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ACTION:		
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**DIAMOND DRILLING REPORT
CIMADORO CLAIM GROUP**

Inco Exploration and Technical Services, Inc.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,952

Inco Exploration and
Technical Services Inc.
2690-666 Burrard Street
Vancouver, B.C.
V6C 2X8

Cameron C. Bell
June 16, 1993

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1.0 Introduction

Massive sulphide mineralization was first discovered on the Cimadoro property in 1988 by Efram Specogna, who traced sulphide boulders to their bedrock source in a steep gully at the headwaters of Deena Creek. Work completed on the property to date has outlined several polymetallic massive sulphide zones. Shallow drill intersections of up to 16.9% Zn, 5.3% Pb, 0.4% Cu, 174 g/t Ag, 0.3 g/t Au (0.009 oz/t) over 1.6 metres have been reported from the Cimadoro Showings area.

The property was optioned by Inco Ltd. in late 1991. Work completed by IETS in 1992 included airborne geophysics, geological mapping, moss-mat sampling and lithogeochemical sampling. A 910-metre diamond drill program was carried out in April and May of 1993. This drill program further tested the Cimadoro Showings area and an AEM anomaly coincident with a barium soil geochemical/ground VLF anomaly on the East Grid.

2.0 Location, Access and Topography

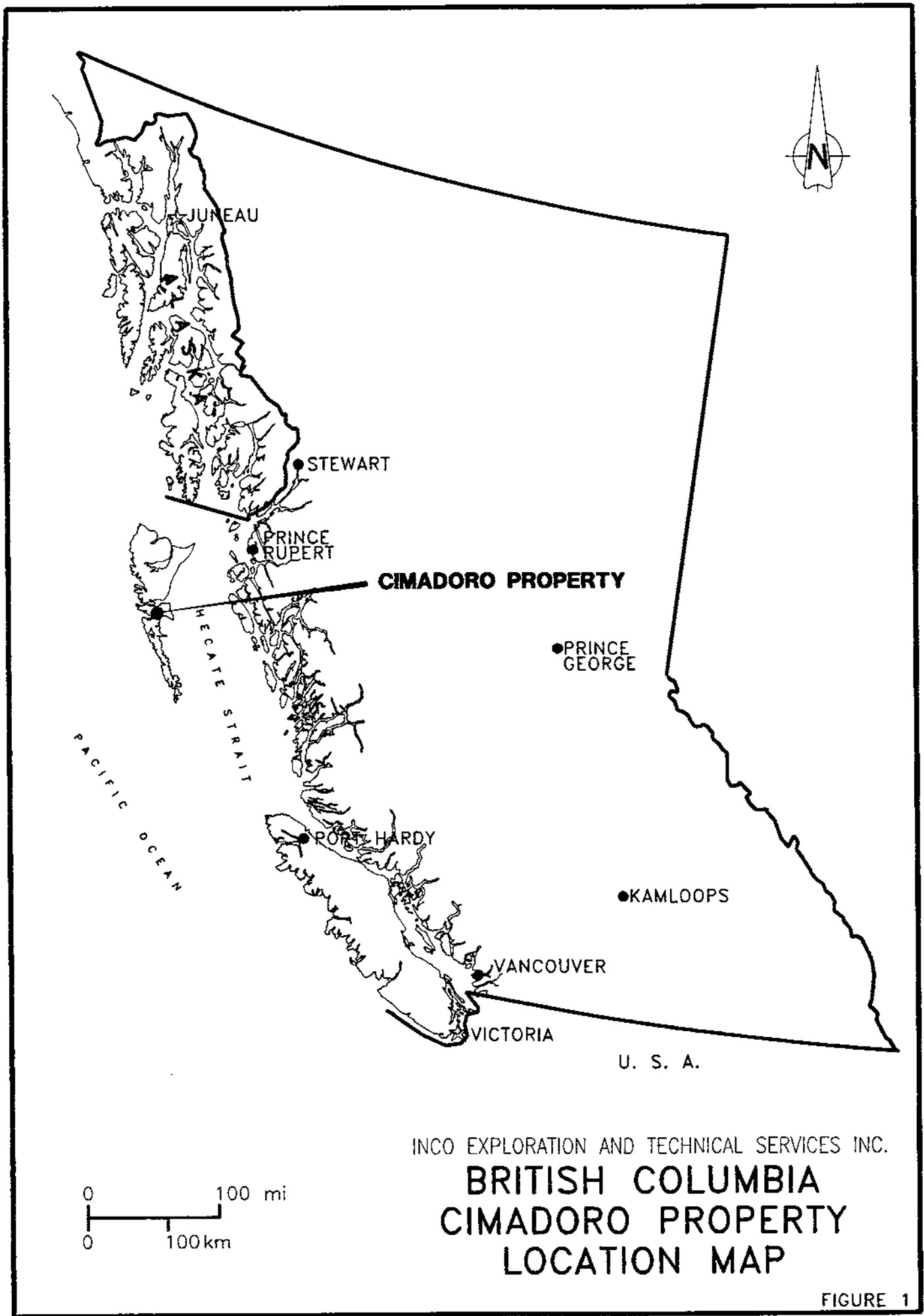
The Cimadoro property is located in the Queen Charlotte Islands, on the northern part of Moresby Island (see Figure 1). Parts of the property are accessible by logging roads which lead from the town of Sandspit. Sandspit has daily scheduled air service. Security Cove (navigable tidewater) is situated along the southern boundary of the claims. Parts of the property can be practically accessed only by helicopter. Topography on the property ranges from very steep hills and gullies to plateau-like areas. The area receives heavy annual rainfall with snow generally occurring only at high elevations. Elevations vary from sea level to 650 metres above sea level.

3.0 Property Status

The property was held by Inco under an option from Doromin Resources that was terminated by Inco on May 26, 1993. Mineral title will revert to Doromin Resources.

The current status of the property's claims (pending acceptance of this report) is as follows:

<u>Claim</u>	<u>No. of Units</u>	<u>Tenure Number</u>	<u>Expiry Date</u>
Cimadoro 1	20	252189	Aug. 4, 1994
Cimadoro 2	20	252190	Aug. 4, 1995
Cimadoro 3	20	252191	Aug. 4, 1994
Cimadoro 4	20	252192	Aug. 4, 1995
Lucimin 1	20	252197	Aug. 15, 1994
Lucimin 2	20	252198	Aug. 15, 1994
Lucimin 3	18	252199	Aug. 15, 1994
Lucimin 4	18	252200	Aug. 15, 1994
Lucimin 5	1	252195	Aug. 15, 1994
Lucimin 6	1	252196	Aug. 15, 1994
Luptak	20	252518	March 10, 1995
Luptak 2	20	252519	March 15, 1995
Matajur 1	20	252887	July 1, 1994
Matajur 2	20	252888	July 1, 1994
Matajur 3	16	252889	July 1, 1994
Matajur 4	20	252890	July 1, 1994
George 1	15	306605	Dec. 3, 1994
George 2	15	306606	Dec. 3, 1994
Natisone 1	20	307700	Feb. 28, 1995
Natisone 3	20	307702	Feb. 28, 1995
Pulfero	20	307707	Feb. 28, 1995



INCO EXPLORATION AND TECHNICAL SERVICES INC.
**BRITISH COLUMBIA
CIMADORO PROPERTY
LOCATION MAP**

FIGURE 1

<u>Claim</u>	<u>No. of Units</u>	<u>Tenure Number</u>	<u>Expiry Date</u>
Udine	20	307705	Feb. 28, 1995
Joanne1	18	307611	Feb. 18, 1995

The property consists of 23 contiguous claims totalling 402 units with an area of 10,050 hectares. Claim locations are shown on Figure 2.

4.0 Exploration History

During the mid-1960's, a local prospector (Efram Specogna) collected silt samples from streams draining the property. These samples returned copper values in the order of 300-400 ppm, but were never followed up. In 1988, Specogna discovered unoxidized massive sulphide and banded sulphide-carbonate boulders in a tributary of Deena Creek. Follow-up prospecting led to the discovery of the outcrop source of the boulders at the head of a steep gully.

The property was examined by several mining companies, and Teck eventually optioned the property. Teck carried out a program of geological mapping, geophysics (magnetometer and VLF-EM) and soil geochemistry over 27 kilometres of grid line. The outline of Teck's gridding (East and West Grids) is shown on the Property Overview Map (Figure 3). A six-hole (957 metre) diamond drill program was completed in the area of the showings. Teck returned the property to Doromin in 1990.

Later in 1990, Doromin completed nine short drill holes in the immediate area of the showings in an attempt to determine the trend of the sulphide zone.

The property was optioned by Inco late in 1991. Field work was carried out from May to August, 1992, consisting of 534 kilometres of airborne geophysics (EM/VLF/resistivity/magnetics), geological mapping, moss mat sampling and lithochemical sampling.

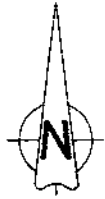
5.0 Regional Geology

The Queen Charlotte Islands are situated within the Wrangellia terrane of the Cordilleran Insular Belt. Rocks on the islands range in age from Late Paleozoic to Tertiary. The western part of Moresby Island is underlain by Upper Triassic Karmutsen Formation which consists of basaltic flows, tuff and minor sediment. Occasional exposures of Sicker Group-equivalent Upper Paleozoic sediments and tuff underlie the Karmutsen Formation. Elsewhere on the island, the Karmutsen is sequentially overlain by the Jurassic-Triassic Kunga Group, the Jurassic Yakoun Formation, Cretaceous Charlotte Group rocks and Tertiary volcanics and sediments. Jurassic dioritic plutons are common along the western part of Moresby Island.

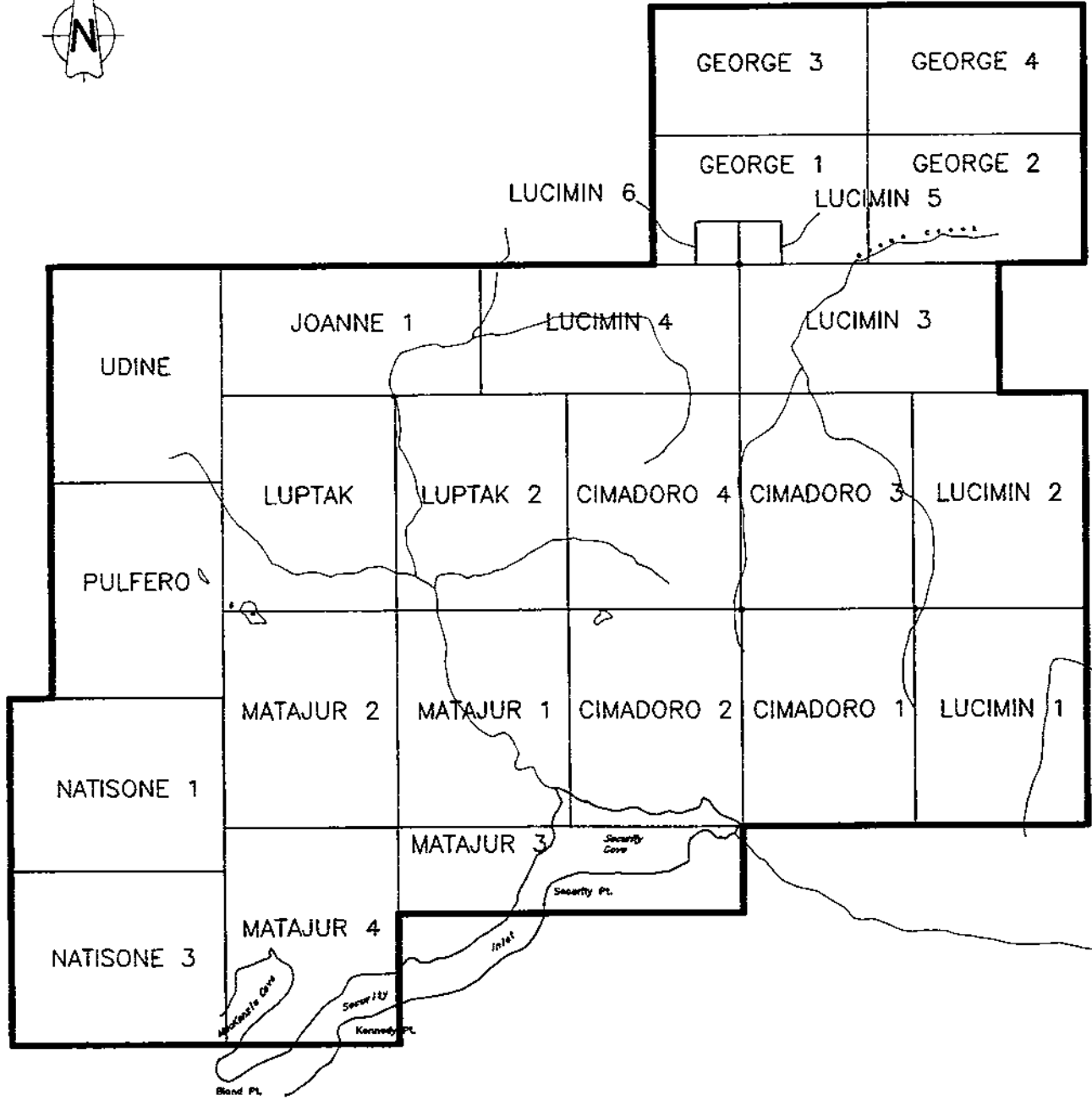
6.0 Property Geology

6.1 Lithology

The central part of the property is underlain by the northwest-trending Sediment-Sill Belt of possible late Paleozoic age (Sicker Group equivalent?). This belt consists of steeply dipping chert, argillite, limestone and calc-silicate beds cut by a series of gabbroic to dioritic sills. This belt hosts the Cimadoro Showings. The northeast part of the property is underlain by Karmutsen volcanics, late Triassic sediments and post-Triassic sediments. The southwest part of the property is dominated by a dioritic pluton of Jurassic age and associated metasediments and metavolcanics.

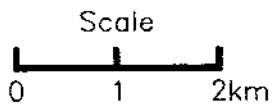


—132°15'



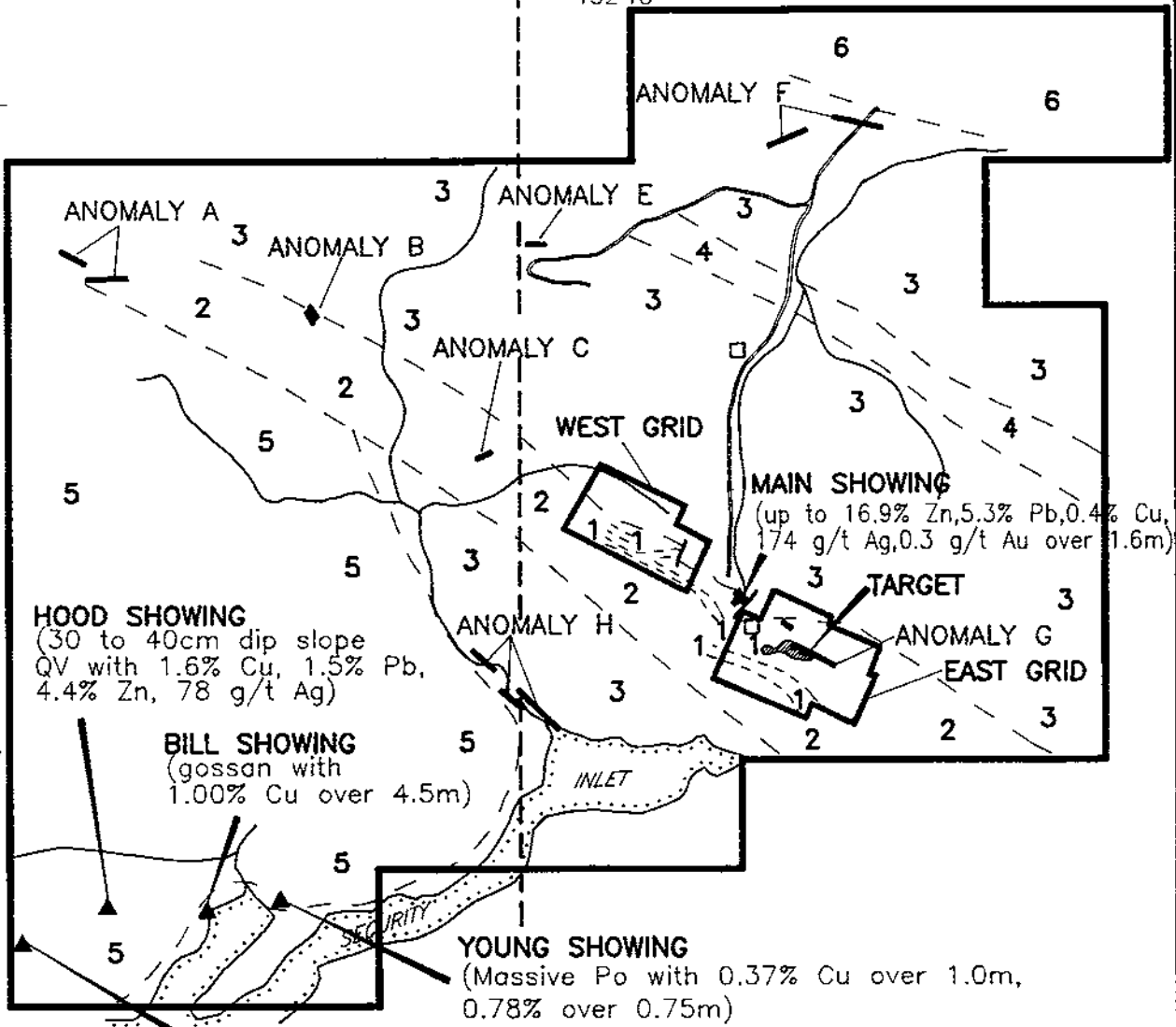
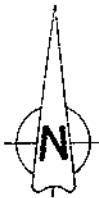
INCO EXPLORATION AND TECHNICAL SERVICES INC.

BRITISH COLUMBIA CIMADORO PROPERTY CLAIM LOCATION



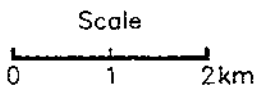
103F/1

FIGURE 2



LEGEND

- | | | | |
|--|---|--|--------------------------------------|
| | PROPERTY OUTLINE | | JURASSIC-TRIASSIC |
| | COINCIDENT VLF EM - Ba SOIL ANOMALY | | 4 KUNGA GROUP - LIMESTONE |
| | GEOLOGICAL CONTACTS | | TRIASSIC |
| | AEM ANOMALIES | | 3 KARMUTSEN FORMATION - BASALT |
| | SULPHIDE OCCURRENCE | | PERMOTRIASSIC (?) SEDIMENT-SILL UNIT |
| | ROAD | | 2 DIORITE, GABBRO-SILLS |
| | JURASSIC TO TERTIARY
6 UNDIVIDED SEDIMENTS AND VOLCANICS | | 1 CHERT, ARGILLITE AND LIMESTONE |
| | JURASSIC
5 DIORITE INTRUSIVE | | |
| | 1993 DRILL CORE STORAGE AREA | | |



INCO EXPLORATION AND TECHNICAL SERVICES INC.
**BRITISH COLUMBIA
 CIMADORO PROJECT
 PROPERTY OVERVIEW MAP**

FIGURE 3

CIM012

6.2 Mineralization

Mineralization on the property occurs in two principal areas; the Cimadoro Showings and the MacKenzie Cove Showings. Previous work at the Cimadoro Showings outlined several occurrences (Lower Showing, Upper Showing, Cliff Showing) of massive sulphide hosted in beds of argillite, chert and limestone. These showings consist of massive sulphide lenses with varying amounts of pyrite, sphalerite, galena, pyrrhotite and chalcopyrite. None of these lenses exceed five metres in strike length at surface. A bed of massive barite is associated with the Lower Showing. Massive sulphides at the Lower Showing are crudely banded, while the Upper Showing consists of fine laminations and wispy discontinuous bands of sphalerite and pyrite. Brecciation as well as weak graphitic and chloritic alteration are locally present. The Cimadoro Showings area is cut by numerous faults which are both subparallel and normal to bedding. Mineralization at the Cimadoro Showings displays both syngenetic and epigenetic characteristics.

Previous sampling at the Upper Showing returned Zn values up to 12.05% over 2 metres. Average values for other metals are: Cu-0.6%; Pb-0.7%; Ag-74 g/t; Au-0.5 g/t. Drilling by Teck in the Cimadoro Showings area did not intersect any massive sulphide. One anomalous intersection returned values of 1.34% Zn, 0.13% Pb, 0.10% Cu and 13.7 g/t Ag over 1.3 metres. Shallow drilling by Doromin at the Lower Showing returned intersections up to 16.78% Zn, 5.33% Pb, 0.39% Cu, 173.5 g/t Ag, 0.27 g/t Au over 1.6 metres.

Mineralization in the MacKenzie Cove area is skarn-type and is localized in basalts and limestones adjacent to Jurassic diorite intrusions. Mineralization is pyrrhotite and chalcopyrite rich with very low precious metals content.

7.0 1993 Diamond Drilling Program

7.1 Summary

The 1993 Cimadoro Drill Program was started on April 21 and was completed on May 4. Four diamond drill holes (BH87007-010) totalling 910 metres were drilled by J.T. Thomas Diamond Drilling using a JT-2000 drill rig. The core was logged by Inco personnel and is currently stored on the property (see Figure 3 for storage locations).

A two-hole fence (BH87007,008) was drilled to test AEM anomaly G on the East Grid. AEM anomaly G is coincident with a Ba (+/- Pb, Ag) soil geochemical anomaly and ground VLF conductors. These anomalies occur within the Sediment-Sill Belt to the southeast of the Cimadoro Showings. BH87009 was drilled southeast of the Cimadoro Showings to further test the chert unit which hosts the massive sulphide lenses. BH87010 was drilled to test cherty argillite units in the head of a stream near the Cimadoro Showings, in which semi-massive sulphide boulders have been located. Drill-hole locations, geology and geophysical conductors are shown on Figure 4.

Mineralized samples from cherty units were analysed for Cu, Pb, Zn, Ag, Au, Sb, and As. Au analysis was by fire assay with an atomic absorption finish. The remaining elements were analysed by atomic absorption. Selected samples were analysed for whole rock by ICP-fusion for determination of the bulk composition of various units. Complete descriptions of the analytical procedures (including sample preparation, digestion and detection limits) are given with the analytical results in Appendix B.

Drill holes from the 1993 drill program are summarized in the following table:

<u>Borehole Number</u>	<u>Collar Location</u>	<u>Elevation (metres)</u>	<u>Borehole Azimuth</u>	<u>Grid Bearing</u>	<u>Inclination</u>	<u>Depth (metres)</u>
87007	10175N\10950E	507	210	180	-45	267.92
87008	10010N\10950E	546	210	180	-45	255.73
87009	9935N\9910E	682	48	18	-50	197.81
87010	10085N\10085E	670	48	18	-45	188.67

7.2 Results

Drill logs with Cu, Pb, Zn, Ag and Au values are found in Appendix A. No significant intersections were drilled in any of the drill holes.

BH87007 was drilled through a basalt sequence with occasional thin chert beds. A fault is interpreted to separate this basalt sequence from the chert unit which occurs along strike to the northwest. Weak graphite in a thin (< 1 metre) chert bed was observed in BH87007. BH87008 cored through the sediment-gabbro sill sequence. Extensive graphite was observed along fractures in a dark grey chert in BH87008. The graphitic cherts in BH87007 and BH87008 are believed to be the cause of the AEM and ground VLF conductors on the East Grid. Samples of light grey chert in BH87008 returned highly anomalous Ba values (> 10 000 ppm) as did surface samples from the area. No barite was observed, but it is clear that Ba-enriched cherts are the cause of the Ba soil geochemical anomaly on the East Grid. A cross section with BH87007 and BH87008 is shown on Figure 5.

BH87009 was collared in what is interpreted as a flat-lying, fault-bounded basalt cap to the southeast of the Cimadoro Showings. The hole passed through this basalt cap and intersected a blind, vertically-dipping chert unit of the same thickness and appearance as the chert hosting the sulphide lenses at the Cimadoro Showings. A dark grey section of chert with 2 to 5 % pyrite returned zinc values up to 1180 ppm over 1.5 metres. The pyrite occurs as fine-grained beds up to 4 millimetres thick and fracture fillings. Another sample from this section returned a gold value of 575 ppb over 0.77 metres. These thin pyritic beds may be the distal equivalent of mineralization at the Cimadoro Showings.

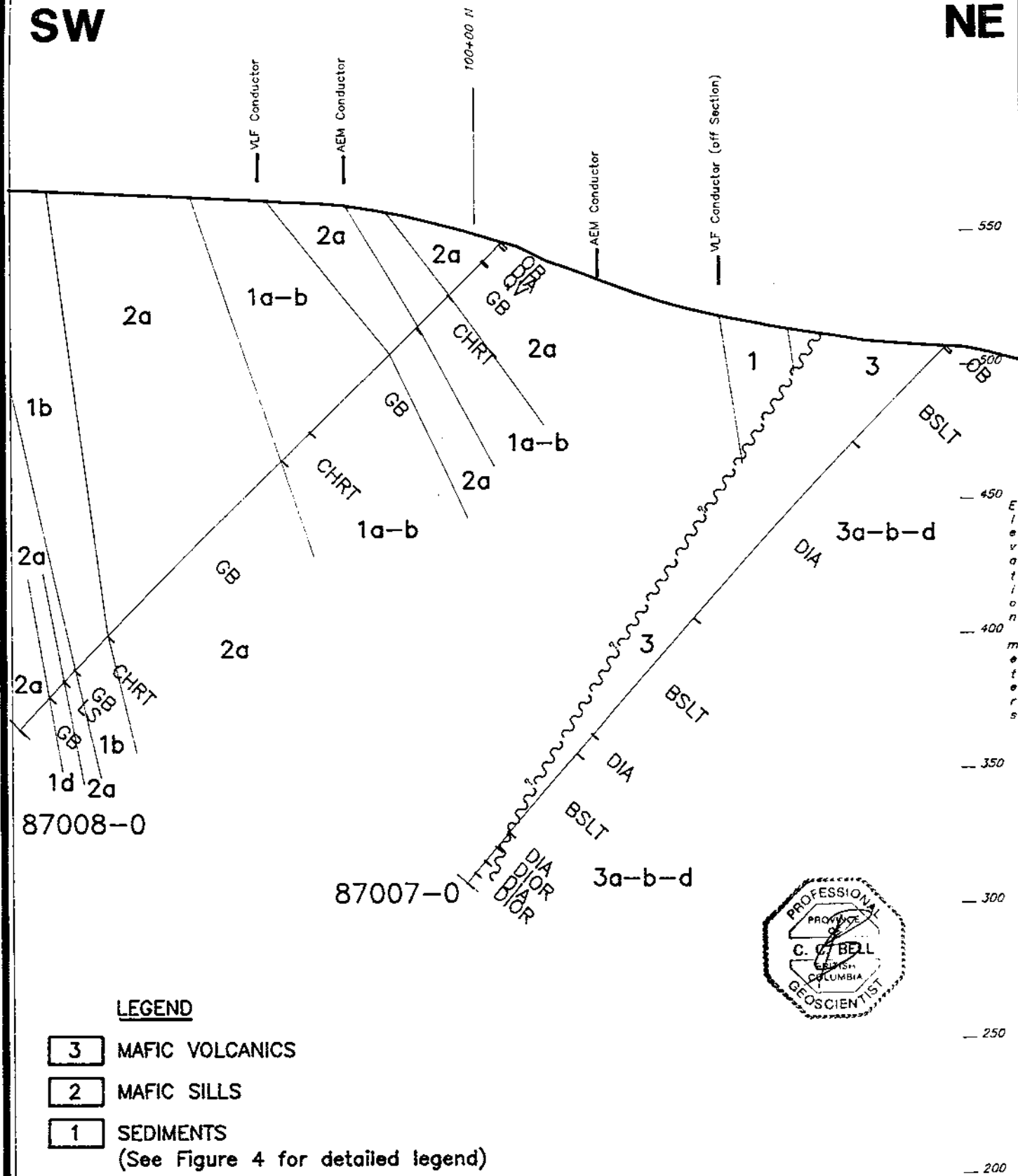
BH87010 drilled through a sequence of massive to porphyritic basalt with dark grey chert beds up to 13 metres thick. A brecciated section of chert with 2 % pyrite returned a value of 2700 ppm Zn over 0.60 metres. One of the chert beds in this hole contains zones with numerous pyrrhotite beds up to 8 millimetres in thickness. These zones returned only very weakly anomalous base metal and silver values. A cross section with BH87009 and BH87010 is shown on Figure 6.

8.0 Conclusions and Recommendations

The Cimadoro Showings area has been sufficiently tested by diamond drilling. No significant mineralization was encountered.

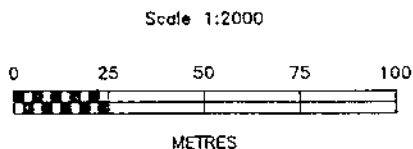
SW

NE



LEGEND

- 3 MAFIC VOLCANICS
 - 2 MAFIC SILLS
 - 1 SEDIMENTS
- (See Figure 4 for detailed legend)



INCO EXPLORATION AND TECHNICAL SERVICES INC.

BRITISH COLUMBIA

CIMADORO PROJECT

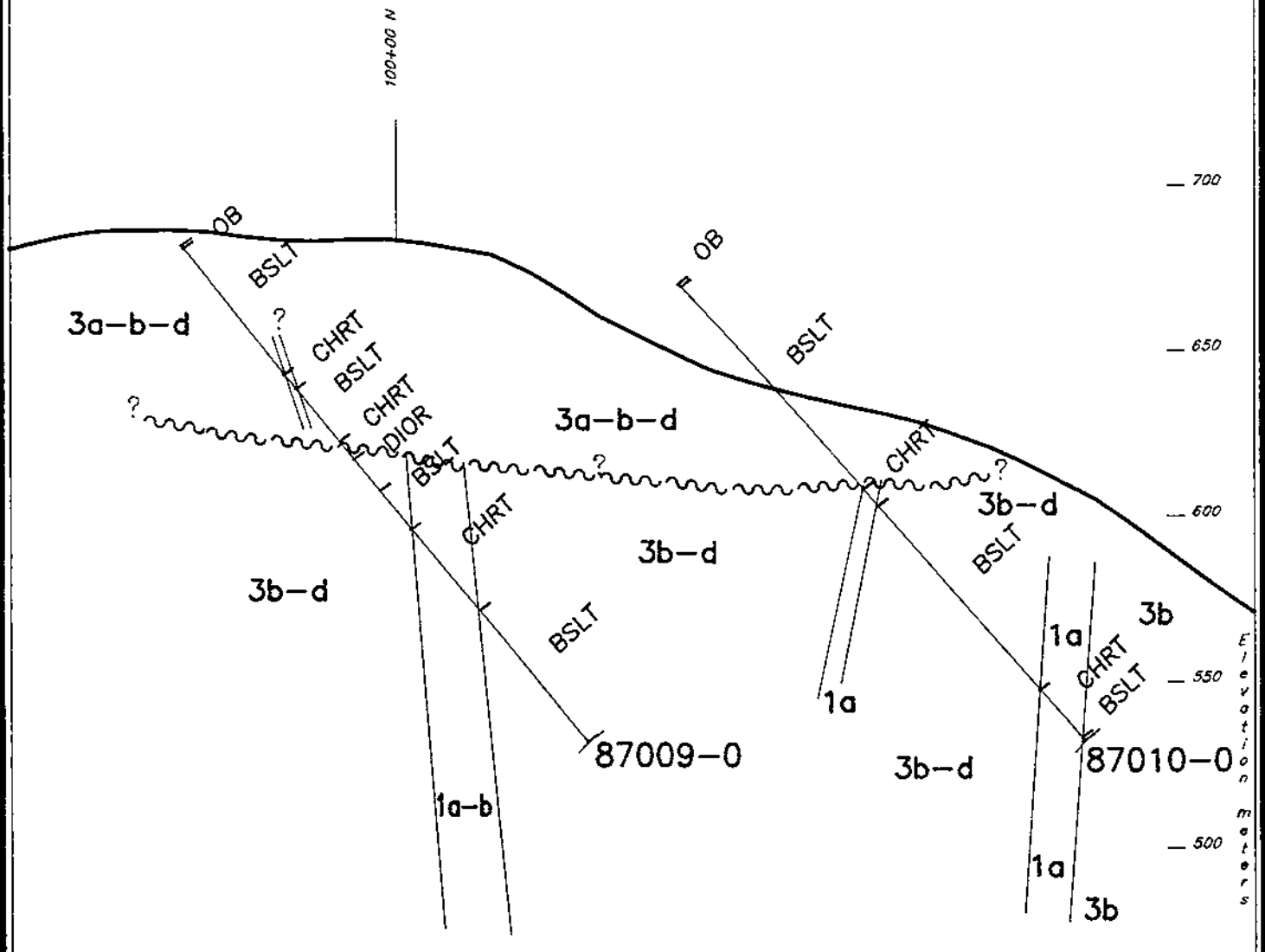
DRILL SECTION 109+50 E

FIGURE 5

CIM051.DWG

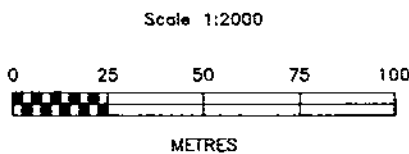
SW

NE



LEGEND

- 3 MAFIC VOLCANICS
- 2 MAFIC SILLS
- 1 SEDIMENTS
(See Figure 4 for detailed legend)



INCO EXPLORATION AND TECHNICAL SERVICES INC.
BRITISH COLUMBIA
CIMADORO PROJECT
DRILL SECTION @18'(Grid)

FIGURE 6

9.0 References

Betmanis, A. L., 1989, Cimadoro Property, Moresby Island, Queen Charlotte Islands, B.C., Teck Explorations Ltd., Internal Memorandum.

Crowe, G. G., Cann, R. M., 1991, Summary report on the Cimadoro property, Queen Charlotte Islands, B.C., Doromin Resources Ltd., unpublished report. 27 pp.

Hesthammer, J., Inderlid, J., Lewis, P. D., and Orchard, M.J., 1991, Permian strata on the Queen Charlotte Islands, B.C.; in Current Research, Part A, Geological Survey of Canada, Paper 91-1A, pp. 321-329.

Humphreys, N., 1990, Final report on the 1989 exploration of the Cimadoro property, Queen Charlotte Islands, Teck Explorations Ltd., unpublished report, 26 pp.

Inderlid, J. and Hesthammer, J., 1991, Lithologies of a Paleozoic or Lower Mesozoic volcanic rock assemblage on the Queen Charlotte Islands, B.C.; in Current Research, Part A, Geological Survey of Canada, Paper 91-1A, pp. 331-335.

Inderlid, J., Hesthammer, J., and Lewis, P. D., 1991, Geology of Northwestern Moresby Island and Southwestern Graham Island, Queen Charlotte Islands, B.C., Geological Survey of Canada, Open File 2318.

Sutherland Brown, A., 1968, Geology of the Queen Charlotte Islands, B.C. Department of Mines and Petroleum Resources, Bulletin 54, 226 pp.

10.0 Statement of ExpendituresPersonnel

C. Bell Project Geologist	April 1-June 25 37 days @ 250/day	\$9,250
I. Casidy Drafting Technican	April 1-June 25 5 days @ 180/day	\$900

Drilling

J.T. Thomas Drilling	910 metres (includes camp, meals, core boxes)	\$85,978
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Transportation

VIH Helicopters (206)	23.9 hours @ \$800/hour	\$19,120
4x4 Truck Rental	5 days @ \$100/day	\$500
Plane Tickets (Vancouver- Prince Rupert-Sandspit -Vancouver)		\$720

Analytical

35 core samples for Cu,Pb,Zn,Ag,Au 24 core samples for whole rock	\$1,254
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Miscellaneous

Accommodation	\$240
Meals	<u>\$116</u>

Total	\$118,078
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11.0 Statement of Qualifications

I, Cameron C. Bell, of Surrey, in the Province of British Columbia, do hereby certify that:

1. I reside at 15683 91 Avenue, Surrey, British Columbia, V4N 2X2.
2. I am a graduate of McMaster University with a Bachelor of Science (Honours) in Geology, 1987.
3. I have been employed in mineral exploration as a geologist with Inco Exploration and Technical Services since May of 1987.
4. I am a registered Professional Geologist in the Province of British Columbia.
5. I am a Project Geologist with Inco Exploration and Technical Services with offices at 2690-666 Burrard Street, Vancouver, B.C., V6C 2X8.
6. I personally carried out and supervised most of the work described in this report.

Cameron Bell

Cameron C. Bell, P.Geo.
June 25, 1993
Vancouver, B.C.



APPENDIX A

Diamond Drill Logs

BOREHOLE LOG

BOREHOLE : 87007-0
 PROJECT : Cimadoro
 PROPERTY NAME : Cimadoro
 MINE :

DATE PRINTED: 06/23/93

COUNTRY : Canada
 PROV/STATE : British Columbia
 NTS/QUADRANGLE : 103-F/1
 TWP/COUNTY :
 SEC. T. R. :
 CLAIM NAME :
 GRID NAME : East Grid
 UTM COORDINATES :
 ANOMALY # :

NORTHING : 10175.00
 EASTING : 10950.00
 ELEVATION : 507.00
 BOREHOLE BEARING : 180
 INCLINATION : -45.00
 HOLE LENGTH : 267.92
 ATTITUDE TEST METHOD: Acid

LOGGED BY : C.Bell
 DRILLED BY : J.T. Thomas
 DRILL TYPE : JT 2000
 CORE SIZE : BQ
 HOLE SIZE :
 STARTED : April 22, 1993
 COMPLETED : April 25, 1993

LEVEL : Surface
 HEADING :
 SECTION : 109+50 E
 BASELINE AZIMUTH : 120
 ASSAYED FOR :

COMMENTS:*****

LEFT IN HOLE :

DEVIATION RECORDS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
0.00	180.00	-45.00	91.44	-1.00	-47.50	147.00	-1.00	-49.00
216.00	-1.00	-49.00	267.92	-1.00	-50.00			

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
0.00	1.00	overburden Overburden consists of humus and organics.	0.00	1.00	NS	-	-	-	-	-	-
1.00	49.70	basalt Light gray-green, massive, fine grained. Occassional quartz and carbonate veinlets as well as fracture	1.00	39.32	NS	-	-	-	-	-	-
			39.32	40.82	FX483901	-	-	-	-	-	-
			40.82	42.15	NS	-	-	-	-	-	-

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
		fillings. Chlorite is common along fractures and in brecciated zones. Locally this unit appears pillowed.	42.15	42.46	NS	-	-	-	-	-	b52
			42.46	49.70	NS	-	-	-	-	-	-
	26.93	27.13									
		Minor fault zone with chloritic and clay gouge.									
	42.15	42.46									
		Dark gray graphitic chert.									
49.70	54.95	diabase									
		Dark gray-green diabase dyke. Pyrite stringers up to 2 millimetres occur near contact.	49.70	54.95	NS	-	-	-	-	-	-
54.95	91.57	basalt									
		Light gray-green, massive, fine grained. Quartz and quartz-carbonate veinlets are common. Chlorite is pervasive along fractures. Epidote? occurs as tiny (< 1 mm) flecks throughout this unit).	54.95	91.57	NS	-	-	-	-	-	-
	57.50	60.03									
		Zone with 15% indistinct feldspar phenocrysts (up to 3 millimetres in diameter).									
	90.38	91.57									
		Quartz-epidote alteration zone.									
91.57	138.07	basalt									
		Porphyritic, medium gray, massive; contains: plagioclase laths up to 18 mm, subhedral plagioclase grains up to 18 mm, anhedral chlorite grains up to 1.5 mm, and a fine grained groundmass (< 1 mm). Plagioclase grains average 20 % of unit. Quartz-carbonate veinlets up to 4 mm in width are common. Unit locally contains finer grained zones. Unit could be a gabbroic intrusive.	91.57	112.50	NS	-	-	-	-	-	-
			112.50	114.00	FX483902	-	-	-	-	-	-
			114.00	138.07	NS	-	-	-	-	-	-
	95.13	95.93									
		Intermediate dyke, very fine grained with feldspar and chlorite phenocrysts up to 1.5 mm. Contacts are at 35 degrees to core axis.									
	118.60	118.98									
		Quartz-epidote alteration zone.									
138.07	195.53	basalt									

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
		Same as at 54.95-91.57.	138.07	138.45	NS	-	-	-	-	-	b55
138.07	138.45	Dark gray bedded chert with graphitic partings.	138.45	195.53	NS	-	-	-	-	-	-
139.19	139.57	As above, cut by calcite veinlets.									
146.48	147.20	Diabase dyke.									
169.30	170.00	Diabase dyke.									
195.53	204.73	diabase Dark gray, massive, fine grained (< 1 mm), magnetic.	195.53	204.73	NS	-	-	-	-	-	-
204.73	243.33	basalt Same as at 54.95-91.47.	204.73	210.66	NS	-	-	-	-	-	-
210.66	210.94	Dark to light gray, bedded chert.	210.66	210.94	NS	-	-	-	-	-	b50
213.40	213.95	Zone with broken chloritic core.	210.94	237.44	NS	-	-	-	-	-	-
216.30	216.85	As above.	237.44	238.94	FX483903	-	-	-	-	-	-
241.93	243.33	Quartz-epidote alteration zone with contorted brecciation, 1% pyrite.	238.94	243.33	NS	-	-	-	-	-	-
243.33	250.48	diabase Feldspar Porphyritic, medium gray, massive, feldspar grains up to 3 mm, weakly magnetic, 1% pyrite. Contains occasional anhedral zeolite? grains up to 2.5 mm. Unit is cut by numerous quartz-carbonate veinlets.	243.33 246.00 247.50	246.00 247.50 250.48	NS FX483904 NS	- - -	- - -	- - -	- - -	- - -	- - -
250.48	257.18	diorite Light gray, massive, medium grained (up to 3.5 mm), 75% feldspar, mafic grains chloritized, 1% very fine grained disseminated pyrite.	250.48 252.68 254.18	252.68 254.18 257.18	NS FX483905 NS	- - -	- - -	- - -	- - -	- - -	- - -
257.18	262.98	diabase Feldspar porphyritic. Same as 243.33-250.48 with no zeolite grains.	257.18	262.98	NS	-	-	-	-	-	-
262.98	267.92	diorite Same as at 250.48-257.18 with numerous									

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
		quartz-carbonate veinlets. Foot of Hole.	262.98	267.92	NS	-	-	-	-	-	-

BOREHOLE LOG

BOREHOLE : 87008-0
 PROJECT : Cimadoro
 PROPERTY NAME : Cimadoro
 MINE :

DATE PRINTED: 06/23/93

COUNTRY : Canada
 PROV/STATE : British Columbia
 NTS/QUADRANGLE : 103-F/1
 TWP/COUNTY :
 SEC. T. R. :
 CLAIM NAME :
 GRID NAME : East Grid
 UTM COORDINATES :
 ANOMALY # :

NORTHING : 10010.00
 EASTING : 10950.00
 ELEVATION : 546.00
 BOREHOLE BEARING : 180
 INCLINATION : -45.00
 HOLE LENGTH : 255.73
 ATTITUDE TEST METHOD: Acid

LOGGED BY : C.Bell
 DRILLED BY : J.T. Thomas
 DRILL TYPE : JT 2000
 CORE SIZE : BQ
 HOLE SIZE :
 STARTED : April 25, 1993
 COMPLETED : April 27, 1993

LEVEL : Surface
 HEADING :
 SECTION : 109+50 E
 BASELINE AZIMUTH : 120
 ASSAYED FOR :

COMMENTS:*****

LEFT IN HOLE :

DEVIATION RECORDS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
0.00	180.00	-45.00	76.20	-1.00	-44.50	152.40	-1.00	-44.50
255.73	-1.00	-47.00						

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
0.00	1.21	overburden Composed of organics, humus and minor C horizon soil.	0.00	1.21	NS	-	-	-	-	-	-
1.21	9.72	diabase									

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
		fractures.	69.36	72.62	NS	-	-	-	-	-	-
64.09	67.15	Zone with 4 % pyrite in: very fine grained patches up to 8 mm, bedding parallel stringers up to 2 mm wide and fracture fillings. Zone is dark gray, strongly graphitic with disrupted bedding and brecciation.	72.62	73.22	FX483911	103	14	196	2.9	0	-
			73.22	93.78	NS	-	-	-	-	-	b50
			93.78	95.28	FX483912	98	7	130	0.3	30	-
			95.28	100.28	NS	-	-	-	-	-	-
67.86	69.36	Light gray chert with 1 % pyrite along fractures.									
71.30	71.80	Zone of broken core with abundant graphite.									
72.62	73.22	Dark gray chert with 3 % pyrite as fracture fillings with graphite and as fine grained patches up to 1 cm.									
76.29	77.49	Diabase, medium gray, contains 5 % anhedral chlorite grains. Unit is magnetic and has fine grained, tan coloured margins.									
79.84	80.66	As above.									
81.57	83.50	Brecciated zone with weak argillic alteration.									
93.78	95.28	Dark gray chert with 2 % bedded-disseminated pyrite, strongly graphitic.									
95.28	100.28	Zone with pervasive graphite along fractures.									
100.28	115.05	chert									
		Light gray, faint disrupted bedding, very fine grained in distorted fine grained patches parallel to bedding. Talc-argillic alteration occurs along fractures.	100.28	106.38	NS	-	-	-	-	-	-
			106.38	107.00	FX483913	69	46	89	0.2	0	b55
			107.00	112.50	NS	-	-	-	-	-	b45
			112.50	113.50	FX483914	30	3	73	0	0	b43
			113.50	115.05	NS	-	-	-	-	-	-
106.38	107.00	Zone with 2 % pyrite.									
112.50	113.50	Zone with 1 % pyrite in coarse euohedral grains up to 5 mm.									
115.05	207.48	gabbro									

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
		Medium gray-green, massive, medium grained (up to 1.5 mm), 70 % feldspar, 30 % chloritized mafic grains, flecks of epidote throughout. 1 % pyrite as disseminations, blebs and fracture fillings. Quartz-carbonate veinlets are common along fractures. Locally, unit becomes more mafic with up to 40 % chlorite phenocrysts up to 2 mm.	115.05	164.30	NS	-	-	-	-	-	-
			164.30	165.80	FX483915	58	0	77	0	0	-
			165.80	207.48	NS	-	-	-	-	-	-
168.05	169.37	Diabase, medium gray, massive, fine grained, 3 % anhedral zeolite? crystals up to 2 mm. Contains occasional chlorite phenocrysts up to 1 mm. Unit is finer grained near contacts.									
173.66	174.79	As above.									
181.60	183.23	Same as at 173.66-174.79.)									
185.87	189.79	Diabase, as above with 10 % chlorite phenocrysts up to 2 mm. Zeolite is absent.									
207.48	225.25	chert									
		Light gray, indistinct bedding, aphanitic, contains zones with up to 3 % pyrite as fine grained disseminations and fracture fillings. Locally strongly fractured with clay minerals along fractures.	207.48	208.98	FX483916	137	6	45	0	0	-
			208.98	216.00	NS	-	-	-	-	-	-
			216.00	217.50	FX483917	86	22	49	0.2	0	-
			217.50	222.00	NS	-	-	-	-	-	b55
			222.00	223.50	FX483918	11	4	120	0	35	-
			223.50	225.25	NS	-	-	-	-	-	-
207.48	208.98	Zone with 3 % pyrite.									
216.00	217.50	Zone with fractured and broken core and 2 % pyrite.									
225.25	231.10	gabbro									
		Medium gray-green, massive, medium grained, up to 50 % chloritized pyroxene grains up to 2 mm. Unit is finer grained near contacts.	225.25	231.10	NS	-	-	-	-	-	-
231.10	239.22	limestone									
		Unit is dominated by white to buff recrystallized carbonate, fine grained	231.10	239.22	NS	-	-	-	-	-	b55

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
		(up to 1 mm). Bedding is at 50-60 degrees to core axis. Contains medium gray chert beds up to 50 cm in thickness.									
239.22	255.73	gabbro Medium gray-green, massive, moderately chloritized and epidotized near upper contact. Contains occasional quartz-carbonate veinlets. Composed of 50% feldspar and 50% chloritized mafics.									
245.06	245.35	Epidotized zone.									
254.23	255.73	Zone with 15% acicular amphibole grains up to 5 mm. Foot of Hole.									
			239.22	255.73	NS	-	-	-	-	-	-

BOREHOLE LOG

BOREHOLE : 87009-0
 PROJECT : Cimadoro
 PROPERTY NAME : Cimadoro
 MINE :

DATE PRINTED: 06/23/93

COUNTRY : Canada
 PROV/STATE : British Columbia
 NTS/QUADRANGLE : 103-F/1
 TWP/COUNTY :
 CLAIM NAME :
 GRID NAME : East Grid
 UTM COORDINATES :
 ANOMALY # :

NORTHING : 9935.00
 EASTING : 9910.00
 ELEVATION : 682.00
 BOREHOLE BEARING : 018
 HOLE LENGTH : 197.81
 ATTITUDE TEST METHOD: Acid

LOGGED BY : C.Bell
 DRILLED BY : J.T. Thomas
 DRILL TYPE : JT 2000
 CORE SIZE : BQ
 HOLE SIZE :
 STARTED : April 30, 1993
 COMPLETED : May 2, 1993

LEVEL : Surface
 HEADING :
 SECTION :
 BASELINE AZIMUTH : 120
 ASSAYED FOR :

COMMENTS:*****

LEFT IN HOLE :

DEVIATION RECORDS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
0.00	18.00	-50.00	76.20	-1.00	-49.50	152.40	-1.00	-48.50
197.81	-1.00	-50.00						

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
0.00	1.07	overburden Contains humus, organics and C horizon soil.	0.00	1.07	NS	-	-	-	-	-	-
1.07	50.91	basalt Medium gray-green, massive, fine grained. Unit is strongly fractured with much broken core and chlorite coated fractures. Carbonate veinlets	1.07	21.00	NS	-	-	-	-	-	-
			21.00	22.50	FX483919	-	-	-	-	-	-
			22.50	42.27	NS	-	-	-	-	-	-
			42.27	43.37	FX483920	262	88	650	0.9	15	b35

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
		are common.	43.37	50.91	NS	-	-	-	-	-	-
33.12	39.00	Feldspar porphyritic zone with 5-10 % subhedral-anhedral feldspar phenocrysts up to 12 mm.									
42.77	43.37	Mudstone, dark gray-black, well bedded with bedding at 35 degrees to core axis, 3 % pyrite. Pyrite occurs in bedding-parallel laminations up to 2 mm thick and in fracture fillings. Graphite also occurs along fractures.									
44.60	44.94	As above.									
50.91	56.63	chert Chert-argillite, dark gray to light gray, well bedded with bedding at 20 degrees to core axis. Graphite occurs along fractures. Unit is cut by numerous quartz-carbonate veinlets up to 4 mm.	50.91	56.63	NS	-	-	-	-	-	-
52.37	52.46	Highly broken core, fault?									
53.29	53.72	Brecciated zone with 2 % pyrite in matrix.									
56.47	56.63	Quartz-carbonate vein.									
56.63	77.50	basalt Medium gray-green, massive, fine grained, chlorite is common along fractures, numerous quartz-carbonate veinlets.	56.63	77.50	NS	-	-	-	-	-	-
60.88	61.00	Zone with subrounded basalt and carbonate pebbles.									
76.95	77.50	Zone of brecciation, shearing and chlorite alteration. Zone contains disrupted carbonate veinlets. Shearing is at 70 degrees to core axis.									
77.50	84.62	chert Dark gray to light gray, locally strongly brecciated. Bedding is	77.50 78.77	78.77 82.00	FX483921 NS	352 -	5 -	50 -	0.7 -	0 -	- -

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
		poorly preserved. Unit is aphanitic.	82.00	83.50	FX483922	36	0	47	0.2	25	-
77.50	78.77	Brecciated dark gray chert with chert fragments up to 4 cm. Matrix is siliceous.	83.50	84.62	NS	-	-	-	-	-	-
82.00	83.50	Light gray, strongly brecciated chert.									
84.62	97.22	diorite Diorite?, light gray-green, massive, fine to medium grained (grains are up to 1 mm). Unit contains 50 % feldspar, 50 % chloritized mafic grains with occasional plagioclase laths up to 1.5 mm.	84.62	97.22	NS	-	-	-	-	-	-
84.62	85.80	Zone of argillic-epidote-chlorite alteration which is cut by numerous quartz-carbonate veinlets.									
90.75	90.79	Intermediate dyke with fine grained margins.									
97.22	112.57	basalt Medium gray, massive, fine grained. May be a fine grained equivalent of 84.62-92.22.	97.22	106.00	NS	-	-	-	-	-	-
			106.00	107.50	FX483923	244	3	72	0.4	30	-
			107.50	112.57	NS	-	-	-	-	-	-
112.57	145.30	chert Light gray to dark gray, well bedded at 30 degrees to core axis. Unit is locally brecciated with carbonate matrix. Pyrite locally occurs in bedding parallel beds up to 4 mm thick and along fractures. From 112.57 to 118.93, the chert is light gray to buff. From 118.93 to 145.30, the chert is dominantly dark gray. Unit contains approximately 1 % very fine grained pyrite. Graphite is locally present along fractures.	112.57	114.07	FX483924	34	5	31	0	45	-
			114.07	115.57	FX483925	123	4	44	0.2	30	b25
			115.57	115.87	FX483926	440	17	222	1.1	10	-
			115.87	121.50	NS	-	-	-	-	-	-
			121.50	123.00	FX483927	300	11	74	0.6	45	b20
			123.00	126.85	NS	-	-	-	-	-	b25
			126.85	128.35	FX483928	590	15	149	1.2	15	-
			128.35	130.63	NS	-	-	-	-	-	-
			130.63	132.13	FX483929	185	28	450	1.3	25	-
			132.13	133.63	FX483930	116	19	350	0.9	35	b35
			133.63	134.40	FX483931	74	17	260	2	575	-
			134.40	135.23	FX483932	100	41	450	0.8	20	-
115.57	115.87	Zone of highly fractured and broken core with 2 % fine grained pyrite and trace sphalerite? along fractures.	135.23	143.23	NS	-	-	-	-	-	b32
			143.23	144.73	FX483933	148	42	1180	1.1	0	-
			144.73	145.30	NS	-	-	-	-	-	-
121.50	123.00	Locally brecciated zone.									
126.85	128.35										

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
		Zone with 1 % extremely fine grained pyrite and numerous highly fractured sections.									
129.26	129.28	Clay seam-fault?									
129.55	129.80	Brecciated zone with clay matrix, fault zone.									
130.63	132.13	Zone with 3-5 % sulphide in beds up to 4 mm which are rich in very fine grained pyrite and possibly sphalerite.									
132.13	133.63	Chert with 2 % pyrite in very fine grained pyritic beds up to 1 cm.									
133.63	134.40	Same as above.									
134.40	135.23	Brecciated zone with quartz-carbonate matrix. 1 % very fine grained disseminated pyrite in cherty fragments.									
141.98	142.80	Black argillite with 2 % pyrite along fractures.									
142.80	143.23	Basaltic chill margin.									
143.23	144.73	Dark gray chert-argillite with 1-2 % pyrite along fractures and bedding planes.									
145.30	197.81	basalt	145.30	190.00	NS	-	-	-	-	-	-
		Light gray-green, massive, generally fine grained, carbonate veinlets with lesser chlorite are common along fractures. Unit is very fine grained near the chert contact. Cumulate feldspar porphyritic zones are common and are up to 60 cm in width. In these zones, feldspar crystals are subhedral and are up to 3 mm in diameter. Feldspar phenocrysts form up to 30 % of these zones. Non-porphyritic basalt contains 50 % feldspar and 50 % weakly chloritized mafics.	190.00	191.50	FX483934	132	3	60	0.2	5	-
184.44	185.62										

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
		Intermediate dyke, medium gray-green, weakly porphyritic, fine grained.									
186.07	186.33	Zone of highly broken core.									
186.86	188.32	Same as at 184.44 185.62.	191.50	197.81	NS	-	-	-	-	-	-

BOREHOLE LOG

BOREHOLE : 87010-0
 PROJECT : Cimadoro
 PROPERTY NAME : Cimadoro
 MINE :

DATE PRINTED: 06/23/93

COUNTRY : Canada
 PROV/STATE : British Columbia
 NTS/QUADRANGLE : 103-F/1
 TWP/COUNTY :
 CLAIM NAME :
 GRID NAME : East Grid
 UTM COORDINATES :
 ANOMALY # :

NORTHING : 10085.00
 EASTING : 10085.00
 ELEVATION : 670.00
 BOREHOLE BEARING : 018
 HOLE LENGTH : 188.67
 ATTITUDE TEST METHOD: Acid

LOGGED BY : C.Bell
 DRILLED BY : J.T. Thomas
 DRILL TYPE : JT 2000
 CORE SIZE : BQ
 HOLE SIZE :
 STARTED : May 3, 1993
 COMPLETED : May 5, 1993

LEVEL : Surface
 HEADING :
 SECTION :
 BASELINE AZIMUTH : 120
 ASSAYED FOR :

COMMENTS:*****

LEFT IN HOLE :

DEVIATION RECORDS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
0.00	18.00	-45.00	76.20	-1.00	-47.50	188.67	-1.00	-47.00

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
0.00	1.20	overburden Humus, organics and thin C horizon.	0.00	1.20	NS	-	-	-	-	-	-
1.20	85.38	basalt Light gray-green, massive, fine grained. Core is highly broken from 1.20 to 31.05. Chlorite,	1.20	36.00	NS	-	-	-	-	-	-
			36.00	37.50	FX483937	-	-	-	-	-	-
			37.50	85.38	NS	-	-	-	-	-	-

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
		quartz-carbonate veinlets and epidote are pervasive along fractures. Unit is locally brecciated and possibly pillowed. Unit contains occasional porphyritic zones. Trace pyrite occurs along fractures.									
29.80	30.00	Carbonate vein.									
39.39	39.46	Black argillite bed at 55 degrees to the core axis.									
40.60	41.55	Porphyritic section with plagioclase laths up to 1 cm, 20% phenocrysts. Unit is moderately epidotized.									
50.48	52.20	Gabbroic dyke, light gray-green, massive, medium grained with feldspar grains up to 5 mm. Unit contains 50 % feldspar and 50 % chloritized mafics.									
63.75	81.94	Zone containing 5 % anhedral chlorite grains up to 4 mm. Zone is locally feldspar porphyritic with laths up to 1 cm. Chlorite and quartz-carbonate veinlets fill fractures.									
85.38	92.20	chert									
		Dark gray-black, well bedded at 52 degrees to core axis. Beds are up to 2 cm thick. <1 % pyrite and quartz veinlets up to 4 mm thick occur along fractures. Unit is locally brecciated.	85.38	86.88	FX483938	85	29	200	0.6	5	b52
			86.88	88.40	NS	-	-	-	-	-	-
			88.40	89.00	FX483939	200	335	2700	1	0	-
			89.00	91.64	NS	-	-	-	-	-	-
			91.64	92.20	FX483940	92	26	145	0.6	30	b55
87.10	87.76	Zone of broken core.									
88.40	89.00	Brecciated zone with 2 % pyrite in matrix and along fractures. Matrix is dominantly quartz and carbonate. Graphite occurs along fractures.									
89.00	90.94	Intermediate dyke, gray-brown, contains 3 % calcite phenocrysts and 3 % chlorite phenocrysts up to 2 mm. Unit contains less than 1 % pyrite.									
90.94	91.30	Brecciated graphitic zone.									
91.30	91.64										

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	CANG
		Basalt, massive, fine grained.									
91.64	92.20	Moderately brecciated zone with 3 % pyrite as: fracture fillings and euhedral disseminated grains up to 1.5 mm.									
92.20	167.96	basalt									
		Medium gray-green, massive, fine grained. Quartz-carbonate veinlets are common along fractures. Unit is weakly chloritic.	92.20	114.15	NS	-	-	-	-	-	-
			114.15	114.77	NS	-	-	-	-	-	b20
			114.77	142.34	NS	-	-	-	-	-	-
			142.34	142.60	NS	-	-	-	-	-	b30
106.80	112.15	Feldspar porphyritic zone with 5-10 % feldspar phenocrysts up to 7 mm.	142.60	167.96	NS	-	-	-	-	-	-
114.15	114.77	Chert unit, dark gray, bedding is at 20 degrees to core axis.									
117.90	119.22	Same as at 106.80-112.15.									
124.66	125.20	Zone of broken core.									
142.34	142.60	Dark gray chert bed at 30 degrees to core axis.									
163.75	164.34	Zone of broken core with numerous carbonate veinlets.									
167.56	167.67	Black chert.									
167.67	167.96	Brecciated basalt and chert.									
167.96	187.40	chert									
		Black to drk gray, well bedded at 45 degrees to the core axis, numerous pyrrhotite beds up tp 8 mm in thickness. Graphite and quartz-carbonate veinlets are common along fractures. Pyrite occurs along fractures.	167.96	168.30	NS	-	-	-	-	-	-
			168.30	169.80	FX483941	223	87	600	0.9	0	b45
			169.80	171.75	NS	-	-	-	-	-	-
			171.75	173.25	FX483942	100	28	290	0.4	10	-
			173.25	185.90	NS	-	-	-	-	-	-
			185.90	187.40	FX483943	129	24	320	0.4	5	b43
168.30	169.80	Zone with 5 % pyrrhotite in beds up to 3 mm thick.									
171.75	173.25	As above with 3 % pyrrhotite.									
173.25	178.23										

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	AU PPB	CANG
		Intermediate dyke, medium gray-brown, fine grained with 2% chlorite phenocrysts up to 1.5 mm and 10 % feldspar phenocrysts up to 2 mm. Dyke has brecciated dyke material and black chert at its margins.									
185.90	187.40	Zone with 1% pyrrhotite-pyrite in beds									
187.40	188.67	basalt up to 2 mm and Light gray-green, massive, fine grained. Unit is brecciated with black chert at contact. Contains occasional quartz-carbonate veinlets along fractures. Foot of Hole.	187.40	188.67	NS	-	-	-	-	-	-

APPENDIX B

Drill Core Sample Analytical Reports



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

INCO EXPLORATION AND TECHNICAL SERVICES INC.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

A93142

Comments:

CERTIFICATE

A9314244

INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: 60521
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 19-MAY-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	33	Geochem ring to approx 150 mesh
274	33	0-15 lb crush and split
214	2	Rcvd as pulp; mesh size checked
238	35	Nitric-aqua-regia digestion
287	35	Special dig'n with organic ext'n

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	35	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
6	35	Ag ppm: HNO ₃ -aqua regia digest	AAS-BKGD CORR	0.2	100.0
13	35	As ppm: HNO ₃ -aqua regia digest	AAS-HYDRIDE/EDL	1	10000
2	35	Cu ppm: HNO ₃ -aqua regia digest	AAS	1	10000
3	35	Mo ppm: HNO ₃ -aqua regia digest	AAS	1	1000
4	35	Pb ppm: HNO ₃ -aqua regia digest	AAS-BKGD CORR	1	10000
22	35	Sb ppm: HCl-KClO ₃ digest, extrac	AAS-BKGD CORR	0.2	1000
5	35	Zn ppm: HNO ₃ -aqua regia digest	AAS	1	10000



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

10. INCO EXPLORATION AND TECHNICAL SERVICES INC.

2690 - 666 BARRARD ST.
 VANCOUVER, BC
 V6C 2X8

Project : 60521
 Comments:

Page Number :
 Total Pages : 1
 Certificate Date: 19-MAY-93
 Invoice No. : 19314244
 P.O. Number :
 Account : KPJ

CERTIFICATE OF ANALYSIS A9314244

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm Aqua R	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
FX 483906	205 274	< 5	0.3	4	49	1	23	3.0	82		
FX 483908	205 274	< 5	0.2	6	78	3	3	0.6	28		
FX 483909	205 274	< 5	0.4	4	92	6	36	1.2	145		
FX 483910	205 274	< 5	0.8	8	69	3	19	1.0	130		
FX 483911	205 274	< 5	2.9	20	103	51	14	3.0	196		
FX 483912	205 274	30	0.3	22	98	8	7	2.4	130		
FX 483913	205 274	5	0.2	130	69	69	46	1.0	89		
FX 483914	205 274	< 5	< 0.2	4	30	1	3	1.0	73		
FX 483915	205 274	< 5	< 0.2	8	58	1	< 1	0.6	77		
FX 483916	205 274	< 5	< 0.2	8	137	1	6	0.8	45		
FX 483917	205 274	< 5	< 0.2	22	86	2	22	0.8	49		
FX 483918	205 274	35	< 0.2	16	11	< 1	4	1.0	120		
FX 483920	205 274	15	0.9	6	262	18	88	2.4	650		
FX 483921	205 274	< 5	0.7	16	352	4	5	2.0	50		
FX 483922	205 274	25	0.2	8	36	2	< 1	< 0.2	47		
FX 483923	205 274	30	0.4	10	244	< 1	3	0.2	72		
FX 483924	205 274	45	< 0.2	16	34	< 1	5	1.2	31		
FX 483925	205 274	30	0.2	20	123	1	4	1.2	44		
FX 483926	205 274	10	1.1	38	440	4	17	4.8	222		
FX 483927	205 274	45	0.6	80	300	6	11	4.2	74		
FX 483928	205 274	15	1.2	304	590	5	15	2.2	149		
FX 483929	205 274	25	1.3	224	185	93	28	9.0	450		
FX 483930	205 274	35	0.9	120	116	27	19	6.0	350		
FX 483931	205 274	575	2.0	60	74	17	17	6.4	260		
FX 483932	205 274	20	0.8	220	100	49	41	7.4	450		
FX 483933	205 274	< 5	1.1	52	148	17	42	5.0	1180		
FX 483934	205 274	< 5	0.2	4	132	1	3	0.4	60		
FX 483935	214 238	< 5	< 0.2	8	99	1	3	0.6	87		
FX 483936	214 238	20	< 0.2	4	5	3	4	0.4	21		
FX 483938	205 274	5	0.6	26	85	10	29	4.0	200		<i>Standard Run 2</i>
FX 483939	205 274	< 5	1.0	44	200	28	335	4.4	2700		
FX 483940	205 274	30	0.6	8	92	20	26	0.6	145		
FX 483941	205 274	< 5	0.9	2	223	27	87	0.2	600		
FX 483942	205 274	10	0.4	2	100	13	28	0.2	290		
FX 483943	205 274	5	0.4	4	129	26	24	0.4	320		

CERTIFICATION:

Hunter Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: INCO EXPLORATION AND TECHNICAL SERVICES INC.

2690 - 666 BARRARD ST.
 VANCOUVER, BC
 V6C 2X8

A9314245

Comments:

CERTIFICATE	A9314245
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INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: 60521
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 21-MAY-93.

SAMPLE PREPARATION		
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	8	Assay ring to approx 150 mesh
274	8	0-15 lb crush and split
299	16	Pulp; prepped on other workorder
200	24	Whole rock fusion

ANALYTICAL PROCEDURES					
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
594	24	Al ₂ O ₃ %: Whole rock	ICP-AES	0.01	99.99
588	24	CaO %: Whole rock	ICP-AES	0.01	99.99
590	24	Cr ₂ O ₃ %: Whole Rock	ICP-AES	0.01	100.00
586	24	Fe ₂ O ₃ (total) %: Whole rock	ICP-AES	0.01	100.00
821	24	K ₂ O %: Whole rock	ICP-AES	0.01	99.99
593	24	MgO %: Whole rock	ICP-AES	0.01	99.99
596	24	MnO %: Whole rock	ICP-AES	0.01	99.99
599	24	Na ₂ O %: Whole rock	ICP-AES	0.01	99.99
597	24	P ₂ O ₅ %: Whole rock	ICP-AES	0.01	99.99
592	24	SiO ₂ %: Whole rock	ICP-AES	0.01	99.99
595	24	TiO ₂ %: Whole rock	ICP-AES	0.01	99.99
475	24	L.O.I. %: Loss on ignition	FURNACE	0.01	99.99
540	24	Total %	CALCULATION	0.01	105.00
891	24	Ba ppm		10	10000
973	24	Nb ppm	ICP	10	10000
1067	24	Rb ppm		5	10000
898	24	Sr ppm		10	10000
974	24	Y ppm	ICP	10	10000
978	24	Zr ppm	ICP	10	10000



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 PHONE: 604-984-0221

To: INCO EXPLORATION AND TECHNICAL SERVICES INC.

2690 - 666 BARRARD ST.
 VANCOUVER, BC
 V6C 2X8

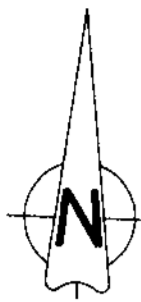
Project: 60521
 Comments:

Page Number : 1
 Job F : 1
 Certificate Date: 21-MAY-93
 Invoice No. : I9314245
 P.O. Number :
 Account : KPJ

CERTIFICATE OF ANALYSIS A9314245

SAMPLE	PREP CODE	Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %	Ba ppm	Nb ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm
FX 483901	208 274	12.49	8.34	< 0.01	15.93	0.38	5.59	0.20	3.37	0.33	45.73	3.34	2.67	98.38	290	18	< 5	120	50	190
FX 483902	208 274	13.34	9.96	0.08	10.19	0.50	9.17	0.17	2.79	0.17	44.20	1.05	6.57	98.19	260	< 10	7	290	20	50
FX 483903	208 274	12.74	8.20	< 0.01	13.44	0.40	4.05	0.19	3.50	0.24	47.15	2.54	5.47	97.93	1250	< 10	< 5	340	40	140
FX 483904	208 274	16.14	5.67	< 0.01	8.84	2.10	3.98	0.15	4.14	0.26	51.51	1.36	5.68	99.84	780	< 10	50	380	30	130
FX 483905	208 274	14.38	3.16	< 0.01	3.79	2.26	1.11	0.08	4.44	0.15	66.44	0.55	3.40	99.77	760	< 10	63	220	20	170
FX 483907	208 274	16.08	9.14	< 0.01	8.62	1.06	4.45	0.18	2.34	0.18	43.94	0.59	11.78	98.36	670	< 10	25	270	10	20
FX 483911	299 200	8.38	4.28	0.01	4.77	1.66	1.10	0.05	0.87	0.47	70.12	0.44	6.92	99.07	1300	< 10	42	120	20	70
FX 483913	299 200	11.76	1.05	< 0.01	7.35	1.93	2.73	0.20	0.98	0.13	66.27	0.61	4.11	97.13	>10000	< 10	45	70	20	90
FX 483914	299 200	11.99	3.59	< 0.01	6.26	2.23	2.43	0.35	0.53	0.17	64.91	0.61	5.01	98.09	>10000	< 10	71	80	30	90
FX 483915	299 200	13.74	8.99	0.06	10.55	0.60	6.28	0.18	2.48	0.24	48.64	2.01	4.58	98.35	980	10	5	570	30	140
FX 483918	299 200	5.86	2.25	0.07	3.20	1.24	1.55	0.10	0.24	0.09	82.22	0.24	2.90	99.96	1210	< 10	26	20	10	40
FX 483919	208 274	13.64	9.89	0.07	12.84	0.15	5.79	0.19	3.53	0.22	47.19	1.80	2.84	98.15	100	< 10	< 5	150	30	90
FX 483921	299 200	4.88	3.23	0.03	2.01	2.49	1.19	0.03	0.29	0.32	83.25	0.23	2.78	100.75	4320	< 10	38	50	10	30
FX 483923	299 200	13.07	7.82	0.04	13.36	1.10	8.97	0.19	2.04	0.18	46.20	2.12	2.95	98.04	2880	< 10	17	180	30	100
FX 483925	299 200	6.05	0.54	< 0.01	2.49	0.12	2.94	0.03	2.01	0.08	83.97	0.25	1.80	100.30	410	< 10	< 5	20	10	60
FX 483931	299 200	5.18	0.55	0.03	3.02	1.25	1.09	< 0.01	0.23	0.34	86.44	0.24	2.56	100.95	690	< 10	40	20	10	40
FX 483933	299 200	7.45	3.85	< 0.01	6.28	0.60	1.83	0.03	2.21	2.02	70.69	0.32	3.96	99.25	430	< 10	22	40	20	60
FX 483934	299 200	15.12	9.28	< 0.01	10.94	1.35	5.84	0.18	3.13	0.07	47.95	0.95	3.62	98.44	1750	< 10	28	230	20	40
FX 483935	299 200	13.32	8.62	< 0.01	11.48	0.76	5.68	0.36	2.11	0.09	48.55	1.27	5.83	98.08	170	< 10	17	150	30	80
FX 483936	299 200	11.14	0.75	< 0.01	2.29	7.61	0.54	0.02	0.37	0.02	76.97	0.27	1.19	101.20	770	20	122	20	110	270
FX 483937	208 274	12.56	8.64	0.04	13.22	1.47	9.57	0.21	1.37	0.15	44.76	1.81	4.25	98.05	500	< 10	19	180	30	100
FX 483940	299 200	8.49	5.34	< 0.01	5.13	0.33	2.02	0.07	2.66	0.76	69.53	0.54	3.91	98.79	310	< 10	< 5	80	20	60
FX 483941	299 200	8.30	3.71	0.01	10.76	0.21	1.87	0.04	3.17	0.14	64.55	0.55	4.46	97.77	70	< 10	6	30	20	60
FX 483942	299 200	7.70	6.75	0.02	7.18	0.19	2.64	0.08	2.38	0.30	66.53	0.57	5.25	99.59	60	< 10	6	30	20	60

CERTIFICATION: *Hart Bickler*



LEGEND

TRIASSIC

KARLITSSEN FORMATION

3 MAFC VOLCANICS

- 3a PILLOW BASALT
- 3b MASSIVE FLOWS
- 3c LAPILLI TUFF, BRECCIA: INTERMEDIATE IN COMPOSITION
- 3d FELDSPAR PORPHYRY SILLS? FLOWS? GLOMEROPORPHYRITIC TEXTURE
- 3e VERY FINE GRAINED FLOWS (?)

UPPER PALEOZOIC-EARLY TRIASSIC SEDIMENT-SILL UNIT

2 SILLS (MAY BE COGENETIC WITH UNIT 3)

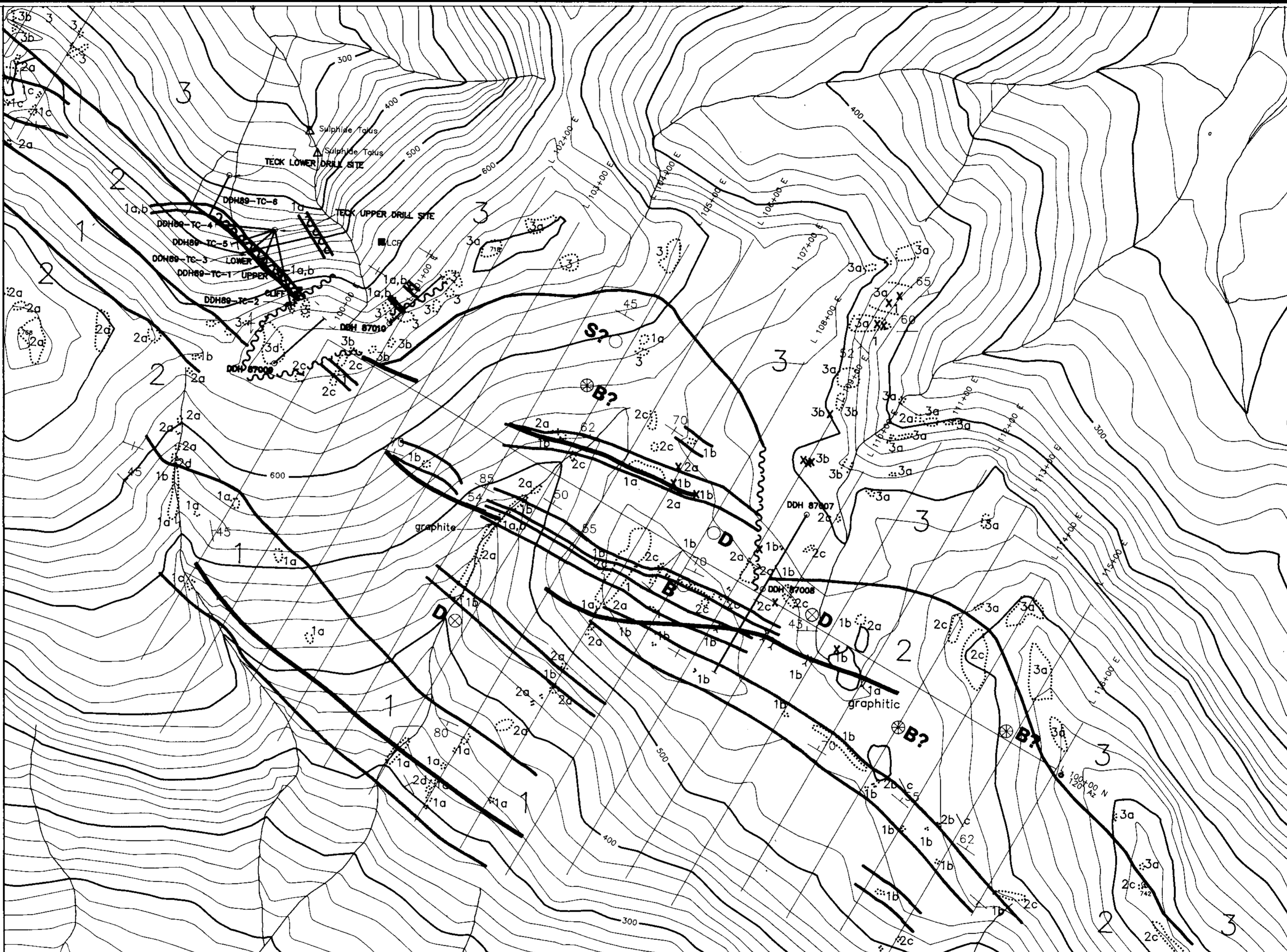
- 2a GABBRO, DIORITE: MEDIUM GRAINED
- 2b DIORITE: FINE GRAINED WITH GLOMEROPORPHYRITIC TEXTURE
- 2c DIABASE: FINE TO VERY FINE GRAINED
- 2d LEUCOCRATIC DYKES: GREY, BUFF VERY FINE GRAINED LEUCODIORITES

1 SEDIMENTS, TUFFS

- 1a BLACK CHERT, CHERTY ARGILLITE, SILTSTONE
- 1b WHITE, LIGHT GREY, BUFF CHERT
- 1c TUFFACEOUS CHERT: PALE TO MEDIUM SEA GREEN
- 1ct DACITE (?) TUFF: MEDIUM GREEN, MODERATELY SOFT, SERICITIC
- 1d LIMESTONE: LIGHT TO MEDIUM GREY
- 1e INTERBEDDED LIMESTONE, CHERT, LIMY CHERT: WHITE TO LIGHT GREY
- 1f BLACK LIMESTONE
- 1g CALC SILICATE: VUGGY WEATHERING

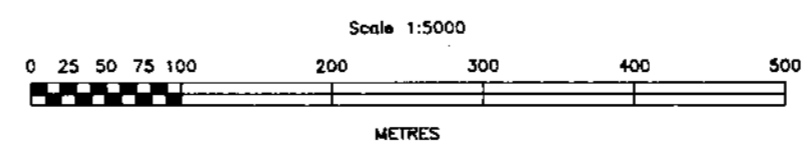
SYMBOLS

- OUTCROP
- SMALL OUTCROP
- SULPHIDE TALUS
- BEDDING
- FOLIATION
- CLEAVAGE
- CONTACT
- FAULT
- STREAM
- HAND TRENCH
- AEM ANOMALY
- VLF CONDUCTOR
- DIAMOND DRILL HOLE (1993)
- 1989 TECK DRILL HOLES
- GRID LINES 1991



GEOLOGICAL BRANCH ASSESSMENT REPORT

22,952



INCO EXPLORATION AND TECHNICAL SERVICES INC.

Vancouver, B.C.
V6C 2X8

Project: CIMADORO PROPERTY		Area: PRINCE RUPERT, B.C.	
Supervisor: Cam Bell		Instrument:	
Compiled by: Cam Bell		Date drawn: 04/28/93	
Scale: 1:5000		File: CIM015.DWG	
DRILLHOLE LOCATION; GEOLOGY AND GEOPHYSICS MAP		SHEET 1	FIGURE 4
Survey date:		Revised: 06/28/93	
N.T.S. 103 H/12			