Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources
GEOLOGICAL SURVEY BRANCH

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]: Geological + Geochemical

TOTAL COST: $ 13,072.57

AUTHOR(S): Wesley Raven   SIGNATURE(S): Wesley Raven

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): PRG 1996-1300293-7702   YEAR OF WORK: 1996

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S):

PROPERTY NAME: Chaco Bear

CLAIM NAME(S) (on which work was done): Chaco Bear 1 (312051)
Chaco Bear 3 (312053) Chaco Bear 4 (312054)

COMMODITIES SOUGHT: Gold, Copper.

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: OMINECA   NTS: 94D 12W

LATITUDE: 56 ° 08 ' ___ "   LONGITUDE: 126 ° 56 ' ___ " (at centre of work)

OWNER(S)

1) J.M. Ashton   2)

MAILING ADDRESS

#707 - 609 W. Hastings St.
Vancouver, B.C.
V6B 4W4

OPERATOR(S) [who paid for the work]

1) Imperial Metals Corporation   2)

MAILING ADDRESS

#420 - 355 Burrard St.
Vancouver, BC
V6C 2G8

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Property is underlain by Lower to Middle Jurassic Hazelton Group volcanics comprised of green to purple andesite tuff, lapilli tuff, and agglomerate with local hematite, chlorite and epidote alteration. Mineralization comprised of narrow veins from 0.1 to 1.0 metres with chalcopyrite and specular hematite with malachite stain, veins trend 330°/60°SW

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS

Assessment Reports No.

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	Reconnaissance	Chaco Bear 1, 3, 4	5300.00
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil	91	Chaco Bear 1	1384.13
Silt			
Rock	7	Chaco Bear 1, 3, 4	246.10
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying		Chaco Bear 1	5179.34
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)	5.4 line-kilometres	Chaco Bear 1	963.00
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	13,072.57

SUMMARY

A limited exploration program consisting of rock and soil geochemical sampling was completed on the Chaco Bear Project on behalf of Imperial Metals Corporation. The property is located approximately 150 kilometres north of Smithers, B. C., in the Skeena Mountains. The property consists of four 4-post claims which are owned by a private individual with Imperial earning an interest from the vendor.

This report describes the exploration program completed on the claims from July 18 to July 23, 1996. Work consisted of flagged-line grid establishment for subsequent soil geochemical surveys and rock sampling of various showings throughout the claims. A total of 7 rock and 91 soil samples were collected.

The rock sampling confirmed the presence of anomalous gold and copper mineralization from areas previously sampled by Suncor Inc. in 1984 and 1985. Results include a high of 22.16 g/t gold and 6.81% copper from rock sample #CB004. The soil sampling outlined a few areas of anomalous gold, silver and copper. Silver shows a modest anomaly in the southern portion of the grid; copper anomalies are found in the southern and western parts of the grid while gold anomalies occur as single station highs.

Further work would be required to fully evaluate the property. This work should include mapping and prospecting throughout the claims, particularly in the northern half,

which has received less work than the southern portion of the project. In addition, the various rock, soil, and geophysical anomalies previously outlined by Suncor in 1984 and 1985 should be followed up. A number of highly anomalous gold and copper assays were received from the Suncor work and should be further examined to see if the veins sampled are of sufficient grade, width and/or density to be further developed.

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INTRODUCTION

This report discusses the results of a limited exploration program completed on the Chaco Bear project on behalf of Imperial Metals Corporation, who is optioning the property from a private individual, J. Ashton. Work completed consisted of a flagged grid for soil geochemical surveys in the northwest portion of the property and rock sampling of anomalous areas throughout the claims. The work was completed intermittently between July 18 to July 23, 1996.

LOCATION AND ACCESS

The property is located in the Omineca Mining Division in NTS map area 94D/2. The claims are located at the headwaters of the Driftwood River approximately 5 kilometres west of Bear Lake, which is approximately 160 kilometres north of Smithers, B. C. The claims are centred at 56°08'N latitude and 126°56'W longitude (Figure 1).

Access to the property is obtained by helicopter from Smithers, B. C. A network of logging roads up the Nilkitkwa River valley to the Nilkitkwa logging camp provide road access to within 45 kilometres south-southeast of the property. Alternatively, a larger camp could be mobilized to the north end of the Bear Lake via float plane with helicopter support providing daily access to the claims. The B.C.R. Dease Lake extension rail line leaves from Fort. St. James and passes by the east side of Bear Lake providing the closest non-airsupported access. The rail access would provide the

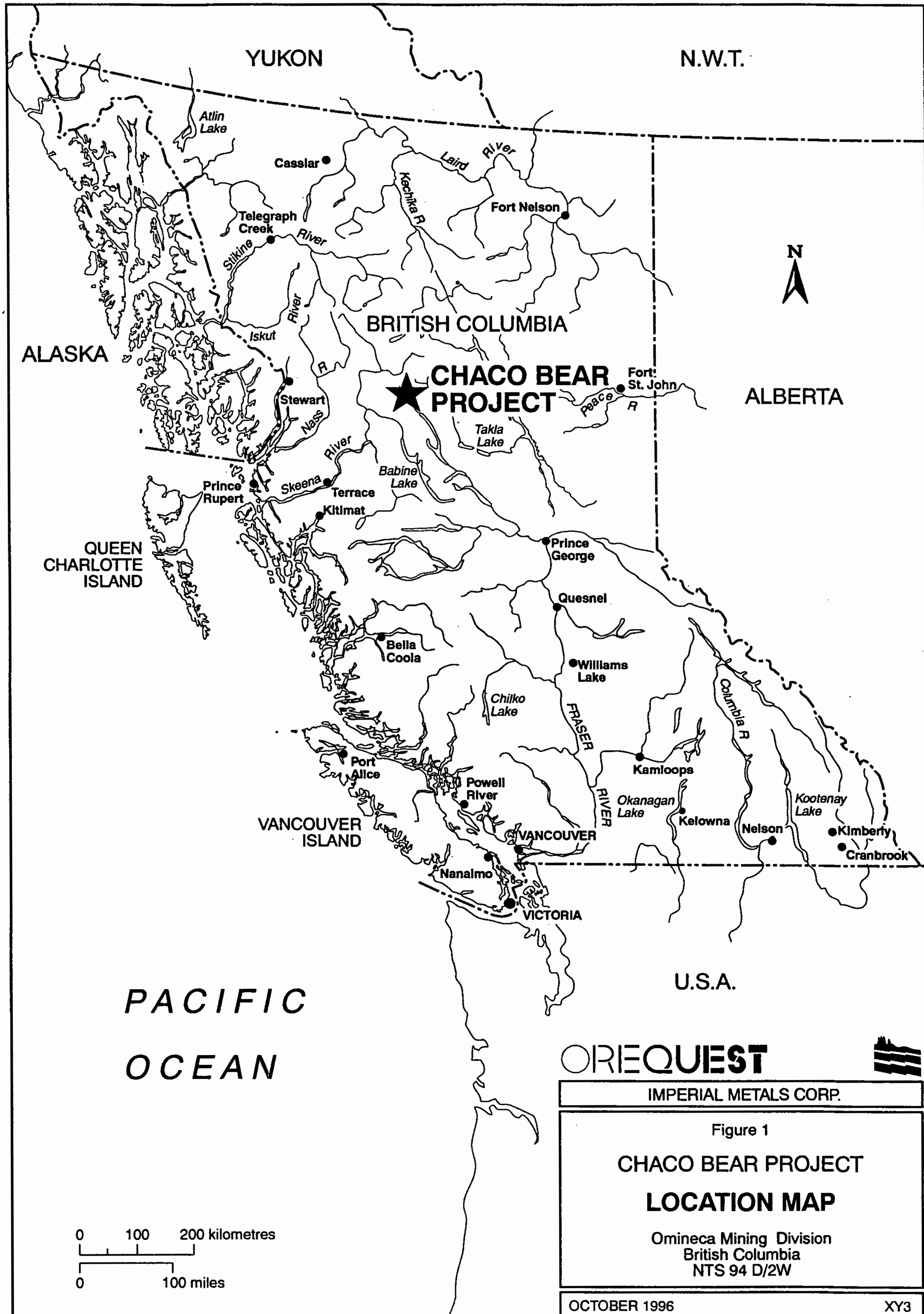


Figure 1

CHACO BEAR PROJECT

LOCATION MAP

Omineca Mining Division
British Columbia
NTS 94 D/2W

OCTOBER 1996 XY3

cheapest transportation of heavy equipment to the area, though the service does not run during the winter months.

PHYSIOGRAPHY AND VEGETATION

The Chaco Bear claims encompass the headwaters of the Driftwood River valley in the Skeena Mountains district. The topography is quite rugged with steep sided mountain slopes and knife edge ridges. Elevations range from 1,380 metres in the Driftwood River Valley and 1,020 metres in the northeast portion of the property, to 2,183 metres on the ridge traversing the southwestern portion of the claims.

Most of the property is above treeline in alpine terrain. Alpine vegetation consists of small bushes and grasses with local areas of moss. Lower portions of the Driftwood River valley contain stunted trees including spruce and some pine. Large talus slopes are present throughout the claims and are generally devoid of vegetation except for small mosses and lichen.

The claims are snow covered for a good portion of the year resulting in a fairly narrow window within which to conduct exploration surveys. A typical field season would last from roughly mid-June to mid-October.

CLAIM STATUS

The property is comprised of four contiguous mineral claims, the Chaco Bear #1-4 claims, located in the Omineca Mining Division. The claims are comprised of 80 units encompassing an area of 2000 hectares (4942 acres). The claims are currently registered to J. M. Ashton who has a 100% interest. Imperial Metals has the option to earn a 100% interest in the project from the vendor over a seven year period. The claim blocks are shown in Figure 2. Table 1 lists relevant information for the respective claims. Complete title opinions and individual option agreements are beyond the scope of this report. Detailed information on these matters can be obtained from the companies or their solicitors.

TABLE 1 - CLAIM INFORMATION

Claim Name	Record No.	No. of units	Current Expiry Date*
Chaco Bear 1	312051	20	August 6, 1997
Chaco Bear 2	312052	20	August 6, 1997
Chaco Bear 3	312053	20	August 6, 1997
Chaco Bear 4	312054	20	August 6, 1997

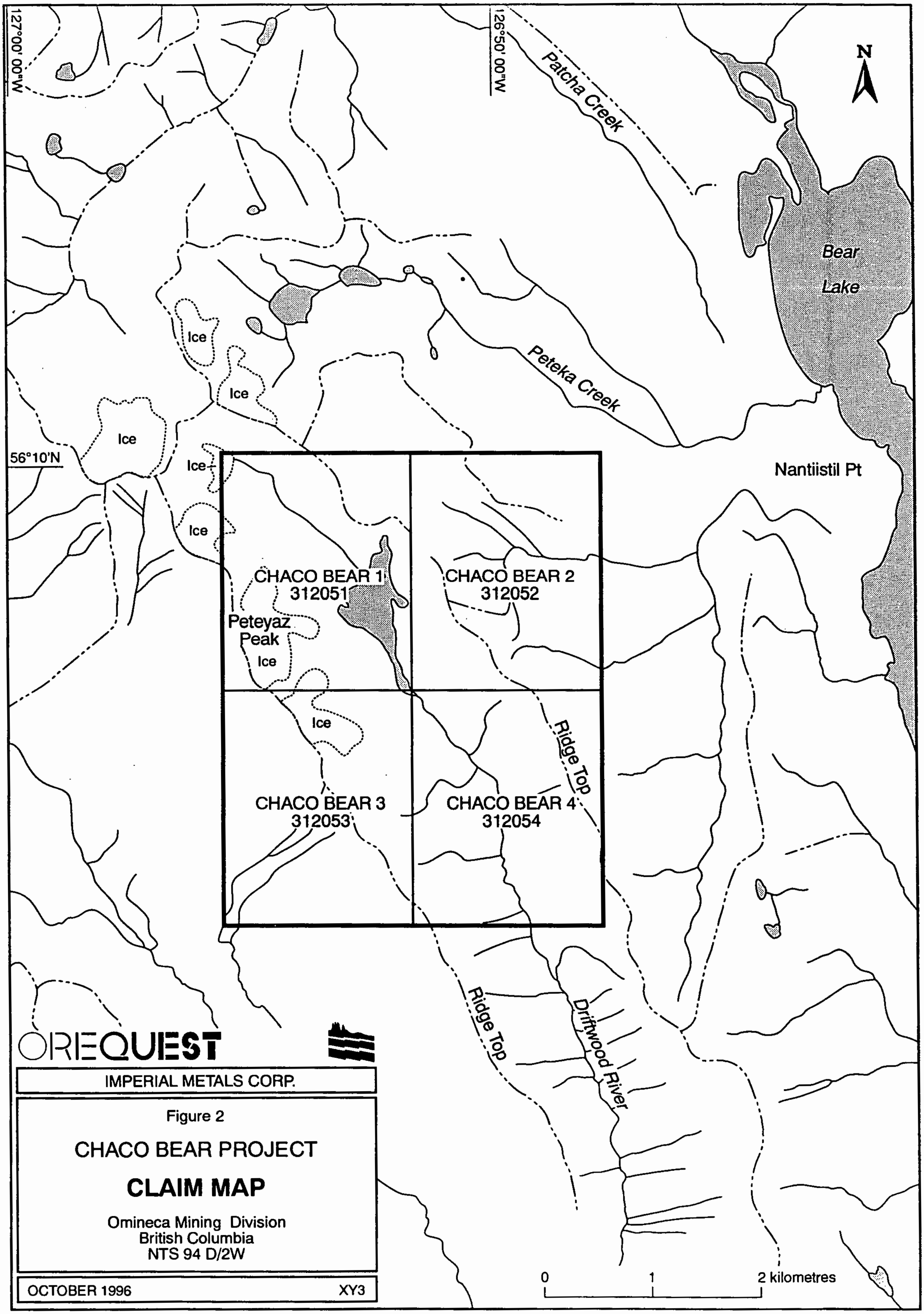
* pending approval of assessment credit applied for with this report.

HISTORY AND PREVIOUS WORK

Very little recorded exploration work has been completed on the Chaco Bear claims but the property has been examined by previous operators. A brief summary of the previous work history is provided below:

1948 - Area is mapped as part of a regional survey of the McConnell Creek Area by C. S. Lord, Geological Survey of Canada Memoir 251.

1968 - Cominco stakes the Dave claims over a portion of the present day claims and completes electromagnetic (horizontal loop) geophysical surveys totalling 7.8 line-miles. The survey was unsuccessful in locating any conductive zones.



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IMPERIAL METALS CORP.

Figure 2

CHACO BEAR PROJECT

CLAIM MAP

Omineca Mining Division
British Columbia
NTS 94 D/2W

OCTOBER 1996 XY3

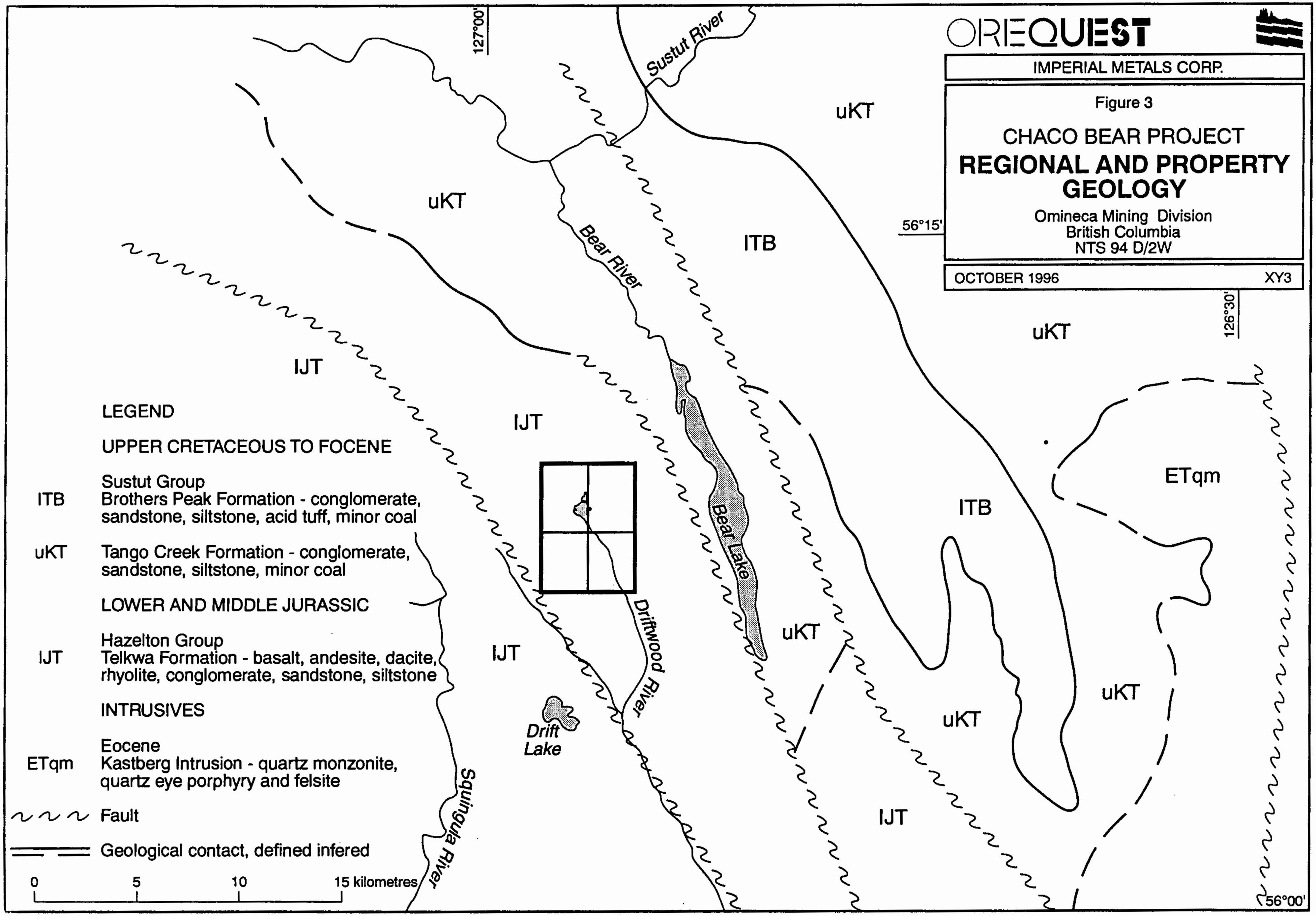
1984 - Suncor Inc. Resources Group of Calgary, Alberta, stakes the Peteka 1-4 claims and completes preliminary stream sediment sampling and prospecting. The surveys outline anomalous gold and copper values in the stream sediments collected from the Driftwood River valley as well as from the rock samples.

1985 - Suncor Inc. Resources Group completes further detailed exploration surveys consisting of prospecting, geological mapping, soil geochemical surveys, rock sampling, and magnetic and VLF-EM geophysical surveys. Most of the work was completed over a 15.25 line km grid along the Driftwood River valley over the central portion of the present day Chaco Bear 3 claim. The surveys were successful in locating several areas of anomalous soil and rock geochemistry as well as zones of anomalous magnetics and several VLF-EM conductors.

REGIONAL GEOLOGY

The area was first mapped by C. S. Lord between 1941 to 1945, the results of that work were reported in 1948 in Geological Survey of Canada Memoir 251. Lord classified the rocks in the area as belonging to the Upper Jurassic division of the Takla Group Volcanics. He further subdivided the units into a lower section of predominantly volcanic rocks and an upper section of mostly sedimentary rocks, with lesser intercalated volcanic units. Richards, 1976, has re-classified the rocks as forming part of the Hazelton Group volcanics.

The Lower to Middle Jurassic aged Hazelton Group, in the McConnell Creek map area, is further subdivided into an upper unit of mostly sedimentary rocks and a lower unit of mostly volcanic rocks. The Chaco Bear claims are underlain primarily by lower members of the Hazelton Group volcanics (Figure 3).


OREQUEST
IMPERIAL METALS CORP.
Figure 3
CHACO BEAR PROJECT
REGIONAL AND PROPERTY GEOLOGY
Omineca Mining Division
British Columbia
NTS 94 D/2W
OCTOBER 1996
XY3
127°00'
126°30'
56°15'
56°00'
Sustut River
Bear River
Bear Lake
Driftwood River
Drift Lake
Squingula River
uKT
lTB
lJT
ETqm
LEGEND
UPPER CRETACEOUS TO FOCENE
Sustut Group
lTB Brothers Peak Formation - conglomerate, sandstone, siltstone, acid tuff, minor coal
uKT Tango Creek Formation - conglomerate, sandstone, siltstone, minor coal
LOWER AND MIDDLE JURASSIC
Hazelton Group
lJT Telkwa Formation - basalt, andesite, dacite, rhyolite, conglomerate, sandstone, siltstone
INTRUSIVES
Eocene
ETqm Kastberg Intrusion - quartz monzonite, quartz eye porphyry and felsite
Fault
Geological contact, defined infered
0
5
10
15 kilometres

PROPERTY GEOLOGY

No detailed geological mapping was completed during the short exploration program. The most detailed work available on the property was completed by Suncor Inc., Resources Group in 1984 and 1985. That work focused on the southern half of the present day claims, east and west of the Driftwood River. Their mapping indicates the property is underlain primarily by volcanic rocks of the Hazelton Group, with minor sedimentary units also present.

Three main rocks types were encountered and were subdivided as follows; mafic lava flows, mafic to intermediate tuff and agglomerates, and interflow sediments. These units have been intruded by quartz-feldspar porphyry dykes believed to be related to the Tertiary aged Katsberg Intrusion, which is comprised of quartz monzonite, quartz-eye porphyry and felsite.

EXPLORATION PROGRAM

A limited exploration program was completed on the property between July 18 to July 23, 1996. The work consisted of rock sampling of previously outlined anomalous areas and grid based soil geochemical surveys. A total of 7 rock samples and 91 B-horizon soil samples were collected and sent for analysis. The samples were analyzed by Eco-Tech Laboratories Ltd. in Kamloops, B. C. for gold and a 28 element ICP analysis. Any gold, silver, or copper values exceeding the detection limits were subsequently assayed.

Rock Sampling

Several rock samples were collected from various locations throughout the property. The samples are grabs and/or chips as shown on the accompanying table; locations of the samples are plotted on Figure 4.

TABLE 2 - ROCK SAMPLES

Sample No.	Type	Location	Lithology	Au (ppb)	Cu%
CB 002	Chip - 0.5 metres	Chaco Bear 1	Quartz-carbonate veining in andesite with chalcopyrite, malachite and azurite	705	0.63
CB 003	Float	Chaco Bear 4	Andesite with weak carbonate stringer veins and epidote. Has 3-6% fine pyrite.	5	0.02
CB 004	Float	Chaco Bear 4	Float boulder of quartz vein? with semi-massive chalcopyrite (10-20%) specular hematite (10%) and pyrite (2-3%)	22.16 g/t	6.81
CB 005	Grab	Chaco Bear 3	Gossan Zone Silicified 2-5% dissem. pyrite	145	0.08
CB 006	Grab	Chaco Bear 3	Silicified andesite/dacite. Strong epidote, 1-4% fine disseminated pyrite	5	0.01
CB 007	Grab	Chaco Bear 3	Silicified andesite or dacite. Epidote as blotches. Strong gossan. Has 2-6% fine disseminated pyrite.	5	0.01
CB 008	Chip - 15 cm	Chaco Bear 3	Massive specular hematite vein	525	0.02

The results indicate that anomalous concentrations of gold and copper are present in some of the samples. Further work would be required to fully evaluate the results.

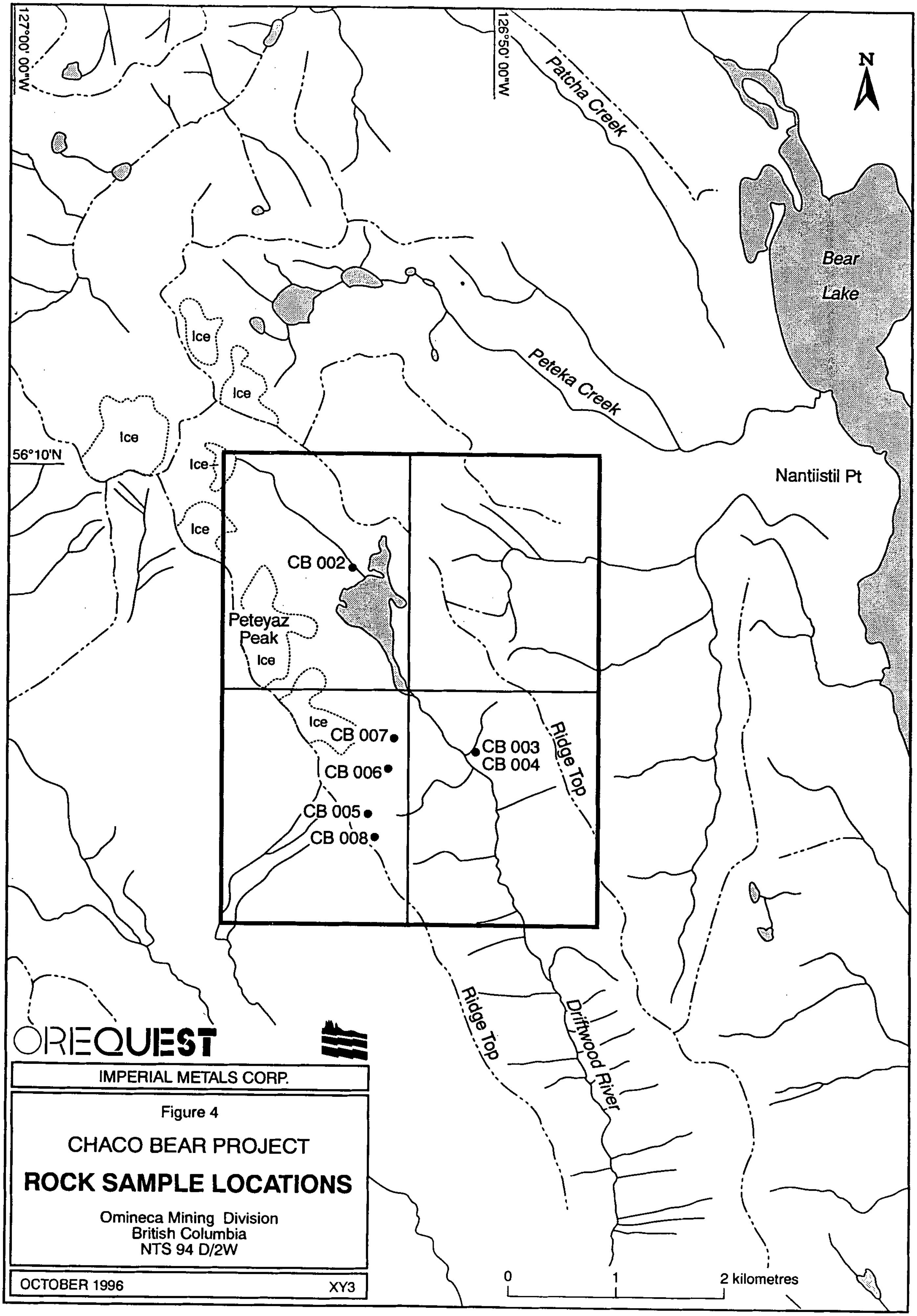


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Figure 4

CHACO BEAR PROJECT

ROCK SAMPLE LOCATIONS

Omineca Mining Division
British Columbia
NTS 94 D/2W

OCTOBER 1996 XY3

Soil Geochemical Surveys

A total of 91 B-horizon soil samples were collected from a flagged line grid. The grid was established off the northwest edge of the unnamed lake on the east side of the Chaco Bear 1 claim. The baseline trends 330° with cross lines at 200 metre intervals orthogonal to the baseline. Samples were collected at 50 metre intervals, where possible, along the cross lines. Snow conditions dictated the availability of sample locations, thus not all samples are evenly spaced along the grid lines (Figure 5).

Gold distribution in the soil samples is mostly as single station highs. The majority of samples returned assay results below the detection limits, with only three samples reporting values greater than 15 ppb gold. These locations and assays are as follows: L5N, 3+50E (> 1000 ppb), L7N, 4+50W (40 ppb) and L7N, 0+70E (45 ppb). The value of >1000 ppb gold is highly anomalous and should be followed up (Figure 6a).

Silver assays are generally fairly low with over half the samples returning values below the detection limits. An arbitrary value of 1.0 ppm was chosen as anomalous. All results ≥1.0 ppm silver are found on the two southernmost lines, L1N and L3N with the exception of one value of 1.8 ppm on L11N, 2+20E. Most of these higher values are found as single station highs though there is a north-northeast trend, east of the baseline, on lines 1N and 3N with assays ranging from 1.0 to 2.4 ppm silver. Follow-up work would be required to evaluate the elevated silver values and determine their source (Figure 6b).

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Figure 5

CHACO BEAR PROJECT
SOIL SAMPLING GRID LOCATION

Omineca Mining Division
British Columbia
NTS 94 D/2W

OCTOBER 1996 XY3

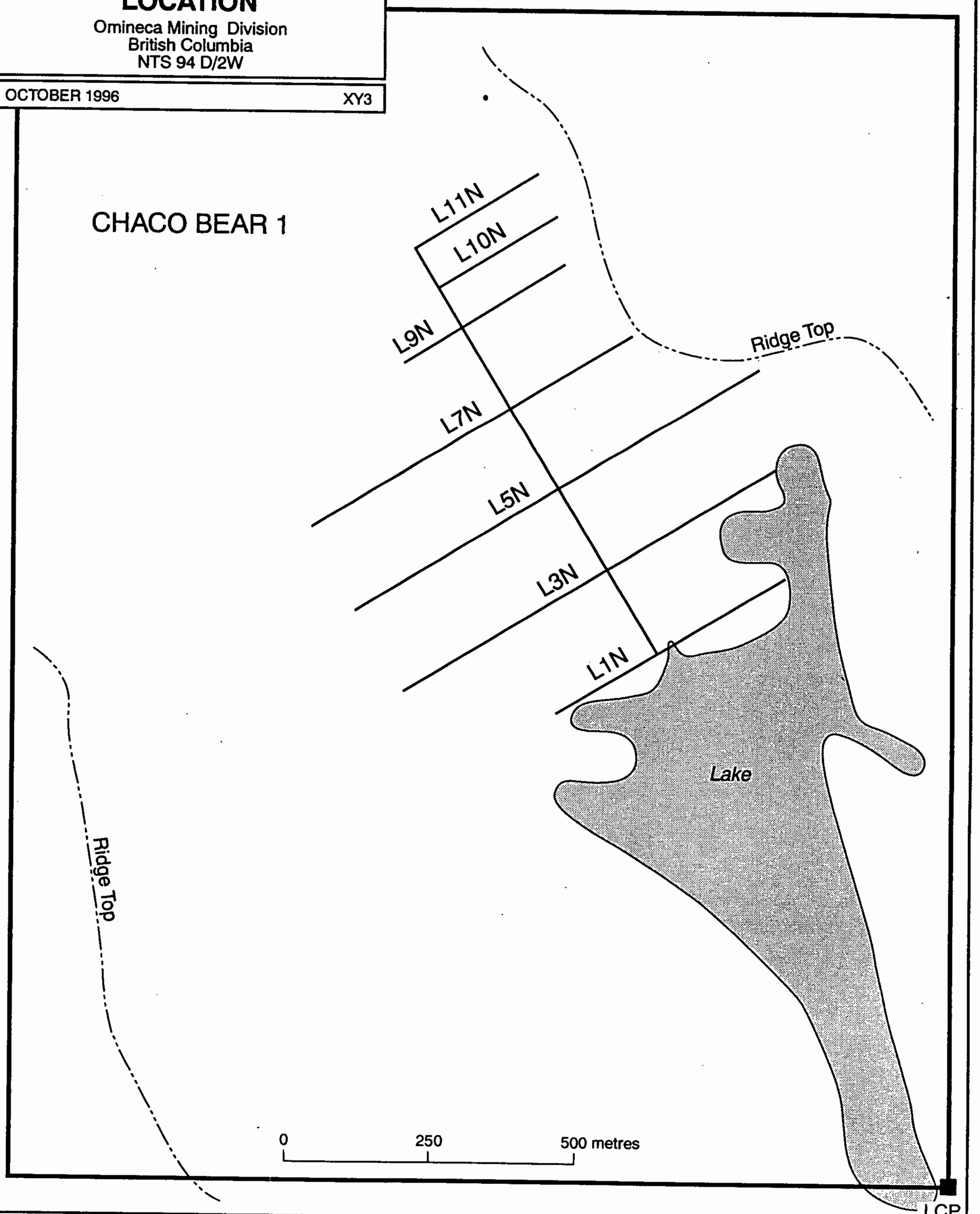

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Figure 6a

CHACO BEAR PROJECT

SOIL GEOCHEMISTRY (Au)

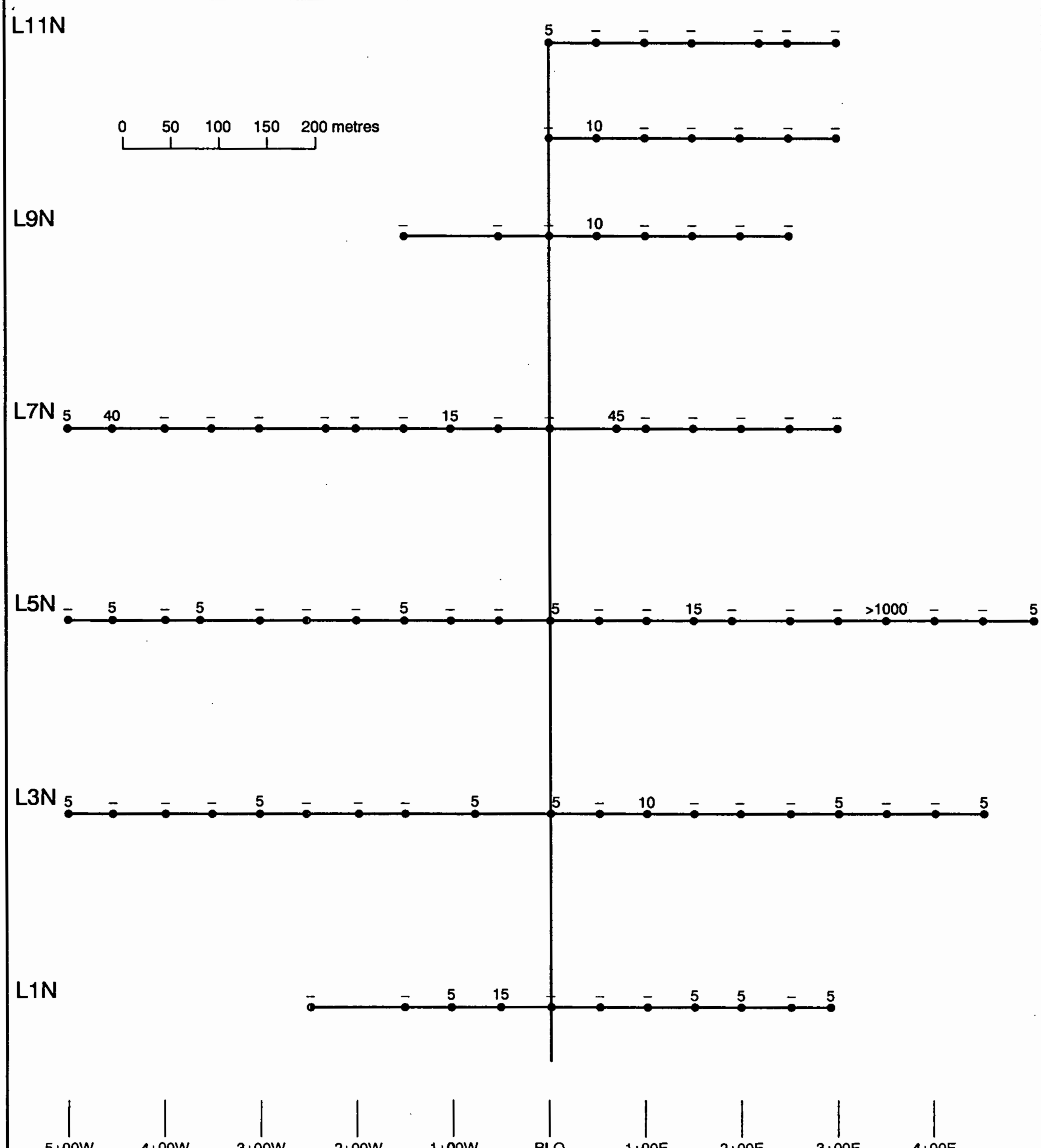
Omineca Mining Division
British Columbia
NTS 94 D/2W

OCTOBER 1996 XY3

330° N

– Assay below detection limit (<5 ppb)

10 Soil sample location and assay (ppb)



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IMPERIAL METALS CORP.

Figure 6b

CHACO BEAR PROJECT

SOIL GEOCHEMISTRY (Ag)

Omineca Mining Division
British Columbia
NTS 94 D/2W

OCTOBER 1996 XY3

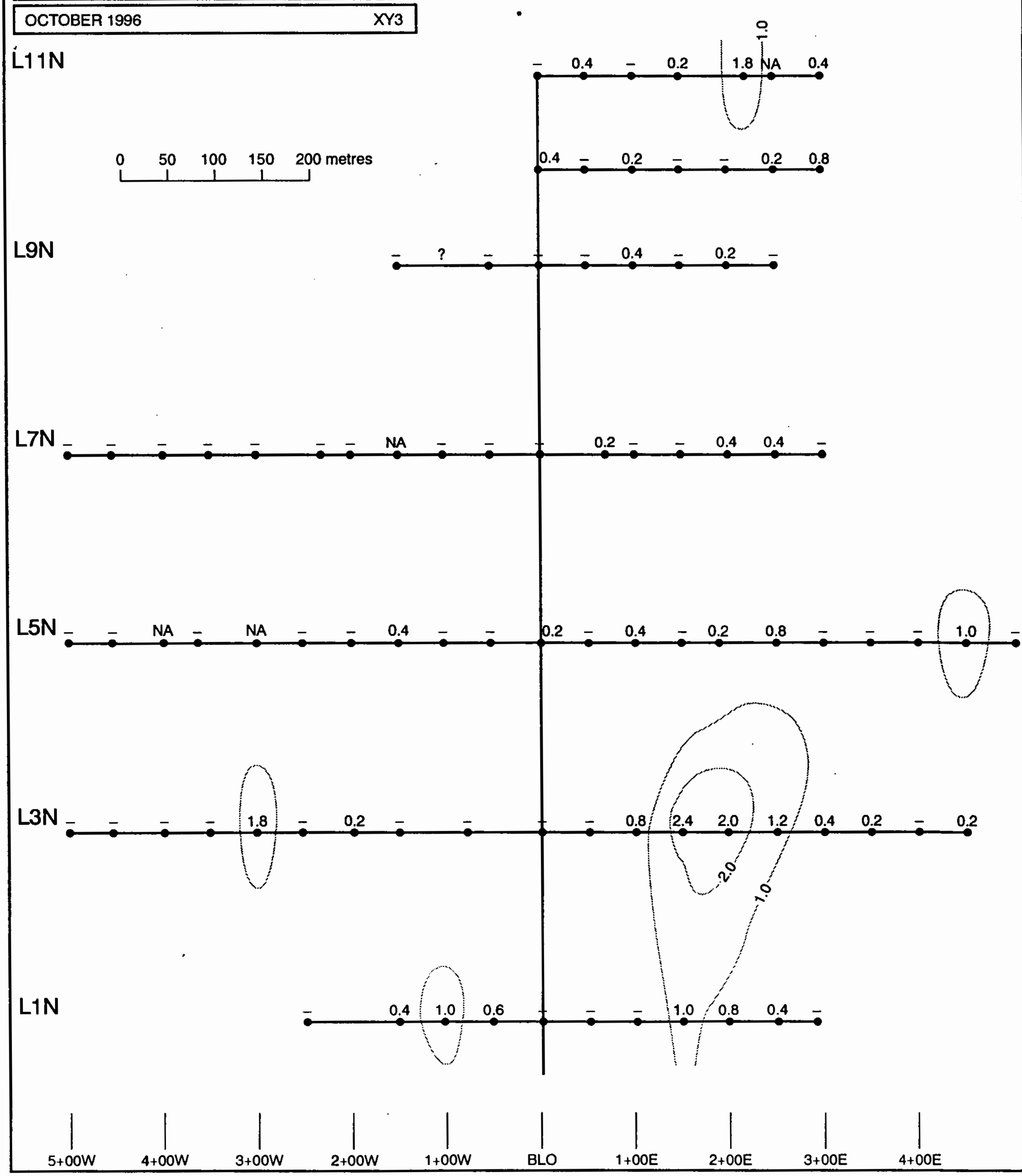
330°
N

NA No assay

– Assay below detection limit (<0.2 ppm)

1.0 Soil sample location and assay (ppm)

Contour interval = 1.0 ppm



Copper assays are also fairly low throughout the grid area with 9 samples assaying greater than 100 ppm copper. These elevated copper results are located in two main areas, one near the west end of the grid on lines 5N and 7N with a high of 162 ppm copper, and the other just east of the baseline, on L3N and L5N, with a high of 218 ppm copper. Single station anomalies are found on L1N, 2+50W (179 ppm) and L1N, 2+50E (339 ppm) (Figure 6c).

In summary, no broadly anomalous trends for gold, silver, and copper are evident from the geochemical survey. However, the line and sample spacing is broad, a more detailed survey may further refine the anomalous areas outlined by the survey. Other elements were analysed but have not been plotted. Ranges for some of these elements are as follows: molybdenum (<1 to 6 ppm), lead (8 to 126 ppm) and zinc (42 to 275 ppm).

CONCLUSIONS AND RECOMMENDATIONS

A limited exploration program was completed on the Chaco Bear Project on behalf of Imperial Metals Corporation. The program was completed intermittently between July 18 to July 23, 1996. Work consisted of rock and soil geochemical surveys with a total of 7 rock and 91 soil samples collected and sent for analysis.

Previous work by Suncor, in 1984 and 1985, had outlined several areas of anomalous rock and soil geochemistry. The rock sampling program was intended to

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Figure 6c

CHACO BEAR PROJECT

SOIL GEOCHEMISTRY (Cu)

Omineca Mining Division
British Columbia
NTS 94 D/2W

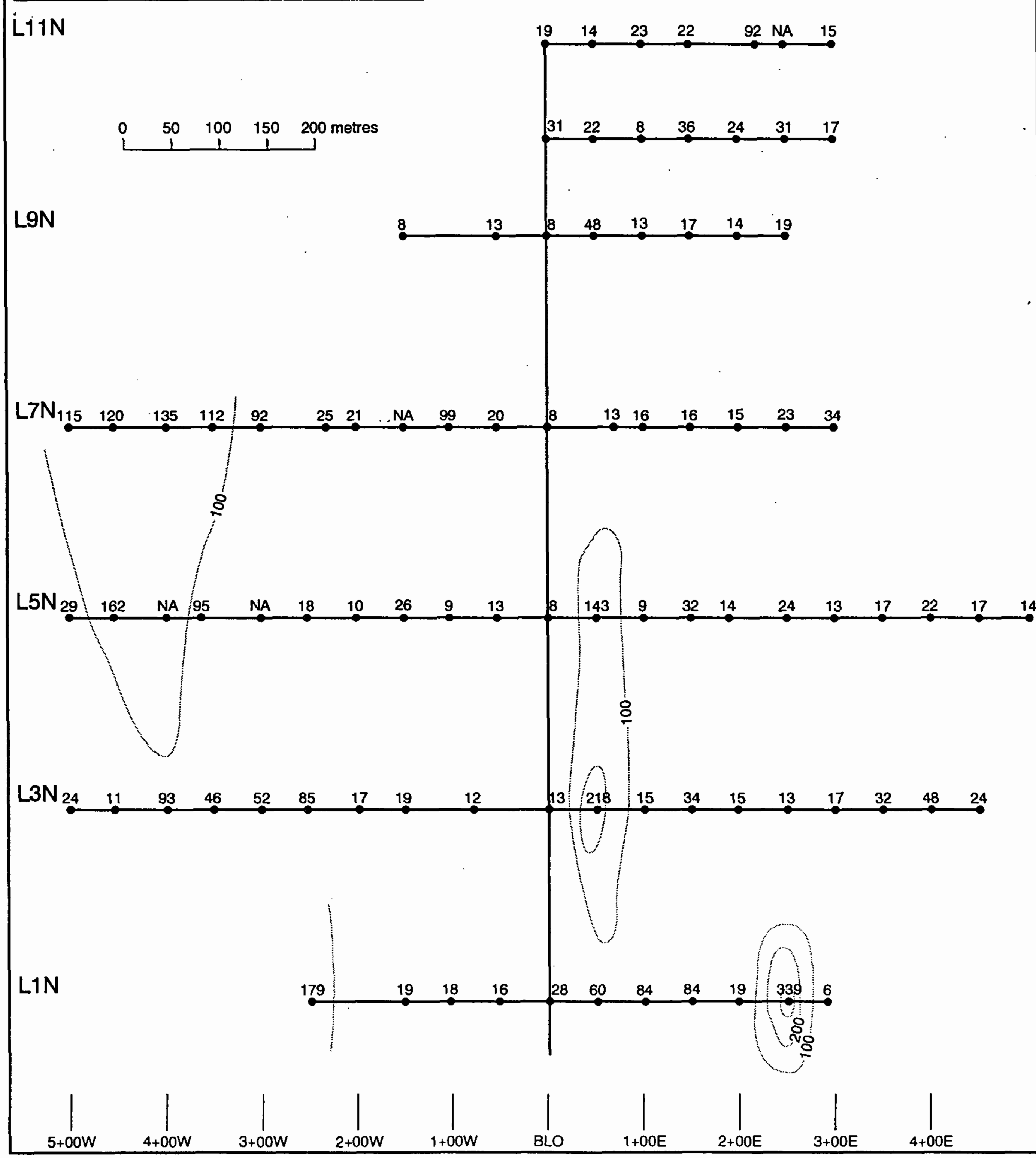
OCTOBER 1996 XY3

330° N

NA No assay

17 Soil sample location and assay (ppm)

Contour interval = 100 ppm



check some of the better results. The soil sampling surveys were completed in a new area, previously untested, but hosting some anomalous rock sample results from the Suncor work.

The property is underlain by volcanic rocks of the Hazelton Group, which, on the claims, are comprised mostly of andesitic tuffs, lapilli tuff, and agglomerate. Lesser felsic volcanics also occur, comprised mainly of dacite tuff, and minor felsic dykes, 1-3 metres wide, are found throughout the claims.

The rock sampling confirmed the presence of anomalous gold and copper mineralization, mostly associated with quartz-carbonate veining. Mineralization includes pyrite, chalcopyrite, specular hematite, and malachite and azurite stain. The soil geochemical surveys outlined areas of anomalous gold, silver and copper from a flagged-line grid with broadly spaced samples.

Further work would be required to fully evaluate the claims. This should include mapping and prospecting throughout the property and follow-up of anomalous areas outlined by the Suncor work.

STATEMENT OF EXPENDITURES

Mob/Demob	
Airline tickets, wages	$ 2500.00
Wages	
W. Raven 3.5 days @ 400.00/day	1400.00
P. McAndless 3.5 days @ $400.00/day	1400.00
Contractors	
Hobson Contracting Ltd.	963.00
Helicopter	
2.6 hours @ $715/hour + fuel, oil	2186.74
Sample Analysis	
7 rocks @ $35.16 /sample	246.10
91 soils @ $15.21/sample	1384.13
Misc. Supplies	418.16
Food & Accommodation	574.44
Report and Drafting	2000.00
TOTAL	**$13072.57**

CERTIFICATE OF QUALIFICATIONS

I, Wesley D.T. Raven, of #108 - 1720 West 12th Avenue, Vancouver, British Columbia, hereby certify:

1. I am a graduate of the University of British Columbia (1983) and hold a B.Sc. degree in geology.

2. I have been employed as an exploration geologist on a full time basis since 1983.

3. I am a Fellow of the Geological Association of Canada.

4. I am currently retained as an independent consulting geologist by OreQuest Consultants Ltd., I hold no interest in OreQuest Consultants Ltd.

5. I am a Professional Geologist registered with the Association of Professional Engineers and Geoscientists of British Columbia.

6. The information contained in this report is from information listed in the Bibliography, and from onsite supervision of the exploration program.

7. I do not have nor expect to receive direct or indirect interest in the Chaco Bear project nor in the securities of Imperial Metals Corporation.

8. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document, providing the report is used in its entirety or any summary thereof is approved by the author.

PROFESSIONAL PROVINCE OF W. D. T. RAVEN BRITISH COLUMBIA GEOSCIENTIST

Wesley D.T. Raven, P.Geo.

DATED at Vancouver, British Columbia, this10th day of October, 1996.

BIBLIOGRAPHY AND REFERENCES

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1978: Origin of the Sustut Copper Deposit, Central British Columbia (abs.): Canadian Institute of. Minerals and Metals Bulletin, V71, p. 129.

APPENDIX I

Analytical Results

Post-it™ Fax Note 7671E	Date 27/7/96 # of pages ▸ 2
To Orequest	From Eco Tech
Co./Dept. W. Raven	Co.
Phone #	Phone #
Fax #	Fax #

Au assay + ICP to follow

CERTIFICATE OF ANALYSIS AK 96-745

IMPERIAL METALS CORPORATION 26-Jul-96
420-355 BURRARD STREET
VANCOUVER, B.C.
V6C 2G8

ATTENTION: WES RAVEN

No. of samples received:7
PROJECT #:CHACO BEAR
SHIPMENT #NONE GIVEN
P.O.#: NONE GIVEN
Samples submitted by:WES RAVEN

ET #.	Tag #		Au (ppb)	Ag (ppm)
1	CB	002	705	1.2
2	CB	003	5	0.1
3	CB	004	>1000	1.9
4	CB	005	145	0.1
5	CB	006	5	0.1
6	CB	007	5	0.1
7	CB	008	525	0.1
QC DATA:				
Resplit:				
1	CB	002	690	1.3
Repeat:				
1	CB	002	700	1.2
Standard:				
GEO'96			145	1.2

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96Imperial

Eco-Tech LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-745

IMPERIAL METALS CORPORATION
420-355 BURRARD STREET
VANCOUVER, B.C.
V6C 2G8

26-Jul-96

ATTENTION: WES RAVEN

No. of samples received:7
PROJECT #:CHACO BEAR
SHIPMENT #NONE GIVEN
P.O.#: NONE GIVEN
Samples submitted by:WES RAVEN

ET #.	Tag #		Cu (%)
1	CB	002	0.63
2	CB	003	0.02
3	CB	004	6.81
4	CB	005	0.08
5	CB	006	0.01
6	CB	007	0.01
7	CB	008	0.02

QC DATA:

Resplit:			
1	CB	002	0.62
Repeat:			
1	CB	002	0.62
Standard:			
MPI-a			1.42

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per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

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Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-745

IMPERIAL METALS CORPORATION
420-355 BURRARD STREET
VANCOUVER, B.C.
V6C 2G8

2-Aug-96

ATTENTION: WES RAVEN

No. of samples received:7
PROJECT #:CHACO BEAR
SHIPMENT #NONE GIVEN
P.O.#: NONE GIVEN
Samples submitted by:WES RAVEN

ET #.	Tag #		Au (g/t)	Au (oz/t)	Cu (%)
1	CB	002	-	-	0.63
2	CB	003	-	-	0.02
3	CB	004	22.16	0.65	6.81
4	CB	005	-	-	0.08
5	CB	006	-	-	0.01
6	CB	007	-	-	0.01
7	CB	008	-	-	0.02
QC DATA:					
Resplit:					
1	CB	002	-	-	0.62
Repeat:					
1	CB	002	-	-	0.62
3	CB	004	19.28	0.56	-
Standard:					
MPI-a			-	-	1.42
STD-M			3.22	0.09	-

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96IMPERIAL#2

31-Jul-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 96-745

IMPERIAL METALS CORPORATION
420-355 BURRARD STREET
VANCOUVER, B.C.
V6C 2G8

ATTENTION: WES RAVEN

No. of samples received:7
PROJECT #:CHACO BEAR
SHIPMENT #NONE GIVEN
P.O.#: NONE GIVEN
Samples submitted by:WES RAVEN

Values in ppm unless otherwise reported

Et #.	Tag #		Au(ppb)	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
1	CB	002	705	2.8	0.46	<5	65	<5	>10	46	10	105	6626	2.82	<10	0.09	3243	16	<0.01	3	470	672	<5	<20	27	0.01	<10	14	<10	6	534
2	CB	003	5	1.0	3.50	<5	55	<5	0.76	3	24	49	41	8.95	<10	2.40	>10000	5	0.02	9	1210	168	<5	<20	34	0.16	<10	109	<10	<1	510
3	CB	004	>1000	4.2	0.10	<5	50	<5	0.02	1	42	81	>10000	>10	<10	<0.01	38	16	<0.01	9	>10000	34	<5	<20	<1	<0.01	20	2	40	<1	11
4	CB	005	155	<0.2	1.17	<5	120	<5	7.13	<1	29	90	1043	6.18	<10	0.51	3248	12	<0.01	6	440	6	<5	<20	34	0.02	<10	38	<10	12	25
5	CB	006	5	<0.2	1.70	20	35	<5	0.90	<1	12	76	73	2.90	<10	1.34	1585	2	0.02	4	1020	80	<5	<20	59	0.15	<10	46	<10	2	98
6	CB	007	5	<0.2	2.42	<5	55	5	0.75	<1	19	37	16	4.62	<10	2.21	1774	<1	0.01	2	1010	22	<5	<20	38	0.18	<10	73	<10	<1	88
7	CB	008	525	0.6	0.12	<5	135	<5	0.02	2	11	56	230	>10	<10	<0.01	51	18	<0.01	2	30	40	<5	<20	6	<0.01	30	8	<10	<1	28

QC/DATA:

			Au(ppb)	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
Resplit:																															
R/S 1	CB	002	690	3.2	0.44	<5	70	<5	>10	47	9	52	5949	2.64	<10	0.09	3233	13	<0.01	3	430	686	<5	<20	28	<0.01	<10	13	<10	6	535
Repeat:																															
1	CB	002	700	3.0	0.47	<5	70	<5	>10	46	10	110	6233	2.81	<10	0.09	3264	16	<0.01	4	510	686	<5	<20	29	<0.01	<10	15	<10	7	544
Standard:																															
GEO'96			145	1.2	1.72	65	160	<5	1.82	<1	18	60	78	3.90	<10	0.97	679	<1	0.02	24	700	22	<5	<20	58	0.11	<10	76	<10	3	72

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/745r
XLS/96Imperial

7-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 96-775

IMPERIAL METALS CORPORATION
420-355 BURRARD STREET
VANCOUVER, B.C.
V6C 2G8

ATTENTION: PATRICK McANDLESS

No. of samples received: 91
Sample type: Soil
PROJECT #: Chaco Bear
SHIPMENT #: None Given
Samples submitted by: Hoeson Cont. Ltd.

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
1	L1N - 2+50 W	<5	<0.2	2.23	<5	135	<5	0.87	1	24	8	179	5.42	<10	1.77	2273	1	0.02	9	1580	70	<5	<20	49	0.11	<10	94	<10	6	159
2	L1N - 1+50 W	<5	0.4	0.59	<5	285	<5	1.46	<1	1	6	19	0.96	<10	0.16	557	1	0.01	4	1840	8	<5	<20	55	0.01	<10	27	<10	1	63
3	L1N - 1+00 W	5	1.0	1.33	<5	235	<5	0.22	<1	13	6	18	2.81	<10	0.31	7746	2	0.01	4	3560	16	<5	<20	11	0.02	<10	42	<10	<1	116
4	L1N - 0+50 W	15	0.6	0.65	<5	65	<5	0.09	<1	4	5	16	2.11	<10	0.07	946	2	0.01	2	850	16	<5	<20	11	0.02	<10	53	<10	<1	48
5	L1N - 0+00 E	<5	<0.2	2.95	<5	80	<5	0.06	<1	13	11	28	5.45	<10	0.70	972	3	0.01	7	1160	12	<5	<20	7	0.02	<10	111	<10	<1	119
6	L1N - 0+50 E	<5	<0.2	1.95	<5	145	<5	0.96	<1	30	9	60	6.91	<10	2.25	1877	<1	0.03	11	1220	18	<5	<20	31	0.27	<10	169	<10	8	176
7	L1N - 1+00 E	<5	<0.2	2.01	<5	140	<5	0.87	<1	31	11	84	7.31	<10	2.50	1770	<1	0.02	15	1200	24	<5	<20	27	0.25	<10	182	<10	7	176
8	L1N - 1+50 E	5	1.0	1.99	<5	230	<5	0.20	<1	22	9	84	4.97	<10	0.83	9874	3	<0.01	7	2160	28	<5	<20	6	0.03	<10	76	<10	1	110
9	L1N - 2+00 E	5	0.8	1.38	<5	185	5	0.10	<1	14	8	19	4.49	<10	0.42	4507	3	<0.01	4	2620	18	<5	<20	6	0.02	<10	56	<10	<1	85
10	L1N - 2+50 E	<5	0.4	1.63	<5	105	<5	0.07	<1	11	3	339	6.51	<10	0.19	5857	5	<0.01	5	2410	22	<5	<20	4	0.02	<10	71	<10	3	77
11	L1N - 2+90 E	5	<0.2	1.18	<5	105	<5	0.04	<1	2	7	6	1.93	<10	0.07	379	2	<0.01	2	990	10	<5	<20	6	<0.01	<10	40	<10	<1	48
12	L3N - 5+00 W	5	<0.2	1.47	<5	90	<5	0.13	<1	16	9	24	4.35	<10	0.41	1903	2	0.01	5	1760	18	<5	<20	16	0.08	<10	117	<10	<1	82
13	L3N - 4+50 W	<5	<0.2	1.37	<5	85	<5	0.16	<1	6	8	11	2.41	<10	0.24	571	<1	0.01	3	1720	12	<5	<20	21	0.04	<10	70	<10	<1	65
14	L3N - 4+00 W	<5	<0.2	1.19	<5	135	<5	1.84	1	10	8	93	2.40	<10	0.73	1717	1	0.01	4	1830	34	<5	<20	39	0.02	<10	37	<10	2	127
15	L3N - 3+50 W	<5	<0.2	2.73	<5	145	<5	0.15	<1	17	7	46	4.69	<10	0.75	2262	2	0.01	5	1630	40	<5	<20	12	0.07	<10	107	<10	2	106
16	L3N - 3+00 W	5	1.8	2.43	<5	300	<5	1.11	<1	9	7	52	2.94	<10	0.56	1145	2	0.01	3	2300	22	<5	<20	27	0.01	<10	79	<10	<1	74
17	L3N - 2+50 W	<5	<0.2	3.08	<5	290	<5	0.95	<1	16	7	85	4.35	<10	1.28	1425	3	0.01	6	2190	38	<5	<20	28	0.01	<10	86	<10	<1	123
18	L3N - 1+90 W	<5	0.2	1.62	<5	215	<5	0.67	1	13	6	17	3.28	<10	0.36	2767	3	0.01	3	2610	24	<5	<20	24	0.01	<10	118	<10	<1	104
19	L3N - 1+50 W	<5	<0.2	1.53	<5	110	<5	0.13	<1	9	11	19	3.20	<10	0.45	911	2	0.01	7	1700	10	<5	<20	12	0.01	<10	83	<10	<1	103
20	L3N - 0+75 W	5	<0.2	1.48	<5	85	<5	0.08	<1	8	4	12	4.27	<10	0.30	644	3	0.01	3	650	8	<5	<20	7	0.03	<10	100	<10	<1	63
21	L3N - 0+00 E	5	<0.2	1.18	<5	85	5	0.04	<1	5	6	13	3.31	<10	0.09	715	2	0.01	2	850	12	<5	<20	8	0.02	<10	75	<10	<1	49
22	L3N - 0+50 E	<5	<0.2	1.65	<5	270	<5	0.55	1	20	5	218	6.34	<10	0.92	2584	4	0.01	7	1470	34	<5	<20	15	0.05	<10	101	<10	12	123
23	L3N - 1+00 E	10	0.8	0.85	<5	280	<5	0.05	<1	13	7	15	3.41	<10	0.07	7265	3	0.01	3	1000	22	<5	<20	6	0.03	<10	67	<10	<1	51
24	L3N - 1+50 E	<5	2.4	1.53	5	545	<5	0.06	<1	22	11	34	3.69	<10	0.19	>10000	3	<0.01	5	2150	126	<5	<20	5	0.05	<10	51	<10	<1	73
25	L3N - 2+00 E	<5	2.0	0.92	<5	765	<5	0.16	<1	19	9	15	2.93	<10	0.08	>10000	3	0.01	3	960	46	<5	<20	9	0.04	<10	53	<10	<1	79

IMPERIAL METALS CORPORATION ICP CERTIFICATE OF ANALYSIS AK 96-775 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
26	L3N - 2+50 E	<5	1.2	0.77	<5	320	<5	0.08	<1	22	6	13	3.49	<10	0.12	>10000	3	0.01	3	1160	20	<5	<20	7	0.03	<10	58	<10	<1	60
27	L3N - 3+00 E	5	0.4	1.28	5	290	<5	0.90	<1	6	11	17	2.54	<10	0.22	2217	3	0.02	3	4930	10	<5	<20	30	<0.01	<10	48	<10	1	110
28	L3N - 3+50 E	<5	0.2	1.94	<5	85	<5	0.07	<1	11	20	32	5.21	<10	0.41	1154	4	0.01	8	1700	18	<5	<20	6	0.05	<10	77	<10	<1	105
29	L3N - 4+00 E	<5	<0.2	3.66	<5	115	<5	0.11	<1	11	27	48	6.23	<10	0.34	400	3	0.01	13	2850	12	<5	<20	5	0.12	<10	78	<10	<1	83
30	L3N - 4+50 E	5	0.2	2.67	5	55	<5	0.07	<1	10	10	24	4.27	<10	0.44	1988	4	0.01	5	2700	16	<5	<20	3	0.03	<10	54	<10	<1	89
31	L5N - 5+00 W	<5	<0.2	1.98	<5	85	<5	0.26	<1	13	7	29	3.72	<10	0.80	1283	2	0.01	6	1430	16	<5	<20	16	0.03	<10	90	<10	<1	97
32	L5N - 4+50 W	5	<0.2	3.56	5	125	<5	0.35	<1	20	16	162	5.18	<10	1.20	1115	<1	0.02	13	1860	34	<5	<20	28	0.14	<10	102	<10	13	141
33	L5N - 4+00 W	<5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
34	L5N - 3+60 W	5	<0.2	3.34	<5	105	<5	0.45	<1	30	17	95	6.52	<10	1.98	2002	<1	0.01	18	1660	16	<5	<20	25	0.21	<10	159	<10	4	169
35	L5N - 3+00 W	<5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
36	L5N - 2+50 W	<5	<0.2	1.69	<5	105	<5	0.16	<1	12	6	18	3.53	<10	0.65	1202	3	0.01	7	1540	10	<5	<20	15	0.04	<10	107	<10	<1	99
37	L5N - 2+00 W	<5	<0.2	1.32	<5	75	<5	0.07	<1	8	6	10	2.74	<10	0.39	694	2	0.01	4	1190	10	<5	<20	9	0.02	<10	52	<10	1	68
38	L5N - 1+50 W	5	0.4	1.60	<5	205	<5	0.12	<1	11	11	26	3.93	<10	0.34	3739	3	0.01	7	1760	18	<5	<20	10	0.04	<10	78	<10	<1	115
39	L5N - 1+00 W	<5	<0.2	1.67	<5	125	5	0.09	<1	14	8	9	4.95	<10	0.28	2105	4	0.01	6	1920	8	<5	<20	5	0.01	<10	101	<10	<1	124
40	L5N - 0+50 W	<5	<0.2	1.40	<5	125	<5	0.06	<1	10	10	13	3.20	<10	0.27	2223	3	0.01	7	1840	14	<5	<20	8	0.01	<10	57	<10	<1	72
41	L5N - 0+00 W	5	0.2	0.78	<5	70	<5	0.04	<1	8	3	8	2.47	<10	0.15	2046	2	0.01	2	850	12	<5	<20	2	0.02	<10	33	<10	1	49
42	L5N - 0+50 E	<5	<0.2	2.86	<5	140	<5	0.29	<1	20	15	143	5.87	<10	1.18	2659	3	0.01	14	1260	22	<5	<20	12	0.07	<10	112	<10	4	174
43	L5N - 1+00 E	<5	0.4	0.71	<5	255	<5	0.10	<1	6	6	9	2.34	<10	0.11	3585	2	0.01	3	1270	12	<5	<20	9	0.02	<10	45	<10	<1	60
44	L5N - 1+50 E	15	<0.2	2.05	<5	95	<5	0.09	<1	8	8	32	4.78	<10	0.39	670	3	0.01	4	970	24	<5	<20	7	0.02	<10	128	<10	<1	80
45	L5N - 1+90 E	<5	0.2	1.51	<5	125	<5	0.06	<1	8	12	14	3.94	<10	0.19	2191	3	<0.01	4	1570	20	<5	<20	6	0.05	<10	86	<10	<1	74
46	L5N - 2+50 E	<5	0.8	1.70	10	255	<5	0.67	<1	14	18	24	3.86	<10	0.51	5535	6	0.01	7	2110	20	<5	<20	42	0.03	<10	71	<10	3	133
47	L5N - 3+00 E	<5	<0.2	1.72	<5	95	10	0.04	<1	6	11	13	4.24	<10	0.17	432	2	0.01	3	370	20	<5	<20	6	0.07	<10	110	<10	<1	53
48	L5N - 3+50 E	>1000	<0.2	1.60	<5	55	<5	0.03	<1	4	6	17	3.06	<10	0.18	331	2	0.01	3	1100	14	<5	<20	5	0.01	<10	64	<10	<1	58
49	L5N - 4+00 E	<5	<0.2	1.58	<5	65	<5	0.07	<1	8	7	22	2.50	<10	0.54	443	1	<0.01	4	930	18	<5	<20	5	0.04	<10	66	<10	<1	84
50	L5N - 4+50 E	<5	1.0	2.44	<5	320	<5	0.27	<1	7	9	17	3.07	<10	0.55	793	6	0.01	5	2670	14	<5	<20	24	0.01	<10	71	<10	2	110
51	L5N - 5+00 E	5	<0.2	1.57	<5	70	<5	0.06	<1	5	10	14	3.28	<10	0.22	458	2	0.01	3	1770	14	<5	<20	6	0.02	<10	66	<10	<1	67
52	L7N - 5+00 W	5	<0.2	1.89	<5	105	<5	0.66	<1	24	8	115	6.26	<10	1.74	2418	2	0.02	9	1360	26	<5	<20	20	0.12	<10	109	<10	7	160
53	L7N - 4+50 W	40	<0.2	1.96	<5	110	<5	0.61	1	25	7	120	6.52	<10	1.73	2515	2	0.02	8	1390	26	<5	<20	19	0.11	<10	113	<10	6	167
54	L7N - 4+00 W	<5	<0.2	2.03	<5	125	<5	0.67	<1	26	8	135	6.77	<10	1.77	2796	2	0.02	8	1450	34	<5	<20	21	0.12	<10	119	<10	7	173
55	L7N - 3+50 W	<5	<0.2	2.01	<5	115	<5	0.63	<1	26	8	112	6.94	<10	1.79	2660	2	0.02	8	1400	36	<5	<20	20	0.11	<10	121	<10	6	174
56	L7N - 3+00 W	<5	<0.2	6.01	20	155	<5	0.53	<1	25	22	92	5.38	<10	1.42	1277	<1	0.02	25	2030	10	<5	<20	28	0.14	<10	118	<10	7	151
57	L7N - 2+30 W	<5	<0.2	3.41	10	195	<5	0.20	<1	15	13	25	4.95	<10	0.63	2912	3	0.01	8	1830	14	<5	<20	18	0.03	<10	121	<10	3	134
58	L7N - 2+00 W	<5	<0.2	2.43	5	80	<5	0.09	<1	11	12	21	4.44	<10	0.43	1389	3	0.01	7	2110	28	<5	<20	6	0.03	<10	74	<10	1	99
59	L7N - 1+50 W	<5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
60	L7N - 1+00 W	15	<0.2	2.50	<5	85	<5	0.08	<1	14	13	99	5.21	<10	0.63	2778	3	0.01	8	2370	20	<5	<20	5	0.03	<10	86	<10	<1	130

IMPERIAL METALS CORPORATION ICP CERTIFICATE OF ANALYSIS AK 96-775 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
61	L7N - 0+50 W	<5	<0.2	1.85	<5	110	5	0.10	<1	13	8	20	4.22	<10	0.55	1184	3	0.01	6	1410	12	<5	<20	8	0.02	<10	86	<10	1	127
62	L7N - 0+00 E	<5	<0.2	1.55	<5	100	<5	0.06	<1	5	7	8	3.60	<10	0.17	305	2	0.01	3	790	12	<5	<20	8	0.02	<10	94	<10	<1	57
63	L7N - 0+70 E	45	0.2	1.02	<5	100	<5	0.03	<1	3	6	13	1.99	<10	0.06	884	2	0.01	2	1770	20	<5	<20	4	<0.01	<10	40	<10	<1	46
64	L7N - 1+00 E	<5	<0.2	0.54	<5	60	<5	0.12	<1	3	5	16	1.75	<10	0.11	446	1	0.01	3	1080	8	<5	<20	6	0.02	<10	34	<10	<1	51
65	L7N - 1+50 E	<5	<0.2	1.12	<5	170	<5	0.09	<1	5	6	16	3.28	<10	0.09	1969	3	0.01	3	740	16	<5	<20	10	0.02	<10	70	<10	<1	50
66	L7N - 2+00 E	<5	0.4	0.74	<5	130	<5	0.12	<1	2	7	15	1.61	<10	0.08	356	2	0.01	4	1720	14	<5	<20	11	<0.01	<10	32	<10	<1	65
67	L7N - 2+50 E	<5	0.4	0.37	<5	170	<5	0.21	<1	2	3	23	0.98	<10	0.07	1717	<1	0.02	2	1540	8	<5	<20	8	<0.01	<10	16	<10	<1	92
68	L7N - 3+00 E	<5	<0.2	2.91	5	75	<5	0.10	<1	12	9	34	4.80	<10	0.76	1003	3	0.01	7	1050	20	<5	<20	5	0.03	<10	95	<10	<1	140
69	L9N - 1+50 W	<5	<0.2	0.85	<5	60	<5	0.07	<1	2	4	8	1.33	<10	0.06	432	1	0.01	2	1710	6	<5	<20	9	<0.01	<10	22	<10	1	42
70	L9N - Snow W	<5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
71	L9N - 0+50 W	<5	<0.2	1.65	<5	65	<5	0.04	<1	7	6	13	2.54	<10	0.39	660	2	0.02	4	1840	18	<5	<20	6	0.01	<10	57	<10	<1	142
72	L9N - 0+00 E	<5	<0.2	0.78	<5	125	<5	0.22	<1	5	6	8	2.73	<10	0.15	1008	2	0.01	4	1140	8	<5	<20	9	<0.01	<10	55	<10	<1	116
73	L9N - 0+50 E	10	<0.2	1.88	5	160	<5	0.19	<1	12	11	48	3.74	<10	0.58	2459	3	0.01	8	1690	20	<5	<20	7	0.01	<10	58	<10	1	149
74	L9N - 1+00 E	<5	0.4	0.64	<5	190	<5	0.13	<1	11	7	13	2.53	<10	0.10	4622	2	0.01	5	1480	12	<5	<20	10	0.03	<10	41	<10	<1	81
75	L9N - 1+50 E	<5	<0.2	1.73	<5	115	<5	0.06	<1	10	11	17	4.29	<10	0.51	1776	3	0.02	8	1130	16	<5	<20	6	0.02	<10	83	<10	<1	163
76	L9N - 2+00 E	<5	0.2	0.97	<5	195	<5	0.27	<1	5	5	14	2.04	<10	0.13	499	2	0.02	4	2060	10	<5	<20	12	<0.01	<10	34	<10	1	74
77	L9N - 2+50 E	<5	<0.2	1.90	<5	135	<5	0.11	<1	9	10	19	3.84	<10	0.45	945	3	0.02	7	1480	16	<5	<20	7	0.02	<10	75	<10	<1	136
78	L10N - 0+00 E	<5	0.4	2.33	5	190	<5	0.23	<1	16	15	31	4.42	<10	0.53	3181	3	0.01	9	2480	18	<5	<20	14	0.03	<10	80	<10	2	156
79	L10N - 0+50 E	10	<0.2	2.00	10	120	<5	0.55	<1	13	10	22	3.96	30	0.85	2383	2	0.02	9	1880	10	<5	<20	11	0.02	<10	59	<10	17	166
80	L10N - 1+00 E	<5	0.2	1.78	<5	175	<5	0.25	<1	8	9	8	2.87	<10	0.35	3184	2	0.01	5	2380	10	<5	<20	7	0.01	<10	58	<10	6	132
81	L10N - 1+50 E	<5	<0.2	2.76	<5	135	<5	0.12	<1	12	11	36	5.11	<10	0.73	1269	3	0.01	9	1120	12	<5	<20	6	0.02	<10	92	<10	2	194
82	L10N - 2+00 E	<5	<0.2	2.61	<5	110	10	0.18	<1	16	11	24	5.81	<10	1.01	1180	3	0.02	10	970	14	<5	<20	8	0.04	<10	105	<10	<1	275
83	L10N - 2+50 E	<5	0.2	2.58	5	165	<5	0.13	<1	20	15	31	6.06	<10	0.83	4143	4	0.01	11	2190	22	<5	<20	6	0.04	<10	106	<10	3	248
84	L10N - 3+00 E	<5	0.8	1.69	5	155	<5	0.20	<1	6	8	17	2.46	<10	0.23	1770	2	0.01	4	2700	10	<5	<20	10	0.01	<10	42	<10	2	115
85	L11N - 0+00 E	5	<0.2	1.75	<5	80	5	0.07	<1	10	13	19	3.58	<10	0.48	1701	2	0.01	6	2260	12	<5	<20	5	0.02	<10	64	<10	<1	135
86	L11N - 0+50 E	<5	0.4	1.21	10	360	<5	0.91	<1	7	8	14	2.81	10	0.27	3996	2	0.01	6	2810	12	<5	<20	19	0.02	<10	37	<10	8	162
87	L11N - 1+00 E	<5	<0.2	1.75	<5	130	<5	0.23	<1	11	8	23	3.65	<10	0.61	1768	2	0.01	8	1380	12	<5	<20	16	0.03	<10	74	<10	1	160
88	L11N - 1+50 E	<5	0.2	2.06	<5	150	<5	0.31	<1	11	13	22	3.63	<10	0.59	1668	3	0.02	10	1540	12	<5	<20	11	0.03	<10	68	<10	3	167
89	L11N - 2+20 E	<5	1.8	1.76	5	200	<5	1.62	<1	13	5	92	2.54	10	0.91	3287	2	0.02	5	2070	18	<5	<20	17	0.01	<10	45	<10	14	154
90	L11N - 2+50 E	<5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
91	L11N - 3+00 E	<5	0.4	2.01	5	135	<5	0.14	<1	12	7	15	4.13	10	0.85	2628	3	0.01	7	1730	14	<5	<20	3	0.02	<10	66	<10	2	192

Et #.	Tag #		Au(ppb)	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
QC/DATA:																															
Repeat:																															
1	L1N - 2+50	W	<5	<0.2	2.33	<5	145	<5	0.92	1	25	9	187	5.58	<10	1.82	2361	1	0.02	10	1610	72	<5	<20	53	0.11	<10	98	<10	6	163
10	L1N - 2+50	E	<5	0.6	1.69	<5	110	<5	0.08	<1	12	3	345	6.84	<10	0.18	5970	5	<0.01	4	2470	22	<5	<20	4	0.02	<10	77	<10	3	84
19	L3N - 1+50	W	<5	<0.2	1.51	<5	110	<5	0.15	<1	10	11	20	3.30	<10	0.45	982	2	0.01	6	1760	12	<5	<20	14	0.01	<10	85	<10	<1	100
28	L3N - 3+50	E	<5	0.2	1.92	<5	85	<5	0.07	<1	10	20	31	5.21	<10	0.40	1148	4	0.01	8	1700	18	<5	<20	6	0.05	<10	77	<10	<1	111
36	L5N - 2+50	W	<5	<0.2	1.65	<5	105	<5	0.16	<1	12	6	18	3.41	<10	0.63	1220	2	0.01	7	1570	10	<5	<20	16	0.04	<10	102	<10	<1	106
45	L5N - 1+90	E	<5	0.2	1.49	<5	125	<5	0.06	<1	8	12	15	4.00	<10	0.20	2138	3	0.01	4	1500	20	<5	<20	7	0.05	<10	87	<10	<1	71
54	L7N - 4+00	W	<5	<0.2	2.02	<5	125	<5	0.66	1	26	8	134	6.66	<10	1.76	2779	2	0.02	8	1460	36	<5	<20	21	0.11	<10	116	<10	7	172
63	L7N - 0+70	E	70	0.4	0.98	<5	100	<5	0.03	<1	2	6	12	1.96	<10	0.04	878	2	0.01	2	1850	20	<5	<20	5	<0.01	<10	39	<10	<1	45
71	L9N - 0+50	W	<5	<0.2	1.61	<5	65	<5	0.04	<1	7	6	12	2.55	<10	0.38	665	2	0.01	4	1840	16	<5	<20	6	0.01	<10	56	<10	<1	120
80	L10N - 1+00	E	<5	0.4	1.70	<5	170	<5	0.25	<1	7	8	8	2.74	<10	0.32	3166	2	<0.01	5	2300	8	<5	<20	7	0.02	<10	55	<10	6	125
89	L11N - 2+20	E		1.6	1.77	5	195	<5	1.63	<1	13	5	92	2.56	10	0.92	3263	2	0.02	6	2130	20	<5	<20	17	0.01	<10	45	<10	14	147
Standard:																															
GEO'96			150	1.2	1.85	65	160	<5	1.84	<1	19	65	84	4.31	<10	1.02	735	<1	0.02	25	740	18	<5	<20	60	0.12	<10	83	<10	3	68
GEO'96			150	1.0	1.85	70	160	<5	1.90	<1	19	65	85	4.37	<10	1.02	747	<1	0.02	22	760	16	<5	<20	61	0.12	<10	83	<10	4	69
GEO'96			-	1.0	1.77	65	165	<5	1.87	<1	19	63	82	4.26	<10	1.00	756	<1	0.01	22	770	16	<5	<20	60	0.11	<10	80	<10	4	70

Note: * = Insufficient sample to perform ICP

df/775
XLS/96Imperial#2

per ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer