LOG NO: 1006 RD.
ACTION:
FILE NO:

GEOCHEMICAL AND LINECUTTING REPORT

on the

Ridge Area

JAMBOREE PROPERTY

CARIBOO MINING DIVISION

NTS 93A 7W

GEOLOGICAL BRANCH
ASSESSMENT REPORT

LATITUDE 52° 15' W
LONGITUDE 122° 50' W

FILMED

17,812 for

IMPERIAL METALS CORPORATION

RECORDER
RECEIVED
SEP 27 1988
M.R. # ..... $ .....
VANCOUVER, B.C.

Field Work Period: June 14 - 24, 1988

Work Completed on: Jamboree 1, 3 and 4 Mineral Claims

DENNIS M. GORC
SEPTEMBER 1988
VANCOUVER, B.C.

SUMMARY

The Jamboree claims are situated in the Cariboo Mining Division 85 km east of Williams Lake, B.C.. The property is set within the Quesnel Trough, a belt of Mesozoic volcanics and sediments.

In June 1988 a total of 11.2 km of linecutting was completed on the Ridge Area of the Jamboree property in preparation for an upcoming induced polarization survey.

In addition 158 soil samples were taken from portions of the Ridge grid not previously sampled so as to more accurately outline previously defined soil anomalies. Anomalous gold and arsenic values were returned.

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1.0 INTRODUCTION

This report discusses a soil geochemical survey and linecutting program completed on the Ridge Area of the Jamboree property during the period of June 14-24, 1988.

Previous work in this area had established several gold and arsenic soil anomalies as well as VLF electromagnetic and magnetic anomalies. Many of these anomalies were coincident with each other.

The aim of the June 1988 program was to fill in gaps in the previous soil sampling as well as to prepare the grid for an induced polarization survey.

2.0 CLAIM DATA

The Jamboree claim block consists of 18 modified grid claims totalling 290 units. These claims are listed as owned by Imperial Metals Corporation, but are subject to a joint venture partnership which also includes Geomex Development Inc., Ruanco Enterprises Ltd., and International Display Corporation.

As of June 24, 1988 the Jamboree property has been divided into the following groups for assessment purposes:

Group 1	Claim Name	# of Units
	Jamboree 1	20
	Jamboree 2	20
	Jamboree 3	20
	Jamboree 4	20
	Jamboree 18	20
		100 units

Group 2	Claim Name	# of Units
	Jamboree 5	20
	Jamboree 6	8
	Jamboree 12	9
	Jamboree 13	9
	Jamboree 14	9
	Jamboree 15	20
	Jamboree 16	9
	Jamboree 17	8
		92 units

Group 3	Claim Name	# of Units
	Jamboree 7	20
	Jamboree 8	20
	Jamboree 9	20
	Jamboree 10	20
	Jamboree 11	20
		100 units

3.0 LOCATION, ACCESS AND TOPOGRAPHY

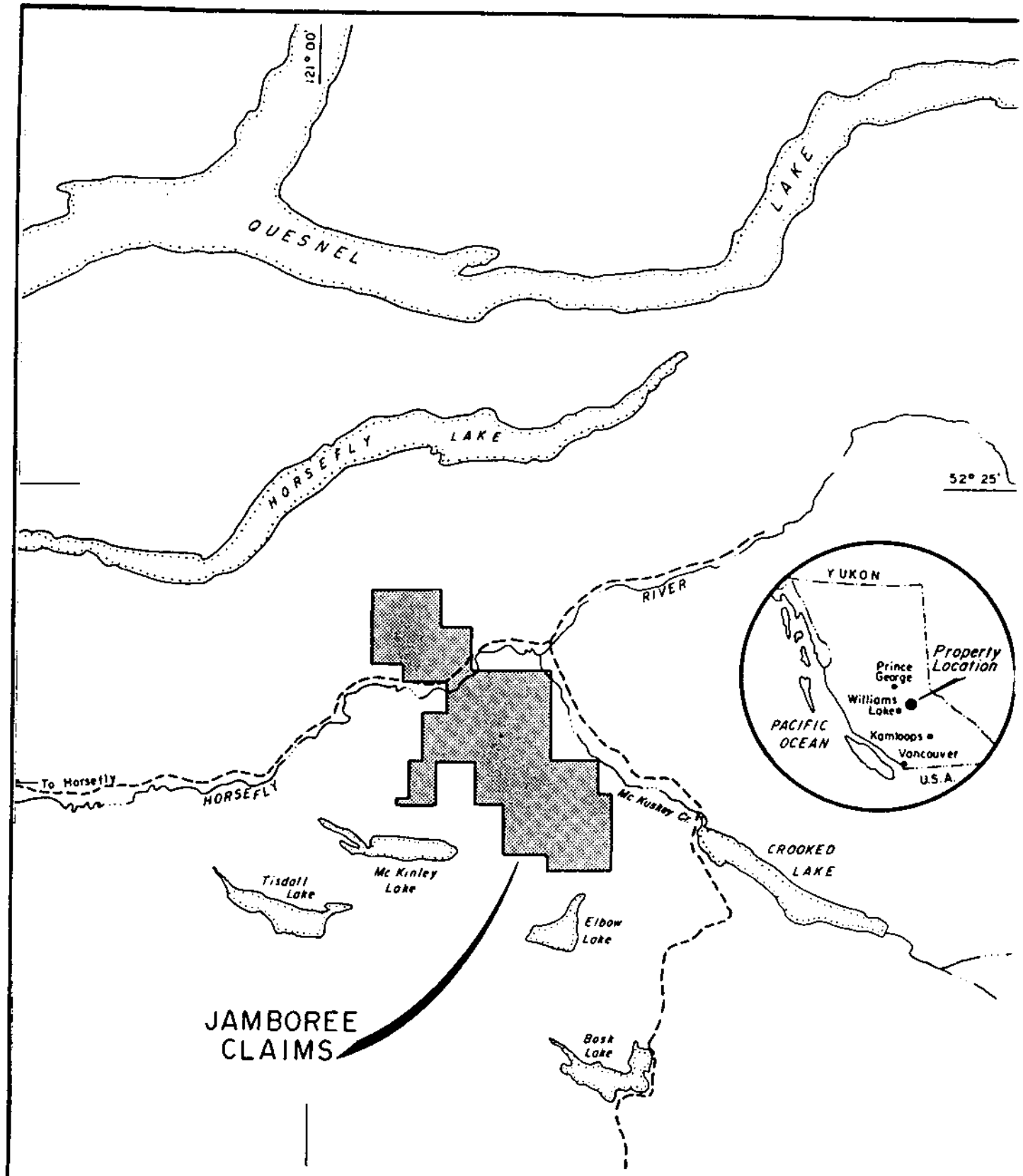
The Jamboree property is situated approximately 85 km east of Williams Lake, B.C. in the Cariboo Mining Division. The claims straddle the Horsefly River near its junction with McKusky Creek. The latitude is 52°15'N and longitude is 120°50'W on NTS map sheet 93A/7W.

Access is by an all-weather logging road from the town of Horsefly, 20 km to the west. Secondary logging roads provide good access to peripheral areas of the claims, including the North Grid and Offset Grid areas.

The Jamboree claims are located in the western foothills of the Cariboo Mountains. Elevations range between 900 meters on the Horsefly River to 1700 meters on the Ridge area in the central portion of the claim group. Much of the lower areas have been logged providing good exposure while the mature forests on the upper mountain slopes allow good walking. The central Ridge Area is relatively flat with several marshes and swamps among large stands of evergreen.

TABLE 1 - CLAIM DATA

Name	Units	Record No.	Record Date
Jamboree 1	20	3783 (6)	24/06/81
Jamboree 2	20	3784 (6)	24/06/81
Jamboree 3	20	3785 (6)	24/06/81
Jamboree 4	20	3786 (6)	24/06/81
Jamboree 5	20	3787 (6)	24/06/81
Jamboree 6	8	3788 (6)	24/06/81
Jamboree 7	20	4176 (11)	26/11/81
Jamboree 8	20	4177 (11)	26/11/81
Jamboree 9	20	4178 (11)	26/11/81
Jamboree 10	20	4185 (11)	26/11/81
Jamboree 11	18	4179 (11)	26/11/81
Jamboree 12	9	4180 (11)	26/11/81
Jamboree 13	9	4181 (11)	26/11/81
Jamboree 14	9	4186 (11)	26/11/81
Jamboree 15	20	4182 (11)	26/11/81
Jamboree 16	9	4183 (11)	26/11/81
Jamboree 17	8	4184 (11)	26/11/81
Jamboree 18	20	4353 (7)	12/07/82



IMPERIAL METALS CORPORATION

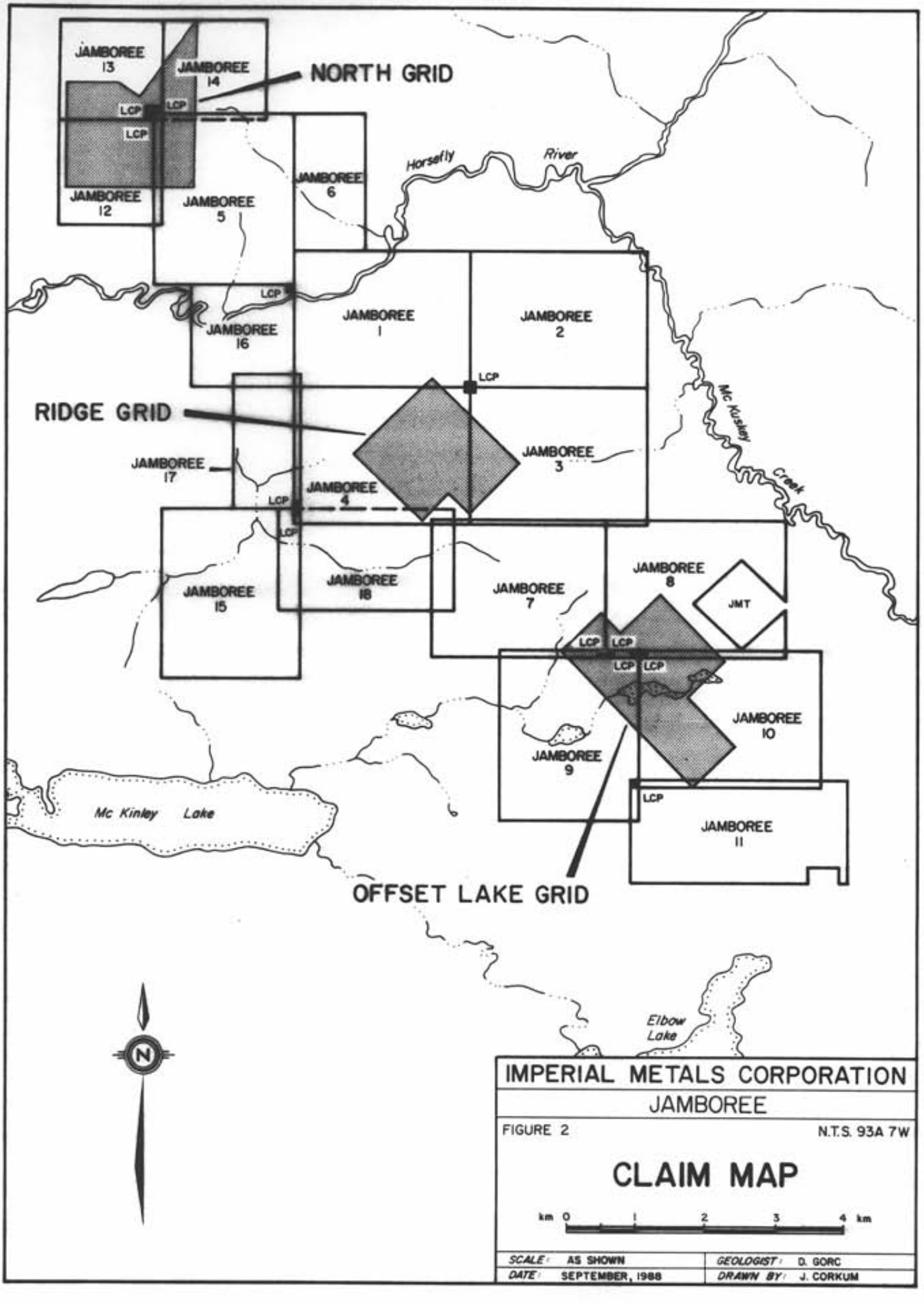
JAMBOREE

FIGURE 1 N.T.S. 93A 7W

LOCATION MAP

km 0 5 10 15 km

SCALE: 1:250,000	GEOLOGIST: D. GORC
DATE: SEPTEMBER, 1988	DRAWN BY: J. CORKUM


JAMBOREE 13
JAMBOREE 14
NORTH GRID
LCP
LCP
LCP
JAMBOREE 12
JAMBOREE 5
JAMBOREE 6
Horsefly River
JAMBOREE 16
LCP
JAMBOREE 1
JAMBOREE 2
LCP
RIDGE GRID
JAMBOREE 17
JAMBOREE 4
JAMBOREE 3
Mc Kinley Creek
LCP
LCP
JAMBOREE 15
JAMBOREE 18
JAMBOREE 7
JAMBOREE 8
JMT
LCP
LCP
LCP
JAMBOREE 10
JAMBOREE 9
LCP
JAMBOREE 11
Mc Kinley Lake
OFFSET LAKE GRID
N
Elbow Lake
IMPERIAL METALS CORPORATION
JAMBOREE
FIGURE 2
N.T.S. 93A 7W
CLAIM MAP
km 0 1 2 3 4 km
SCALE: AS SHOWN
GEOLOGIST: D. GORC
DATE: SEPTEMBER, 1988
DRAWN BY: J. CORKUM

4.0 EXPLORATION HISTORY

The Jamboree claims 1-6 were staked in June, 1981 in response to the release of geochemical data by the British Columbia Government indicating the area was anomalous in arsenic. The Jamboree 7-17 claims were staked in October, 1981 after additional soil and silt sampling was carried out in the region. The Jamboree 18 claim was staked in July, 1982 to fill in open ground between Jamboree 7 and 15.

The 1982 exploration program began with the establishment of a geochemical sampling grid on the central area of the claim block. Reconnaissance lines were run elsewhere. Results were encouraging with several gold-arsenic anomalies outlined. One rock sample from outcrop in the Doreen lake area assayed 0.121 oz/ton Au over 1 meter.

In 1983 the geochemical grid was expanded to cover a much larger portion of the claim group. The original grid's baseline was extended to the Horsefly River in the northwest and to the Jamboree 11 claim in the southeast corner of the claim block.

A program of soil and rock geochemical sampling and geologic mapping was carried out. A total of 1760 soil samples were taken of which 103 returned gold values of greater than 25 ppb. The maximum value obtained was 5250 ppb Au. Over the course of geologic mapping 230 rock chip samples were taken and geochemically analysed.

During July 1983 an airborne magnetometer and EM survey was completed. Results of this initial phase of exploration outlined three major target areas warranting further exploration. A trenching and subsequent rotary/percussion drilling program was carried out on the Doreen Creek area (Jamboree 15 claim block) and the Offset Lake area (Jamboree 8 and 10). This phase of exploration yielded encouraging results including two trench samples at Doreen Lake which ran 0.145 and 0.118 oz/t Au over 2 meters. The third exploration target outlined was the Ridge area which includes most of Jamboree 1, 3, 4 and 7 claims. In the Ridge area geochemical soil sampling outlined several areas of anomalous gold and arsenic. A large soil anomaly along a creek on the north-central area of Jamboree 4 also yielded high Au values from outcrop exposed along the canyon walls.

In June 1987 a VLF electromagnetic and magnetometer survey was completed along 17 kilometers of new grid on the above Ridge area. In addition, 639 soil samples and 31 rock samples were collected.

In October 1987 grids were completed in the Offset Lake and North Horsefly areas. A total of 385 soil samples were taken on the North Grid and outlined several weak gold anomalies.

A total of 562 soil samples were taken on the Offset Grid. Results from the soil sampling defined soil snomalies for gold, copper, arsenic, nickel and chromium.

5.0 REGIONAL GEOLOGY

The Jamboree claims lies within the Quesnel Trough, a narrow tectonic depression in which Mesozoic sedimentary and volcanic rocks were deposited. The Trough extends from the U.S. border to 57°N latitude.

In the vicinity of the Jamboree property the Quesnel Trough is fault-bounded to the west by the Paleozoic Cache Creek Group and to the east by Paleozoic and Precambrian strata. The prevailing structural trend is northwesterly.

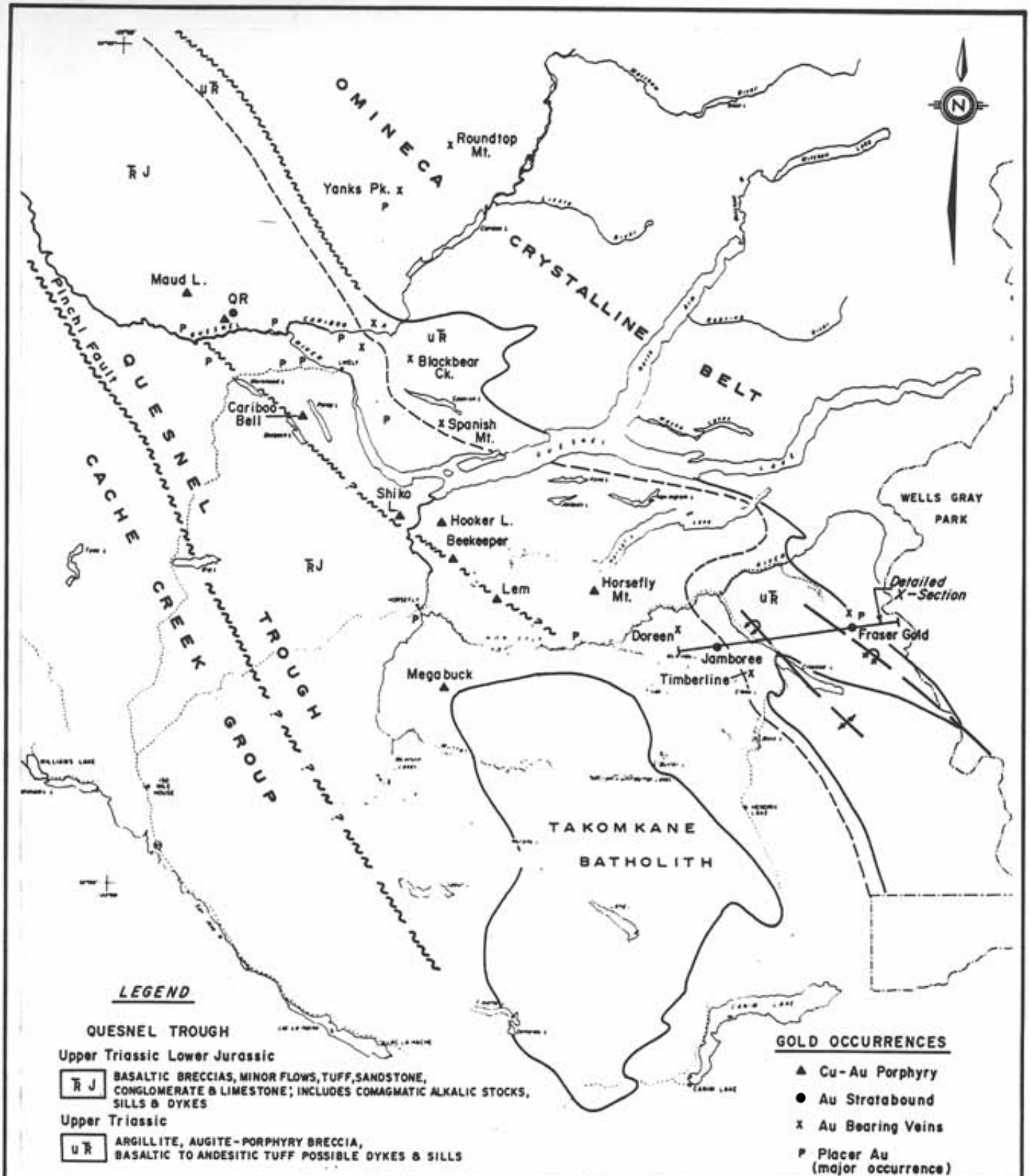
The Quesnel Trough is the host for several important gold and copper-gold deposits included the Cariboo-Bell deposit (100,000,000 tons grading 0.37% Cu and 0.015 oz/ton Au); QR deposit (950,000 tons grading 0.21 oz/ton); Ingerbelle-Copper Mountain (200,000,000 tons grading 0.5% Cu, 0.005 oz/ton Au).

6.0 PROPERTY GEOLOGY

6.1 Lithologies:

The Jamboree claim group is underlain by an Upper Triassic - Lower Jurassic volcaniclastic - sedimentary assemblage assigned to the Quesnel River Group by Campbell (G.S.C. open file 544, 1978).

The regional bedding trend strikes north to the northwesterly with moderate to steep easterly dips. Regional metamorphism increases in intensity to the east where interbedded tuffs and argillites have been converted to phyllites.



AFTER WESTERN MINER, APRIL 1984

IMPERIAL METALS CORPORATION

JAMBOREE

FIGURE 3 N.T.S. 93A 7W

REGIONAL GEOLOGY

km 0 10 20 30 40 km

SCALE: AS SHOWN	GEOLOGIST: D. GORC
DATE: JANUARY, 1988	DRAWN BY: J. CORKUM

The rocks underlying the property have been divided into three main units based largely upon field geological mapping carried out by G. Richards and R. Simpson from June 9 to October 15, 1983. These are a lower tuff-argillite sequence, a middle volcanic breccia zone and an upper, predominantly argillitic sequence. The lower unit is intruded by a dioritic stock and associated andesitic sills and/or dykes assigned to a fourth unit.

The lower part of the unit 1 assemblage is exposed near Doreen Creek and consists of interbedded and commonly laminated, argillites and tuffs. The rocks are vitually unmetamorphosed with the exception of a hornfels halo developed around a dioritic stock. Equivalent rocks exposed north of the Horsefly River are cherty tuffs overlain by laminated tuffs with occassional lapilli tuff horizons.

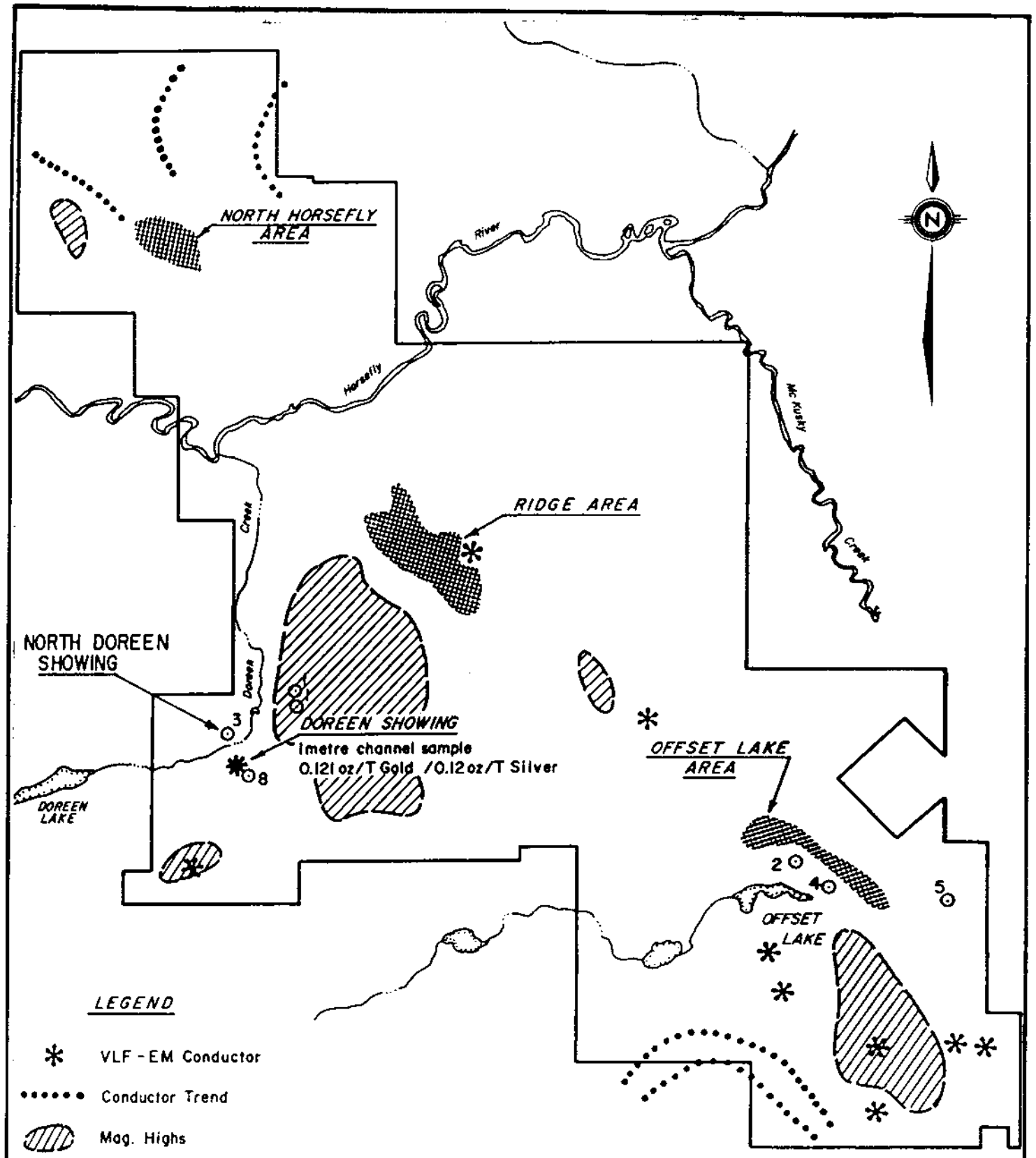
Higher in the section, resistant andesitic tuffs, including minor crystal and lapilli tuff, form cliffs and knobs on the upper slopes of the central hill. These are overlain by more recessive interbedded tuff and argillite with minor volcaniclastic sandstone near the top.

Massive uniform andesite containing hornblende needles 1-4 mm long and aphanitic, dark green andesite containing small (.5 mm) hornblende crystals and no readily discernable breccia texture. These rock types are commonly foliated and chloritized.

The andesite breccia is overlain by unit 3, a predominantly sedimentary sequence of black to brownish argillite and shaly phyllite with minor interbedded phyllitic tuff. This unit is recessive and poorly exposed.

In the Doreen lake vicinity, argillites and tuffs of unit 1 have been intruded by a fine grained diorite stock resulting in a hornfels halo extending 200 to 300 meters from the contact exposed in two creek beds east of Doreen Creek. Hornfels development is more widespread on the hillside north of Doreen Lake. The diorite and related hornblende andesite - microdiorite sills and/or dykes are assigned to unit 4 but may be contemporaneous with the andesite breccia of unit 2.

The presence of numerous, sub-angular, glacial float boulders combined with a prominent magnetic anomaly located southeast of Offset Lake, indicates the presence of a gabbro-hornblendite body. Thick glacial deposits cover this area and no outcroppings have been uncovered.



IMPERIAL METALS CORPORATION

JAMBOREE

FIGURE 4 N.T.S. 93A 7W

EXPLORATION HISTORY COMPILATION

km 0 1 2 3 km

SCALE: 1:60 000	GEOLOGIST: D. GORC
DATE: JANUARY, 1988	DRAWN BY: J. CORKUM

AFTER E & B EXPLORATIONS INC., JULY 1987

Unit 1 is conformably overlain by a resistant andesite breccia zone (unit 2) which varies from 150 to 300 meters in thickness. On top of the central hill, fragments of the andesite breccia are of two types; andesite fragments characterized by tabular hornblende crystals 4 to 10 mm long and 3 to 5 mm wide; and andesite fragments with acidular hornblende crystals 1 mm wide and 3 to 4 mm in length. The size of the clasts is generally greater than 10 cm in diameter but decreases to 1 cm within 100 m of the top. Graded bedding is more evident in the top 100 m with fragments decreasing in size to less than 3 mm within 50 m of the top. A dust tuff horizon, normally less than 10 m in thickness, occurs at the top of unit 2. Finer grained lenses occur within the coarser breccias and the most southeasterly outcrops of this unit. In the Offset lake area, the andesite breccia typically contain 10% dioritic fragments with some gabbro and hornblendite fragments in a microdiorite matrix. Fragments are extremely angular and vary widely in diameter from a few centimeters to several decimeters.

6.2 Hydrothermal Alteration:

Ankerite is the most widespread alteration mineral on the property. It occurs in all rock types but is most commonly associated with fault zones and with silicified phyllite zones of unit 1 northeast of Offset Lake.

Quartz veins cut all units and silicification is common within argillite and argillite-tuff sequences of units 1 and 3. Strongly silicified zones occur in unit 1 rocks below the andesite breccia contact. Large quartz vein fragments exceeding 1 m in width lie in a logged clearing near the southeast corner of the Jamboree 8 claim near recessive outcroppings of unit 3.

Mariposite commonly occurs with ankerite and quartz in silicified phyllites near Offset Lake and in float boulders on the Jamboree 5 claims north of the Horsefly River.

Weak to moderate chlorite alteration of hornblende is widespread in units 2 and 4. Stronger chloritization is associated with fault zones.

Epidote alteration is mainly confined to the andesite breccia in the Offset Lake area. Strongly epidotized boulders occur in old glacial morraines east of Offset Lake.

Gypsum commonly coats fractures and bedding surfaces of argillite in the Doreen Creek area.

7.0 SOIL GEOCHEMISTRY

7.1 Introduction:

Soil samples were taken at 25 m intervals along each of the following cross lines, L97N, L99N, L101N, L108N. Samples were taken of B-horizon soil at depth of 15 cm to 25 cm. For the most part soils have well-developed horizons and are well drained. Samples were submitted to Acme Laboratories of Vancouver for gold analysis by atomic adsorption and 30 element ICP analysis. A total of 158 soil samples were submitted.

7.2 Gold Geochemistry - Ridge Grid

Results returned from the 1988 soil sampling more accurately defined soil anomalies outlined from previous sampling programs. Anomalies trend east-west or northwesterly. Gold values greater than 30 ppb Au are considered as anomalous. A total of 29 soil samples returned greater than 30 ppb Au.

Some of the more significant gold values returned were values of 270 ppb and 96 ppb Au from L108N 101+25E and 101+50E, values of 87 ppb to 183 ppb from L108N 98+00E to L99N 96+25E.

7.3 Arsenic Geochemistry - Ridge Grid

Results returned from the 1988 sampling program more accurately defined soil anomalies outlined in previous programs. Values greater than 200 ppm As are considered as anomalous. A total of 13 samples returned greater than 200 ppm As.

The most significant values returned include values of 231 to 478 ppm As from 408N 100+50E to 101+25E; values of 379 ppm and 434 ppm As from L108N 97+50E and 98+25E; values of 286 ppm and 297 ppm at L98N 98+00E and 98+25E; a value of 289 ppm As at L99N BL and a value of 634 ppm As at L99N 99+50E.

The anomalous values at L99N, 97+25E and L97N 98+00E suggests an anomalous trend not previously recognized. The anamoly would trend roughly east-west.

8.0 CONCLUSIONS

Results from 1988 soil sampling have more accurately defined gold and arsenic outlined during previous sampling programs. The anomalies trend either north-westerly or east-west.

9.0 STATEMENT OF QUALIFICATIONS

I, DENNIS M. GORC, residing at Apartment 202, 270 West 1st Street in North Vancouver, British Columbia, V7M 1B4 state that:

(1) I graduated from Queen's University, Kingston, Ontario with a B.Sc. (Eng.) degree in mineral exploration in May 1976.

(2) Since 1976, I have supervised mineral exploration programs in British Columbia, N.W.T., Manitoba and Ontario.

(3) I am presently employed as a geologist with Imperial Metals Corporation, Suite 800, 601 West Hastings Street in Vancouver, British Columbia.

(4) I supervised the work on the Jamboree property.

Dated this:

27th day of September, 1988

Dennis Gorc.

DENNIS M. GORC
IMPERIAL METALS CORPORATION

Vancouver, British Columbia

10.0 REFERENCES

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Quesnel Lake Map Area, British Columbia (93A) Geological Survey of Canada, Paper 70-1, Part A, p. 32-35.

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Geological and Geochemical Survey Report on the Jamboree #1-8 Mineral Claims; in-house report, December 15, 1983.

Simpson, R.G., 1983
Percussion Drilling Report on the Jamboree #8, 10 and 15 Mineral Claims; in-house report, December 15, 1983.

APPENDIX I

COST STATEMENT

COST STATEMENT

Linecutting and Soil Geochemical Survey on the Ridge Area of the Jamboree Property

June 15 - 24, 1988

Wages	
D. Gorc June 5, 15-19, Sept. 20, 1988	$ 1,400.00
L. Lay June 5, 15, 16, 19-24, 1988	720.00
T. Hannam June 19-24, 1988	750.00
	2,870.00
Camp	
Equipment and Field Supplies - Gasoline	700.00
- Food	651.00
	1,351.00
Linecutting	
Contract with Grassroots Mineral Exploration Services - 11.2 km	3,650.00
Expenses	1,218.07
	4,868.07
Geochemical	
158 geochemical analyses of soil samples (Au by atomic absorption and 30 element ICP	1,649.52
Helicopter	
10.9 hours at $515.00 plus fuel	6,247.32
Reports and Drafting	500.00

COST SUMMARY

Wages	$ 2,870.00
Camp	1,351.00
Linecutting	4,868.07
Geochemical	1,649.52
Helicopter	6,247.32
Report	500.00
Total:	$17,485.91

A P P E N D I X II

GEOCHEMICAL RESULTS - RIDGE GRID

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 SOIL P2-P6 CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JULY 11 1988 DATE REPORT MAILED: July 18/88 ASSAYER. C. Leong ..D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

IMPERIAL METALS CORP. PROJECT-6307 File # 88-2663 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
L101N 95+00E	2	221	19	197	2.8	54	20	5303	4.42	12	5	ND	6	51	3	2	2	61	.83	.143	23	92	.78	264	.06	3	3.54	.02	.11	1	1
L101N 95+25E	2	10	10	64	.1	10	2	90	1.41	4	5	ND	1	15	1	2	2	60	.12	.028	13	32	.21	97	.03	6	1.32	.02	.04	1	4
L101N 95+50E	2	24	13	95	.1	27	7	338	3.54	15	5	ND	2	13	1	2	2	70	.13	.050	11	52	.81	64	.05	2	1.85	.01	.05	1	12
L101N 95+75E	1	23	9	77	.1	14	5	323	3.19	9	5	ND	2	10	1	2	2	55	.19	.034	8	22	.66	61	.09	2	1.39	.01	.06	1	29
L101N 96+00E	1	22	15	114	.1	18	8	1299	4.15	9	5	ND	3	23	1	2	2	91	.67	.111	7	40	.83	109	.12	2	2.32	.01	.08	1	2
L101N 96+25E	2	51	14	144	.2	18	13	1034	5.50	10	5	ND	3	19	1	2	2	69	.84	.081	4	20	1.10	62	.19	2	2.82	.01	.06	1	1
L101N 96+50E	5	38	18	119	.1	27	10	824	4.23	12	5	ND	2	19	1	2	3	67	.27	.048	13	55	.63	134	.07	4	1.89	.01	.06	1	1
L101N 96+75E	3	77	16	200	.7	45	17	2573	4.11	35	5	ND	2	25	1	2	2	67	.39	.056	27	76	.76	253	.04	2	2.69	.02	.09	1	1
L101N 97+00E	3	38	15	121	.1	26	9	1148	3.67	22	5	ND	1	13	1	2	2	66	.10	.062	14	56	.52	127	.04	2	1.58	.01	.07	1	2
L101N 97+25E	4	26	10	89	.2	19	6	293	2.78	18	5	ND	1	14	1	2	2	59	.11	.041	12	54	.44	74	.03	2	1.38	.01	.06	1	1
L101N 97+50E	3	85	15	211	1.3	87	18	982	4.41	443	5	ND	2	49	1	8	2	39	.74	.062	10	41	.37	171	.02	4	1.51	.01	.08	1	7
L101N 97+75E	8	124	20	199	4.4	56	22	2009	6.99	317	5	ND	2	57	2	15	2	37	.75	.111	12	49	.68	140	.02	2	2.30	.02	.09	1	36
L101N 98+00E	8	50	13	169	.5	50	12	564	4.85	250	5	ND	1	18	1	12	2	57	.15	.075	12	60	.45	168	.02	2	1.28	.01	.09	1	15
L101N 98+25E	13	56	15	196	.3	50	9	269	3.73	99	5	ND	1	24	1	13	2	51	.25	.061	15	21	.16	104	.02	2	.84	.01	.06	1	58
L101N 98+50E	3	47	14	194	.2	45	11	457	5.14	106	5	ND	2	23	1	2	2	78	.29	.099	7	103	1.04	165	.01	2	2.18	.01	.10	1	1
L101N 98+75E	2	30	12	113	.3	22	8	582	3.37	12	5	ND	1	27	1	2	2	66	.24	.069	11	49	.79	126	.04	5	1.72	.01	.09	1	2
L101N 99+00E	4	78	15	302	3.0	48	14	1770	3.25	28	5	ND	2	86	7	2	2	36	1.06	.160	13	53	.55	166	.02	6	2.08	.01	.08	1	1
L101N 99+25E	5	117	16	301	4.1	66	14	1010	4.44	44	5	ND	3	68	4	2	2	61	.79	.108	21	88	.90	183	.03	2	3.40	.01	.13	1	1
L101N 99+50E	1	14	8	56	.1	7	2	51	.81	3	5	ND	1	16	1	2	2	29	.17	.026	16	16	.12	76	.02	2	.74	.02	.03	1	29
L101N 99+75E	2	56	12	82	.6	24	6	164	2.26	21	5	ND	1	10	1	2	2	53	.08	.066	14	41	.53	95	.02	2	2.22	.01	.06	1	1
L108N 95+00E	16	158	11	576	3.8	105	62	1782	3.42	91	5	ND	2	57	16	2	2	37	1.11	.366	20	39	.31	334	.01	4	2.57	.02	.07	1	1
L108N 95+25E	5	56	15	165	.4	34	15	1328	3.93	63	5	ND	1	22	1	3	2	47	.24	.132	12	40	.49	244	.01	5	1.39	.02	.09	1	1
L108N 95+50E	6	35	11	147	1.0	22	7	533	2.93	38	5	ND	1	15	1	2	2	45	.15	.108	12	31	.40	237	.01	2	1.14	.01	.06	1	15
L108N 95+75E	5	51	12	186	1.2	29	11	1446	3.70	67	5	ND	1	14	1	4	2	46	.15	.097	10	34	.50	291	.01	2	1.65	.01	.06	1	14
L108N 96+00E	3	32	7	110	2.2	15	6	557	3.16	111	5	ND	1	10	1	4	2	45	.07	.079	11	19	.32	129	.01	4	1.10	.01	.07	1	25
L108N 96+25E	2	29	10	106	.6	17	8	584	3.78	51	5	ND	1	9	1	2	2	55	.17	.096	10	31	.57	81	.01	2	1.61	.02	.07	1	30
L108N 96+50E	3	24	9	95	.2	11	5	397	2.37	74	5	ND	1	7	1	3	2	51	.04	.053	14	15	.26	61	.01	2	1.10	.02	.06	1	36
L108N 96+75E	3	26	8	112	.8	12	5	594	2.56	40	5	ND	1	8	1	3	2	44	.08	.090	11	21	.34	82	.01	2	.98	.01	.06	1	44
L108N 97+00E	2	17	7	77	1.3	9	4	201	1.91	54	5	ND	1	5	1	3	2	39	.04	.066	12	13	.18	46	.01	2	1.11	.03	.05	1	28
L108N 97+25E	1	7	3	40	.4	5	2	100	.73	17	5	ND	1	6	1	2	2	27	.03	.032	13	14	.15	37	.01	2	.85	.03	.05	2	102
L108N 97+50E	4	95	9	147	.8	31	18	1090	5.81	379	5	ND	1	10	1	12	2	45	.10	.121	9	17	.45	69	.01	2	1.22	.03	.08	1	76
L108N 97+75E	3	36	10	93	.5	14	9	625	3.21	86	5	ND	1	8	1	2	2	43	.08	.065	11	21	.62	48	.01	2	1.43	.01	.06	1	33
L108N 98+00E	12	146	19	208	.7	122	18	1035	6.66	434	5	ND	1	24	1	15	2	32	.03	.147	11	27	.10	61	.01	2	.60	.02	.06	1	87
L108N 98+25E	3	28	9	106	.5	18	7	700	2.99	84	5	ND	1	7	1	2	2	37	.05	.052	11	32	.27	45	.01	6	1.24	.01	.06	1	113
L108N 98+50E	3	29	12	92	.3	18	7	602	3.50	100	5	ND	1	15	1	2	2	47	.11	.034	10	30	.24	41	.03	2	.62	.02	.07	1	32
L108N 98+75E	3	37	13	103	.4	21	9	725	3.52	174	5	ND	1	9	1	5	2	38	.37	.068	16	22	.49	63	.02	2	.95	.01	.08	1	154
L108N 99+00E	5	63	9	136	.4	20	10	567	3.50	245	5	ND	1	8	1	7	2	36	.05	.093	13	26	.28	92	.01	2	1.05	.02	.06	1	183
STD C/AU-S	17	57	40	132	6.7	67	28	1049	3.97	39	17	5	37	48	17	17	18	56	.49	.058	39	55	.91	175	.06	34	1.99	.06	.14	11	51

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUNE 30 1988 DATE REPORT MAILED: July 7/88 ASSAYER. C. Leong ..D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

IMPERIAL METALS CORP. PROJECT-6307 File # 88-2347 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
108+00N 100+00E	7	61	10	111	.7	19	8	294	3.72	57	5	ND	2	7	1	2	3	54	.04	.090	10	23	.39	68	.01	3	1.56	.01	.04	1	1
108+00N 100+25E	6	136	16	184	1.5	23	20	2307	7.01	82	5	ND	1	12	2	2	2	66	.04	.204	6	29	.62	146	.01	2	2.59	.01	.05	1	2
108+00N 100+50E	7	117	11	165	.3	26	14	1622	6.62	478	5	ND	1	13	1	2	2	73	.09	.162	4	34	.74	111	.01	5	1.65	.01	.06	1	2
108+00N 100+75E	7	102	17	139	1.0	22	12	1103	5.94	231	5	ND	1	10	1	3	2	63	.07	.203	5	31	.50	121	.01	6	1.67	.01	.09	1	9
108+00N 101+00E	11	95	24	203	1.4	34	21	873	5.88	250	5	ND	3	13	2	7	2	29	.11	.067	16	20	.21	137	.01	5	1.17	.01	.09	1	40
108+00N 101+25AE	15	144	27	259	.6	48	30	1606	6.44	327	5	ND	1	18	1	9	2	15	.11	.071	17	11	.20	168	.01	2	.68	.01	.07	1	39
108+00N 101+25BE	11	134	19	271	.7	83	20	620	5.74	198	5	ND	1	29	1	5	2	62	.19	.069	15	67	.70	164	.01	2	1.40	.01	.09	2	270 *
108+00N 101+50E	3	144	17	169	.4	117	24	656	5.34	165	5	ND	4	33	1	5	2	77	.38	.066	16	187	1.88	72	.06	7	2.40	.01	.09	1	96
108+00N 101+75E	7	59	12	159	.9	37	9	237	4.00	104	5	ND	1	18	1	5	2	29	.08	.093	17	19	.20	115	.01	5	1.01	.01	.09	2	7
108+00N 102+00E	5	63	19	128	.8	77	11	273	5.33	78	5	ND	1	16	1	4	3	93	.17	.085	14	140	1.09	81	.07	4	2.06	.01	.07	1	17
108+00N 102+25E	2	26	19	89	.1	29	8	279	5.21	57	5	ND	2	14	1	2	2	129	.15	.121	14	78	.74	73	.07	6	1.87	.01	.06	1	3
108+00N 102+50E	1	16	9	52	.2	12	4	158	1.78	30	5	ND	2	14	1	2	3	50	.17	.028	16	24	.29	67	.04	4	1.06	.01	.07	2	15
108+00N 102+75E	2	33	9	83	.3	27	7	178	4.46	47	5	ND	3	10	1	2	2	64	.09	.063	14	62	.72	64	.04	2	2.48	.01	.05	1	1
108+00N 103+00E	2	20	9	54	.2	9	4	260	1.59	13	5	ND	1	16	1	2	2	46	.25	.033	16	18	.19	60	.03	10	.90	.01	.04	1	1
108+00N 103+25E	1	24	14	72	.3	18	7	234	3.23	123	5	ND	1	16	1	3	2	78	.12	.055	15	41	.52	73	.04	3	1.84	.01	.06	1	7
108+00N 103+50E	2	62	37	179	.6	22	14	974	6.20	72	5	ND	1	69	1	5	2	113	.62	.174	7	47	.64	124	.07	11	2.22	.01	.08	1	51
108+00N 103+75E	2	93	28	332	1.4	56	26	1105	6.47	177	5	ND	1	37	2	24	2	119	.49	.148	9	120	1.08	107	.06	7	2.82	.01	.07	1	69
108+00N 104+00E	3	84	13	137	.4	45	19	1199	5.12	38	5	ND	1	18	1	2	2	79	.23	.113	14	85	1.41	89	.03	18	2.03	.01	.09	1	2
108+00N 104+25E	2	17	8	61	1.4	16	4	300	2.33	12	5	ND	2	8	1	2	2	31	.07	.111	17	37	.36	81	.01	5	.99	.01	.07	1	2
108+00N 104+50E	2	21	14	75	.3	19	4	545	2.63	21	5	ND	1	9	1	2	3	36	.07	.104	17	42	.44	87	.01	2	1.08	.01	.09	1	2
108+00N 104+75E	5	23	10	88	1.2	12	2	67	1.45	19	5	ND	2	12	1	3	2	39	.08	.031	18	18	.09	79	.01	2	.69	.01	.05	1	1
108+00N 105+00E	4	25	11	79	.3	15	4	97	1.94	16	5	ND	1	9	1	3	3	43	.06	.039	16	21	.16	85	.02	7	.73	.01	.08	1	1
101+00N 100+00E	1	10	7	27	.2	6	2	48	.79	6	5	ND	1	12	1	2	3	34	.08	.020	16	21	.16	121	.03	2	1.03	.01	.03	2	5
101+00N 100+25E	2	28	11	73	.3	21	6	178	3.27	14	5	ND	1	11	1	2	2	55	.06	.047	15	47	.57	74	.02	4	1.66	.01	.07	2	3
101+00N 100+50E	1	25	14	70	.5	14	7	3061	2.02	10	5	ND	1	21	1	2	3	51	.28	.046	10	35	.26	176	.03	12	1.02	.01	.05	1	1
101+00N 100+75E	2	25	9	67	.3	22	6	136	2.28	9	5	ND	1	13	1	2	2	47	.09	.052	16	45	.49	118	.02	3	1.95	.01	.05	1	5
101+00N 101+00E	2	26	13	89	.2	19	7	412	3.06	22	5	ND	1	11	1	2	2	61	.11	.052	15	39	.53	78	.03	5	1.64	.01	.06	1	12
101+00N 101+25E	2	21	6	62	.3	16	6	293	2.66	9	5	ND	2	10	1	2	2	49	.10	.037	14	32	.31	69	.03	2	1.13	.01	.04	2	45
101+00N 101+50E	3	50	13	110	.5	31	9	546	3.47	45	5	ND	1	14	1	2	2	67	.13	.049	14	58	.67	123	.02	6	2.38	.01	.08	1	2
101+00N 101+75E	2	45	12	157	.4	25	9	187	2.93	25	5	ND	1	19	1	2	4	57	.23	.029	15	61	.78	118	.03	6	2.53	.01	.08	1	1
101+00N 102+00E	1	47	16	153	1.2	21	6	267	2.96	187	5	ND	31	62	1	2	2	37	1.00	.088	14	68	.56	77	.01	4	2.48	.01	.06	7	8
101+00N 102+25E	2	51	17	111	.3	38	15	457	4.76	63	5	ND	1	19	1	2	2	76	.22	.071	11	52	.36	98	.04	3	2.39	.01	.08	1	3
101+00N 102+50E	2	18	12	63	.1	13	4	225	1.98	14	5	ND	1	9	1	3	2	46	.06	.031	15	32	.43	94	.01	6	1.35	.01	.11	1	7
101+00N 102+75E	1	29	14	70	.2	17	7	369	3.53	47	5	ND	1	8	1	3	2	87	.04	.033	14	40	.56	97	.04	2	1.62	.01	.06	1	2
101+00N 103+00E	3	15	10	62	.1	13	3	91	1.85	10	5	ND	1	11	1	2	2	46	.09	.024	19	20	.20	67	.02	5	.78	.01	.07	1	8
101+00N 103+25E	3	52	10	106	1.3	28	12	345	3.36	43	5	ND	2	30	3	4	2	49	.29	.069	11	59	.61	146	.01	9	2.19	.01	.08	1	1
STD C/AU-S	18	59	42	132	6.6	69	30	1069	4.21	41	35	8	37	47	19	17	18	58	.47	.084	39	57	.94	180	.07	33	1.97	.06	.14	18	46

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
101+00N 103+50E	2	63	23	154	3.8	48	15	256	3.77	21	5	ND	1	38	7	4	2	49	.41	.094	29	71	.50	284	.02	8	2.82	.01	.06	1	1
101+00N 103+75E	5	96	16	269	2.5	51	9	1778	3.00	175	5	ND	1	102	7	3	2	55	1.48	.127	15	52	.47	158	.01	3	1.89	.01	.06	1	1
101+00N 104+00E	16	32	16	154	.7	19	4	121	1.97	39	5	ND	1	30	2	9	2	77	.15	.073	16	25	.16	126	.01	2	1.13	.01	.08	1	2
101+00N 104+25E	8	36	16	122	1.7	18	5	150	4.01	25	5	ND	1	10	1	5	2	70	.05	.070	15	33	.23	74	.01	2	1.50	.01	.08	1	1
101+00N 104+50E	2	27	19	124	.2	24	11	1654	3.38	18	5	ND	1	19	1	3	2	65	.22	.070	13	48	.49	181	.02	3	1.45	.01	.08	1	4
101+00N 104+75E	3	11	16	76	.2	11	5	426	3.00	12	6	ND	1	15	1	3	2	63	.08	.039	13	25	.45	121	.06	2	1.76	.01	.04	1	1
101+00N 105+00E	1	1	4	22	.3	2	1	54	.42	2	7	ND	1	9	1	2	2	19	.05	.018	20	14	.10	57	.01	7	.70	.01	.04	2	1
99N 95+00E	4	49	21	173	1.2	51	13	522	4.21	40	5	ND	1	22	2	5	2	52	.16	.072	15	89	.80	170	.02	4	2.14	.01	.09	1	1
99N 95+25E	4	28	18	142	.8	33	13	799	3.84	31	5	ND	1	15	1	4	2	52	.14	.075	15	65	.80	195	.01	3	1.67	.01	.13	1	3
99N 95+50E	4	23	18	111	1.0	28	7	328	3.51	33	5	ND	1	9	1	4	2	60	.05	.049	21	63	.60	157	.01	3	1.93	.01	.07	1	1
99N 95+75E	1	20	17	126	.8	15	10	851	4.06	19	5	ND	1	20	1	2	2	69	.38	.085	7	24	1.03	123	.10	2	2.11	.01	.06	1	1
99N 96+00E	3	27	15	126	.6	27	7	432	3.15	18	5	ND	1	15	1	4	2	55	.16	.039	13	34	.64	163	.06	5	1.41	.01	.11	2	1
99N 96+25E	5	21	11	108	.8	18	5	298	2.81	21	6	ND	1	12	1	2	2	66	.09	.034	16	46	.43	177	.01	2	1.84	.01	.06	1	1
99N 96+50E	4	33	16	169	.3	40	8	301	3.97	34	5	ND	1	49	1	5	2	64	.67	.041	12	69	.73	204	.02	4	2.13	.01	.10	1	1
99N 96+75E	3	378	10	209	1.6	26	4	389	1.18	31	5	ND	1	127	1	6	2	19	4.12	.107	8	88	.21	129	.01	2	.94	.01	.04	1	3
99N 97+00E	11	35	11	143	.2	38	8	279	2.94	54	5	ND	1	24	1	3	2	42	.33	.030	10	45	.39	93	.02	2	1.07	.01	.09	1	2
99N 97+25E	9	83	24	238	1.0	42	18	900	5.47	502	5	ND	1	61	1	21	4	29	1.13	.118	9	32	.33	132	.01	2	1.28	.01	.07	1	128
99N 97+50E	3	28	14	105	.1	22	7	326	3.46	155	5	ND	1	18	1	5	2	55	.15	.052	13	43	.35	101	.02	2	1.28	.01	.05	1	6
99N 97+75E	7	49	13	156	.3	32	14	1647	4.74	52	5	ND	1	17	1	4	2	62	.21	.059	9	43	.96	206	.02	10	1.83	.01	.14	1	1
99N 98+00E	5	24	14	117	.1	20	7	588	3.49	20	5	ND	1	15	1	6	2	56	.14	.052	10	28	.70	110	.03	5	1.37	.01	.11	1	1
99N 98+25E	3	17	9	110	.3	24	7	376	3.45	29	5	ND	1	20	1	2	2	61	.19	.070	12	52	.47	91	.05	2	1.22	.01	.08	1	2
99N 98+50E	4	78	14	174	3.7	43	12	1497	2.96	24	5	ND	1	73	2	2	2	35	1.11	.118	18	62	.74	152	.01	6	1.62	.01	.14	1	1
99N 98+75E	4	57	17	180	.1	35	13	837	5.28	234	5	ND	1	19	1	4	5	79	.16	.037	10	58	.60	154	.03	4	2.15	.01	.13	1	6
99N 99+00E	3	58	13	228	2.1	47	14	3302	3.59	66	5	ND	1	101	6	3	2	45	1.82	.082	12	68	.83	171	.03	2	1.97	.01	.13	1	1
99N 99+25E	4	54	7	236	1.3	57	11	1377	2.62	152	5	ND	1	156	5	2	2	23	1.86	.167	8	51	.37	108	.01	4	1.60	.01	.10	1	1
99N 99+50E	2	72	7	119	.1	38	23	969	5.43	634	5	ND	1	23	1	10	2	57	.28	.075	9	48	.87	156	.01	7	1.80	.01	.19	1	16
99N 99+75E	2	19	11	88	.1	21	6	395	3.07	22	5	ND	1	16	1	2	6	76	.13	.033	15	45	.35	114	.05	14	1.51	.01	.06	1	3
99N 100+00E	1	53	23	166	.1	40	24	2005	5.56	289	6	ND	1	22	1	2	5	93	.30	.098	8	65	.88	185	.02	3	2.64	.01	.18	1	97
99N 100+25E	2	26	17	136	.3	23	10	2260	2.88	51	5	ND	1	38	1	2	2	54	.63	.074	10	41	.57	228	.04	18	1.35	.01	.12	1	1
99N 100+50E	2	21	19	82	.3	24	8	423	3.28	19	5	ND	1	14	1	2	2	66	.16	.051	14	52	.82	101	.04	2	1.76	.01	.16	1	5
99N 100+75E	3	26	9	111	.3	47	14	858	4.36	32	5	ND	1	12	1	7	2	80	.08	.049	13	85	.98	104	.04	2	2.03	.01	.07	1	3
99N 101+00E	3	21	16	87	.1	23	7	918	3.11	13	5	ND	1	23	1	2	2	51	.16	.060	13	48	.52	151	.03	2	1.07	.01	.12	1	1
99N 101+25E	2	16	12	71	.4	17	4	138	2.63	18	5	ND	2	19	1	2	2	65	.14	.047	13	40	.49	102	.04	2	1.36	.01	.07	1	6
99N 101+50E	2	29	15	93	.1	30	8	306	3.56	16	5	ND	1	19	1	2	6	73	.17	.044	14	51	.70	109	.04	2	1.54	.01	.11	1	1
99N 101+75E	3	20	9	82	.1	16	6	158	2.23	17	5	ND	1	13	1	2	7	71	.08	.030	15	29	.28	61	.03	2	1.27	.01	.04	1	1
99N 102+00E	2	36	20	112	.2	26	11	498	4.35	27	7	ND	1	25	1	2	2	102	.23	.037	12	73	.94	110	.06	4	2.43	.01	.12	1	37
STD C/AU-S	18	57	41	132	6.8	72	29	1060	4.19	43	17	8	37	47	18	16	22	58	.47	.083	39	58	.93	181	.07	34	1.97	.06	.15	12	48

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
99N 102+25E	4	19	10	88	.6	20	6	105	3.83	14	6	ND	3	19	1	2	2	91	.18	.026	12	69	.50	78	.08	2	2.21	.01	.02	1	1
99N 102+50E	4	47	11	146	1.7	41	12	355	3.28	35	5	ND	2	48	1	2	2	59	.55	.076	12	70	.62	132	.02	2	2.38	.01	.09	1	1
99N 102+75E	2	36	9	110	.2	30	9	438	3.69	91	5	ND	1	20	1	2	2	80	.31	.049	8	74	1.01	123	.05	2	1.78	.01	.08	1	1
99N 103+00E	2	36	9	85	.5	29	9	435	3.60	12	10	ND	2	14	1	4	4	71	.10	.040	11	61	.54	129	.06	2	1.71	.01	.06	1	1
99N 103+25E	4	19	13	98	.6	17	4	148	2.21	5	5	ND	2	27	1	2	3	77	.32	.024	13	53	.53	144	.03	2	2.03	.01	.06	1	1
99N 103+50E	5	24	11	97	.8	18	6	165	2.61	4	5	ND	1	27	1	2	3	69	.32	.035	12	45	.45	131	.02	2	1.92	.01	.03	1	3
99N 103+75E	2	11	3	111	1.6	9	3	82	.97	4	5	ND	1	40	1	2	2	30	.76	.046	7	14	.14	91	.01	2	.71	.01	.04	1	2
99N 104+00E	5	27	13	104	2.3	14	5	151	3.02	15	5	ND	1	6	1	3	2	47	.04	.043	14	22	.41	71	.01	3	1.38	.01	.04	1	1
99N 104+25E	2	39	10	96	1.3	18	7	562	3.67	11	5	ND	2	10	1	3	2	57	.06	.084	10	20	.72	108	.01	2	1.85	.01	.04	1	1
99N 104+50E	3	26	13	104	.5	17	7	502	4.46	14	6	ND	2	9	1	2	2	81	.05	.050	12	32	.60	78	.03	3	2.07	.01	.03	1	1
99N 104+75E	4	22	9	109	.9	16	5	331	2.55	7	5	ND	1	6	1	2	2	49	.03	.036	16	30	.31	86	.02	2	1.49	.01	.06	1	1
99N 105+00E	2	13	7	75	.3	11	3	146	1.60	5	5	ND	1	11	1	2	2	38	.06	.029	15	29	.25	54	.02	3	1.22	.01	.03	1	4
97N 95+00E	20	47	11	266	.6	41	10	564	4.07	29	5	ND	1	12	2	4	2	73	.08	.080	12	40	.32	253	.01	2	1.87	.01	.06	1	6
97N 95+25E	3	63	10	158	1.1	40	11	1699	3.46	19	5	ND	1	28	1	2	2	37	.30	.119	10	31	.53	392	.01	2	1.39	.01	.10	1	6
97N 95+50E	2	47	11	133	.8	24	10	796	3.40	19	5	ND	1	22	1	2	2	37	.23	.122	13	34	.66	161	.01	7	1.36	.01	.09	1	5
97N 95+75E	7	39	15	157	3.3	20	8	1174	3.23	63	5	ND	1	20	1	3	2	52	.27	.080	11	25	.63	270	.01	6	1.45	.01	.09	1	1
97N 96+00E	8	64	15	250	.8	41	16	689	5.64	173	5	ND	1	63	2	2	2	92	.44	.069	12	50	.80	276	.01	2	3.35	.01	.05	1	9
97N 96+25E	3	38	12	111	.5	28	7	334	3.71	39	5	ND	1	16	1	3	2	68	.25	.071	11	56	.55	115	.04	2	1.59	.01	.03	1	4
97N 96+50E	4	21	8	71	.1	18	5	155	3.12	40	6	ND	1	7	1	2	2	72	.07	.027	13	43	.34	91	.04	2	1.42	.01	.04	1	3
97N 96+75E	6	86	19	167	.8	45	16	356	6.77	82	5	ND	4	16	1	4	2	64	.14	.032	14	69	.71	100	.01	2	2.74	.01	.06	1	5
97N 97+00E	2	46	16	132	.4	26	10	505	4.60	51	5	ND	1	10	1	2	2	50	.09	.055	11	43	.34	119	.01	2	1.49	.01	.04	1	32
97N 97+25E	3	34	9	117	.2	25	8	906	3.32	32	5	ND	1	11	1	2	6	53	.09	.046	16	39	.25	351	.01	2	1.37	.01	.04	1	4
97N 97+50E	4	59	12	208	2.0	53	17	2038	4.23	40	5	ND	2	73	2	4	2	89	.88	.122	13	87	.93	212	.01	3	2.48	.01	.15	2	1
97N 97+75E	5	34	13	146	.8	40	12	377	4.33	117	5	ND	1	97	1	2	4	60	1.31	.032	12	69	.67	341	.02	2	1.95	.01	.09	1	5
97N 98+00E	4	66	13	233	.7	49	16	1134	4.94	297	5	ND	1	37	2	4	2	64	.37	.071	15	86	.71	148	.01	2	2.36	.01	.09	1	33
97N 98+25E	3	155	20	207	2.6	63	14	947	3.80	286	5	ND	1	72	4	2	2	44	.91	.112	12	96	.54	110	.02	2	2.22	.01	.05	1	39
97N 98+50E	2	117	7	163	1.3	81	25	2050	4.65	150	5	ND	1	106	2	3	2	82	1.29	.088	10	170	1.62	120	.03	2	2.64	.01	.12	1	32
97N 98+75E	2	57	16	170	1.4	54	17	749	4.50	169	5	ND	1	72	1	2	2	64	.79	.052	13	109	.90	110	.03	2	2.16	.01	.09	1	21
97N 99+00E	3	59	19	153	1.1	43	13	2379	3.80	80	5	ND	1	111	1	2	2	60	1.36	.076	10	107	.78	127	.02	2	1.97	.01	.10	1	16
97N 99+25E	3	26	16	126	.1	23	9	308	3.58	26	5	ND	1	31	1	2	3	98	.28	.032	8	64	.55	107	.05	2	1.68	.01	.03	2	6
97N 99+50E	3	23	12	125	.3	35	10	641	3.70	18	5	ND	1	29	1	2	3	69	.33	.047	11	70	.84	154	.04	8	1.27	.01	.13	1	4
97N 99+75E	3	57	15	112	.3	78	23	956	5.71	65	5	ND	1	20	1	2	2	103	.20	.065	9	183	1.33	151	.03	2	2.28	.01	.08	1	1
97N 100+00E	1	31	10	93	.3	35	17	1563	4.21	36	5	ND	1	45	1	2	2	71	.70	.054	8	85	1.19	280	.02	4	1.81	.01	.11	1	5
97N 100+25E	4	20	8	80	.1	24	5	225	2.89	11	5	ND	1	19	1	2	2	60	.18	.042	13	57	.52	117	.05	2	1.21	.01	.05	1	1
97N 100+50E	1	66	9	106	.5	29	19	582	5.96	57	5	ND	1	38	1	2	2	113	.41	.070	7	54	1.05	146	.02	2	2.59	.01	.09	1	47
97N 100+75E	1	45	16	93	.3	20	16	1159	5.25	17	5	ND	1	33	1	2	2	98	.42	.095	5	41	1.31	125	.02	2	2.13	.01	.13	1	3
STD C/AU-S	18	59	41	132	7.1	68	30	1059	4.18	38	14	7	36	47	17	16	19	58	.47	.080	39	59	.94	179	.07	34	1.99	.06	.16	12	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
97N 101+00E	2	30	16	126	.3	23	14	866	3.72	100	5	ND	1	21	1	2	2	90	.29	.066	10	49	.73	119	.04	3	2.29	.01	.08	1	30
97N 101+25E	2	17	12	66	.3	11	5	623	2.33	24	5	ND	1	17	1	2	2	62	.21	.057	12	32	.29	75	.04	7	1.30	.01	.05	1	3
97N 101+50E	2	22	15	147	1.3	12	11	2488	2.43	9	5	ND	1	33	1	2	6	53	.40	.093	7	28	.43	135	.03	2	1.18	.01	.10	1	2
97N 101+75E	2	27	12	92	.4	18	10	4448	2.44	21	5	ND	1	14	1	2	2	53	.17	.062	11	35	.29	184	.02	6	1.01	.01	.09	1	1
97N 102+00E	2	13	9	56	.3	12	3	162	1.46	6	6	ND	1	10	1	3	2	34	.07	.044	14	39	.33	58	.02	4	1.19	.01	.07	1	1
97N 102+25E	2	19	9	78	.2	19	6	571	2.06	9	6	ND	1	21	1	2	5	44	.16	.049	10	46	.47	112	.01	5	1.11	.01	.07	1	2
97N 102+50E	3	19	13	85	.4	17	7	602	2.27	9	5	ND	1	13	1	2	5	50	.10	.043	10	42	.33	119	.04	12	.93	.01	.06	1	1
97N 102+75E	2	20	14	73	.2	19	7	722	2.20	9	5	ND	1	19	1	2	5	59	.17	.043	11	46	.31	141	.04	6	.99	.01	.07	1	1
97N 103+00E	3	42	17	111	.4	31	13	922	3.83	16	5	ND	1	20	1	3	3	71	.18	.060	10	71	.85	150	.05	4	1.62	.01	.09	1	1
97N 103+25E	3	17	17	76	.3	26	7	414	2.23	4	5	ND	3	14	1	4	2	58	.17	.051	7	77	.50	131	.08	4	1.01	.01	.06	2	2
97N 103+50E	3	24	8	80	.4	24	10	565	2.85	16	5	ND	2	21	1	2	4	66	.21	.040	10	68	.74	127	.03	2	1.39	.01	.09	1	6
97N 103+75E	3	44	14	102	.5	37	11	598	4.61	54	7	ND	3	14	1	2	2	96	.20	.062	8	97	1.55	105	.03	2	2.05	.01	.10	1	1
97N 104+00E	4	46	31	169	1.3	29	8	1692	2.85	27	7	ND	1	27	1	3	2	36	.57	.097	5	49	.66	172	.02	5	.99	.01	.11	1	32
STD C/AU-S	18	60	42	132	7.1	67	30	1051	4.18	41	24	8	37	48	19	16	20	59	.47	.088	40	60	.92	183	.07	36	2.07	.06	.13	14	49

APPENDIX III

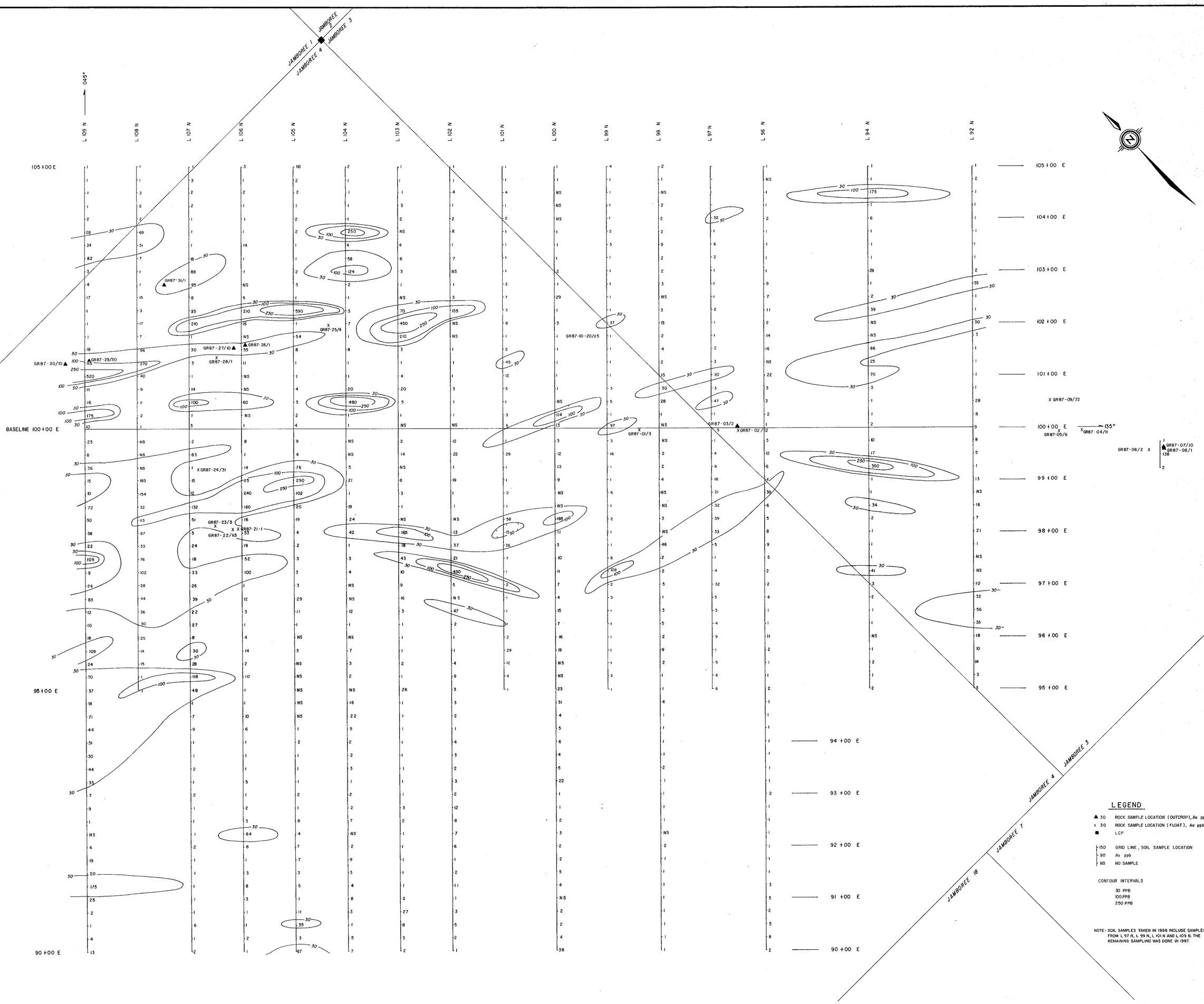
LINECUTTING SUMMARY

LINECUTTING SUMMARY

RIDGE GRID

JAMBOREE PROPERTY, CARIBOO M.D.

LINE	FROM	TO	LENGTH
Baseline	L 100 N	L 109 N	0.9 km
L 100 N	L 95 E	L 105 E	1.0 km
L 101 N	L 95 E	L 105 E	1.0 km
L 102 N	L 95 E	L 105 E	1.0 km
L 103 N	L 95 E	L 105 E	1.0 km
L 104 N	L 95 E	L 105 E	1.0 km
L 105 N	L 95 E	L 105 E	1.0 km
L 106 N	L 95 E	L 105 E	1.0 km
L 107 N	L 94 E	L 105 E	1.1 km
L 108 N	L 94 E	L 105 E	1.1 km
L 109 N	L 94 E	L 105 E	1.1 km
			11.2 km



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IMPERIAL METALS CORPORATION

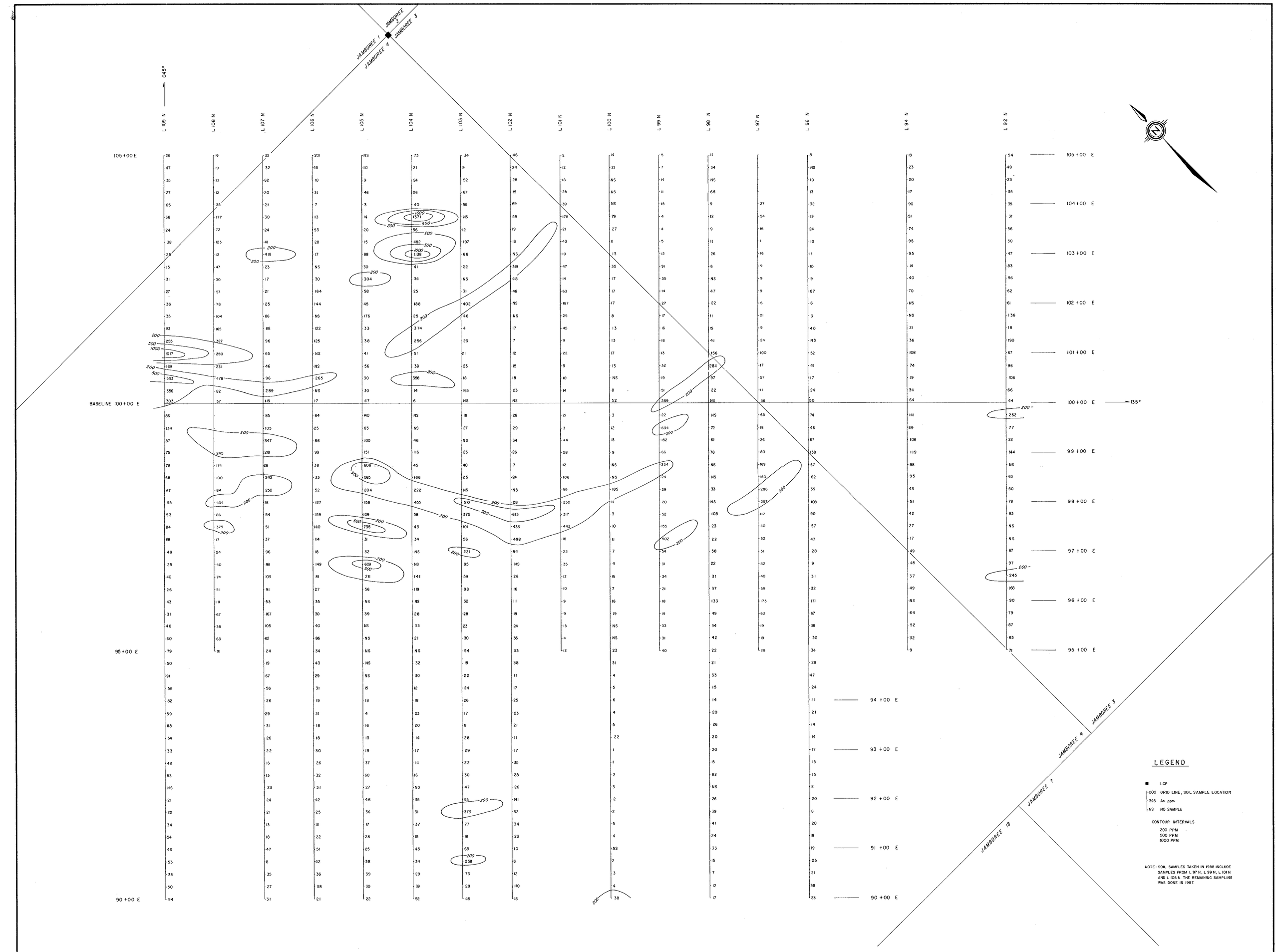
JAMBOREE
CARIBOO M.D., B.C.

FIGURE 5 N.T.S. 93A 7W

RIDGE GRID
SOIL GEOCHEMISTRY
GOLD

metres 0 50 100 150 200 250 metres

SCALE: 1:2500	GEOLOGIST: D. GORC
DATE: SEPTEMBER, 1988	DRAWN BY: J. CORKUM



LEGEND

- LCP
- 200 GRID LINE, SOIL SAMPLE LOCATION
- 345 As ppm
- NS NO SAMPLE

CONTOUR INTERVALS

200 PPM
500 PPM
1000 PPM

NOTE: SOIL SAMPLES TAKEN IN 1988 INCLUDE SAMPLES FROM L 97 N, L 99 N, L 101 N AND L 108 N. THE REMAINING SAMPLING WAS DONE IN 1987.

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IMPERIAL METALS CORPORATION

JAMBOREE
CARIBOO M.D., B.C.

FIGURE 6 N.T.S. 93A 7W

RIDGE GRID
SOIL GEOCHEMISTRY
ARSENIC

metres 0 50 100 150 200 250 metres

SCALE: 1:2500	GEOLOGIST: D. GORC
DATE: SEPTEMBER, 1988	DRAWN BY: J. CORKUM