86-854-15652

GEOCHEMISTRY AND GEOLOGY OF THE NORTH SLOPE CLAIMS

SPECIFIC CLAIMS:	NORTH SLOPE	#7333 (10)
	NSA	#7379 (11)
	NSB	#7380 (11)
	NSC	#7381 (11)
	NSD	#7382 (11)
	NSF. FR.	#7523 (3)

MINING DIVISION: OMINECA

NTS: 93N/11

LATITUDE: 55° 42'

LONGITUDE: 125° 14'

OWNER: Imperial Metals Corporation

OPERATOR: Imperial Metals Corporation

AUTHORS: Alan B. Taylor
Dennis Gorc

DATE: December, 1986

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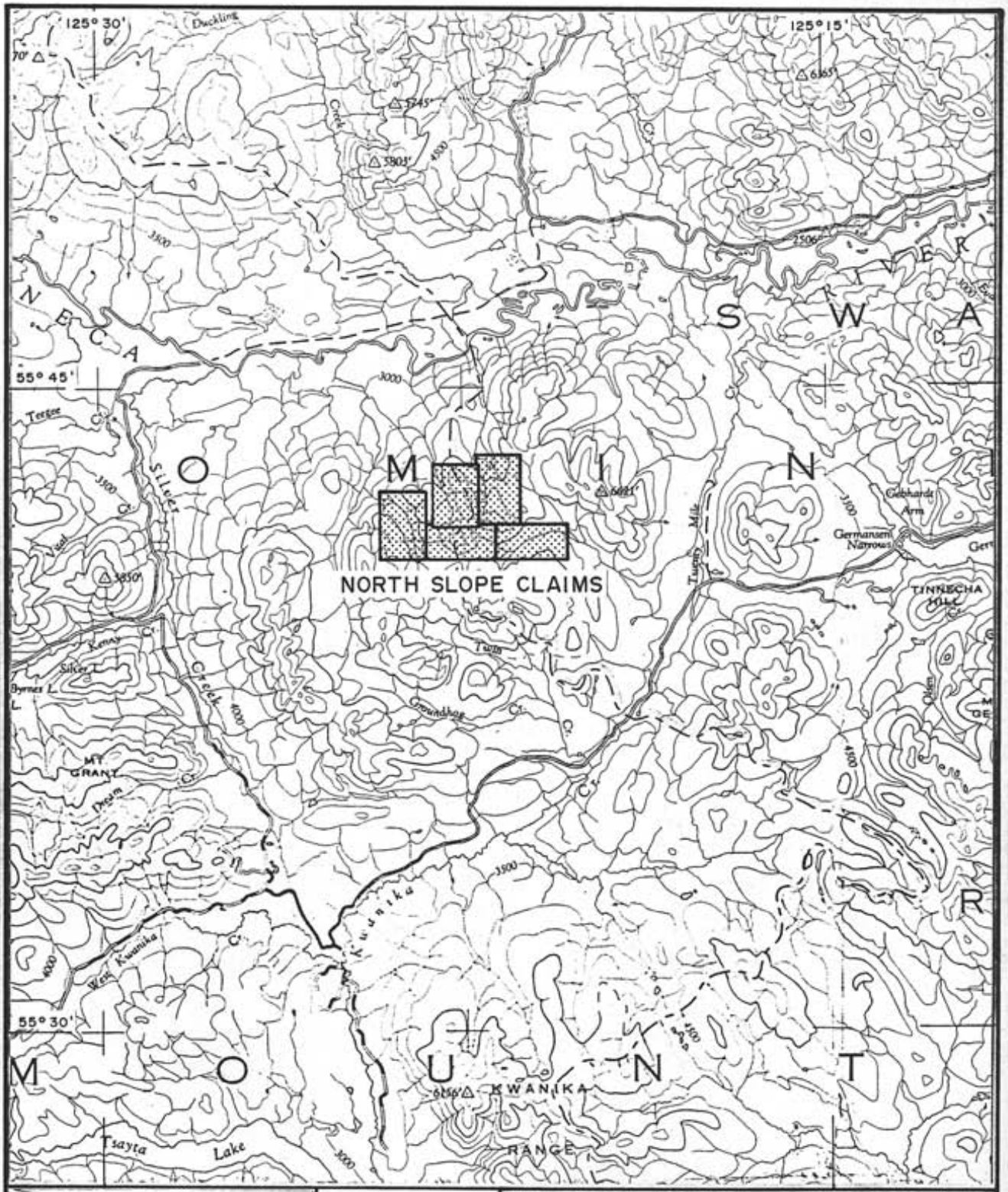


IMPERIAL METALS CORPORATION

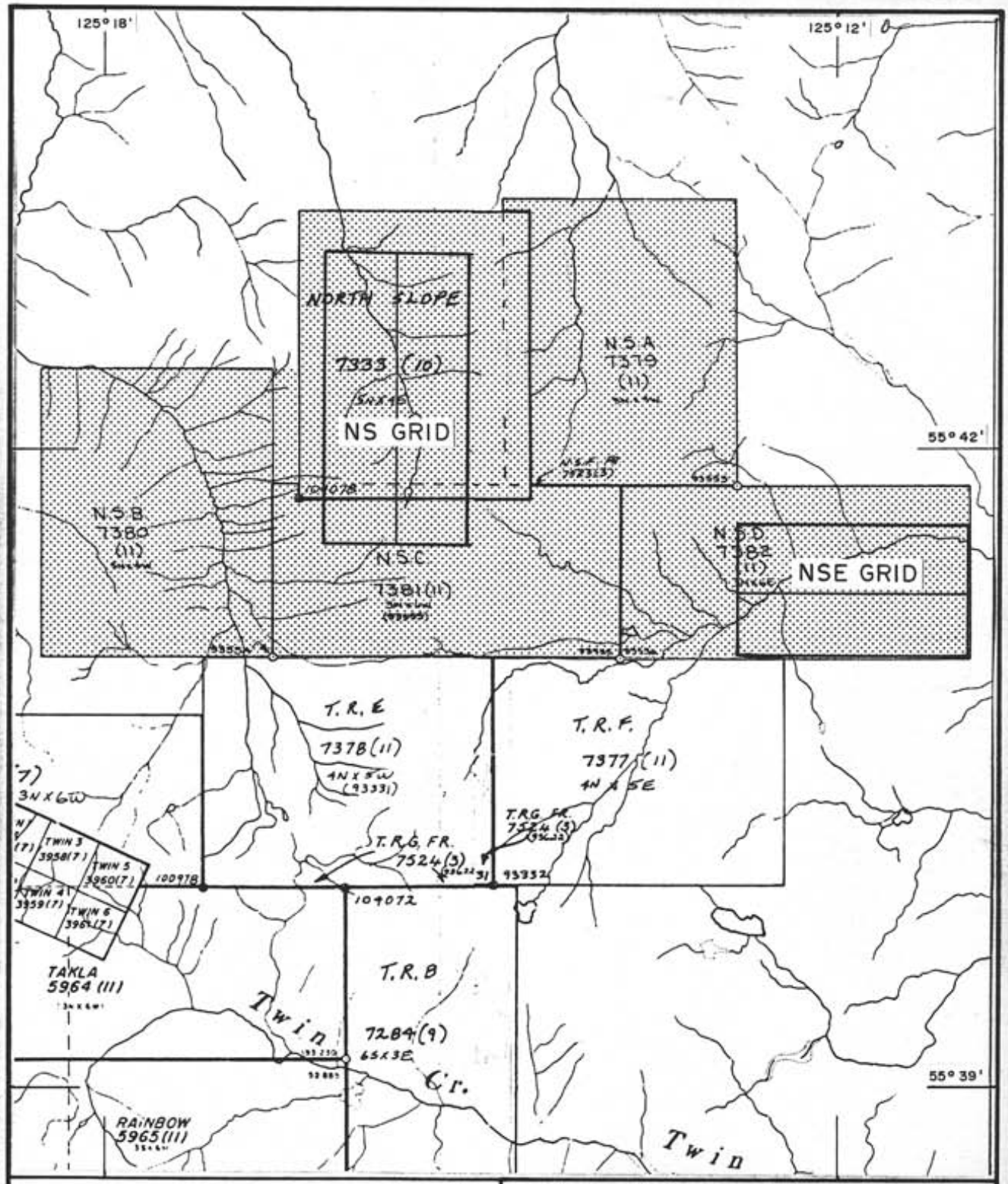
NORTH SLOPE

FIGURE 1 N.T.S. 93N

LOCATION MAP

Km 5 0 5 10 Km

SCALE: 1:250 000	GEOLOGIST: A. B. TAYLOR
DATE: DECEMBER 1986	DRAWN BY: S. HAWORTH



IMPERIAL METALS CORPORATION

NORTH SLOPE

FIGURE 2 N.T.S. 93N/11E & W

CLAIM MAP

Km 1 0 1 2 Km

SCALE: 1 : 50 000	GEOLOGIST: A.B. TAYLOR
DATE: DECEMBER 1986	DRAWN BY: S. HAWORTH

SUMMARY

The North Slope Claim Group consists of 97 units located west of Germansen Lake North-Central B.C. Anomalous gold values found in stream silts resulted in the emplacement of 2 detailed grids, the North Slope Grid and the North Slope East Grid. Soil sampling was carried out on both grids to try and define these anomalies.

Results show moderate to low gold anomalies found over Takla volcanics on the North Slope grid. These anomalies maybe attributed to local carbonatized shear zones in the volcanics near the Hogem intrusive contact.

Moderate to low gold anomalies were also defined on the North Slope East Grid. These anomalies are attributed to fault zones, paleo-stream channels or as a result of poor soil development.

1.0 Introduction

This report pertains to geological mapping and soil sampling programs completed between July 4 to 20, 1986 on the North Slope Claim Group.

2.0 General Geographical & Physiographic Position

The North Slope claims are located in the Swanell Range approximately 22 kilometers west of Germansen Lake North-Central British Columbia. Specifically the claims lie just south of the Omineca River between Silver Creek and Twenty Mile Creek. The area consists of alpine-type vegetation above 1700m and spruce forests occurring in the lower parts. The region contains moderate to steep slopes with Goat Ridge being the highest peak at 2,020m giving a relief to valley floors of approximately 500m.

Access to the claims is by helicopter and the Manson Creek-Takla Landing road is located 11 kilometers to the southeast.

3.0 Property

The North Slope Claim Group consists of the following claims:

CLAIM NAME	RECORD #	NO. OF UNITS	OWNER	RECORDED
North Slope	7333 (10)	20	IMC	Oct. 3, 1985
NSA	7379 (11)	20	IMC	Nov. 1, 1985
NSB	7380 (11)	20	IMC	Nov. 1, 1985
NSC	7381 (11)	18	IMC	Nov. 1, 1985
NSD	7382 (11)	18	IMC	Nov. 1, 1985
NSF (Fr.)	7523 (3)	1	IMC	Mar. 6, 1986
		97		

The above claims were grouped as the North Slope Group on September 26, 1986.

4.0 Exploration History

The North Slope claim was originally staked in October 1985, by Imperial Metals Corporation as a result of anomalous geochemical values in stream silt. Subsequently NSA, NSB, NSC, NSD were staked in November with the fractional claim NSF staked in March 1986 (figure #2).

As a result of anomalous geochemical values in two separate areas it was decided to establish two soil grids, the North Slope Grid and the North Slope East Grid (figure #2). The areas potential was heightened by favourable gold results from Takla Rainbow camp whose claims adjoin to the south. Imperial Metals Corporation was the operator on the property.

5.0 Summary of Work Completed

North Slope Grid: From July 4 to 15, 1986 the North Slope grid was emplaced consisting of a 2.8 kilometer cut and chained baseline with flagged crosslines every 100m extending 600m east and west of the baseline where possible. Soil samples were taken every 25m from the B horizon approximately 15 cm deep where possible. Of the 750 soil samples collected 445 were submitted for 30 element ICP analysis and Au by A.A. analysis to Acme Labs. Mapping at a 1:2,000 scale and prospecting was also carried out on the grid area (3.36 km^2) and 48 rocks were analysed by 30 element ICP and Au by A.A. methods.

North Slope East Grid: From July 10 to 20, 1986 a grid was emplaced consisting of a 2km long cut and chained baseline with flagged crosslines every 100m. Soil samples were taken every 25 meters along the crosslines with samples taken every 50 meters being submitted for analysis. Samples were taken from the B horizon where possible and analysed by 30 element ICP and Au by A.A. methods by Acme Labs. A total of 496 soil samples were submitted for analysis while the rest were stored for analysis at some future date.

6.0 Regional Geology

The North Slope claim group is underlain by Triassic Takla Group volcanics and intrusive rocks of the Hogem Batholith (Armstrong 1949). Rocks of the Takla Group consist mostly of epidote rich andesites and basalt

(Garnett, 1978) and are variably porphyritic. The Hogem-type rocks range from granodiorite to diorite to monzonites. The contact between these rocks was located (Garnett 19/2, 19/8) and the North Slope grid was placed to straddle this volcanic/intrusive contact.

7.0 Technical Data & Interpretation

7.1 North Slope Grid

7.1.1. Geology

The North Slope grid straddles the contact between rocks of the Triassic Takla volcanics and the Triassic-Jurassic Hogem Batholith suite.

Takla rocks consist mostly of dark green to light green variably epidotized andesites and andesitic-basalts. In some localities the volcanics contain 3mm phenocrysts of hornblende and pyroxene while in other areas the andesites are fine grained flow-type rocks. No marker horizons were found within the Takla rocks and it is very difficult to correlate units along strike. Pyrite occurs in blebs or lenses and along fracture/foliation planes and in some areas with chalcopyrite. Magnetite and epidote are generally present with epidote comprising up to 60% of the total rock in some localities. The volcanics appear to be fragmented in some outcrops and may represent a local breccia unit.

A number of east-west trending brown weathering carbonatized zones 1-3m wide which contain quartz and ankerite veins were found on Goat Ridge. These maybe related to shear zones within the volcanics or effects of the Hogem intrusive rocks. One rock sample (Goat 4+30N-R) from a carbonitized zone ran 2,350 ppb Au but upon more detailed sampling (Goat 4+30 A to C, soils & rocks) this value could not be duplicated.

Takla rocks appear relatively unaffected by the Hogem intrusive suite although it maybe apparent that what little mineralization was found is in the vicinity of the intrusive contact.

Rocks of the Hogem suite consist mostly of massive granodiorite, granites (with or without biotite) and quartz-feldspar-porphyry.
The quartz-feldspar porphyry rocks occur both as dikes cutting the Takla volcanics and as massive bodies (north end Goat Ridge). Little alteration is noted in the intrusive rocks near the contact which swings to an easterly trend at the north end of the grid.

All rocks contain a weak to moderate foliation trending north-northeast with steep southeasterly dips.

7.1.2. Geochemistry

From a plot of gold geochemical values in soils (figure #3) it can be noted that Takla volcanics display a much more varied background in soils from low to high anomalies (greater than 100 ppb) whereas soils over Hogem rocks are generally not anomalous. Most of the gold anomalies are located on the west slope of Goat Ridge. These anomalies maybe related to overall proximity of outcrop and/or carbonatized shear zones found within the volcanics on Goat Ridge. Local pyrite-chalcopyrite pockets within the volcanics also reflect spot highs. Anomalies found in the valley floor are probably related to thick accumulations of material from Goat Ridge.

A plot of copper geochemical contours (figure #4) on the North Slope Grid reveals a similar pattern to gold over volcanic geology but displays a new anomaly over intrusive geology. The high copper anomaly found at the eastern ends of lines 1800N to 2000N coincides with a gold anomaly and is probably related to local carbonatized shear zones found in outcrop on Goat Ridge. A number of spot copper highs occur over the volcanics and appear to be related to small bedrock occurrences of chalcopyrite-magnetite-pyrite mineralization. The large copper anomaly found at 400W on lines 2000N to 2300N lies completely over granitic terrain with an overburden cover. The origin of the anomaly may be related to copper mineralization found sporadically throughout the Hogem Batholith as porphyry-copper systems.

7.2 North Slope East Grid

7.2.1. Geology

Outcrops are scarce within the grid area. Outcrops of massive porphyritic andesite were mapped along the ridge extending from L14E to L20E in the southern portion of the grid area. No alteration or mineralization was noted witin these outcrops. These rocks are part of the Takla Group.

7.2.2. Geochemistry

Except for the ridges in the southeast and northwest portions of the grid, slopes are very gentle (less than 5°). Since the area is covered by clay-rich glacial overburden slight fluctuations of slope has resulted in widespread areas saturated with water. "Glade" soils are developed under such conditions.

"Glade" soils consist of a thick (0.5m to 1m) layer of organic material underlain by grey or brown clay, all of which is saturated with water. Such soils have no B-horizon development and are poor sampling mediums. Where encountered on the grid, the underlying clay was sampled. Such samples are indicated on figure #5. One should note that excellent B-horizon soil was often sampled within 5m of "glade" soils. Only a small increase in slope enabled sufficient drainage for proper soil development.

a) Gold Soil Geochemistry

Gold analysis from the soil survey are plotted on figure #5. Gold values greater than 20 ppb are considered of interest and values greater than 100 ppb considered anomalous.

The areas of soils with greater than 20 ppb Au can be divided into the following categories:

Category	Comments
A	Fault Related? - maybe related to a major fault whose projected trend coincides with a zone of anomalous soils.
B	Old Stream Channel - some anomalies coincide with an old stream channel which was much wider than the present channel. These anomalies likely represent gold transported from somewhere upstream, perhaps a considerable distance.
C	Glade Soil - no B horizon development; clay rich; poor sample medium; anomaly of no significance.
D	Unclassified - unknown explanation for gold.

b) Molybdenum Soil Geochemistry

Molybdenum analysis from the soil survey are plotted on Figure #6. An area of marginally anomalous soil (greater than 10 ppm Mo) is centred on L6E 4N. The anomaly extends 500m east-west and 400m north-south and roughly coincides with gold anomaly "A". Since other gold anomalies returned only background molybdenum this would again distinguish Anomaly "A" as being different from the other gold anomalies.

c) Copper Soil Geochemistry

Copper analysis from the soil survey are plotted on figure #6. Copper values greater than 60 ppm are considered of interest and values greater than 100 ppm anomalous.

At least half of the grid area is underlain by soils containing greater than 60 ppm copper. Much of the anomalous copper is likely the result of poor soil development and therefore of no significance. However the linearity of several of the anomalies suggests a possible underlying structural control which may be of some significance.

It is interesting to note that the gold and copper soil anomalies for the most part do not coincide. In the case of gold anomaly "A", the anomalous copper is peripherial to the gold anomaly.

8.0 Conclusions & Recommendations

8.1 North Slope Grid

A number of significant gold anomalies (greater than 100 ppb) exists along the western slope of Goat Ridge. The most significant Au anomaly is found at the eastern end of lines 18, 19 and 20 N and it is suspected that carbonatized shear zones in the Takla volcanics may be the origin of this anomaly, however further investigation is required.

A number of other smaller anomalies may be related to local mineralization of pyrite-chalcopyrite within the volcanics and should be investigated. Copper geochemistry coincides with gold over the volcanic geology but reveals a new anomaly found over intrusive geology which may be vein-type related to local porphyry-copper systems.

8.2 North Slope East Grid

Only anomaly "A" is believed to have any significance. The anomaly extends 600m from L2E 2+50N to L7E 5+50N and may coincide with a major fault. However, gold values within this anomaly are only marginally anomalous.

Three other "C" type soil anomalies may be of some significance:

a) L7E 2+50N to L9E 4N
b) L14+50E BL
c) 42E 3S to L18E 1+50S.

Again most gold values within the above "C" type anomalies are only marginally anomalous.

Prospecting and trenching should be done to investigate anomaly "A".

BIBLIOGRAPHY

Armstrong, J.E. 1949: Fort St. James Map-Area, British Columbia Map 907A, Geological Survey of Canada, Memoir 252.

Garnett, J.A. 1972: Preliminary Geological Map of Part of the Hogem Batholith, Duckling Creek Area, B.C. Dept. of Mines & Petroleum Resources. Prel. Map No. 9.

Garnett, J.A. 1978: Geology and Mineral Occurrences of the Southern Hogem Batholith, B.C. Dept. of Mines and Petroleum Resources, Bulletin 70.

Tipper, H.W.,Campbell R.B., Taylor G.C. and Stott D.F. 1979: Parsnip River, British Columbia. Map 1424A Sheet 93 Geological Survey of Canada.

NORTH SLOPE EAST GRID
Cost Summary - 1986

A. Wages

Field - July 10 to July 20, 1986

D. Gorc	$ 1,925.00	
J. Walker	1,045.00	
J. Coker	990.00	
S. Royea	1,045.00	
TOTAL Wages		$ 5,005.00

B. Camp Costs

Helicopter Charter 2.6 Hrs	$ 1,370.00	
Food	1,022.00	
Miscellaneous; radio, equipment, fuel	750.00	
TOTAL Camp Costs		$ 3,142.00

C. Geochemical Costs

496 soil sample analyses preparation, 30 element ICP and Au geochem	$ 4,798.00	
Soil envelopes	120.00	
Freight costs	152.00	
TOTAL Geochem. Costs		$ 5,070.00

D. Miscellaneous Costs

Report writing, drafting, computer	$ 1,250.00	
TOTAL Miscellaneous Costs		$ 1,250.00
NORTH SLOPE EAST TOTAL COSTS:		$14,467.00

Note: Part of the North Slope East Grid is outside of the North Slope Claim Group. The cost of establishing this portion of the grid can't be applied for assessment.

Total North Slope East Costs	$14,467.00
Costs of portion of grid outside of claim group	- 2,334.00
Cost to be applied as assessment	$12,133.00

NORTH SLOPE GRID
Cost Summary - 1986

Personnel

A. Taylor	July 4 - 15	12 days @ $165/day	$ 1,980.00	
R. Boase	July 4 - 15	12 days @ $ 95/day	1,140.00	
R. Carten	July 5 - 15	11 days @ $ 90/day	990.00	
TOTAL Personnel Costs				$4,110.00

Camp Costs

Food	35 man days @ $40/day	$ 1,400.00	
Equipment, radio, fuel		834.00	
TOTAL Camp Costs			$ 2,214.00

Transporation

Helicopter 3.5 hrs @ $425/hr plus fuel & oil	$ 1,613.00	
TOTAL Transportation Costs		$ 1,613.00

Geochemical Costs

445 soil samples @ $10.75/sample	$ 4,783.00	
48 rock samples @ $13.00/sample	624.00	
Soil envelopes, sample bag	120.00	
Freight Charges	150.00	
TOTAL Geochemical Costs		$ 5,677.00

Miscellaneous

Report Preparation & Computer Time	$ 1,250.00	
TOTAL Miscellaneous Costs		$ 1,250.00

TOTAL NORTH SLOPE GRID COSTS:	$14,864.00
TOTAL NORTH SLOPE EAST GRID COSTS:	12,133.00
TOTAL NORTH SLOPE COSTS:	$26,997.00

CERTIFICATE

I, Alan B. Taylor, geologist, residing at #15 - 8/20 Maplegrove Crescent in the Municipality of Burnaby, Province of British Columbia, hereby certify that:

1. I graduated from Brock University in 1979 with an Honours Bachelor of Science in Geology.

2. I graduated from the University of Western Ontario in 1984 with a Master of Science in Geology.

3. I have worked for various mining companies and government geological surveys since 1977.

4. I am presently a permanent staff geologist with Imperial Metals Corporation of #800-601 West Hastings Street, in the City of Vancouver, Province of British Columbia.

5. The work described in this report was undertaken under my direct supervision.

23 day of Dec, 1986
Vancouver, British Columbia

ALAN B. TAYLOR, Geologist

CERTIFICATE

I, Dennis Gorc, geologist, residing at Apt. 202-270 West 1st Street, North Vancouver, in the Province of British Columbia, hereby certify that:

1. I received a BSc (Eng.) degree from Queen's University, Kingston, Ontario in May of 1976.

2. Since 1976, I have worked on mineral exploration programs in British Columbia, Ontario, Manitoba and the Northwest Territories.

3. I am presently a permanent staff geologist with Imperial Metals Corporation of #800-601 West Hastings Street, in the City of Vancouver, Province of British Columbia.

4. I supervised the work on the North Slope East Grid.

23 day of December, 1986
Vancouver, British Columbia

Dennis Gorc

DENNIS GORC, R, Geologist

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 3-1-2 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: ROCKS/SILT AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 21 1986 DATE REPORT MAILED: July 24/86 ASSAYER. D. Toye .. DEAN TOYE. CERTIFIED B.C. ASSAYER.

IMPERIAL METALS CORPORATION PROJECT - 6102 FILE # 86-1571 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
MS 0+25N 4+10N-A-R	2	146	2	97	.6	7	19	1401	3.13	5	5	ND	1	34	1	2	2	60	.87	.131	5	8	.93	37	.18	2	1.23	.03	.26	1	50
MS 0+25N 4+10N-B-R	1	111	11	71	1.0	3	11	3192	7.61	7	5	ND	2	13	1	2	2	108	.32	.100	3	12	.54	29	.15	2	.79	.02	.15	1	50
MS 0+25N 4+10N-C-R	1	150	4	61	.6	9	22	502	4.13	5	5	ND	1	39	1	2	2	62	.63	.152	5	9	.77	28	.17	2	.90	.05	.09	1	8
MS 0+00N 5+10N-R	1	70	3	56	.1	3	13	550	3.32	2	5	ND	3	58	1	2	2	106	.92	.117	6	3	.96	33	.18	2	1.15	.04	.10	1	12
MS 0+00N 2+60E-R	1	1074	2	135	1.3	19	17	1950	6.13	5	5	ND	1	59	1	2	2	141	1.37	.106	7	53	1.08	29	.20	7	2.07	.24	.46	1	11
MS 0+00N 2+95E-R	1	197	9	171	.6	10	21	2840	7.13	2	5	ND	1	24	1	2	2	80	.68	.131	7	6	.50	30	.12	4	.90	.03	.18	1	18
MS 0+00N 9+10N	1	278	9	136	.4	14	31	2730	5.36	6	5	ND	1	95	1	2	2	114	.86	.176	9	17	1.48	77	.11	2	2.05	.02	.24	1	6
STD C/AU 0.5	21	59	36	136	8.2	67	32	1137	3.92	41	21	8	35	50	18	17	19	65	.47	.108	38	60	.88	185	.09	37	1.70	.07	.13	15	490

ROCKS

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 3-1-2 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: SOILS/ROCKS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 3 1986 DATE REPORT MAILED: Sept 11/86 ASSAYER. D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

IMPERIAL METALS PROJECT - 6102 FILE # 86-2437 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
GOAT 4+30-A	1	47	20	205	.3	14	21	1592	4.15	12	10	ND	4	60	1	2	2	69	9.18	.114	7	5	.84	87	.01	2	.91	.01	.22	1	20
GOAT 4+30-B	1	28	10	280	.3	17	28	1146	5.12	9	8	ND	3	45	1	2	2	80	5.07	.113	9	6	1.69	95	.01	5	1.96	.01	.45	2	11
GOAT 4+30-C	3	1027	10	183	.7	19	31	1780	6.91	6	7	ND	2	64	1	2	2	111	4.41	.108	7	13	2.45	78	.03	2	3.04	.01	.43	1	26
GOAT 4+30-A-R	1	62	15	171	.4	7	15	2786	3.52	14	12	ND	4	105	1	4	2	69	10.54	.095	5	2	.67	54	.01	8	.60	.01	.24	1	10
GOAT 4+30-B-R	1	79	10	203	.1	13	22	875	4.60	11	8	NB	2	83	1	2	2	128	3.09	.161	7	13	2.34	39	.09	3	1.85	.03	.19	1	3
GOAT 4+30-C-R	1	106	17	116	.3	9	14	591	3.12	12	5	ND	1	118	1	2	2	87	3.26	.170	4	8	1.24	18	.16	7	1.28	.04	.08	1	2
NS 25-A	13	6742	15	149	19.1	27	23	600	3.10	7	5	ND	1	97	1	2	2	72	1.59	.162	4	46	.78	30	.19	2	1.05	.05	.07	1	200
NS 25-B	17	12430	20	370	33.2	66	66	1034	6.53	18	5	NB	1	89	2	2	2	73	1.11	.150	3	39	1.51	34	.18	2	1.54	.01	.26	1	750
NS 26	14	161	36	47	1.0	3	18	5259	2.96	58	14	ND	3	286	1	2	5	9	20.64	.032	6	2	.65	26	.01	2	.17	.01	.13	1	89
STD C/AU-0.5	21	60	42	137	7.2	71	31	1111	3.97	41	22	8	34	48	18	15	22	64	.48	.110	37	60	.88	180	.08	34	1.73	.07	.13	14	515

ROCKS

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
NS 28+00N 7+50E-R	1	21	1084	437	11.0	8	5	472	1.89	388	5	ND	3	151	8	457	4	19	1.08	.048	13	12	.38	960	.04	2	.62	.04	.25	4	6
NS 25+50N 1+70E-R	1	41	138	127	1.3	5	12	1110	3.75	46	5	ND	2	35	2	54	2	30	4.68	.085	8	2	.58	959	.04	3	.67	.02	.47	1	10
NS 17+50N 2+00E-FLOAT	2	131	197	95	2.1	16	34	613	6.97	41	5	ND	1	41	1	49	9	47	.64	.098	2	14	1.48	18	.14	2	1.22	.02	.04	1	8
NS 13+00N 2+28W-FLOAT	1	12	167	75	1.1	6	42	1274	9.81	34	5	ND	3	72	1	52	3	36	.96	.102	3	2	.99	36	.18	2	1.47	.01	.52	86	2
NS 12+20N 2+58W-A-R	1	14	119	71	.9	6	15	879	3.25	72	7	ND	4	89	1	43	3	56	1.26	.089	11	6	.72	81	.15	2	1.23	.07	.67	11	8
NS 12+20N 2+58W-B-R	2	18	80	110	1.5	4	13	872	3.85	20	5	ND	3	33	1	24	2	57	1.08	.108	6	3	.96	111	.13	2	1.47	.04	.61	3	1
NS 12+20N 2+58W-C-R	1	168	16	145	.1	5	28	2364	11.22	5	5	ND	4	7	1	2	8	48	.28	.114	2	1	2.25	76	.07	2	3.39	.01	.68	2	4
NS 12+20N 2+58W-D-R	1	178	44	128	.5	6	121	2064	22.20	15	5	ND	2	10	1	2	17	71	.32	.123	2	3	2.22	14	.21	2	3.80	.02	2.28	4	55
NS 11+00N 2+00E-FLOAT	17	1160	219	175	4.5	16	17	321	3.53	30	5	ND	1	106	2	61	2	99	1.01	.204	3	29	.70	51	.21	2	.93	.03	.16	1	540
NS 9+30N 1+00E-FLOAT	1	5131	52	127	4.4	10	42	866	4.16	15	5	ND	1	58	1	12	2	70	1.09	.129	4	5	1.67	32	.11	2	1.66	.03	.09	1	75
NS BL 9+00N-FLOAT	88	11753	40	137	6.0	29	78	673	5.13	7	5	ND	1	54	1	4	2	103	.70	.121	2	9	2.54	35	.26	5	2.17	.03	.18	1	90
NS BL 8+93N-FLOAT	5	16865	40	117	8.5	23	74	485	4.81	5	5	ND	1	58	1	4	6	83	.76	.113	2	9	1.75	49	.22	3	1.80	.03	.20	1	110
NS BL 8+91N-FLOAT	22	5476	14	45	4.9	20	49	289	5.11	11	5	ND	1	51	1	2	2	58	.60	.133	2	26	.70	35	.15	2	.87	.03	.16	1	90
NS BL 8+90N-FLOAT	10	9691	11	64	7.1	17	39	388	2.85	6	5	ND	1	54	1	2	4	67	.69	.133	3	26	1.14	58	.22	2	1.19	.03	.26	1	210
NS 8+00E-FLOAT	3	382	26	47	.8	20	19	295	3.42	14	5	ND	1	62	1	5	2	73	.71	.141	2	39	.71	13	.20	5	.88	.04	.07	1	1
NS BL 5+50N-FLOAT	1	128	25	41	.4	14	22	284	4.35	12	5	ND	1	36	1	3	2	77	.68	.162	2	7	.79	26	.14	4	1.08	.03	.16	1	6
NS BL 5+40N-FLOAT	4	8567	22	204	13.3	23	49	2735	12.23	12	5	ND	1	45	2	2	10	85	.86	.054	5	14	.59	65	.12	2	.85	.01	.28	1	900
NS 4+50N 0+50W-FLOAT	1	398	23	48	1.3	12	42	1169	11.11	22	5	ND	1	38	1	4	2	106	.63	.080	4	7	.29	13	.14	3	.64	.01	.27	3	34
NS 4+50N 0+25W-FLOAT	2	2567	15	117	8.1	14	29	4453	18.73	5	5	ND	1	14	1	2	12	70	.24	.057	8	8	.49	143	.06	2	.61	.01	.10	1	54
NS 4+00N 1+36W-R	1	117	17	58	.4	9	19	405	2.87	12	5	ND	1	48	1	2	2	59	.67	.143	3	7	.51	39	.13	8	.73	.06	.14	1	1
NS 3+00N 1+80W-R	2	2398	8	89	2.6	13	25	5436	16.51	6	5	ND	3	12	1	2	13	81	.32	.074	8	11	.36	23	.05	2	.68	.01	.11	1	85
NS BL 2+85N-FLOAT	1	256	24	102	.6	22	44	1873	24.48	13	5	ND	1	23	1	2	11	168	.83	.073	3	10	.36	16	.12	2	.53	.03	.15	1	9
NS 1+50N 0+10W-FLOAT	1	932	23	221	.6	23	38	2996	22.61	10	5	ND	2	16	2	2	8	160	.40	.064	3	23	.24	17	.14	4	.27	.03	.14	1	23
NS BL 1+20N-FLOAT	1	2694	30	283	3.2	21	34	3550	10.74	11	5	ND	1	26	1	3	9	208	.73	.122	4	12	.67	26	.16	2	1.08	.02	.41	1	140
NS GOAT 12+50N 2+20E-R	1	37	18	34	.2	5	5	378	1.48	7	5	ND	3	37	1	3	2	12	1.82	.057	12	5	.17	78	.01	4	.51	.03	.24	1	1
NS GOAT 8+34N-R	1	2319	14	75	1.6	15	23	1012	4.77	2	5	ND	1	71	1	2	2	104	4.81	.118	2	26	2.17	74	.02	6	2.03	.03	.14	1	33
NS GOAT 8+30N-R	1	14	11	52	.1	9	16	1068	3.76	5	5	ND	2	107	1	2	2	50	10.07	.093	2	6	2.33	692	.01	5	.37	.01	.27	1	1
NS GOAT 4+30N-R	1	12605	23	54	22.6	4	32	234	2.62	9	5	ND	1	65	1	2	7	36	1.51	.145	3	6	.28	23	.15	2	.63	.04	.10	1	2350
NS GOAT 3+28N-R	1	46	14	145	.1	8	14	1614	3.38	11	5	ND	1	108	1	2	2	82	6.85	.120	2	9	.86	39	.12	7	.98	.03	.14	1	1
NS GOAT 1+42N-R	1	255	13	68	.3	13	21	610	3.12	19	5	ND	1	95	1	2	2	87	2.64	.132	3	16	1.15	52	.25	2	1.33	.04	.30	1	13
NS GOAT 1+50S-R	29	726	6	56	23.8	8	10	318	4.82	3	5	ND	1	17	1	2	2	39	.11	.098	2	5	.85	78	.01	2	1.26	.01	.18	1	190
NS GOAT 2+00S-R	1	124	7	61	.1	11	23	457	4.29	9	5	ND	1	70	1	2	2	86	.81	.134	2	9	1.73	20	.23	5	1.89	.04	.09	1	3
NS GOAT 2+15S-R	1	158	7	35	.3	8	24	271	2.91	5	5	ND	1	74	1	2	2	83	1.03	.126	2	8	.98	35	.24	5	1.50	.05	.19	2	1
NS AT-1R	1	40	17	37	.1	4	9	642	2.87	8	5	ND	2	40	1	3	2	70	2.65	.101	7	5	.66	163	.07	4	1.05	.07	.34	1	1
TRAT-1	1	24	10	66	.1	14	17	542	7.69	37	5	ND	1	30	1	2	2	114	.24	.130	5	16	3.67	39	.12	2	2.46	.03	.11	1	1
STD C/AU-0.5	20	57	39	130	7.0	68	29	1084	3.95	37	20	7	33	48	17	16	22	63	.48	.102	35	57	.88	178	.08	36	1.72	.07	.14	14	485

ROCKS

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 3-1-2 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: SOILS -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 21 1986 DATE REPORT MAILED: July 24/86 ASSAYER..D.Toye..DEAN TOYE. CERTIFIED B.C. ASSAYER.

IMPERIAL METALS PROJECT - 6102 FILE # 86-1570

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
NS 28+00N 6+00W	4	55	11	71	.2	15	12	369	6.10	2	5	ND	1	56	1	2	2	179	.45	.090	7	28	.57	59	.21	3	3.07	.02	.11	1	1
NS 28+00N 5+50W	25	138	16	78	.2	5	17	439	6.88	7	5	ND	1	55	1	3	2	264	.40	.114	6	18	.60	100	.17	2	2.21	.01	.14	1	10
NS 28+00N 5+00W	4	72	19	66	.1	12	10	306	4.76	6	5	ND	1	59	1	2	2	161	.39	.076	6	27	.48	65	.27	2	1.93	.02	.08	1	1
NS 28+00N 4+50W	10	73	15	68	.1	10	11	448	3.59	5	5	ND	1	91	1	2	2	132	.66	.045	7	20	.75	83	.27	3	2.02	.02	.11	2	4
NS 28+00N 4+00W	2	37	9	46	.3	9	7	230	3.44	2	5	ND	1	54	1	2	2	113	.35	.068	4	21	.39	54	.14	5	1.78	.01	.06	1	6
NS 28+00N 3+50W	15	101	23	84	.1	14	17	814	4.24	11	5	ND	2	125	1	2	2	133	1.46	.164	10	28	1.20	103	.22	7	2.10	.03	.20	1	13
NS 28+00N 2+00W	4	91	2	96	.4	22	18	694	4.71	7	5	ND	1	117	1	2	2	141	1.34	.114	9	48	1.42	100	.21	9	2.47	.03	.16	1	15
NS 28+00N 1+50W	8	126	9	115	.2	22	22	1045	4.91	2	12	ND	1	108	1	2	2	171	1.23	.060	10	52	1.29	116	.20	3	2.72	.03	.11	2	6
NS 28+00N 1+00W	3	247	18	129	.3	21	24	1416	4.44	5	11	ND	1	170	1	2	2	128	2.75	.117	17	29	1.48	218	.16	6	3.22	.03	.25	2	2
NS 28+00N 0+50W	1	103	17	98	.1	18	17	864	4.87	7	5	ND	1	116	1	2	2	127	.71	.185	10	21	1.23	123	.15	2	2.62	.02	.12	3	1
NS 28+00N 0+00W	1	74	15	120	.1	11	17	1224	5.56	6	5	ND	1	129	1	2	5	140	.76	.169	9	13	1.12	265	.11	3	2.52	.01	.16	1	3
NS 27+00N 6+00W	1	85	4	66	.1	6	15	357	6.82	3	5	ND	3	45	1	2	2	201	.44	.336	5	28	.67	56	.22	2	2.96	.02	.08	1	1
NS 27+00N 5+50W	4	86	19	60	.1	9	13	322	6.61	7	5	ND	1	58	1	2	2	210	.37	.129	2	24	.52	75	.22	2	1.90	.02	.07	1	4
NS 27+00N 5+00W	2	35	21	44	.7	9	5	300	2.43	2	5	ND	1	51	1	3	2	96	.35	.069	7	16	.28	70	.19	2	1.54	.01	.06	1	1
NS 27+00N 4+50W	3	91	11	92	.1	17	12	465	6.62	3	5	ND	2	59	1	2	2	175	.52	.272	8	32	.93	75	.20	3	2.80	.02	.09	1	2
NS 27+00N 4+00W	1	100	3	74	.1	14	17	623	5.05	5	5	ND	2	102	1	4	5	148	.80	.146	9	29	1.13	77	.23	4	2.75	.02	.11	1	16
NS 27+00N 3+25W	7	85	4	88	.1	15	19	1279	4.68	3	5	ND	2	102	1	2	2	150	1.37	.193	6	39	1.31	85	.18	2	1.71	.03	.21	1	7
NS 27+00N 2+00W	8	181	13	113	.1	17	23	1136	5.33	7	37	ND	2	175	1	2	2	176	2.19	.183	8	44	1.68	433	.19	3	3.36	.03	.11	12	16
NS 27+00N 1+50W	10	124	4	114	.3	9	20	1131	4.96	2	5	ND	1	142	1	2	2	148	1.07	.121	5	16	1.44	297	.16	6	2.84	.02	.19	1	13
NS 27+00N 1+00W	3	97	17	86	.1	6	19	603	6.01	7	5	ND	2	119	1	2	2	156	.78	.175	7	13	1.06	104	.16	2	2.18	.02	.16	1	12
NS 27+00N 0+50W	1	90	16	74	.1	14	17	576	5.30	3	5	ND	1	87	1	2	2	147	.72	.141	3	50	1.19	68	.17	6	2.21	.02	.13	1	19
NS 27+00N 0+00W	2	109	2	82	.1	8	18	686	5.55	3	5	ND	1	82	1	2	4	138	.61	.176	8	10	1.02	119	.11	4	2.18	.01	.13	1	20
NS 27+00N 0+50E	2	153	2	87	.1	9	21	886	5.42	7	5	ND	1	84	1	2	2	132	.68	.165	8	12	1.18	102	.12	7	2.41	.01	.16	2	39
NS 26+00N 6+00W	2	31	6	45	.1	4	7	127	2.85	5	5	ND	1	39	1	3	3	107	.25	.079	3	15	.16	60	.03	2	1.43	.01	.05	1	3
NS 26+00N 5+50W	3	64	19	55	.1	8	9	339	4.28	2	5	ND	1	66	1	2	2	160	.52	.096	4	18	.42	63	.24	2	1.64	.02	.10	1	1
NS 26+00N 5+00W	24	608	8	76	.5	12	13	1224	3.64	2	5	ND	1	129	1	4	2	106	4.64	.184	12	17	.79	309	.06	2	2.09	.01	.08	3	2
NS 26+00N 4+50W	14	89	15	81	.1	19	14	432	5.00	3	5	ND	1	85	1	2	2	154	.93	.095	7	37	.88	130	.23	2	2.16	.02	.10	1	3
NS 26+00N 4+00W	2	24	6	49	.1	5	6	330	3.39	2	5	ND	1	95	1	2	2	117	.54	.050	2	9	.49	68	.22	3	1.52	.02	.08	1	5
NS 26+00N 3+50W	8	149	5	91	.4	13	18	870	4.37	2	5	ND	1	123	1	2	3	137	1.79	.125	10	22	1.36	193	.22	3	2.21	.03	.22	1	7
NS 26+00N 2+00W	2	128	8	118	.4	15	19	1113	4.11	10	5	ND	1	117	2	2	2	132	2.98	.171	6	34	1.26	159	.12	5	2.11	.02	.19	1	12
NS 26+00N 0+75W	2	101	10	134	.1	21	19	1073	5.53	9	5	ND	1	81	1	2	5	157	.76	.157	10	40	1.51	232	.23	2	2.71	.02	.17	1	4
NS 25+00N 6+00W	1	76	10	80	.1	12	13	357	6.04	2	5	ND	1	54	1	2	5	144	.35	.298	2	30	.64	55	.12	2	3.19	.01	.08	1	1
NS 25+00N 5+50W	4	46	18	51	.3	6	8	291	4.64	4	5	ND	1	52	1	2	4	155	.30	.053	6	24	.42	57	.19	4	1.65	.01	.07	1	1
NS 25+00N 5+00W	26	82	10	71	.2	12	13	369	4.93	4	5	ND	1	72	1	3	2	155	.47	.060	5	18	.67	74	.20	8	2.35	.01	.09	1	2
NS 25+00N 4+50W	8	49	6	60	.1	5	10	378	4.70	2	5	ND	1	70	1	3	3	168	.45	.061	6	16	.44	92	.24	2	1.69	.01	.09	1	1
NS 25+00N 4+00W	8	116	18	105	.4	17	17	593	5.70	4	5	ND	2	73	1	2	2	153	.67	.113	8	31	1.12	132	.22	4	2.71	.02	.12	1	3
STD C/AU-0.5	21	62	40	135	7.1	75	31	1224	3.97	42	16	9	34	51	20	16	19	70	.48	.115	38	63	.88	181	.09	39	1.72	.07	.15	15	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
NS 25+00N 3+50W	1	28	6	55	.2	8	8	330	4.13	2	5	ND	1	79	1	2	2	132	.57	.103	3	24	.61	60	.13	2	1.76	.02	.09	2	15
NS 25+00N 3+00W	9	205	13	104	.5	14	21	805	5.01	3	5	ND	1	131	1	2	2	134	1.74	.173	20	22	1.15	209	.09	2	2.75	.02	.16	1	10
NS 25+00N 2+50W	2	91	11	87	.2	11	17	712	4.84	5	5	ND	1	101	1	2	3	149	1.30	.166	7	37	1.22	48	.12	2	1.80	.02	.12	2	28
NS 25+00N 2+00W	2	83	13	89	.3	20	15	475	4.16	5	5	ND	1	67	1	2	4	122	.54	.076	9	47	1.19	76	.17	4	2.51	.02	.14	2	8
NS 25+00N 1+50W	1	47	9	79	.3	18	12	459	4.74	10	5	ND	1	78	1	2	2	132	.61	.203	5	54	1.04	55	.14	3	2.38	.02	.11	2	12
NS 25+00N 1+00W	2	164	21	138	.2	17	25	1033	5.85	9	5	ND	1	73	1	2	2	132	1.23	.212	10	35	1.73	231	.11	3	2.33	.02	.38	1	46
NS 25+00N 0+50W	2	162	19	145	.1	16	26	1185	5.63	9	5	ND	1	58	1	2	3	131	.95	.173	8	34	1.74	165	.10	4	2.22	.02	.53	2	23
NS 24+00N 6+00W	1	34	10	45	.5	6	7	190	3.00	3	5	ND	1	58	1	2	2	99	.44	.095	5	21	.28	60	.11	2	1.62	.01	.06	1	1
NS 24+00N 5+50W	3	91	12	111	.2	11	19	1234	6.75	7	5	ND	1	43	1	2	2	145	.55	.205	6	19	1.28	127	.11	9	2.70	.02	.10	1	1
NS 24+00N 5+00W	4	110	13	99	.6	9	16	814	4.45	5	5	ND	1	110	1	2	2	125	1.05	.221	15	19	.89	118	.04	3	2.49	.02	.10	1	7
NS 24+00N 4+50W	9	105	10	126	.1	16	18	675	6.49	2	5	ND	1	62	1	2	2	181	.62	.168	2	27	.81	125	.07	4	2.48	.01	.12	1	1
NS 24+00N 4+00W	9	103	12	92	.1	16	14	492	5.36	5	5	ND	2	63	1	2	2	152	.53	.048	8	36	.99	105	.22	2	2.41	.02	.15	1	6
NS 24+00N 3+50W	3	42	10	67	.2	4	10	368	3.87	3	5	ND	1	109	1	2	2	132	.92	.080	2	18	.65	89	.13	2	1.64	.02	.12	1	12
NS 24+00N 3+00W	4	109	10	87	.3	9	15	752	3.74	2	5	ND	1	149	1	2	3	110	1.62	.142	7	21	1.08	143	.12	5	2.09	.02	.19	1	28
NS 24+00N 2+50W	1	137	6	101	.5	15	19	760	4.53	3	5	ND	1	78	1	2	4	137	.76	.144	4	35	1.38	76	.14	3	2.43	.02	.15	1	95
NS 24+00N 2+00W	2	47	10	57	.3	10	9	311	2.47	2	5	ND	1	92	1	2	2	97	.70	.066	7	29	.70	72	.13	2	1.92	.02	.10	1	16
NS 24+00N 1+50W	2	70	9	79	.4	18	12	447	4.69	3	5	ND	1	69	1	2	5	120	.54	.074	4	40	.94	69	.15	2	2.27	.02	.09	1	7
NS 24+00N 1+00W	3	94	13	88	.3	15	15	609	3.85	5	5	ND	1	84	1	2	2	143	.93	.173	6	51	1.14	70	.11	2	2.20	.02	.10	5	34
NS 24+00N 0+50W	1	124	3	94	.5	18	19	1513	4.18	2	5	ND	1	79	1	2	2	133	.73	.104	5	43	1.42	105	.14	2	2.41	.02	.11	1	16
NS 24+00N 0+00W	1	62	8	114	.2	17	18	785	5.49	7	5	ND	1	74	1	2	2	161	.60	.132	2	47	1.80	72	.18	3	2.37	.03	.21	3	13
NS 24+00N 0+50E	1	54	6	103	.1	15	17	1094	4.85	8	5	ND	1	72	1	2	2	138	.62	.151	3	46	1.63	103	.14	2	1.98	.02	.21	3	17
NS 24+00N 1+00E	1	77	7	110	.1	17	18	827	5.53	7	5	ND	1	62	1	2	2	155	.62	.237	3	46	1.73	84	.15	2	2.30	.02	.23	1	18
NS 24+00N 1+50E	1	75	7	98	.2	18	17	627	5.40	5	5	ND	1	68	1	2	2	158	.52	.115	2	48	1.65	78	.17	2	2.46	.02	.14	1	24
NS 24+00N 2+00E	1	98	9	115	.1	17	19	1190	5.16	2	5	ND	1	67	1	2	2	146	.65	.164	2	46	1.71	113	.12	2	2.48	.02	.19	1	9
NS 24+00N 2+50E	1	174	12	113	.1	20	24	1095	6.20	8	5	ND	1	73	1	2	3	168	.76	.197	3	58	1.97	84	.13	7	2.53	.02	.31	7	44
NS 24+00N 3+00E	1	140	17	117	.1	19	23	891	5.71	8	5	ND	1	72	1	2	2	150	.69	.241	6	54	1.95	77	.11	7	2.62	.02	.18	5	20
NS 23+00N 6+00W	1	56	10	68	.3	12	11	336	5.28	6	5	ND	1	46	1	2	2	137	.40	.197	4	36	.56	67	.10	2	2.28	.01	.08	1	2
NS 23+00N 5+50W	2	57	13	57	.2	9	10	264	4.38	4	5	ND	1	42	1	3	2	123	.32	.128	8	28	.53	55	.16	2	2.02	.01	.07	3	1
NS 23+00N 5+00W	6	303	17	122	.1	16	35	1564	7.99	2	5	ND	3	83	1	2	6	237	1.65	.166	9	25	2.17	193	.13	4	3.60	.03	.53	1	5
NS 23+00N 4+50W	11	245	13	130	.3	14	26	1948	6.01	2	5	ND	1	124	1	2	2	164	1.70	.069	9	28	1.12	215	.15	7	2.96	.02	.14	3	14
NS 23+00N 4+00W	10	270	21	108	.4	11	24	880	5.47	5	5	ND	2	129	1	2	2	131	2.00	.141	21	22	.95	200	.11	2	2.31	.02	.17	2	6
NS 23+00N 3+50W	11	138	10	99	.2	10	20	1451	5.63	3	5	ND	2	126	1	2	2	141	1.82	.200	11	20	1.10	138	.09	4	2.32	.02	.21	1	8
NS 23+00N 3+00W	5	146	7	90	.2	15	19	902	4.13	4	5	ND	1	131	1	2	2	125	1.36	.115	10	26	1.24	134	.15	6	2.31	.03	.20	1	17
NS 23+00N 2+50W	4	217	3	116	.2	17	24	847	4.76	7	5	ND	3	113	1	2	2	140	.97	.106	12	41	1.69	179	.20	6	3.22	.03	.21	1	21
NS 23+00N 2+00W	1	126	14	82	.3	15	17	632	4.15	5	5	ND	1	86	1	2	2	126	.86	.151	5	38	1.22	69	.15	2	2.45	.02	.15	1	56
NS 23+00N 1+75W	2	58	12	77	.1	17	12	418	4.23	5	5	ND	1	72	1	2	2	121	.54	.065	6	39	.98	55	.21	4	2.55	.02	.09	3	14
STD C/AU-0.5	20	61	39	136	7.1	72	30	1126	3.95	39	22	8	37	49	20	15	18	67	.48	.125	41	71	.88	183	.07	40	1.72	.08	.15	12	520

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
NS 23+00N 1+50W	1	67	4	70	.1	14	14	495	3.48	9	5	ND	1	78	1	2	2	108	.83	.159	6	32	1.03	44	.14	2	1.51	.02	.09	1	38
NS 23+00N 0+00W	1	77	2	95	.3	15	17	543	3.77	9	5	ND	1	61	1	2	2	119	.75	.099	8	40	1.43	72	.13	2	1.96	.02	.11	1	160
NS 23+00N 0+50E	1	82	18	101	.2	22	18	704	4.79	10	5	ND	1	52	1	2	2	140	.49	.203	7	50	1.67	70	.16	2	2.03	.02	.09	6	15
NS 23+00N 1+00E	1	50	7	83	.1	11	14	474	4.49	8	5	ND	1	46	1	2	2	128	.35	.081	4	48	1.40	51	.17	2	1.73	.01	.09	2	29
NS 23+00N 1+50E	1	132	3	110	.1	21	23	998	4.93	10	5	ND	1	56	1	2	2	138	.69	.166	8	60	1.97	80	.15	2	2.11	.01	.29	3	30
NS 23+00N 2+00E	1	106	5	124	.1	19	21	876	4.75	14	5	ND	1	46	1	2	2	133	.56	.166	10	54	1.87	68	.15	2	2.26	.01	.16	5	25
NS 23+00N 2+50E	1	60	14	115	.3	18	16	804	4.39	6	5	ND	1	49	1	2	2	122	.53	.142	5	52	1.49	100	.14	2	1.81	.01	.15	2	20
NS 23+00N 3+00E	1	105	6	117	.1	16	22	961	4.90	12	5	ND	1	46	1	2	2	141	.50	.126	9	39	1.76	62	.20	2	2.35	.02	.23	2	27
NS 23+00N 3+50E	1	144	14	117	.1	17	22	1261	4.42	7	5	ND	1	47	1	2	2	126	.69	.183	7	45	1.58	143	.15	2	1.83	.01	.30	1	42
NS 22+00N 2+75E	1	44	5	125	.1	18	17	1964	3.94	6	5	ND	1	56	1	2	2	117	.73	.109	6	46	1.40	178	.15	2	1.56	.01	.25	1	27
NS 21+00N 0+25E	2	122	18	164	.4	23	23	1145	4.90	14	5	ND	1	74	1	2	2	147	.46	.112	8	56	1.88	51	.14	5	2.21	.01	.15	1	49
NS 20+00N 6+00W	1	84	3	57	.4	4	10	223	3.92	2	5	ND	1	40	1	2	2	94	.27	.150	7	15	.36	41	.08	2	2.37	.01	.04	2	4
NS 20+00N 5+50W	4	103	7	72	.3	9	12	297	4.30	7	5	ND	1	62	1	2	2	116	.37	.059	8	17	.56	74	.13	2	2.22	.01	.06	3	3
NS 20+00N 5+00W	5	60	8	65	.1	11	10	298	3.50	3	5	ND	1	96	1	2	2	104	.64	.049	9	25	.53	81	.17	2	1.67	.02	.07	5	2
NS 20+00N 4+50W	13	69	16	75	.2	6	12	273	5.08	5	5	ND	1	77	1	2	2	171	.37	.040	9	17	.47	81	.24	2	1.84	.01	.05	4	10
NS 20+00N 4+00W	7	322	52	124	.2	10	22	1009	3.83	4	9	ND	1	135	1	2	2	90	1.94	.137	32	15	1.02	95	.08	2	2.58	.02	.08	2	15
NS 20+00N 3+50W	2	70	2	72	.3	9	11	395	4.48	3	5	ND	1	58	1	2	2	105	.36	.107	9	21	.73	60	.14	2	2.69	.01	.08	1	10
NS 20+00N 3+00W	2	37	10	44	.2	7	6	236	3.23	7	5	ND	1	58	1	2	2	101	.33	.076	8	19	.40	48	.16	2	1.81	.01	.07	1	11
NS 20+00N 2+50W	2	60	10	84	.1	8	13	666	4.51	6	5	ND	1	98	1	2	2	134	.81	.076	8	25	1.00	149	.22	2	2.06	.02	.11	1	16
NS 20+00N 2+00W	3	76	14	89	.2	9	15	613	4.05	4	5	ND	1	106	1	2	2	138	.92	.055	8	23	1.21	134	.22	2	2.29	.02	.12	1	19
NS 20+00N 1+50W	5	85	9	112	.3	16	18	1071	4.32	5	5	ND	1	89	1	2	2	158	1.15	.103	10	33	1.53	128	.17	2	2.24	.02	.13	1	12
NS 20+00N 1+00W	4	96	8	104	1.2	15	17	941	3.57	3	7	ND	1	92	1	2	2	115	1.47	.149	9	30	1.30	134	.10	2	2.04	.02	.14	1	26
NS 20+00N 0+25W	4	83	4	75	.2	18	16	685	3.74	11	5	ND	1	105	1	2	2	104	1.16	.143	11	44	1.19	63	.16	2	1.89	.02	.11	1	42
NS 19+00N 6+00W	2	79	3	61	.4	8	12	224	3.83	2	5	ND	1	68	1	2	2	95	.32	.175	7	20	.48	73	.07	2	2.15	.01	.05	2	1
NS 19+00N 5+50W	2	76	9	63	.1	10	12	341	4.15	5	5	ND	1	76	1	2	2	103	.33	.162	8	20	.59	59	.13	2	2.22	.02	.05	1	6
NS 19+00N 5+00W	1	30	9	43	.2	5	6	184	2.34	4	5	ND	1	100	1	2	2	97	.45	.049	8	18	.20	78	.23	2	1.42	.02	.05	3	5
NS 19+00N 4+50W	10	143	33	99	.3	7	28	1119	5.74	6	5	ND	1	179	1	2	2	129	2.03	.131	10	25	1.68	86	.12	2	3.08	.01	.11	1	8
NS 19+00N 4+00W	15	200	15	149	.1	15	18	1631	3.93	2	5	ND	1	86	1	2	2	108	.78	.108	15	28	.99	111	.10	5	2.84	.02	.08	1	9
NS 19+00N 3+50W	5	62	13	89	.2	19	12	452	4.90	7	5	ND	3	56	1	2	2	114	.33	.099	11	38	.91	68	.19	3	2.43	.01	.08	1	7
NS 19+00N 3+00W	2	49	4	71	.5	4	12	578	5.73	7	5	ND	1	96	1	2	2	136	.49	.118	8	12	.85	53	.17	2	2.34	.01	.07	2	28
NS 19+00N 2+50W	1	36	7	68	.3	6	10	384	5.81	3	5	ND	1	89	1	2	2	153	.40	.112	5	16	.70	51	.20	2	2.32	.02	.07	1	13
NS 19+00N 2+00W	1	37	2	86	.1	15	14	851	5.61	7	5	ND	1	73	1	2	2	160	.55	.151	6	46	1.27	58	.14	2	2.39	.02	.11	1	13
NS 19+00N 1+50W	1	46	5	85	.4	16	11	409	3.97	11	5	ND	1	63	1	2	2	111	.42	.112	5	36	.95	57	.15	2	2.11	.01	.09	1	17
NS 19+00N 1+00W	5	41	5	114	.4	12	12	608	3.60	7	5	ND	1	82	1	3	2	111	.91	.075	8	31	1.13	107	.15	2	2.18	.02	.10	1	32
NS 19+00N 0+50W	1	45	14	64	.2	9	10	353	3.93	11	5	ND	1	66	1	2	2	123	.41	.057	7	39	.74	53	.19	2	2.37	.01	.07	1	18
NS 19+00N 0+50E	3	94	12	120	.2	21	17	561	3.87	5	5	ND	1	107	1	2	2	117	1.14	.072	10	42	1.11	93	.20	4	2.39	.02	.11	1	24
STD C/AU-0.5	22	63	40	142	7.0	73	32	1162	3.95	43	19	8	33	49	19	16	19	65	.48	.111	40	63	.88	181	.08	36	1.72	.07	.14	14	490

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
NS 19+00N 1+50E	1	60	11	61	.1	11	14	319	4.24	8	5	ND	1	65	1	2	2	114	.29	.057	6	51	.77	42	.12	2	1.53	.01	.05	1	50
NS 19+00N 2+00E	2	115	19	114	.3	26	22	945	5.37	16	5	ND	1	105	1	2	3	143	.58	.145	8	68	2.01	38	.11	4	2.40	.01	.09	3	85
NS 19+00N 2+50E	2	80	15	94	.2	23	18	772	4.60	8	5	ND	1	103	1	2	4	132	.35	.085	7	62	1.71	53	.12	2	2.20	.01	.08	3	80
NS 19+00N 3+00E	1	24	6	83	.1	10	12	415	4.47	2	5	ND	1	34	1	2	5	135	.30	.046	5	28	1.08	37	.16	2	1.41	.01	.06	1	7
NS 19+00N 3+50E	2	267	11	107	.1	27	27	1285	5.28	13	5	ND	1	140	1	2	3	128	.86	.186	11	66	1.89	51	.10	4	2.18	.01	.14	1	85
NS 19+00N 4+00E	2	68	14	97	.1	17	17	788	4.58	9	5	ND	1	99	1	2	7	114	.81	.173	6	55	1.46	78	.05	3	1.65	.01	.23	1	32
NS 19+00N 4+50E	2	90	15	115	.2	17	20	4538	3.64	5	5	ND	1	93	1	2	7	93	.46	.169	6	54	1.11	207	.02	2	1.68	.01	.11	1	46
NS 19+00N 5+00E	1	205	8	92	.2	26	24	874	5.21	11	5	ND	1	111	1	2	3	128	.58	.154	10	61	1.71	35	.10	4	2.28	.01	.10	1	54
NS 19+00N 5+50E	1	119	9	104	.5	20	19	747	3.88	11	5	ND	1	138	1	3	2	105	.61	.094	8	52	1.50	82	.08	2	2.02	.01	.15	1	110
NS 19+00N 6+00E	1	192	7	83	.1	24	22	922	4.30	11	5	ND	1	213	1	2	2	113	.81	.126	9	64	1.53	70	.06	5	2.30	.01	.11	1	75
NS 18+00N 6+00W	1	124	7	69	.1	11	20	745	5.05	6	5	ND	1	112	1	2	2	132	.59	.169	13	29	.84	128	.12	2	2.41	.01	.12	1	2
NS 18+00N 5+50W	1	60	14	62	.3	3	10	292	3.61	7	5	ND	1	58	1	3	2	91	.34	.111	9	15	.46	50	.05	2	2.64	.01	.04	3	1
NS 18+00N 5+00W	1	59	11	61	.1	6	8	261	3.36	5	5	ND	1	96	1	3	2	79	.41	.140	8	10	.36	78	.08	2	2.99	.01	.04	2	1
NS 18+00N 4+50W	1	49	14	57	.1	1	9	273	4.44	2	5	ND	1	87	1	2	3	90	.34	.223	7	9	.39	58	.09	3	2.27	.01	.04	1	4
NS 18+00N 3+50W	1	35	11	59	.2	1	3	1505	.75	2	5	ND	1	59	1	2	2	39	.41	.037	9	7	.12	181	.04	2	1.13	.01	.04	2	8
NS 18+00N 3+00W	1	43	17	77	.3	2	12	463	5.15	5	5	ND	1	70	1	3	2	122	.40	.172	8	7	.90	57	.14	2	2.23	.02	.08	3	16
NS 18+00N 2+50W	1	46	8	83	.1	8	14	532	5.79	6	5	ND	1	70	1	3	2	147	.35	.126	6	15	1.15	73	.19	2	2.13	.02	.10	2	9
NS 18+00N 2+00W	1	18	16	57	.1	7	8	246	3.20	7	5	ND	1	62	1	2	2	100	.32	.067	5	28	.63	58	.18	2	1.63	.01	.06	1	29
NS 18+00N 1+50W	2	53	7	107	.2	15	15	756	4.10	7	5	ND	1	83	1	2	2	136	.89	.046	10	28	1.33	208	.18	6	2.07	.02	.09	2	32
NS 18+00N 1+00W	6	117	12	86	.4	16	15	1033	3.56	11	10	ND	1	91	1	2	2	138	1.34	.113	11	29	1.24	199	.10	3	2.18	.02	.09	5	6
NS 18+00N 0+50W	13	203	3	69	.8	16	16	485	3.21	4	11	ND	1	78	1	2	2	94	1.00	.122	10	26	1.01	178	.07	2	2.08	.02	.08	2	10
NS 18+00N 0+50E	1	99	12	81	.5	22	15	849	3.39	11	5	ND	1	74	1	2	2	91	.72	.084	15	35	1.05	70	.12	2	2.13	.02	.09	2	21
NS 18+00N 1+00E	1	187	18	98	.4	19	23	987	4.23	15	5	ND	1	159	1	2	2	122	.90	.151	10	39	1.89	42	.09	3	2.40	.02	.08	2	110
NS 18+00N 1+50E	1	129	19	98	.4	15	21	956	4.21	12	5	ND	1	144	1	2	2	114	.63	.152	9	35	1.71	51	.08	3	2.24	.01	.09	1	105
NS 18+00N 3+00E	1	80	18	102	.5	16	18	960	4.48	15	5	ND	1	97	1	4	2	126	.56	.135	8	38	1.48	79	.11	4	1.86	.01	.11	5	33
NS 18+00N 4+00E	1	173	14	97	.1	16	22	1104	4.71	15	5	ND	1	135	1	3	2	122	.69	.147	11	43	1.65	37	.10	2	2.09	.01	.12	4	190
NS 18+00N 4+50E	1	217	16	85	.8	23	23	931	4.78	18	5	ND	1	180	1	2	2	115	.66	.147	11	46	1.49	58	.10	3	2.41	.02	.10	1	285
NS 18+00N 5+00E	1	444	15	143	.1	21	36	1342	5.16	8	5	ND	1	139	1	2	2	131	.67	.144	10	44	2.21	53	.09	2	2.88	.01	.13	2	440
NS 18+00N 5+50E	1	151	7	98	.1	19	19	1050	4.13	6	5	ND	1	141	1	2	2	108	.48	.122	8	52	1.83	82	.05	2	3.02	.02	.08	1	36
NS 18+00N 6+00E	2	245	12	125	.1	16	29	1896	4.62	9	5	ND	1	123	1	2	2	118	.50	.159	7	39	1.75	67	.03	2	2.50	.01	.11	2	120
NS 17+00N 6+00W	1	76	3	67	.1	7	9	477	3.13	4	5	ND	1	130	1	2	2	75	1.08	.166	9	12	.57	93	.06	2	3.84	.02	.08	1	2
NS 17+00N 5+50W	1	97	8	80	.1	3	13	359	4.19	6	5	ND	3	122	1	2	3	97	.96	.214	8	9	.63	96	.10	2	4.23	.02	.06	1	1
NS 17+00N 5+00W	2	21	15	64	.2	16	8	272	4.81	6	5	ND	1	23	1	2	4	77	.13	.103	14	45	.52	53	.08	2	1.90	.01	.06	2	1
NS 17+00N 4+50W	1	10	6	44	.1	9	4	122	1.95	2	5	ND	1	24	1	2	2	50	.14	.041	18	25	.33	47	.07	2	1.36	.01	.04	1	11
NS 17+00N 4+00W	2	78	6	60	.1	5	12	378	4.07	4	5	ND	1	164	1	2	2	94	.53	.110	8	11	.55	125	.06	2	2.35	.01	.06	1	1
NS 17+00N 3+00W	1	32	7	63	.4	7	9	385	5.32	6	5	ND	1	68	1	2	3	119	.27	.129	6	15	.63	44	.14	4	2.01	.01	.04	2	2
STD C/AU-0.5	19	61	40	136	7.0	71	31	1136	3.97	41	18	8	35	50	18	15	19	65	.48	.107	39	60	.88	184	.09	38	1.72	.07	.13	15	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
NS 17+00N 2+50W	1	35	13	71	.2	6	7	263	3.35	2	5	ND	1	42	1	2	2	83	.23	.073	9	19	.55	45	.09	2	2.40	.01	.04	1	9
NS 17+00N 2+00W	2	26	14	91	.3	11	15	487	6.25	10	5	ND	1	56	1	4	2	174	.33	.116	6	23	1.32	78	.21	2	2.26	.02	.10	1	16
NS 17+00N 1+50W	11	155	8	102	.4	14	21	1016	4.41	5	5	ND	1	109	1	2	2	152	1.03	.116	10	27	1.61	109	.11	2	2.77	.02	.08	3	34
NS 17+00N 1+00W	10	123	3	110	.5	17	20	1204	4.19	8	6	ND	1	88	1	2	2	133	.86	.124	8	30	1.55	126	.11	3	2.55	.02	.10	1	28
NS 17+00N 0+50W	9	124	6	111	.8	16	19	1047	4.27	8	5	ND	1	82	1	2	2	132	.77	.131	8	32	1.53	136	.10	2	2.51	.02	.10	1	38
NS 17+00N 0+75E	2	81	18	118	.2	18	21	988	4.83	11	5	ND	1	113	1	5	3	141	1.11	.158	5	38	1.73	48	.07	4	2.06	.02	.11	1	65
NS 17+00N 1+00E	3	128	9	115	.3	19	21	1446	4.54	10	5	ND	1	115	1	3	2	138	.75	.127	4	39	1.77	58	.04	2	2.33	.01	.09	1	55
NS 17+00N 2+00E	3	48	13	85	.3	13	20	2118	2.94	6	5	ND	1	137	1	2	4	91	.59	.104	3	29	1.28	83	.04	5	1.74	.01	.08	1	120
NS 17+00N 2+50E	3	34	12	59	.4	9	8	280	3.17	3	5	ND	1	64	1	2	2	119	.27	.062	3	35	.59	38	.10	2	1.35	.01	.06	1	31
NS 17+00N 3+00E	4	228	6	63	.5	12	17	553	3.01	12	20	ND	1	68	1	3	2	112	.89	.279	14	62	1.00	41	.02	4	2.12	.01	.05	3	55
NS 17+00N 4+00E	1	72	13	115	.3	23	21	787	5.25	12	5	ND	1	108	1	5	3	123	.59	.156	5	61	2.10	52	.07	2	2.44	.02	.09	2	54
NS 17+00N 4+50E	1	100	16	97	.4	21	19	670	4.90	11	5	ND	1	103	1	3	3	113	.60	.198	6	54	1.77	45	.07	2	2.21	.01	.11	1	60
NS 17+00N 5+00E	1	85	15	95	.3	19	18	1904	4.07	4	5	ND	1	88	1	2	2	103	.44	.111	4	50	1.66	88	.04	3	2.16	.01	.09	1	62
NS 17+00N 5+50E	1	119	10	105	.5	22	20	630	4.59	9	5	ND	1	92	1	4	2	106	.54	.190	7	53	1.77	80	.06	2	2.37	.01	.08	1	60
NS 17+00N 6+00E	1	159	18	140	.2	22	26	1450	5.07	7	5	ND	1	113	1	3	2	121	.93	.149	8	65	2.47	71	.08	2	2.69	.01	.14	1	140
NS 16+00N 6+00W	1	69	8	74	.6	5	10	724	3.43	2	5	ND	1	225	1	3	4	78	.33	.131	6	11	.56	141	.03	2	3.20	.01	.05	2	3
NS 16+00N 5+50W	1	45	3	56	.3	5	7	298	3.03	2	5	ND	1	154	1	2	2	69	.26	.133	5	12	.37	102	.03	2	1.93	.02	.04	1	14
NS 16+00N 5+00W	1	111	4	76	.3	3	14	530	5.14	2	5	ND	2	115	1	5	2	99	.56	.236	11	10	.80	48	.09	6	3.74	.01	.04	2	7
NS 16+00N 4+50W	1	21	8	40	.1	2	5	264	1.97	2	5	ND	1	64	1	2	2	66	.28	.035	7	6	.37	67	.15	2	1.17	.01	.05	2	7
NS 16+00N 4+00W	1	81	5	84	.2	11	13	776	4.68	8	5	ND	1	72	1	2	3	104	.20	.083	9	18	.69	91	.04	2	2.42	.01	.06	1	7
NS 16+00N 2+50W	11	367	14	108	.1	16	29	1361	4.78	10	25	ND	1	110	1	2	3	131	1.07	.182	21	26	1.28	136	.05	2	3.33	.02	.09	6	44
NS 16+00N 2+00W	17	236	15	98	.1	15	22	1402	4.63	8	11	ND	1	104	1	2	2	136	.72	.146	16	24	1.23	125	.05	2	3.13	.02	.07	7	42
NS 16+00N 1+50W	1	73	12	91	.4	15	16	565	4.71	5	5	ND	1	74	1	3	2	129	.43	.137	7	34	1.28	96	.13	2	2.62	.02	.10	1	32
NS 16+00N 1+00W	1	23	2	72	.6	10	9	392	3.74	4	5	ND	1	53	1	2	2	132	.27	.120	6	25	.84	48	.16	2	1.64	.01	.06	1	28
NS 16+00N 0+50W	2	90	13	108	.2	20	16	602	4.77	8	5	ND	1	62	1	4	4	103	.41	.112	9	36	1.31	83	.12	3	2.68	.01	.09	1	27
NS 16+00N 0+00W	9	155	14	108	.9	18	16	953	3.30	3	14	ND	1	91	1	2	2	88	1.27	.125	11	29	1.08	129	.07	3	2.02	.02	.13	1	31
NS 16+00N 0+50E	1	50	5	81	.4	16	12	408	3.82	8	5	ND	1	64	1	2	5	96	.47	.084	7	34	.96	50	.10	2	1.90	.01	.07	1	57
NS 16+00N 1+00E	3	168	7	87	1.3	15	17	1118	3.28	4	5	ND	1	80	1	2	2	96	1.11	.128	11	33	.97	77	.04	4	2.16	.01	.07	2	26
NS 16+00N 1+50E	3	86	4	101	1.0	12	13	1009	2.91	6	5	ND	1	77	1	2	2	93	1.32	.129	5	32	1.02	67	.05	2	1.74	.02	.06	1	50
NS 16+00N 2+00E	2	233	16	117	.4	17	21	2580	3.49	2	5	ND	1	82	1	2	2	107	1.19	.169	6	42	1.33	75	.03	2	2.56	.01	.07	1	20
NS 16+00N 2+50E	1	76	16	113	.1	18	20	793	4.91	9	5	ND	1	104	1	5	2	123	.45	.130	3	53	1.97	60	.04	2	2.37	.01	.09	1	105
NS 16+00N 3+00E	1	105	10	110	.2	18	21	807	5.00	9	5	ND	1	118	1	3	2	120	.52	.188	2	52	2.03	71	.04	2	2.65	.02	.08	3	65
NS 16+00N 3+50E	1	68	19	90	.4	14	18	824	4.35	10	5	ND	1	110	1	2	2	100	.39	.103	2	47	1.50	55	.03	2	2.07	.01	.08	3	60
NS 16+00N 4+00E	1	77	11	91	.5	11	15	926	3.38	4	5	ND	1	112	1	4	3	88	.37	.142	2	36	1.28	100	.01	2	1.97	.01	.10	1	60
NS 16+00N 4+75E	1	157	18	85	.2	18	23	720	4.77	4	5	ND	1	137	1	4	3	113	.60	.148	3	48	1.84	50	.06	3	2.40	.01	.09	1	82
NS 15+00N 1+00W	11	187	12	131	.3	14	27	2360	4.77	5	14	ND	1	127	1	4	2	113	.95	.142	8	23	1.48	138	.07	4	2.95	.02	.11	2	35
STD C/AU 0.5	22	60	38	138	7.1	70	31	1150	3.96	42	17	8	35	50	19	15	21	66	.48	.109	38	63	.88	185	.08	36	1.72	.07	.14	15	490

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
NS 15+00N 0+50W	14	149	20	133	.1	22	21	1145	4.65	3	6	ND	1	106	1	2	3	133	.75	.147	15	37	1.63	134	.16	6	3.07	.02	.12	2	51
NS 15+00N 0+25E	5	123	6	130	.5	16	18	946	4.14	4	5	ND	2	118	1	2	2	123	1.50	.143	10	34	1.62	107	.16	8	2.43	.02	.18	1	31
NS 15+00N 0+75E	1	66	14	85	.1	20	14	535	4.60	3	5	ND	1	107	1	2	2	124	.93	.107	11	42	1.32	53	.16	8	2.38	.02	.11	1	52
NS 15+00N 1+50E	1	34	6	66	.3	8	9	321	2.86	2	5	ND	1	105	1	2	2	108	.85	.044	5	29	.81	54	.18	8	1.87	.02	.07	1	24
NS 15+00N 2+00E	1	35	4	64	.1	8	7	222	3.19	5	5	ND	1	76	1	2	2	107	.50	.045	10	32	.50	71	.16	4	1.87	.01	.05	1	16
NS 15+00N 2+50E	1	48	3	84	.7	14	11	478	3.47	2	5	ND	1	105	1	2	2	109	.75	.073	7	40	.95	58	.16	4	2.21	.02	.09	1	30
NS 15+00N 3+00E	1	48	9	72	.7	12	9	313	3.26	2	5	ND	1	93	1	2	2	96	.54	.100	7	35	.76	75	.13	3	1.95	.02	.08	1	14
NS 15+00N 3+50E	1	107	15	103	.3	17	19	931	4.91	4	5	ND	1	152	1	2	2	129	.71	.192	11	48	1.78	94	.09	7	2.70	.02	.13	1	65
NS 15+00N 4+00E	1	113	17	91	.2	16	16	612	4.79	5	5	ND	1	159	1	2	2	116	.57	.108	11	46	1.44	71	.07	3	2.37	.02	.10	1	85
NS 15+00N 4+50E	1	191	16	102	.2	21	23	1212	4.54	7	5	ND	1	204	1	2	2	126	.81	.125	12	50	1.83	98	.14	2	2.93	.03	.13	1	70
NS 15+00N 5+50E	1	224	28	120	.2	21	26	1812	5.01	11	5	ND	2	213	1	2	2	141	.98	.175	14	50	2.23	111	.16	8	3.40	.02	.15	3	85
NS 14+00N 0+50W	1	42	10	74	.7	10	10	781	3.05	4	5	ND	1	113	1	2	2	109	.96	.070	8	24	.86	102	.18	2	1.74	.01	.09	2	29
NS 14+00N 0+00W	2	54	13	79	.2	13	12	552	3.58	2	5	ND	1	111	1	2	2	121	.82	.062	11	33	1.04	151	.21	5	2.22	.02	.13	1	15
NS 14+00N 0+50E	8	135	15	148	.8	12	21	1837	4.92	2	7	ND	1	208	1	2	2	172	1.39	.161	14	21	1.84	179	.16	3	3.15	.02	.19	1	65
NS 14+00N 1+00E	3	53	16	89	.7	15	11	455	3.48	2	5	ND	1	83	1	2	2	121	.47	.063	10	36	1.03	61	.18	4	2.23	.01	.09	1	52
NS 14+00N 1+50E	1	300	21	161	.3	21	29	1870	4.87	15	5	ND	1	121	1	2	2	148	1.22	.133	12	43	2.01	76	.17	3	3.01	.02	.15	1	49
NS 14+00N 2+00E	1	37	16	71	.3	7	8	743	2.92	2	5	ND	1	94	1	2	2	104	.60	.063	11	29	.58	85	.14	2	1.63	.01	.10	1	33
NS 14+00N 2+50E	1	92	8	94	.5	20	16	637	4.29	2	5	ND	1	100	1	2	2	113	.71	.111	12	43	1.32	78	.14	3	2.41	.02	.10	1	21
NS 14+00N 3+00E	1	143	13	89	.4	20	21	667	4.92	10	5	ND	1	125	1	2	5	119	.88	.205	10	50	1.51	44	.10	5	3.06	.02	.09	1	60
NS 14+00N 3+50E	1	56	6	97	.6	16	14	490	4.43	2	5	ND	1	117	1	2	2	131	.86	.110	9	50	1.20	63	.15	7	2.32	.02	.10	1	25
NS 14+00N 4+00E	1	77	7	106	.3	19	15	603	4.58	2	5	ND	1	123	1	2	4	126	.75	.166	8	51	1.28	60	.13	8	2.62	.02	.14	1	32
NS 14+00N 4+50E	1	78	21	94	.1	17	16	750	4.92	5	5	ND	1	183	1	2	5	138	.82	.086	9	51	1.37	100	.14	6	2.31	.03	.10	1	35
NS 14+00N 5+00E	1	75	15	76	.1	16	15	544	4.32	2	5	ND	1	212	1	2	2	126	.79	.078	8	45	1.28	97	.15	6	2.24	.03	.12	1	29
NS 12+00N 0+75E	1	247	10	167	.1	20	32	1645	6.20	3	5	ND	2	160	1	3	12	187	.96	.168	12	50	2.47	188	.23	2	3.19	.02	.30	2	70
NS 7+00N 0+00W	1	343	21	201	.1	18	37	3804	5.95	8	5	ND	1	62	1	2	4	161	.66	.101	11	23	2.26	1363	.25	7	2.95	.02	.55	1	43
NS 7+00N 1+50E	2	373	2	143	.9	20	24	973	3.93	3	13	ND	1	107	1	2	2	93	1.43	.110	18	59	1.35	86	.09	6	2.55	.02	.11	1	50
NS 7+00N 2+00E	2	272	15	183	.4	24	26	1731	5.17	4	5	ND	1	116	1	2	7	144	1.73	.129	12	43	1.94	70	.14	6	2.99	.02	.12	1	46
NS 7+00N 2+50E	1	56	12	76	.3	14	10	526	3.99	8	5	ND	1	95	1	2	2	130	.73	.083	6	37	.87	57	.13	3	2.21	.01	.08	1	31
NS 7+00N 3+75E	1	120	13	147	.2	15	22	1655	5.33	14	5	ND	1	130	1	2	2	146	1.00	.161	6	31	1.78	56	.14	7	2.73	.02	.13	1	90
NS 7+00N 4+50E	7	348	7	148	1.0	17	23	2654	3.68	5	7	ND	1	92	1	2	2	109	2.69	.151	9	31	.97	91	.08	5	2.06	.02	.07	1	12
NS 7+00N 5+00E	1	135	5	41	4.0	6	6	115	1.28	2	5	ND	1	39	1	2	2	23	.34	.567	5	14	.18	46	.01	2	2.62	.01	.03	1	9
NS 7+00N 6+00E	1	46	9	65	.4	10	10	328	2.54	2	5	ND	1	89	1	2	2	87	.58	.130	4	29	.74	79	.08	3	1.94	.02	.09	1	6
STD C/AU-0.5	18	60	43	131	7.1	67	29	1091	3.92	41	18	8	36	49	16	15	19	63	.48	.104	38	58	.88	183	.08	35	1.72	.07	.14	15	510

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 3-1-2 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: SOILS -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 15 1986 DATE REPORT MAILED: Aug 18/86 ASSAYER D. Toye ...DEAN TOYE. CERTIFIED B.C. ASSAYER.

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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
NS 25+00N 3+25W	8	204	7	84	.7	12	13	758	4.43	5	5	ND	1	84	1	2	2	135	.73	.098	14	19	.97	165	.11	2	2.38	.05	.13	1	13
NS 25+00N 1+75W	1	47	6	63	.3	12	9	364	4.09	7	5	ND	2	57	1	2	2	124	.36	.127	4	32	.81	51	.15	2	2.03	.04	.06	1	25
NS 25+00N 1+25W	1	155	17	135	.4	16	20	1335	5.66	4	5	ND	1	58	1	2	2	133	.99	.184	9	31	1.59	219	.11	4	1.89	.05	.34	3	49
NS 25+00N 0+75W	1	186	24	161	.3	18	22	1726	5.93	10	5	ND	1	65	1	2	2	143	1.16	.191	6	31	1.84	293	.12	2	2.17	.06	.39	2	59
NS 25+00N 0+25W	1	153	15	153	.1	16	20	1493	5.57	2	5	ND	1	46	1	2	3	134	.89	.213	7	29	1.67	249	.12	3	1.91	.05	.49	3	41
NS 24+00N 3+25W	4	164	8	92	.4	10	12	921	3.71	2	5	ND	1	137	1	3	2	101	1.59	.134	11	15	1.01	224	.10	3	2.04	.06	.16	1	12
NS 24+00N 2+75W	5	151	12	104	.2	14	15	946	4.29	2	5	ND	2	120	1	2	2	138	1.14	.145	9	22	1.45	147	.17	2	2.35	.06	.20	1	22
NS 24+00N 2+25W	1	40	10	87	.4	12	12	810	4.81	4	5	ND	1	53	1	2	2	164	.38	.090	2	26	1.10	40	.16	3	1.99	.04	.07	1	9
NS 24+00N 1+75W	3	191	11	124	.7	23	18	1443	5.12	5	5	ND	1	93	1	2	2	160	1.19	.164	8	38	1.56	170	.12	3	2.97	.07	.18	1	13
NS 24+00N 1+25W	1	44	6	89	.4	13	12	622	3.75	6	5	ND	1	73	1	2	2	142	.86	.093	2	27	1.21	54	.14	3	1.83	.05	.08	1	17
NS 24+00N 0+75W	1	22	7	98	.1	10	19	694	5.47	2	5	ND	1	56	1	2	2	240	1.11	.185	4	8	1.64	78	.29	2	1.72	.06	.32	1	1
NS 24+00N 0+25W	1	49	10	118	.3	15	16	814	5.20	2	5	ND	1	47	1	2	2	175	.36	.089	3	34	1.77	53	.16	3	2.19	.05	.09	1	20
NS 24+00N 0+25E	1	106	12	118	.7	17	18	742	5.65	5	5	ND	2	54	1	2	2	175	.50	.231	4	37	2.07	57	.19	2	2.51	.05	.13	1	16
NS 24+00N 0+75E	1	57	9	109	.1	16	16	691	4.67	7	5	ND	1	49	1	2	2	153	.46	.151	3	37	1.79	81	.15	2	2.22	.05	.15	3	70
NS 24+00N 1+25E	1	79	11	110	.1	19	18	896	5.23	2	5	ND	1	59	1	2	2	158	.66	.182	6	45	2.04	131	.16	3	2.25	.05	.19	2	23
NS 24+00N 1+75E	1	77	13	117	.1	20	17	805	5.24	7	5	ND	1	49	1	2	2	159	.45	.148	5	44	1.93	105	.17	3	2.41	.05	.12	2	17
NS 24+00N 2+25E	1	64	11	111	.1	16	16	708	5.07	4	5	ND	1	70	1	2	2	164	.51	.175	4	29	1.74	150	.20	4	2.28	.05	.16	2	22
NS 24+00N 2+75E	1	142	9	113	.1	21	19	1268	5.01	6	5	ND	2	43	1	2	2	150	.48	.163	6	52	2.01	100	.14	3	2.39	.05	.24	1	95
NS 23+00N 4+25W	8	54	13	104	.3	11	8	385	4.06	2	5	ND	2	60	1	2	3	135	.53	.039	9	22	.63	93	.19	3	1.44	.04	.07	2	3
NS 23+00N 3+75W	4	46	10	84	.1	7	9	437	4.78	2	5	ND	2	84	1	2	2	145	.47	.061	8	9	.77	97	.18	5	1.89	.04	.07	2	20
NS 23+00N 3+25W	7	153	11	119	.3	12	15	1183	4.64	3	5	ND	1	145	1	2	2	128	1.44	.131	11	16	1.17	191	.12	5	2.35	.06	.12	1	10
NS 23+00N 2+75W	2	77	9	80	.3	11	10	524	3.12	2	5	ND	1	114	1	2	2	120	.89	.066	7	22	1.04	131	.18	3	1.95	.05	.10	1	14
NS 23+00N 2+25W	6	166	9	117	.3	15	16	1012	4.75	2	5	ND	2	113	1	2	2	146	1.15	.158	12	26	1.40	149	.15	4	2.26	.06	.20	8	14
NS 23+00N 0+25W	1	159	11	111	.1	22	18	908	5.08	6	5	ND	1	77	1	2	2	157	1.07	.179	7	54	2.01	116	.15	4	2.22	.06	.23	1	24
NS 23+00N 0+25E	1	114	10	114	.3	21	17	648	5.64	7	5	ND	1	52	1	52	4	176	.50	.201	7	56	1.94	60	.17	8	2.54	.05	.11	1	12
NS 23+00N 0+75E	1	72	9	106	.1	19	17	615	5.32	6	5	ND	1	50	1	2	2	168	.50	.190	4	51	1.86	63	.17	6	2.19	.05	.10	3	10
NS 23+00N 1+25E	1	75	12	122	.1	20	17	820	5.42	4	5	ND	1	49	1	2	2	162	.57	.127	4	54	1.88	117	.19	3	2.03	.05	.15	2	30
NS 23+00N 1+75E	1	107	11	116	.1	19	17	671	5.10	3	5	ND	1	44	1	2	2	152	.45	.137	6	49	1.78	72	.14	3	2.33	.05	.12	1	105
NS 23+00N 2+25E	1	148	8	134	.2	22	19	858	5.33	6	5	ND	2	42	1	2	2	157	.50	.180	6	56	2.02	69	.17	4	2.58	.05	.20	1	55
NS 23+00N 2+75E	1	78	8	151	.1	18	17	1145	4.75	4	5	ND	1	46	1	2	2	140	.53	.219	5	40	1.72	155	.12	4	2.31	.05	.15	4	21
NS 23+00N 3+25E	1	116	12	135	.1	19	19	1488	5.27	3	5	ND	1	45	1	4	2	162	.51	.136	7	53	1.86	103	.18	5	2.26	.05	.30	1	18
NS 20+00N 3+75W	3	47	16	73	.1	5	9	504	5.66	2	5	ND	1	81	1	2	2	189	.41	.084	6	9	.76	74	.19	6	1.84	.04	.09	1	9
NS 20+00N 3+25W	2	65	11	97	.1	8	11	544	7.51	2	5	ND	4	73	1	2	2	180	.44	.368	10	15	1.07	68	.14	4	3.07	.05	.09	1	21
NS 20+00N 2+75W	8	291	10	111	.4	16	16	1041	5.03	2	5	ND	2	101	1	2	2	165	.94	.079	11	22	1.39	171	.18	5	3.10	.06	.11	2	11
NS 20+00N 2+25W	1	50	9	88	.1	12	11	464	4.35	3	5	ND	1	66	1	2	2	139	.46	.114	7	26	1.04	70	.18	7	2.23	.04	.10	1	18
NS 20+00N 1+75W	1	65	13	93	.1	15	10	432	4.24	2	5	ND	1	81	1	5	2	132	.58	.064	10	32	1.00	103	.17	6	2.28	.04	.10	1	18
NS 20+00N 1+25W	1	25	10	80	.1	9	10	412	4.58	2	5	ND	1	65	1	2	2	167	.43	.054	7	28	.89	69	.24	4	1.80	.04	.11	1	14
STD C/AU-0.5	22	63	40	137	7.3	74	30	1177	3.96	40	17	8	38	51	19	16	20	72	.48	.112	41	60	.88	191	.09	38	1.72	.10	.14	12	485

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
NS 19+00N 2+75W	1	24	10	49	.4	7	5	222	3.26	4	7	ND	1	43	1	2	2	105	.21	.079	3	16	.44	43	.12	4	1.74	.03	.05	3	9
NS 19+00N 2+25W	1	28	10	53	1.2	7	6	261	3.27	2	5	ND	2	59	1	4	2	115	.27	.086	2	14	.62	61	.18	4	2.00	.03	.06	2	14
NS 19+00N 1+75W	1	42	11	93	.3	13	11	470	5.02	2	6	ND	1	51	1	2	2	148	.37	.154	2	25	1.16	53	.16	5	2.35	.04	.09	1	6
NS 19+00N 1+25W	4	58	12	117	.5	18	15	792	4.39	2	5	ND	3	71	1	2	2	151	.90	.085	2	30	1.49	139	.18	6	2.15	.06	.08	1	23
NS 19+00N 0+75W	2	78	14	98	.4	20	11	528	4.67	2	5	ND	2	61	1	2	2	128	.39	.080	3	35	1.12	84	.16	7	2.34	.04	.09	1	26
NS 19+00N 0+25W	1	154	10	87	.3	16	15	726	3.95	5	5	ND	1	71	1	2	2	128	.65	.149	4	35	1.39	70	.17	5	2.29	.05	.14	1	29
NS 19+00N 0+25E	1	124	7	122	.6	15	13	591	3.30	4	5	ND	2	95	1	2	2	112	1.21	.183	3	28	1.28	83	.10	5	2.09	.06	.09	1	25
NS 19+00N 1+25E	1	60	8	80	.3	13	11	368	4.08	2	6	ND	1	68	1	3	2	126	.34	.068	2	47	.92	50	.13	6	1.67	.04	.08	1	27
NS 19+00N 1+75E	1	92	15	113	.2	26	17	876	4.92	8	5	ND	1	121	1	2	2	145	.52	.146	2	74	1.99	68	.07	8	2.35	.05	.10	1	65
NS 19+00N 2+25E	1	116	15	132	.1	25	20	954	5.42	7	7	ND	1	104	1	2	4	170	.63	.167	2	70	2.18	73	.08	5	2.48	.05	.11	1	75
NS 19+00N 2+75E	1	204	17	122	.3	30	20	1211	5.03	8	5	ND	1	125	1	5	2	150	.55	.166	2	77	2.18	60	.09	6	2.80	.05	.11	3	85
NS 19+00N 3+25E	1	299	16	116	.4	28	20	1394	5.12	6	5	ND	2	147	1	2	2	142	.88	.189	4	69	2.07	59	.10	5	2.41	.06	.14	1	105
NS 19+00N 3+75E	1	297	11	110	.3	26	19	1325	5.09	10	6	ND	2	142	1	4	2	139	.88	.194	3	63	1.99	56	.10	7	2.27	.06	.14	1	95
NS 19+00N 4+25E	1	102	11	127	.2	21	16	1120	5.01	2	5	ND	1	101	1	2	2	141	.43	.170	3	54	1.63	88	.05	6	2.26	.04	.10	2	60
NS 19+00N 4+75E	1	126	13	128	.4	24	19	2528	5.13	6	5	ND	2	90	1	2	2	148	.57	.176	3	56	1.66	121	.09	6	2.30	.05	.15	1	53
NS 19+00N 5+25E	2	208	15	124	.4	27	19	3009	4.43	4	5	ND	1	169	1	2	2	122	1.09	.168	4	66	1.84	108	.06	7	2.59	.06	.18	1	165
NS 19+00N 5+75E	1	244	13	101	.4	33	20	1545	4.85	5	5	ND	2	246	1	2	2	132	1.08	.171	8	78	1.91	91	.09	6	2.57	.06	.13	1	110
NS 18+00N 2+75W	1	38	10	57	.1	7	7	363	4.13	2	5	ND	1	60	1	2	2	133	.29	.097	3	19	.63	50	.17	6	1.82	.03	.07	2	18
NS 18+00N 2+25W	1	33	15	68	.2	9	8	312	4.80	2	5	ND	1	50	1	3	2	135	.27	.100	4	21	.74	53	.15	9	2.29	.03	.06	1	15
NS 18+00N 1+25W	5	48	10	126	.2	16	14	695	4.03	2	5	ND	3	71	1	2	2	143	.83	.047	6	29	1.33	193	.17	6	2.19	.05	.08	1	13
NS 18+00N 0+75W	4	118	10	103	.5	15	13	893	3.93	2	9	ND	2	93	1	2	2	143	1.35	.137	6	28	1.35	172	.10	6	2.04	.06	.11	1	27
NS 18+00N 0+75E	1	125	9	92	.4	18	14	739	4.08	5	5	ND	1	92	1	2	2	125	1.01	.141	4	37	1.50	53	.10	5	2.28	.06	.07	1	51
NS 18+00N 1+25E	2	132	19	137	.3	19	19	1020	4.45	2	5	ND	1	155	1	2	2	146	1.01	.199	2	41	2.04	52	.06	6	2.52	.06	.10	2	95
NS 18+00N 2+25E	1	111	18	110	.4	18	17	859	5.52	15	6	ND	1	123	1	2	2	165	.58	.152	2	43	1.85	51	.09	8	2.40	.05	.10	1	55
NS 18+00N 4+25E	1	217	18	108	.7	21	20	1088	5.65	10	6	ND	2	150	1	4	2	155	.60	.169	6	44	1.80	46	.10	6	2.70	.05	.11	1	265
NS 18+00N 4+75E	1	366	19	138	.4	21	23	1772	5.09	7	5	ND	2	147	1	2	2	147	.60	.151	6	41	2.19	69	.07	6	2.88	.06	.09	1	115
NS 18+00N 5+75E	1	197	16	111	.3	22	17	978	4.46	2	5	ND	1	147	1	2	2	127	.55	.136	5	51	1.97	77	.05	4	2.92	.05	.08	1	75
NS 17+00N 2+75W	2	69	13	84	.2	9	10	483	5.71	3	5	ND	2	73	1	2	2	139	.32	.178	2	17	.99	61	.15	6	2.68	.04	.08	1	130
NS 17+00N 2+25W	1	58	13	94	.2	9	12	495	4.88	3	5	ND	1	73	1	4	2	127	.38	.135	2	19	1.16	82	.15	6	3.30	.04	.10	1	30
NS 17+00N 1+75W	6	125	13	83	.7	15	12	468	4.51	2	6	ND	2	94	1	2	2	145	.86	.051	7	27	1.01	156	.19	4	2.37	.05	.12	1	16
NS 17+00N 1+25W	8	109	15	103	.2	22	14	694	4.31	2	5	ND	3	83	1	2	2	127	.77	.095	8	34	1.53	102	.17	5	2.38	.05	.09	1	29
NS 17+00N 0+75W	10	135	11	113	.4	20	16	1000	4.81	3	5	ND	2	85	1	4	2	161	.70	.089	9	36	1.56	110	.14	6	2.98	.05	.09	2	27
NS 17+00N 1+75E	1	84	16	108	.3	17	15	581	3.74	7	5	ND	1	138	1	5	2	122	.56	.156	2	34	1.72	80	.07	5	2.26	.04	.09	2	495
NS 17+00N 2+25E	1	46	7	70	.4	12	9	337	3.57	3	5	ND	1	74	1	2	2	126	.34	.074	2	37	.83	43	.11	5	1.69	.03	.07	1	36
NS 17+00N 2+75E	5	199	8	81	.4	17	16	962	4.49	6	5	ND	1	55	1	2	2	143	.51	.076	2	45	1.01	49	.09	5	1.76	.04	.07	1	20
NS 17+00N 3+25E	1	96	9	88	.7	19	13	451	4.90	8	5	ND	1	151	1	2	2	127	.39	.142	4	47	1.30	80	.05	5	2.41	.04	.07	2	105
STD C/AU 0.5	19	63	41	141	7.0	72	29	1143	3.96	42	17	7	38	51	18	15	18	71	.48	.106	38	62	.88	191	.09	37	1.73	.10	.14	12	485

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
NS 17+00N 3+75E	1	128	18	116	.4	24	20	1019	4.89	7	5	ND	1	101	1	2	2	129	.53	.163	8	60	2.30	66	.07	6	2.66	.05	.11	1	50
NS 17+00N 4+25E	1	109	16	106	.1	19	17	1551	3.98	2	5	ND	1	94	1	2	2	114	.40	.151	7	51	1.80	103	.06	6	2.45	.04	.11	1	35
NS 17+00N 4+75E	1	111	17	128	.1	23	22	1198	5.19	6	5	ND	1	94	1	3	4	137	.53	.138	7	63	2.47	58	.07	6	2.70	.05	.10	1	45
NS 17+00N 5+25E	1	72	13	92	.1	16	14	573	4.31	4	5	ND	1	89	1	2	2	111	.33	.110	4	50	1.55	83	.03	5	2.10	.04	.08	1	54
NS 17+00N 5+75E	1	160	21	136	.3	23	21	1453	5.13	8	5	ND	2	122	1	7	3	133	.95	.165	9	68	2.53	68	.08	7	2.60	.06	.17	1	55
NS 16+00N 2+25W	4	67	15	99	.2	15	13	578	4.29	5	5	ND	1	82	1	2	2	120	.48	.104	7	26	1.27	110	.13	6	2.14	.04	.09	1	36
NS 16+00N 1+75W	12	56	11	96	.2	18	13	759	4.23	2	5	ND	2	71	1	2	2	135	.56	.057	8	36	1.34	89	.17	6	2.40	.05	.09	2	19
NS 16+00N 1+25W	1	33	11	94	.7	15	12	480	4.44	3	5	ND	1	57	1	4	2	150	.40	.153	6	30	1.18	59	.18	6	2.00	.04	.11	1	16
NS 16+00N 0+75W	1	22	12	94	.2	15	14	631	5.15	2	5	ND	1	50	1	2	2	164	.45	.233	5	32	1.48	52	.16	4	2.28	.05	.12	1	13
NS 16+00N 1+25E	2	64	14	92	.4	18	11	506	3.34	2	5	ND	1	86	1	2	2	105	.95	.099	7	36	1.10	81	.08	6	2.04	.05	.07	1	32
NS 16+00N 1+75E	4	139	13	104	.9	15	15	1399	3.37	4	5	ND	1	80	1	2	2	122	1.25	.113	7	32	1.06	67	.05	7	2.30	.05	.07	1	60
NS 16+00N 2+25E	1	82	11	102	.2	17	16	766	4.34	4	5	ND	1	109	1	2	3	119	.51	.130	6	50	1.76	65	.04	7	2.29	.04	.07	1	55
NS 16+00N 2+75E	1	81	11	114	.4	19	18	693	4.84	5	5	ND	1	118	1	2	4	129	.63	.236	4	53	2.10	68	.06	5	2.55	.05	.09	1	55
NS 16+00N 3+25E	1	81	12	89	.4	16	13	560	4.22	4	5	ND	1	83	1	2	2	121	.35	.158	4	51	1.28	81	.06	6	2.02	.04	.07	1	50
NS 16+00N 4+25E	1	180	12	101	.4	21	20	960	4.49	2	5	ND	1	157	1	2	4	129	.57	.126	4	50	2.12	66	.07	5	2.83	.05	.08	1	55
NS 15+00N 0+75W	12	121	12	107	.8	20	15	980	4.20	4	5	ND	1	92	1	2	2	132	.89	.135	9	38	1.55	110	.11	6	2.37	.05	.10	1	33
NS 15+00N 0+25W	13	126	16	118	.3	18	16	1059	4.36	5	5	ND	1	105	1	2	2	134	.92	.132	10	30	1.55	110	.11	7	2.63	.05	.09	1	31
NS 15+00N 1+25E	2	75	10	81	.5	19	11	471	3.14	2	5	ND	1	85	1	2	2	100	.85	.104	7	31	1.17	59	.10	6	2.03	.05	.07	1	25
NS 15+00N 1+75E	1	28	8	51	.4	7	4	181	1.94	2	5	ND	1	58	1	2	2	65	.34	.051	4	23	.37	61	.06	4	1.22	.03	.05	1	17
NS 15+00N 2+25E	1	44	8	99	.3	16	12	526	3.05	2	5	ND	1	76	1	2	2	105	.76	.107	5	37	1.25	56	.10	5	1.83	.05	.07	1	65
NS 15+00N 2+75E	2	67	13	115	.6	15	15	2235	3.60	2	5	ND	1	70	1	2	2	116	.66	.097	4	38	1.17	67	.06	5	2.14	.04	.07	1	19
NS 15+00N 3+25E	1	81	10	100	.5	15	13	902	3.52	2	5	ND	1	114	1	2	2	105	.59	.122	6	38	1.33	76	.06	5	2.07	.04	.08	1	47
NS 15+00N 3+75E	1	90	12	112	.2	18	15	762	4.40	3	5	ND	1	148	1	3	3	121	.53	.149	5	43	1.60	89	.06	10	2.17	.05	.08	1	85
NS 15+00N 4+25E	1	105	9	87	.3	19	14	745	3.59	5	5	ND	1	74	1	2	3	115	.47	.114	6	42	1.44	52	.08	4	2.37	.04	.07	1	30
NS 15+00N 4+75E	1	208	15	100	.2	20	18	1227	4.21	2	5	ND	1	187	1	2	3	121	.65	.136	6	45	1.82	89	.07	6	2.67	.05	.10	1	55
NS 14+00N 0+25W	1	32	5	77	.5	10	8	424	3.29	2	5	ND	1	63	1	2	2	115	.40	.090	6	24	.85	57	.15	5	1.71	.04	.07	1	16
NS 14+00N 0+25E	4	74	12	112	.3	14	14	864	3.86	4	5	ND	1	135	1	2	2	123	1.04	.088	6	23	1.29	156	.12	6	2.09	.05	.13	1	47
NS 14+00N 0+75E	6	55	10	91	.2	15	9	462	2.97	4	5	ND	1	78	1	2	2	101	.56	.079	6	28	1.00	91	.10	5	1.77	.04	.07	1	35
NS 14+00N 1+25E	3	231	9	90	.7	15	14	698	3.59	5	5	ND	1	78	1	2	2	117	.90	.135	7	35	1.22	66	.10	5	2.28	.05	.11	1	42
NS 14+00N 2+25E	1	172	10	135	.5	24	14	726	4.29	4	5	ND	1	77	1	2	2	116	.66	.113	6	41	1.23	79	.08	5	2.18	.05	.09	1	44
NS 14+00N 2+75E	2	70	11	113	.5	14	12	1331	3.34	2	5	ND	1	104	1	2	2	107	.54	.102	4	32	1.18	75	.05	4	2.13	.05	.05	1	32
NS 14+00N 3+25E	1	49	8	130	.5	13	12	1167	3.28	2	5	ND	1	81	1	2	2	111	.53	.077	5	33	1.03	74	.08	5	1.71	.04	.09	1	25
NS 14+00N 3+75E	1	55	13	106	.4	13	10	430	3.40	4	5	ND	1	95	1	2	2	116	.38	.082	4	31	.93	76	.09	5	1.99	.04	.06	1	23
NS 14+00N 4+25E	1	115	17	109	.2	18	17	1052	4.23	2	5	ND	1	142	1	2	3	121	.54	.153	5	39	1.56	79	.05	6	2.44	.05	.10	1	24
NS 14+00N 4+75E	1	80	14	87	.1	16	13	448	4.08	4	5	ND	1	182	1	2	2	115	.53	.102	3	38	1.30	84	.10	11	2.04	.05	.08	1	56
STD C/AU 0.5	22	62	42	144	7.0	74	31	1173	3.97	39	17	8	38	51	19	17	21	72	.48	.112	40	64	.88	190	.09	38	1.73	.09	.15	12	490

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 3-1-2 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: SOILS -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.
PI-Rocks

DATE RECEIVED: JULY 18 1986 DATE REPORT MAILED: July 23/86 ASSAYER. D.Toye. .DEAN TOYE. CERTIFIED B.C. ASSAYER.

IMPERIAL METALS PROJECT - 6102 FILE # 86-1543 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
NS 25+00N 0+00E	1	51	6	71	.3	12	12	312	3.72	7	5	ND	1	50	1	2	2	104	.38	.165	2	42	.87	40	.14	4	2.24	.01	.06	1	12
NS 25+00N 0+50E	1	56	3	101	.1	11	15	627	3.77	5	5	ND	1	39	1	2	2	102	.42	.118	2	23	1.20	118	.15	2	1.66	.01	.14	1	14
NS 25+00N 1+00E	1	110	7	103	.1	15	23	652	5.55	6	5	ND	1	49	1	3	5	143	.45	.127	2	29	1.60	100	.24	2	2.39	.01	.17	1	11
NS 25+00N 1+50E	1	67	8	102	.1	13	20	781	5.29	4	6	ND	1	49	1	3	2	141	.41	.116	2	24	1.46	132	.27	3	2.32	.01	.21	3	6
NS 25+00N 2+00E	1	97	11	104	.1	12	21	629	5.38	6	5	ND	1	49	1	3	4	133	.42	.155	2	24	1.31	108	.20	5	2.12	.01	.16	8	10
NS 25+00N 2+50E	2	161	8	109	.1	16	25	893	5.37	7	7	ND	2	54	1	2	2	142	.49	.204	3	33	1.69	88	.24	2	2.50	.01	.20	2	14
NS 25+00N 3+00E	1	40	2	126	.1	12	18	790	5.12	7	6	ND	1	40	1	2	2	161	.40	.083	2	29	1.82	133	.34	2	2.27	.02	.46	1	1
NS 25+00N 3+50E	1	82	8	97	.1	14	20	671	4.85	10	5	ND	1	40	1	4	2	141	.37	.094	2	25	1.72	97	.25	2	2.19	.01	.27	2	8
NS 25+00N 4+00E	1	57	5	104	.1	23	18	801	4.60	6	5	ND	1	41	1	2	4	129	.33	.095	2	71	1.64	67	.12	2	2.27	.01	.14	3	5
NS 22+00N 6+00W	1	24	8	45	.1	10	6	178	3.11	3	5	ND	1	21	1	2	2	87	.15	.073	3	19	.27	34	.07	6	1.19	.01	.03	3	1
NS 22+00N 5+50W	1	62	7	65	.2	10	12	291	3.67	2	5	ND	1	47	1	2	2	87	.37	.125	13	17	.40	65	.06	6	1.88	.01	.06	1	2
NS 22+00N 5+00W	9	115	9	66	.1	12	14	589	3.20	3	8	ND	1	98	1	2	4	110	.96	.134	10	23	.83	100	.11	2	1.62	.02	.13	8	10
NS 22+00N 4+50W	10	101	7	114	.1	9	21	826	5.99	2	10	ND	1	102	1	4	3	147	1.07	.146	3	19	1.60	126	.19	2	2.49	.02	.09	3	3
NS 22+00N 4+00W	16	216	7	78	.3	11	27	2410	4.96	2	5	ND	1	121	1	2	2	99	1.79	.148	14	13	.76	141	.09	3	1.52	.01	.11	4	2
NS 22+00N 3+00W	2	15	3	40	.1	6	6	181	3.03	2	5	ND	1	40	1	2	3	100	.22	.070	3	14	.35	36	.18	2	1.12	.01	.04	1	24
NS 22+00N 2+50W	5	138	6	87	.1	11	17	540	3.49	2	5	ND	1	88	1	2	3	95	.65	.113	9	16	1.00	137	.13	9	2.04	.02	.09	1	13
NS 22+00N 2+00W	3	66	7	80	.4	14	12	512	3.00	2	10	ND	1	67	1	2	2	76	.73	.124	4	25	.98	87	.09	7	1.83	.02	.08	1	21
NS 22+00N 1+50W	4	89	6	97	.4	16	17	1020	3.79	9	5	ND	1	76	1	3	2	110	1.02	.162	2	29	1.25	103	.12	4	1.88	.02	.12	1	17
NS 22+00N 1+00W	3	89	2	108	.7	13	15	1178	3.25	7	5	ND	1	94	1	2	4	100	1.49	.114	2	27	1.11	57	.10	2	1.46	.01	.08	1	22
NS 22+00N 0+50W	1	110	7	104	.2	18	16	831	3.30	6	6	ND	1	78	1	2	2	120	1.09	.123	2	37	1.30	86	.12	2	1.85	.02	.11	1	70
NS 22+00N 0+00E	1	120	2	105	.1	22	16	785	3.65	6	5	ND	1	56	1	2	2	113	.75	.100	2	41	1.39	66	.17	3	1.99	.01	.17	2	8
NS 22+00N 0+50E	1	30	7	81	.3	15	11	467	3.58	7	6	ND	1	35	1	2	2	111	.36	.156	2	40	1.10	35	.18	2	1.43	.01	.08	2	18
NS 22+00N 1+50E	1	51	5	109	.1	19	17	604	4.84	8	7	ND	1	37	1	3	2	137	.58	.149	2	51	1.52	107	.18	2	1.59	.01	.19	1	10
NS 22+00N 3+50E	1	71	5	103	.1	20	18	832	4.49	6	5	ND	1	43	1	2	3	128	.39	.138	2	51	1.38	73	.18	2	1.68	.01	.12	1	27
NS 22+00N 4+00E	1	167	16	142	.1	24	24	1100	4.82	12	5	ND	1	49	1	2	2	140	.53	.140	2	59	1.84	80	.21	7	2.12	.01	.22	2	80
NS 21+00N 6+00W	1	31	2	49	.1	13	6	183	2.11	2	5	ND	1	28	1	2	2	54	.17	.046	5	18	.33	56	.05	2	1.25	.01	.03	1	3
NS 21+00N 5+50W	1	140	4	68	.1	9	18	544	4.38	4	5	ND	2	75	1	2	2	134	.71	.133	3	19	1.20	100	.25	3	2.19	.01	.24	12	4
NS 21+00N 5+00W	4	114	7	95	.1	12	16	585	4.51	2	6	ND	1	70	1	3	5	120	.70	.130	10	17	1.09	76	.15	4	2.08	.01	.08	14	2
NS 21+00N 4+50W	9	94	9	82	.1	11	12	472	3.71	2	6	ND	1	66	1	2	3	109	.50	.059	5	14	.70	110	.12	5	1.77	.02	.07	5	6
NS 21+00N 4+00W	4	318	2	60	.2	9	11	318	.95	2	15	ND	1	337	1	2	3	24	5.85	.094	25	9	.24	223	.02	5	.70	.01	.04	2	2
NS 21+00N 3+50W	7	367	4	77	.1	12	24	1084	3.63	4	6	ND	2	103	1	2	2	83	.93	.089	27	13	.99	130	.11	4	2.10	.01	.10	2	19
NS 21+00N 3+00W	4	322	7	87	.4	9	20	725	3.61	4	5	ND	1	141	1	2	3	86	1.48	.097	19	10	1.04	188	.11	2	2.37	.01	.10	2	25
NS 21+00N 2+50W	1	35	10	62	.1	11	8	350	3.40	2	6	ND	1	50	1	2	2	97	.31	.109	6	21	.64	69	.18	2	1.60	.01	.06	2	9
NS 21+00N 2+00W	10	142	8	96	.8	14	18	2443	3.57	2	6	ND	1	86	1	2	2	116	.84	.134	8	20	.88	160	.05	2	2.10	.01	.08	1	12
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20	1149	3.06	6	5	ND	1	67	1	2	2	103	.86	.079	7	28	.99	195	.09	2	2.07	.01	.16	1	15
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.18	3	2.05	.01	.12	1	25

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
NS 21+00N 0+50W	2	76	4	102	.6	20	15	1134	4.28	8	5	ND	1	101	1	2	2	148	1.55	.242	7	49	1.18	92	.07	7	2.16	.02	.08	3	31
NS 21+00N 2+00E	1	134	14	161	.1	23	26	1202	6.06	9	5	ND	1	112	1	2	2	175	.83	.198	5	64	2.25	75	.14	3	2.54	.02	.11	1	85
NS 21+00N 2+50E	1	67	6	106	.2	18	15	641	3.40	2	5	ND	1	53	1	2	2	109	.29	.091	4	41	1.36	60	.14	2	2.00	.01	.07	1	15
NS 21+00N 3+00E	1	158	8	95	.2	30	25	1086	5.04	5	6	ND	1	120	1	3	2	138	.56	.169	7	85	1.93	91	.13	2	2.91	.02	.15	1	31
NS 21+00N 3+50E	1	172	8	94	.2	30	24	916	4.71	7	5	ND	1	156	1	2	2	125	.61	.137	5	81	1.92	86	.13	6	2.96	.02	.12	1	36
NS 21+00N 4+00E	1	82	7	73	.1	27	17	519	4.77	4	5	ND	1	83	1	2	2	125	.43	.134	5	90	1.54	45	.08	6	2.32	.01	.08	1	27
NS 21+00N 5+00E	1	189	13	87	.1	33	23	1024	5.03	7	5	ND	1	113	1	2	2	128	.72	.175	7	98	1.80	56	.09	3	2.41	.01	.11	1	65
NS 20+00N 0+00E	7	188	7	49	.4	8	8	680	2.42	2	5	ND	2	145	1	2	2	64	5.17	.150	3	25	.18	49	.02	2	.66	.02	.04	4	24
NS 20+00N 1+00E	3	135	10	88	1.2	23	18	2822	3.63	4	5	ND	1	160	1	2	2	139	2.12	.156	3	70	1.40	82	.05	5	2.34	.02	.08	4	40
NS 20+00N 1+50E	1	36	6	74	.6	14	12	422	4.04	2	5	ND	1	57	1	2	2	121	.28	.146	4	44	1.02	40	.12	2	1.79	.01	.06	1	40
NS 20+00N 2+00E	1	57	6	69	1.6	15	13	446	3.10	2	5	ND	1	71	1	2	3	98	.36	.115	3	53	1.13	42	.09	2	2.14	.01	.07	1	36
NS 20+00N 3+00E	1	58	2	80	.1	20	14	879	3.80	4	5	ND	1	101	1	2	4	105	.44	.171	3	59	1.33	126	.09	2	1.69	.01	.08	5	54
NS 20+00N 3+50E	1	89	14	77	.1	24	17	602	3.68	5	5	ND	1	165	1	3	2	114	.57	.106	2	74	1.72	73	.09	7	2.05	.01	.09	1	57
NS 20+00N 4+50E	1	215	13	105	.3	35	24	1069	4.50	3	5	ND	1	155	1	3	6	124	.72	.157	2	94	2.16	59	.10	3	2.72	.01	.13	6	100
NS 20+00N 5+00E	1	233	8	122	.2	33	25	1147	4.68	5	5	ND	1	194	1	2	3	123	.87	.181	4	86	2.03	65	.10	6	2.62	.02	.14	1	90
NS 20+00N 5+50E	1	206	8	116	.3	32	25	983	5.07	5	7	ND	1	183	1	2	2	130	.76	.160	5	90	1.97	62	.11	2	2.60	.01	.13	3	180
NS 20+00N 6+00E	1	177	20	100	.2	28	22	849	4.14	8	5	ND	1	218	1	2	3	114	1.09	.103	6	74	1.59	65	.09	4	2.30	.01	.08	1	170
NS 13+00N 0+00E	1	51	7	105	.1	9	13	846	4.02	2	5	ND	1	41	1	2	5	134	.31	.106	2	26	1.18	52	.14	2	2.01	.01	.11	1	100
NS 13+00N 0+50E	2	85	7	114	.1	9	18	957	4.54	3	6	ND	1	110	1	2	2	131	.72	.122	3	20	1.43	78	.11	2	2.39	.01	.10	1	47
NS 13+00N 1+50E	1	50	9	60	.1	10	11	392	4.33	7	5	ND	1	42	1	2	2	139	.23	.064	2	32	.79	36	.16	2	1.69	.01	.05	1	31
NS 13+00N 2+00E	1	198	11	124	.1	18	20	883	3.84	9	5	ND	1	112	1	2	2	129	1.34	.159	3	39	1.39	51	.07	2	2.23	.02	.07	1	34
NS 13+00N 2+50E	1	56	10	86	.1	14	11	365	3.57	4	5	ND	1	66	1	2	6	104	.61	.069	4	36	.83	57	.08	2	1.89	.01	.06	1	12
NS 13+00N 3+00E	1	56	9	85	1.5	13	11	499	3.50	5	5	ND	1	73	1	2	3	105	.39	.095	2	40	.95	44	.08	2	2.03	.01	.06	1	48
NS 13+00N 3+50E	1	133	9	117	.3	19	19	933	4.58	5	5	ND	1	136	1	2	4	132	.67	.147	3	61	1.58	74	.09	2	2.75	.02	.06	1	23
NS 13+00N 4+00E	1	43	9	79	.1	12	12	561	4.78	2	5	ND	1	89	1	2	2	127	.37	.236	2	42	.93	62	.11	2	2.18	.02	.06	1	24
NS 13+00N 4+50E	1	42	13	94	1.6	13	12	480	4.38	5	5	ND	1	59	1	2	2	126	.34	.108	2	45	.92	32	.13	3	1.66	.01	.06	1	14
NS 13+00N 5+00E	1	70	4	113	.7	20	14	428	3.06	6	5	ND	1	56	1	2	2	94	.55	.129	3	44	1.19	52	.13	2	1.82	.02	.06	1	9
NS 13+00N 5+50E	2	103	9	109	.1	19	16	1092	3.96	8	5	ND	1	86	1	2	3	142	1.02	.148	2	44	1.27	46	.05	2	2.45	.02	.07	1	16
NS 13+00N 6+00E	1	80	7	96	.1	13	14	544	3.65	7	5	ND	1	99	1	2	2	112	1.42	.092	2	34	.85	36	.07	2	1.62	.02	.07	1	20
NS 12+00N 0+00E	1	127	11	113	.1	16	26	1251	5.64	2	5	ND	1	291	1	2	2	172	1.38	.162	2	27	2.05	230	.17	2	3.06	.02	.37	1	44
NS 12+00N 1+50E	1	32	6	72	.1	11	10	393	3.07	3	5	ND	1	49	1	2	6	110	.28	.044	3	31	.83	48	.12	2	1.55	.01	.06	1	18
NS 12+00N 2+00E	2	91	6	96	.1	13	18	704	4.92	10	5	ND	1	77	1	2	6	159	.73	.104	2	39	1.50	38	.18	3	2.01	.02	.10	1	26
NS 12+00N 2+50E	2	173	11	125	.1	15	27	1173	5.26	9	5	ND	1	89	1	2	7	133	.71	.118	2	41	1.46	46	.12	2	1.97	.01	.14	1	65
NS 12+00N 3+00E	1	144	6	135	.1	16	23	1073	4.36	11	5	ND	1	99	1	2	2	119	.86	.140	2	35	1.41	51	.08	2	2.19	.02	.10	1	15
NS 12+00N 3+50E	2	29	6	73	.5	10	9	420	2.92	4	5	ND	1	38	1	2	6	85	.22	.133	2	30	.76	30	.06	2	1.61	.01	.04	1	235
NS 12+00N 4+00E	1	29	4	50	.4	12	6	293	2.38	2	5	ND	1	37	1	2	2	72	.20	.100	3	27	.54	37	.08	3	1.66	.01	.04	1	9
NS 12+00N 4+50E	1	36	8	78	.5	14	12	520	4.19	3	5	ND	1	54	1	2	5	120	.32	.117	3	47	.92	39	.12	4	1.81	.01	.06	1	16
STD C/AU-0.5	22	59	42	138	7.0	72	31	1212	3.99	42	17	8	32	49	19	16	21	68	.48	.116	37	65	.87	178	.08	35	1.71	.07	.13	15	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
NS 12+00N 5+00E	1	107	25	113	.6	20	18	607	5.03	6	7	ND	1	76	1	2	2	113	.50	.283	3	56	1.40	42	.08	5	2.50	.01	.08	1	24
NS 12+00N 5+50E	1	116	12	106	2.1	19	17	511	4.90	10	8	ND	1	65	1	2	3	110	.47	.146	4	47	1.34	44	.06	2	2.39	.02	.07	1	12
NS 12+00N 6+00E	1	86	11	119	.4	16	14	517	3.32	6	5	ND	1	71	1	2	2	95	.39	.116	3	34	1.27	55	.11	2	2.46	.02	.09	1	15
NS 11+00N 0+00E	1	326	14	158	.2	17	35	1906	6.08	3	5	ND	1	157	1	2	2	173	1.23	.169	2	41	2.32	240	.17	2	2.79	.01	.40	1	70
NS 11+00N 0+50E	1	126	9	136	.1	12	25	1273	5.32	2	5	ND	1	149	1	2	2	164	1.06	.180	2	22	2.25	144	.16	3	2.58	.01	.28	1	35
NS 11+00N 2+00E	1	45	13	71	.4	12	11	496	3.81	7	5	ND	1	41	1	2	2	127	.31	.092	6	32	1.03	48	.14	2	1.69	.01	.06	1	12
NS 11+00N 2+50E	5	143	10	109	.4	16	17	1307	3.97	9	8	ND	1	83	1	2	2	126	1.14	.174	7	34	1.22	73	.05	2	2.22	.01	.09	1	16
NS 11+00N 3+00E	5	317	15	193	.9	23	30	2374	4.76	28	9	ND	1	109	1	2	7	140	1.54	.165	7	38	1.89	60	.07	2	3.00	.02	.09	1	34
NS 11+00N 3+50E	2	43	11	78	.9	11	9	545	2.83	5	6	ND	1	60	1	2	5	80	.33	.112	5	30	.73	58	.06	2	1.74	.01	.07	1	23
NS 11+00N 4+00E	2	65	7	87	.5	20	13	460	5.06	8	9	ND	1	52	1	2	2	107	.36	.185	6	41	.96	53	.07	2	2.32	.01	.06	1	20
NS 11+00N 4+50E	1	97	2	125	.4	16	21	779	4.62	12	6	ND	1	81	1	2	2	114	.59	.136	3	30	1.43	58	.09	2	2.11	.02	.11	1	21
NS 11+00N 5+00E	2	145	9	129	.8	15	23	1108	4.75	10	6	ND	1	77	1	2	2	117	.55	.172	4	30	1.40	58	.08	4	2.44	.01	.08	1	30
NS 11+00N 5+50E	2	207	6	142	.3	14	25	707	4.92	9	6	ND	1	74	1	3	3	123	.58	.161	5	25	1.60	48	.09	5	2.56	.01	.08	1	34
NS 11+00N 6+00E	1	152	11	127	.1	18	26	1087	4.84	12	5	ND	1	92	1	2	2	121	.89	.176	4	37	1.58	53	.08	2	2.20	.02	.15	1	31
NS 10+00N 0+00E	2	226	10	138	.3	9	26	1742	5.77	6	6	ND	2	145	1	2	2	143	1.31	.178	7	19	2.21	210	.12	2	3.11	.01	.25	1	150
NS 10+00N 0+50E	2	181	12	127	.2	23	26	1450	5.13	3	5	ND	1	114	1	2	2	150	.77	.187	6	37	1.99	127	.16	4	2.76	.01	.18	1	125
NS 10+00N 1+00E	4	380	9	87	.8	11	25	943	4.47	6	8	ND	1	98	1	2	3	115	.55	.119	8	20	1.16	114	.09	4	2.45	.01	.08	4	180
NS 10+00N 1+50E	1	127	4	108	.1	13	23	1284	5.20	6	5	ND	1	121	1	2	2	140	.85	.196	5	20	1.91	76	.12	2	2.47	.02	.17	1	47
NS 10+00N 2+50E	2	206	12	90	.1	37	30	1343	4.38	13	7	ND	1	181	1	2	2	117	.92	.188	4	82	1.65	89	.06	2	2.75	.01	.26	1	38
NS 10+00N 3+00E	1	25	6	49	.4	9	8	288	2.74	3	5	ND	1	44	1	2	4	92	.27	.103	5	27	.54	36	.08	2	1.22	.01	.06	2	7
NS 10+00N 3+50E	7	207	9	176	1.4	19	17	2910	3.50	19	5	ND	1	62	1	2	2	94	.72	.335	10	38	.86	102	.02	2	2.52	.01	.07	1	20
NS 10+00N 4+00E	1	32	7	71	.8	14	10	408	4.74	8	7	ND	1	48	1	3	2	125	.28	.099	5	42	.68	50	.08	5	1.79	.01	.05	1	20
NS 10+00N 4+50E	1	42	9	53	.5	9	8	432	2.98	6	5	ND	1	73	1	2	2	99	.30	.098	4	34	.49	34	.08	3	1.53	.01	.05	1	23
NS 10+00N 5+00E	1	39	9	60	1.2	10	8	380	3.25	2	6	ND	1	58	1	3	3	86	.27	.122	5	32	.66	46	.06	2	1.84	.01	.05	1	26
NS 10+00N 5+50E	1	55	12	78	.9	16	14	759	4.14	7	8	ND	1	81	1	4	2	100	.34	.170	2	42	1.11	43	.03	2	2.18	.01	.07	1	32
NS 10+00N 6+00E	1	56	16	76	.9	12	13	822	4.10	7	5	ND	1	74	1	3	2	126	.30	.108	5	41	.87	59	.05	3	1.86	.01	.06	1	45
NS 9+00N 1+00E	1	30	11	111	.1	9	12	706	3.52	4	7	ND	1	38	1	2	2	126	.28	.099	4	20	1.13	55	.13	4	1.92	.01	.12	1	33
NS 9+00N 1+50E	3	136	5	104	.8	12	18	1858	4.02	6	7	ND	1	74	1	2	2	145	1.05	.257	7	30	1.17	83	.03	3	1.98	.01	.08	1	16
NS 9+00N 2+00E	3	101	12	132	.8	10	16	1544	3.87	10	8	ND	1	89	1	2	2	146	1.09	.235	8	25	1.13	70	.03	3	2.13	.01	.10	1	11
NS 9+00N 2+50E	3	235	6	113	.2	18	20	1151	3.96	3	5	ND	1	60	1	2	2	117	.92	.148	9	38	1.31	51	.06	3	2.23	.01	.08	1	13
NS 9+00N 3+00E	1	28	12	48	.4	8	6	227	2.17	4	5	ND	1	32	1	2	2	78	.18	.062	8	22	.49	47	.07	2	1.45	.01	.06	3	32
NS 9+00N 4+00E	2	18	7	55	.9	7	6	222	1.92	2	5	ND	1	34	1	2	2	72	.21	.055	8	25	.59	51	.05	3	1.79	.01	.04	1	35
NS 9+00N 4+50E	1	28	6	47	.9	6	6	202	1.42	2	5	ND	1	58	1	2	3	53	.20	.079	3	22	.40	52	.03	3	1.40	.01	.05	2	28
NS 9+00N 5+00E	1	143	9	87	.4	18	21	1119	3.68	11	5	ND	1	104	1	2	2	88	.64	.180	4	37	1.55	45	.06	2	2.44	.01	.10	1	65
NS 9+00N 5+50E	1	132	14	75	.5	18	22	916	4.18	9	6	ND	1	95	1	3	2	103	.54	.127	5	43	1.66	48	.11	2	2.82	.01	.07	1	70
NS 9+00N 6+00E	1	103	7	92	.4	18	17	703	4.49	6	5	ND	1	109	1	3	2	113	.38	.111	4	44	1.21	37	.07	2	2.82	.01	.05	2	35
STD C/AU 0.5	21	59	39	135	7.0	69	30	1131	3.96	41	21	8	34	49	19	15	20	64	.48	.111	39	59	.88	182	.09	36	1.72	.07	.14	15	485

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
NS 8+00N 0+00E	1	67	12	96	.2	15	14	854	3.73	4	6	ND	1	120	1	2	4	117	.44	.094	2	36	1.18	113	.07	5	2.08	.03	.10	1	34
NS 8+00N 0+50E	1	51	8	115	.2	11	12	1136	3.83	2	5	ND	1	59	1	2	2	113	.31	.133	2	26	.97	128	.04	6	1.59	.01	.13	1	46
NS 8+00N 1+00E	1	48	7	105	.2	13	14	721	4.49	3	5	ND	1	41	1	2	3	134	.25	.119	3	32	1.08	56	.09	4	1.75	.01	.10	1	22
NS 8+00N 1+50E	2	123	120	109	.5	22	20	1240	4.51	6	5	ND	1	64	1	2	4	125	.78	.108	4	41	1.57	60	.06	4	2.53	.01	.10	1	110
NS 8+00N 2+00E	1	103	12	110	.2	14	19	908	3.93	4	6	ND	1	59	1	2	3	119	.92	.089	3	25	1.42	45	.08	3	2.02	.01	.10	1	13
NS 8+00N 2+50E	1	160	11	117	.7	14	15	630	3.23	2	6	ND	1	65	1	2	3	93	.69	.142	7	28	1.12	54	.03	2	2.38	.01	.06	1	16
NS 8+00N 3+50E	1	24	5	79	.2	19	10	401	3.51	2	5	ND	1	29	1	2	2	106	.20	.060	4	35	.94	33	.09	2	2.14	.01	.03	1	18
NS 8+00N 4+00E	1	38	7	72	1.0	13	8	295	3.46	8	5	ND	1	39	1	2	2	91	.18	.116	4	30	.65	37	.04	2	1.76	.01	.05	1	21
NS 8+00N 4+50E	1	22	10	50	.2	8	6	150	1.92	2	5	ND	1	36	1	2	2	72	.19	.104	4	25	.39	36	.05	4	1.29	.01	.04	1	10
NS 8+00N 5+00E	1	65	10	61	.9	10	10	500	1.96	3	5	ND	1	60	1	2	2	64	.28	.116	3	24	.61	47	.03	2	1.63	.01	.06	1	40
NS 8+00N 5+50E	1	55	9	86	.7	12	13	480	4.30	6	6	ND	1	60	1	2	2	99	.35	.167	2	37	1.06	44	.03	3	2.15	.01	.06	1	85
NS 8+00N 6+00E	2	217	12	126	.4	17	21	2049	3.68	10	5	ND	1	73	1	2	2	110	.75	.159	4	32	1.04	62	.03	2	2.37	.01	.06	1	110
NS 2+00N 2+50E	1	153	9	81	.2	26	20	602	4.04	3	9	ND	1	114	1	2	2	115	.41	.122	2	66	1.70	59	.08	2	2.38	.01	.08	1	75
NS BL 13+40N SILT	1	119	12	121	.3	8	20	1275	4.24	3	5	ND	1	263	1	2	2	139	1.11	.142	2	8	1.93	233	.17	2	2.54	.02	.42	1	54
STD C/AU 0.5	20	62	41	140	7.0	70	31	1103	3.92	40	21	8	37	52	18	15	20	67	.48	.104	39	62	.88	184	.07	39	1.72	.07	.14	13	495

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 3-1-2 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: SOILS -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 21 1986 DATE REPORT MAILED: July 24/86 ASSAYER.. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

IMPERIAL METALS PROJECT - 6102 FILE # 86-1567 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
NSE L0+00E 6+00N	1	85	8	119	.1	21	16	445	3.88	8	5	ND	1	63	1	2	2	87	.57	.158	7	33	1.32	64	.16	7	2.26	.02	.14	1	4
NSE L0+00E 5+50N	1	57	5	116	.1	14	15	730	3.50	9	5	ND	1	75	1	2	2	90	.59	.096	4	29	1.29	81	.19	4	2.18	.02	.11	1	5
NSE L0+00E 5+00N	1	83	28	286	.4	18	18	771	4.79	7	5	ND	1	74	1	3	2	114	.58	.147	3	40	1.46	67	.18	2	2.52	.02	.12	2	29
NSE L0+00E 4+50N	2	46	18	201	.2	18	16	589	4.85	10	5	ND	1	49	1	2	2	121	.43	.171	2	59	1.27	54	.19	3	2.06	.02	.11	1	5
NSE L0+00E 4+00N	3	54	21	143	.7	15	15	766	4.68	11	5	ND	1	65	1	2	2	123	.42	.089	3	45	1.05	51	.18	2	2.03	.02	.08	1	2
NSE L0+00E 3+50N	5	68	17	292	.7	15	16	2156	3.39	8	5	ND	1	114	1	3	2	83	1.41	.141	3	50	1.02	161	.05	4	1.67	.01	.14	1	1
NSE L0+00E 3+00N	4	138	31	222	.1	36	28	1152	5.07	14	5	ND	1	96	1	2	2	146	1.05	.102	4	104	1.89	84	.13	2	2.25	.02	.15	1	8
NSE L0+00E 2+50N	1	32	7	119	.1	15	15	517	4.63	10	5	ND	1	42	1	2	2	114	.56	.105	2	52	.98	36	.14	3	3.53	.01	.06	1	13
NSE L0+00E 2+00N	1	51	22	144	.1	19	20	518	5.83	24	5	ND	1	40	1	2	2	132	.57	.203	2	59	1.38	39	.15	2	1.72	.01	.10	1	2
NSE L0+00E 1+50N	1	20	2	111	.2	12	14	735	4.23	8	5	ND	1	41	1	2	2	101	.45	.093	2	35	1.11	33	.17	2	1.45	.01	.06	1	1
NSE L0+00E 1+00N	1	17	9	70	.3	8	9	760	4.02	6	5	ND	1	36	1	2	3	114	.37	.068	2	32	.70	48	.14	2	1.41	.01	.05	1	5
NSE L0+00E 0+50N	1	20	2	155	.3	15	15	1052	6.50	14	5	ND	1	30	1	2	2	148	.51	.131	2	45	1.23	41	.17	2	2.03	.01	.14	1	2
NSE BL0 0+00E	1	10	12	73	.1	6	7	497	3.30	7	5	ND	1	27	1	2	2	92	.64	.033	2	33	.45	33	.17	2	.74	.01	.05	1	1
NSE L0+00E 0+50S	2	26	7	211	1.2	16	17	1401	4.75	20	5	ND	1	51	1	2	2	142	.93	.117	2	50	1.40	81	.20	4	1.80	.01	.08	1	1
NSE L0+00E 1+00S	1	17	15	155	.5	19	17	886	4.85	20	5	ND	1	28	1	2	2	126	.62	.094	3	62	1.32	30	.19	2	1.53	.01	.09	1	1
NSE L0+00E 2+00S	1	13	10	78	.2	11	9	605	3.55	13	5	ND	1	28	1	2	2	96	.42	.107	2	26	.83	20	.14	2	1.17	.01	.05	1	14
NSE L0+00E 2+50S	1	18	4	74	1.4	10	10	524	3.87	8	5	ND	1	32	1	2	2	84	.31	.138	2	25	.91	33	.08	2	1.61	.01	.05	1	4
NSE L0+00E 3+00S	1	15	2	89	.6	13	10	566	3.01	7	5	ND	1	44	1	2	2	92	.74	.077	2	33	1.05	34	.16	2	1.49	.01	.06	1	5
NSE L0+00E 3+50S	1	17	10	103	.3	13	16	632	5.35	30	5	ND	1	31	1	2	2	129	.59	.149	2	44	1.37	21	.14	2	1.77	.01	.07	1	4
NSE L0+00E 4+00S	1	10	4	171	.1	27	22	769	5.00	30	5	ND	1	31	1	2	2	120	.55	.131	2	41	1.88	25	.18	2	2.12	.01	.21	1	3
NSE L0+00E 4+50S	1	15	5	76	.3	14	12	489	4.77	24	5	ND	1	36	1	2	2	119	.46	.133	2	55	1.05	27	.11	2	1.40	.01	.06	1	7
NSE L0+00E 5+00S	1	29	8	86	.3	19	16	477	4.34	20	5	ND	1	32	1	2	2	116	.53	.129	2	60	1.36	25	.12	2	1.82	.01	.07	1	14
NSE L0+00E 5+50S	2	105	7	100	.9	24	21	734	4.65	24	5	ND	1	54	1	2	2	119	.70	.119	8	66	1.69	31	.12	5	2.31	.01	.07	2	7
NSE L0+00E 6+00S	1	13	16	53	.5	12	11	358	3.55	10	5	ND	1	36	1	2	2	110	.45	.078	2	45	1.00	25	.19	2	1.23	.01	.07	1	6
NSE BL0 1+00E	1	25	2	296	.5	14	18	889	6.45	25	5	ND	1	32	1	2	2	147	.52	.103	2	55	1.41	21	.20	2	2.04	.01	.07	1	3
NSE 1+00E 0+50S	1	26	12	160	.1	20	21	1253	6.80	28	5	ND	1	37	1	2	2	161	.49	.148	2	56	1.61	30	.18	2	2.13	.01	.08	1	2
NSE 1+00E 1+00S	10	116	2	219	.9	14	19	2039	4.38	19	5	ND	1	107	1	2	2	135	1.43	.123	5	52	1.38	77	.12	2	2.15	.01	.10	2	1
NSE 1+00E 1+50S	1	21	6	94	.3	16	17	784	5.51	14	5	ND	1	39	1	2	2	153	.42	.129	4	26	1.45	41	.19	2	2.16	.02	.08	1	2
NSE 1+00E 2+00S	2	118	10	132	2.0	19	21	1308	4.65	25	5	ND	1	68	1	3	2	133	1.18	.162	7	87	1.39	40	.11	3	2.00	.02	.13	1	8
NSE 1+00E 2+50S	1	17	8	82	.5	8	12	518	5.11	20	5	ND	1	46	1	2	2	139	.54	.127	2	45	.89	33	.22	2	1.61	.01	.06	1	9
NSE 1+00E 3+00S	1	15	10	96	.4	11	13	659	4.47	18	5	ND	1	34	1	2	2	117	.46	.099	2	43	1.08	28	.19	4	1.73	.01	.07	1	3
NSE 1+00E 3+50S	1	75	2	99	.8	15	17	859	4.43	19	5	ND	1	51	1	2	2	121	.91	.088	4	61	1.27	33	.17	2	1.73	.01	.09	2	4
NSE 1+00E 4+00S	1	87	10	133	.4	23	22	941	4.95	22	5	ND	1	53	1	2	2	125	1.09	.161	4	65	1.81	42	.17	2	1.93	.02	.22	1	7
NSE 1+00E 4+50S	1	21	12	89	.7	13	15	425	5.41	32	5	ND	1	45	1	2	2	164	.49	.216	2	53	1.30	43	.13	6	1.93	.01	.07	3	6
NSE 1+00E 5+00S	1	5	6	35	.2	7	5	165	2.35	2	5	ND	1	35	1	3	2	73	.40	.026	2	48	.42	17	.21	3	.72	.01	.05	1	23
NSE 1+00E 5+50S	1	10	8	55	.1	20	11	353	3.66	7	5	ND	1	35	1	2	2	116	.40	.079	2	65	1.09	22	.20	2	1.31	.01	.07	2	29
NSE 1+00E 6+00S	1	19	14	60	.2	9	12	730	4.68	11	5	ND	1	35	1	2	2	119	.42	.087	2	52	.95	29	.18	3	1.37	.01	.06	1	11
STD C/AU 0.5	21	58	38	132	7.0	68	29	1081	3.88	41	17	7	30	45	17	15	21	59	.48	.102	36	57	.87	170	.08	35	1.70	.06	.12	14	485

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
NSE BL0 2+00E	1	28	12	107	.3	13	15	1211	5.60	17	6	ND	1	49	1	2	2	146	.45	.176	2	48	1.00	44	.17	7	1.65	.01	.08	1	19
NSE 2+00E 0+50S	1	22	8	101	.3	12	13	630	5.02	14	6	ND	1	39	1	2	6	140	.44	.104	2	48	.96	37	.19	2	1.43	.01	.08	1	30
NSE 2+00E 1+00S	6	124	22	195	.7	19	25	1616	5.04	33	5	ND	1	75	1	2	2	154	1.62	.195	5	72	1.61	32	.11	2	1.87	.02	.11	1	12
NSE 2+00E 1+50S	1	79	15	89	1.7	12	12	485	3.46	15	5	ND	1	57	1	2	3	106	.58	.086	3	42	.90	37	.11	4	1.81	.01	.07	1	11
NSE 2+00E 2+00S	2	83	19	154	.9	20	21	1293	4.61	21	5	ND	1	67	1	2	2	132	1.52	.171	4	68	1.57	49	.15	2	1.71	.02	.20	1	7
NSE 2+00E 3+00S	2	79	19	113	.2	19	19	1080	4.42	18	5	ND	1	59	1	2	2	128	1.05	.141	3	71	1.62	33	.16	3	1.72	.02	.15	1	5
NSE 2+00E 3+50S	1	54	9	110	.6	18	16	610	4.18	19	5	ND	1	53	1	2	2	121	.88	.159	2	55	1.41	31	.16	2	1.58	.02	.10	1	23
NSE 2+00E 4+00S	1	22	14	91	.5	16	15	539	6.15	25	5	ND	1	48	1	2	4	154	.49	.203	4	65	1.22	33	.18	4	2.16	.01	.07	1	5
NSE 2+00E 4+50S	1	24	13	71	.4	13	12	504	4.69	16	5	ND	1	47	1	2	2	138	.43	.162	2	49	.95	33	.14	2	1.69	.01	.07	3	7
NSE 2+00E 5+00S	1	22	22	68	.7	17	14	493	5.23	16	6	ND	1	48	1	3	2	152	.52	.110	2	72	1.19	23	.23	6	1.72	.01	.08	1	10
NSE 2+00E 5+50S	1	35	20	68	.1	17	16	507	5.92	12	5	ND	1	44	1	2	2	148	.48	.116	2	66	1.18	34	.18	2	1.64	.01	.08	1	12
NSE 2+00E 6+00S	1	42	5	86	.2	19	19	577	7.13	21	5	ND	1	42	1	2	2	170	.58	.298	2	82	1.54	32	.16	6	1.95	.01	.09	1	580
NSE BL0 3+00E	1	17	13	65	.4	9	9	736	4.19	14	5	ND	1	39	1	3	2	128	.43	.073	2	38	.52	32	.18	4	1.17	.01	.05	1	2
NSE 3+00E 0+50S	1	28	14	120	.4	19	15	706	5.76	16	5	ND	1	36	1	2	3	157	.51	.141	2	61	1.09	39	.18	2	1.70	.01	.07	2	3
NSE 3+00E 1+00S	1	23	11	116	.4	22	16	561	5.92	12	5	ND	1	38	1	2	2	167	.44	.141	2	66	1.48	36	.24	2	2.19	.02	.08	1	4
NSE 3+00E 1+50S	2	21	17	114	.3	14	14	730	4.87	10	5	ND	1	39	1	2	2	155	.45	.109	3	49	1.07	37	.19	4	1.60	.01	.08	1	7
NSE 3+00E 2+00S	1	39	10	81	.3	12	13	491	3.84	12	5	ND	1	62	1	2	2	117	.69	.085	4	52	1.03	27	.15	2	1.56	.01	.08	1	10
NSE 3+00E 2+50S	1	42	24	90	.4	15	14	560	6.01	18	5	ND	1	46	1	2	2	152	.47	.171	4	63	1.23	34	.19	5	2.35	.01	.07	1	8
NSE 3+00E 3+00S	1	43	15	103	.2	19	18	795	5.72	20	5	ND	1	55	1	2	2	146	.70	.147	2	63	1.42	41	.19	2	1.88	.02	.11	1	16
NSE 3+00E 3+50S	1	36	14	78	.8	15	11	376	3.77	9	5	ND	1	60	1	2	2	108	.57	.068	4	48	.93	42	.13	2	2.06	.01	.06	1	180
NSE 3+00E 4+00S	2	128	6	105	.6	22	21	718	5.47	19	5	ND	1	47	1	2	2	145	.52	.116	5	73	1.46	42	.12	4	2.26	.01	.09	1	7
NSE 3+00E 5+00S	1	32	17	90	.5	17	15	481	4.78	11	5	ND	1	54	1	2	2	151	.46	.090	2	59	1.26	40	.26	2	1.99	.02	.11	1	5
NSE 3+00E 5+50S	2	84	19	100	.7	22	21	670	4.84	11	5	ND	1	46	1	2	2	146	.71	.127	4	82	1.78	50	.21	2	1.95	.02	.13	2	5
NSE 3+00E 6+00S	1	72	14	79	.4	17	17	641	4.48	11	5	ND	1	65	1	2	2	122	.78	.117	3	64	1.43	40	.20	3	1.76	.01	.15	1	8
NSE BL0 4+00E	1	16	9	190	.3	17	18	955	5.29	15	5	ND	1	39	1	2	2	163	.64	.120	2	46	1.53	31	.25	3	1.91	.02	.10	1	6
NSE 4+00E 0+50S	1	13	10	39	.3	4	4	228	2.75	7	5	ND	1	41	1	2	3	92	.51	.052	2	27	.29	34	.20	2	.97	.01	.05	2	3
NSE 4+00E 1+00S	1	51	15	91	.5	18	14	527	4.98	12	5	ND	1	53	1	3	2	122	.36	.091	2	61	1.11	33	.13	2	1.98	.01	.06	1	6
NSE 4+00E 1+50S	1	22	15	80	.4	13	11	415	4.63	8	5	ND	1	46	1	2	7	132	.52	.081	2	55	.70	39	.19	2	1.29	.01	.07	1	26
NSE 4+00E 2+00S	1	26	13	85	.2	15	14	710	5.08	12	5	ND	1	48	1	2	4	138	.58	.133	3	61	1.00	42	.19	2	1.41	.02	.13	1	4
NSE 4+00E 2+50S	1	56	13	98	.1	18	15	548	5.23	22	5	ND	1	43	1	2	2	136	.58	.163	5	66	1.26	31	.15	3	1.97	.01	.09	1	6
NSE 4+00E 3+00S	1	43	15	98	.1	18	18	566	6.78	22	5	ND	1	55	2	2	2	172	.50	.207	5	65	1.38	34	.18	2	2.39	.01	.08	1	4
NSE 4+00E 3+50S	1	22	14	77	.3	15	13	457	4.66	16	5	ND	1	47	1	2	2	142	.49	.084	4	49	1.08	30	.19	3	1.81	.01	.06	1	9
NSE 4+00E 4+00S	1	74	25	109	.3	18	21	946	5.00	17	5	ND	1	59	1	2	2	146	1.20	.144	5	75	1.67	34	.15	5	1.73	.02	.24	1	14
NSE 4+00E 4+50S	1	67	15	114	.2	26	22	726	5.01	11	5	ND	1	101	1	2	2	149	1.15	.172	5	87	2.16	66	.25	3	2.01	.02	.41	1	10
NSE 4+00E 5+00S	1	34	3	90	.8	19	16	619	5.88	12	5	ND	1	56	1	2	2	159	.51	.181	4	69	1.39	38	.19	2	1.89	.01	.08	1	6
NSE 4+00E 5+50S	2	41	2	94	.4	21	20	948	4.34	11	5	ND	1	67	1	2	2	127	1.15	.156	4	64	1.90	42	.19	4	1.64	.01	.12	1	3
NSE 4+00E 6+00S	1	28	11	48	.9	10	8	309	3.80	4	5	ND	1	47	1	2	2	129	.42	.086	4	63	.67	27	.25	2	1.45	.01	.05	1	4
STD C/AU 0.5	20	62	44	134	7.1	70	29	1156	3.96	42	21	8	33	49	18	15	18	65	.48	.114	40	62	.88	182	.08	36	1.72	.07	.14	15	505

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
NSE BL0 5+00E	1	36	10	82	.8	9	11	622	4.53	15	5	ND	1	61	1	2	2	130	.52	.125	4	50	.89	36	.20	3	1.71	.01	.07	1	75
NSE L5+00E 0+50S	2	36	21	127	.2	30	17	521	5.72	15	5	ND	1	36	1	2	4	152	.50	.146	5	107	1.63	43	.23	2	2.03	.02	.07	1	10
NSE L5+00E 1+00S	2	162	16	197	.6	21	29	966	5.67	15	7	ND	1	56	1	2	2	161	1.04	.121	7	110	2.67	50	.25	2	2.20	.03	.14	1	5
NSE L5+00E 1+50S	1	41	17	122	.6	24	19	797	5.87	18	5	ND	1	42	1	2	2	142	.42	.115	3	101	1.44	34	.15	2	2.19	.01	.09	2	40
NSE L5+00E 2+00S	1	136	20	85	.1	29	26	841	4.57	10	5	ND	1	64	1	2	2	124	.98	.134	5	107	1.56	51	.21	2	1.97	.04	.30	1	10
NSE L5+00E 2+50S	1	27	7	81	.1	15	14	458	4.61	9	5	ND	1	58	1	2	2	144	.55	.069	3	45	1.19	36	.21	2	1.78	.01	.08	1	8
NSE L5+00E 3+00S	1	60	23	72	.2	22	22	1168	5.00	18	5	ND	1	62	1	2	3	131	.71	.080	6	66	1.37	48	.19	3	1.60	.01	.09	1	11
NSE L5+00E 3+50S	2	50	22	62	.1	13	14	408	3.84	12	5	ND	1	58	1	2	4	122	.66	.065	4	49	1.00	57	.20	3	1.26	.01	.08	1	24
NSE L5+00E 4+00S	1	149	24	107	.2	35	30	1015	5.63	16	5	ND	1	74	1	2	2	147	.91	.153	5	125	2.45	64	.26	4	2.25	.02	.48	1	18
NSE L5+00E 4+50S	1	13	7	88	.1	25	15	469	4.28	12	5	ND	1	91	1	2	2	143	.64	.066	3	62	1.69	32	.25	2	1.82	.02	.09	1	31
NSE L5+00E 5+00S	1	24	10	118	.3	33	21	619	5.01	12	5	ND	1	71	1	2	2	151	.67	.102	6	120	2.15	65	.29	2	2.22	.02	.37	1	4
NSE L5+00E 5+50S	1	38	12	77	.5	17	17	488	4.75	19	5	ND	1	66	1	2	2	137	.67	.101	4	62	1.54	41	.21	2	1.95	.01	.12	1	10
NSE L5+00E 6+00S	1	182	2	107	.3	23	24	1805	4.65	38	5	ND	1	97	1	2	2	142	1.57	.142	6	81	1.67	68	.14	5	1.48	.01	.10	1	6
NSE L18E 6+00N	2	37	13	137	.3	20	14	457	4.57	12	5	ND	1	62	1	2	2	135	.61	.032	4	75	1.27	85	.24	2	1.66	.02	.09	1	8
NSE L18E 5+00N	1	48	12	74	.3	18	13	427	4.25	7	5	ND	1	48	1	2	6	113	.39	.075	4	70	1.09	48	.17	2	1.89	.01	.06	1	11
NSE L18E 4+50N	1	21	15	68	.2	12	9	391	3.30	10	5	ND	1	72	1	2	2	107	.82	.050	7	48	.79	60	.19	2	1.49	.01	.07	1	13
NSE L18E 4+00N	1	45	18	105	.3	21	15	641	4.53	12	5	ND	1	66	1	2	2	127	.87	.109	7	70	1.35	74	.17	2	1.83	.02	.09	1	10
NSE L18E 3+50N	1	12	11	62	.4	19	14	355	5.11	10	5	ND	1	52	1	2	3	140	.53	.055	2	99	1.15	31	.26	4	1.40	.02	.08	1	11
NSE L18E 3+00N	1	121	12	89	.4	22	20	990	4.90	17	5	ND	1	82	1	2	2	134	1.42	.099	7	88	1.38	71	.14	4	1.72	.01	.07	1	23
NSE L18E 2+50N	1	82	15	101	.3	34	24	764	4.94	12	5	ND	1	70	1	2	2	131	1.21	.113	7	120	1.99	55	.19	4	1.73	.02	.11	1	9
NSE L18E 2+00N	1	143	19	91	.3	35	26	920	4.88	13	5	ND	1	64	1	2	2	131	1.00	.107	7	123	2.04	65	.16	3	1.91	.02	.11	1	10
NSE L18E 1+50N	1	26	5	66	.1	46	21	652	4.35	8	5	ND	1	57	1	2	2	126	1.02	.095	5	168	2.00	30	.23	6	1.29	.02	.08	1	2
NSE L18E 1+00N	1	147	18	116	1.0	32	24	939	4.42	13	5	ND	1	81	1	2	2	123	1.59	.107	6	101	1.88	95	.13	7	2.10	.02	.11	1	3
NSE L18E 0+50N	2	272	10	116	1.1	29	30	1628	4.54	20	5	ND	1	87	1	2	2	123	2.06	.128	10	102	1.80	105	.08	4	2.11	.02	.14	1	8
NSE L19E 5+50N	4	55	10	98	.1	29	24	935	5.52	12	5	ND	1	62	1	2	2	152	.86	.047	2	118	1.75	41	.18	3	1.68	.01	.06	1	47
NSE L19E 5+00N	5	124	19	117	.4	39	25	1844	4.78	14	5	ND	1	73	1	2	2	131	1.41	.098	8	122	2.08	84	.17	2	1.93	.02	.13	1	16
NSE L19E 4+50N	5	131	17	124	.4	26	22	1884	4.68	14	5	ND	1	85	1	2	2	131	1.54	.122	9	87	1.53	106	.11	2	1.92	.02	.10	1	12
NSE L19E 4+00N	1	11	8	49	.1	8	6	332	2.23	6	5	ND	1	48	1	2	2	97	.49	.051	2	39	.63	57	.15	2	.94	.01	.07	1	3
NSE L19E 3+50N	1	117	5	80	.3	26	20	785	4.12	11	5	ND	1	72	1	2	2	120	1.18	.093	6	89	1.52	55	.14	2	1.53	.02	.07	1	22
NSE L19E 3+00N	1	138	8	85	.4	31	22	671	3.80	13	6	ND	1	77	1	2	2	114	1.64	.099	6	87	1.66	72	.13	4	1.65	.02	.07	1	9
NSE L19E 2+50N	1	224	4	88	.5	29	24	1154	3.75	9	6	ND	1	86	1	2	2	111	1.98	.125	7	90	1.56	85	.10	5	1.69	.02	.07	1	20
NSE L19E 2+00N	1	133	9	80	.5	27	21	712	3.90	11	5	ND	1	76	1	2	2	121	1.58	.091	5	93	1.67	61	.14	3	1.60	.02	.08	1	7
NSE L19E 1+50N	1	170	10	82	.2	26	22	595	4.02	9	6	ND	1	88	1	2	2	125	1.75	.071	6	87	1.51	82	.15	3	1.69	.02	.07	1	9
NSE L19E 1+00N	2	115	11	117	.5	35	26	1403	4.49	13	5	ND	1	95	1	2	2	135	2.26	.140	8	114	2.15	88	.12	4	2.09	.02	.11	1	7
NSE L19E 0+50N	2	214	8	106	1.2	27	24	2591	3.36	13	7	ND	1	103	2	2	2	111	2.94	.152	8	94	1.37	146	.06	2	1.86	.01	.08	1	5
NSE L19E BL	1	92	4	112	.9	31	21	798	4.49	9	5	ND	1	76	1	2	2	130	1.40	.096	9	101	1.90	79	.16	4	1.93	.02	.09	1	6
NSE L19E 0+50S	2	373	8	132	.5	60	41	2915	5.14	14	5	ND	1	79	1	2	2	166	1.96	.111	7	202	2.64	89	.10	6	2.17	.02	.06	1	2
STD C/AU 0.5	22	56	36	138	7.3	74	32	1114	3.93	40	20	8	32	47	18	17	21	62	.44	.106	39	59	.84	179	.09	39	1.72	.07	.13	13	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
NSE L19E 1+00S	1	28	13	71	.3	28	14	433	5.70	7	5	ND	1	33	1	3	2	173	.29	.075	4	119	1.05	36	.24	5	1.40	.01	.05	1	5
NSE L19E 1+50S	1	22	7	63	.3	26	12	1437	3.92	7	5	ND	1	31	1	2	2	124	.25	.059	8	87	.87	74	.14	3	1.30	.01	.07	1	7
NSE L19E 2+00S	1	48	13	102	.1	50	21	1032	5.75	5	5	ND	1	32	1	2	5	154	.28	.103	6	147	1.74	44	.14	4	1.69	.01	.05	1	5
NSE L19E 2+50S	1	39	10	95	.1	60	24	675	5.93	10	5	ND	1	35	1	2	2	155	.32	.111	8	154	2.19	36	.19	2	1.65	.01	.04	2	4
NSE L19E 3+00S	1	39	3	109	.1	57	22	1033	5.21	4	5	ND	1	28	1	2	3	143	.30	.071	7	167	2.19	41	.20	3	1.55	.01	.03	2	2
NSE L19E 3+50S	1	16	13	98	.1	50	18	3168	4.70	3	5	ND	1	26	1	2	2	115	.32	.067	6	179	1.68	197	.17	3	1.39	.01	.10	1	3
NSE L19E 4+00S	1	471	17	108	.4	59	21	2219	3.88	11	5	ND	1	83	1	3	3	153	2.07	.130	9	149	1.53	68	.06	4	1.91	.01	.04	1	1
NSE L19E 4+50S	1	58	12	100	.1	136	40	2368	5.31	3	5	ND	1	18	1	2	2	139	.33	.098	4	286	3.86	44	.12	4	1.95	.01	.02	1	2
NSE L19E 5+00S	1	40	12	108	.1	149	40	1514	5.42	5	5	ND	1	16	1	2	2	147	.36	.093	2	306	4.20	29	.13	2	2.06	.01	.02	1	1
NSE L19E 5+50S	1	27	14	120	.1	111	32	1115	5.85	6	5	ND	1	15	1	2	2	140	.25	.080	5	238	4.09	53	.17	2	2.10	.01	.03	1	2
NSE L19E 6+00S	2	88	12	125	.1	94	28	673	5.53	14	5	ND	1	22	1	2	2	137	.31	.193	8	183	2.98	47	.10	4	2.52	.01	.05	1	1
NSE L20E 6+00N	11	122	16	84	.5	35	27	2435	5.67	14	5	ND	1	61	1	2	2	151	1.09	.151	8	90	1.58	85	.10	3	1.55	.01	.07	1	5
NSE L20E 5+50N	4	231	18	108	.2	30	23	1369	4.34	15	5	ND	1	58	1	2	2	128	1.07	.150	10	121	1.50	58	.08	4	1.65	.01	.09	1	47
NSE L20E 5+00N	3	62	7	108	.1	24	15	697	3.61	9	5	ND	1	58	1	2	8	109	.64	.069	7	61	1.21	106	.13	2	1.62	.01	.06	1	19
NSE L20E 4+50N	4	117	23	91	.1	24	17	1053	3.99	8	5	ND	1	64	1	2	4	114	1.04	.171	8	80	1.27	72	.07	5	1.65	.01	.07	1	145
NSE L20E 4+00N	2	54	11	76	.1	32	18	693	4.49	14	5	ND	1	41	1	2	2	125	.45	.079	4	117	1.53	28	.12	4	1.47	.01	.07	1	13
NSE L20E 3+50N	1	62	19	83	.1	22	16	674	4.90	14	5	ND	1	40	1	2	3	119	.34	.128	7	59	1.14	37	.10	3	1.79	.01	.06	2	100
NSE L20E 3+00N	1	139	9	83	.3	35	21	818	3.29	11	7	ND	1	78	1	2	3	118	1.82	.118	6	94	1.48	73	.09	4	1.38	.01	.06	1	7
NSE L20E 2+50N	1	109	11	77	.2	35	19	685	3.64	15	5	ND	1	71	1	2	2	132	1.39	.126	6	98	1.48	62	.10	2	1.42	.01	.07	1	2
NSE L20E 2+00N	1	190	4	74	.2	32	21	861	3.08	13	6	ND	1	76	1	2	2	113	1.82	.133	8	91	1.31	65	.08	3	1.26	.01	.07	1	7
NSE L20E 1+50N	1	255	7	89	.1	35	27	1578	3.93	21	5	ND	1	72	1	2	2	182	1.55	.126	10	140	1.56	89	.08	2	1.74	.01	.07	1	4
NSE L20E 1+00N	1	112	13	104	2.7	36	22	890	4.29	20	5	6	1	64	1	3	2	143	1.23	.112	8	101	1.74	60	.12	4	1.63	.01	.09	1	3
NSE L20E 0+50N	1	320	9	72	.4	34	27	760	3.80	18	5	ND	1	56	1	2	2	124	1.13	.135	9	116	1.54	54	.11	3	1.42	.01	.08	1	3
NSE L20E BL	1	66	12	88	.1	67	22	468	4.09	9	5	ND	1	57	1	2	2	145	1.41	.079	6	148	2.34	64	.16	2	1.84	.02	.06	1	2
NSE L20E 0+50S	1	157	13	181	.4	38	20	4278	4.02	28	5	ND	1	55	1	2	4	179	1.02	.125	11	161	1.09	163	.05	3	2.19	.01	.04	1	4
NSE L20E 1+00S	1	26	10	71	.1	62	19	490	4.37	5	5	ND	1	27	1	3	2	126	.34	.068	5	124	1.90	37	.17	2	1.89	.02	.14	1	14
NSE L20E 1+50S	1	59	11	78	.1	42	18	592	4.46	8	5	ND	1	35	1	2	6	123	.32	.121	4	125	1.83	36	.12	3	1.80	.01	.04	2	5
NSE L20E 2+00S	1	27	21	45	.1	18	11	698	4.82	6	5	ND	1	30	1	2	2	144	.21	.111	6	96	.66	28	.19	2	1.07	.01	.04	2	3
NSE L20E 2+50S	1	41	13	83	.1	38	17	598	4.63	9	5	ND	1	32	1	2	3	132	.30	.091	8	120	1.62	44	.16	2	1.57	.01	.04	1	8
NSE L20E 3+00S	1	49	4	75	.2	47	21	816	5.80	9	5	ND	1	20	1	2	2	166	.20	.065	6	155	1.81	29	.16	2	1.55	.01	.04	1	7
NSE L20E 3+50S	1	48	5	129	.1	47	25	797	5.71	7	5	ND	1	28	1	2	2	146	.42	.123	5	152	2.21	38	.19	2	1.67	.01	.04	1	2
NSE L20E 4+00S	1	29	13	48	.1	31	13	717	4.85	8	5	ND	1	21	1	4	2	134	.17	.056	5	153	.88	40	.17	4	.83	.01	.04	1	10
NSE L20E 4+50S	1	54	5	96	.1	56	23	1245	4.93	12	5	ND	1	38	1	2	2	139	.53	.077	8	190	1.99	44	.12	2	1.33	.01	.02	1	16
NSE L20E 5+00S	1	35	14	103	.1	93	30	1383	6.15	6	5	ND	1	18	1	2	6	141	.22	.115	7	235	3.29	54	.12	4	1.91	.01	.02	1	3
NSE L20E 5+50S	1	11	13	113	.1	124	41	1181	7.30	8	5	ND	1	15	1	2	3	144	.28	.120	7	322	5.13	28	.12	5	2.58	.01	.01	1	1
NSE L20E 6+00S	1	62	13	92	.1	75	27	734	5.22	12	5	ND	1	30	1	2	2	132	.27	.116	11	184	2.70	44	.13	3	1.95	.01	.03	1	4
STD C/AU-0.5	20	61	36	138	7.0	75	29	1203	4.00	42	18	8	34	51	19	15	20	66	.48	.122	42	61	.88	187	.09	36	1.69	.07	.15	15	515

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 3-1-2 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: SOILS -80 MESH AU8 ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 29 1986 DATE REPORT MAILED: Aug 1/86 ASSAYER. D. Toye ...DEAN TOYE. CERTIFIED B.C. ASSAYER.

IMPERIAL METALS PROJECT - 6102 FILE # 86-1704

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
NSE 1E 6+00N	1	35	7	110	.3	11	12	1859	3.01	2	5	ND	1	61	1	2	4	77	.46	.074	2	23	.91	110	.13	2	1.46	.01	.12	1	10
NSE 1E 5+50N	1	78	24	238	.5	14	17	638	3.91	5	5	ND	1	54	1	2	3	96	.49	.139	2	31	1.58	62	.15	4	2.02	.01	.20	1	5
NSE 1E 5+00N	1	26	17	100	.6	8	12	3155	2.16	4	5	ND	1	56	1	2	3	61	.46	.072	2	25	.63	184	.13	2	.92	.01	.13	1	25
NSE 1E 4+50N	1	29	12	133	1.0	10	11	479	3.51	2	5	ND	1	43	1	2	2	95	.39	.096	2	31	.96	60	.20	2	1.49	.02	.14	1	23
NSE 1E 4+00N	1	21	13	133	.4	25	15	458	3.47	2	5	ND	1	41	1	2	2	80	.43	.088	2	65	1.81	62	.22	4	2.03	.02	.17	1	1
NSE 1E 3+50N	6	81	15	217	.7	26	21	1194	4.42	6	6	ND	1	80	1	2	3	131	.92	.083	2	79	1.54	87	.08	4	1.79	.01	.22	1	6
NSE 1E 3+00N	7	22	10	78	.2	8	8	373	2.42	6	5	ND	1	67	1	2	2	77	.78	.051	2	30	.58	56	.11	3	.80	.01	.14	2	5
NSE 1E 2+50N	1	98	14	190	.4	16	24	1132	5.52	23	5	ND	1	46	1	2	2	119	.48	.181	2	49	1.74	35	.11	2	2.32	.01	.13	2	5
NSE 1E 2+00N	1	77	43	193	.3	20	28	1132	6.47	9	5	ND	1	32	1	2	2	172	.47	.128	2	65	2.01	51	.17	2	2.24	.01	.64	1	5
NSE 1E 1+50N	1	20	6	110	.7	11	15	1012	5.07	12	6	ND	1	24	1	2	2	126	.32	.105	2	49	1.06	30	.15	3	1.47	.01	.05	1	5
NSE 1E 1+00N	1	25	11	144	.6	17	17	621	5.41	13	5	ND	1	20	1	2	2	128	.40	.081	2	61	1.31	22	.17	2	1.53	.01	.06	1	10
NSE 1E 0+50N	1	35	17	203	.7	22	21	773	5.94	21	7	ND	1	22	1	2	4	124	.33	.090	2	68	1.54	24	.14	2	2.34	.01	.06	1	7
NSE 2E 6+00N	1	48	12	200	.1	9	14	1101	4.27	4	5	ND	1	57	1	2	2	99	.41	.160	4	19	1.42	86	.17	3	2.17	.01	.15	1	5
NSE 2E 5+50N	2	26	12	436	.3	6	15	1243	5.74	12	5	ND	1	16	1	2	2	140	.42	.133	6	11	1.97	87	.13	2	2.58	.01	.61	1	2
NSE 2E 5+00N	1	16	15	199	.4	26	18	663	4.61	7	5	ND	1	47	1	2	2	110	.54	.111	2	65	1.39	63	.17	3	1.45	.01	.24	1	5
NSE 2E 4+50N	1	61	29	222	.3	29	21	738	5.81	15	5	ND	1	37	1	2	2	136	.49	.197	4	91	1.67	53	.15	3	2.20	.01	.21	1	9
NSE 2E 4+00N	3	91	28	186	.3	24	21	800	5.22	13	5	ND	1	71	1	2	2	125	.79	.116	3	67	1.44	39	.08	2	1.77	.01	.19	1	5
NSE 2E 3+50N	7	73	17	141	.3	19	18	895	4.07	7	6	ND	1	74	1	2	3	115	.93	.119	5	57	1.40	58	.09	2	1.55	.02	.23	1	16
NSE 2E 3+00N	5	41	11	81	.4	15	15	772	4.06	7	5	ND	1	59	1	2	2	105	.54	.045	4	54	.95	44	.12	4	1.25	.01	.09	3	15
NSE 2E 2+50N	1	42	3	112	.8	16	16	976	4.86	11	5	ND	1	34	1	2	3	109	.47	.119	4	48	1.05	48	.12	4	1.37	.01	.07	1	250
NSE 2E 2+00N	1	50	10	172	.4	23	21	582	5.73	29	5	ND	1	24	1	2	3	133	.63	.249	3	62	1.62	28	.15	2	2.07	.01	.12	1	12
NSE 2E 1+50N	2	20	12	170	.2	47	26	850	5.85	7	5	ND	1	28	1	2	2	140	.55	.112	4	132	2.14	40	.13	3	2.07	.01	.16	1	2
NSE 2E 1+00N	1	17	6	104	.3	14	15	633	5.82	9	5	ND	1	21	1	2	2	127	.40	.102	4	45	1.09	24	.19	2	1.61	.01	.05	2	2
NSE 2E 0+50N	1	36	9	107	.4	18	16	742	5.38	12	5	ND	1	29	1	2	2	118	.35	.174	3	60	1.20	30	.10	2	1.98	.01	.06	1	75
NSE 3E 6+00N	1	31	18	201	.3	7	12	639	4.28	5	5	ND	1	46	1	2	2	97	.36	.109	5	17	1.19	49	.11	4	1.85	.01	.12	1	46
NSE 3E 5+50N	1	18	12	345	.4	7	12	848	4.84	4	5	ND	1	38	1	2	2	112	.30	.152	4	18	1.58	56	.18	2	2.25	.01	.23	1	1
NSE 3E 5+00N	1	30	10	165	.9	10	10	375	3.60	4	5	ND	1	55	1	2	2	90	.34	.101	4	28	.85	40	.15	7	1.37	.01	.10	1	12
NSE 3E 4+50N	2	31	16	186	.5	20	17	502	5.20	10	5	ND	1	37	1	2	2	123	.47	.125	2	70	1.53	34	.15	2	1.86	.01	.15	1	1
NSE 3E 4+00N	2	41	17	139	.2	17	15	971	4.31	6	5	ND	1	45	1	2	2	106	.46	.071	3	62	1.02	59	.13	2	1.17	.01	.18	1	8
NSE 3E 3+50N	10	93	20	194	.9	17	17	1427	4.13	9	5	ND	1	88	1	2	2	111	.81	.091	4	55	1.30	65	.08	4	1.59	.02	.15	1	3
NSE 3E 3+00N	2	40	14	77	.7	13	12	383	4.60	12	5	ND	1	44	1	2	2	109	.33	.076	3	40	.73	60	.07	3	1.40	.01	.04	1	41
NSE 3E 2+50N	1	47	14	108	1.0	14	15	557	4.49	13	5	ND	1	36	1	2	2	102	.30	.082	2	43	.97	26	.11	4	1.70	.01	.08	1	21
NSE 3E 2+00N	1	28	12	115	.8	13	13	613	4.09	10	5	ND	1	31	1	2	2	100	.37	.146	2	41	1.05	34	.11	2	1.41	.01	.08	1	7
NSE 3E 1+50N	1	19	13	87	.2	12	12	397	5.11	10	5	ND	1	26	1	2	2	136	.30	.141	2	43	.96	45	.16	7	1.33	.01	.06	1	27
NSE 3E 1+00N	1	11	6	91	.6	13	12	541	4.47	5	5	ND	1	21	1	2	2	113	.26	.086	2	33	1.05	36	.17	2	1.51	.01	.07	1	7
NSE 3E 0+50N	1	19	13	139	.2	44	20	589	5.66	20	5	ND	1	18	1	2	2	124	.39	.152	2	136	2.04	26	.12	3	1.89	.01	.07	1	8
STD C/AU-0.5	20	58	37	131	6.9	68	29	1061	3.92	37	19	7	33	47	17	15	20	61	.48	.098	36	58	.88	174	.08	36	1.72	.06	.13	15	495

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
NSE 4E 6+00N	1	25	19	169	.1	8	9	363	3.36	5	5	ND	1	40	1	2	2	81	.33	.132	2	26	.80	39	.13	6	1.45	.02	.07	1	16
NSE 4E 5+50N	1	47	14	125	.1	17	16	1431	3.76	8	10	ND	3	215	1	2	2	57	12.34	.064	2	32	3.72	82	.03	2	.84	.01	.45	1	2
NSE 4E 5+00N	3	126	29	180	.3	22	24	1013	4.69	13	5	ND	1	65	1	2	2	114	.90	.137	3	63	1.60	66	.13	2	1.73	.02	.41	1	17
NSE 4E 4+50N	9	103	23	167	.3	18	18	790	3.74	11	5	ND	1	106	1	2	2	101	1.11	.121	2	52	1.34	44	.08	2	1.62	.02	.08	1	8
NSE 4E 4+00N	4	141	41	245	1.1	20	24	1228	4.86	13	5	ND	1	68	1	2	2	117	.84	.149	4	63	1.51	65	.12	3	1.73	.02	.37	1	14
NSE 4E 3+50N	13	101	25	180	.7	25	21	1595	4.39	9	5	ND	1	91	1	2	2	121	.86	.073	2	80	1.34	62	.09	5	1.73	.01	.10	1	2
NSE 4E 3+00N	5	61	14	89	.4	13	12	525	3.20	7	5	ND	1	101	1	2	2	89	.84	.039	2	35	.91	47	.11	2	1.29	.01	.07	1	35
NSE 4E 2+50N	15	185	16	177	1.1	18	20	2767	3.58	10	5	ND	1	102	1	2	2	86	.97	.095	8	46	1.20	113	.05	2	1.72	.01	.08	1	14
NSE 4E 2+00N	1	14	10	93	.6	7	10	443	4.36	7	5	ND	1	22	1	2	2	112	.25	.099	2	34	.71	33	.17	3	1.31	.01	.04	1	2
NSE 4E 1+50N	1	31	10	122	.3	16	15	958	4.55	17	5	ND	1	22	1	2	2	103	.39	.099	2	54	1.17	24	.13	2	1.50	.01	.06	1	5
NSE 4E 1+00N	1	36	10	100	.6	11	15	474	5.46	15	5	ND	1	27	1	2	2	133	.28	.109	2	44	1.08	28	.16	4	1.74	.01	.05	2	3
NSE 4E 0+50N	1	18	10	77	.8	8	10	565	4.18	11	5	ND	1	23	1	3	3	101	.30	.105	2	36	.75	27	.15	2	1.43	.01	.05	1	1
NSE 5E 6+00N	1	23	20	162	.3	8	10	504	3.61	3	5	ND	1	53	1	2	2	82	.44	.161	4	18	.95	40	.13	3	1.57	.01	.08	1	6
NSE 5E 5+50N	2	9	10	82	.2	9	9	551	3.06	3	5	ND	1	39	1	2	3	79	.39	.042	2	32	.61	75	.17	4	.80	.01	.16	1	1
NSE 5E 5+00N	11	162	16	253	.4	24	34	2707	7.25	7	5	ND	1	38	1	2	2	177	.86	.117	9	69	2.83	163	.16	2	2.86	.01	.86	1	5
NSE 5E 4+50N	13	69	25	228	.2	19	18	748	4.59	12	5	ND	1	61	1	2	2	121	.52	.079	5	59	1.58	58	.13	2	2.06	.02	.10	1	3
NSE 5E 4+00N	45	40	23	174	.2	15	18	2524	4.94	16	5	ND	1	65	2	2	2	116	.88	.132	4	35	1.11	79	.08	2	1.31	.01	.31	1	9
NSE 5E 3+50N	22	30	14	95	.3	12	10	389	3.24	7	5	ND	1	81	1	2	2	95	.80	.030	2	34	.80	44	.12	2	1.20	.01	.07	1	37
NSE 5E 3+00N	15	65	18	136	.6	15	16	565	3.77	8	5	ND	1	94	1	2	2	104	.73	.087	5	48	1.07	30	.07	2	1.58	.02	.07	1	14
NSE 5E 2+50N	21	123	14	120	.9	19	20	2098	3.93	10	5	ND	1	114	1	2	2	106	.98	.104	6	59	1.13	79	.05	2	1.53	.01	.09	1	58
NSE 5E 2+00N	4	77	8	118	.4	27	17	808	3.68	8	5	ND	1	100	1	2	2	88	.97	.067	3	64	1.38	68	.08	4	1.52	.01	.08	1	21
NSE 5E 1+50N	1	24	7	68	.1	9	9	279	4.46	10	5	ND	1	30	1	2	2	114	.36	.029	3	39	.63	32	.17	3	1.06	.01	.05	1	39
NSE 5E 1+00N	1	25	8	106	.5	12	15	523	6.01	14	5	ND	1	27	1	2	2	139	.32	.161	4	41	1.07	31	.13	2	1.39	.01	.06	2	20
NSE 5E 0+50N	1	23	12	95	.4	13	14	433	5.69	14	5	ND	1	26	1	2	2	141	.32	.109	2	47	1.06	25	.16	2	1.83	.01	.06	1	95
NSE 6E 6+00N	8	42	27	174	.2	15	14	846	4.31	5	5	ND	1	50	1	2	3	104	.49	.127	4	45	1.27	55	.14	2	1.82	.02	.11	1	9
NSE 6E 5+50N	12	85	20	208	.2	15	22	1392	4.87	7	5	ND	1	50	1	2	2	126	.88	.099	7	53	1.92	63	.15	2	2.12	.01	.24	1	2
NSE 6E 5+00N	14	81	21	217	.4	19	18	1204	4.26	7	5	ND	1	69	1	2	2	108	.93	.086	6	59	1.42	89	.12	3	1.83	.02	.15	1	50
NSE 6E 4+50N	13	56	22	159	.4	26	18	612	4.00	8	5	ND	1	72	1	2	2	104	.76	.077	6	78	1.45	61	.10	2	1.64	.02	.09	1	31
NSE 6E 4+00N	30	47	18	196	.2	19	20	1109	4.79	12	5	ND	1	67	1	2	2	123	.81	.093	7	60	1.93	78	.13	2	2.06	.01	.37	1	34
NSE 6E 3+50N	21	99	13	162	.6	19	19	965	4.78	9	5	ND	1	71	1	2	2	114	.71	.058	6	62	1.48	68	.12	2	2.03	.01	.15	1	15
NSE 6E 3+00N	19	56	17	157	.1	17	17	835	4.10	10	5	ND	1	71	1	2	2	106	.84	.099	5	51	1.37	43	.09	3	1.70	.01	.08	1	12
NSE 6E 2+50N	27	74	16	143	.3	18	21	3020	4.58	11	5	ND	1	79	1	2	2	96	.96	.120	7	51	1.16	60	.07	2	1.44	.01	.10	1	15
NSE 6E 1+50N	10	62	12	120	.2	16	16	908	4.04	10	5	ND	1	89	1	2	2	108	.82	.104	4	55	1.19	54	.07	3	1.53	.01	.07	1	12
NSE 6E 1+00N	1	27	7	87	.5	13	11	476	3.36	7	5	ND	1	52	1	2	2	87	.52	.064	5	32	1.15	35	.10	2	1.70	.01	.05	1	19
NSE 6E 0+50N	1	40	19	88	.5	14	13	551	4.87	10	5	ND	1	45	1	2	2	112	.34	.153	5	41	1.03	35	.12	3	1.68	.01	.05	1	60
NSE 6E 0+00N	1	30	12	97	.5	23	13	511	4.12	13	5	ND	1	31	1	2	2	99	.37	.100	3	68	1.11	26	.11	3	1.68	.01	.06	1	40
STD C/AU 0.5	20	56	36	128	6.9	64	29	1042	3.92	38	17	7	32	46	16	16	19	60	.48	.099	36	57	.88	171	.08	40	1.72	.06	.12	14	490

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
MSE 6E 0+50S	1	41	6	119	.5	40	18	524	5.30	14	5	ND	1	31	1	2	2	118	.40	.157	10	133	1.62	32	.13	4	2.21	.02	.06	2	8
MSE 6E 1+00S	1	44	14	110	.3	26	17	547	6.41	18	5	ND	1	35	1	2	2	159	.32	.158	11	98	1.52	31	.14	2	2.26	.01	.05	1	7
MSE 6E 1+50S	1	37	4	96	.4	41	17	413	3.94	6	5	ND	1	66	1	2	2	120	.92	.091	6	184	1.42	58	.18	4	1.47	.02	.13	1	1
MSE 6E 2+00S	2	145	13	117	.4	29	23	565	4.02	9	5	ND	1	77	1	2	2	110	1.03	.097	10	111	1.27	47	.08	2	1.61	.01	.06	1	1
MSE 6E 2+50S	1	41	4	96	.2	28	20	1124	4.02	11	5	ND	1	65	1	2	2	98	1.08	.138	7	85	1.73	66	.14	3	1.41	.03	.21	1	3
MSE 6E 3+00S	1	17	9	64	.5	14	11	370	4.00	4	5	ND	1	47	1	2	2	121	.39	.071	7	64	.99	31	.19	2	1.47	.01	.07	1	2
MSE 6E 3+50S	1	57	8	85	.8	19	17	658	4.24	9	5	ND	1	53	1	2	2	120	.60	.090	9	57	1.43	54	.13	2	1.70	.01	.09	1	7
MSE 6E 4+00S	1	50	9	74	.6	16	16	499	4.43	13	5	ND	1	49	1	2	3	114	.55	.128	9	61	1.30	31	.12	2	1.64	.01	.08	1	60
MSE 6E 4+50S	1	12	4	53	.4	15	11	254	3.05	5	5	ND	1	32	1	2	2	95	.36	.089	7	55	.93	26	.14	4	1.30	.01	.08	1	4
MSE 6E 6+00S	1	96	7	96	.8	24	22	794	3.43	15	5	ND	1	72	1	2	2	106	1.44	.137	7	111	2.09	47	.11	9	1.61	.01	.20	2	1
MSE 7E 6+00N	7	77	21	203	.8	13	20	1171	4.93	5	5	ND	1	56	1	2	2	152	.71	.057	7	47	1.25	102	.15	2	1.91	.01	.11	2	1
MSE 7E 5+50N	4	41	21	198	1.2	24	19	525	4.89	8	5	ND	1	56	1	2	2	129	.72	.109	9	77	1.29	60	.17	2	1.70	.02	.13	1	150
MSE 7E 5+00N	11	55	12	189	.6	13	18	1128	4.21	7	5	ND	1	66	1	2	2	110	.84	.093	9	52	1.15	67	.11	2	1.61	.02	.11	1	1
MSE 7E 4+50N	14	65	15	153	.5	23	17	650	3.33	8	5	ND	1	63	1	2	2	85	.95	.119	9	76	1.42	63	.13	16	1.55	.02	.27	1	1
MSE 7E 4+00N	11	32	14	112	.2	16	13	651	3.47	6	5	ND	1	59	1	2	2	107	.57	.053	8	58	.95	124	.15	3	1.36	.01	.08	1	1
MSE 7E 3+50N	17	61	7	109	.3	27	16	911	3.74	5	5	ND	1	82	1	2	3	105	.92	.062	8	71	1.35	89	.11	2	1.64	.01	.09	2	19
MSE 7E 3+00N	14	71	12	130	.4	31	20	898	4.15	12	5	ND	1	85	1	2	3	103	.86	.100	10	82	1.67	68	.10	3	1.87	.02	.09	1	10
MSE 7E 2+50N	35	43	7	95	.7	29	18	1940	5.24	11	5	ND	1	69	1	2	2	102	.66	.112	11	74	1.36	75	.07	2	1.78	.01	.08	1	20
MSE 7E 2+00N	4	33	7	77	.3	12	12	783	2.97	7	5	ND	1	57	1	2	2	85	.55	.112	7	28	1.01	37	.10	2	1.49	.02	.10	1	8
MSE 7E 1+50N	2	66	8	85	.6	12	14	493	4.82	13	5	ND	1	52	1	2	3	111	.40	.096	9	44	1.02	35	.09	2	1.93	.01	.05	1	10
MSE 7E 1+00N	8	46	11	132	.5	12	14	816	3.97	9	5	ND	1	77	1	2	3	119	.56	.061	9	42	.94	68	.12	3	1.51	.01	.07	2	11
MSE 7E 0+50N	2	81	11	123	.7	15	13	582	3.79	15	5	ND	1	73	1	2	2	120	1.01	.081	8	87	.94	53	.07	2	1.29	.01	.06	2	10
MSE 7E 0+00N	1	21	3	119	.5	18	17	879	5.22	11	5	ND	1	37	1	2	2	144	.43	.154	8	58	1.43	36	.15	2	1.77	.01	.07	1	2
MSE 7E 0+50S	1	43	14	157	.7	17	19	691	6.11	22	5	ND	1	26	1	2	2	148	.68	.217	10	60	1.47	32	.15	2	2.14	.01	.10	1	4
MSE 7E 1+00S	1	12	10	136	.4	55	19	497	5.03	11	5	ND	1	22	1	2	3	115	.46	.180	6	168	2.18	35	.15	2	2.14	.02	.08	1	26
MSE 7E 1+50S	1	65	8	76	.3	18	14	530	4.37	10	5	ND	1	48	1	2	2	106	.49	.103	8	59	1.02	33	.11	2	1.48	.01	.05	1	11
MSE 7E 2+00S	1	57	10	103	.3	22	20	921	4.90	15	5	ND	1	47	1	2	2	114	.77	.126	7	88	1.56	31	.13	2	1.37	.01	.26	1	14
MSE 7E 2+50S	1	48	9	84	.1	20	18	611	4.37	11	5	ND	1	59	1	2	3	111	.82	.145	7	59	1.45	43	.14	2	1.50	.01	.09	1	6
MSE 7E 3+00S	1	18	8	91	.4	15	13	572	3.67	4	5	ND	1	67	1	2	2	127	.83	.054	6	53	1.24	40	.22	2	1.47	.01	.09	1	1
MSE 7E 3+50S	3	83	12	96	.5	21	25	3332	5.14	24	5	ND	1	51	1	2	2	144	.58	.117	6	90	1.27	71	.07	4	1.86	.01	.08	1	7
MSE 7E 4+50S	1	53	7	97	.6	19	16	1066	3.53	8	5	ND	1	71	1	2	2	112	.80	.072	5	72	1.27	83	.11	4	1.59	.01	.09	1	8
MSE 7E 5+00S	1	74	2	99	.3	31	23	559	4.67	12	5	ND	1	57	1	2	2	121	.90	.111	6	97	1.88	29	.16	4	1.83	.01	.12	1	2
MSE 7E 5+50S	1	33	5	75	.6	17	15	863	3.57	3	5	ND	1	42	1	2	2	108	.47	.063	5	56	1.20	40	.15	2	1.54	.01	.06	2	2
MSE 7E 6+00S	1	23	5	112	.2	19	19	649	4.13	5	5	ND	1	51	1	2	2	117	.80	.081	4	63	2.02	28	.21	4	1.65	.01	.06	1	1
MSE 8E 6+00N	4	16	18	114	.6	13	13	431	3.88	5	5	ND	1	51	1	2	2	100	.62	.054	4	51	.69	78	.18	4	1.09	.02	.09	1	1
MSE 8E 5+50N	2	50	14	150	.3	20	16	511	4.83	14	5	ND	1	52	1	2	2	119	.63	.167	5	59	1.30	46	.15	2	1.66	.02	.19	1	1
STD C/AU 0.5	21	58	39	135	7.0	67	30	1086	3.94	40	18	8	34	48	18	15	18	63	.48	.107	36	61	.88	180	.08	38	1.72	.07	.14	15	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
NSE 8E 5+00N	5	106	20	116	.4	21	16	866	3.57	2	5	ND	1	59	1	2	2	109	1.16	.080	8	77	1.06	86	.09	3	1.60	.02	.09	2	5
NSE 8E 4+50N	25	60	21	140	.5	22	20	1911	4.56	5	5	ND	1	68	1	2	2	131	1.04	.100	5	80	1.38	71	.09	2	1.81	.01	.12	2	8
NSE 8E 4+00N	11	66	21	183	.4	19	17	797	4.43	6	5	ND	1	67	1	2	2	116	.76	.104	5	61	1.45	56	.14	2	1.90	.01	.12	1	4
NSE 8E 3+50N	7	55	19	145	.2	28	20	1069	4.63	13	5	ND	1	62	1	2	2	111	1.18	.126	2	79	1.67	44	.14	2	1.67	.02	.23	1	65
NSE 8E 3+00N	5	36	10	82	.7	39	16	430	4.95	12	5	ND	1	64	1	2	2	134	.60	.064	2	100	1.82	32	.15	2	1.88	.01	.06	1	23
NSE 8E 2+50N	4	34	11	52	.5	9	10	1201	3.64	3	5	ND	1	70	1	2	2	102	.66	.066	3	32	.66	64	.10	3	1.29	.01	.06	1	12
NSE 8E 2+00N	25	56	16	107	.2	12	15	1195	4.41	10	5	ND	1	93	1	2	2	93	.98	.120	3	45	1.13	52	.07	3	1.60	.01	.07	1	9
NSE 8E 1+50N	15	59	14	115	.3	14	16	725	4.09	13	5	ND	1	67	1	2	2	107	.73	.120	2	46	1.16	31	.08	2	1.73	.01	.07	1	15
NSE 8E 1+00N	1	33	14	117	.3	17	15	626	5.18	15	5	ND	1	41	1	2	2	139	.45	.213	2	51	1.39	28	.13	2	1.75	.01	.06	1	23
NSE 8E 0+50N	4	65	19	94	.7	16	16	681	5.49	15	6	ND	1	72	1	2	4	121	.92	.126	2	62	1.19	38	.09	2	1.64	.01	.07	1	170
NSE 8E 0+00N	2	43	11	125	.5	16	12	537	3.82	3	5	ND	1	54	1	2	2	97	.72	.085	2	60	1.20	52	.10	2	1.58	.01	.07	1	9
NSE 8E 0+50S	1	19	8	97	.6	21	16	491	5.86	19	5	ND	1	30	1	2	2	156	.45	.212	2	69	1.39	34	.15	2	1.86	.01	.07	1	24
NSE 8E 1+00S	1	80	7	108	.3	22	20	1003	5.02	9	6	ND	1	62	1	2	3	113	.95	.141	2	87	1.60	52	.12	5	1.39	.01	.31	1	38
NSE 8E 1+50S	5	47	16	79	.8	16	15	793	4.18	3	5	ND	1	39	1	2	3	126	.39	.089	2	51	.91	40	.10	2	1.48	.01	.06	1	14
NSE 8E 2+00S	1	26	8	56	.4	13	9	289	3.05	2	5	ND	1	51	1	2	2	88	.50	.075	2	45	.85	34	.12	2	1.37	.01	.05	1	16
NSE 8E 2+50S	1	25	6	65	.6	13	9	266	3.09	5	5	ND	1	62	1	2	2	95	.60	.031	2	41	.91	69	.15	2	1.52	.01	.05	3	34
NSE 8E 3+00S	1	39	16	73	.4	20	14	444	5.08	8	5	ND	1	52	1	2	2	119	.54	.122	2	69	1.29	31	.12	3	2.15	.01	.05	3	15
NSE 8E 4+00S	1	8	8	66	.2	65	19	374	6.40	2	5	ND	1	32	1	2	2	122	.43	.040	2	205	2.45	44	.21	5	1.99	.02	.19	1	8
NSE 8E 4+50S	1	27	7	101	.5	17	18	605	4.32	7	5	ND	1	28	1	2	2	111	.73	.118	2	44	1.77	26	.14	2	1.93	.01	.06	1	17
NSE 8E 5+00S	1	17	14	46	.3	13	10	375	4.86	9	5	ND	1	40	1	2	2	135	.38	.111	2	65	.76	18	.16	2	1.07	.01	.04	1	15
NSE 8E 5+50S	1	109	6	90	.5	26	23	584	4.46	11	5	ND	1	51	1	2	2	120	.79	.088	3	78	1.77	66	.15	2	1.97	.01	.11	1	17
NSE 8E 6+00S	1	64	4	100	.4	25	19	1009	4.55	9	5	ND	1	64	1	2	2	119	1.06	.124	3	74	1.78	45	.11	2	2.00	.01	.10	1	10
NSE 9E 6+00N	6	24	25	100	.8	11	13	1482	3.34	2	5	ND	1	55	1	2	2	99	.57	.067	4	44	.57	101	.13	2	1.33	.01	.08	1	4
NSE 9E 5+50N	6	86	21	183	.9	18	30	3345	4.40	2	5	ND	1	74	1	2	2	111	.97	.110	2	63	.98	166	.09	2	1.87	.02	.12	1	7
NSE 9E 4+50N	5	22	10	84	.5	11	10	340	4.01	6	5	ND	1	42	1	2	2	130	.39	.042	2	40	.81	64	.16	2	1.53	.01	.06	1	35
NSE 9E 4+00N	5	58	14	118	.3	42	21	1065	4.19	8	5	ND	1	56	1	2	2	105	1.04	.095	2	108	1.83	71	.10	3	1.86	.01	.11	1	47
NSE 9E 3+50N	8	62	11	134	.1	27	19	652	4.37	10	5	ND	1	51	1	2	2	113	.70	.077	2	88	1.54	42	.14	2	1.76	.01	.06	1	23
NSE 9E 3+00N	14	178	11	140	.8	22	23	946	4.91	14	5	ND	1	79	1	2	2	127	.91	.115	2	60	1.67	66	.12	2	2.21	.02	.19	2	12
NSE 9E 2+50N	17	39	8	125	.3	14	17	994	4.64	13	5	ND	1	63	1	2	2	115	.80	.081	2	47	1.23	48	.13	2	1.60	.01	.08	1	67
NSE 9E 2+00N	3	37	8	88	.4	15	14	618	4.00	11	5	ND	1	56	1	2	2	107	.63	.098	2	42	1.17	31	.12	2	1.52	.01	.07	1	42
NSE 9E 1+50N	13	94	13	122	.3	17	18	859	4.32	13	6	ND	1	87	1	2	3	111	.82	.144	4	58	1.33	42	.08	2	1.98	.01	.06	1	16
NSE 9E 1+00N	1	46	11	87	.6	15	13	562	4.92	10	5	ND	1	48	1	2	3	129	.40	.120	2	50	1.17	42	.12	2	1.89	.01	.07	1	46
NSE 9E 0+50N	1	17	7	48	.1	9	6	300	2.39	2	5	ND	1	40	1	2	2	76	.47	.041	2	32	.44	38	.14	2	.79	.01	.07	1	10
NSE 9E 0+00N	1	33	5	94	.2	28	21	585	4.57	7	5	ND	1	36	1	2	2	130	.76	.116	3	88	2.12	44	.22	2	1.71	.02	.26	1	2
NSE 9E 0+50S	1	32	9	109	.4	22	16	498	5.19	15	5	ND	1	41	1	2	2	144	.50	.144	2	76	1.47	40	.15	2	1.67	.01	.07	1	5
NSE 9E 1+00S	3	233	10	100	.7	29	24	875	4.16	9	5	ND	1	83	1	2	2	107	1.28	.147	6	82	1.67	99	.07	2	1.96	.01	.10	1	11
STD C/AU-0.5	21	60	36	137	7.0	70	29	1111	3.92	38	18	8	34	49	17	15	20	64	.50	.111	40	61	.90	180	.08	38	1.81	.07	.14	15	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
NSE 9E 1+50S	2	38	5	100	.2	20	18	754	4.21	9	5	ND	1	70	1	2	2	119	1.11	.064	2	69	1.60	76	.17	2	1.66	.01	.09	1	10
NSE 9E 2+00S	1	35	9	86	.1	19	14	456	4.56	11	5	ND	1	71	1	2	2	126	.67	.109	2	61	1.36	54	.13	3	1.81	.01	.07	2	21
NSE 9E 2+50S	2	165	13	88	.4	30	21	538	4.49	9	5	ND	1	83	1	2	2	116	1.14	.103	2	80	1.76	82	.13	5	2.15	.01	.09	1	11
NSE 9E 3+00S	3	181	9	78	.5	53	25	774	4.27	8	8	ND	1	84	1	2	2	111	1.46	.129	2	153	2.20	120	.10	4	2.03	.02	.16	2	50
NSE 9E 3+50S	1	25	8	113	.2	64	22	630	4.59	5	5	ND	1	65	1	2	2	113	1.07	.082	2	191	2.60	96	.16	2	2.07	.02	.13	1	8
NSE 9E 4+00S	1	33	5	91	.5	28	16	440	4.22	8	5	ND	1	59	1	2	2	109	.85	.068	2	90	1.50	56	.16	3	1.68	.01	.07	1	6
NSE 9E 4+50S	1	43	7	95	1.1	20	15	471	4.16	9	5	ND	1	43	1	3	2	113	.48	.091	2	69	1.41	33	.14	2	1.95	.01	.08	1	7
NSE 9E 5+00S	1	56	10	83	.2	24	16	482	4.57	13	5	ND	1	54	1	2	2	114	.62	.138	2	73	1.42	39	.12	2	1.86	.01	.07	1	7
NSE 9E 5+50S	1	52	4	90	.5	44	22	833	4.65	7	5	ND	1	48	1	2	2	119	.51	.069	2	132	2.11	46	.19	2	1.96	.01	.09	1	5
NSE 9E 6+00S	1	27	12	84	.4	21	17	453	5.51	15	5	ND	1	50	1	2	2	148	.50	.173	2	76	1.52	45	.15	2	1.83	.01	.07	1	18
NSE 10E 6+00N	1	16	11	97	.5	9	11	394	3.26	4	5	ND	1	48	1	2	2	95	.47	.058	2	41	.78	54	.20	3	1.17	.02	.09	1	1
NSE 10E 5+50N	4	53	12	80	.6	40	18	379	3.68	8	5	ND	1	87	1	3	2	108	1.00	.032	2	115	1.69	64	.20	2	1.52	.03	.11	1	10
NSE 10E 5+00N	4	60	10	98	.5	23	15	568	3.89	11	5	ND	1	69	1	2	2	105	1.02	.084	2	78	1.27	85	.11	2	1.57	.02	.12	1	12
NSE 10E 4+50N	4	97	13	127	.9	26	19	1028	3.81	6	7	ND	1	75	1	2	2	101	1.42	.076	2	71	1.40	119	.10	2	1.73	.02	.11	1	19
NSE 10E 4+00N	5	130	16	128	1.2	25	18	892	3.91	12	6	ND	1	62	1	2	2	101	1.08	.065	2	83	1.27	96	.12	4	1.61	.01	.09	1	9
NSE 10E 3+50N	1	25	8	51	.7	6	7	302	2.75	6	5	ND	1	45	1	2	2	97	.32	.048	2	33	.51	43	.12	2	1.49	.01	.05	1	11
NSE 10E 3+00N	1	63	13	100	.8	14	14	588	5.22	14	5	ND	1	49	1	3	2	128	.41	.167	2	45	1.12	45	.11	3	2.53	.01	.06	1	13
NSE 10E 2+50N	1	44	16	100	.3	14	14	568	5.15	19	5	ND	1	65	1	2	2	154	.47	.107	2	46	1.15	58	.14	2	1.82	.01	.06	1	15
NSE 10E 2+00N	1	46	12	121	.4	14	18	820	5.76	17	5	ND	1	50	1	2	2	137	.47	.153	2	39	1.61	40	.16	3	2.77	.01	.07	1	14
NSE 10E 1+50N	2	48	10	58	.5	13	11	372	3.80	10	5	ND	1	55	1	2	2	101	.49	.077	2	52	.91	37	.10	2	1.52	.01	.05	1	14
NSE 10E 1+00N	1	24	13	60	.5	33	16	694	4.44	7	5	ND	1	40	1	2	2	116	.45	.087	2	157	1.30	49	.09	3	1.35	.02	.14	1	4
NSE 10E 0+50N	1	107	9	85	.3	19	21	1048	5.02	19	6	ND	1	58	1	2	2	122	.81	.146	2	80	1.46	35	.13	2	1.60	.01	.17	1	34
NSE 10E 0+00N	1	45	16	83	.5	22	14	602	3.78	6	5	ND	1	55	1	2	2	104	.63	.057	3	74	1.19	58	.14	2	1.74	.01	.06	1	10
NSE 10E 0+50S	2	118	9	116	.6	27	22	1294	4.57	12	5	ND	1	66	1	2	2	119	.71	.126	2	87	1.52	91	.09	5	2.09	.01	.07	1	8
NSE 10E 1+00S	1	28	11	72	.3	17	14	491	3.68	11	5	ND	1	66	1	3	2	111	.66	.081	2	59	1.41	35	.17	3	1.63	.01	.06	1	34
NSE 10E 1+50S	1	40	12	71	.6	17	13	350	3.37	6	5	ND	1	65	1	2	2	101	.59	.069	2	59	1.17	45	.14	4	1.87	.01	.06	1	9
NSE 10E 2+00S	1	27	9	85	.5	20	14	477	3.50	8	5	ND	1	65	1	2	2	104	.66	.083	3	65	1.49	40	.15	3	1.72	.01	.07	1	8
NSE 10E 2+50S	2	65	7	82	.8	30	19	487	3.79	8	5	ND	1	75	1	2	2	99	.89	.091	2	92	1.61	61	.10	4	1.78	.02	.07	2	4
NSE 10E 3+50S	5	535	7	80	.3	28	36	982	5.20	13	7	ND	1	84	1	2	2	112	1.03	.137	7	76	1.59	85	.12	7	1.80	.01	.14	1	10
NSE 10E 4+00S	2	332	7	77	.2	23	25	789	3.90	18	5	ND	1	96	1	2	2	103	1.08	.114	4	61	1.42	82	.10	2	1.76	.01	.12	1	15
NSE 10E 4+50S	1	36	4	52	.2	10	10	393	4.65	10	5	ND	1	56	1	3	2	122	.38	.080	2	54	.60	47	.11	2	1.66	.01	.04	1	8
NSE 10E 5+00S	1	37	15	71	.1	20	15	473	5.58	8	5	ND	1	52	1	2	2	139	.37	.050	3	92	1.17	35	.16	2	2.24	.01	.05	1	18
NSE 10E 5+50S	1	22	10	55	.1	11	13	1573	4.93	7	5	ND	1	41	1	2	2	127	.30	.121	3	50	.73	45	.11	3	1.43	.01	.05	1	13
NSE 10E 6+00S	1	13	10	61	.2	20	12	494	4.48	8	5	ND	1	35	1	2	2	126	.34	.061	4	97	1.14	29	.20	2	1.38	.01	.06	1	9
NSE 11E 6+00N	11	211	12	93	1.7	17	20	1406	3.42	9	11	ND	1	125	1	2	2	129	1.91	.113	8	128	.93	160	.06	6	1.38	.02	.13	1	6
NSE 11E 5+50N	13	63	7	93	.6	18	15	591	3.99	11	5	ND	1	94	1	2	2	111	1.05	.087	5	65	1.22	96	.11	4	1.65	.02	.09	1	9
STD C/AU-0.5	21	60	37	133	7.0	69	30	1079	3.93	42	18	8	34	48	17	16	21	62	.48	.104	36	59	.88	176	.08	37	1.73	.06	.14	15	490

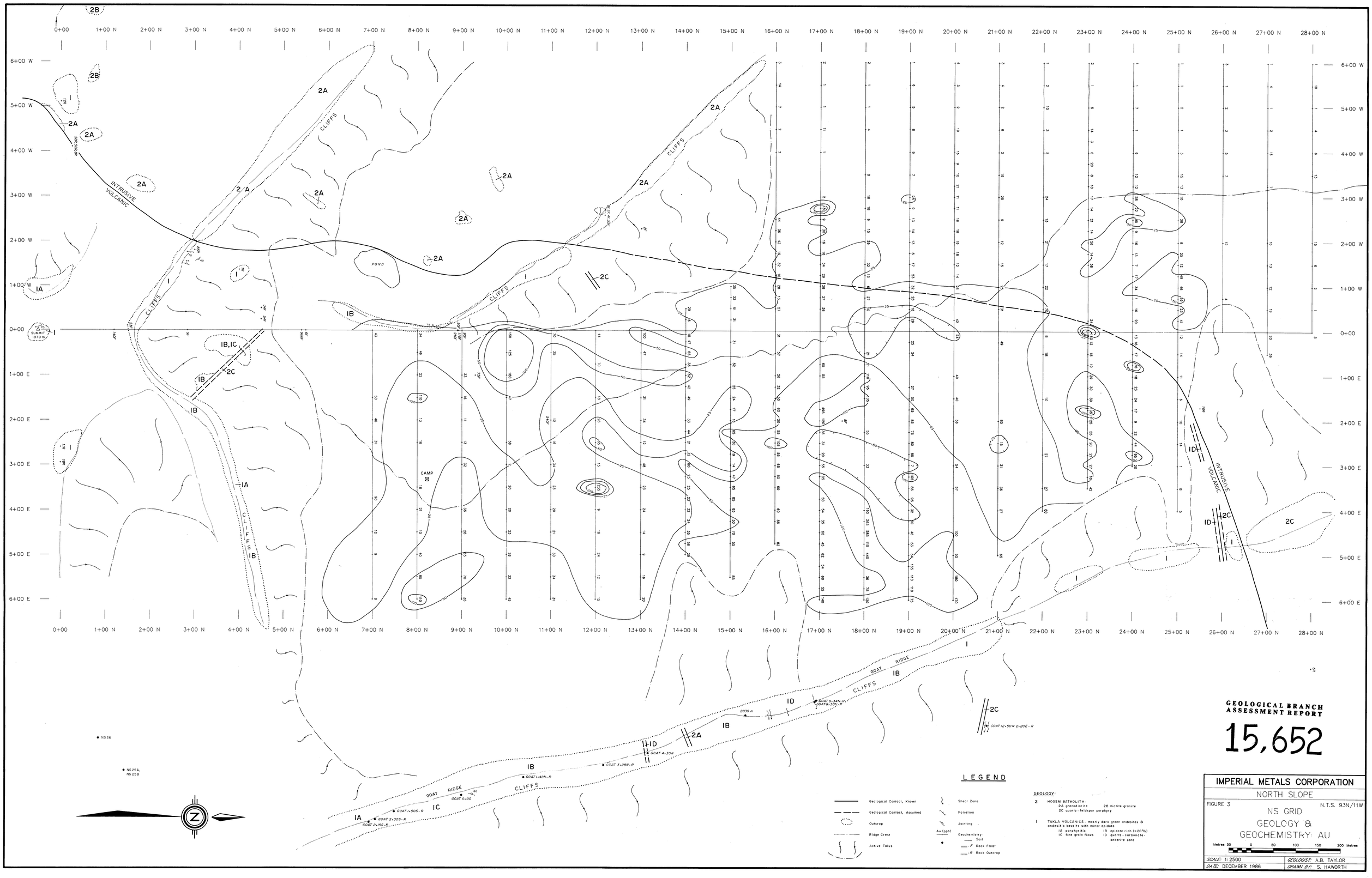
SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
NSE 11E 5+00N	7	53	10	91	.3	30	20	845	3.78	8	5	ND	1	72	1	2	2	88	1.08	.124	4	87	1.62	70	.10	2	1.48	.01	.29	1	10
NSE 11E 4+50N	3	92	9	98	.1	27	19	579	3.90	8	5	ND	1	53	1	2	2	94	.82	.063	5	94	1.47	91	.11	2	1.46	.01	.07	1	22
NSE 11E 4+00N	5	139	12	87	1.0	25	21	660	3.63	7	5	ND	1	60	1	2	2	93	.90	.069	4	86	1.31	98	.08	2	1.44	.01	.08	1	11
NSE 11E 3+50N	2	33	9	84	.3	14	13	513	3.67	11	5	ND	1	32	1	2	2	116	.44	.056	3	42	1.10	41	.14	4	1.23	.01	.06	2	4
NSE 11E 3+00N	3	34	15	73	.2	16	12	421	4.90	12	5	ND	1	45	1	2	2	135	.45	.144	5	46	1.03	48	.10	2	1.47	.01	.05	1	11
NSE 11E 2+50N	1	31	14	67	.4	15	13	460	4.65	11	5	ND	1	38	1	2	2	112	.28	.112	3	49	.97	34	.11	2	1.62	.01	.04	1	13
NSE 11E 1+50N	1	74	6	76	.2	18	18	680	4.49	12	5	ND	1	37	1	2	2	104	.37	.104	6	53	1.16	31	.10	6	1.96	.01	.06	1	16
NSE 11E 1+00N	1	54	11	69	.5	13	14	527	4.29	10	5	ND	1	38	1	2	2	103	.31	.136	3	44	1.06	30	.09	4	1.71	.01	.05	1	55
NSE 11E 0+50N	1	44	9	54	.2	18	11	362	3.20	6	5	ND	1	43	1	2	2	89	.50	.067	4	58	.93	41	.10	3	1.30	.01	.05	1	8
NSE 11E 0+00N	1	20	9	65	.4	19	13	399	4.19	4	5	ND	1	35	1	2	2	125	.36	.095	4	63	1.22	51	.16	2	1.44	.01	.06	2	7
NSE 11E 0+50S	1	48	8	60	.1	25	16	417	4.04	5	5	ND	1	46	1	2	2	102	.63	.070	3	86	1.40	47	.13	2	1.48	.01	.05	1	9
NSE 11E 1+00S	2	170	7	83	.3	35	25	849	4.29	9	5	ND	1	58	1	2	2	102	.89	.112	5	98	1.77	76	.09	2	1.86	.01	.10	1	10
NSE 11E 1+50S	2	198	13	84	.1	44	27	992	4.14	7	5	ND	1	60	1	2	2	106	.97	.116	6	112	1.89	79	.09	3	1.98	.01	.08	1	31
NSE 11E 2+00S	2	109	12	77	.1	34	23	1071	4.67	3	5	ND	1	45	1	2	2	112	.67	.101	5	106	1.77	57	.11	4	1.81	.01	.05	1	6
NSE 11E 2+50S	1	100	4	68	.1	45	24	650	4.41	6	5	ND	1	34	1	2	2	112	.71	.097	4	137	2.11	63	.13	3	1.83	.01	.27	1	15
NSE 11E 3+00S	2	155	8	63	.1	38	25	966	4.01	4	5	ND	1	56	1	2	2	97	.86	.100	4	112	1.78	72	.09	5	1.73	.01	.13	1	9
NSE 11E 3+50S	1	27	5	44	.2	14	11	294	3.94	9	5	ND	1	57	1	2	2	119	.32	.058	3	64	.80	53	.11	2	1.26	.01	.04	1	9
NSE 11E 4+00S	1	23	9	39	.2	6	8	498	3.24	7	5	ND	1	61	1	2	3	89	.28	.073	3	33	.55	48	.10	5	1.22	.01	.03	1	15
NSE 11E 4+50S	1	50	10	53	.4	19	15	705	4.72	6	5	ND	1	43	1	2	2	107	.25	.073	3	103	.86	49	.11	4	1.62	.01	.04	1	11
NSE 11E 5+00S	1	25	10	58	.1	20	16	953	5.39	8	5	ND	1	31	1	2	2	128	.26	.097	2	86	1.03	29	.13	3	1.48	.01	.04	1	10
NSE 11E 5+50S	1	37	13	57	.1	35	29	4121	4.75	2	5	ND	1	19	1	2	2	143	.21	.129	2	166	1.19	52	.14	2	1.37	.01	.07	1	3
NSE 11E 6+00S	1	33	7	41	.1	33	14	410	3.79	2	5	ND	1	18	1	2	2	108	.20	.055	2	145	1.20	24	.12	3	1.27	.01	.04	1	6
NSE 12E 6+00N	3	102	14	126	.1	29	21	738	4.40	9	5	ND	1	43	1	2	2	111	.42	.072	5	89	1.32	40	.12	6	1.48	.01	.09	1	9
NSE 12E 5+50N	10	28	11	91	.1	21	15	686	4.21	10	5	ND	1	43	1	2	2	108	.49	.103	3	70	1.22	76	.11	4	1.37	.01	.07	1	10
NSE 12E 5+00N	5	67	10	79	.4	25	17	1328	3.99	11	5	ND	1	58	1	2	2	85	.90	.108	4	95	1.19	80	.09	2	1.11	.01	.19	1	12
NSE 12E 4+50N	4	56	9	91	.1	26	15	537	3.42	4	5	ND	1	61	1	2	2	84	.75	.046	3	95	1.31	74	.12	5	1.40	.01	.07	1	5
NSE 12E 4+00N	10	59	10	83	.1	25	15	474	3.79	7	5	ND	1	63	1	2	2	96	.65	.062	3	80	1.23	36	.08	3	1.43	.01	.05	1	10
NSE 12E 3+50N	1	35	13	76	.4	10	12	479	4.99	12	5	ND	1	46	1	2	2	128	.29	.075	4	43	.86	52	.11	2	1.41	.01	.04	1	27
NSE 12E 3+00N	1	116	12	91	.3	18	20	652	5.18	16	5	ND	1	47	1	2	2	113	.39	.181	2	51	1.41	36	.10	6	2.46	.01	.07	1	44
NSE 12E 2+50N	1	59	3	63	.2	25	18	670	3.96	9	5	ND	1	49	1	2	2	92	.67	.124	4	101	1.48	44	.09	3	1.42	.01	.08	1	30
NSE 12E 2+00N	1	34	12	80	.2	17	12	526	5.25	14	5	ND	1	31	1	2	2	117	.34	.219	2	49	1.03	31	.08	2	1.82	.01	.05	1	15
NSE 12E 1+50N	1	55	9	78	.4	17	14	536	4.74	10	5	ND	1	33	1	2	2	113	.34	.125	4	50	1.17	31	.13	2	1.98	.01	.06	1	24
NSE 12E 1+00N	1	22	7	86	.1	35	19	433	5.56	9	5	ND	1	28	1	2	2	161	.29	.104	2	105	1.79	31	.17	2	1.87	.01	.09	1	3
NSE 12E 0+50N	1	134	7	95	.1	30	22	725	4.20	5	5	ND	1	56	1	2	2	107	.78	.081	4	82	1.64	71	.09	4	1.99	.01	.08	1	19
NSE 12E 0+00N	1	91	2	63	.1	35	20	514	4.17	5	5	ND	1	39	1	2	2	115	.64	.086	3	129	1.61	46	.11	5	1.53	.01	.09	1	21
NSE 12E 0+50S	3	149	4	68	.1	42	26	1954	4.17	4	5	ND	1	56	1	2	2	105	.91	.112	4	119	1.78	69	.09	2	1.70	.01	.07	1	9
STD C/AU 0.5	20	57	40	131	6.8	66	30	1068	3.93	38	17	7	33	47	17	15	20	62	.48	.103	36	58	.88	176	.08	36	1.72	.06	.13	14	495

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	Aut PPB
NSE 12E 1+00S	3	256	13	75	.2	28	23	702	3.84	10	5	ND	1	81	1	2	3	100	1.07	.105	4	89	1.45	50	.09	2	1.64	.01	.09	4	14
NSE 12E 1+50S	24	1086	11	86	1.0	67	18	5701	3.84	14	5	ND	1	100	1	2	3	107	1.89	.162	11	115	1.12	319	.04	2	1.93	.01	.10	2	32
NSE 12E 2+00S	4	320	7	76	.4	31	28	990	3.89	9	5	ND	1	79	1	2	3	105	1.12	.115	4	101	1.57	64	.08	2	1.65	.01	.16	1	15
NSE 12E 2+50S	2	91	8	94	.1	52	25	490	6.03	8	5	ND	1	40	1	2	2	163	.48	.056	2	197	2.02	49	.21	2	2.07	.01	.15	2	11
NSE 12E 3+00S	3	51	19	89	.2	51	27	665	5.74	4	5	ND	1	33	1	2	4	147	.40	.047	2	180	2.11	55	.21	4	2.11	.02	.08	1	21
NSE 12E 3+50S	1	57	11	76	.1	25	18	546	5.16	13	5	ND	1	54	1	2	3	136	.41	.118	3	103	1.46	40	.13	2	1.77	.01	.06	1	27
NSE 12E 4+00S	1	50	10	73	.1	39	20	515	5.18	6	5	ND	1	35	1	2	3	136	.41	.126	2	137	1.87	40	.14	5	2.14	.02	.11	1	10
NSE 12E 4+50S	2	71	3	84	.1	51	27	684	6.21	6	5	ND	1	35	1	2	3	148	.48	.130	2	186	2.42	51	.18	2	2.51	.02	.25	1	1
NSE 12E 5+00S	1	66	10	78	.1	30	20	536	6.41	12	5	ND	1	36	1	2	2	165	.33	.128	2	128	1.54	35	.14	2	2.09	.02	.07	3	1
NSE 12E 5+50S	1	65	8	108	.1	35	22	724	5.98	11	5	ND	1	32	1	2	2	144	.30	.051	2	126	1.72	51	.14	3	2.07	.01	.06	1	1
NSE 12E 6+00S	1	64	2	84	.1	58	31	679	6.30	5	5	ND	1	24	1	2	2	145	.61	.110	2	174	3.56	80	.26	2	2.62	.02	.59	1	2
NSE 13E 6+00N	2	76	12	85	.3	18	13	479	2.48	7	5	ND	1	66	1	2	4	85	.91	.135	6	65	.99	42	.12	2	1.22	.02	.18	1	27
NSE 13E 5+50N	2	50	12	144	.3	22	16	486	4.34	11	5	ND	1	42	1	2	3	110	.65	.091	2	71	1.35	52	.17	2	1.70	.02	.08	1	36
NSE 13E 5+00N	3	101	22	140	.1	30	22	869	4.85	9	5	ND	1	53	1	2	2	123	.59	.098	4	102	1.56	60	.14	2	1.69	.02	.10	1	7
NSE 13E 4+50N	5	115	17	136	.3	23	20	625	4.33	9	5	ND	1	58	1	2	3	116	.65	.081	2	76	1.30	49	.13	4	1.65	.02	.08	1	10
NSE 13E 3+00N	1	154	10	99	.2	15	24	1473	5.34	21	5	ND	1	65	1	2	2	118	.57	.160	4	45	1.30	61	.09	4	2.11	.01	.10	1	55
NSE 13E 2+50N	1	49	6	85	.3	16	16	582	6.13	20	5	ND	1	41	1	2	2	134	.41	.253	2	51	1.12	44	.10	3	2.14	.01	.07	1	9
NSE 13E 2+00N	1	50	11	74	.2	14	13	394	4.86	12	5	ND	1	49	1	2	2	129	.42	.048	2	65	.99	34	.17	7	1.62	.01	.06	1	38
NSE 13E 0+50N	2	157	5	94	.1	48	28	1077	4.73	9	5	ND	1	61	1	2	2	125	1.06	.108	4	143	2.21	78	.12	4	2.13	.02	.13	1	15
NSE 13E 0+00N	2	183	2	88	.7	33	23	1020	3.75	8	5	ND	1	114	1	2	2	90	1.64	.122	4	93	1.57	93	.06	2	1.85	.01	.10	3	8
NSE 13E 0+50S	2	225	5	81	.8	38	23	905	3.81	9	5	ND	1	118	1	2	2	101	1.62	.117	4	106	1.72	105	.07	6	1.83	.01	.15	1	10
NSE 13E 1+00S	2	434	7	95	.8	56	35	774	3.85	7	5	ND	1	112	1	2	2	122	1.48	.129	8	149	2.17	106	.08	3	2.32	.02	.26	2	13
NSE 13E 1+50S	1	47	11	63	.2	23	14	414	5.37	8	5	ND	1	54	1	2	2	155	.47	.082	2	94	1.02	51	.16	5	1.29	.01	.07	1	14
NSE 13E 2+00S	1	22	4	69	.2	42	17	596	4.79	4	5	ND	1	38	1	2	2	145	.41	.055	2	154	1.56	46	.22	3	1.51	.02	.07	1	8
NSE 13E 2+50S	2	36	6	89	.1	38	19	754	4.07	4	5	ND	1	51	1	2	2	115	.83	.087	2	119	1.88	61	.16	2	1.70	.02	.14	1	1
NSE 13E 3+00S	2	100	7	92	.1	38	23	784	4.76	12	5	ND	1	80	1	2	2	118	1.05	.130	4	113	1.99	57	.13	10	1.91	.02	.21	1	22
NSE 13E 3+50S	1	47	15	77	.1	16	16	612	6.01	25	5	ND	1	77	1	2	2	135	.46	.121	2	58	1.22	50	.11	3	1.99	.01	.05	1	27
NSE 13E 4+00S	1	29	6	71	.5	40	17	483	4.98	6	5	ND	1	35	1	2	4	136	.36	.058	3	153	1.70	38	.19	2	2.17	.02	.09	1	6
NSE 13E 4+50S	1	70	2	70	.1	39	22	1170	4.94	5	5	ND	1	35	1	2	2	130	.42	.094	3	147	1.84	43	.16	4	2.03	.02	.11	1	2
NSE 13E 5+00S	1	28	2	70	.1	44	19	1484	5.06	8	5	ND	1	30	1	2	2	135	.36	.070	2	156	1.80	50	.19	4	2.00	.03	.10	1	3
NSE 13E 5+50S	1	19	7	72	.1	58	20	796	4.87	2	5	ND	1	15	1	2	2	134	.23	.053	2	194	2.19	40	.22	3	2.19	.02	.09	1	6
NSE 13E 6+00S	1	59	6	78	.2	21	18	1334	4.46	8	5	ND	1	48	1	2	2	118	.77	.075	3	103	.97	77	.10	4	1.38	.01	.07	1	23
NSE 14E 6+00N	1	57	17	138	.3	29	18	544	5.41	12	5	ND	1	32	1	2	2	125	.41	.219	3	93	1.33	37	.13	4	2.14	.02	.06	1	4
NSE 14E 5+50N	1	18	8	96	.2	8	8	300	2.63	2	5	ND	1	52	1	2	2	80	.38	.062	2	19	.73	36	.15	2	1.56	.01	.06	1	6
NSE 14E 5+00N	1	74	8	112	1.4	26	16	618	3.40	7	5	ND	1	60	1	2	2	91	.97	.058	2	78	1.31	67	.14	3	1.43	.02	.07	1	12
NSE 14E 4+00N	10	124	12	116	.7	25	18	506	2.61	10	5	ND	1	61	1	2	2	116	.89	.125	5	75	1.26	48	.11	2	1.44	.02	.15	1	9
STD C/AU-0.5	21	60	38	133	6.9	65	30	1076	3.94	39	19	8	33	47	17	15	21	62	.48	.102	36	58	.88	175	.08	37	1.73	.06	.13	15	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
NSE 14E 3+50N	5	82	13	87	.1	16	16	617	3.80	10	5	ND	1	52	1	3	3	103	.56	.079	5	64	.96	36	.11	2	1.62	.01	.05	2	30
NSE 14E 3+00N	1	43	9	75	.1	19	15	1102	4.09	10	5	ND	1	46	1	2	2	107	.41	.130	4	57	.99	74	.09	2	1.30	.01	.06	1	35
NSE 14E 2+50N	1	110	9	102	.1	33	23	864	4.45	11	5	ND	1	61	1	2	2	113	.97	.126	4	99	1.91	61	.12	3	1.89	.01	.14	1	13
NSE 14E 2+00N	2	51	10	117	.1	33	19	477	4.75	7	5	ND	1	46	1	2	2	136	.52	.045	4	99	1.62	68	.20	2	1.80	.02	.06	1	33
NSE 14E 1+50N	1	37	2	83	.1	29	18	451	4.22	6	5	ND	1	48	1	2	2	115	.52	.070	4	99	1.54	43	.15	2	1.64	.02	.07	1	13
NSE 14E 1+00N	2	181	5	92	.2	44	30	980	4.82	11	5	ND	1	69	1	2	2	131	.97	.113	5	137	2.18	81	.12	3	2.20	.01	.09	1	12
NSE 14E 0+50N	1	201	2	84	.1	32	27	765	4.52	12	5	ND	1	73	1	2	2	113	.81	.118	6	106	1.57	57	.12	2	1.79	.01	.11	1	26
NSE 14E 0+00N	1	149	5	78	.1	29	22	621	4.08	7	5	ND	1	73	1	2	2	105	.93	.110	4	87	1.55	46	.13	2	1.53	.01	.12	1	60
NSE 14E 0+50S	1	162	7	91	.2	44	28	730	4.41	9	5	ND	1	76	1	2	2	114	1.10	.122	5	124	2.15	62	.11	4	1.86	.01	.18	1	35
NSE 14E 1+00S	1	59	9	96	.1	47	23	501	5.61	8	5	ND	1	35	1	2	2	143	.41	.071	4	154	1.89	45	.16	2	1.95	.02	.06	1	6
NSE 14E 1+50S	1	17	5	81	.1	48	21	573	5.36	8	5	ND	1	28	1	2	2	157	.43	.160	2	162	2.00	75	.15	4	1.65	.02	.15	1	4
NSE 14E 2+00S	3	40	2	117	.3	49	25	734	4.70	9	5	ND	1	59	1	3	2	126	1.04	.056	3	165	1.84	37	.12	2	1.70	.01	.05	3	45
NSE 14E 2+50S	2	139	4	118	.4	41	25	1146	4.45	15	5	ND	1	76	1	2	2	143	1.11	.100	5	150	1.88	49	.09	3	1.78	.01	.08	1	15
NSE 14E 3+00S	2	478	10	74	.4	33	32	930	4.15	12	6	ND	1	86	1	2	3	124	1.25	.136	6	118	1.45	45	.08	2	1.53	.01	.09	1	40
NSE 14E 3+50S	1	108	5	105	.3	31	21	411	4.54	16	5	ND	1	66	1	2	2	139	1.06	.058	3	119	1.58	47	.12	2	1.60	.01	.07	1	1
NSE 14E 4+00S	1	48	4	99	.2	47	21	478	5.11	9	5	ND	1	68	1	2	2	115	1.10	.079	3	146	2.17	53	.14	2	2.18	.02	.09	1	3
NSE 14E 4+50S	1	65	2	91	.3	34	22	728	4.44	14	5	ND	1	56	1	3	3	114	.67	.081	3	99	1.77	50	.12	4	1.81	.01	.11	1	9
NSE 14E 5+00S	1	36	7	73	.1	43	20	570	5.36	13	5	ND	1	35	1	2	2	140	.44	.148	3	150	1.86	46	.14	3	1.78	.01	.08	1	8
NSE 14E 5+50S	1	176	4	71	.1	40	26	1049	4.57	5	5	ND	1	30	1	2	2	121	.38	.065	2	169	1.55	39	.09	2	1.60	.01	.06	1	5
NSE 14E 6+00S	1	95	9	97	.1	33	25	1078	4.77	11	5	ND	1	54	1	2	2	133	.80	.079	6	113	1.63	49	.12	4	1.71	.01	.08	2	8
NSE 15E 6+00N	1	22	10	102	.1	20	15	465	4.26	8	5	ND	1	30	1	3	2	114	.39	.093	4	68	1.11	33	.21	2	1.62	.02	.08	1	8
NSE 15E 5+50N	1	33	9	179	.2	24	20	692	4.59	11	5	ND	1	40	1	3	2	124	.59	.093	4	77	1.44	46	.16	3	1.64	.01	.06	1	22
NSE 15E 3+50N	2	77	6	111	.1	18	19	740	4.38	18	5	ND	1	48	1	2	2	110	.57	.125	5	56	1.74	34	.13	5	1.87	.02	.15	1	20
NSE 15E 3+00N	1	150	7	84	.2	30	26	872	4.95	14	5	ND	1	45	1	3	4	118	.57	.131	4	107	1.73	45	.15	3	2.06	.01	.16	3	30
NSE 15E 2+50N	1	22	9	66	.3	28	15	333	5.09	7	5	ND	1	33	1	2	4	137	.37	.129	3	137	1.28	35	.15	13	1.64	.02	.06	1	8
NSE 15E 2+00N	2	106	2	78	.1	34	22	670	4.33	9	5	ND	1	59	1	2	2	107	.82	.100	5	98	1.62	65	.12	2	1.62	.01	.09	1	16
NSE 15E 1+50N	2	106	7	82	.1	35	23	867	4.57	10	5	ND	1	59	1	2	2	115	.72	.102	5	104	1.69	51	.11	4	1.83	.01	.07	1	24
NSE 15E 1+00N	1	126	2	69	.1	34	23	710	4.24	12	5	ND	1	67	1	2	2	130	.93	.109	3	119	1.80	52	.12	3	1.59	.01	.08	1	42
NSE 15E 0+50N	1	119	3	76	.1	33	23	714	4.07	11	5	ND	1	84	1	2	2	128	1.35	.108	3	110	1.92	63	.12	3	1.67	.01	.11	1	30
NSE 15E 0+00N	1	109	3	84	.1	36	23	779	4.23	13	5	ND	1	83	1	2	2	131	1.38	.112	4	122	1.82	62	.12	3	1.56	.01	.13	1	35
NSE 15E 0+50S	1	163	2	84	.2	33	24	968	3.92	19	5	ND	1	105	1	2	2	161	1.86	.123	4	110	1.65	66	.09	7	1.54	.01	.08	1	65
NSE 15E 1+00S	1	52	2	97	.1	39	28	761	5.17	9	5	ND	1	53	1	2	2	126	.92	.115	4	93	2.43	52	.16	4	1.88	.01	.16	1	8
NSE 15E 1+50S	2	235	6	102	.4	35	27	1423	5.09	34	5	ND	1	84	1	2	2	233	1.18	.121	7	138	1.74	72	.08	7	1.93	.01	.08	1	12
NSE 15E 2+00S	1	20	4	103	.1	58	25	609	5.01	6	5	ND	1	49	1	2	2	152	.81	.061	2	166	2.49	51	.20	3	1.84	.02	.09	1	3
NSE 15E 2+50S	3	40	2	88	.1	50	23	439	4.98	6	5	ND	1	62	1	2	2	163	.77	.035	2	146	1.97	41	.17	3	1.74	.02	.05	1	22
NSE 15E 3+00S	2	183	7	79	.5	28	21	781	3.72	23	5	ND	1	104	1	3	2	141	1.28	.156	8	111	1.43	60	.06	7	1.79	.01	.08	1	1
STD C/AU 0.5	20	57	38	133	6.9	66	30	1076	3.93	41	20	8	33	48	17	16	21	63	.48	.106	36	60	.88	175	.08	36	1.72	.06	.13	15	495

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
NSE 15E 3+50S	2	97	13	87	.1	28	20	732	3.90	13	5	ND	1	100	1	2	2	121	1.06	.147	6	84	1.49	55	.09	9	1.72	.01	.13	3	17
NSE 15E 4+00S	1	312	16	93	.3	43	35	1383	5.08	15	5	ND	1	84	1	2	2	161	1.29	.142	7	179	2.16	74	.10	2	1.98	.01	.21	2	16
NSE 15E 4+50S	1	63	11	83	.1	41	27	838	6.24	5	5	ND	1	30	1	2	2	154	.58	.218	3	154	2.36	41	.17	4	1.95	.01	.10	2	5
NSE 15E 5+00S	1	139	12	78	.1	101	39	844	5.77	4	5	ND	1	25	1	2	2	128	.65	.106	2	244	4.63	80	.16	2	2.60	.01	.14	1	15
NSE 15E 5+50S	3	728	9	50	.4	27	23	2971	4.99	3	5	ND	1	99	1	2	2	142	.76	.056	2	242	.44	46	.18	2	1.11	.01	.02	3	5
NSE 15E 6+00S	1	84	12	91	.1	48	30	1023	6.80	8	5	ND	1	30	1	2	2	153	.43	.132	3	218	1.90	37	.08	3	1.99	.01	.09	1	3
NSE 16E 6+00N	1	95	13	99	.1	29	18	559	3.96	6	5	ND	1	43	1	2	2	109	.52	.093	6	87	1.42	49	.15	2	1.67	.02	.13	1	5
NSE 16E 5+50N	1	35	14	93	.2	24	12	347	3.30	5	5	ND	1	38	1	2	2	99	.52	.060	3	72	1.20	35	.19	3	1.37	.02	.06	1	3
NSE 16E 5+00N	1	72	20	90	.1	30	21	564	5.01	9	5	ND	1	36	1	2	2	120	.46	.112	3	75	1.75	41	.13	2	2.22	.01	.11	1	7
NSE 16E 4+50N	1	215	18	100	.3	23	23	1001	4.50	19	5	ND	1	55	1	2	2	125	.86	.121	10	96	1.44	60	.10	2	1.87	.01	.12	1	12
NSE 16E 4+00N	4	55	12	91	.1	18	15	528	4.61	13	5	ND	1	58	1	2	2	110	.62	.060	5	59	1.21	32	.13	2	2.04	.01	.05	1	14
NSE 16E 3+50N	1	32	12	95	.4	10	13	627	5.08	11	5	ND	1	49	1	2	2	125	.40	.115	3	36	1.00	54	.13	9	1.91	.01	.07	1	21
NSE 16E 3+00N	1	79	12	92	.1	26	21	894	4.93	10	5	ND	1	58	1	2	2	114	.78	.109	5	88	1.52	59	.13	2	1.70	.01	.08	1	21
NSE 16E 2+50N	2	118	13	84	.2	32	21	1103	4.02	12	5	ND	1	62	1	2	2	98	1.01	.124	5	98	1.64	76	.08	5	1.76	.01	.08	1	14
NSE 16E 2+00N	1	117	11	79	.1	29	21	642	3.88	8	5	ND	1	69	1	2	2	105	1.22	.101	6	92	1.65	66	.12	2	1.66	.01	.07	2	12
NSE 16E 1+50N	1	98	14	71	.1	35	22	1992	4.31	5	5	ND	1	67	1	2	2	92	1.22	.128	4	100	1.97	91	.12	5	1.65	.01	.15	1	4
NSE 16E 1+00N	1	77	10	77	.2	31	19	877	3.89	5	5	ND	1	58	1	2	2	98	1.20	.082	2	97	1.71	83	.12	14	1.49	.01	.08	1	4
NSE 16E 0+50N	1	94	10	79	.2	39	24	886	4.87	6	5	ND	1	57	1	2	2	115	1.17	.126	7	140	2.24	55	.14	4	1.86	.01	.17	2	15
NSE 16E 0+00N	1	106	9	97	.1	35	22	717	3.89	9	5	ND	1	66	1	2	2	107	1.54	.108	3	104	1.94	61	.09	5	1.66	.01	.08	2	6
NSE 16E 0+50S	1	51	7	73	.1	30	20	709	4.56	8	5	ND	1	54	1	2	2	140	.86	.078	2	115	1.84	56	.16	7	1.59	.01	.06	1	2
NSE 16E 1+00S	1	108	17	97	.4	38	24	938	4.06	13	5	ND	1	74	1	2	3	124	1.59	.129	5	104	2.07	62	.09	2	1.80	.01	.09	1	10
NSE 16E 3+50S	1	44	15	83	.3	33	22	893	4.99	12	5	ND	1	53	1	2	2	148	.65	.084	4	122	1.64	70	.15	3	1.63	.01	.06	1	6
NSE 16E 4+50S	1	241	12	68	.1	26	29	1467	5.18	2	5	ND	1	34	1	2	3	188	.36	.160	2	208	1.51	39	.08	2	1.49	.01	.03	1	8
NSE 16E 5+00S	1	43	11	106	.1	120	41	904	6.14	5	5	ND	1	13	1	2	2	162	.31	.079	3	301	7.15	25	.18	3	2.48	.01	.02	1	2
NSE 16E 5+50S	1	96	14	101	.2	57	30	1294	6.47	5	5	ND	1	21	1	2	2	196	.38	.111	4	171	3.03	37	.21	2	1.89	.01	.04	2	16
NSE 16E 6+00S	1	41	10	80	.1	33	20	544	6.06	12	5	ND	1	28	1	2	2	161	.37	.085	3	124	1.72	22	.19	2	1.88	.01	.06	1	38
NSE 17E 6+00N	2	189	15	111	.4	20	17	482	3.44	6	5	ND	1	64	1	2	3	110	1.17	.052	5	81	.99	77	.10	2	1.42	.01	.06	1	6
NSE 17E 5+00N	1	61	11	110	.1	24	17	559	5.55	8	5	ND	1	36	1	2	2	122	.35	.211	4	74	1.39	58	.11	3	2.57	.01	.05	1	7
NSE 17E 4+50N	1	49	13	102	.3	25	17	513	4.91	14	5	ND	1	57	1	2	2	118	.69	.110	5	72	1.47	59	.14	12	2.04	.01	.07	1	11
NSE 17E 4+00N	2	96	13	104	.1	24	19	1109	4.64	13	5	ND	1	54	1	2	2	116	.64	.086	5	67	1.57	81	.14	7	2.15	.01	.07	1	11
NSE 17E 3+50N	11	227	15	91	.3	20	25	1630	3.90	8	5	ND	1	71	1	2	2	102	1.04	.114	9	70	1.33	80	.09	12	1.60	.02	.09	1	9
NSE 17E 3+00N	1	117	12	76	.3	23	19	782	4.39	12	5	ND	1	64	1	2	2	104	1.07	.152	4	82	1.52	48	.12	3	1.57	.01	.12	1	20
NSE 17E 2+50N	1	109	14	53	.3	19	15	514	3.31	6	5	ND	1	69	1	2	2	83	1.23	.081	4	62	1.07	73	.09	2	1.40	.01	.07	1	8
NSE 17E 2+00N	1	77	10	77	.1	32	20	647	4.60	9	5	ND	1	61	1	2	3	117	.94	.100	4	100	1.77	56	.14	2	1.72	.01	.09	1	7
NSE 17E 1+50N	1	81	16	84	.1	33	22	653	4.66	12	5	ND	1	61	1	2	2	120	.95	.096	5	99	1.86	60	.15	4	1.82	.01	.09	1	11
NSE 17E 1+00N	1	73	7	76	.2	26	20	570	4.23	8	5	ND	1	62	1	2	2	109	1.07	.087	4	93	1.62	59	.13	10	1.56	.01	.08	1	44
STD C/AU-0.5	21	58	36	130	6.8	62	29	1059	3.93	36	18	8	32	46	17	15	18	61	.48	.107	37	58	.88	172	.08	38	1.72	.06	.13	15	485

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	In 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
NSE 17E 0+50N	1	64	8	104	.3	34	21	839	4.40	3	5	ND	1	58	1	2	2	111	1.00	.073	7	109	2.04	74	.13	7	1.81	.01	.10	1	2
NSE 17E 0+00N	1	173	7	95	.5	44	29	619	4.73	11	5	ND	1	44	1	2	4	113	.66	.053	8	130	1.67	70	.12	2	2.28	.01	.07	1	4
NSE 17E 0+50S	1	105	9	122	.2	27	23	514	4.37	10	5	ND	1	57	1	2	2	111	.91	.061	6	88	1.74	66	.11	2	2.00	.01	.09	2	2
NSE 17E 1+00S	1	85	6	79	.2	48	25	696	4.69	11	5	ND	1	50	1	2	4	125	1.09	.105	6	126	2.10	39	.16	7	1.71	.01	.14	2	4
NSE 17E 2+00S	1	818	16	83	.5	41	21	1206	3.42	17	5	ND	1	86	1	2	2	124	2.43	.110	8	142	1.72	77	.07	2	1.88	.01	.06	1	9
NSE 17E 2+50S	1	28	9	76	.1	34	17	422	5.00	7	5	ND	1	38	1	2	2	136	.47	.107	3	115	1.62	35	.19	10	1.64	.01	.10	1	35
NSE 17E 3+00S	1	21	20	64	.1	37	18	460	5.21	2	5	ND	1	37	1	2	4	146	.36	.063	3	134	1.82	32	.21	5	1.48	.01	.05	1	12
NSE 17E 3+50S	1	237	16	100	.1	57	30	1322	4.47	18	5	ND	1	62	1	2	2	175	.84	.074	7	168	2.04	68	.09	2	1.87	.01	.04	1	4
NSE 17E 4+00S	1	50	9	90	.1	60	24	1098	5.46	11	5	ND	1	34	1	2	2	142	.37	.090	4	179	2.41	58	.13	9	1.76	.01	.05	1	9
NSE 17E 4+50S	1	29	22	61	.1	50	18	432	5.20	8	5	ND	1	31	1	2	3	131	.37	.039	3	178	1.86	46	.17	6	1.45	.01	.04	1	8
NSE 17E 5+00S	1	10	5	76	.1	102	25	663	4.32	2	5	ND	1	14	1	2	2	68	.33	.069	2	229	3.14	103	.07	2	1.38	.01	.03	1	1
NSE 17E 5+50S	1	11	14	63	.1	24	15	345	4.89	4	5	ND	1	24	1	2	2	132	.43	.067	2	96	1.28	35	.24	3	1.33	.01	.04	1	1
NSE 17E 6+00S	1	33	9	83	.1	57	23	569	4.97	12	5	ND	1	26	1	2	3	128	.46	.119	3	150	2.41	29	.14	10	1.74	.01	.05	1	4
NSE 18E 0+50S	1	210	8	86	.2	41	27	1173	4.71	8	5	ND	1	52	1	2	2	127	.95	.118	6	117	1.96	80	.09	15	1.97	.01	.11	1	4
NSE 18E 1+00S	1	90	5	108	.6	50	26	705	4.30	10	5	ND	1	48	1	2	2	115	1.25	.101	6	119	1.92	51	.14	9	1.69	.01	.08	1	11
NSE 18E 1+50S	1	227	4	94	.2	37	25	600	4.62	16	5	ND	1	57	1	2	3	126	1.03	.094	7	112	1.73	56	.14	6	1.80	.02	.07	1	290
NSE 18E 2+00S	1	35	7	72	.1	24	14	443	4.53	6	5	ND	1	39	1	2	2	133	.45	.058	4	86	1.43	31	.22	8	1.40	.01	.05	1	20
NSE 18E 2+50S	1	20	8	73	.2	26	20	469	5.67	7	5	ND	1	30	1	2	2	163	.34	.065	4	79	2.14	37	.29	8	2.01	.01	.05	1	1
NSE 18E 3+00S	1	17	28	59	.1	46	15	608	4.98	3	5	ND	1	32	1	4	3	141	.26	.058	4	160	1.56	47	.18	3	1.28	.01	.04	1	9
NSE 18E 3+50S	1	40	11	87	.2	65	24	641	6.20	9	5	ND	1	29	1	2	3	157	.31	.100	2	185	2.66	36	.15	3	1.88	.01	.04	2	48
NSE 18E 4+00S	2	43	21	83	.1	63	28	1410	5.71	8	5	ND	1	31	1	2	2	144	.32	.111	2	190	2.58	49	.13	6	1.83	.01	.03	1	8
NSE 18E 4+50S	1	19	8	80	.1	61	21	475	5.12	4	5	ND	1	20	1	2	4	136	.26	.030	2	212	2.20	37	.23	4	2.17	.02	.04	1	10
NSE 18E 5+00S	1	34	11	69	.1	68	23	602	5.32	5	5	ND	1	20	1	2	3	123	.23	.070	4	223	2.52	46	.12	3	1.50	.01	.04	1	4
NSE 18E 5+50S	1	25	20	72	.2	66	23	602	5.96	8	5	ND	1	25	1	6	2	153	.34	.059	3	198	2.68	41	.22	2	1.68	.01	.04	1	3
NSE 18E 6+00S	1	8	18	70	.2	10	7	272	3.24	3	5	ND	1	13	1	3	2	61	.05	.085	2	25	.62	28	.01	2	2.25	.01	.03	3	1
STD C/AU 0.5	21	60	36	133	7.0	67	28	1080	3.93	41	16	7	33	48	17	15	18	63	.48	.104	36	62	.88	178	.08	37	1.72	.06	.13	15	500



LEGEND

- Geological Contact, Known
- Geological Contact, Assumed
- Outcrop
- Ridge Crest
- Active Talus
- Shear Zone
- Foliation
- Jointing
- Au (ppb) Geochemistry
  - Soil
  - F Rock Float
  - R Rock Outcrop

GEOLOGY:

2 HOGEM BATHOLITH -
- 2A granodiorite
- 2B biotite granite
- 2C quartz - feldspar porphyry

1 TAKLA VOLCANICS - mostly dark green andesites & andesitic basalts with minor epiclastic
- IA porphyritic
- IB epidote rich (>20%)
- IC fine grain flows
- ID quartz - carbonate - ankerite zone

Metres 50 0 50 100 150 200 Metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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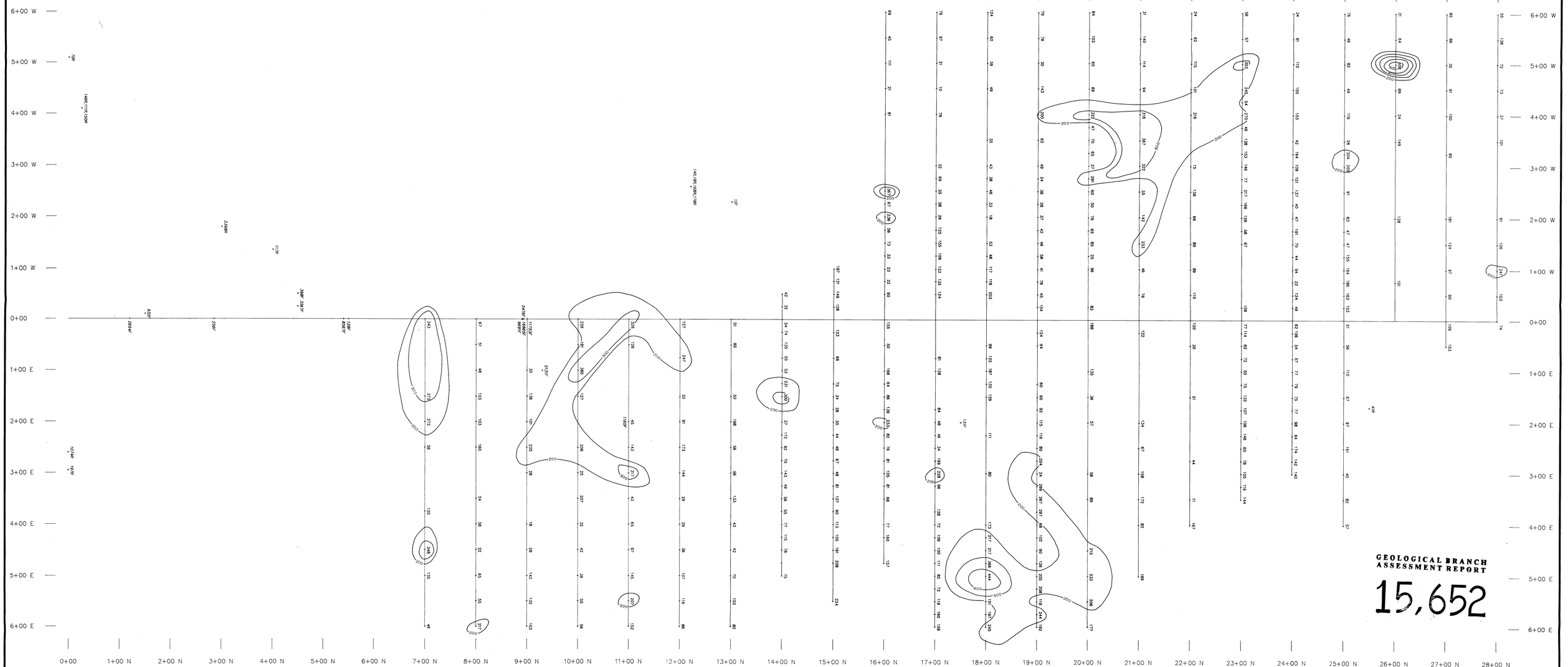
IMPERIAL METALS CORPORATION	
NORTH SLOPE	
FIGURE 3	N.T.S. 93N/11W
NS GRID GEOLOGY & GEOCHEMISTRY: AU	
SCALE: 1:2500	GEOLOGIST: A.B. TAYLOR
DATE: DECEMBER 1986	DRAWN BY: S. HAWORTH



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LEGEND

Cu (ppm) — Geochemistry

—— Soil

—F Rock Float

—R Rock Outcrop

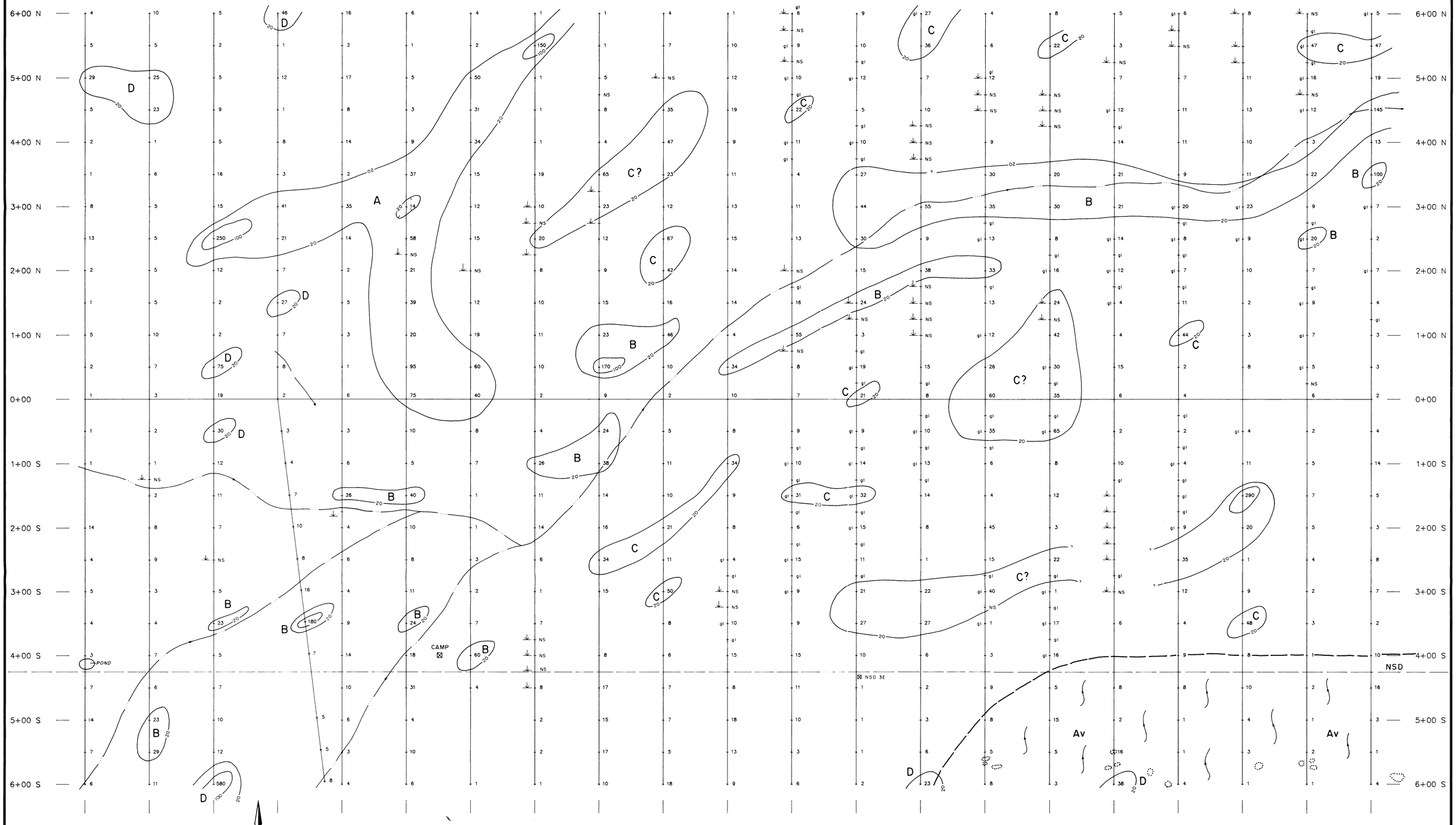
N

IMPERIAL METALS CORPORATION	
NORTH SLOPE	
FIGURE 4	N.T.S. 93N/11W
NS GRID	
GEOCHEMISTRY: CU	
Metres 50 0 50 100 150 200 Metres	
SCALE: 1:2500	GEOLOGIST: A.B. TAYLOR
DATE: DECEMBER 1986	DRAWN BY: S. HAWORTH

0+00 2+00 E 4+00 E 6+00 E 8+00 E 10+00 E 12+00 E 14+00 E 16+00 E 18+00 E 20+00 E

6+00 N
5+00 N
4+00 N
3+00 N
2+00 N
1+00 N
0+00
1+00 S
2+00 S
3+00 S
4+00 S
5+00 S
6+00 S

POND
CAMP
NSD
NSD 3E



0+00 2+00 E 4+00 E 6+00 E 8+00 E 10+00 E 12+00 E 14+00 E 16+00 E 18+00 E 20+00 E

N

LEGEND

Stream
Claim Post
Claim Boundary
Au (ppb) Geochemistry
NS No Sample

gl Glade Soil
Swamp
Outcrop - Andesite
Area of Abundant Talus

GEOLOGY:
Av ANDESITE - massive, porphyritic

SOIL ANOMALIES:
A Near projected trend of major fault?
B Old stream channel - transported gold anomaly
C Poor soil development; high clay; no B horizon, occ. high organic content
D Unclassified soil anomaly

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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IMPERIAL METALS CORPORATION

NORTH SLOPE

FIGURE 5 N.T.S. 93N/11E

NSE GRID

GEOCHEMISTRY: AU

Metres 50 0 50 100 150 200 Metres

SCALE: 1:2500 GEOLOGIST: D. GORC

DATE: DECEMBER 1986 DRAWN BY: S. HAWORTH

0+00 | 2+00 E | 4+00 E | 6+00 E | 8+00 E | 10+00 E | 12+00 E | 14+00 E | 16+00 E | 18+00 E | 20+00 E

6+00 N | 5+00 N | 4+00 N | 3+00 N | 2+00 N | 1+00 N | 0+00 | 1+00 S | 2+00 S | 3+00 S | 4+00 S | 5+00 S | 6+00 S

POND

CAMP

NSD

NSD 3E

Av

Av

LEGEND

- Stream
- ⊠ Claim Post
- Claim Boundary
- Cu (ppm) / Mo (ppm) Geochemistry
- NS No Sample
- gl Glade Soil
- Swamp
- Contour - Cu
- Contour - Mo
- Area of Abundant Talus
- Outcrop - Andesite

GEOLOGY:

- Av ANDESITE - massive, porphyritic

IMPERIAL METALS CORPORATION

NORTH SLOPE

FIGURE 6 N.T.S. 93N/11E

NSE GRID

GEOCHEMISTRY: CU,MO

Metres 50 0 50 100 150 200 Metres

SCALE: 1:2500 | GEOLOGIST: D. GORC

DATE: DECEMBER 1986 | DRAWN BY: S. HAWORTH