.52	.05	5	72	.83	261	.02	10	1.68	.01	.02	2	11
AA L1.5N 1+25W	2	111	1	98	.1	125	14	789	3.06	26	2	ND	2	13	1	2	2	43	.46	.04	4	82	.99	190	.02	4	1.64	.01	.10	2	3
AA L1.5N 1+00W	2	320	9	97	.5	157	18	1633	4.07	32	2	ND	2	20	3	2	6	57	.95	.08	5	115	1.36	281	.02	2	2.24	.01	.09	2	12
STD S-1/FA-AU	96	124	118	184	33.9	152	81	472	3.17	122	96	37	172	128	83	73	96	59	.56	.12	134	64	.58	122	.08	178	1.50	.07	.21	65	54

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
AA L1.5N 0+75W	1	298	12	143	1.0	272	19	2130	4.95	51	2	ND	2	20	3	7	2	61	1.12	.10	13	147	1.14	416	.02	8	2.70	.01	.11	2	5
AA L1.5N 0+50W	1	408	14	156	.5	274	24	2793	5.45	56	2	ND	2	20	2	7	2	65	.96	.10	16	170	1.36	449	.01	4	3.02	.01	.13	2	8
AA L1.5N 0+25W	2	59	5	72	.1	98	13	549	2.92	27	2	ND	2	9	1	2	2	42	.19	.05	7	97	1.04	143	.02	7	1.43	.01	.03	2	4
AA L1.5N 0+00	3	52	6	82	.1	65	9	296	2.34	21	2	ND	2	8	1	2	2	37	.20	.04	8	55	.71	112	.02	2	1.14	.01	.04	2	1
AA L1.5N 1+50E	1	264	6	99	.4	296	20	2163	5.37	71	2	ND	2	21	1	10	2	71	1.21	.08	23	183	1.52	324	.02	2	3.18	.01	.13	2	8
AA L1.5N 1+75E	1	57	20	74	.1	164	21	1234	4.68	56	2	ND	2	14	1	6	2	72	.72	.07	12	146	1.18	254	.02	5	2.57	.01	.06	2	4
AA L1.5N 2+00E	2	31	6	54	.1	53	9	240	3.14	25	2	ND	2	10	1	2	2	47	.26	.06	7	51	.59	183	.03	2	1.42	.01	.03	2	2
AA L1.5N 2+25E	1	55	8	80	.2	176	17	1073	4.17	85	2	ND	2	16	1	11	2	56	.81	.08	10	114	1.17	243	.03	5	2.44	.01	.08	2	4
AA L1.5N 2+50E	1	92	8	93	.4	197	16	2172	4.07	127	2	ND	2	19	2	15	2	60	1.27	.11	11	118	1.03	270	.02	3	2.19	.01	.08	2	7
AA L1.5N 2+75E	1	160	8	82	.7	209	11	931	3.96	393	2	ND	2	27	1	22	2	64	2.26	.25	19	173	1.08	248	.01	11	2.35	.01	.11	2	18
AA L1.5N 3+00E	1	214	14	76	1.9	235	10	1100	3.70	296	2	ND	2	31	1	29	2	52	2.41	.24	20	141	.89	271	.01	7	2.08	.01	.09	2	18
AA L1.5N 3+25E	1	94	8	85	.3	112	15	359	4.41	103	2	ND	2	12	1	3	2	89	.54	.04	5	239	2.03	142	.03	7	2.22	.01	.04	2	34
AA L1.5N 3+50E	1	71	3	84	.3	200	21	1352	6.94	316	2	ND	2	17	1	22	2	105	.84	.11	9	212	1.58	292	.01	8	3.12	.01	.08	2	6
AA L1.5N 3+75E	1	201	13	150	1.6	457	23	1582	7.96	346	2	ND	2	25	1	38	2	97	.99	.12	19	300	2.13	587	.01	8	4.63	.01	.22	2	24
AA L1.5N 4+00E	1	133	15	117	.9	321	17	1053	5.28	281	2	ND	2	29	2	25	2	69	1.46	.15	14	202	1.57	409	.01	3	3.16	.01	.16	2	17
AB L0 10+75W	3	98	5	117	.1	76	14	1117	3.86	49	2	ND	2	17	1	5	2	65	.29	.10	7	82	.95	328	.03	3	1.90	.01	.07	2	5
AB L0 10+50W	3	68	13	68	.4	48	8	429	2.79	43	2	ND	2	18	1	3	2	56	.35	.08	6	60	.42	331	.05	2	.88	.01	.13	2	4
AB L0 10+25W	2	28	5	65	.1	39	5	289	3.14	32	2	ND	2	9	1	2	2	37	.11	.08	7	48	.59	170	.02	5	1.39	.	.05	2	3
AB L0 10+00W	2	28	3	54	.1	35	4	270	2.61	31	2	ND	2	8	1	2	2	34	.10	.06	7	39	.59	181	.02	3	1.17	.01	.05	2	5
AB L0 9+75W	2	28	5	60	.1	41	5	341	2.56	30	2	ND	2	8	1	2	2	37	.09	.09	5	48	.59	170	.03	4	1.06	.01	.03	2	18
AB L0 9+50W	1	46	6	55	.1	64	8	483	2.28	31	2	ND	2	10	1	2	2	37	.12	.06	5	59	.78	159	.02	2	1.34	.01	.04	2	7
AB L0 9+25W	2	37	7	56	.1	44	6	253	2.47	22	2	ND	2	7	1	2	2	37	.07	.08	6	54	.65	133	.02	2	1.52	.01	.04	2	1
AB L0 9+00W	2	66	7	65	.3	63	7	260	3.24	31	2	ND	2	7	1	2	2	45	.09	.08	5	78	.89	129	.02	2	1.95	.01	.04	2	3
AB L0 8+75W	3	79	13	67	.1	56	8	314	3.31	23	2	ND	2	7	1	2	2	48	.08	.08	5	72	.79	123	.02	2	1.96	.01	.03	2	5
AB L0 8+50W	3	19	7	78	.1	36	6	238	2.68	22	2	ND	2	7	1	2	3	37	.08	.09	8	52	.62	115	.02	2	1.48	.01	.04	2	1
AB L0 8+25W	4	64	2	98	.3	52	8	247	3.67	31	2	ND	2	8	1	2	3	50	.09	.10	7	74	.68	110	.02	6	2.36	.01	.04	2	5
AB L0 8+00W	5	44	8	81	.1	35	8	1176	2.86	25	2	ND	2	7	1	2	7	48	.06	.09	8	51	.62	208	.02	5	1.49	.01	.05	2	1
AB L0 7+75W	3	42	9	48	.3	23	4	134	1.74	17	2	ND	2	6	1	2	3	37	.05	.06	5	46	.49	112	.02	7	1.37	.01	.01	2	3
AB L0 7+50W	4	204	1	97	.1	95	10	281	3.29	33	2	ND	2	8	1	2	6	52	.12	.09	7	72	.86	145	.03	6	2.32	.01	.05	3	8
AB L0 6+75W	3	129	8	99	.2	70	13	1502	3.24	41	2	ND	2	16	1	9	2	54	.36	.11	8	72	.69	256	.01	4	1.91	.01	.05	2	5
AB L0 5+75W	3	113	8	67	.2	60	15	1467	2.78	34	2	ND	2	14	1	2	2	48	.31	.07	6	67	.70	204	.01	2	1.50	.01	.05	2	4
AB L0 5+50W	2	74	12	43	.1	56	8	316	2.37	19	2	ND	2	10	1	2	2	42	.13	.03	5	74	1.00	120	.02	7	1.32	.01	.03	2	8
AB L0 5+00W	2	57	4	49	.1	56	9	265	2.79	26	2	ND	2	9	1	2	2	46	.18	.06	4	75	.83	100	.02	7	1.38	.01	.04	2	4
AB L0 4+25W	4	54	8	61	.1	55	11	514	3.06	31	2	ND	2	8	1	4	2	54	.31	.05	4	84	.66	119	.02	3	1.26	.01	.03	2	2
AB L0 4+00W	3	85	8	52	.1	59	9	205	3.02	35	2	ND	2	8	1	3	2	51	.13	.03	4	80	.84	116	.02	6	1.67	.01	.03	2	3
AB L0 3+75W	2	133	9	43	.1	92	14	323	3.24	37	2	ND	2	10	1	3	7	55	.13	.05	2	110	1.22	122	.02	2	2.05	.01	.04	2	37 37
AB L0 2+75W	4	86	8	51	.1	48	7	192	3.23	46	2	ND	2	7	1	2	2	52	.12	.07	3	70	.56	72	.02	4	1.69	.01	.04	2	14
STD S-1/FA-AU	98	125	117	186	34.4	154	82	494	3.16	127	97	37	186	128	92	74	96	57	.56	.13	139	65	.58	124	.08	172	1.49	.22	.22	65	53

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL -80 MESH PULVERIZED AU## ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE

DATE RECEIVED: AUG 21 1984 DATE REPORT MAILED: Aug 27/84 ASSAYER.. D. DeYoe DEAN TOYE. CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT # 4114-364 FILE # 84-2201 PAGE 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU## FPB
AA 5+00N 5+00W	3	57	12	68	.2	46	10	867	2.84	23	5	ND	2	14	1	29	2	41	.45	.05	12	38	.58	213	.02	5	1.44	.01	.08	2	1
AA 5+00N 4+75W	3	48	10	110	.1	31	8	291	3.49	30	5	ND	2	9	1	2	2	49	.15	.14	9	38	.45	194	.03	4	1.44	.01	.05	2	2
AA 5+00N 4+50W	4	74	9	104	.1	45	9	1709	3.23	27	5	ND	2	13	1	28	2	45	.59	.07	10	37	.50	230	.02	4	1.53	.01	.05	2	1
AA 5+00N 4+25W	4	91	10	106	.2	48	10	1712	3.30	52	5	ND	2	16	1	26	2	46	.78	.08	10	44	.53	240	.02	4	1.58	.01	.06	2	1
AA 5+00N 4+00W	2	27	7	88	.1	20	5	420	2.65	22	5	ND	2	8	1	2	2	48	.12	.06	9	25	.35	218	.03	3	.95	.01	.05	2	1
AA 5+00N 3+75W	5	722	9	118	.9	95	14	3134	3.71	407	5	ND	2	23	2	25	2	51	1.38	.12	10	88	.67	304	.02	8	1.72	.01	.09	2	4
AA 5+00N 3+50W	2	25	6	51	.1	17	4	174	1.93	69	5	ND	2	7	1	2	2	38	.15	.04	7	26	.27	106	.02	4	.75	.01	.04	2	1
AA 5+00N 3+25W	2	119	9	75	.1	54	11	744	3.06	250	5	ND	2	13	1	7	2	47	.41	.05	11	78	.71	218	.03	4	1.54	.01	.07	2	2
AA 5+00N 3+00W	3	109	12	103	.2	45	12	1763	3.14	87	5	ND	2	12	1	5	2	48	.44	.05	13	42	.54	247	.02	4	1.72	.01	.07	2	2
AA 5+00N 2+75W	2	31	10	161	.1	29	7	329	3.72	31	5	ND	2	9	1	2	2	54	.15	.13	8	36	.51	194	.04	3	1.69	.01	.06	3	4
AA 4+50N 5+00W	2	354	12	68	.1	42	10	758	2.85	38	5	ND	2	12	1	3	2	44	.47	.04	12	40	.55	215	.02	3	1.42	.01	.06	3	1
AA 4+50N 4+75W	1	99	5	61	.1	28	8	450	2.18	133	5	ND	2	12	1	2	2	36	.56	.03	8	33	.40	140	.02	3	.93	.01	.05	2	2
AA 4+50N 3+75W	1	21	8	55	.1	17	6	275	2.25	20	5	ND	2	6	1	2	2	31	.08	.10	6	20	.23	97	.02	2	.79	.01	.03	2	1
AA 4+50N 3+50W	1	31	7	57	.1	17	5	217	2.15	19	5	ND	2	7	1	2	2	41	.13	.03	7	24	.32	85	.02	3	.85	.01	.04	2	4
AA 4+50N 3+25W	2	36	10	75	.1	32	7	248	3.19	26	5	ND	2	8	1	2	2	51	.12	.07	7	38	.54	126	.03	2	1.25	.01	.05	2	4
AA 4+50N 3+00W	2	54	7	87	.1	33	8	240	2.95	27	5	ND	2	6	1	2	2	47	.07	.15	8	44	.55	139	.03	4	1.84	.01	.05	2	4
AA 4+50N 2+75W	2	48	9	72	.1	34	6	261	2.96	23	5	ND	2	7	1	2	2	48	.07	.08	10	50	.70	144	.02	2	1.60	.01	.06	2	2
AA 4+50N 2+50W	1	25	7	50	.1	16	4	257	2.08	17	5	ND	2	6	1	2	2	44	.05	.04	8	30	.55	88	.04	3	1.13	.01	.04	2	1
AA 4+50N 2+25W	2	28	9	75	.1	25	5	291	3.13	26	5	ND	2	6	1	2	2	41	.07	.16	8	31	.35	89	.03	3	1.37	.01	.03	2	3
AA 4+50N 1+75W	2	43	7	85	.1	88	10	518	3.04	30	5	ND	2	15	1	3	2	44	.45	.08	10	62	.78	182	.04	4	1.35	.01	.06	2	4
AA 4+50N 1+50W	2	44	10	119	.4	121	11	584	3.00	33	5	ND	2	12	1	3	2	45	.46	.06	11	67	.69	231	.03	2	1.46	.01	.08	2	3
AA 4+50N 1+25W	3	44	8	87	.3	189	16	974	3.24	47	5	ND	2	14	1	8	2	43	.53	.06	12	125	.99	223	.02	4	1.46	.01	.07	2	4
AA 4+50N 1+00W	2	31	7	55	.1	141	16	518	2.74	68	5	ND	2	12	1	7	2	37	.25	.06	9	120	1.14	121	.02	3	1.08	.01	.07	2	4
AA 4+50N 0+75W	2	23	6	50	.1	110	15	446	2.49	48	5	ND	2	10	1	2	2	37	.15	.05	9	123	1.12	125	.02	4	1.05	.01	.06	2	1
AA 4+50N 0+50W	2	53	9	55	.2	152	15	760	2.85	122	5	ND	2	16	1	9	2	41	.87	.07	11	122	1.04	172	.01	6	1.25	.01	.07	2	4
AA 4+50N 0+25W	1	23	6	67	.1	66	10	279	2.33	37	5	ND	2	8	1	2	2	36	.15	.05	9	65	.68	116	.02	3	1.05	.01	.05	2	4
AA 4+50N 0+00W	2	19	9	81	.1	23	5	153	2.47	18	5	ND	2	7	1	2	2	40	.14	.07	7	31	.37	163	.02	3	1.20	.01	.04	2	4
AA 4+00N 5+00W	2	29	9	87	.1	46	7	290	2.59	23	5	ND	2	11	1	2	2	41	.19	.05	10	42	.60	232	.03	3	1.40	.01	.07	2	2
AA 4+00N 4+75W	2	1983	6	55	.4	42	10	677	2.37	177	5	ND	2	19	1	7	2	35	1.22	.06	7	45	.58	146	.02	6	1.08	.01	.06	2	16
AA 4+00N 4+50W	2	612	11	71	.4	71	12	700	3.17	225	5	ND	2	18	1	11	2	43	.93	.06	9	66	.62	220	.02	5	1.42	.01	.06	2	3
AA 4+00N 4+25W	2	597	5	69	.1	54	10	556	2.42	72	5	ND	2	23	1	5	2	35	1.55	.08	7	50	.68	185	.02	6	1.21	.01	.06	2	3
AA 4+00N 4+00W	2	194	7	75	.1	62	10	462	2.72	26	5	ND	2	11	1	2	2	42	.33	.03	9	60	.76	140	.04	5	1.33	.01	.06	2	1
AA 4+00N 3+75W	3	2452	9	87	.2	107	11	698	3.89	35	6	ND	2	32	1	5	2	50	2.14	.12	22	71	.67	344	.01	6	2.58	.01	.12	2	12
AA 4+00N 3+50W	1	227	8	61	.1	23	5	281	2.22	15	5	ND	2	7	1	2	2	41	.16	.04	8	42	.44	138	.02	2	.85	.01	.05	2	1
AA 4+00N 3+25W	3	296	7	78	.1	21	7	171	3.24	11	5	ND	2	7	1	2	2	68	.21	.05	5	60	.93	109	.01	2	1.12	.01	.04	2	2
AA 4+00N 3+00W	1	38	5	47	.1	20	5	233	2.18	20	6	ND	2	5	1	2	3	39	.09	.04	7	27	.30	103	.02	2	.78	.01	.05	2	1
AA 4+00N 2+75W	2	41	10	83	.1	32	6	232	3.07	31	5	ND	2	6	1	2	2	42	.07	.11	10	46	.55	121	.02	4	1.63	.01	.06	2	2
STD S-1 FA-AU	88	122	114	183	31.0	151	80	495	3.16	119	95	35	167	125	79	71	87	58	.56	.12	127	62	.58	122	.08	164	1.41	.21	.21	63	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
AA 3+50N 5+00W	1	29	9	50	.2	48	6	253	1.83	41	5	ND	3	17	1	17	2	27	.34	.06	8	40	.57	147	.02	4	.82	.01	.05	2	3
AA 3+50N 4+75W	1	154	13	99	.4	140	11	1060	3.48	138	5	ND	2	20	2	45	2	46	1.14	.09	11	64	.72	309	.02	3	1.59	.01	.06	2	7
AA 3+50N 4+50W	1	246	9	90	.7	118	10	835	3.33	146	5	ND	2	19	2	37	2	48	1.05	.08	10	66	.73	279	.02	3	1.57	.01	.06	2	11
AA 3+50N 4+25W	1	5600	14	104	.1	124	13	825	4.01	120	5	ND	2	27	2	25	2	54	1.15	.12	22	74	.80	273	.02	3	2.40	.01	.11	2	9
AA 3+50N 4+00W	1	5322	9	55	.1	60	31	534	3.28	20	5	ND	2	20	1	4	2	53	.92	.09	10	57	.84	125	.02	4	1.98	.01	.05	2	14
AA 3+50N 3+75W	1	402	6	44	.1	30	7	223	2.45	20	5	ND	3	8	1	2	2	43	.17	.03	6	39	.68	103	.02	2	1.13	.01	.04	2	4
AA 3+50N 3+50W	1	175	11	83	.1	65	8	243	3.64	32	5	ND	2	8	1	6	2	52	.15	.12	7	57	.70	148	.02	2	1.60	.01	.04	2	1
AA 3+50N 3+25W	1	912	12	91	.1	63	12	954	3.10	26	5	ND	2	12	1	4	2	48	.48	.05	11	47	.65	188	.02	2	1.56	.01	.05	2	3
AA 3+50N 3+00W	1	466	6	48	.1	27	7	400	2.11	17	5	ND	2	9	1	2	3	39	.32	.03	5	28	.34	119	.02	2	.86	.01	.03	2	1
AA 3+50N 2+75W	1	304	9	53	.1	34	7	481	2.38	19	5	ND	2	9	1	2	2	44	.40	.03	6	29	.43	132	.03	2	.98	.01	.03	2	1
AA 3+50N 2+50W	1	353	7	54	.1	31	9	255	3.85	24	5	ND	3	7	1	2	2	71	.19	.03	7	65	.79	81	.02	3	1.40	.01	.02	2	5
AA 3+50N 2+25W	1	48	5	38	.1	28	6	162	2.06	15	5	ND	2	5	1	2	2	39	.15	.02	6	33	.39	101	.02	2	.96	.01	.02	2	2
AA 3+50N 2+00W	1	91	6	42	.1	20	5	196	1.70	19	5	ND	3	6	1	2	2	33	.25	.02	5	26	.34	70	.03	2	.74	.01	.02	2	1
AA 3+50N 1+75W	1	157	9	99	.1	75	10	599	2.80	74	5	ND	2	10	1	4	2	43	.47	.04	8	53	.61	143	.03	3	1.37	.01	.04	2	7
AA 3+50N 1+50W	1	56	8	95	.4	98	10	542	2.87	84	5	ND	2	12	1	8	2	43	.69	.05	7	68	.69	155	.02	3	1.25	.01	.04	2	125
AA 3+50N 1+25W	1	45	10	66	.3	85	12	355	2.73	90	5	ND	2	13	1	12	2	45	.59	.04	8	80	.63	164	.01	3	1.18	.01	.04	2	2
AA 3+50N 1+00W	1	55	10	70	.2	186	14	675	2.70	84	5	ND	2	17	1	12	2	39	1.22	.08	8	111	1.20	172	.01	5	1.22	.01	.05	2	1
AA 3+50N 0+75W	1	23	8	97	.5	42	6	211	2.25	27	5	ND	2	7	1	4	2	35	.13	.05	6	41	.40	122	.02	2	.93	.01	.03	2	1
AA 3+50N 0+50W	1	16	4	56	.2	41	4	132	1.84	22	5	ND	2	8	1	5	2	33	.23	.03	5	36	.38	93	.02	2	.75	.01	.03	2	1
AA 3+50N 0+25W	1	46	9	66	.4	160	16	817	2.87	36	5	ND	2	12	1	7	2	41	.45	.05	11	121	.91	203	.01	2	1.32	.01	.05	2	2
AA 3+50N 0+00W	1	25	7	49	.1	88	13	484	2.39	33	5	ND	3	11	1	9	2	36	.27	.06	8	93	.94	106	.02	3	.98	.01	.04	2	4
AA 3+00N 5+00W	2	41	12	132	.5	61	9	434	3.26	38	5	ND	3	17	1	4	2	63	.31	.05	9	57	.91	315	.04	2	1.75	.01	.05	4	3
AA 3+00N 4+75W	1	113	13	83	.3	134	10	483	3.17	103	5	ND	2	16	1	42	2	48	.87	.07	11	62	.76	254	.03	3	1.60	.01	.05	2	5
AA 3+00N 4+50W	1	54	9	56	.3	73	7	383	2.36	75	5	ND	3	13	1	36	2	37	.57	.04	8	45	.62	151	.03	3	1.04	.01	.05	2	6
AA 3+00N 3+75W	1	7771	10	72	.1	94	20	914	3.44	19	5	ND	2	28	1	6	2	45	1.36	.11	17	57	.77	221	.01	2	2.25	.01	.08	2	21
AA 3+00N 3+50W	1	3066	12	68	.1	86	30	756	3.57	23	5	ND	2	14	1	5	2	51	.49	.07	11	59	.79	166	.02	3	2.04	.01	.07	2	7
AA 3+00N 3+25W	1	318	8	52	.1	29	6	164	2.87	18	5	ND	3	7	1	2	2	49	.08	.04	8	45	.55	115	.02	2	1.34	.01	.03	2	4
AA 3+00N 3+00W	1	246	8	70	.2	63	9	588	2.73	20	5	ND	2	11	1	4	2	41	.48	.05	10	47	.69	170	.02	2	1.41	.01	.04	2	3
AA 3+00N 2+75W	1	106	6	59	.1	32	7	214	2.48	12	5	ND	2	9	1	4	2	43	.34	.03	5	42	.56	96	.03	2	1.08	.01	.02	2	1
AA 2+00N 5+00W	1	25	8	52	.2	34	5	230	1.59	12	5	ND	2	13	1	7	2	29	.22	.05	8	31	.54	190	.02	3	.98	.01	.04	2	1
AA 2+00N 4+75W	1	40	9	56	.1	78	7	446	2.27	61	5	ND	2	11	1	34	2	36	.31	.06	7	52	.67	169	.02	2	1.18	.01	.03	2	1
AA 2+00N 3+25W	1	15	5	14	.2	11	2	68	.97	6	5	ND	3	6	1	3	2	29	.12	.01	5	22	.23	91	.03	2	.46	.01	.01	2	1
AA 2+00N 3+00W	1	92	8	47	.2	39	8	210	2.26	10	5	ND	2	9	1	2	2	42	.31	.02	6	51	.60	107	.02	2	1.05	.01	.02	2	2
AA 2+00N 2+75W	1	566	9	70	.2	77	12	751	2.90	28	5	ND	2	14	1	5	2	40	.76	.04	9	52	.69	162	.02	4	1.29	.01	.05	2	6
AA 1+00N 2+75W	1	332	9	67	.2	200	18	770	3.46	134	5	ND	2	17	1	18	2	52	.64	.08	11	144	1.36	136	.02	3	1.55	.01	.05	2	14
STD S-1/FA-AU	64	121	114	182	32.2	159	80	494	3.16	112	95	34	167	125	77	69	87	58	.56	.12	124	63	.58	122	.08	161	1.41	.20	.19	65	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
AA 0+50N 3+00W	3	191	11	59	.1	97	11	502	2.90	107	5	ND	2	25	1	3	2	41	1.61	.06	9	77	.83	194	.02	5	1.45	.01	.06	2	4
AA 0+50N 2+75W	2	159	12	62	.2	102	13	744	2.83	67	5	ND	2	16	1	3	2	42	.73	.06	9	78	.95	149	.02	3	1.26	.01	.06	2	3
AA 0+50N 2+50W	2	155	9	60	.2	98	13	637	2.77	54	5	ND	2	14	1	3	2	44	.54	.05	8	78	.97	130	.02	3	1.21	.01	.06	2	2
AA 0+50N 2+25W	3	184	8	68	.4	97	12	705	2.67	40	5	ND	2	20	1	2	2	40	1.24	.07	8	80	.82	149	.02	5	1.17	.01	.07	2	1
AA 0+50N 2+00W	3	258	10	66	.3	131	13	748	2.72	35	5	ND	2	23	1	2	2	38	1.49	.08	9	85	.90	177	.02	5	1.30	.01	.07	2	2
AA 0+50N 1+75W	3	139	13	74	.1	133	15	800	3.20	39	5	ND	2	16	1	2	2	46	.68	.06	10	100	1.07	184	.02	4	1.47	.01	.06	2	2
AA 0+50N 1+50W	2	153	13	76	.1	120	15	834	3.44	33	5	ND	2	15	1	2	2	52	.60	.06	10	96	.95	201	.02	3	1.71	.01	.06	2	4
AA 0+50N 1+25W	2	24	7	113	.1	48	10	600	2.30	19	8	ND	2	8	1	2	3	38	.14	.08	8	59	.59	177	.02	3	.94	.01	.05	2	1
AA 0+50N 1+00W	2	75	10	145	.1	54	12	1337	2.64	15	8	ND	2	8	1	2	2	40	.22	.10	9	57	.62	225	.02	3	1.17	.01	.07	3	1
AA 0+50N 0+75W	2	76	10	80	.4	74	11	691	2.88	24	5	ND	2	10	1	2	2	47	.35	.04	8	79	.94	147	.02	2	1.47	.01	.07	2	1
AA 0+50N 0+50W	2	47	5	96	.1	37	7	230	2.87	13	9	ND	2	9	1	2	2	48	.16	.13	7	61	.84	99	.03	2	1.25	.01	.04	2	1
AA 0+50N 0+25W	2	30	7	92	.1	33	9	811	2.36	15	6	ND	2	9	1	2	2	44	.30	.06	6	55	.63	149	.02	2	.95	.01	.05	2	1
AA 0+00N 3+00W	2	133	10	61	.2	103	15	745	3.03	394	5	ND	2	12	1	6	3	46	.44	.06	9	89	.98	139	.02	3	1.34	.01	.05	2	2
AA 0+00N 2+75W	2	142	9	63	.2	94	11	512	2.96	341	5	ND	2	16	1	7	2	47	.68	.06	10	90	.93	165	.02	4	1.41	.01	.05	2	3
AB 5+75N 0+75E	2	196	14	60	.4	61	17	1977	3.67	327	5	ND	2	12	1	2	2	60	.48	.08	10	81	.87	151	.01	3	2.17	.01	.02	2	1
AB 5+75N 1+00E	2	105	7	43	.1	46	8	234	3.06	35	5	ND	2	8	1	2	3	56	.10	.05	7	72	.93	99	.02	2	1.91	.01	.03	2	1
AB 5+75N 1+25E	1	14	3	16	.1	12	3	109	1.47	8	5	ND	2	4	1	2	2	54	.06	.02	5	30	.27	41	.02	2	.70	.01	.02	2	1
AB 5+75N 1+50E	2	34	6	42	.2	37	10	208	3.91	38	5	ND	2	7	1	2	2	91	.08	.11	8	74	.77	53	.04	4	1.77	.01	.03	2	6
AB 5+75N 1+75E	2	79	8	53	.1	91	9	228	3.50	85	5	ND	2	6	1	4	2	60	.05	.09	6	117	1.17	65	.02	2	2.36	.01	.03	2	1
AB 5+75N 2+00E	2	41	17	40	.2	37	6	198	3.43	91	5	ND	2	6	1	2	2	71	.06	.05	7	75	.67	63	.02	2	1.67	.01	.03	2	5
AB 5+75N 2+25E	2	65	10	46	.1	43	7	236	3.18	43	5	ND	2	9	1	2	2	55	.26	.04	8	59	.79	111	.02	3	1.60	.01	.02	2	1
AB 5+75N 2+50E	2	21	6	27	.2	20	4	110	2.81	35	5	ND	2	5	1	2	3	66	.04	.03	6	35	.30	57	.05	2	.95	.01	.02	2	1
AB 5+50N 0+75E	1	142	10	61	.3	86	17	1427	3.83	142	5	ND	2	13	1	2	2	62	.51	.06	8	101	1.04	145	.01	2	2.27	.01	.03	2	1
AB 5+50N 1+00E	1	92	7	46	.1	45	8	254	4.10	53	5	ND	2	7	1	2	2	83	.05	.05	5	82	.86	77	.03	3	2.01	.01	.03	2	1
AB 5+50N 1+25E	1	86	11	51	.1	50	9	312	3.98	88	5	ND	2	8	1	2	3	75	.06	.07	6	81	.92	77	.02	5	2.14	.01	.03	2	1
AB 5+50N 1+50E	1	54	8	24	.1	21	11	129	2.61	18	5	ND	2	6	1	2	2	69	.08	.06	5	32	.60	56	.01	2	2.25	.01	.03	2	12
AB 5+50N 1+75E	1	41	13	36	.1	40	6	203	3.14	63	8	ND	2	7	1	2	4	63	.07	.11	7	68	.76	80	.02	2	1.58	.01	.03	2	3
AB 5+50N 2+00E	2	42	7	35	.1	42	6	169	2.76	86	5	ND	2	6	1	2	2	72	.07	.06	6	67	.66	51	.03	3	1.26	.01	.02	2	6
AB 5+50N 2+25E	1	65	7	50	.1	47	7	185	3.97	122	5	ND	2	7	1	2	2	89	.07	.05	5	78	.77	88	.04	3	1.61	.01	.02	2	1
AB 5+50N 2+50E	1	23	8	33	.2	19	4	120	4.17	45	5	ND	2	5	1	2	2	86	.04	.06	7	48	.33	57	.04	2	1.47	.01	.02	2	1
AB 5+25N 0+75E	5	319	17	99	.8	169	24	3776	4.82	82	5	ND	2	14	1	2	2	69	.60	.12	14	135	1.09	198	.01	3	4.09	.01	.05	2	1
AB 5+25N 1+00E	1	47	6	30	.3	25	5	174	2.78	48	5	ND	2	6	1	2	2	67	.07	.04	5	41	.47	49	.03	2	1.06	.01	.03	2	1
AB 5+25N 1+25E	2	127	7	39	.1	46	7	195	3.75	42	5	ND	2	5	1	2	2	74	.04	.07	6	73	.77	63	.02	2	2.09	.01	.02	2	4
AB 5+25N 2+50E	1	22	21	40	.1	34	5	187	2.86	103	5	ND	2	6	1	2	2	53	.06	.03	7	73	.67	52	.02	2	1.21	.01	.02	2	1
AB 5+25N 2+75E	2	42	7	44	.1	41	6	176	3.87	57	5	ND	2	6	1	2	2	70	.04	.08	7	70	.66	59	.02	3	1.92	.01	.03	2	1
AB 5+25N 3+00E	1	49	9	42	.1	33	7	164	3.69	51	5	ND	2	5	1	2	2	68	.04	.10	6	69	.62	60	.03	2	2.32	.01	.03	2	38
AB 5+25N 3+25E	2	66	9	38	.1	34	7	163	3.62	31	5	ND	2	4	1	2	2	63	.03	.05	6	61	.56	59	.03	2	2.08	.01	.03	2	4
STD S-1/FA-AU	87	122	114	181	21.0	151	80	498	3.16	110	90	34	167	125	78	72	90	58	.56	.12	125	63	.58	122	.08	162	1.42	.19	.18	61	49

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL -80 MESH + PULVERIZED AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE

DATE RECEIVED: AUG 3 1984 DATE REPORT MAILED: Aug 9/84 ASSAYER. D. Toye .DEAN TOYE. CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT # PINCHI FILE # 84-1931 PAGE 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
AA 4+50N 1+50E	2	28	13	60	.1	49	7	279	3.05	51	2	ND	2	12	1	5	2	62	.39	.06	6	62	.36	118	.03	3	1.19	.01	.04	2	1
AA 4+50N 1+75E	1	21	8	59	.1	73	9	255	3.33	72	2	ND	2	7	1	5	2	68	.13	.05	6	89	.76	97	.03	2	1.68	.01	.04	2	5
AA 4+50N 2+00E	1	24	12	46	.1	59	9	366	2.91	83	2	ND	2	8	1	7	2	60	.29	.05	6	74	.59	110	.02	2	1.40	.01	.02	2	2
AA 4+50N 2+25E	1	32	3	39	.2	91	11	185	4.27	274	2	ND	2	5	1	5	2	103	.10	.03	4	167	1.38	76	.01	3	2.71	.01	.03	2	3
AA 4+50N 2+50E	1	21	9	44	.1	52	7	258	3.01	88	2	ND	2	6	1	8	2	73	.11	.06	6	71	.73	80	.02	2	1.23	.01	.03	2	11
AA 4+50N 2+75E	1	14	5	43	.1	41	5	220	2.47	66	2	ND	2	6	1	7	2	60	.11	.06	6	83	.71	63	.03	2	1.14	.01	.02	2	3
AA 4+50N 3+00E	1	22	7	47	.1	74	9	309	2.58	110	2	ND	2	6	1	8	2	49	.11	.07	6	103	.91	94	.02	2	1.51	.01	.03	2	4
AA 4+50N 3+25E	1	24	8	57	.2	80	9	249	2.52	76	2	ND	2	8	1	6	2	47	.22	.09	8	102	.90	137	.02	2	1.50	.01	.03	2	3
AA 4+50N 3+50E	1	72	10	61	.3	170	11	244	3.45	239	2	ND	2	8	1	13	2	62	.29	.05	7	136	.94	110	.02	2	1.61	.01	.03	2	5
AA 4+50N 3+75E	1	18	10	67	.3	74	8	218	2.65	64	2	ND	2	8	1	9	2	48	.25	.11	6	97	.66	100	.02	3	1.20	.01	.04	2	1
AA 4+50N 4+00E	1	22	10	40	.2	81	10	373	2.69	84	2	ND	2	10	1	8	2	57	.43	.04	8	115	.80	120	.02	2	1.47	.01	.02	2	1
AA 4+50N 4+25E	1	15	7	50	.2	82	19	506	2.70	54	2	ND	2	7	1	5	2	51	.15	.07	6	135	.74	158	.02	2	1.44	.01	.03	2	3
AA 4+50N 4+50E	1	19	7	54	.1	76	8	246	2.96	59	2	ND	2	6	1	7	2	52	.09	.09	6	114	.90	82	.02	2	1.81	.01	.03	2	2
AA 3+50N 1+50E	1	26	9	74	.1	50	9	468	2.65	62	2	ND	2	10	1	2	2	54	.30	.05	7	59	.69	123	.03	2	1.51	.01	.03	2	1
AA 3+50N 1+75E	2	197	12	111	1.1	208	14	1584	4.35	131	2	ND	2	23	2	21	2	64	1.36	.14	20	150	1.13	279	.02	3	2.56	.01	.12	2	5
AA 3+50N 2+00E	1	36	8	85	.2	73	9	295	2.88	107	2	ND	2	10	1	7	2	50	.42	.06	8	75	.73	132	.02	2	1.47	.01	.04	2	2
AA 3+50N 2+25E	1	20	7	62	.1	71	15	917	3.32	181	2	ND	2	8	1	2	2	77	.29	.07	6	113	.83	133	.02	2	1.79	.01	.04	2	1
AA 3+50N 2+50E	1	28	8	53	.1	61	9	273	3.49	39	2	ND	2	7	1	3	2	87	.14	.05	6	92	1.07	62	.03	2	1.68	.01	.03	2	1
AA 3+50N 2+75E	1	14	5	62	.2	72	10	405	3.48	59	2	ND	2	7	1	2	2	74	.15	.06	6	113	.83	90	.05	2	1.55	.01	.03	2	1
AA 3+50N 3+00E	1	20	8	37	.1	28	4	273	1.90	43	2	ND	2	8	1	5	2	41	.17	.06	5	48	.35	152	.02	2	.86	.01	.03	2	1
AA 3+50N 3+50E	1	21	11	64	.2	43	8	439	2.49	121	2	ND	2	9	1	4	2	46	.28	.06	5	63	.47	118	.02	2	1.10	.01	.04	2	2
AA 3+50N 3+75E	1	82	13	77	.6	230	18	893	3.46	163	2	ND	2	14	2	9	2	57	.77	.07	14	191	1.29	170	.02	2	2.24	.01	.05	2	18
AA 3+50N 4+00E	1	27	9	71	.2	129	16	322	3.60	137	2	ND	2	8	1	6	2	62	.32	.08	7	153	1.13	114	.02	2	1.89	.01	.04	2	4
AA 3+50N 4+25E	1	18	8	41	.1	93	10	248	2.59	106	2	ND	2	7	1	5	2	51	.22	.05	6	122	.94	98	.02	2	1.47	.01	.02	2	3
AA 3+50N 4+50E	1	38	8	49	.2	145	17	397	3.05	248	2	ND	2	8	1	8	2	55	.24	.06	7	163	1.64	93	.02	5	2.02	.01	.03	2	6
AA 2+50N 1+50E	1	12	8	48	.2	41	7	579	2.32	29	2	ND	2	7	1	2	2	47	.10	.07	6	50	.44	95	.02	2	1.13	.01	.03	2	3
AA 2+50N 1+75E	1	22	9	39	.1	54	7	177	2.79	42	2	ND	2	8	1	5	2	54	.06	.04	7	64	.64	74	.03	2	1.34	.01	.03	2	7
AA 2+50N 2+00E	1	10	7	29	.1	23	3	108	1.73	20	2	ND	2	7	1	2	3	41	.08	.04	6	34	.28	58	.03	2	.79	.01	.02	2	1
AA 2+50N 2+25E	1	24	8	60	.2	42	7	778	2.37	25	2	ND	2	14	1	3	2	40	.84	.06	7	52	.58	182	.03	2	1.72	.01	.05	2	2
AA 2+50N 2+50E	1	44	9	69	.4	75	10	477	2.97	74	2	ND	2	16	1	10	2	47	1.08	.07	8	83	.73	213	.02	3	1.85	.01	.05	2	4
AA 2+50N 2+75E	1	38	7	134	.8	122	12	751	3.48	71	2	ND	2	12	1	5	2	64	.81	.06	9	118	1.09	212	.06	3	2.15	.01	.06	2	1
AA 2+50N 3+00E	1	17	6	74	.5	46	6	183	2.09	27	2	ND	2	8	1	2	2	37	.42	.04	6	51	.46	123	.02	2	1.23	.01	.03	2	1
AA 2+50N 3+25E	1	28	7	76	.1	64	9	356	2.68	53	2	ND	2	11	1	5	2	45	.40	.04	8	61	.66	141	.03	2	1.48	.01	.04	2	2
AA 2+50N 3+50E	1	26	6	58	.2	57	8	218	2.85	45	2	ND	2	13	1	2	2	42	.21	.06	7	55	.56	122	.03	3	1.58	.01	.03	2	1
AA 2+50N 4+00E	1	52	10	60	.3	78	10	586	2.94	349	2	ND	2	14	2	13	2	52	.62	.07	10	71	.80	126	.02	2	1.57	.01	.04	2	6
AA 2+50N 4+25E	1	146	18	94	.8	147	11	456	4.08	421	2	ND	2	16	2	14	2	69	1.10	.09	16	110	.74	226	.02	2	2.35	.01	.07	2	7
AA 2+50N 4+50E	2	45	10	57	.3	192	17	485	3.51	200	2	ND	2	11	1	10	2	59	.62	.06	8	150	1.13	135	.02	2	1.98	.01	.05	2	5
STD S-1/FA-AU	94	122	115	183	20.9	150	30	477	3.16	121	96	34	165	125	79	76	93	57	.56	.13	125	62	.58	120	.07	171	1.46	.20	.19	53	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
AA 2+50N 4+75E	2	93	12	76	.8	379	19	1080	4.64	299	2	ND	2	16	2	17	4	71	1.20	.13	10	238	1.68	245	.02	4	2.98	.01	.10	2	13
AA 2+50N 5+00E	2	18	6	61	.2	43	6	204	2.07	31	2	ND	2	10	1	4	2	43	.25	.04	6	60	.41	127	.03	3	.99	.01	.03	2	4
AA 2+50N 5+25E	2	30	4	66	.1	114	12	814	2.62	126	2	ND	2	11	1	6	2	53	.24	.07	8	131	1.11	197	.02	2	1.53	.01	.04	2	2
AA 2+50N 5+50E	1	21	2	62	.1	110	10	259	2.26	79	2	ND	2	9	1	5	2	44	.18	.05	7	130	1.26	120	.03	3	1.38	.01	.03	2	14
AA 2+50N 5+75E	1	20	10	60	.1	87	8	305	2.27	62	2	ND	2	11	1	4	2	46	.22	.06	7	102	1.14	141	.03	3	1.55	.01	.03	2	2
AA 2+50N 6+00E	1	27	7	65	.2	126	9	352	2.64	66	2	ND	2	11	1	7	2	52	.26	.10	8	135	1.40	143	.03	3	1.70	.01	.05	2	4
AA 1+50N 4+00E	2	100	8	90	.7	126	9	387	3.41	139	2	ND	2	24	1	14	2	56	1.30	.14	9	91	.72	267	.02	4	2.04	.01	.09	2	5
AA 1+50N 4+50E	4	143	8	109	.9	204	14	1327	4.88	291	2	ND	2	22	2	18	2	75	.82	.14	14	140	1.09	347	.02	4	2.69	.01	.12	2	15
AA 0+50N 0+00E	3	141	8	71	.4	161	15	975	3.79	60	2	ND	2	17	1	6	2	61	.56	.06	8	120	1.28	220	.03	4	2.20	.01	.09	2	5
AA 0+50N 0+25E	3	176	10	60	.4	153	14	771	3.26	60	2	ND	2	18	1	7	2	52	.76	.07	8	109	1.32	170	.03	4	1.81	.01	.07	2	7
AA 0+50N 0+50E	3	54	3	54	.1	64	7	290	2.61	25	2	ND	3	12	1	4	2	47	.19	.04	8	72	.91	118	.03	4	1.36	.01	.03	2	1
AA 0+50N 1+00E	2	38	4	52	.1	74	9	321	2.62	31	2	ND	2	10	1	5	2	49	.24	.04	8	82	.81	107	.02	2	1.41	.01	.04	2	1
AA 0+50N 1+25E	2	76	10	83	.2	95	12	957	3.56	38	2	ND	2	14	1	7	2	62	.55	.05	9	79	.98	181	.04	2	2.18	.01	.07	2	3
AA 0+50N 1+50E	2	171	12	111	.7	209	15	1623	5.41	46	2	ND	3	19	1	9	2	85	1.08	.08	17	141	1.32	295	.03	3	3.74	.01	.13	2	3
AA 0+50N 1+75E	2	45	5	51	.1	86	11	302	3.15	24	2	ND	2	8	1	4	2	65	.26	.03	7	89	.90	105	.03	2	1.90	.01	.04	2	1
AA 0+50N 2+00E	3	50	7	57	.1	108	19	431	5.92	78	2	ND	2	10	1	5	2	174	.56	.07	2	100	1.32	133	.02	2	3.15	.01	.04	2	1
AA 0+50N 2+25E	2	26	4	43	.1	67	10	432	2.42	24	2	ND	2	10	1	4	2	50	.38	.03	7	76	.78	107	.03	4	1.54	.01	.03	2	1
AA 0+50N 2+50E	2	97	8	64	.2	153	20	1284	4.04	688	2	ND	2	19	1	10	2	79	.88	.09	6	152	1.72	177	.02	3	2.44	.01	.06	2	6
AA 0+50N 2+75E	3	69	4	50	.3	132	16	446	6.10	3663	2	ND	2	21	2	32	2	126	1.05	.15	2	182	1.69	191	.01	2	3.10	.01	.05	2	2
AA 0+50N 3+00E	2	121	9	88	1.1	117	13	1143	3.23	2089	2	ND	2	21	3	44	2	48	1.25	.12	9	88	.75	182	.02	2	1.84	.01	.06	2	1
AA 0+50N 3+25E	2	197	8	106	.5	116	14	759	3.07	1398	2	ND	2	14	2	30	2	46	.44	.06	8	103	1.18	116	.03	2	1.56	.01	.05	2	9
AA 0+50N 3+75E	3	105	19	118	.8	129	19	2130	4.20	214	2	ND	2	19	2	19	2	81	.91	.08	6	105	.95	231	.02	2	2.67	.01	.06	2	3
AA 0+50N 4+00E	3	71	7	80	.2	149	12	555	3.74	120	2	ND	2	19	1	15	2	75	.72	.08	8	89	.88	144	.04	2	2.24	.01	.05	2	4
AA 0+50N 4+25E	4	58	13	114	.1	154	17	325	5.72	156	2	ND	2	14	1	15	2	113	.36	.07	6	129	.99	222	.03	2	2.69	.01	.07	2	1
AA 0+50N 4+50E	2	36	4	42	.1	67	9	348	2.36	67	2	ND	2	12	1	9	2	47	.26	.03	8	79	.93	121	.02	3	1.38	.01	.03	2	7
AA 0+50S 0+25E	2	69	4	70	.1	53	8	340	2.80	23	2	ND	2	12	1	3	2	52	.21	.06	8	61	.95	160	.03	2	1.58	.01	.04	2	1
AA 0+50S 0+50E	2	169	6	65	.2	68	11	408	2.85	23	2	ND	2	13	1	4	2	53	.36	.05	7	72	.99	159	.03	2	1.67	.01	.06	2	5
AA 0+50S 0+75E	3	132	7	67	.1	52	8	315	3.37	16	2	ND	2	9	1	2	2	69	.14	.05	6	81	1.28	100	.04	2	1.78	.01	.04	2	2
AA 0+50S 1+25E	2	109	6	70	.6	84	12	1458	2.90	40	2	ND	2	13	1	5	2	52	.54	.08	8	84	1.00	160	.03	2	1.82	.01	.05	2	2
AA 0+50S 1+50E	2	57	7	65	.1	49	9	790	2.67	29	2	ND	2	9	1	5	2	55	.22	.05	7	68	.70	137	.03	2	1.33	.01	.04	2	2
AA 0+50S 1+75E	2	64	6	81	.2	108	13	642	3.87	83	2	ND	2	13	1	8	4	72	.41	.07	9	105	1.20	181	.04	2	2.18	.01	.07	2	4
AA 0+50S 2+00E	2	25	5	46	.1	56	8	283	2.24	53	2	ND	2	10	1	8	2	47	.35	.04	7	89	.84	101	.02	2	1.10	.01	.03	2	2
AA 0+50S 2+25E	2	34	5	41	.1	111	14	461	2.83	138	2	ND	2	11	1	9	3	55	.27	.04	7	162	1.91	93	.03	2	1.57	.01	.03	2	3
AA 0+50S 2+50E	2	606	10	77	1.9	162	14	773	3.82	969	2	ND	2	19	2	12	2	59	.86	.09	11	139	1.19	219	.02	2	2.28	.01	.07	2	37
AA 0+50S 2+75E	2	39	5	46	.1	82	11	678	2.53	72	2	ND	2	12	1	5	2	50	.31	.04	8	89	.87	163	.03	2	1.54	.01	.03	2	1
AA 0+50S 3+00E	1	34	4	43	.1	83	9	357	2.48	40	2	ND	2	11	1	4	2	48	.20	.05	8	108	1.31	100	.03	3	1.39	.01	.03	2	1
STD G-1/FA-AU	87	123	114	193	31.0	150	80	479	3.16	118	97	34	169	125	79	78	96	57	.56	.13	127	62	.58	121	.07	170	1.46	.21	.19	85	54

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
AB L5+25N 1+50E	1	57	13	34	.1	40	5	179	3.94	52	2	ND	2	5	1	7	2	78	.07	.08	3	65	.64	72	.02	2	1.75	.01	.03	2	49
AB L5+25N 1+75E	1	62	7	41	.1	40	7	264	3.89	54	2	ND	4	6	1	9	2	84	.09	.10	3	64	.86	64	.03	2	1.70	.01	.03	2	5
AB L5+25N 2+00E	1	12	1	13	.1	13	3	107	.90	6	2	ND	2	5	1	4	2	22	.08	.02	3	22	.29	33	.01	3	.69	.01	.01	2	21
AB L5+25N 2+25E	1	143	17	112	.8	68	10	124	2.94	64	2	ND	2	8	1	4	2	46	.10	.06	5	83	.87	111	.02	3	2.66	.01	.04	2	4
AB L4+75N 1+75E	1	796	59	41	1.8	41	27	401	12.36	237	2	ND	2	3	1	373	2	191	.06	.10	2	48	.46	28	.01	10	1.46	.01	.02	2	175
AB L4+75N 2+00E	1	96	9	36	.4	35	8	148	2.35	15	2	ND	2	8	1	7	2	56	.24	.03	2	59	1.02	42	.01	3	1.95	.01	.03	2	18
AB L4+75N 2+25E	1	144	1	27	.2	30	10	197	1.97	16	2	ND	2	8	1	8	5	39	.16	.11	2	54	.65	41	.01	5	1.67	.01	.03	3	39
AB L4+75N 2+50E	1	130	17	67	.2	74	9	234	3.50	129	2	ND	2	7	1	2	8	59	.09	.05	5	97	.94	84	.02	4	2.19	.01	.03	2	5
22-811 SILT	2	27	8	42	.1	54	7	602	2.00	65	2	ND	2	10	1	20	2	22	.24	.04	5	38	.59	124	.02	1	.67	.07	.05	2	1
JA L3+25N 1+25E	2	27	9	41	.1	151	12	265	2.52	10	2	ND	2	6	1	2	9	33	.14	.04	3	86	1.14	70	.04	2	1.14	.01	.02	2	1
JA L3+25N 1+50E	2	16	4	72	.1	87	12	590	2.84	6	2	ND	2	7	1	2	5	43	.22	.06	5	102	.64	107	.04	5	1.17	.01	.04	2	1
JA L3+25N 1+75E	1	18	5	57	.1	101	10	407	2.97	6	2	ND	2	7	1	2	5	41	.21	.11	5	125	.90	104	.04	3	1.12	.01	.06	2	6
JA L2+75N 1+25E	1	18	7	54	.2	89	9	297	2.92	3	2	ND	2	6	1	2	5	46	.12	.06	3	110	.76	76	.05	2	1.29	.01	.03	2	2
JA L2+75N 1+50E	1	22	2	51	.1	37	7	332	2.65	6	2	ND	2	10	1	2	6	34	.10	.06	5	49	.89	94	.04	5	1.42	.01	.05	2	2
JA L2+75N 1+75E	1	15	4	54	.1	64	7	280	2.33	5	2	ND	2	6	1	2	3	30	.08	.07	5	76	.75	78	.04	3	1.44	.01	.03	2	1
JA L2+25N 1+00E	1	20	9	79	.3	89	10	672	3.75	5	2	ND	2	7	1	2	2	55	.16	.23	4	120	.92	93	.04	4	1.82	.01	.03	2	1
JA L2+25N 2+75E	1	18	4	58	.2	122	11	474	2.91	6	2	ND	3	5	1	2	5	38	.10	.15	4	107	1.00	73	.04	3	1.35	.01	.04	2	1
JA L2+25N 3+00E	1	10	1	37	.1	62	4	253	2.21	6	2	ND	2	4	1	2	2	33	.09	.08	4	98	.55	55	.03	4	1.03	.01	.02	2	10
JA L2+25N 3+25E	1	8	2	44	.1	37	6	260	2.37	2	2	ND	2	4	1	2	2	35	.07	.17	3	108	.28	49	.03	2	1.24	.01	.01	2	1
JA L1+75N 0+50E	1	36	5	39	.1	107	9	450	2.17	6	2	ND	3	12	1	2	2	50	.31	.04	10	57	1.11	96	.04	5	.86	.01	.05	2	5
JA L1+75N 0+75E	1	34	7	45	.1	79	9	638	1.66	4	2	ND	2	84	1	2	2	28	7.11	.07	3	47	4.44	104	.04	5	.79	.01	.11	29	4
JA L1+75N 1+00E	1	55	6	46	.1	154	13	585	2.62	8	2	ND	2	12	1	2	2	41	.38	.06	7	89	1.46	118	.07	3	1.14	.02	.09	2	110
JA L1+75N 1+25E	1	15	2	71	.2	84	10	295	3.05	5	2	ND	2	7	1	2	3	42	.18	.20	3	90	.78	124	.03	6	1.55	.01	.02	2	1
JA L1+75N 2+75E	1	18	1	52	.1	107	10	386	2.53	7	2	ND	2	5	1	2	2	31	.10	.10	3	87	1.09	69	.03	5	1.15	.01	.03	2	2
JA L1+75N 3+00E	1	12	1	37	.2	66	8	194	2.49	2	2	ND	2	4	1	2	2	35	.10	.12	3	94	.80	59	.03	4	1.18	.01	.03	2	3
JA L1+75N 3+25E	1	10	6	44	.1	43	6	350	2.44	3	2	ND	2	5	1	2	2	41	.12	.08	2	98	.41	52	.04	3	1.04	.01	.02	2	1
JA L1+50N 1+25E	1	19	4	66	.1	92	10	200	2.98	6	2	ND	2	7	1	2	2	40	.18	.15	3	79	.66	103	.04	4	1.78	.01	.03	2	1
JA L3+50N 3+25W	1	12	1	3	.2	16	2	104	.01	2	2	ND	2	33	1	4	2	2	2.10	.03	2	5	.10	377	.01	8	.03	.01	.01	2	1
JA L3+50N 3+00W	1	47	1	21	.3	63	4	323	1.07	2	2	ND	2	24	1	2	2	18	1.20	.08	2	130	.37	470	.01	6	.63	.01	.01	2	29
JA L3+50N 2+75W	1	32	4	34	.1	88	9	347	2.04	7	2	ND	2	11	1	2	2	31	.26	.05	7	76	.70	208	.04	8	.95	.01	.03	2	2
JA L3+50N 2+50W	1	15	6	35	.2	49	8	168	1.95	2	2	ND	2	7	1	2	2	29	.14	.04	3	61	.52	99	.02	10	1.08	.01	.03	2	5
JA L3+50N 2+25W	1	29	4	38	.2	141	11	226	2.70	8	2	ND	2	6	1	2	2	37	.12	.07	3	93	1.02	90	.04	2	1.24	.01	.03	2	155
JA L3+25N 2+50W	1	57	8	75	.2	86	14	1211	3.62	7	2	ND	2	179	1	2	2	41	.66	.05	4	59	.98	347	.07	6	1.97	.01	.07	2	1
JA L3+25N 2+25W	1	49	4	48	.1	176	17	425	3.33	11	2	ND	2	10	1	2	2	59	.21	.04	3	94	1.35	97	.08	2	1.61	.01	.04	2	1
STD S-1/FA-AU	92	123	115	184	33.5	152	81	505	3.17	119	105	38	172	127	82	76	93	59	.56	.12	133	62	.58	122	.08	178	1.49	.22	.21	65	54

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL -80 MESH + PULVERIZED AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 2 1984 DATE REPORT MAILED: Aug 7/84 ASSAYER.. DEAN TOYE. CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT # PINCHI FILE # 84-1924 PAGE 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
AA L0+50S 0+00E	3	126	13	83	.2	70	14	1101	2.89	20	2	ND	2	13	1	2	2	44	.32	.05	9	66	.76	294	.01	7	1.58	.1	.07	2	3
AA L0+50S 1+00E	3	48	8	57	.1	42	8	297	3.03	27	2	ND	2	6	1	2	2	54	.13	.06	4	57	.53	109	.03	2	1.16	.1	.04	2	1
AA L0+50S 2+00E	3	51	18	47	.1	119	17	777	3.02	147	2	ND	2	11	1	6	5	50	.42	.05	5	133	1.34	123	.02	2	1.48	.01	.05	2	7
AA L0+50S 2+25E	3	38	7	38	.1	111	18	704	2.94	108	2	ND	2	10	1	2	3	52	.34	.04	5	143	1.61	82	.02	8	1.42	.01	.03	2	3
AA L0+50S 2+50E	4	33	8	44	.1	62	9	327	2.31	23	2	ND	2	10	1	2	2	36	.25	.03	6	77	.92	127	.02	2	1.17	.01	.04	2	14
AA L0+50S 2+75E	4	17	8	32	.1	29	4	116	1.66	18	2	ND	2	6	1	2	2	30	.08	.04	5	37	.42	74	.02	7	.72	.01	.02	2	1
AA L0+50S 3+75E	4	22	4	60	.1	30	7	251	2.13	48	2	ND	2	7	1	2	3	40	.19	.03	6	41	.42	100	.02	8	1.00	.01	.03	2	4
AA L0+50S 4+00E	4	33	13	38	.2	59	9	215	2.95	91	2	ND	2	10	1	2	2	60	.37	.03	6	82	.68	113	.02	5	1.35	.01	.03	2	6
AA L2.5N 5+00W	3	22	8	57	.2	74	9	990	1.96	48	2	ND	2	18	1	19	2	25	1.12	.07	7	44	.62	162	.02	9	.66	.01	.06	2	3
AA L2.5N 4+50W	7	72	14	143	.3	71	15	1258	3.63	44	2	ND	2	19	1	2	2	57	.38	.06	12	56	.68	443	.04	2	1.83	.01	.08	3	1
AA L2.5N 4+00W	4	42	8	87	.1	75	9	475	2.89	66	2	ND	2	11	1	28	3	45	.42	.06	8	56	.89	169	.06	7	1.62	.01	.08	2	4
AA L2.5N 3+75W	4	1087	11	51	.3	55	9	630	2.50	96	2	ND	2	17	1	20	2	35	.90	.07	5	47	.52	184	.02	4	1.21	.01	.05	2	5
AA L2.5N 3+50W	4	2733	8	41	.1	50	14	1025	2.37	30	2	ND	2	22	1	19	2	36	.99	.06	5	40	.45	104	.01	2	1.11	.01	.06	2	6
AA L2.5N 3+25W	4	186	7	52	.1	43	8	312	2.47	16	2	ND	2	9	1	2	2	37	.10	.04	5	43	.63	132	.03	8	1.15	.01	.04	3	3
AA L2.5N 3+00W	3	225	6	82	.1	79	13	309	3.97	18	2	ND	2	8	1	2	2	65	.13	.06	2	129	1.83	143	.01	5	2.25	.01	.03	2	43
AA L2.5N 2+75W	3	154	3	72	.1	26	8	189	2.52	9	2	ND	2	9	1	2	2	48	.26	.02	3	45	.68	151	.02	6	1.20	.01	.02	2	1
AA L2.5N 2+50W	3	492	5	59	.2	51	13	419	2.78	18	2	ND	2	14	1	2	2	38	.90	.05	4	43	.58	125	.02	2	1.28	.01	.05	2	1
AA L2.5N 2+25W	3	566	9	73	.2	81	10	474	3.37	23	2	ND	2	16	1	2	2	47	.80	.04	5	59	.70	205	.02	6	1.71	.01	.07	2	2
AA L2.5N 2+00W	3	1149	9	100	.3	131	14	1026	3.81	42	2	ND	2	19	1	2	2	47	1.33	.07	8	76	.86	281	.02	8	2.10	.01	.10	2	1
AA L2.5N 1+75W	2	683	8	51	.3	51	10	409	2.42	19	2	ND	2	13	1	4	2	38	.87	.04	5	49	.59	145	.02	4	1.31	.01	.03	2	1
AA L2.5N 1+50W	2	93	11	58	.1	179	16	794	2.88	128	2	ND	2	16	1	7	2	39	.88	.06	7	133	1.29	172	.02	9	1.28	.01	.05	2	2
AA L2.5N 1+25W	4	80	16	86	.3	171	17	806	3.82	73	2	ND	2	15	1	6	3	52	.63	.07	8	135	1.05	323	.02	2	1.88	.01	.08	2	5
AA L2.5N 1+00W	2	70	9	70	.3	127	14	590	2.91	36	2	ND	2	18	1	5	2	41	1.30	.06	8	102	.93	296	.01	4	1.45	.01	.05	2	1
AA L2.5N 0+75W	4	47	5	60	.1	111	16	663	2.74	39	2	ND	2	13	1	7	2	38	.54	.07	8	98	1.02	153	.03	7	1.16	.01	.06	2	6
AA L2.5N 0+50W	4	44	9	81	.1	109	14	651	2.94	37	2	ND	2	14	1	3	3	39	.65	.07	7	99	1.01	190	.02	5	1.31	.01	.07	2	87
AA L2.5N 0+25W	4	51	7	80	.3	78	13	741	3.04	30	2	ND	2	15	1	2	4	43	.60	.06	8	83	.93	208	.02	5	1.53	.01	.10	2	1
AA L2.5N 0+00	5	35	6	79	.1	69	12	302	2.87	35	2	ND	2	8	1	2	2	43	.19	.05	6	67	.81	105	.02	2	1.46	.01	.06	2	7
AA 2N 800E S1-1	4	1317	3	106	.1	135	17	1509	3.96	54	2	ND	2	16	1	2	8	51	.99	.05	6	72	.65	281	.03	4	2.02	.01	.09	2	3
AA L1.5N 3+00W	2	383	7	43	.1	151	11	439	1.88	60	2	ND	2	22	1	3	4	26	2.22	.09	5	82	.91	170	.01	14	.89	.01	.07	2	1
AA L1.5N 2+75W	4	172	5	88	.1	114	21	654	3.61	93	2	ND	2	22	1	2	2	54	.29	.10	3	131	1.33	244	.02	5	1.73	.01	.06	3	2
AA L1.5N 2+50W	2	795	5	76	.2	198	16	643	2.69	86	2	ND	2	25	2	5	4	35	2.09	.09	6	112	.89	219	.01	10	1.36	.01	.07	2	1
AA L1.5N 2+00W	2	496	3	60	.8	102	10	523	2.68	34	2	ND	2	29	1	2	6	33	2.28	.10	6	57	.62	223	.01	7	1.43	.01	.08	2	1
AA L1.5N 1+75W	3	244	1	56	.1	67	13	431	2.95	27	2	ND	2	14	1	2	4	42	.53	.05	7	68	.93	166	.02	2	1.40	.01	.09	2	3
AA L1.5N 1+50W	3	184	2	102	.4	109	14	1154	3.25	20	2	ND	2	12	1	2	2	46	.52	.05	5	72	.83	261	.02	10	1.68	.01	.02	2	11
AA L1.5N 1+25W	2	111	1	98	.1	125	14	789	3.06	26	2	ND	2	13	1	2	2	43	.46	.04	4	82	.99	190	.02	4	1.64	.01	.10	2	3
AA L1.5N 1+00W	2	320	9	97	.5	157	18	1633	4.07	32	2	ND	2	20	3	2	6	57	.95	.08	5	115	1.36	281	.02	2	2.24	.01	.09	2	12
STD S-1/FA-AU	96	124	118	184	33.9	152	81	472	3.17	122	96	37	172	128	83	73	96	59	.56	.12	134	64	.58	122	.08	178	1.50	.07	.21	65	54

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
AA L1.5N 0+75W	1	298	12	143	1.0	272	19	2130	4.95	51	2	ND	2	20	3	7	2	61	1.12	.10	13	147	1.14	416	.02	8	2.70	.01	.11	2	5
AA L1.5N 0+50W	1	408	14	156	.5	274	24	2793	5.45	56	2	ND	2	20	2	7	2	65	.96	.10	16	170	1.36	449	.01	4	3.02	.01	.13	2	8
AA L1.5N 0+25W	2	59	5	72	.1	98	13	549	2.92	27	2	ND	2	9	1	2	2	42	.19	.05	7	97	1.04	143	.02	7	1.43	.01	.03	2	4
AA L1.5N 0+00	3	52	6	82	.1	65	9	296	2.34	21	2	ND	2	8	1	2	2	37	.20	.04	8	55	.71	112	.02	2	1.14	.01	.04	2	1
AA L1.5N 1+50E	1	264	6	99	.4	296	20	2163	5.37	71	2	ND	2	21	1	10	2	71	1.21	.08	23	183	1.52	324	.02	2	3.18	.01	.13	2	8
AA L1.5N 1+75E	1	57	20	74	.1	164	21	1234	4.68	56	2	ND	2	14	1	6	2	72	.72	.07	12	146	1.18	254	.02	5	2.57	.01	.06	2	4
AA L1.5N 2+00E	2	31	6	54	.1	53	9	240	3.14	25	2	ND	2	10	1	2	2	47	.26	.06	7	51	.59	183	.03	2	1.42	.01	.03	2	2
AA L1.5N 2+25E	1	55	8	80	.2	176	17	1073	4.17	85	2	ND	2	16	1	11	2	56	.81	.08	10	114	1.17	243	.03	5	2.44	.01	.08	2	4
AA L1.5N 2+50E	1	92	8	93	.4	197	16	2172	4.07	127	2	ND	2	19	2	15	2	60	1.27	.11	11	118	1.03	270	.02	3	2.19	.01	.08	2	7
AA L1.5N 2+75E	1	160	8	82	.7	209	11	931	3.96	393	2	ND	2	27	1	22	2	64	2.26	.25	19	173	1.08	248	.01	11	2.35	.01	.11	2	18
AA L1.5N 3+00E	1	214	14	76	1.9	235	10	1100	3.70	296	2	ND	2	31	1	29	2	52	2.41	.24	20	141	.89	271	.01	7	2.08	.01	.09	2	18
AA L1.5N 3+25E	1	94	8	85	.3	112	15	359	4.41	103	2	ND	2	12	1	3	2	89	.54	.04	5	239	2.03	142	.03	7	2.22	.01	.04	2	34
AA L1.5N 3+50E	1	71	3	84	.3	200	21	1352	6.94	316	2	ND	2	17	1	22	2	105	.84	.11	9	212	1.58	292	.01	8	3.12	.01	.08	2	6
AA L1.5N 3+75E	1	201	13	150	1.6	457	23	1582	7.96	346	2	ND	2	25	1	38	2	97	.99	.12	19	300	2.13	587	.01	8	4.63	.01	.22	2	24
AA L1.5N 4+00E	1	133	15	117	.9	321	17	1053	5.28	281	2	ND	2	29	2	25	2	69	1.46	.15	14	202	1.57	409	.01	3	3.16	.01	.16	2	17
AB L0 10+75W	3	98	5	117	.1	76	14	1117	3.86	49	2	ND	2	17	1	5	2	65	.29	.10	7	82	.95	328	.03	3	1.90	.01	.07	2	5
AB L0 10+50W	3	68	13	68	.4	48	8	429	2.79	43	2	ND	2	18	1	3	2	56	.35	.08	6	60	.42	331	.05	2	.88	.01	.13	2	4
AB L0 10+25W	2	28	5	65	.1	39	5	289	3.14	32	2	ND	2	9	1	2	2	37	.11	.08	7	48	.59	170	.02	5	1.39	.	.05	2	3
AB L0 10+00W	2	28	3	54	.1	35	4	270	2.61	31	2	ND	2	8	1	2	2	34	.10	.06	7	39	.59	181	.02	3	1.17	.01	.05	2	5
AB L0 9+75W	2	28	5	60	.1	41	5	341	2.56	30	2	ND	2	8	1	2	2	37	.09	.09	5	48	.59	170	.03	4	1.06	.01	.03	2	18
AB L0 9+50W	1	46	6	55	.1	64	8	483	2.28	31	2	ND	2	10	1	2	2	37	.12	.06	5	59	.78	159	.02	2	1.34	.01	.04	2	7
AB L0 9+25W	2	37	7	56	.1	44	6	253	2.47	22	2	ND	2	7	1	2	2	37	.07	.08	6	54	.65	133	.02	2	1.52	.01	.04	2	1
AB L0 9+00W	2	66	7	65	.3	63	7	260	3.24	31	2	ND	2	7	1	2	2	45	.09	.08	5	78	.89	129	.02	2	1.95	.01	.04	2	3
AB L0 8+75W	3	79	13	67	.1	56	8	314	3.31	23	2	ND	2	7	1	2	2	48	.08	.08	5	72	.79	123	.02	2	1.96	.01	.03	2	5
AB L0 8+50W	3	19	7	78	.1	36	6	238	2.68	22	2	ND	2	7	1	2	3	37	.08	.09	8	52	.62	115	.02	2	1.48	.01	.04	2	1
AB L0 8+25W	4	64	2	98	.3	52	8	247	3.67	31	2	ND	2	8	1	2	3	50	.09	.10	7	74	.68	110	.02	6	2.36	.01	.04	2	5
AB L0 8+00W	5	44	8	81	.1	35	8	1176	2.86	25	2	ND	2	7	1	2	7	48	.06	.09	8	51	.62	208	.02	5	1.49	.01	.05	2	1
AB L0 7+75W	3	42	9	48	.3	23	4	134	1.74	17	2	ND	2	6	1	2	3	37	.05	.06	5	46	.49	112	.02	7	1.37	.01	.01	2	3
AB L0 7+50W	4	204	1	97	.1	95	10	281	3.29	33	2	ND	2	8	1	2	6	52	.12	.09	7	72	.86	145	.03	6	2.32	.01	.05	3	8
AB L0 6+75W	3	129	8	99	.2	70	13	1502	3.24	41	2	ND	2	16	1	9	2	54	.36	.11	8	72	.69	256	.01	4	1.91	.01	.05	2	5
AB L0 5+75W	3	113	8	67	.2	60	15	1467	2.78	34	2	ND	2	14	1	2	2	48	.31	.07	6	67	.70	204	.01	2	1.50	.01	.05	2	4
AB L0 5+50W	2	74	12	43	.1	56	8	316	2.37	19	2	ND	2	10	1	2	2	42	.13	.03	5	74	1.00	120	.02	7	1.32	.01	.03	2	8
AB L0 5+00W	2	57	4	49	.1	56	9	265	2.79	26	2	ND	2	9	1	2	2	46	.18	.06	4	75	.83	100	.02	7	1.38	.01	.04	2	4
AB L0 4+25W	4	54	8	61	.1	55	11	514	3.06	31	2	ND	2	8	1	4	2	54	.31	.05	4	84	.66	119	.02	3	1.26	.01	.03	2	2
AB L0 4+00W	3	85	8	52	.1	59	9	205	3.02	35	2	ND	2	8	1	3	2	51	.13	.03	4	80	.84	116	.02	6	1.67	.01	.03	2	3
AB L0 3+75W	2	133	9	43	.1	92	14	323	3.24	37	2	ND	2	10	1	3	7	55	.13	.05	2	110	1.22	122	.02	2	2.05	.01	.04	2	37 37
AB L0 2+75W	4	86	8	51	.1	48	7	192	3.23	46	2	ND	2	7	1	2	2	52	.12	.07	3	70	.56	72	.02	4	1.69	.01	.04	2	14
STD S-1/FA-AU	98	125	117	186	34.4	154	82	494	3.16	127	97	37	186	128	92	74	96	57	.56	.13	139	65	.58	124	.08	172	1.49	.22	.22	65	53

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. - 80 mesh pulverized

DATE RECEIVED: JULY 5 1984 DATE REPORT MAILED: July 9/84 ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT # SCHNAPPS(PINCHI) FILE # 84-1415 PAGE 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
AA-L0-2+50W	1	130	8	63	.2	98	13	491	2.78	332	2	ND	2	19	1	9	2	48	.72	.05	9	88	.80	176	.03	7	1.74	.02	.09	2	5
AA-L0-2+00W	2	265	6	115	.7	110	15	864	3.27	44	3	ND	2	24	1	4	2	53	.82	.08	14	77	.75	312	.03	3	2.28	.02	.13	2	5
AA-L0-1+75W	2	182	9	64	.3	69	9	242	2.15	29	2	ND	2	21	1	3	2	44	.59	.05	12	52	.36	295	.02	7	1.30	.01	.06	2	5
AA-L0-1+50W	2	76	11	94	.1	40	9	284	2.42	28	2	ND	2	15	1	4	2	48	.21	.05	9	49	.61	357	.03	5	1.36	.01	.06	2	5
AA-L0-1+25W	1	73	9	71	.1	44	9	424	2.20	18	2	ND	2	14	1	2	2	44	.23	.05	10	59	.68	212	.03	6	1.44	.01	.06	2	5
AA-L0-1+00W	2	89	5	81	.1	57	11	373	2.86	32	2	ND	2	12	1	4	3	59	.19	.05	9	64	.71	193	.05	7	1.56	.01	.06	2	5
AA-L0-0+75W	2	89	8	127	.2	70	16	1028	3.21	43	2	ND	2	14	1	2	2	65	.34	.06	10	81	.76	309	.03	7	2.12	.01	.09	2	5
AA-L0-0+50W	1	15	3	39	.1	23	5	110	1.46	9	2	ND	2	9	1	2	2	33	.12	.03	8	40	.28	92	.04	5	.74	.01	.05	2	5
AA-L0-0+25W	1	26	4	47	.1	25	6	137	1.53	76	2	ND	2	9	1	2	2	38	.18	.02	8	45	.43	115	.03	3	1.07	.01	.04	2	5
AA-L0-0+25E	2	102	4	67	.1	77	18	616	2.84	27	2	ND	2	20	1	3	2	46	.31	.04	10	74	.84	197	.05	5	1.61	.02	.10	2	5
AA-L0-0+75E	1	83	11	125	.5	149	20	837	4.50	618	2	ND	2	14	1	17	2	81	.51	.08	5	157	1.11	232	.02	8	3.11	.01	.10	2	5
AA-L0-1+00E	1	104	13	60	.3	143	19	642	3.25	418	2	ND	2	17	1	15	2	58	.77	.04	9	130	1.05	182	.02	4	2.17	.01	.08	2	5
AA-L0-1+25E	1	28	7	46	.1	52	8	171	2.05	35	2	ND	2	10	1	5	2	42	.11	.03	6	73	.67	89	.04	2	1.32	.01	.03	2	5
AA-L0-1+50E	1	20	7	44	.1	36	6	184	1.46	18	2	ND	2	10	1	4	2	33	.15	.03	7	54	.57	94	.04	4	1.01	.01	.03	2	5
AA-L0-1+75E	1	37	8	55	.1	84	12	282	2.41	31	2	ND	2	11	1	6	2	43	.11	.02	7	86	.86	113	.05	6	1.46	.01	.05	2	5
AA-L0-2+00E	2	37	2	53	.1	52	8	182	2.55	52	2	ND	2	11	1	7	2	51	.16	.03	4	67	.59	106	.03	5	1.46	.01	.05	2	5
AA-L0-2+25E	2	40	8	68	.1	71	11	224	3.05	41	2	ND	2	9	1	6	2	53	.11	.03	7	83	.75	121	.05	7	1.95	.01	.05	2	5
AA-L0-2+50E	1	10	1	33	.1	28	4	124	1.49	15	2	ND	2	9	1	3	5	37	.11	.02	8	52	.47	80	.04	3	.98	.01	.04	2	5
AA-L1N-2+50W	2	89	8	114	.1	57	12	473	2.65	28	2	ND	2	13	1	14	2	50	.34	.05	8	61	.66	198	.03	11	1.72	.01	.06	2	5
AA-L1N-2+00W	2	529	12	80	.1	158	18	795	3.09	74	2	ND	2	21	1	11	2	49	.95	.08	11	109	.95	223	.03	11	1.92	.01	.09	2	5
AA-L1N-1+75W	2	42	10	103	.3	93	14	439	2.47	39	2	ND	2	13	1	2	3	43	.38	.05	8	104	.95	144	.03	4	1.50	.01	.06	2	5
AA-L1N-1+50W	2	67	7	119	.6	85	15	973	2.59	31	2	ND	2	17	2	3	2	46	.73	.05	9	85	.51	175	.03	7	1.41	.01	.06	2	5
AA-L1N-1+25W	3	159	7	84	.2	97	14	522	3.08	28	2	ND	2	18	2	2	2	51	.67	.04	12	77	.66	165	.04	9	1.84	.01	.11	2	5
AA-L1N-1+00W	3	60	7	65	.1	89	16	413	2.58	28	2	ND	2	14	1	3	5	44	.36	.03	11	81	.78	139	.05	7	1.41	.01	.08	2	5
AA-L1N-0+50W	1	2346	1	34	.1	53	41	261	1.26	12	2	ND	2	18	1	2	2	19	1.16	.04	5	36	.46	62	.02	6	.74	.01	.06	2	5
AA-L1N-0+00	1	393	8	92	.9	210	21	1195	4.13	36	2	ND	2	26	2	7	2	65	1.57	.07	11	131	1.06	232	.03	10	2.77	.01	.11	2	5
AA-L1N-0+25E	2	319	8	71	.4	186	21	693	3.68	39	3	ND	2	23	1	4	2	63	.84	.05	12	132	1.46	176	.03	10	2.64	.02	.11	2	5
AA-L1N-0+50E	1	46	6	54	.1	79	11	206	2.21	27	2	ND	2	13	1	4	2	41	.45	.02	8	79	.68	98	.03	4	1.29	.01	.05	2	5
AA-L1N-0+75E	1	151	7	60	.1	103	15	418	2.70	29	2	ND	2	15	1	5	2	45	.55	.03	10	83	.83	125	.04	8	1.79	.01	.07	2	5
AA-L1N-1+00E	1	74	3	74	.1	105	15	837	3.25	29	2	ND	2	14	1	5	2	65	.55	.03	11	95	1.10	172	.07	7	2.41	.02	.10	2	5
AA-L1N-1+25E	1	58	8	88	.1	92	14	444	2.48	28	2	ND	2	12	1	3	2	48	.39	.02	9	70	.68	132	.05	2	1.83	.01	.07	2	5
AA-L1N-1+50E	1	40	4	67	.1	83	10	196	2.42	26	2	ND	2	11	1	3	3	50	.38	.02	7	65	.57	120	.04	8	1.74	.01	.05	2	5
AA-L1N-1+75E	1	50	9	69	.1	220	23	356	4.59	163	3	ND	2	15	1	8	2	86	1.03	.06	3	186	1.49	107	.03	3	2.90	.01	.04	2	5
AA-L1N-2+00E	1	52	4	53	.1	167	27	1585	3.88	197	3	ND	2	13	1	8	2	87	.79	.05	3	128	1.27	153	.03	10	2.50	.01	.06	2	5
AA-L1N-2+25E	1	98	2	41	.1	139	18	446	3.24	120	4	ND	2	18	1	4	2	84	1.26	.10	6	97	1.24	129	.03	9	2.40	.01	.04	2	5
AA-L1N-2+50E	1	45	7	58	.1	128	17	745	3.05	87	2	ND	2	17	1	6	2	72	.75	.04	8	99	.88	171	.04	5	2.31	.01	.07	2	5
STD A-1/AU 0.5	1	30	38	186	.3	37	13	1029	2.77	9	2	ND	2	37	1	2	2	56	.62	.10	7	64	.63	255	.10	8	2.05	.02	.20	2	475

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
AA-L2N-2+50W	1	1102	7	80	.8	113	13	884	3.35	34	6	ND	2	31	1	7	2	49	2.39	.09	10	65	.64	319	.02	9	2.48	.01	.13	2	5
AA-L2N-2+25W	1	40	10	75	.2	24	7	175	1.75	12	2	ND	2	11	1	2	2	37	.32	.03	6	38	.40	131	.03	9	1.15	.01	.05	2	5
AA-L2N-2+00W	1	178	6	54	.1	149	17	604	2.65	79	2	ND	2	19	1	7	2	43	.59	.06	7	113	1.10	182	.02	12	1.55	.01	.06	2	5
AA-L2N-1+75W	2	228	8	48	.1	94	33	636	6.27	17	2	ND	2	78	1	2	2	102	.28	.02	2	214	3.08	336	.02	8	4.47	.01	.10	2	5
AA-L2N-1+50W	2	212	5	52	.1	70	15	291	2.85	20	2	ND	2	14	1	2	2	57	.25	.03	7	86	1.03	171	.03	2	2.00	.01	.05	2	5
AA-L2N-1+25W	2	132	4	70	.2	87	17	674	3.00	29	2	ND	2	19	1	5	2	53	.61	.05	9	84	1.00	212	.03	8	2.10	.01	.09	2	5
AA-L2N-1+00W	2	55	2	67	.2	41	8	184	2.34	29	2	ND	2	10	1	2	2	42	.28	.03	8	35	.41	120	.04	8	1.33	.01	.05	2	5
AA-L2N-0+75W	2	113	9	140	1.1	320	22	1251	4.78	94	2	ND	2	20	2	16	2	73	.89	.05	14	181	1.09	415	.03	3	3.42	.01	.16	2	5
AA-L2N-0+50W	3	23	5	76	.1	90	13	272	2.38	42	2	ND	2	12	1	6	2	41	.25	.05	9	91	.71	108	.03	6	1.27	.01	.07	2	5
AA-L2N-0+25W	2	21	1	72	.1	49	9	244	1.95	29	2	ND	2	9	1	5	3	37	.26	.03	8	57	.55	135	.03	5	1.18	.01	.06	2	5
AA-L2N-0+00	2	138	6	117	.7	206	16	1476	3.77	42	2	ND	2	18	1	7	2	60	.79	.06	15	119	.95	376	.03	6	2.80	.01	.16	2	5
AA-L2N-0+25E	3	52	6	100	.5	108	15	1184	2.57	28	2	ND	2	14	2	3	2	43	.43	.05	11	72	.60	210	.03	11	1.60	.01	.08	2	5
AA-L2N-0+50E	3	47	5	89	.6	121	16	752	2.79	33	2	ND	2	14	1	5	2	46	.49	.05	11	93	.82	215	.03	4	1.89	.01	.08	2	5
AA-L2N-0+75E	2	102	1	93	.6	186	17	1115	3.15	36	2	ND	2	18	1	4	2	51	1.06	.05	16	110	.85	248	.03	7	2.21	.01	.10	2	5
AA-L2N-1+00E	1	66	14	85	.4	235	19	1149	3.94	58	2	ND	2	17	1	6	2	60	.85	.07	13	126	.67	182	.02	9	2.37	.01	.08	3	5
AA-L2N-1+25E	1	32	5	62	.1	111	19	540	2.97	30	2	ND	2	14	1	2	2	56	.54	.04	14	104	.70	154	.03	5	2.15	.01	.06	2	5
AA-L2N-1+50E	1	44	11	72	.1	196	23	1055	4.44	34	2	ND	2	16	1	4	2	85	.79	.07	13	150	1.03	229	.01	5	3.79	.01	.11	2	5
AA-L2N-1+75E	1	30	1	51	.1	77	12	605	2.28	26	2	ND	2	13	1	2	2	46	.25	.03	9	67	.63	119	.04	2	1.73	.01	.06	2	5
AA-L2N-2+00E	1	20	2	45	.1	159	20	263	2.96	16	2	ND	2	9	1	2	2	56	.54	.03	3	306	2.37	83	.02	3	2.87	.01	.04	2	5
AA-L2N-2+25E	1	55	2	53	.1	90	18	304	4.60	49	2	ND	2	13	1	3	2	124	.56	.08	2	85	.74	95	.02	5	3.35	.01	.05	2	5
AA-L2N-2+50E	1	41	6	72	.1	92	12	315	3.14	49	2	ND	2	21	1	7	2	63	.90	.06	11	77	.72	262	.02	9	2.70	.01	.08	2	5
AA-L3N-2+50W	1	46	3	32	.1	13	3	94	1.19	9	4	ND	2	8	1	2	2	30	.13	.01	6	24	.18	89	.04	4	.69	.01	.03	2	5
AA-L3N-2+25W	1	85	3	60	.2	33	8	422	1.88	11	3	ND	2	10	1	2	2	38	.39	.02	6	38	.39	107	.04	8	1.24	.01	.05	2	5
AA-L3N-2+00W	1	34	1	46	.2	20	4	169	1.57	21	2	ND	2	12	1	2	2	33	.45	.02	6	29	.29	128	.04	5	.99	.01	.05	2	5
AA-L3N-1+75W	1	374	4	73	.2	92	12	751	2.42	68	2	ND	2	13	1	3	2	47	.52	.03	7	62	.64	178	.04	3	1.83	.01	.06	2	5
AA-L3N-1+50W	1	14	7	67	.1	27	6	218	2.37	22	2	ND	2	7	1	3	2	42	.10	.09	5	54	.26	95	.03	2	1.83	.01	.04	2	5
AA-L3N-1+25W	1	50	2	61	.3	103	12	476	2.30	57	2	ND	2	14	1	7	2	42	.63	.04	7	76	.61	187	.03	2	1.41	.01	.06	2	5
AA-L3N-1+00W	2	48	4	76	.5	72	9	311	2.29	34	2	ND	2	18	1	6	2	38	.80	.04	8	62	.51	223	.02	4	1.41	.01	.07	2	5
AA-L3N-0+75W	3	103	2	116	1.2	192	15	864	3.22	40	5	ND	2	22	2	8	2	52	1.06	.07	15	100	.81	364	.02	7	2.32	.01	.13	2	5
AA-L3N-0+50W	1	116	9	108	1.5	329	20	1136	4.11	53	2	ND	2	23	2	8	2	61	1.03	.07	21	171	1.14	430	.02	5	3.04	.01	.17	2	5
AA-L3N-0+25W	2	28	1	77	.2	74	9	253	2.11	23	2	ND	2	11	1	3	2	39	.32	.03	9	58	.54	153	.03	5	1.29	.01	.06	2	5
AA-L3N-0+00	2	69	7	113	.8	239	19	1227	3.24	40	2	ND	2	18	1	6	2	49	.66	.06	15	127	.87	303	.02	5	2.19	.01	.12	2	5
AA-L3N-0+25E	3	51	2	79	.5	141	16	663	2.72	31	2	ND	2	15	1	3	2	45	.56	.05	12	104	.74	226	.02	9	1.75	.01	.08	2	5
AA-L3N-0+75E	2	23	4	57	.1	51	9	230	1.95	24	2	ND	2	11	1	2	2	39	.22	.03	10	59	.42	143	.03	6	1.14	.01	.05	2	5
AA-L3N-1+00E	2	23	1	44	.1	73	15	410	2.27	26	6	ND	2	11	1	2	5	44	.25	.03	9	98	.88	138	.03	2	1.32	.01	.05	2	5
AA-L3N-1+25E	2	20	2	62	.1	43	8	202	2.97	35	2	ND	2	10	1	3	2	59	.14	.07	9	71	.62	112	.03	8	1.76	.01	.06	2	5
AA-L3N-1+75E	2	29	1	47	.1	56	8	215	2.29	36	2	ND	2	11	1	2	2	42	.18	.04	8	46	.48	107	.04	8	1.24	.01	.05	2	5
STD A-1/AU 0.5	1	30	39	186	.3	36	13	1019	2.77	10	2	ND	2	37	1	2	2	56	.62	.10	7	64	.63	255	.10	8	2.05	.02	.20	2	520

IMPERIAL METALS PROJECT # SCHNAPPS(PINCHI) FILE # 84-1415

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
AA-L3N-2+00E	2	52	9	61	.3	47	9	227	2.06	41	2	ND	2	11	1	4	2	40	.28	.04	8	54	.43	151	.02	7	1.20	.01	.05	2	35
AA-L3N-2+25E	1	103	17	105	.6	224	17	1565	4.43	300	2	ND	2	20	3	23	2	65	1.01	.08	18	140	.94	323	.03	6	3.29	.02	.16	2	5
AA-L3N-2+50E	1	47	8	55	.3	86	11	362	2.73	215	2	ND	2	13	1	12	2	50	.67	.04	10	76	.58	149	.02	8	1.83	.01	.07	2	10
AA-L4N-2+50W	2	47	7	100	.2	28	6	232	3.20	37	2	ND	3	7	1	4	2	54	.11	.21	10	44	.48	105	.05	6	2.13	.01	.05	2	15
AA-L4N-2+25W	1	19	10	31	.2	16	5	373	1.37	9	2	ND	2	9	1	2	2	33	.12	.03	7	29	.23	91	.03	5	.94	.01	.03	2	5
AA-L4N-2+00W	1	32	12	77	.1	39	9	280	2.58	23	2	ND	2	6	1	4	2	49	.08	.07	7	73	.54	114	.03	4	1.98	.01	.03	2	5
AA-L4N-1+75W	1	26	9	69	.1	49	8	169	2.13	22	2	ND	3	9	1	5	2	40	.18	.04	7	52	.59	166	.03	2	1.46	.01	.04	2	5
AA-L4N-1+50W	1	52	10	57	.3	184	16	659	2.53	106	2	ND	2	19	1	10	2	39	.93	.05	8	115	1.01	142	.02	9	1.35	.01	.07	2	5
AA-L4N-1+25W	1	42	7	53	.2	164	15	543	2.41	101	2	ND	2	19	1	9	2	35	1.09	.06	8	115	1.13	131	.02	9	1.25	.01	.08	2	5
AA-L4N-1+00W	1	42	9	53	.4	147	13	553	2.37	85	2	ND	2	17	1	9	2	37	1.00	.06	7	107	.83	165	.02	6	1.34	.01	.06	2	5
AA-L4N-0+50W	1	40	7	52	.4	167	12	657	2.19	72	2	ND	2	19	1	10	2	36	1.36	.06	5	95	.85	185	.02	11	1.32	.01	.05	2	5
AA-L4N-0+25W	1	25	12	79	.1	77	12	447	2.18	25	3	ND	2	12	1	5	2	37	.37	.05	7	73	.60	163	.03	9	1.15	.02	.06	2	5
AA-L4N-0+00	1	25	10	47	.3	74	9	290	1.95	32	7	ND	2	13	1	8	2	33	.40	.06	9	65	.59	137	.03	7	1.14	.01	.06	2	10
AA-L4N-0+25E	1	17	9	73	.1	47	8	208	2.20	32	2	ND	2	11	1	4	2	39	.28	.03	7	47	.44	124	.03	4	1.51	.02	.04	2	20
AA-L4N-0+50E	1	47	10	110	.2	92	11	1145	2.73	71	2	ND	2	15	1	9	2	45	.67	.04	12	68	.53	259	.03	9	1.96	.01	.07	2	5
AA-L4N-0+75E	1	8	7	58	.1	38	6	252	1.37	18	3	ND	2	8	1	3	2	26	.20	.05	6	52	.30	102	.03	7	.69	.01	.03	2	5
AA-L4N-0+75EA	1	30	11	99	.3	33	8	479	2.52	18	2	ND	2	13	2	2	2	44	.71	.05	10	37	.62	147	.07	6	2.03	.02	.06	2	5
AA-L4N-1+00E	1	71	9	42	.4	92	7	901	1.57	41	2	ND	2	36	1	11	2	26	7.39	.09	8	57	.46	141	.01	12	.89	.01	.05	2	5
AA-L4N-1+25E	1	34	11	68	.1	59	11	430	2.69	57	4	ND	2	14	1	4	2	53	.83	.05	10	77	.57	118	.03	5	1.76	.01	.05	2	5
AA-L4N-1+50E	2	58	10	108	.2	109	14	987	3.06	184	2	ND	2	17	1	7	2	59	.85	.04	14	73	.63	141	.04	8	1.99	.01	.07	2	5
AA-L4N-1+75E	1	24	7	47	.1	34	10	538	2.21	21	5	ND	2	12	1	2	2	54	.71	.03	10	47	.34	82	.03	3	1.27	.02	.04	2	5
AA-L4N-2+00E	2	19	10	36	.1	57	8	174	2.25	165	4	ND	2	9	1	7	2	52	.22	.02	8	58	.53	75	.03	4	1.34	.01	.04	2	5
AA-L4N-2+00EA	2	27	13	56	.1	124	16	274	3.07	182	2	ND	2	12	1	7	2	57	.38	.07	10	89	.79	161	.02	6	2.48	.02	.07	2	5
AA-L4N-2+50E	1	4	7	11	.1	10	2	38	.77	22	2	ND	2	5	1	9	2	26	.09	.01	5	18	.08	29	.03	2	.36	.01	.02	2	5
AA-L5N-2+50W	1	14	3	46	.2	20	5	193	1.52	15	2	ND	2	9	1	3	2	32	.11	.04	9	27	.27	116	.05	7	.81	.01	.05	2	5
AA-L5N-2+25W	2	43	9	73	.1	59	9	226	2.51	23	3	ND	2	12	1	2	2	39	.24	.06	9	41	.51	148	.05	6	1.49	.01	.06	2	15
AA-L5N-2+00W	2	315	12	105	.5	106	16	549	3.36	35	2	ND	2	21	1	6	2	46	1.22	.07	13	70	.63	330	.02	7	2.41	.01	.13	2	5
AA-L5N-1+75W	2	52	4	100	.3	138	13	984	3.14	32	2	ND	2	15	1	6	2	49	.58	.05	13	87	.83	257	.03	6	2.04	.01	.10	2	5
AA-L5N-1+50W	2	32	9	61	.3	118	14	435	2.44	32	2	ND	2	17	1	6	2	38	.55	.05	10	77	.73	177	.03	7	1.41	.01	.07	2	5
AA-L5N-1+25W	1	19	5	77	.1	100	10	363	1.97	20	2	ND	2	11	1	3	2	34	.23	.02	9	59	.50	157	.04	6	1.24	.01	.05	2	5
AA-L5N-1+00W	2	23	3	60	.3	96	12	270	2.11	24	3	ND	2	14	1	7	2	33	.34	.05	8	78	.64	154	.03	11	1.09	.01	.05	2	5
AA-L5N-0+75W	1	26	9	86	.1	63	9	278	2.26	33	2	ND	2	12	1	3	2	40	.25	.06	8	46	.52	181	.04	6	1.54	.01	.05	2	5
AA-L5N-0+50W	1	29	8	63	.4	101	13	503	2.33	30	2	ND	2	17	1	7	2	37	.50	.07	8	89	.89	155	.03	7	1.30	.01	.06	2	5
AA-L5N-0+25W	1	43	9	47	.1	129	13	516	2.53	129	2	ND	2	15	1	12	2	39	.60	.04	10	109	.82	146	.02	10	1.40	.01	.05	2	5
AA-L5N-0+00	1	69	10	56	.5	150	12	558	2.73	194	2	ND	2	18	1	14	2	42	1.10	.05	9	115	.68	172	.02	10	1.64	.01	.06	2	5
AA-L5N-1+00E	1	38	4	46	.2	219	16	574	2.46	68	2	ND	2	13	1	12	2	41	.41	.04	7	114	1.12	144	.02	5	1.36	.02	.06	2	5
AA-L5N-1+25E	1	29	7	58	.1	109	17	544	2.50	61	2	ND	2	13	1	11	2	42	.39	.03	5	102	.97	189	.03	5	1.19	.01	.04	2	5
STD A-1/AU 0.5	1	29	39	186	.3	37	13	1029	2.77	8	2	ND	2	37	1	2	2	56	.62	.10	7	64	.63	255	.10	7	2.05	.02	.20	2	480

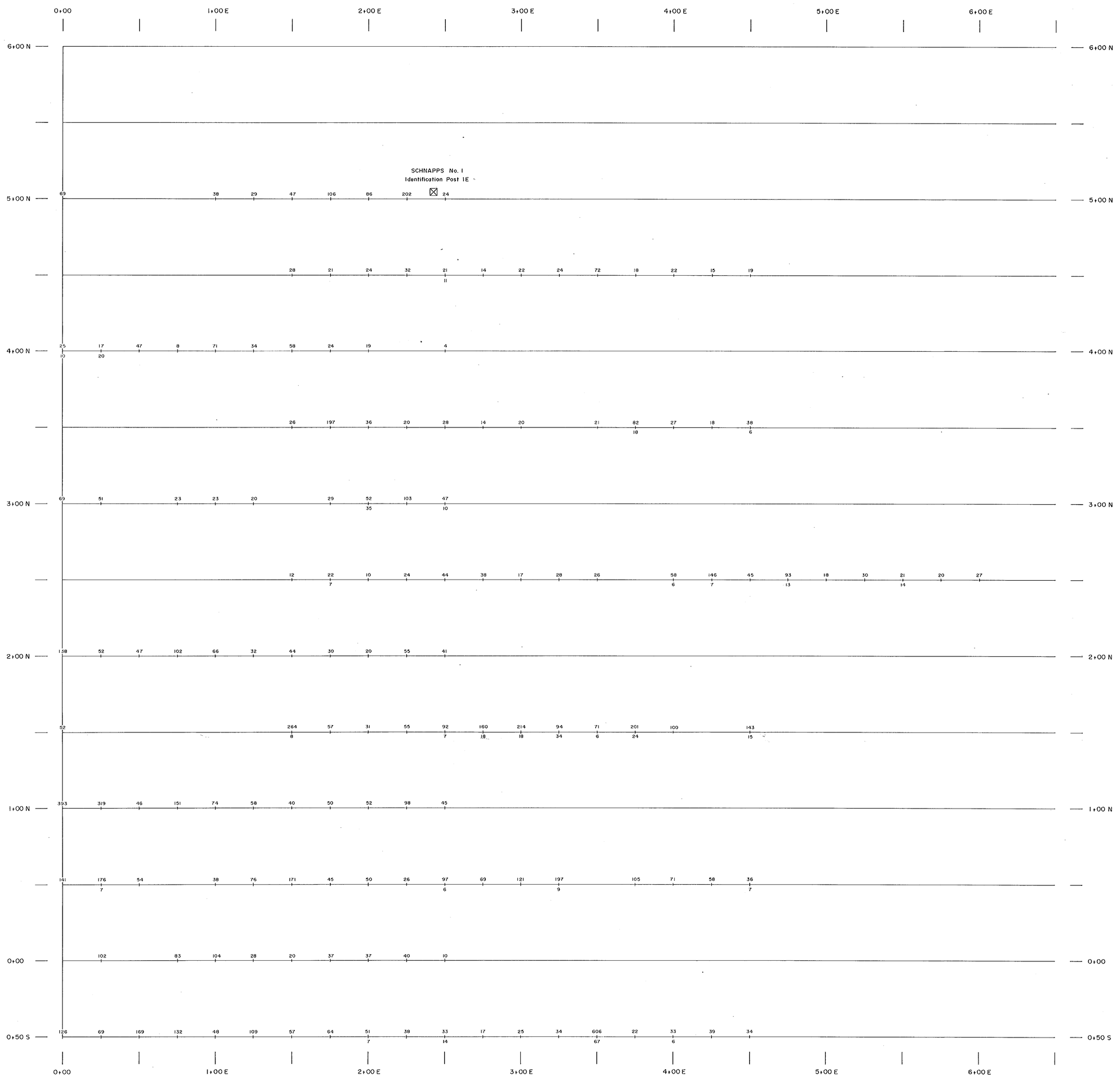
SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
AA-L5N-1+50E	1	47	14	54	.5	100	11	320	2.49	128	4	ND	2	13	1	12	2	44	.59	.04	3	85	.68	142	.03	10	1.47	.01	.05	2	5
AA-L5N-1+75E	1	106	16	82	.3	268	24	973	3.48	525	2	ND	2	14	1	23	2	66	.68	.06	5	144	1.21	190	.02	4	2.49	.01	.09	2	5
AA-L5N-2+00E	1	86	13	56	.6	362	22	1061	3.47	441	2	ND	2	14	1	16	2	64	.98	.07	5	150	1.27	179	.02	9	2.65	.01	.08	2	5
AA-L5N-2+25E	1	202	16	72	.4	423	24	758	4.33	1158	2	ND	2	18	1	17	2	66	.79	.07	5	162	.91	226	.02	5	2.84	.01	.08	2	5
AA-L5N-2+50E	1	24	7	35	.1	85	15	380	2.28	81	2	ND	2	9	1	10	2	46	.25	.04	6	107	.83	101	.02	8	1.53	.01	.03	2	5
MO NUMBER 1	1	64	10	70	.3	139	23	904	2.75	39	2	ND	2	14	2	5	2	46	.49	.04	11	112	.78	226	.02	7	1.76	.01	.07	2	5
MO NUMBER 2	1	90	3	103	.2	41	10	443	2.18	53	2	ND	2	12	1	5	2	41	.62	.03	6	49	.46	121	.04	9	1.26	.01	.04	2	5
AB-L0-2+50W	1	20	8	55	.2	27	6	540	2.53	27	2	ND	2	9	1	2	2	54	.17	.09	4	51	.32	94	.04	7	1.28	.01	.06	3	5
AB-L0-2+25W	2	53	10	53	.3	50	11	758	3.53	64	2	ND	2	11	1	4	2	61	.38	.09	4	44	.44	138	.02	6	2.23	.01	.06	3	5
AB-L0-1+75W	10	75	26	43	.2	154	26	261	5.85	277	2	ND	2	8	1	6	3	95	.13	.03	2	237	.51	92	.01	6	1.86	.01	.05	4	5
AB-L0-1+50W	18	13	7	36	.1	47	12	571	2.72	14	2	ND	2	10	1	2	2	43	.11	.02	9	98	.19	148	.01	7	.83	.01	.03	2	5
AB-L0-1+25W	3	36	4	57	.1	107	20	255	2.96	60	3	ND	2	5	1	2	2	58	.16	.02	4	212	.74	71	.02	10	1.29	.02	.03	2	5
AB-L0-1+00W	4	19	4	48	.1	147	23	260	3.62	9	2	ND	2	6	1	2	4	58	.14	.02	4	160	1.19	69	.02	7	2.25	.01	.04	2	5
AB-L0-0+75W	3	21	1	61	.1	230	26	816	4.71	8	2	ND	2	3	1	2	2	74	.07	.05	2	362	.75	49	.02	6	1.05	.01	.02	2	5
AB-L0-0+50W	2	14	9	30	.1	19	5	167	2.11	21	2	ND	2	6	1	2	2	54	.08	.02	6	46	.25	56	.05	6	.83	.01	.03	2	10
AB-L0-0+25W	1	23	1	31	.1	213	25	277	3.04	2	2	ND	2	2	1	2	5	34	.08	.02	2	462	1.50	46	.01	6	1.21	.02	.02	2	5
AB-L0-0+00	5	9	3	32	.1	162	13	155	1.87	47	2	ND	2	5	1	2	3	33	.09	.01	2	371	1.03	36	.02	6	.91	.01	.02	2	5
AB-L0-0+25E	16	28	7	40	.2	132	21	543	2.92	214	4	ND	2	9	1	2	2	57	.27	.02	2	188	.70	79	.01	7	1.45	.01	.05	2	5
AB-L0-0+50E	1	14	9	30	.1	48	6	142	2.20	40	2	ND	2	7	1	2	2	51	.13	.01	4	98	.42	67	.03	6	.84	.01	.03	2	5
AB-L0-1+00E	1	32	3	42	.1	50	8	171	2.59	66	5	ND	2	7	1	3	2	53	.09	.03	4	77	.55	72	.04	9	1.26	.01	.03	2	5
AB-L0-1+25E	1	42	6	53	.1	67	11	189	2.90	342	2	ND	2	9	1	4	2	50	.09	.03	3	78	.61	132	.03	4	1.95	.01	.04	2	5
AB-L0-1+50E	1	20	8	32	.1	66	6	111	1.67	69	3	ND	2	8	1	3	2	38	.09	.01	5	56	.40	72	.03	2	.92	.01	.03	2	5
AB-L0-1+75E	1	50	4	54	.3	323	26	737	2.86	84	2	ND	2	10	1	7	2	43	.19	.02	3	104	1.43	138	.03	5	1.78	.01	.06	2	5
AB-L0-2+00E	1	27	4	54	.1	65	11	291	2.17	52	2	ND	2	10	1	12	2	43	.17	.02	4	82	.80	98	.03	2	1.39	.01	.04	2	5
AB-L0-2+25E	1	26	5	41	.1	69	9	207	1.97	48	2	ND	2	10	1	5	2	42	.14	.02	2	74	.84	97	.02	4	1.36	.01	.03	2	5
AB-L0-2+50E	1	24	6	46	.1	209	11	213	2.00	25	4	ND	2	10	1	3	2	39	.11	.02	4	53	.66	108	.03	3	1.37	.01	.03	2	5
AB-L1N-2+50W	1	25	6	86	.3	72	11	282	2.62	29	2	ND	2	7	1	5	2	47	.09	.03	2	102	.64	88	.02	5	1.68	.01	.03	2	5
AB-L1N-2+25W	1	41	9	60	.3	49	11	169	3.45	81	4	ND	2	19	1	3	2	77	.28	.03	2	72	.53	71	.04	5	1.88	.01	.06	2	5
AB-L1N-2+00W	1	26	3	59	.2	30	6	180	2.78	79	2	ND	2	11	1	3	2	95	.23	.03	3	51	.25	127	.02	6	1.72	.01	.04	2	5
AB-L1N-1+75W	1	26	3	79	.1	77	14	560	3.76	127	2	ND	2	6	1	2	2	109	.13	.19	2	38	.90	51	.05	5	2.88	.02	.02	2	5
AB-L1N-1+50W	1	60	8	50	.1	34	5	201	2.58	75	2	ND	2	6	1	4	2	53	.09	.07	4	60	.40	72	.03	2	1.75	.01	.03	2	10
AB-L1N-1+25W	2	116	8	83	.2	51	11	1133	3.34	174	2	ND	2	7	1	5	2	59	.07	.07	5	66	.49	136	.04	8	2.56	.01	.04	2	5
AB-L1N-1+00W	1	32	3	65	.1	48	10	324	2.27	19	2	ND	2	7	1	2	3	45	.11	.04	5	62	.51	144	.03	2	1.95	.01	.04	2	5
AB-L1N-0+75W	3	26	3	46	.1	32	6	179	2.26	25	2	ND	2	8	1	2	2	49	.12	.02	6	42	.33	110	.03	4	1.34	.01	.04	2	5
AB-L1N-0+75WA	2	93	9	67	.2	125	16	688	3.10	153	2	ND	2	15	1	4	2	53	.51	.05	6	75	.63	157	.03	6	1.86	.02	.08	2	5
AB-L1N-0+25W	2	49	9	64	.1	56	9	232	2.95	221	2	ND	2	12	1	3	2	51	.42	.03	6	64	.47	145	.03	5	1.65	.01	.08	2	5
AB-L1N-0+00	1	50	7	59	.1	67	15	362	2.61	139	2	ND	2	11	1	4	3	47	.18	.02	6	69	.68	124	.03	2	1.47	.01	.05	2	5
STD A-1/AU 0.5	2	31	40	184	.3	36	13	1008	2.75	9	2	ND	2	37	1	2	2	55	.62	.10	7	63	.63	265	.10	7	2.03	.02	.20	2	470

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
AB-L1N-0+25E	1	41	2	40	.3	63	12	307	2.26	42	2	ND	2	12	1	3	2	48	.25	.02	7	75	.72	117	.04	8	1.45	.02	.05	2	5
AB-L1N-0+50E	1	18	6	34	.2	26	6	133	1.67	28	2	ND	2	11	1	2	2	44	.14	.02	8	43	.39	110	.05	4	1.11	.02	.04	2	5
AB-L1N-0+75E	1	40	4	47	.2	53	10	202	2.28	36	2	ND	2	12	1	4	2	52	.19	.02	7	70	.69	131	.04	5	1.67	.02	.05	2	5
AB-L1N-1+00E	1	40	4	49	.3	55	13	337	1.98	46	2	ND	2	12	1	8	2	44	.24	.02	7	66	.60	177	.03	5	1.59	.01	.05	2	5
AB-L1N-1+25E	1	21	6	44	.3	30	9	294	2.00	52	2	ND	2	11	1	6	2	52	.22	.02	5	52	.41	106	.04	2	1.13	.01	.06	2	5
AB-L1N-1+50E	1	52	7	41	.2	70	11	284	2.41	125	2	ND	3	14	1	16	2	52	.17	.02	8	91	.86	145	.04	7	1.61	.02	.06	2	5
AB-L1N-1+75E	1	104	12	57	.5	90	15	214	2.89	196	4	ND	2	11	1	14	2	56	.11	.03	5	83	.85	116	.04	10	2.14	.01	.06	2	5
AB-L1N-2+00E	1	104	5	63	.2	76	14	247	3.32	124	2	ND	3	14	1	12	2	64	.18	.03	5	86	.90	130	.05	7	2.26	.01	.06	2	5
AB-L1N-2+25E	1	38	3	55	.3	55	10	187	3.07	78	2	ND	2	12	1	4	2	58	.16	.08	5	90	.77	95	.04	9	2.52	.01	.05	2	5
AB-L1N-2+50E	1	44	4	56	.1	44	9	230	3.77	44	2	ND	2	13	1	2	2	74	.15	.03	5	66	.69	110	.07	7	2.47	.01	.05	2	5
AB-L3N-2+50W	2	99	10	74	.1	50	9	195	4.57	727	2	ND	3	11	1	7	2	75	.11	.07	8	72	.57	121	.06	6	2.70	.01	.06	3	5
AB-L3N-2+25W	2	41	12	99	.2	36	9	293	3.35	182	2	ND	3	11	1	2	2	56	.10	.08	9	48	.45	149	.04	2	2.41	.01	.07	2	5
AB-L3N-2+00W	1	20	7	38	.4	23	6	149	3.42	426	2	ND	3	9	1	2	2	99	.11	.07	10	59	.20	102	.03	5	1.81	.02	.04	2	5
AB-L3N-1+75W	2	82	1	56	.1	65	11	212	3.00	55	2	ND	3	13	1	6	2	64	.24	.03	9	69	.71	95	.04	4	2.10	.02	.06	2	5
AB-L3N-1+75WA	2	98	7	97	.2	75	12	227	3.75	259	2	ND	4	11	1	3	2	61	.12	.06	12	72	.60	146	.05	2	3.04	.01	.08	2	5
AB-L3N-1+50W	1	50	3	93	.2	57	20	1028	3.26	46	2	ND	2	14	1	2	2	63	.28	.06	8	66	.57	117	.05	6	2.50	.01	.07	2	5
AB-L3N-1+25W	1	68	1	74	.1	54	13	585	3.21	24	2	ND	2	11	1	2	2	75	.15	.06	8	68	.62	85	.04	4	2.53	.02	.06	2	10
AB-L3N-1+00W	1	56	2	47	.2	61	17	495	3.32	23	2	ND	2	11	1	2	2	95	.44	.03	6	101	.74	77	.02	7	2.69	.02	.07	2	5
AB-L3N-0+50W	1	86	3	92	.3	61	13	592	3.06	35	2	ND	2	15	1	5	2	49	.21	.16	7	92	.78	88	.04	4	2.92	.02	.07	2	5
AB-L3N-0+25W	1	73	1	71	.1	88	20	1220	2.94	30	2	ND	2	15	1	2	3	58	.32	.05	4	86	.93	164	.04	7	3.63	.02	.07	2	5
AB-L3N-0+00	1	101	6	65	.1	75	17	731	2.64	46	2	ND	2	27	1	3	2	49	.30	.21	5	75	.83	94	.02	4	3.92	.02	.07	2	5
AB-L3N-0+25E	1	52	1	57	.1	57	15	1001	2.48	24	2	ND	2	37	1	2	2	53	.46	.06	3	67	.96	122	.02	6	3.62	.03	.09	2	5
AB-L3N-0+50E	1	78	4	67	.1	84	18	447	3.02	31	7	ND	2	54	1	2	2	58	.31	.04	4	82	.90	131	.03	8	3.26	.02	.07	2	5
AB-L3N-0+50EA	1	50	6	67	.1	45	9	264	3.89	41	3	ND	2	10	1	2	2	80	.08	.07	5	91	.86	119	.06	3	3.86	.02	.08	2	5
AB-L3N-0+75E	1	49	12	39	.1	68	15	713	2.52	22	2	ND	2	22	1	7	4	69	.23	.03	3	154	1.05	116	.02	4	2.52	.01	.05	2	5
AB-L3N-1+00E	1	190	1	126	.3	111	28	737	5.82	23	2	ND	2	8	1	3	2	84	.11	.13	2	168	1.06	102	.04	7	3.63	.01	.06	2	5
AB-L3N-1+25E	1	46	8	77	.2	109	21	861	4.46	23	2	ND	2	9	1	2	2	67	.19	.14	2	440	1.72	89	.04	6	2.79	.02	.05	2	5
AB-L3N-1+50E	1	36	1	50	.1	83	14	280	3.13	10	2	ND	2	7	1	2	4	62	.08	.09	3	251	1.22	56	.05	6	2.17	.01	.05	2	5
AB-L3N-1+75E	1	34	8	53	.2	90	14	443	3.51	42	4	ND	2	11	1	2	2	65	.10	.08	2	282	1.19	49	.03	5	2.27	.01	.03	2	5
AB-L3N-2+00E	1	32	2	51	.2	104	17	425	3.98	25	2	ND	2	12	1	2	2	76	.13	.07	2	251	1.55	56	.03	2	2.83	.01	.04	2	5
AB-L3N-2+25E	1	20	4	46	.5	72	12	233	4.09	12	2	ND	3	11	1	2	2	76	.09	.04	4	234	1.24	68	.05	4	2.76	.01	.03	2	5
AB-L3N-2+50E	1	59	3	43	.1	118	17	183	3.85	34	6	ND	2	11	1	2	2	64	.14	.05	4	232	1.09	61	.03	5	3.43	.01	.04	2	5
AB-L4N-2+50W	2	54	2	121	.1	52	15	1242	4.16	57	2	ND	2	11	1	4	2	86	.15	.06	8	66	.54	205	.05	8	2.53	.01	.06	2	5
AB-L4N-2+25W	1	20	6	43	.1	28	6	159	2.81	46	2	ND	3	9	1	4	2	72	.11	.02	9	55	.32	102	.05	2	1.68	.01	.04	2	5
AB-L4N-2+00W	1	21	1	28	.1	14	5	188	1.92	17	2	ND	2	3	1	2	2	38	.03	.03	4	23	.26	64	.02	2	1.19	.01	.02	2	5
AB-L4N-1+75W	1	17	6	77	.1	18	9	305	3.49	22	5	ND	2	8	1	5	2	84	.12	.10	6	30	.35	77	.03	6	2.46	.01	.04	2	5
AB-L4N-1+50W	1	11	3	38	.1	9	4	639	2.49	4	2	ND	2	10	1	2	2	83	.17	.08	6	17	.20	76	.03	4	1.41	.02	.03	2	5
STD A-1/AU 0.5	1	30	39	188	.3	36	13	1050	2.80	9	2	ND	2	37	1	2	2	57	.63	.10	8	65	.64	258	.10	8	2.07	.02	.20	2	510

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
AB-L4N-1+25W	1	45	4	63	.2	50	6	196	3.66	36	2	ND	2	15	1	4	2	77	.14	.05	2	71	.45	100	.02	6	3.02	.01	.05	2	5
AB-L4N-1+00W	1	48	7	70	.3	29	9	390	4.58	12	2	ND	2	10	1	2	2	140	.19	.13	2	32	.56	106	.06	7	3.23	.01	.06	2	5
AB-L4N-0+75W	1	112	10	56	.2	56	8	189	2.90	49	3	ND	3	9	1	3	2	58	.07	.05	4	70	.70	96	.04	7	2.88	.01	.04	2	5
AB-L4N-0+50W	1	100	7	64	.3	59	8	313	2.98	63	2	ND	2	9	1	5	2	59	.09	.07	5	72	.76	100	.03	7	2.45	.01	.06	2	5
AB-L4N-0+25W	1	63	7	40	.2	51	9	390	3.12	33	2	ND	2	11	1	3	2	69	.14	.02	6	63	.61	97	.03	7	1.83	.01	.05	2	5
AB-L4N-0+00	1	73	2	39	.1	41	6	192	3.11	33	2	ND	2	8	1	2	2	75	.10	.03	6	59	.49	76	.03	7	2.35	.01	.05	2	10
AB-L4N-0+25E	1	54	15	41	.4	46	17	248	7.31	188	2	ND	2	7	1	22	2	148	.12	.04	5	63	.38	74	.01	11	2.46	.01	.04	2	5
AB-L4N-0+50E	2	51	1	36	.1	32	6	180	3.19	34	2	ND	2	10	1	2	2	64	.16	.06	5	54	.43	78	.03	6	1.72	.01	.05	2	5
AB-L4N-0+75E	2	161	16	59	.1	75	9	224	4.35	144	2	ND	2	8	1	2	2	68	.06	.06	7	89	.84	92	.02	7	3.26	.01	.07	2	5
AB-L4N-1+00E	2	59	9	56	.1	56	7	194	3.39	48	2	ND	2	9	1	2	2	63	.08	.06	6	96	.71	82	.03	7	2.84	.01	.05	2	5
AB-L4N-1+25E	2	45	17	26	.2	32	4	118	3.86	39	2	ND	2	8	1	2	2	80	.07	.06	10	75	.54	81	.04	4	2.26	.01	.03	2	5
AB-L4N-1+50E	2	62	5	55	.1	66	8	204	3.86	31	2	ND	3	8	1	2	3	81	.08	.05	8	143	.89	76	.05	2	2.50	.01	.04	2	15
AB-L4N-1+75E	2	83	4	53	.2	48	14	1175	2.97	5	2	ND	2	7	1	2	8	67	.22	.11	4	54	1.38	63	.01	7	4.60	.02	.05	2	5
AB-L4N-2+00E	1	8	1	11	.1	12	1	53	.75	2	2	ND	2	7	1	2	4	21	.11	.02	6	28	.26	36	.02	2	1.05	.01	.02	2	5
AB-L4N-2+25E	1	19	1	41	.1	40	8	154	2.28	10	2	ND	2	14	1	2	2	56	.13	.02	5	74	.84	35	.02	4	1.91	.01	.03	2	5
AB-L4N-2+50E	1	82	2	38	.1	69	8	231	3.40	40	2	ND	2	13	1	2	2	84	.16	.04	4	130	1.02	53	.03	6	2.38	.01	.04	2	5
AB-L5N-2+50W	2	178	6	60	.4	126	13	1255	3.70	67	2	ND	2	16	1	9	2	62	.85	.05	10	109	.89	236	.02	5	3.30	.01	.10	2	5
AB-L5N-2+25W	1	23	3	31	.1	22	3	134	2.25	21	4	ND	2	8	1	2	2	56	.11	.04	7	43	.30	84	.04	9	1.34	.01	.03	2	5
AB-L5N-2+00W	2	21	4	32	.1	24	4	162	2.28	18	2	ND	3	11	1	2	2	73	.13	.02	8	52	.44	81	.06	5	1.32	.01	.05	2	5
AB-L5N-1+75W	1	45	1	39	.1	27	4	159	2.44	19	2	ND	3	9	1	2	2	49	.09	.03	8	43	.46	91	.05	3	1.47	.01	.03	2	5
AB-L5N-1+50W	1	84	8	62	.2	85	16	1010	3.86	40	2	ND	2	12	1	2	2	74	.18	.05	5	82	.81	191	.03	10	2.91	.01	.05	2	5
AB-L5N-1+25W	2	238	8	59	.1	87	12	251	3.79	64	2	ND	4	9	1	4	2	66	.08	.07	5	96	.92	137	.03	6	3.54	.01	.06	2	5
AB-L5N-1+00W	1	103	6	56	.1	58	7	213	3.72	35	2	ND	2	9	1	2	2	67	.07	.07	4	77	.69	105	.03	8	2.99	.01	.05	2	5
AB-L5N-0+75W	1	79	7	49	.2	44	6	179	3.88	45	2	ND	3	8	1	3	2	75	.07	.05	3	80	.58	99	.03	5	3.05	.01	.04	2	5
AB-L5N-0+50W	1	42	5	34	.2	37	4	137	3.51	39	4	ND	3	8	1	2	2	76	.07	.03	4	69	.48	86	.04	7	1.97	.01	.04	2	10
AB-L5N-0+25W	1	98	8	42	.1	37	6	178	3.68	33	2	ND	2	7	1	2	2	75	.06	.04	2	67	.61	93	.03	6	2.74	.01	.03	2	5
AB-L5N-0+00	1	104	1	63	.6	52	7	199	4.53	43	2	ND	3	9	1	2	2	74	.07	.06	3	87	.76	98	.04	10	3.36	.01	.05	2	5
AB-L5N-0+75E	1	47	7	40	.2	38	5	139	3.50	57	2	ND	2	9	1	2	2	74	.09	.03	5	74	.57	102	.03	6	2.17	.01	.03	2	5
AB-L5N-1+00E	1	35	6	34	.3	42	6	148	3.57	75	2	ND	2	9	1	2	2	82	.07	.04	4	79	.64	64	.05	5	1.95	.01	.04	2	5
AB-L5N-1+25E	1	80	1	58	.1	51	8	186	3.20	39	2	ND	2	7	1	2	2	61	.07	.08	6	88	.68	93	.03	9	3.15	.01	.04	2	5
AB-L5N-1+25EA	1	39	1	39	.7	47	8	229	4.28	67	2	ND	2	10	1	2	2	105	.13	.06	6	86	.86	50	.04	5	2.56	.01	.03	2	5
AB-L5N-1+50E	2	49	4	44	.1	46	8	193	4.64	64	2	ND	2	11	1	2	2	102	.09	.12	7	74	.79	55	.04	3	2.60	.01	.04	2	5
AB-L5N-1+75E	1	65	7	32	.8	25	6	367	2.09	14	2	ND	2	13	1	2	2	64	.17	.04	6	45	.69	56	.03	3	1.90	.02	.03	2	35
AB-L5N-2+00E	2	62	2	47	.3	31	7	242	2.95	21	2	ND	2	11	1	2	2	70	.18	.09	6	52	.57	53	.02	2	2.35	.01	.04	2	10
AB-L5N-2+25E	2	55	2	35	.1	32	6	158	2.34	32	2	ND	2	9	1	2	2	63	.15	.05	8	63	.61	61	.03	3	1.78	.01	.03	2	20
AB-L5N-2+50E	3	18	5	35	.1	30	4	134	2.21	57	2	ND	2	11	1	2	2	60	.11	.04	9	54	.47	118	.04	4	1.42	.01	.03	2	5
AB-L6N-2+50W	2	195	9	64	.7	69	13	514	3.00	134	2	ND	2	19	1	5	2	48	1.24	.08	9	71	.58	116	.02	8	1.85	.01	.05	2	5
STD A-1	1	30	40	186	.3	37	12	1029	2.77	9	2	ND	2	37	1	2	2	56	.62	.10	8	64	.63	268	.10	7	2.05	.02	.20	2	500

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
AB-L6N-2+25W	1	584	10	71	2.0	141	18	1753	3.88	198	2	ND	2	31	2	11	2	57	2.21	.14	19	157	.86	186	.02	3	3.08	.02	.10	2	5
AB-L6N-2+00W	1	270	1	41	.3	82	11	589	2.86	124	2	ND	2	26	1	5	2	48	1.53	.09	14	96	.56	131	.02	8	2.48	.01	.08	5	5
AB-L6N-1+50W	1	86	5	44	.3	34	8	650	2.39	30	2	ND	2	12	1	2	2	44	.26	.06	5	44	.43	121	.02	5	1.49	.01	.08	2	5
AB-L6N-1+25W	1	47	3	33	.1	27	6	189	2.37	77	5	ND	2	11	1	2	2	58	.24	.02	7	50	.51	116	.03	3	1.37	.01	.04	2	5
AB-L6N-1+00W	1	128	4	63	.6	62	13	255	4.57	118	2	ND	2	10	1	4	2	80	.12	.03	6	74	.52	174	.02	3	2.33	.01	.05	2	5
AB-L6N-0+75W	1	137	10	51	.2	70	13	223	3.87	63	2	ND	3	12	1	2	2	71	.11	.03	7	101	.96	107	.03	2	3.14	.01	.06	2	5
AB-L6N-0+50W	1	127	10	57	.3	68	17	1405	3.53	176	2	ND	2	13	1	2	2	65	.43	.04	7	84	.94	139	.03	4	2.51	.01	.05	2	5
AB-L6N-0+25W	1	55	6	26	.1	24	5	144	2.29	17	2	ND	2	8	1	2	2	64	.12	.03	6	51	.51	77	.03	2	1.48	.01	.03	2	5
AB-L6N-0+00	1	147	8	44	.1	44	9	189	3.72	48	2	ND	2	7	1	2	2	73	.07	.04	4	83	.78	79	.03	2	3.09	.01	.05	2	5
AB-L6N-0+25E	1	36	8	27	.1	21	5	148	2.57	24	2	ND	2	7	1	2	2	76	.10	.04	6	49	.50	59	.03	2	1.52	.01	.03	2	5
AB-L6N-0+50E	1	186	13	79	.4	82	20	3135	3.91	93	2	ND	2	16	1	2	2	65	.80	.08	10	90	.85	202	.02	8	3.38	.01	.07	2	5
AB-L6N-0+75E	1	88	6	43	.1	51	13	516	2.73	121	2	ND	2	12	1	2	3	55	.21	.03	7	78	1.06	98	.03	2	1.95	.01	.05	2	10
AB-L6N-1+00E	1	39	7	33	.2	29	6	175	2.72	41	2	ND	2	8	1	2	2	69	.11	.04	7	52	.53	85	.05	2	1.45	.01	.04	2	5
AB-L6N-1+25E	1	82	16	59	.1	35	8	182	4.67	60	2	ND	3	7	1	2	2	78	.07	.10	7	80	.55	83	.04	3	3.72	.01	.05	2	5
AB-L6N-1+50E	1	26	7	23	.1	15	7	511	2.37	11	2	ND	2	11	1	2	2	90	.08	.04	6	21	.34	78	.02	2	1.04	.01	.03	3	5
AB-L6N-1+75E	1	74	10	42	.1	32	7	190	3.10	50	3	ND	2	8	1	2	2	71	.09	.11	7	59	.67	80	.04	4	1.98	.01	.05	2	5
AB-L6N-2+00E	1	39	2	51	.1	31	8	227	2.50	38	2	ND	2	9	1	2	2	58	.19	.02	7	52	.61	95	.04	5	1.57	.01	.05	2	5
AB-L6N-2+25E	1	24	7	28	.1	25	6	186	2.03	28	2	ND	2	9	1	2	2	47	.15	.02	7	49	.58	81	.04	6	1.38	.01	.04	2	5
AB-L6N-2+50E	1	12	9	35	.1	14	4	114	1.67	17	2	ND	3	8	1	2	2	36	.10	.03	7	30	.28	85	.04	4	1.20	.01	.04	2	5
AB-L7N-2+25W	2	293	3	41	.1	45	11	259	3.07	20	2	ND	2	8	1	2	5	63	.07	.02	10	71	.82	110	.03	2	2.36	.01	.05	2	5
AB-L7N-2+00W	2	46	7	39	.1	26	7	150	2.80	29	2	ND	2	7	1	2	2	74	.10	.03	9	50	.51	68	.05	3	1.25	.01	.04	2	5
AB-L7N-1+75W	2	221	9	87	.1	72	32	771	4.29	29	2	ND	2	19	1	2	2	72	.34	.04	12	77	.79	143	.03	6	3.08	.01	.06	3	5
AB-L7N-1+50W	2	195	10	52	.1	85	18	239	4.62	35	3	ND	2	10	1	2	2	79	.10	.03	10	109	1.14	116	.03	3	3.33	.01	.05	2	5
AB-L7N-1+25W	3	144	6	38	.1	44	9	255	3.70	22	2	ND	2	7	1	2	2	65	.06	.04	10	71	.67	82	.03	6	2.14	.01	.04	2	5
AB-L7N-1+00W	2	69	6	41	.1	32	7	164	3.56	25	2	ND	3	6	1	2	2	73	.05	.05	9	74	.61	73	.04	5	2.34	.01	.04	2	5
AB-L7N-0+75W	2	35	2	31	.1	26	6	143	2.70	31	2	ND	2	7	1	2	2	64	.05	.04	9	54	.47	65	.03	2	1.44	.01	.03	2	5
AB-L7N-0+50W	2	64	4	36	.1	27	6	354	1.82	40	2	ND	2	11	1	2	2	43	.33	.02	9	48	.49	116	.02	2	1.42	.01	.04	2	5
AB-L7N-0+25W	2	20	4	35	.1	91	12	215	2.37	54	3	ND	2	9	1	8	3	43	.12	.02	7	131	1.15	92	.03	6	1.33	.01	.04	2	5
AB-L7N-0+00	3	66	9	41	.1	51	9	193	2.24	29	4	ND	3	8	1	2	3	44	.07	.02	7	68	.71	101	.04	2	1.66	.01	.05	2	5
AB-L7N-0+25E	2	18	4	18	.1	15	3	64	1.34	24	2	ND	2	8	1	2	2	40	.07	.02	7	32	.19	63	.03	5	.72	.01	.03	2	5
AB-L7N-0+50E	2	51	9	54	.1	34	6	156	4.39	51	5	ND	3	16	1	2	2	70	.05	.11	5	83	.57	88	.03	8	3.40	.01	.06	2	5
AB-L7N-0+75E	2	72	4	46	.1	28	6	158	3.23	32	5	ND	2	7	1	2	2	66	.05	.07	5	61	.49	85	.03	4	2.61	.01	.05	2	5
AB-L7N-1+00E	2	27	6	28	.3	13	4	97	2.56	22	4	ND	2	7	1	2	2	69	.05	.03	6	40	.27	60	.05	4	1.33	.01	.04	2	5
AB-L7N-1+25E	2	29	11	55	.5	30	5	179	3.43	40	4	ND	2	8	1	2	2	55	.06	.05	6	61	.44	68	.05	2	1.62	.01	.05	2	5
AB-L7N-1+50E	1	13	6	40	.1	11	2	119	2.30	10	5	ND	2	7	1	2	2	43	.04	.06	7	37	.28	68	.05	2	1.61	.01	.04	2	5
AB-L7N-1+75E	1	21	8	33	.2	20	3	94	2.46	18	5	ND	3	7	1	2	2	49	.04	.05	4	49	.25	66	.04	2	2.25	.01	.04	2	5
AB-L7N-2+00E	1	18	8	37	.2	23	5	147	2.66	19	2	ND	3	7	1	2	2	54	.06	.07	5	45	.39	58	.04	3	1.88	.01	.03	2	5
STD A-1/AU 0.5	1	29	39	184	.3	36	13	1008	2.74	10	2	ND	2	37	1	2	2	55	.62	.10	7	63	.63	252	.09	7	2.03	.02	.20	2	480

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
AB-L7N-2+25E	1	42	6	47	.2	37	9	194	4.88	43	3	ND	2	8	1	2	2	100	.07	.08	12	83	.61	66	.06	5	2.17	.01	.06	2	5
AB-L7N-2+50E	1	30	2	35	.1	29	5	119	3.14	29	2	ND	2	9	1	3	2	75	.12	.05	10	70	.41	62	.05	2	1.87	.01	.04	2	5
NO NUMBER	3	33	6	41	.1	102	14	144	3.79	35	2	ND	2	9	1	2	2	76	.04	.03	9	173	.24	91	.01	4	1.31	.01	.05	3	5



GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,180

LEGEND

Cu (ppm) / Au (ppb) — Geochemical Results
NOTE: Au values ≤ 5 ppb not shown.

IMPERIAL METALS CORPORATION

SCHNAPPS

FIGURE 3 — N.T.S. 93N/6W

A GRID - EAST HALF

GEOCHEMISTRY - Cu, Au

Metres 20 0 20 40 60 80 Metres

SCALE: 1:1000	GEOLOGIST: W. MORTON
DATE: SEPTEMBER 1984	DRAWN BY: S. HAWORTH

6+00 W | 5+00 W | 4+00 W | 3+00 W | 2+00 W | 1+00 W | 0+00

6+00 N

57 48 74 91 27 722 25 119 109 31 14 43 315 52 32 19 23 26 29 43 69

15

SCHNAPPS No.1
Legal Corner Post

5+00 N

354 99 21 31 36 54 48 25 28 43 44 44 31 23 53 23 19

4+00 N

29 1983 612 597 194 2452 227 206 38 41 47 19 32 26 52 42 42 40 25 25

16 12 15 10

29 154 246 5600 5322 402 175 912 466 304 353 48 91 157 56 45 55 23 16 46 25

7 11 9 14 7 125

3+00 N

41 113 54 7771 3066 318 246 106 46 85 34 374 14 50 48 103 116 28 69

6 21 7

22 72 42 1087 2733 186 225 154 492 566 1149 683 93 80 70 47 44 51 35

6 43 6 87 7

2+00 N

25 40 15 92 568 1102 40 178 228 212 132 55 113 23 21 138

6

383 172 795 496 244 164 116 320 298 408 59 52

11 12 8

1+00 N

332 89 529 42 67 159 60 2346 393

14

191 159 155 184 258 139 153 24 75 76 47 30

0+00

133 142 130 265 182 76 73 89 89 15 26

0+50 S

126

6+00 W | 5+00 W | 4+00 W | 3+00 W | 2+00 W | 1+00 W | 0+00

N

GEOLOGICAL BRANCH
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LEGEND

Cu (ppm) / Au (ppb) — Geochemical Results
NOTE: Au values ≤ 5 ppb not shown.

IMPERIAL METALS CORPORATION

SCHNAPPS

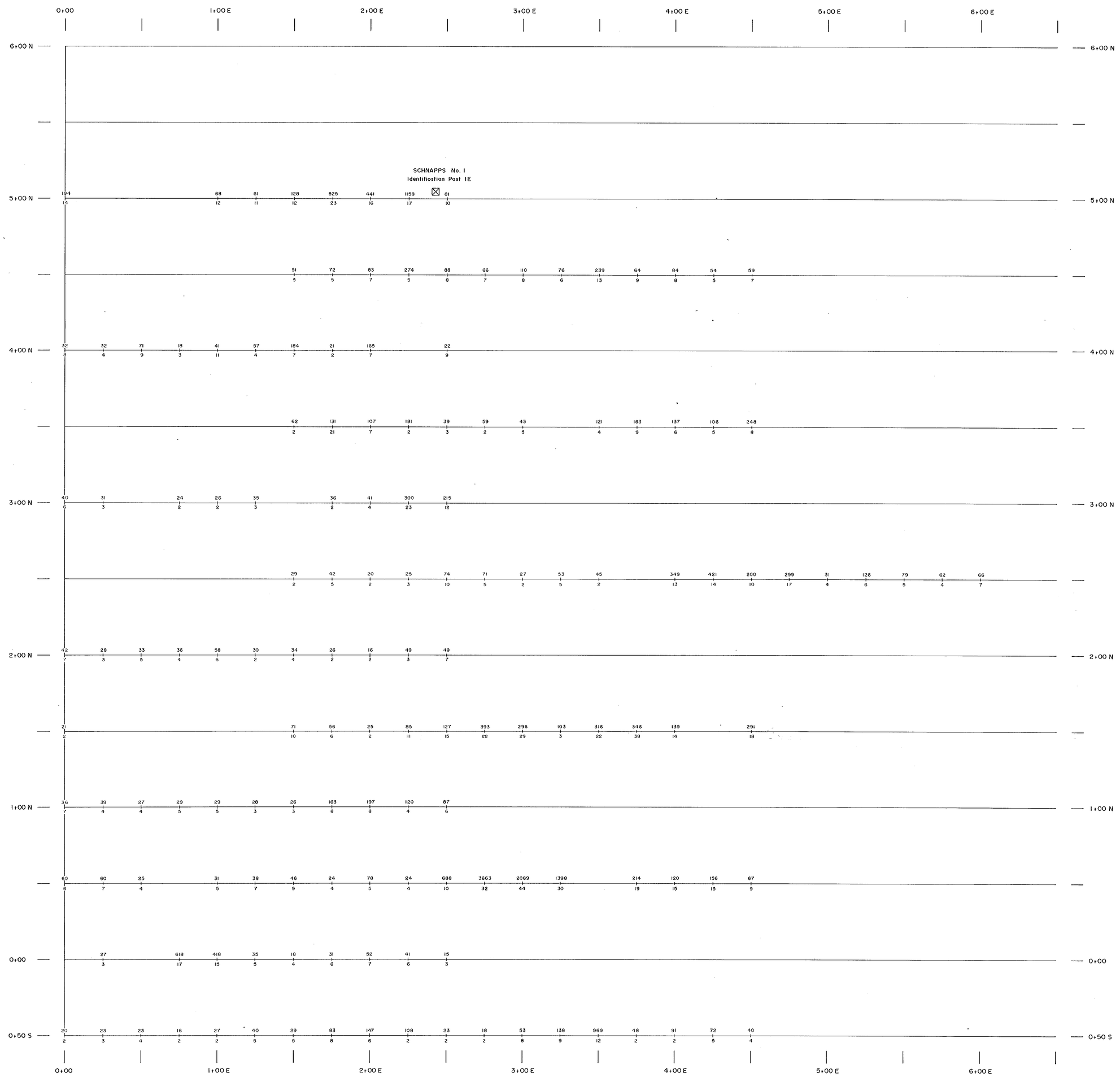
FIGURE 4 N.T.S. 93N/6W

A GRID - WEST HALF

GEOCHEMISTRY - Cu, Au

Metres 20 0 20 40 60 80 Metres

SCALE: 1:1000	GEOLOGIST: W. MORTON
DATE: SEPTEMBER 1984	DRAWN BY: S. HAWORTH



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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As (ppm) / Sb (ppm) Geochemical Results

IMPERIAL METALS CORPORATION

SCHNAPPS

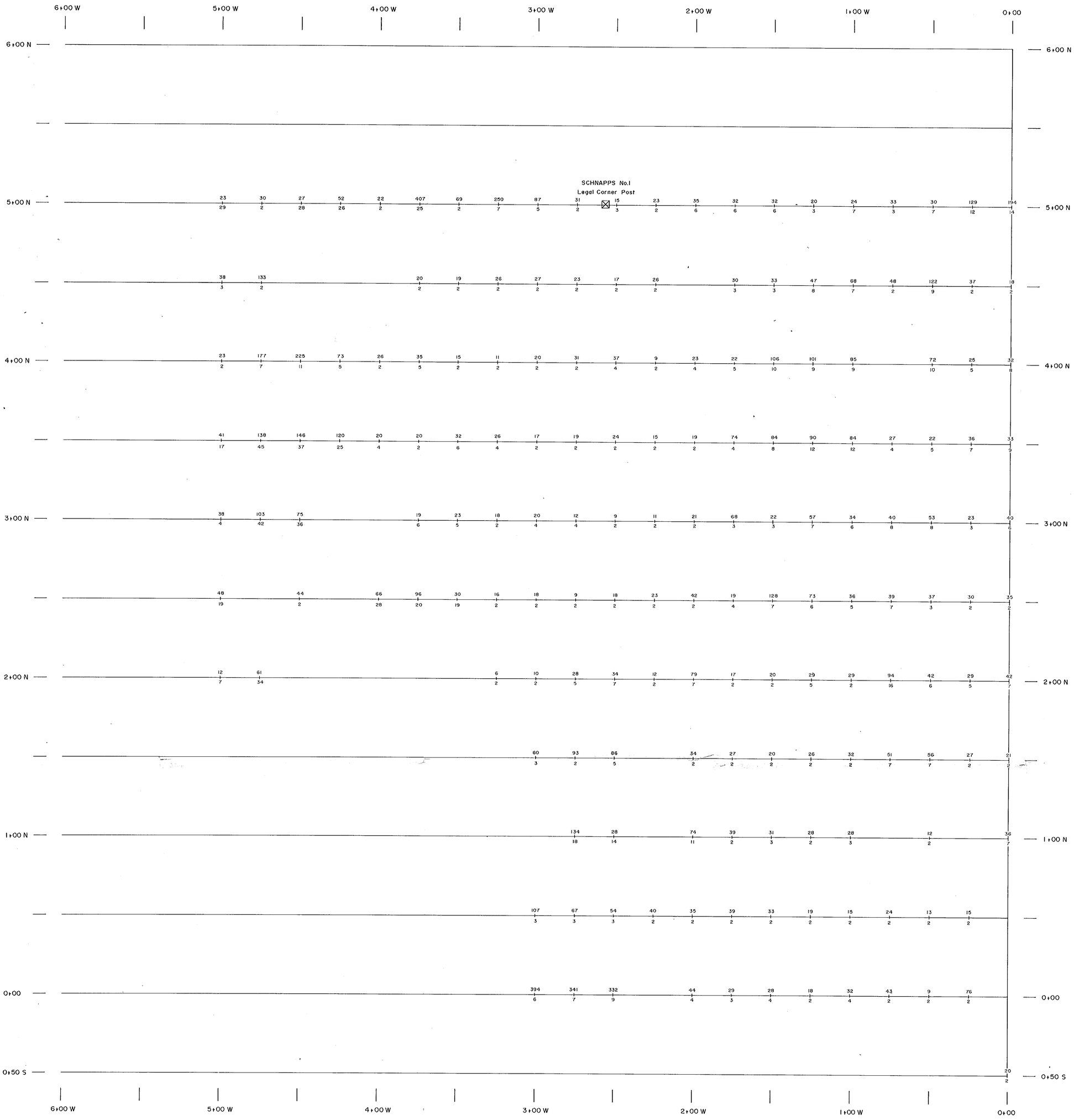
FIGURE 5 N.T.S. 93N/6W

A GRID - EAST HALF

GEOCHEMISTRY - As, Sb

Metres 20 0 20 40 60 80 Metres

SCALE: 1:1000	GEOLOGIST: W. MORTON
DATE: SEPTEMBER 1984	DRAWN BY: S. HAWORTH



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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As (ppm) / Sb (ppm) — Geochemical Results

IMPERIAL METALS CORPORATION

SCHNAPPS

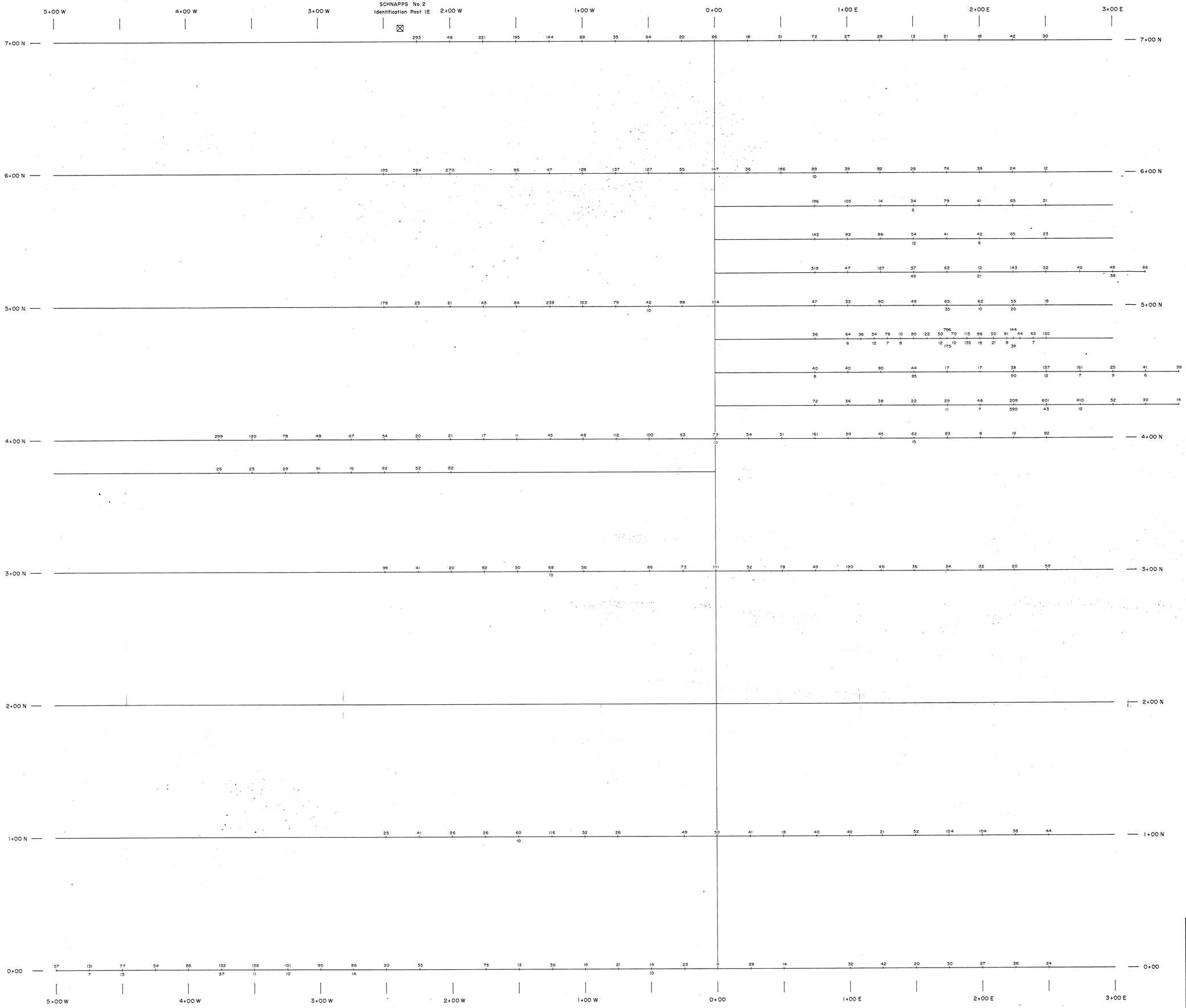
FIGURE 6 — N.T.S. 93N/6W

A GRID - WEST HALF

GEOCHEMISTRY - As, Sb

Metres 20 0 20 40 60 80 Metres

SCALE: 1:1000	GEOLOGIST: W. MORTON
DATE: SEPTEMBER 1984	DRAWN BY: S. HAWORTH



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Cu (ppm) / Au (ppb) — Geochemical Results
NOTE: Au values ≤ 5 ppb not shown.

IMPERIAL METALS CORPORATION

SCHNAPPS

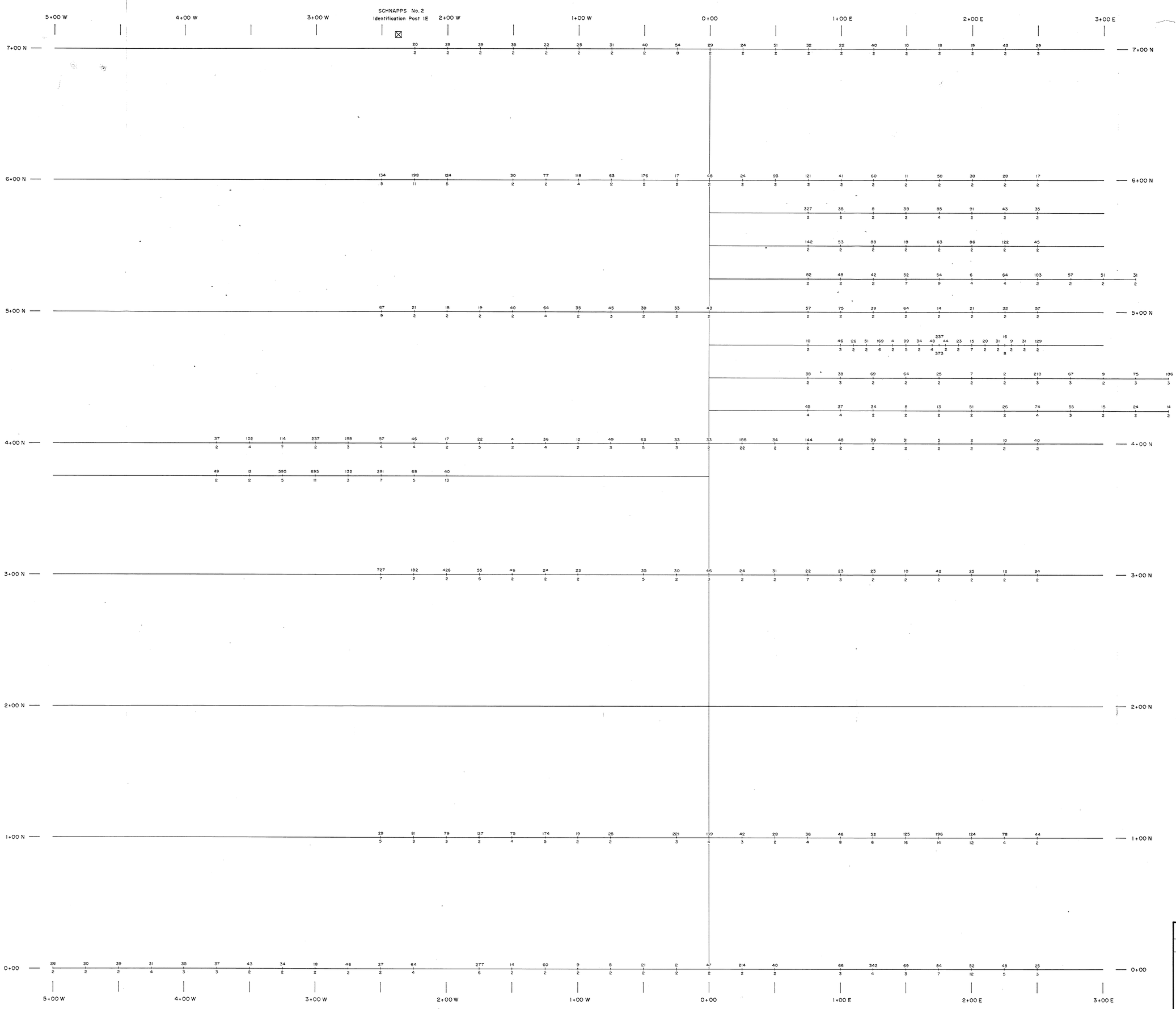
FIGURE 7 — N.T.S. 93N/6W

B GRID

GEOCHEMISTRY - Cu, Au

Metres 20 0 20 40 60 80 Metres

SCALE: 1:1000	GEOLOGIST: W. MORTON
DATE: OCTOBER 1984	DRAWN BY: S. HAWORTH



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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LEGEND

As (ppm) / Sb (ppm) Geochemical Results

IMPERIAL METALS CORPORATION

SCHNAPPS

FIGURE 8 N.T.S. 93N/6W

B GRID

GEOCHEMISTRY - As, Sb

Metres 20 0 20 40 60 80 Metres

SCALE: 1:1000 GEOLOGIST: W. MORTON

DATE: OCTOBER 1984 DRAWN BY: S. HAWORTH