### ASSESSMENT REPORT

ON THE 1995

DIAMOND DRILLING PROGRAM AND INDUCED POLARIZATION/RESISTIVITY SURVEY

ON THE JEAN PROPERTY (JW 162, 201, 300-308, 309 FR)

NATION LAKES AREA,

NORTHCENTRAL BRITISH COLUMBIA GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORTS

OMINECA M. D.



LATITUDE: 55 deg. 05' NORTH

LONGITUDE: 124 deg. 55' WEST

N.T.S. 93N/2W



FILMED

GEOLOGICAL SURVEY BRANCH

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ASSESSMENT REPORT

REPORT BY RAGNAR U. BRUASET BSC RAGNAR U. BRUASET & ASSOCIATES LTD. AND ALAN SCOTT, P.GEOS. SCOTT GEOPHYSICS LTD.

PROJECT CARRIED OUT UNDER THE DIRECTION OF DAVID L. COOKE PhD, P. ENG D.L. COOKE & ASSOCIATES LTD.

REPORT DATE: DEC. 28, 1995

FIELD WORK DONE: August 9-October 17, 1995 CLAIMS WORKED: JW 300-303, 305-308

OWNER AND OPERATOR: INTL. FOCUS RES. INC. GARY SCHELL, P. Eng, PRESIDENT TABLE OF CONTENTS

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SCOTT, A. LOGISTICAL REPORT INDUCED POLARIZATION/RESISTIVITY SURVEY JEAN PROPERTY SEPT. 14, 1995

### SUMMARY

The Jean property is a porphyry copper-molybdenum-gold prospect situated on the southern contact of the Jean Marie stock, an intrusive outlier of the southern Hogem batholith in northcentral B. C. The property is centered about 15 km south of Tchentlo Lake in the Nation Lakes area (1:50,000 NTS sheet CHUCHI LAKE 93N/2).

Fracture controlled chalcopyrite, pyrite, molybdenite and bornite occur variously in three drill-indicated zones located astride the faulted contact of the Early Cretaceous Jean Marie stock with the Upper Triassic volcanics of the Takla Group. This fault is locally known as the Contact fault (Plate 3).

The Induced Polarization method has historically been an effective guide to copper mineralization on the Jean property. Existing IP coverage, about 160 km in total, indicates an IP anomaly of +10 milliVolt/volt chargeability located generally along the southern contact of the Jean Marie stock. This anomaly is about 8 km in length and extends up to 2.5 km south of the Contact fault.

Substantial portions of this large anomalous area are characterized by chargeabilities of +15 mV/volt, or equivalent percent frequency effect. Interesting porphyry potential is seen in this system which has to date undergone only scant testing. The overall results to date are very encouraging: On the basis of the size and strength of known mineralized structures and the extent of the overall IP anomaly, potential is believed to exist in this area for a major new porphyry camp.

The occurrence of very large, strong unexplained geochemical anomalies for copper and, or, molybdenum on the Jean property have attracted the attention of explorationists. The vendors began to relocate the Jean prospect in 1991 after its former owners, the N.B.C. Syndicate, had abandoned most of the key claims. After relocating two of the principal showings, the vendors purchased a 100 % interest in the remaining 14 units. Intl. Focus Res. Inc. optioned the property in 1994.

Prior to the commencement of the 1995 IP survey and drilling program, most of the vendors' JW claims, which included a large number of 2 Post claims, were abandoned and relocated under Sections 32 and 33 of the Mineral Tenure Act. Currently, the property consists of eleven 4 Post and one fractional mineral claims totalling 181 units.

The 1995 program included 24.9 line km of 4-separation reconnaissance IP and resistivity. This survey extended the so-called B induced polarization anomaly, or B Anomaly, which was described in Assessment Reports No. 4774 and 5590. Also further defined were the H and the N anomalies. In the course of the 1995 survey, the B anomaly, within which the B Zone mineralization is located, was extended 400m grid east from L 32 W at the 2nd separation chargeability and a further 600 m at the 3rd and 4th separation levels. This IP survey also extended the N anomaly at the 15 mV/v level for an additional 1.5 km to grid west and defined the anomaly on the south side. The N anomaly is now in excess of 2 km in length by about 0.6 to 0.8 km in width based on the 15 mV/v contour. This anomaly also appears to connect with the H anomaly (Plate 3). The most recent survey also defined the south edge of the H anomaly as well as the overall southern limits of the 10 mV/volt chargeability contour (Plate 3).

The untested portion of the H anomaly measuring about 1 Km by 1.5 km at +15 mV/v chargeability, or equivalent, for n=2, lies immediately south of the Contact fault and adjacent to a strong coincident copper-molybdenum soil anomaly. One of this year's diamond drill holes tested the southeastern edge of the H anomaly. This season's drilling was plagued by shortage of water which severely restricted areas where drilling could take place.

The 1995 diamond drilling program consisted of a total of 838.40 m in 5 NQ holes. Most of this drilling was carried out in the general A and B Zones areas which were discovered by the former owners in 1974 in the course of percussion drilling of blind IP anomalies.

#### INTRODUCTION

The Jean property was discovered in 1969 in the course of reconnaissance stream silt sampling carried out by Cam J. Stephen, prospector, working for the N. B. C. Syndicate. The exploration history of the Jean prospect is discussed at some length in Cooke and Bruaset, 1991.

The objectives of the 1995 program were:

1. To determine by IP surveying the southern limits of the H anomaly. This anomaly was extended about 400 m to the SW along L 80E.

2. To determine by IP surveying the western and southern extensions of the N anomaly. This sizeable chargeability anomaly was first indicated in the 1994 survey. Our initial interest in that area resulted from a 1993 biogeochemical survey which included copper analyses. The current survey extends the N anomaly 1.5 km westerly thereby indicating an anomaly of overall approximate dimensions 2 km by 0.6 to 0.8 km for 15 mV/volt chargeability.

3. To evaluate with IP the unsurveyed area between the B, C and the N anomalies (Plate 3). The resulting eastern extension of the B anomaly measures 1 km for n=2 to 4 at +15 mV/v chargeability. The Cu-Mo mineralization of the B Zone, and its western extension, the A Zone, comprise a total drill-indicated mineralized strike length

of about 2km. Thus, this possible eastern extension of the B Zone of 1 km adds significantly to the overall potential along the Contact fault.

4. Diamond drilling was intended to test the H and N IP anomalies as well as the known mineralization of the A and B Zones. Due to shortage of water, it became necessary to modify the drilling program extensively. Four vertical holes, totalling 809.44m were drilled. For details, please refer to the section on drilling.

### LOCATION, ACCESS AND PHYSIOGRAPHY

The Jean property is situated near the headwaters of Jean Marie Creek.

Access is via about 100 km of logging roads northwesterly from Fort St. James. Miscellaneous logging roads occur in the broad valley to the south of the Jean property. A major access improvement on the east side of the property this fall resulted from Apollo Forest Products extending a logging road to within about 1 km of the NE edge of the H anomaly. However, because of the steepness of the terrain in this part of the H anomaly, and because of the road building regulations now in effect, the construction of a road to serve this part of the property is likely to be a fairly substantial undertaking. A route from the north up the west side of the H anomaly offer the best road prospects for this target. Such a route could connect with the N. B. C. road.

The Small Business Group of the Fort St. James Forestry is planning to upgrade an existing winter logging road extending onto the south-eastern portion of the Jean property and to build an extension for all-season log hauling as far as Airline Lake. This proposed road will run along the south side of the N anomaly and cross Jean Creek a short distance to the west of the existing road. Plate 3 shows part of this proposed route in relation to the Jean grid. We have discussed with the Fort St. James Forestry our own proposal for access to the N. B. C. Syndicate road via the N anomaly and they have indicated support for the 1996 construction of this proposed road.

The Jean property is characterized by gently rolling hills with elevations ranging from about 975m to 1597m. Maximum relief (450m) occurs in the NE part of the H Anomaly. Typical forest cover consists of white spruce, balsam fir and lodgepole pine.

Physiographically, the property is located in the northern portion of the division known as the Nechako Lowland (GSC map 1701A).

### PROPERTY AND OWNERSHIP

The property consists of 12 claims totalling 181 units as per the attached claim list. The property is owned by Intl. Focus Res. Inc.

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THIS MAP REVISED AFTER GOVERNMENT'S MAP DATED FEB-22/96 (NOTE THE REVISED POSITION OF LCP 2W 305, 306, 307)

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# CLAIM LIST

CAUTION: THIS IS NOT AN OFFICIAL RECORD; PLEASE CONSULT SAME FOR ANY INFORMATION ON THIS SHEET.

CLAIM	TENURE NO.	UNITS	DATE COMPLETED							
JW 162	330447	16	August 31, 1994							
201	329920	15	August 10, 1994							
300	338497	15	July 26, 1995							
301	338498	20	July 29, 1995							
302	338499	16	July 31, 1995							
303	338500	16	August 3, 1995							
304	338501	20	August 4, 1995							
305	338488	12	August 5, 1995							
306	338489	15	August 5, 1995							
307	338490	20	August 5, 1995							
308	338491	15	August 6, 1995							
309 FR	338948	1	August 6, 1995							
12 claims		181 units								

and is subject to an option agreement with Ragnar U. Bruaset & Associates Ltd. and D. L. Cooke & Associates Ltd., as vendors.

### REGIONAL GEOLOGY

The Jean Property occurs in the western part of a belt of mainly Upper Triassic Takla volcanics and coeval intrusions bounded by highly deformed Proterozoic and Paleozoic strata to the east and deformed Upper Paleozoic strata to the west. The western boundary of the Upper Triassic belt is the Pinchi Fault which occurs about 7 km west of the N anomaly. The Jean property area lies in the so-called Quesnellia Terrane which extends southeasterly into southern B. C. and northwesterly into the Yukon. This is the most productive copper belt in B. C. and is widely known in pre-terrane terminology as the Quesnel Trough. Alkaline and calc-alkaline porphyry camps such as Nation Lakes (Jean, Mt. Milligan), Quesnel River (Mt. Polley,), Iron Mask (Afton, Ajax), Highland Valley (Bethlehem Copper, Lornex, Valley Copper, J-A), Copper Mtn. (Copper Mtn., Ingerbelle) and others, occur in this belt.

The Jean stock is the southern-most outlier of the southern Hogem batholith (Garnett, 1978). It is located about 9 km east of the Pinchi fault; a structure of regional extent paralleling the western contact of the Hogem batholith. A hornblende date for Jean granodiorite is  $131 \pm 7 4$  Ma (Garnett, 1978). This is comparable to the age of mineralization in the Endako molybdenum system at 135 Ma (K. Dawson, pers. comm.)

### PROPERTY GEOLOGY AND MINERALIZATION

A description of the geology and mineralization of the Jean property is provided in Cooke and Bruaset, 1992 PART 1. Through the purchase from Chevron of certain key claims in the original N. B. C. Syndicate group, the vendors acquired a nearly complete data base of the Syndicate's exploration activity which spans the period 1969 to 1982. This has allowed us to build on the old data. Reports by Cooke and Bruaset, 1991, Bruaset, 1993, and Bruaset 1995 contain some previously unreleased geological information on the Jean property.

The Jean property covers the southwest portion of the Jean Marie stock and adjacent Takla volcanic rocks. The stock is a composite intrusion consisting of a granodiorite core with a diorite and quartz diorite border phase. Locally, both intrusive and volcanic rocks are intruded by dikes and sills of monzonite composition. The Takla volcanics consist mainly of augite andesite and lapilli tuff.

Thermal metamorphism of basic volcanics of the Takla Group to hornblende-hornfels facies extends at least 500 m away from the Contact fault which trends about 300 degrees and dips southerly. Petrographic studies carried out by Ian Paterson of Cominco while the property was under Cominco's management indicated that the pyroxene hornfels facies is absent in the volcanic rocks nearest to the granodiorite contact of the Jean stock and that the metamorphic grade within the volcanics does not change with depth within a few hundred meters of the surface. This substantiates the existence of a fault at the southern granodiorite contact of the Jean stock. An angle hole drilled across this contact in 1975 confirmed the fault hypothesis. A variety of models have been proposed to explain the position of the granodiorite core of the Jean stock in contact with hornfels, and the indicated absence of pyroxene hornfels at this contact. The Contact fault appears to be a fundamental mineralizing structure on the property based on the occurrence of several mineralized zones located astride this fault. Zoning of sulphides and alteration as well as thickening of mineralization towards the contact fault has been widely accepted as implying a genetic relationship between the mineralization and the Contact fault. To date, only a small portion of the Contact fault has been tested but a remarkably high incidence of significant mineralization in holes drilled in IP anomalies along it is apparent.

A second fault, the Centre Creek fault, trending about 280 degrees is postulated to follow a series of aeromagnetic lows in the 1981 N. B. C. Syndicate survey (Walker, 1981). This possible fault trends through the southern parts of the N and H anomalies and intersect the Contact fault near the east side of the H anomaly.

JoAnne Nelson has commented on a suite of rocks, including thin sections, from the 1994 Jean map area (Letter by Ms. Nelson, dated 14 Feb. 1995). The mapping of Nelson in the Nation Lakes area includes the Witch Lake area a short distance east of the Jean. The mapping of Nelson extends eastwards to the Mt. Milligan area. Nelson's comments on the Jean biotite are of particular interest. She indicates that the volcanics in the property area are somewhat hornfelsed. She notes that the distribution of biotite is suggestive of a large potassic alteration system. She sites the texture of biotite, as well as its distribution in hornfelsed and nonhornfelsed rocks, as support for a metasomatic origin for the biotite. She holds the view that a large K-halo, similar to other porphyry properties in the district such as Mt. Milligan and BP Chuchi may be present on the Jean.

Based on information from known areas of significant mineralization on the property, chalcopyrite, pyrite, molybdenite and bornite occur variously in the intrusives of the Jean stock, mainly in granodiorite. This mineralization is frequently associated with quartz and potassium feldspar. Mineralization within the volcanic host tends to be chalcopyrite filled hairline fractures and seams of massive chalcopyrite with or without associated quartz. The principal known mineralized zones on the Jean form broad subhorizontal sheet-like deposits about 1 km in length, about 0.5 km in width and 15-30 m in thickness, straddling the Contact fault. The copper grades in the volcanic portion of the mineralized zones are typically higher that in the intrusive. In the intrusive potion, molybdenum is higher than in the volcanics. The Cu equivalent grades of the intrusive and volcanic portions of the mineralized zones are approximately equal. A notable characteristic of the mineral zoning in two of the Jean deposits is the fact that in the hanging walls, the chalcopyrite to pyrite ratio is << 1. Within the mineralized zones, this ratio is reversed. Copper mineralization in the hanging wall of these tabular zones tend to be very spotty. The tabular mineralized zones are characterized by high degrees of continuity in grade and thickness based on systematic percussion drilling at 400-foot centres variously on 400 and 800-foot spaced sections including step out holes between sections.

### DIAMOND DRILLING ON THE JEAN PROPERTY 1995

A light-weight Long Ranger flyable drill was employed in this project.

The drilling equipment was flown in from the 4 km point of the so-called 100 Road off the Leo Creek Forest Service Road.

The drilling was carried out by a contractor on a two shift basis between the dates September 15 and 28.

The drilling was preceded by a dry period and this continued for the duration of the program. Consequently some of the usual sources of water became inadequate to support a diamond drill. Andesite Creek in the B Zone area did not contain any visible running water during the program and Centre Creek in the H anomaly area contained barely enough for DDH J 95-1 and a week later, this creek contained no running water in the N anomaly area.

Table 1 contains general data on drilling, including core recoveries. The drill logs are to be found in Appendix 1. Except for holes J 95-4 and 5, core recoveries are acceptable. Most of the drilling was done without the benefit of mud. The core recovery in DDH J 95-5 in the interval where the B-Zone was expected to occur was less than 60%, even though the drilling was being carried out with mud. Accordingly, the results in these holes are inconclusive.

Sampling and core logging was carried out at Jean Camp situated in the A Zone area.

The core was logged by the author. The data was recorded on forms of the type utilized in the 1975 drilling program (Assessment Report 5633). Drill logs are found in Appendix 1. The ICP data are presented in Appendix 2 and the copper values are summarized in the tabulations following this section.

The sampling was carried out by a geochemist with more than 25 years of field experience including project management. All samples were double-bagged and flown out to the camp on back-hauls. Samples were stored under lock and key in a pick-up truck. When the truck contained a full load, the sampler would drive it to the prep. laboratory of Min-En at Smithers. Here samples were crushed and split to 250-300 g. All of the analytical work was carried out by Min-En Vancouver.

The four 11X17 inch maps in the pocket depict the distribution of certain elements that are anomalous in this data. These are copper, silver and lead. Gold is include for completeness. Each plot shows the normal levels of the element in question in comparable rocks based on data presented in Levinson, 1980. The broadly anomalous

TABLE	1

DDH	ORE SIZE	ANGLE	TOTAL LENGTH	CORE RECOVERY	NO. OF SHIFT ON SITE
95-1	NQ	-90 deg.	231.70m	97.67%	5
95-2	**	-90 deg.	240.85m	93.35%	6
95-3	**	-90 deg.	141.77m	98.34%	4
95-4	**	-55 deg.	28.96m	6.81%	2
95-5	,,	-90 deg.	195.12m	77.62%	4
			838.40		

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# 1995 DIAMOND DRILL SUMMARY COPPER IN DDH J 95-1

THE OVERALL CORE RECOVERY IS 97.67%.

INTERVAL. m	LENGTH m	RANGE IN VALUES ppm	MEAN COPPER ppm
5.63- 21.34	15.71	33-85	49
21.34-36.59	15.25	18-45	35
36.59-50.61	14.02	20-88	61
50.61-60.98	10.37	51-93	70
60.98-72.87	11.89	65-101	87
72.87-85.37	12.5	75-165	100
85.37-97.56	12.19	25-91	48
97.56-109.76	12.2	36-84	63
109,76-125,00	15.24	82-102	92
125.00-134.15	9.15	83-108	92
134.15-149.39	15.24	73-118	88
149.39-164.63	15.24	67-120	83
164.63-179.89	15.26	92-103	98
179.89-195.12	15.23	54-111	95
195.12-210.37	15.25	18-41	29
210.37-225.61	15,24	13-33	19
225.61-231.70	6.09	4-24	16

226.07

## 1995 JEAN DIAMOND DRILL SUMMARY COPPER IN DDH J 95-2

NOTES: 1. Overall core recovery in this hole is 93.35%. 2. Core recovery in B Zone is 96.5%. 3. Core recovery in "New" Zone is 95.5%. MEAN COPPER EXCEPT WHERE WEIGHTED RANGE IN AVERAGE VALUES; (₩) INTERVAL LENGTH ppm, EXCEPT IS GIVEN WHERE % (m) (m) 12.50 - 26.6914.19 54-1434 523 (W) 26.69-36.59 9.9 8546-1.750% B 1.2 % (₩) NOTE: The corresponding interval in nearby PH 74-6, O.61%(₩) the B Zone, averaged 0.46% Cu from 90-180 ft. \_\_\_\_  $\mathcal{Z}$ 28.19m Ο N 18.29 1862-4668 2987 (W) Ε 36,59-54,88 54.88-82.32 27.44 505-2048 1005 12.19 1780-4543 3186 82.32-94.51 1167 ppm(w)6.1 271-936 604 94.51-100.61 5.70 3468 100.61-106.31 1567-5368 109.45 48.87 471 106.31-155.18 127-1697 9.15 1628 (W) 155.18 - 164.331157-1888 \_\_\_\_ 109.45 1.43% N 164.33-173.78 9.45 4425-15.1% **(₩**) Ε V O.562%(₩) Z 173.78-182.93 9.15 563-2428 1203 \_\_\_\_ 0 35.67m N 481-1.650% 0.299% (W) E 182.93-200.00 17.07 20-2131 200.00-240.85 344 40.85 \_ \_ \_ \_ \_ \_ \_ \_ 228.35m

# J 53.RPT

# 1995 JEAN DIAMOND DRILL SUMMARY COPPER IN

DDH J 95-3

		RANGE	
		IN	MEAN
INTERVAL	LENGTH	VALUES	COPPER
m	m	ppm	ppm
6.1-12.20	6.1	208-1332	770
12.20-27.44	15.24	11-220	109
27.44-42.68	15.24	20-179	107
42.68-57.93	15.25	14-223	109
57.93-64.02	6.09	76-135	106
64.02-70.17	6.15	1625-1822	1724
70.17-88.42	18.25	12-196	72
88.42-94.51	6.09	10-38	24
94.51-97.56	3.05	554	554
97.56-118.90	21.34	13-136	59
118.90-141.77	22.87	10-186	69
	125 67		

# 1995 DIAMOND DRILL SUMMARY COPPER IN DDH J95-5

NOTES: 1. Overall core recovery is 77.62%.

2. The core recovery in the interval 12.20 to 67.07m is 59.87%. The projection of the B Zone occurs within this interval based on the adjacent Imperial Cross sections 40W and 48W with hole J 95 -5 drilled at approximately the half-way point between the sections.

3. The core recoveries in the above average mineralized sections 76.22m to 94.51m and 131.10-149.39 are 92.2 and 89.78, respectively.

		RANGE	
		IN	MEAN
INTERVAL.	LENGTH	VALUES	COPPER
m	m	pp <b>m</b>	ppm
12.20-33.54	21.34	44-518	153
No core recovered	3.05	_ ·	-
between blocks 33.5 36.59.	4 and		
36.59-64.02	27.43	135-889	450
64.02-76.22	12.2	51-90	67
76.22-94.51	18.29	372-1 <b>7</b> 96	1222
94.51-106.71	12.2	298-685	526
106.71-109.76	3.05	1920	1920
109.76-131.10	21.34	185-733	379
131.10-149.39	18.29	826-8189	3385
149.39-161.59	12.2	292-1451	771
161,59-176.83	15.24	68-711	355
176.83-195.12	18.29	51-822	510
	182,92	· · ·	

levels in silver and lead from the H to A and B anomaly areas is interesting. These are typical halo elements in the porphyry environment.

The first hole tested the southern margin of the H anomaly intersecting pyrite as the main chargeable material. The second hole tested the B Zone encountering mineralogy typical of the B Zone but at a higher average grading, namely 0.61 % Cu over 28.19 m, which includes 9.9 m grading 1.2 %.

The third hole was a 40 m step-out from the so-called Apple Cot showing which is a tabular monzonite sill of unknown thickness exposed at the base of a steep cliff on the south-side of Jean Creek. This showing has yielded chip samples containing up to several percent Cu over more than one meter, including significant gold based on N. B. C. Syndicate data. The Apple Cot showing is a separate mineralizing structure occurring above the so-called A Zone. This hole intersected what appears to be the gently southerly dipping tail end of the A Zone with an intersection at 64.02 m of 0.17% Cu over 6.15 m. This is well below the average Cu grade of the nearest A Zone intersection.

DDH J 95-4, an angle hole, was collared in the B zone area. It was abandoned at about 29 m, due to poor core recovery. This site was re-drilled with DDH J 95-5, a vertical hole. Unfortunately, the core-recovery was about 59 % in the interval where the B Zone was postulated based on the percussion drilling intersections on adjoining sections. The results from this hole are very much inconclusive and it remains for further drilling to determine if the B Zone actually exists at this location.

Evidence point to the occurrence of several stacked copper zones separated by lower grade mineralization.

The thickness of the B Zone in percussion hole 74-6 on Section 48W (L48 W) was 27.44 m and in DDH 95-2 it is 28.19 m. These hole were drilled about 5 m apart. The weighted-average copper of the B Zone intercept in DDH 95-2 is 0.61 % whereas the percussion hole had a mean of 0.46 %. DDH 75-1, drilled at an angle of -55 degrees on Section 48W, intersected the B Zone near the half way point between PHs 74-6 and 74-7. The average of the B Zone intercepts in the two percussion holes is 0.42 % and the weighted-average of the B Zone samples in DDH 75-1 was 0.68 % Cu. Accordingly, the diamond drill indicated grade of the B Zone is potentially significantly above that indicated by the percussion drilling, although a great deal of additional drilling would be required to confirm this. It is notable that in the Highland Valley area, during the 1960's and 1970's there were general tendencies for diamond drill holes to yield overall copper grades in the range of 10 to 20 % higher than percussion grades. DDH 95-2 encountered a second mineralized zone at 164 m comparable to the B Zone. The New Zone averaged 0.56 %

over 35.67 m. In both of these zones, the chalcopyrite:pyrite ratios are >>1 and in both cases mineralized fractures tend to have core angles of 60 to 80 degrees. The shallow dips are consistent with the subhorizontal attitude of the B Zone in cross-sections. The typical mineralized structures observed in core from these tabular zones including hairline fractures and seams containing mainly chalcopyrite.

The origin of the broad, tabular mineralized structures of the A and B Zones with total minimum combined mineralized length of about 1.7 Km remain unknown. Sub-horizontal fractures controlling chalcopyrite, molybdenite and pyrite are seen in outcrop in several locations along Jean Creek to the north of the B Zone. No evidence of a major sub-horizontal structure such as a thrust fault has been found on the property to date and no indications of the existence of secondary copper minerals beyond very rare occurrences of malachite are known.

### CONCLUSIONS

1. The IP survey of 1995 extended the N anomaly of 1994 1.5 km towards grid west indicating a drill target at least 2 km in length and overall 0.6 to 0.8 km in width (+15 mV/v chargeability). There are no known surface indication, of the cause of this anomaly. Biogeochemical sampling in 1993 and 1994 has indicated the N anomaly area to be anomalous in copper, although this anomaly extends well beyond the limits of the 15 mV/v contour.

2. The IP survey of the southern extensions of Lines 80 E and 104 E in the H anomaly area defined the southern limits of that anomaly. A drill hole in the southeastern edge of this anomaly returned anomalous silver throughout but only weakly anomalous copper. This formidable anomaly which covers an area from .8 to 1.3 km in width and 1.5 km in length is considered to be one of the principal untested drill target on the Jean. This is a very attractive target based in part on its size, soil and bark geochemical expressions, and geological setting, including proximity to the Contact fault. This target also occurs close to the intersection of two possible fault structures, namely the Contact fault and the Centre Creek trend.

3. DDH 95-2 drilled in the B-Zone area intersected that zone at the projected depth. The diamond drilling confirms the width of the zone. The average copper grade of the diamond drill hole is about 32 % higher than in the nearby percussion hole. The B Zone intercept in this hole is followed by a 109.45 m section of 1167 ppm Cu then by 35.67 m of 0.56 % Cu. The hole bottomed in mineralization ranging from 20 to 2131 ppm Cu.

4. The results in DDH J 95-5 drilled about 120 m grid East of DDH 95-2 in the B-Zone area are inconclusive since the core recovery

was only 59 % in the projection of the B-Zone and about 78 % overall. However, it did return an intersection of 0.34 % Cu over 18.29 m near the bottom of the hole where the core recovery was above average.

5. A vertical hole about 40 m south of the Apple Cot copper-gold showing did not intersect mineralization of grade comparable to the nearby showing suggesting this mineralized zone may be terminated to the south, or could be more steeply dipping than surface exposures have so far indicate.

6. In geochemical terms, all of the areas tested this year appear to be anomalous in copper and silver. Spotty anomalous values were also obtained for gold, tungsten and arsenic.

7. A program of testing is recommended in the major IP anomalies such as the H and N. Testing is also warranted in the extensions and to depth within the A and B Zones and in the southern extension of the C Zone.

### RECOMMENDATIONS -

Comprehensive recommendations for ongoing work on the Jean property would include considerations of all geological, geochemical, and geophysical data as well as percussion and diamond drilling results and applicable mineralizing models. Because of the very large size of the targets indicated on this property, systematic fencedrilling of the broad anomalous pattern needs to be part of a comprehensive testing program. The overall IP pattern of the Jean should be considered in light of the experience at Gibraltar, as described in Rotherham, et al, 1972 and Cannon, et al, 1972. The overall anomalous pattern of the Jean is comparable in size to that of Gibraltar. At Gibraltar, major portions of the ore deposits had IP responses in the order of 1.5 to 3 % frequency effect or equivalent chargeabilities of 7.5 to 15 mV/v using a conversion factor of 5. On the Jean we have substantial areas of 10 to 15 mV/v chargeability surrounding areas of much higher chargeability. One of the challenges in the interpretation of this type of data is the recognition of possible halo patterns formed by pyrite marginal to deposits. Gibraltar is an example where such recognition aided in the discovery of the important deposits.

REPORT BY:

Ragnar U. Bruaset BSc Ragnar U. Bruaset & Associates Ltd.

December 28, 1995

### 11.-

### REFERENCES

Bruaset, R. U. Dec. 28, 1995. Assessment report on the 1995 diamond drilling program and IP/Resistivity survey on the Jean Property.

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Cooke, D. L., Bruaset, R. U. 1992. Assessment Report on JW AND WJ and JW CLAIMS. 2 parts: Geology, Biogeochemistry; covering 1991 surveys.

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Rotherham, D. C., Drummond, A. D., Tennant, S.J 1972. Exploration of Gibraltar Western Miner February, 1972 p. 25

Scott, A., Sept. 1995 Logistical Report IP/Resistivity Survey on Jean property August, September 1995. Appendix 3 in Bruaset, Dec. 28, 1995.

Walker, J. T., 1981 Airborne magnetometer and Electromagnetic survey Jean Property A. R. 9320.

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### STATEMENT OF QUALIFICATIONS

### Ragnar U. Bruaset

1. I am a 1967 graduate of the University of British Columbia with a BSc degree in geology. I am a paid up member of the following technical societies: Geological Association of Canada (Fellow), The Association of Exploration Geochemists, Canadian Institute of Mining, Metallurgy and Petroleum, and Society of Economic Geologists.

2. I have supervised diamond drilling programs at various times in my geological career including a program on the Jean property in 1975.

3. I supervised programs involving geology, geochemistry, IP, percussion and diamond drilling and major access preparation on the former Jean Property on behalf of N. B. C. Syndicate over a 7-year period from 1973 to 1980 as an employee of Cominco Ltd.

4. I carried out geological and geochemical programs variously on the Jean Property in 1991, 1993, and 1994.

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Ragnar U. Bruaset BSc Géologist

Dec. 28, 1995

13.

# JEAN PROJECT COST STATEMENT FOR COSTS APPLICABLE FOR ASSESSMENT CREDITS

1. GROUND CONTROL. ESTABLISHING 27 KM OF CHAIN-SAWN LINE \$30,056 INCLUDING TIE-LINE

(HELICOPTER to be APPORTIONED: \$4228) ; (TRUCK RENTAL to be APPORTIONED: \$1375) ;----- \$5,603

SUBTOTAL (ground control) \$35,659

2.GEOPHYSICS. 24.9 KM OF INDUCED POLARIZATION AND \$25,480 RESISTIVITY SURVEYS

(HELICOPTER to be APPORTIONED: \$3247) ----- \$3,247

SUBTOTAL (geophysics) \$28,727

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3. DIRECT DIAMOND DRILLING COSTS. 838.40m TOTAL IN 5 HOLES \$44,610

4. INDIRECT DIAMOND DRILLING COSTS. SALARIES, EXPENSES, \$44,389 FUEL, SAMPLING EQUIPMENT, DOMICILE, ANALYSES.

(HELICOPTER to be APPORTIONED: \$ 73,997) ; (TRUCK RENTAL to be APPORTIONED: \$2750) ; ----- \$76,747

SUBTOTAL (drilling) \$165,746

5. FIELD SUPERVISION, REPORTING, REPRODUCTIONS 5. FIELD SUPERVISION, REPORTING, REPRODUCTIONS TOTAL \$238,867

Jen56.rpt



# APPENDIX 1

DIAMOND DRILL LOGS

TWO PARTS:

1. Lithology

2. Sample Sheets

. . DRILL LOG . Hole No.: J95-1 Elevation: -Property: Jean District: Omineca Location: H Anomaly Tests at: N/A Hor. Comp.: Zero Commenced: Sept. 16/95 - total 5 shifts Vert. Comp.: 231.70 Core Size: NQ Corr. Dip: -90° Completed: Sept. 18/95 Logged by: R.U. Bruaset Co-ordinates: 22.8 m @ 130° from 3+50S L80E (1995 extension) True Brg.: -Date: September 1995 Objective: To test IP anomaly % Recov.: 97.67% Core angle Sulph. Post Min. Analyses Sample Length Footage Description % Note .

From - to		Surpn.	Cpriny	on, mo	mag.	OF MP.	control	AL.		NO.		Kecov	Cu	MO	AU
0 - 5.63 m	Overburden														
5.63 - 23.17	Augite andesite. Generally massive and light green.								10.15 Chaicopyrite & pyrrhotite						
	Week addation to 18.67 m. Clay and chiorite alteration								along a fracture @ 40°. The						
	seems to be increasing with depth. Chloritization is								greatest amount of chaicopyrite						
	dominant alteration type occurring pervesively.								seen so far in this hole.						
23.17 -	Lapilli tuff. Fragments are volcanics typically;								12.00 Trace chalcopyrite with						
36.91	maximum 3 cm. Traces of disseminated pyrite. Mafics								minor pyrite & heavier pyrrhotite						
	range from fresh to wealdy chlortized. Moderate								in quartz chiorite vein @ 1.5 mm.						
	ciay alteration of feldspar.														
	30.48 - 31.37 Homblende porphyry dyke								14.15 Minor epidote and quartz						
	characterized by well shaped fresh homblende								with associated pyrrhotite,						
	leths from 2-5 mm set in an aphanitic groundmass.	-							chaicopyrite, pyrite = 5:4:1						
	Pyrite is disseminated (0.1%); no chalcopyrite														
	seen.								14.85 - 14.95 Bleaching and		•				
									abundant chioritic fractures.						
36.91 -	Augite andesite as 5.63 - 23.17.								15.80 - 15.95 Bleaching. Fairly						
43.55		·							heavy chalcopyrite with pyrr.						
									(1:1) in quartz vein @ 0°.						

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PAGE 1 OF 6

	DRILL LOG																		
Property:	······	District:				Hole No	o.: J95-1												
Commence	d:	Location:				Tests a	t:				Hor. Comp.:								
Completed:		Core Size:				Corr. D	ip:				Vert. Comp.:								
Co-ordinate	s:					True Br	g.:				Logged by:								
Objective:				····		% Reco	<b>v</b> .:			Date:									
Footage From - to	Description		% Sulph.	Ср/Ру	bn, mo	mag.	Core angle of MIF.	Sutph. control	Post Min. Alt.		Note	Sample No.	Length	Recov	,	Ana Cu	hyses Mo		Au
43.55 -	Feldspar porphyry generally with ap	hanitic								16.93 Sh	ieaning @ 70°.	+							
44.63	groundmass. Prominent plaglocias	e laths to				·				17.39 Pa	tchy epidote.								
	4 mm. Plagloclase altered to clay a	nd soft to knife.								17.70 Sh	earing @ 25".								
										19.17 Sh	earing @ 50°.								
44.63 •	Feisite. White. Intensely clay altere	od. Locally								20.76 Sh	earing @ 40°.	<u> </u>							
46.61	brecciated and faulted as indicated	by gouge 🗶 70°.								22.82 Go	uge @ 50°. The first								
						<u> </u>				fault in th	is hole,								
46.61 -	Wacke Including Interbedded black	siltstone. Wacke									· · · · ·								
	is variously massive to well bedded.	Sizstone								35.07 - 3	8.59 Very broken core.					-,		_	
	bedding planes and in hairline fractu	res.								mylonitic	200es @ 30-50*								
		•								36.00 Fa	ult @ 60°.				-				
	62.04 - 62.80 Augite andesite. Low	er contact @								36.22 Sile	ckensides and gouge								
	40°; upper contact obscured by broi	ken core.								Q 55*.									
	Disseminated pyrite 0.5%																		
										40.75 He	avy pyrite and moly								
70.50 -	Light to medium grey volcanic brecc	ia with augite				in border of		of calcite vein @ 55°.											
91.16	andesite tragments up to 16 cm. Su	dphide in the								Py:mo = 1	1:3							<u> </u>	
	form of disseminated pyrite. Chloriti	ization common								44.63 Fax	ult @ 0°, 30°. Gouge								
	along fractures.																		

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PAGE 2 OF 6

DRILL LOG																			
Property:		District:				Hole No	o.: J95-1												
Commence	d:	Location:			·	Tests a	t:			Hor, Comp.:	:								
Completed:		Core Size:				Corr. D	p:			Vert. Comp.	.:								
Co-ordinate	s:					True Br	g.:			Logged by:									
Objective:						% Recov.: Date:													
Core Post															Anat	yses			
Footage From - to	rom - to Sutph. Cp/Py				bn, mo	mag.	of MF.	Sutph. control	Min. Alt.	Note		Sample No.	Length	Recov		Cu	Мо		Au
91.16 -	Light greenish grey lapilli tuff with do	ominant								45.00 Fault breccia @ 30									
106.90	fragments to size 2-3 cm and rarely	up to 5 cm.								Fine black sulphides pres									
										45.32 Fault gouge @ 30*									
	105.40 - 106.75 Intensely bleeched	and clay																	
	attered. Fragments are white and soft to knife. 48.07 - 48.27 Breccia.																		
	Minor emerald green sericite. Minor	pyrite. Locally																	
	sheared and minor quartz veining in	cluding vuggy								51.75 Bedding @ 25%									
	quartz.																-		
										36.30 Bedding @ 60*.									
108.75 -	Sediment or volcanic sediment cons	sisting of hard																	
140.44	black aphanitic fragments set in aph	anitic								59.10 Bedding @ 50*.									
	groundmass that appears to be arise	sic. Thin								60.72 Bedding @ 50*.									
	bedding. Soft sediment deformation	indicated.								63.92 Bedding @ 50*.									
	Trace disseminated pyrite									66.40 Bedding @ 40*.									
										76.61 Fault @ 10*. Slicke	ensides.								
	121.27 - 123.92 Augite andesite. L	ower contact								78.96 Slickensides @ 60	<b>r</b> .								
	is sharp @ 45*. About 0.1% dissen	ninated pyrite.								83.70 Mylonite @ 40*.								_	
										85.91 Unusually heavy py	g 20°.				_				
							89.00 Fault (2 40°, 60°.	Gouge											
	and slickensides.																		

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PAGE 3 OF 6

DRILL LOG																			
Property:		District:				Hole No	b.: J95-1												
Commence	d:	Location:			!	Tests a	t.				Hor. Comp.:								
Completed:		Core Size:				Corr. D	ip:				Vert. Comp.:								
Co-ordinate	s:					True Br	g.:				Logged by:								
Objective:	•					% Recov.: Date:													
						,													
Footage Description % Core Post															Anat	yses			
From - to	Description		Sulph.	Ср/Ру	bn, mo	mag.	of MF.	control	Alt.			No.		Recov	,	Cu	Mo		Au
140.44 -	Chaotic breccia consisting of abund	lant felsic clasts								91.76 Fau	at @ 10*. Gouge and								
155.49	Including dark grey and black clasts	. Dark fragments								slickensid	ca				_				
	are occasionally thinly laminated. A	bundant calcite																_	
	veining occurs with traces of pyrite.									91.90 Fau	at @ 30°. Gouge and								
		•								slickensid	es.							_	
155.49 -	Lapilli tuff with the largest fragments	4-5 cm.													-				
166.98	Greenish fragments predominate bu	at clark grey to								92.34 Fau	it @ 30°. Mylonite.								
	black fragments also present. The	principle				· .				93.29 Fau	at @ 20*.								
	sutphide is pyrrhotite.									94.00 Fau	at 👧 20°. Siickensides				_				
										and gouge	ə								
166.98 -	Massive homblende porphyry with p	ohenocrysts								101.32 Fa	ult @ 10°. Slickensides				_				
168.73	of homblende 2-3 mm. Sharp chille	d lower and	. · ·							105.40 Fa	ult @ 20°.				_				
	upper contacts @ 80°. About #44	isseminated .								112.10 Ca	sicite-healed fault								
	pyrrhotite. About 50% of homblend	e has altered								breccia.								<u> </u>	
	to chlorite. Groundmass is fine grai	ined and clay																	
	altered.								-	117.62 - 1	18.27 Heavy calcite							—	
										veining in	breccia section. No								
						sulphide.													
																		1	

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DRILL LOG																			
Property:		District:				Hole N	o.: J95-1	,								'	1 1	1	
Commence	d:	Location:				Tests a	ıt:			Hor.	. Comp.:			1 /	1	1 '			
Completed:		Core Size:				Corr. D	ip:			Vert	t. Comp.:			1 /	1	'			
Co-ordinate	<u>s:</u>					True Br	/g.:			Log	ged by:			1 /	1	'			
Objective:						% Reco	<b>.</b> .:			Date	Date:			] )	1	'			
															'				
Footage	Description		% Sutoh	Co/Pv	bo mo	maq	Core angle of MF.	Sutph.	Post Min. Alt	,	Note	Sample No.	Length	Reco		Anat Cu	yses Mo		Au
168.73 -	Lapiti buff generally with rare fragm	vents to 12 cm -								127.24 - 127.3	8 Unusually		[				<u> </u>	+	
225.40	voicanic breccia (e.g. 197.70). A la	arge proportion			<b></b>			<b>!</b>		heavy pyrite in r	heavy pyrite in rare quartz-				-				
	of the fragments are reddish brown	perhaps due								calcite veins @	45". No								
	to fine grained secondary biotite. A	bundant calcite								chalcopyrite set	en.								
	stringera.																		
	175.00 - 175.81 Fault breccia @ 8	0°. Heavy calcite	· · · ·	′	· · · · · · · · · · · · · · · · · · ·		$\square'$			131.71 Pervas	sive reddish						•		
	veining.	!	'	<u> </u>	·′		<u> </u>			brown alteration	n resembling			L			L		
	193.81 - 196.60 Feldsper porphyry	with euhedral	<b></b> '	<u> </u>	<b> </b> '		$\square$			secondary bioth	ite.			L			L		
	feldspars to 3 mm. Groundmass is	i fine grained.	<b></b> ′	<b></b> ′	<b> </b> ′	$\square$	<b>↓</b> ′	$\square$						L			L	$\perp$	
	Mafics altered to chlorite.		<b> '</b>	<b> </b> '	<b>└──</b> ′	$\vdash$	$\vdash$			141.60 - 141.92	2 Layering @ 60°.			L			<b></b>		
		<u> </u>	<u> </u>	<b> </b> '	<b> '</b>	$\square$	ļ	$\square$						<b> </b>	—			$\rightarrow$	
225.40 -	Generally tuff with dark reddish bro	wn colour -	<b>↓</b> '	<b> </b> '	<b> '</b>	<b></b>	$\vdash$	L]		143.94 Slicken	nsides @ 30°.			<b></b>			<b></b>	+	
231.70	secondary biotite produces colour?	Trace pyrite.	<b>└──</b> ′	<u> </u>	∔′	$\vdash$	<b>└──</b> ′	$\square$		147.38 Fault @	2 60°. Gouge.			<b></b>			<b></b>		
			<b> </b> '	<b> </b> '	<b>↓</b> '	$\square$	<b>↓</b> ′	$\square$		148.62 Fault @	2 60°. Gouge.			L			<b>—</b>		
	230.00 - 231.70 Variably greyish to	a dark reddish	<b>└──</b> ′	<b></b> ′	<b></b> ′	$\square$	$\vdash$							I	$\rightarrow$		L		
	brown.		<b>└──'</b>	<b> </b> '	<b> '</b>		<u> </u>		· .	183.40 Layerin	ng 62,80°.			<b></b>	+				
		!	└───′	<b> </b> '	<b> </b> '	$\square$								L					
		186.64 Fault @		25.		<b>└───┤</b>				<u> </u>									
		!	<b>↓</b> ′	<b></b> '	<b>└</b> ──'	$\square$				Slickensided py	rite.		L	<u> </u>			l		
							1			1	í		· · · · · · ·	i					

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						D	RILL	LC	)G									
										····								
	District:				Hole N	o.: <b>J95</b> -1	1											
	Location:				Tests a	t:				Hor. Comp.:								
	Core Size:				Corr. D	ip:				Vert. Comp.:								
						g.:				Logged by:								
					% Reco	<b>w</b> .:				Date:								
····		1	_	_		_									Analyses			
Decembric a						Core	C. And	Post		Note	Samala	Lanath		· · · · · ·	Ana	yses	_	
Description		% Sulph.	Ср/Ру	bn, mo	mag.	Core angle of MF.	Sutph. control	Post Min. Alt.		Note	Sample No.	Length	Recov	;	Ana Cu	yses Mo		
Description		<b>%</b> Sulph.	Ср/Ру	bn, mo	mag.	Core angle of MF.	Sutph. control	Post Min. Alt.	196.00 M	Note inor fault. Slickensides	Sample No.	Length	Recov	;	Ana	yses Mo		
Description	•	<b>%</b> Sulph.	Cp/Py	bn, mo	mag.	Core angle of MF.	Sutph. control	Post Min. Alt.	196.00 Mi	Note Inor fault. Slickensides	Sample No.	Length	Recov	;	Ana	yses Mo	_	
Description		% Sulph.	Cp/Py	bn, mo	mag.	Core angle of MF.	Sutph. control	Post Min. Alt	196.00 Mi (2) 55°.	Note inor fault. Slickenskles	Semple No.	Length	Recov	;	Cu	yses Mo		
Description		14 Sulph.	Cp/Py	bn, mo	mag.	Core angle of MF.	Sutph. control	Post Min. Alt.	196.00 Mi Ø 55°. 200.00 Fa	Note inor fault. Slickensides uult. Slickensides	Sample No.		Reco	;	Ana	yses Mo		
Description	•	% Sulph.	Cp/Py	bn, mo	mag.	Core angle of MF.	Sutph. control	Post Min. Alt.	196.00 Mi 20.55°. 200.00 Fa 2010°.	Note Inor fault. Sückensides Inult. Säckensides	Sample No.		Recov		Cu	yses		
Description		% Sulph.	Ср/Ру	bn, mo	mag.	Core angle of MF.	Sutph. control	Post Min. Alt.	196.00 M © 55°. 200.00 Fa © 10°.	Note Inor fault. Sückensides uuft. Säickensides	Semple No.		Recov	,	Cu	Mo		
Description	· · · · · · · · · · · · · · · · · · ·	% Sulph.	Cp/Py	bn, mo	mag.	Core angle of MF.	Sutph. control	Post Min. All.	196.00 Mi	Note Inor fault. Sückensides sult. Slickensides 01.67 Heavy calcite	Semple No.		Recov		Cu	Mo		

212.00 - 214.70 Generally Intensely bleached. Strongly clay altered. Above normal pyrite content.

218.80 Fault @ 30\*. Slickensides

219.45 Fault @ 45\*. Gouge.

219.51 - 220.1 Intense bleaching

219.86 Fault @ 70\*. Gouge.

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END OF HOLE

Property: Commenced: Completed: Co-ordinates: Objective:

Footage From - to

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231.70 m

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	SAMPLE SHEET																	
Property: J	ean	District: Omineca	M.D.			Hole No	o.: J95-1				Elevation: -							
Commence	d: September 16/95	Location: H anom	aly			Tests a	t: N/A				Hor. Comp.: Zero							
Completed: September 18/95 Core Size: NQ							ip: -90°				Vert. Comp.: 231.70	)						
Co-ordinate	!	True Br	g.: -				Logged by: R.U. Bru	laset										
Objective:		% Reco	w.: 97.6	7%6 ·			Date: September 19	95										
Note: Samp	oling diamond sawn core throug	hout							Analyse	s by MIN	-EN Labs File No.: 5	<b>5-</b> 0149						
Fastasa	Description						Core	Sutah	Post Min		Note	Sample	Length			Anal	ses	
From - to	Description		Sutph.	Ср/Ру	bn, mo	mag.	of MF.	control	AL			No.	Congot	Recov		Cu	Mo	Au
0 -	5.63 OVERBURDEN	•																
5.63 -	9.15		trace	1:100		c	N/A	dissem				J-1	3.52	3.17	_			
9.15 -	12.20		⊲0.1	1:100		c	10,25,35, 40,45	fracts.				J-2	3.05	3.05				
12.20 -	15.20		⊲0.1	1:100		с	no data	fracts.				13	3.00	3.20				
15.20 -	18.29		⊲0.1	1:100		c	no data	fracts.				J-4	3.09	3.08				
18.29 •	21.34		⊲0.1	1:100		с	no data	fracts.				J-5	3.05	2.80				
21.34 -	24.39		<b>40.1</b>	1:100		D	no data	fracts.				J-6	3,05	2.88	_			
24.39 -	27.43		⊲0.1	1:100		c	no data	fracts.				J-7	3.04	2.89				
27.43 -	30.48		<b>40</b> .1	1:100		D	no data	fracts.				J-8	3.05	3.02	_			
30.48 -	33.54		⊲0.1	1:100		c	no data	fracts.				J-9	3.06	2.96				
33.54 -	36.59		⊲0.1	1:100		D	no data	fracts.				J-10	3.05	2.83				
36.59 -	39.63		<b>4</b> 0.1	1:100		D	no data	fracts.				J-11 、	3.04	2.80				
39.63 -	42.68	-	⊲0.1	1:100	tr. Mo	D	55	fracts.			·	J-12	3.05	3.00				
42.68 -	45.72		⊲0.1	1:100		D	N/A	dissem				J-13	3.06	2.91				
45.72 -	48.78		<b>40.1</b>	1:100		D	50, 65	fracts.				J-14	3.05	2.00				I
48.78 -	50.61		3%	1:100		D	10	fracts.				J-15	1.83	2.12				
50.61 -	53.35		1%	1:100		C	20, 80	fracts.				J-16	2.74	2.71				
53.35 -	54.88		1%	1:100		с	10, 50	fracts.				J-17	1.53	1.37				v
54.88 -	56.40	· · ·	1%	1:100		C	45, 50	fracts.				J-18	1.52	2.15	_			
56.40 -	58.53		1%	1:100		С	20, 50, 60	fracts.				J-19	2.13	1.65				

PAGE 1 OF 5

mag 

 magnetism with pencil magnet: A = strong; B = moderate; C = weak; D = non-magnetic
 MF = mineralized fracture = vein, fracture, fault containing ore minerals

							SAN	IPLE	E SH	IEET					·			
Property:		District:				Hole N	o.: J95-1											
Commenced: Location:						Tøsts a	t		_	Hor. Comp.:							Ì	
Completed: Core Size:							ip:			Vert. Comp.:	Vert. Comp.:							
Co-ordinates:							g.:			Logged by:								
Objective:							w.:			Date:								i
Fastara	Description						Core	0.44	Post	A1_A_					Anat	583		
From - to	Description		Sulph.	Cp/Py	bn, mo	mag.	of MF.	control	Mun. Alt.	NOTE	No.	Length	Recov		cu	Мо		Au
58.53 -	60.98		0.5	1:100		c	50, 65	fracts.			J-20	2.45	2.43					
60.98 -	64.02		0.5	1:100		с	10, 60	fracts.			J-21	3.04	3.00					
64.02 -	67.04		2%	1:100		D	0,15,40	fracts.			J-22	3.02	3.02					
67.04 -	69.51		2	1:100		D	20, 60	fracts.			J-23	2.47	2.86					
69.51 -	70.43		0.5	1:100		٥	40	fracts.			J-24	0.92	0.81					
70.43 -	72.87		0.1	1:100		D	20, 40	fracts.			J-25	2.44	2.21					
72.87 -	75.92		<b>⊲0</b> .1	1:100		D	10,40,50	fracts.			J-26	3.03	3.10					
75.92 -	78.96		≪0.1	1:100		D	N/A	dissem			J-27	3.04	3.00					
78.96 -	80.49		≪0.1	1:100		D	N/A	dissem			J-28	1.53	1.62					
80.49	82.32		⊲0.1	1:100		D	N/A	dissem		·	J-29	1.83	1.64					
82.32	85.37		<0.1	1:100		D	10, 60	dissem			J-30	3.05	2.70					
85.37 -	88.11		2%	1:100		c	10,30,40, 50,80	dissem			J-31 .	2.74	2.70					
88.11 -	91.16		<0.1	1:100		D	N/A	dissem			J-32	3.05	2.90				1	
91.16 -	93.29		<0.1	1:100		D	N/A	dissem			J-33	2.13	2.33					
93.29 -	94.51		0.2	1:100		D	N/A	dissem			J-34	1.22	1.00					
94.51 -	97.56		0.1	1:100		D	N/A	dissem			J-35	3.05	3.00					
97.56 -	100.61		⊲0.1	1:100	_	D	N/A	dissem			J-38	3.05	2.96					
100.61 -	101.83		0.5	1:100		D	40	fracts.			J-37	1.22	0.94					
101.83 -	103.66		⊲0.1	1:100		D	N/A	dissem			J-38	1.83	2.16					
103.66 -	106.70		<0.1	1:100		D	N/A	dissem			J-39	3.04	2.76					

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	SAMPLE SHEET																		
																		1	
Property:		District:				Hole No	o.: J95-1											(	
Commenced: Location:							t				Hor. Comp.:								
Completed: Core Size:							ip:				Vert. Comp.:								
Co-ordinates:							g.:				Logged by:						! !		
Objective:							×.:				Date:								
Footage From a to	Description		% Sulph	Co/Pv	bn mo	mag	Core angle of MF	Sulph.	Post Min. All		Note	Sample No.	Length	Recov	T	Anat	yses Mo	T	Au
106.70 •	109.76		<0.1	1:100		D	N/A	dissem				J-40	3.06	2.80		<u> </u>			
109.76 -	112.80		⊲0.1	1:100		D	N/A	dissem				J-41	3.04	3.00					
112.80 -	115.85		<0.1	1:100		D	0, 70	fracts.				J-42	3.05	2.70					
115.85 -	118.90		⊲0.1	1:100		D	50	fracts.				J-43	3.05	2.49					
118.90 -	121.95		⊲0.1	1:100		D	0,20,60	fracts.				J-44	3.05	2.80				_	
121.95 -	125.00		≪0.1	1:100		D	10, 65	fracts.				J-45	3.05	3.00					
125.00 -	128.05		<b>⊲0</b> .1	1:100		D	30	fracts.				J-46	3.05	3.02	_				
128.05 -	131.10		≪0,1	1:100		c	50, 70	fracts.		L		_ <b>J_4</b> 7	3.05	2.88					
131.10 -	134.15		≪0.1	1:100		D	40, 50	fracts.				J-48	3.05	3.00				$\rightarrow$	
134.15 -	137.20		<<0.1	1:100		0	15, 65	fracts.				J-49	3.05	3.20					
137.20 -	140.24		<<0.1	1:100		D	0,10,60	fracts.				J-50	3.05	3.00					
140.24 -	143.29		<<0.1	1:100		D	N/A_	dissem				J-51	3.05	3.20					
143.29 -	146.34		<<0.1	1:100		D	N/A	dissem				J-52	3.05	2.89	·			$\perp$	
146.34 -	149.39		<<0.1	1:100		D	N/A	dissem				J-53	3.05	3.15					
149.39 -	152.44		<<0.1	1:100		D	N/A	dissem		L		J-54	3.05	3.00					
152.44 -	155.49		<<0.1	1:100		D	N/A	dissem				J-55	3.05	3.00					
155.49 -	158.54		<<0.1	1:100		D	N/A	dissem				J-56	3.05	2.96				1	
158.54 -	161.59		0.2	1:100		D	N/A	dissem				J-57	3.05	3.10				_	
161.59 -	164.63		0.2	1:100		c	N/A	dissem				J-58	3.04	2.92	_				
164.63 -	167.68		0.3	1:100		с	N/A	dissem				J-59	3.05	3.00					

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	SAMPLE SHEET																
Property:		District:				Hole No	D.: J95-1										
Commence	t:	Location:					t:			Hor. Comp.:	Hor. Comp.:						
Completed: Core Size:						Corr. D	ip:			Vert. Comp.:	Vert. Comp.:						
Co-ordinates:							g.:			Logged by:							
Objective: '						% Reco	<b>v</b> .:			Date:							
Footage Description %							Core angle	Sutph.	Post Min.	Note	Sample	Length			Analyse		
From - to			Sutph.	Ср/Ру	bn, mo	mag.	of MF.	control	AIL		No.		Recov	<u>c</u> i	<u> </u>	Mo	Au
167.68	170.73		0.3	1:100		c	N/A	dissem		···· ····	J-60	3.05	3.25				
170.73 -	173.78		0.1	1:100		c	40,45,60	fracts.			J-61	3.05	3.10				
173.78 -	176.83		0.1	1:100		с	N/A	dissem			J-62	3.05	3.00				
176.83 -	179.89		0.1	1:100		c	10	fracts.			J-63	3.06	2.94				
179.89 -	182.93		0.1	1:100		с	55	fracts.			J-64	3.04	2.86				
182.93 -	185.96		0.1	1:100		c	50	fracts.			J-65	3.05	3.02				
185.98 -	189.02		<<0.1	1:100		с	25, 50	fracts.			J-66	3.04	3.08				
189.02 -	192.07		<<0.1	1:100		с	10	fracts.			J-67	3.05	3.14				
192.07 -	195.12		<<0.1	1:100		D	N/A	dissem			J-68	3.05	3.10				
195.12 -	196.17		<<0.1	1:100		D	N/A	dissem			J-69	3.05	3.02				
198.17 -	201.22		<<0.1	1:100		D	N/A	dissem			J-70	3.05	3.04				
201.22 -	204.27		<<0.1	1:100		D	N/A	dissem			J-71	3.05	2.95				
204.27 -	207.32		<<0.1	1:100		D	N/A	dissem			J-72	3.05	3.02				
207.32 -	210.37		<<0.1	1:100		D	N/A	dissem			J-73	3.05	3.03				
210.37 -	213.41		<<0.1	1:100		D	N/A	dissem			J-74	3.04	3.04				
213.41 -	216.46		0.2	1:100		D	40,50,60	fracts.			J-75	3.05	3.09				
216.46 -	219.51		<<0.1	1:100		D	N/A	dissem			J-76	3.05	3.04				
219 51 -	222.58		<<0.1	1:100		D	N/A	dissem			J-77	3.05	3.08				
222.56 -	225.61		<<0.1	1:100		D	40, 50	fracts.		•	J-78	3.05	3.10				
225.61 -	228.66		<<0.1	1:100		D	45, 60	fracts			J-79	3.05	3.20				

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SAMPLE SHEET Hole No.: J95-1 District: Property: Tests at: Hor. Comp.: Location: Commenced: Corr. Dip: Core Size: Vert. Comp.: Completed: True Brg.: Logged by: Co-ordinates: Objective: % Recov.: Date: Post Min. Core angle of MF. Analyses Footage From - to Note \* Sutph. control Sample Length Description Recov Cu Мо Au Sulph. Cp/Py bn, mo mag. AL. No. <<0.1 100:1 D J-80 1.83 1.83 228.66 -230.49 N/A dissem D J-81 1.21 0.98 <<0.1 100:1 N/A 230.49 -231.70 dissem 231.70 m END OF HOLE .

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**DRILL LOG** Property: Jean District: Omineca, M.D. Hole No.: J95-2 Elevation: -Commenced: September 19/95 Location: Tests at: N/A Hor. Comp.: Zero Core Size: NQ Completed: September 22/95 Corr. Dip: -90° Vert. Comp.: 240.85 Co-ordinates: Approx. 10+60N L48W (Ref. Map JP75-4 1" = 400') True Brg.: -Logged by: R.U. Bruaset 4.7 m @ 353º from PH74-6 Objective: To test IP anomaly % Recov.: 93.35% Date: September 1995 Core Analyses Post Footage Description \* angle Sulph. Min. Note Sample Length Sulph. Cp/Py of MF. control AIL. From - to bn, mo Recov Cu Мо mag. No. Au 0 - 12.50 m Overburden 21.50 Chalcopyrite starts to appear as fracture fillings. These fractures frequently 12.50 -Fine grained augite andesite. Pyrite occurs as 26.69 disseminations and as hairline fracture fillings. contain quartz gangue. Sparse chalcopyrite. No oddation. 26.69 -27.44 Feldspar selvage of 2 mm Fine grained augite andesite hosting a copper 45.73 bearing zone. Chalcopyrite is suddenly >> pyrite. relative to quartz vein. Biotite has now been altered to chiorite. At the top of the mineralized zone, occurs a quartz vein 29,65 1 cm wide bleached zone. @ 85° to the core axis and this vein contains fairly 46.30 - 48.68 Pervasive heavy moly. Typical copper mineralized structures bleaching on section of are hairline fractures @ 60-70° to core. This pettern persists below this Cu mineralized zone but the moderately strong pyrite fractures are there typically filled with pyrite. Rare mineralization, feldspar selvages relative to mineralized fractures. 51.83 Moderately strong chalcopyrite in fracture in bleached section 4 cm thick.

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							D	RILL	_ LC	G									
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Property:		District:				Hole No	b.: J95-2												
Commence	d:	Location:				Tests a	t:			Hor. Comp	<b>p</b> .:								
Completed:	· · · · · · · · · · · · · · · · · · ·	Core Size:				Corr. D	ip:			Vert. Com	ip.:								
Co-ordinate	S:					True Br	g.:			Logged by	<i>r</i>								
Objective:						% Reco	v.:			Date:									
Footage	Description		% Sulah	Co/Pu	ba ma		Core angle	Sutph.	Post Min.	Note		Sample	Length	Bacon	.	Anat	yses		A.,
From - 10	Fire and date an all a second		Supri.	Сргу		mag.	UIMIC.	COLBO	<u></u>	50.05 . 50.05 Fault O				Nacos			MO	+	<u>^u</u>
45.73-	Fine grained dank greenish grey and							59.25 - 59.35 Fault (2)	407.										
189.07	augne. Monor pytroclassics. Fine gr						· · · · · · · · · · · · · · · · · · ·		Gouge.								+		
	Sometimes gives the rock a dark rec									65 00 2 mm thick color	an alat				_				
	The dominant macture orientation is	SU-70° to core								60.90 2 mm unck same	ion park								
	aus. This is semilar to the section a									redspar servage relative									
	predominance of large core angles	indicates the								pynie naciuse ty co.									
	atitude of the drill hole is fairly walk	wited for								67.00 Salmon nink felds	tenar in							<u> </u>	
	testing this mineralization. Through	out major parts								pyrite, chalcopyrite hear									
	of this section the core is extremely	broken.								fracture 2 mm thick @ (	60*								
																-			
		•								70.35 - 70.45 Fairly hea	avy pyrite								
										in bleached zone @ 50	P. Trace								
						•				chaicopyrite.									
										70.46 - 70.60 Distinct la	layering								
										in the volcanics 😭 30°.	. A total								
										of 8 fractures cut the lay	ayering &								
										all contain pyrite but no	visible								
							chaicopyrite.												

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							D	RILL	LC	G									
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Property:		District:				Hole No	o.: <b>J95-</b> 2	!											
Commence	d:	Location:				Tests a	t:				Hor. Comp.:								
Completed:		Core Size:				Corr. D	ip:				Vert. Comp.:								
Co-ordinate	s:					True Br	g.:				Logged by:								
Objective:						% Reco	<b>w</b> .:				Date:								
Footogo	Description		a				Core	Sumb	Post		Note	Samola	Length			Anal	yses		
From - to	Description		Sutph.	Ср/Ру	bn, mo	mag.	of MF.	control	At.			No.		Recov	,	Cu	Мо		Au
										75.70 Fa	ult @ 30°. Slickensides.								
										83.00 - 8	3.30 Fault. Slickensides								
	·····									0.60*8	shearing @ 50°.								
										Deformed	d quartz-calcite vein								
										contains l	heavy moly & pyrtte.								
					<u> </u>					83.68 - 8	3.75 Quartz vein							$\perp$	
					ļ	I				contains I	heavy cpy with lesser								
	· · · · · · · · · · · · ·									pyrite (5:1	I). Upper vein contact							$\perp$	
										@ 65°. L	ower contact is fault								
										<b>@</b> 60° (8	cm of gouge).								
			·										<b> </b>		<u> </u>				
				ļ	ļ				ļ	85.37 - 8	8.41 Above average								
										Cu minera	alization. Fractures								
										containing	cpy typically								
		)								about 2-3	mm wide as opposed								
		· · · · · · · · · · · · · · · · · · ·								the norma	al fracture about 1 mm								
										wide. Qu	artz is the common								
										gangue in	fractures.								

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DRILL LOG Property: District: Hole No.: J95-2 Commenced: Location: Tests at: Hor. Comp.: Core Size: Completed: Corr. Dip: Vert. Comp.: Co-ordinates: True Brg.: Logged by: Objective: % Recov.: Date: . Core Post Analyses Footage Description % angle of MF.: Sulph. control Min. Note Sample Length Sulph. AR. From - to Cp/Py | bn, mo mag. No. Recov Cu Мо Au 88.41 - 91.46 Crackle brecciated with calcite infills. 91.73 - 91.93 Two 5 cm long pieces of core with rounded core ends due to grinding. Heavy seam of chalcopyrite @ 75° & 90°. The chalcopyrite has associated pyrite occurring In quartz veins. Also associated feidspar. This quartz-feidspar association is similar to the Apple Cat showing. 92.12 - 92.50 Faulting @ 0\*, 10\*. Hematite locally occurs in shears. 93.83 Heavy feldspar setvage relative to fracture @ 60\* containing py-cp in ratio 4:1.

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							D	RILL	LC	)G							
Property:		District:				Hole No	o.: J95-2			·							
Commenced	l:	Location:				Tests a	t:			Hor. Comp.:							
Completed:		Core Size:				Corr. D	ip:			Vert. Comp.:							
Co-ordinates						True Br	g.:			Logged by:							
Objective:						% Reco	W.:			Date:							
Factors	Description		a				Core	Sulph	Post	Note	Sample	Length			Anal	yses	
From - to	Description		Sutph.	Ср/Ру	bn, mo	mag.	of MF.	control	Alt.	14040	No.	Lengur	Recov		Cu	Мо	Au
										98.83 - 100.40 Faults. Gouge							
										@ 45° and 35°.							
										104.07 - 104.14 Kspar-rich				_			
						<u> </u>				section @ 60° contains very							
	· · · · · · · · · · · · · · · · · · ·									heavy cp in seams. The main							
										seam is 3 cm thick and contains							
										approx. 40% chalcopyrite.	·						
														_			
	<u></u>									109.17 - 109.72 White & salmon							
										pink feldspar occur as dykelets.				_			
										Minor pyrite and traces of cp							
										present. Core angles average		l		_}	}		
										65*				_			
														_		<u></u>	
										111.50 - 112.81 Faulting @ 0*,							
										35°. Hematite in slickensided							
										fractures.							
														_			
														1			•

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							D	RILI	LC	)G						<u>-</u>			
			_																
Property:		District:				Hole No	o.: J95-2											1	
Commence	d: .	Location:				Tests a	t:				Hor. Comp .:								
Completed:		Core Size:				Corr. D	ip:				Vert. Comp.:	• •					1		
Co-ordinate	s:					True Br	g.:				Logged by:								
Objective:						% Reco	v.:				Date:								
Footane	Description						Core	Sudah	Post		Nata	Comolo				Anat	ses		
From - to	Description	•	Sutph.	Cp/Py	bn, mo	mag.	of MF.	control	Alt.		Note	No.	Lengin	Recov		Cu	Мо		Au
										113.40 F	ault @ 70°. Gouge.	-					_	1	
										2 cm veir	of cp within the								
										faulted se	ection has strong								
										feidspar s	setvage.								
										L									
										115.59 -	115.82 Faults @ 10*,								
										20°.									
										117.22 3	mm cp seam @ 70°.							1	
										ļ									
										118.24 2	om thick magnetite				1				
										seam with	n feldspar selvage.								
										ļ								<u> </u>	
	A		. <u>.</u>							119.00 - 1	19.50 Fault @ 10-15*.				1			<u> </u>	
		· .								Slickensk	tes				<u> </u>			· · ·	
										123.64 B	ebs of hematite. Cp in								
										2 cm wide	a calcite vein (2) 60°.								
										131.85 Fa	ult @ 30°. Slickensides								

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				****			D	RILL	LC	G								
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Property:		District:				Hole N	b.: J95-2	!									ľ	
Commence	1:	Location:				Tests a	t			Hor. Comp.:								
Completed:		Core Size:				Corr. D	ip:			Vert. Comp.:								
Co-ordinate	s:					True Br	g.:			Logged by:								
Objective:						% Reco	w.:			Date:								
Footage	Description		96				Core	Sutoh	Post Min	Note	Sample	Length		- <u></u>	Anah	yses		
From - to			Sutph.	Ср/Ру	bn, mo	mag.	of MF.	control	Ait.		No.		Recov		Cu	Mo		Au
										136.69 Magnetite vein 2 mm thick								
										2 80°. No pyrite or chalcopyrite								
										137.75 Pyrite fractures @ 75°,				_				
										85°. Contain epidote and have								
	·									feldspar selvages. Slickensided								
										pyrite @ 60°.								
	· · · · · · · · · · · · · · · · · · ·										L							
	·									142.70 Fault @ 60*. Gouge.								
				·						148.90 - 149.49 Bleaching.				_				
										151.80 - 153.14 Bleaching.	L	·					_	
										155.70 Fault @ 0*. Slickensides.				_				
	······································																	
										158.30 Fault @ 30*. Gouge.	ļ							
	· · · · · · · · · · · · · · · · · · ·																	
	· · · · · · · · · · · · · · · · · · ·									159.30 - 160.87 Fault is post							_	
										mineral. Gouge and Intense						·		
										shearing @ 55°, 60°. Cp								
·										incorporated in the fault.				_				
										Strong chlorite alteration.								

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. **DRILL LOG** Property: District: Hole No.: J95-2 Tests at: Commenced: Location: Hor. Comp.: Core Size: Corr. Dip: Vert. Comp.: Completed: True Brg.: Co-ordinates: Logged by: % Recov.: Date: Objective: Core Post Analyses Footage Description 96 angle Sulph. Min. Note Sample Length From - to Sulph, Cp/Py bn, mo mag. of MF. control Ait. No. Recov Cu Мо Au 178.92 - 179.48 Lapilli tuff with fragments to 1.5 cm. 161.75 - 163.38 Faulting @ 30°, 50°, 60°. Gouge and Upper contact @ 70°. Lower contact obscured by broken core. slickensides. 164.06 - 164.18 Strongly 189.07 - 190.55 Coarse grained granodiorite dyke hematized quartz vein @ 50\*. cut by dykelets of simple pegmatite. Upper and Minor chalcopyrite in fractures lower dyke contacts 60°. Both of rock types in the quartz and trace moly. contain minor chalcopyrite and pyrite in fractures. 164.33 - 164.45 Faults. Gouge @ 60°, 70° including heavy chalcopyrite in a quartz stringer @ 65\*. Relative age of faults and vein uncertain. 164.45 - 164.93 Heavy cp in quartz vein @ 70°. The contact is a fault. Minor moly in the fault contact. The lower contact of the vein is 70°.

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**DRILL LOG** Property: District: Hole No.: J95-2 Commenced: Location: Tests at: Hor. Comp.: Core Size: Corr. Dip: Vert. Comp.: Completed: Logged by: Co-ordinates: True Brg.: Objective: Date: % Recov.: Post Min. Analyses Core Note Sample Footage Description % angle Sulph. Length No. Sulph. Cp/Py of MF. control Alt, Recov Cu Мо Au From - to bn, mo mag. 164.93 - 165.35 Fault. Slickensides and gouge. 165.35 - 167.68 Well mineralized . section containing abundant hairline fractures with chalcopyrite. One 2 cm thick quartz vein @ 70° contains particularly heavy chalcopyrite. Disseminated chalcopyrite also in the wallrock. 167.68 - 170.73 Well mineralized with a 3.5 cm thick seam of heavy chalcopyrite. Core angles of mineralized structures 60°, 80°.

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Property:		District:				Hole No	o.: J95-2											
Commence	d:	Location:				Tests a	t				Hor. Comp.:					1		
Completed:		Core Size:				Corr. D	io:				Vert. Comp.:							
Co-ordinate	s:					True Br	a.:				Logged by:							
Objective:	•					% Reco	w.:	~			Date:							
																1		
Footage	Description		*				Core angle	Sulph.	Post Min.		Note	Sample	Length		An	alyses		
From - to			Sulph.	Ср/Ру	bn, mo	mag.	of MF.	control	Alt.	<u> </u>		No.		Recov	Cu	Mo	<u> </u>	Au
										171.00 -	171.29 3 quartz veins					<u> </u>	——	
										(2) 2 cm a	and 3 cm with					+	<u> </u>	
										chalcopyr	rite @ 70°, 85° to					+		
										core. Loc	cally heavy					+		
		· · · · · · · · · · · · · · · · · · ·								dissemina	ated moly in the quartz.			-				
										Ripaching	in margine of 2 of				· · ·	+		
										the veins							+	
		4. f. d.															+	
										172.57 1	cm thick quartz vein					1		
										contains	heavy chaicopyrite,							
										minor pyr	ite and moly fractures.							
												-						
										174.00 F	auit @ 50°.							
										Slickensk	tes, minor gouge.					ļ		
										<b></b>						<b>_</b>		
										175.50 - 1	76.33 Faults (2 10°,					ļ		
										40°. Gou	ge.					<b> </b>		
			-							<u> </u>								
					•					1	1						1	

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DRILL LOG Property: District: Hole No.: J95-2 Location: Tests at: Hor. Comp.: Commenced: Core Size: Completed: Corr. Dip: Vert. Comp.: . True Brg.: Co-ordinates: Logged by: Date: Objective: % Recov.: Post Min. Core Analyses angle of MF. Footage Description 96 Sulph. Note Sample Length Sulph. Cp/Py control Alt. Cu Мо From - to bn, mo mag. No. Recov Au 176.56 - 176.94 Intense bleaching @ 60°. Minor galena in 0.5 cm thick quartz vein @ 70°. Associated chalcopyrite and pyrite. 178.92 - 179.44 Bleached lapili tuff. Moderately heavy chaicopyrite and pyrite with minor galena in quartz vein 🙆 . 60°. . 182.93 - 183.40 Fault @ 10\*, 20°. Slickensides 184.90 Minor fault @ 80\*. Gouge 185.32 - 186.13 Well mineralized section including locally strong bleaching. Five veins ranging

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## DRILL LOG District: Hole No.: J95-2 Location: Tests at: Hor. Comp.:

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Commence	d:	Location:				Tests a	t				Hor. Comp.:								
Completed:		Core Size:				Corr. D	p:				Vert. Comp.:								
Co-ordinate	s:					True Br	g.:				Logged by:								
Objective:						% Reco	<b>v</b> .:				Date:						1		
						-													
Footage	Description						Core	Suth	Post Min		Note	Samola	Lanoth			Anal	yses		
From - to			Sulph.	Ср/Ру	bn, mo	mag.	of MF.	control	At.		1000	No.		Recov		Cu	Мо		Au
190.55 -	Generally lapilli tuff with minor ande	site. Typical								from 1 cm	to 5 cm thick contain								
208.50	fragments in the lapilli tuff to 3 cm.	Strong secondary								moderate	up to semi-massive				_				
	biotite development throughout. Loc	Ite development throughout. Locally fairly well erailized with chalcopyrite occurring in fractures								chalcopyri	ite. The best								
	mineralized with chalcopyrite occurr	te development throughout. Locally fairly well eralized with chalcopyrite occurring in fractures quartz veins typically about 60° to core.								mineraliza	tion is a 4 cm thick								
	and quartz veins typically about 60°	railzed with chalcopyrite occurring in fractures guartz veins typically about 60° to core.								vein 👧 80	r							_	
															_				
208.50 -	Augite andesite as 45.73 - 189.07.	Very few of				L				188.62 Fa	autt @ 10 <sup>e</sup> . Gouge.								
240.85	mineralized structures present in thi	s section with																	
	50° to 70° core angles. About 90%	of the copper								193.50 - 2	00.00 Well mineralized				_			_	
	mineralization of this section occur is	n 2 veins								section co	ntaining chalcopyrite				_				
	between 212.88 - 213.42 m.									in fracture	s and veins typically								
	<u> </u>									<b>€</b> 60°.									
															_				
										194.80 - 1	95.12 Seams and							_	
										blebs of ct	halcopyrite in quartz								
										veins 🙆 8	0°-90°.								
										195.64 - 1	96.93 At least 70								
		·								hairline fra	ctures containing cp								
										approx. co	nformable @ 60°.								

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Property:

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							D	RILI	LLC	G							
																Г	···
Property:		District:				Hole N	o.: J95-2	2									
Commence	d:	Location:				Tests a	ut;				Hor. Comp.:			1 1			
Completed:		Core Size:				Corr. D	)ip:				Vert. Comp.:						
Co-ordinate	s:					True B	rg.:				Logged by:						
Objective:						% Rec	ov.:				Date:						
					<b>*</b>												
				T	1		Core		Post						Ana	lyses	
Footage From - to	Description	а	Sulph.	Ср/Ру	bn, mo	mag.	of MF.	Sutph.	Min. Alt.		Note	Sample No.	Length	Recov	Cu	Mo	Au
										197.24 - 1	98.14 Faulting @ 50*.						
										65°. Chior	ritic gouge.						·
										Chalcopyri	ite occurring in a vein						
										has been f	faulted.						
										203.67 Fa	uit @ 55°. Heavy						
				L						chioritic go	ouge.						
				ļ	$\vdash$					211.24 0.5	5 cm thick dykelet					· ·	
			ļ	L	ļ					of simple p	pegmatite is barren.					L	
					<u> </u>				$\vdash$								
			ļ							212.88 - 21	13.42 Unusually heavy					L	
			<u> </u>		<b> </b>	$\square$			· .	chalcopyrit	te and pyrite in 2					L	L
			<b> </b> '						l	quartz veln	niets @ 5°. This is the						
			Į′			ļ			$\vdash$	first time in	this drilling program					L	
				<u> </u>						where we h	have seen a well					ļ'	
			ļ/	<b> </b>		<b></b>				mineralized	d fracture trending					'	
										semi-parali	let to the dritt core. A					L'	
			<b> </b> '							minor fract	ture 😥 80° in this					L	
			/					1		section cor	ntains chalcoovrite	1			1 1	1 '	

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**DRILL LOG** District: Hole No.: J95-2 Property: Tests at: Commenced: Location: Hor. Comp.: Core Size: Completed: Corr. Dip: Vert. Comp.: True Brg.: Co-ordinates: Logged by: Objective: % Recov.: Date: . . Core Post Analyses Footage From - to Sulph. Note Description % angle Min. Sample Length Cp/Py control Sulph. bn, mo of MF. At. No. Мо Recov Cu Au mag. and trace pyrite. One of the 5° fractures is offset by a series of barren quartz stringers @ 50°. 213.90 - 214.09 Simple pegmatite dyke @ 35° contains << .1% chalcopyrite and pyrite Including traces of moly as disseminated material. . 215.16 - 215.50 Pegmatite stringers 2 to 10 cm thick are barren. 215.67 - 215.76 217.77 - 219.00 Five Dioritic dykelet with chilled contacts @ 60°, 70°. pegmatite dykelets @ 30° to Biotite and feldspars are fresh. Barren. 80°. Barren.

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**DRILL LOG** District: Hole No.: J95-2 Property: Commenced: Location: Tests at: Hor. Comp.: Completed: Core Size: Corr. Dip: Vert. Comp.: Co-ordinates: True Brg.: Logged by: Objective: % Recov.: Date: Core Post Analyses Description angle of MF. Sulph. control Footage % Min. Note Sample Length From - to Sulph. Cp/Py AR. bn, mo mag. No. Recov Cu Мо Au END OF HOLE 240.85 m 220.20 - 222.67 Three barren pegmatite dykelets @ 3 to 8 cm 2 80° to core. 227.50 - 231.71 Hematitic fractures @ 40-50° common. 238.17 - 238.23 Felsic dyke contains 0.2% disseminated pyrite and minor fracture controlled. No chalcopyrite seen.

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							SAN	IPLE	: 51	EEI								
		· · · · · · · · · · · · · · · · · · ·																
Property: J	ean	District: Omineca	M.D.			Hole No	b.: J95-2	<u>.</u>			Elevation: -				·			
Commence	d: September 19/95	Location: B Zone				Tests a	t: N/A				Hor. Comp.: Zero							
Completed:	September 22/95	Core Size: NQ				Corr. D	ip: -90°				Vert. Comp.: 240.85	m						
Co-ordinate	s: Approx. 10+60N on L48W (R 4.7 m @ 353° from PH74-	Ref. Map JP75-4 1" -6	- 400')			True Br	g.: -				Logged by: R.U. Bru	aset						
Objective:				,		% Reco	ov.: 93.3	5%			Date: September 19	95						
Note: Sam	bling diamond sown core to 225	.61 m thereafter the	endtire	core take	n for sam	nple			Analyse	s by MIN	-EN Labs File No. 5	0149, 0153						
							Core		Post						Ana	lyses		
Footage From - to	Description	bn, mo	mag.	of MF.	Sutph. control	Min. Alt.		Note	No.	Length	Recov	Cu	Mo	A	u			
0-	12.5 OVERBURDEN																<u> </u>	
12.50 -	16.77		0.1	1:100		D	10, 20, 30,45					J-82	4.27	2.14				
16.77 -	18.29		0.2	1:100		D	10,20,80					J-83	1.52	0.94				
18.29 -	21.34		0.5	1:75		D	15, 45					J-84	3.05	2.33			ļ	
21.34 -	24.34		1	1:50		с	10, 20, 70, 65					J-85	3.00	2.89				
24.34 -	26.69		2	1:10	tr. mo	с	10, 30, 50, 90					J-86	2.35	2.21				
26.69 •	27.44		2	100:1		<b>B</b> · _	10, 30, 60, 70					J-87	0.75	0.82				
27.44 -	29.57		2.5	100:1		8	40, 55, 60, 70					J-68	2.13	2.35				
29.57 -	33.23		2.5	50:1		B	10,60,65					J-89	3.66	3.12				
33.23 -	35.06		2	20:1		B	10,45,50, 86, 80					J-90	1.83	1.64				
35.06 -	36.59		2.5	30:1		в	60,65,70					J-91	1.53	1.63				
36.59 -	39.63		2.5	5:1		8	50, 60, 65, 70					J-92	3.04	2.82				
39.63 -	42.08		2	5:1		с	40,50,70					J-93	2.45	3.00				
42.68 -	45.73		2	1:10		с	50,60,70					J-94	3.05	2.85				
45.73 -	48.76		2	1:100		с	20, 25, 50, 70					J-85	3.05	3.02				
48.78 -	51.83		2	1:100		c	45, 60, 65, 75					J-96	3.05	3.10				
51.83 -	54.88		с	10,60,70					J-97	3.05	2.86							
54.88 -	- 57.83 2 1:100						50, 55, 60, 70					J-98	3.05	3.10				
57.93 -	60.37		2	1:50		в	10,60,65					J-99	2.44	2.35				
60.37 -	61.20		1	1:100		c	60, 65					J-100	0.83	1.90				

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mag = magnetism with pencil magnet: A = strong; B = moderate; C = weak, D = non-magnetic
 MF = mineralized fracture = vein, fracture, fault containing ore minerals

SAMPLE SHEET District: Hole No.: J95-2 Property: Location: Tests at: Commenced: Hor. Comp.: Core Size: Completed: Corr. Dip: Vert. Comp.: True Brg.: Co-ordinates: Logged by: . Objective: % Recov.: Date: Core Post Analyses Min. Footage Description 96 angle Sutph. Note Length Sample Sulph. Cp/Py bn, mo of MF. control AR. From - to mag. No. Recov Cu Мо Au 55,60,75 64.03 • 1:20 в 2.83 61.20 -1 J-101 2.83 67.08 10,60,75 J-102 3.05 64.03 -1.5 1:20 A 3.05 55,60,70 67.08 -70.12 1.5 1:100 B J-103 3.12 3.10 73.12 2 с 40,60,65 70.12 -1:100 tr. mo J-104 3.00 2.61 73.12 -76.22 1 1:50 С 50,70,80 J-105 3.10 2.46 79.27 1:100 ¢ 10,60,70 76.22 -J-106 1 3.05 2.48 20, 55, 60, 70 2 с 79.27 -82.32 1:100 J-107 3.05 2.63 85.37 с 35,45,80 82.32 -5:1 J-108 3.05 2.66 40, 50, 65, 70 85.37 -88.41 с 3 3:1 J-109 3.04 3.00 88.41 -91.46 1:1 C 30,40,60 J-110 1 3.05 2.66 2.5 с 91.46 -94.51 3:1 60, 70 J-111 3.05 1.90 97.56 1:5 с 40,50,80 94.51 -1 J-112 3.05 1.47 40,50,60 D 97.56 -100.61 1:1 J-113 3.05 1.66 50, 60, 65, 70 100.61 -103.68 0.4 1:1 в J-114 1.86 3.05 103.66 -106.31 4 100:1 D 60, 80 J-115 3.05 2.87 106.31 -109.76 .4 1:3 D 70, 80 J-116 2.65 · 2.80 109.76 -112.81 .2 1:10 D 80 J-117 3.05 3.27 10,70,75 112.81 -115.85 1.0 10:1 D J-118 3.04 2.83

J-119

J-120

2.69

3.41

2.95

2.92

10,80,70

50,60,70

с

B

.

0.4

0.4

2:1

1:1

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118.54

121.95

115.85 -

118.54 -

							SAN	IPLE	E SH	IEET								
Property:		District:				Hole No	o.: J95-2										1	
Commence	d:	Location:				Tests a	t:			Hor. Comp.:								
Completed:		Core Size:				Corr. D	ip:			Vert. Comp.:								
Co-ordinate	S:				· ·	True Br	g.:			Logged by:								
Objective:	•					% Reco	w.:			Date:								
Footage	Description		4				Core	Sutah	Post Min	Note	Sample	Length		-	Anal	yses	<u> </u>	
From - to	Description		Sulph.	Cp/Py	bn, mo	mag.	of MF.	control	Alt.		No.		Recov		Cu	Мо		Au
121.95 -	125.00		1	2:1		c	50,60,75				J-121	3.05	3.10					
125.00 -	128.05		1.5	1:1		B	20,60,75				J-122	3.05	3.05					
128.05 -	130.49		1	1:10		B	50, 60				J-123	2.44	2.59					
130.49 -	133.59		1.5	1:10		в	60				J-124	3.10	3.00					
133.59 -	136.59		0.5	1:10		c	20, 50, 60, 70				J-125	3.00	2.77					
136.59 -	137.20		0.5	1:10			80				J-126	0.61	0.62					
137.20 -	140.25		0.2	1:10		, no dada	70,80,90				J-127	3.05	3.00	_				
140.25 -	143.29		0.2	1:50			50, 70, 75, 80				J-128	3.04	3.02					
143.29 -	146.34		0.5	1:50			10, 80				J-129	3.05	3.15					
146.34 -	149.39		0.5	1:50			10, 80				J-130	3.05	2.86					
149.39 -	152.44		1	1:50			80				J-131	3.05	3.00					-
152.44 -	155.18		0.5	1:50			30,40				J-132	2.74	2.23					
155.18 -	157.62		0.5	1:20			0,20,80				J-133	2.44	3.01					
157.62 -	160.67		0.3	1:2			40,60			``	J-134	3.05	3.12				_	
160.67 -	164.33		0.5	3:1		δ	30,40,60				J-135	3.66	3.10					
164.33 -	164.45		8	10:1		D	50				J-136	0.12	0.13					
164.45 -	164.93		30	50:1		D	65, 70				J-137	0.48	0.39					
164.93 -	165.35		1.5	50:1		D	70				J-138	0.42	0.38					
165.35 -	167.68		1.5	10:1		с	30,65,70			-	J-139	2.33	2.38					
167.68 -	170.73		1.5	10:1		8	60,65,60				J-140	3.05	3.00					

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							SAN	IPLE	E SH	IEET	•								
																<u> </u>	ľ		T
Property:		District:				Hote N	o.: J95-2	!											
Commence	d:	Location:				Tests a	t:				Hor. Comp.:								
Completed:		Core Size:				Corr. D	ip:				Vert. Comp.:								
Co-ordinate	s:					True Br	g.:				Logged by:							ľ	
Objective:	•					% Reco	w.:				Date:								
Footage	Description		e.				Core	Sutat	Post		Note	Samola	Length			Anal	yses		
From - to	73 - 173.78 78 - 176.83			Ср/Ру	bn, mo	mag.	of MF.	control	At.		INAU	No.	Cengai	Recov		Cu	Mo		Au
170.73 -	173.78		1.5	10:1		D	60,60,90					J-141	3.05	2.98					
173.78 -	176.83		<.1	2:1	tr.mo	D	60, 80					J-142	3.05	3.25					
176.83 -	179.88		0.3	1:1		D	50, 70					J-143	3.05	3.03					
179.88 -	182.93		<0.1	21		D	30, 55					J-144	3.05	2.92					
182.93 -	185.32		<0.1	2:1		D	80				•	J-145	2.39	2.34					
185.32 -	186.13		4	5:1		D	65,70,80			186.13 -	207.32 Suiphide control	J-146	0.81	0.78	_				
186.13 -	189.02		0.2	10;1		D	30,50,80			Quartz ve	ins & hairline	J-147	2.89	1.38					
189.02 -	182.07		0.2	5:1		D	70,80			fractures		J-148	3.05	3.10					
192.07 -	193.58		<.1	50:1		D	80					J-149	1.51	1.49					
193.58 -	195.12		1.5	50:1		D	50, 80					J-150	1.54	1.54					
195.12 -	196.17		. 1.0	50:1		В	56,66,70					J-151	3.05	3.08					
198.17 -	200.00		0.4	50:1		D	50,55,60					J-152	1.83	1.90				$\rightarrow$	
200.00 -	201.23		<<.1	50:1		D	45					J-153	1.23	1.25					
201.23 -	204.27		<<.t.	21		D	65, 80					J-154	3.04	3.06					
204.27 -	207.32		<<.1	10:1		D	80					J-155	3.05	3.04	_				
207.32 -	210.37		<<.1	10:1		D	N/A					J-156	3.05	3.03	_				
210.37 -	213.42	···· ·	2	10:1		D	5,45,80					J-157	3.05	3.12				<u> </u>	
213.42 -	216.46		<<.1	1:1		D	80			-		J-158	3.04	3.04	_				
216.46 -	219.51		trace	1:10		D	N/A					J-159	3.05	3.15				+	
219.51 -	222.56		trace	1:5		D	45					J-160	3.05	3.04					

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							SAN	IPLE	E SH	IEET								
						·												
Property:		District:				Hole No	o.: <b>J95-2</b>											
Соттепсе	d:	Location:				Tests a	t			Hor, Comp.:								
Completed:		Core Size:				Corr. D	ip:			Vert. Comp.:								
Co-ordinate	5:					True Br	g.:	-		Logged by:								
Objective:						% Reco	w.:			Date:								
_	·····						Core		Post				· · ·		Anal	yses		
Footage From - to	Description		Sulph.	Ср/Ру	bn, mo	mag.	angle of MF.	Sulph. control	Man. Ait.	Note	Sample No.	Length	Recov		Cu	Mo		Au
222.56 -	225.61		trace	1:1		D	N/A				J-161	3.05	3.08					
225.61 -	228.66		trace	1:5		c	25				J-162	3.05	3.05					
228.66 -	231.71		trace	3:1		D	25,45,80				J-163	3.05	3.10					
231.71 -	234.76		trace	3:1		D	25,50,90				J-164	3.05	3.10					
234.76 -	237.81		trace	1:2		D	50, 80				J-165	3.05	2.95					
237.81 -	240.85		trace	1:100		D	50				J-166	3.04	2.96					
240.85 m	END OF HOLE																	
														_				
																	$\perp$	
																	$\rightarrow$	
			L															
																	_ <u> </u>	
																	$\perp$	
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							D	RILL	LC	)G							
Property: J	ean	District: Omineca				Hole No	o.: J95-3	3		Elevation: -							
Commence	d: September 23/95	Location:				Tests a	t: N/A			Hor. Comp.: Zer	)						
Completed:	September 24/95	Core Size: NQ				Corr. D	ip: -90°			Vert. Comp.: 141	.77				1		
Co-ordinate	s: 58 m @85° from 14N L88W	/				True Br	g.: -			Logged by: R.U.	Bruaset						
Objective:	To test IP anomaly in south exte	ension of Apple Cot	showing			% Reco	v.: 98.3	4%		Date: September	1995						•
	•																
Footage	Description		*				Core	Sutah	Post Min	Note	Sample	Length		1	Analyses		
From - to	Description		Sulph.	Cp/Py	bn, mo	mag.	of MF.	control	Alt.		No.		Recov	Cu	Мо		Au
0 - 6.1 m	Overburden.	5								6.56 Heavy malachite in fractur	,						
							along with chalcopyrite.				_						
6.1 - 50.07	Augite andesite including short sec									i		_					
	tuff. The andesite is massive, gree					L		7.15 Traces of malachite;				_		· .			
	dark grey. The volcanics contain at						otherwise iron codde to 8.25 m.										
	- 50.07 Augite andesite including short sections of lapilit     tuff. The andesite is massive, greenish grey to     dark grey. The volcanics contain abundant fine     grained biotile throughout.														_	_	
										22.64 Moderately heavy							
	11.44 - 14.70 Lapilii tuff. Fragmen	ts are typically		L						chalcopyrite in fracture @ 70°.				_	_	_	
	in the 2 mm - 10 mm size range.							•									
										38.47 Fault @ 0*. Gouge and				_			
	14.70 - 15.87 Volcanic breccia. Fr	agments to 8 cm.								säckensides.		·					
L													-		_		
	15.87 - 21.75 Lapilli tuff with fragm	ents generally								49.59 5 cm thick granodiorite	· ·				_		
	5 - 10 mm.			<u> </u>						dyke @ 50°. Traces of					_		
				-						disseminated chalcopyrite.				<u> </u>			
50.07 -	0.07 - Granite, Medium grained porphyritic with pinkish																
54.11	54.11 cast. Traces of disseminated pyrite. Bottom contact									49.86 Heavy chalcopyrite in							
	(2) 55°. Rare chloritic fractures 1 to 2 mm thick.									8 mm seam @ 75*. Cp:py = 7:							
	Upper contact sharp at 60°.															_	
										56.57 Fault @ 20*. Slickensid	8					_	
										well developed but no gouge.							

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**DRILL LOG** District: Property: Hole No.: J95-3 Location: Tests at: Commenced: Hor. Comp.: Core Size: Completed: Corr. Dip: Vert. Comp.: Co-ordinates: True Brg.: Logged by: Objective: % Recov.: Date: Core Post Analyses Footage Description 96 angle Sulph. Min. Note Sample Length of MF. Sulph. Cp/Py control From - to bn, mo mag. Alt. No. Recov Cu Мо Au 54.11 -Dark grey augite andesite including short sections of 65.54 - 65.68 Fault @ 60\*. 112.71 lapili tuff. Weak chioritization of biotite. Minor Gouge. pegmatite dykelets. 68.19 Heavy chalcopyrite 64.12 - 66.47 The strongest copper mineralization with associated feldspar in in this hole. Six mineralized fractures typically @ 70\* 2.5 cm wide fracture @ 75°. to 80° to core contain cp>>pyrite. These mineralized structures range from 2 mm to 2 cm thick. The 81.00 Fault @ 70\*, 10 cm of gangue is variously feldspar and quartz. This gouge. mineralization and alteration is similar to that occurring at the base of the cliff about 40 m to the 84.788 Heavy pyrite in fracture north (Apple Cot showing). @ 80° 4 cm thick. Calcite gangue. No chalcopyrite seen. 66.47 - 91.47 The andesite is strongly bleached but no mineralization is associated with this alteration. 84.91 Fault @ 40º. 3 cm of Abundant calcite veining @ 0°, 20° to core. gouge. 86.19 Fault @ 0\*. Gouge.

PAGE 2 OF 4

		·····					D	RILI		)G						
Property:		District:				Hole Nr	<u>).: J95-3</u>	<u></u>					1		1	
Commenced	d:	Location:			<sup>·</sup>	Tests a	t:			Hor. Comp.:						
Completed:		Core Size:			+	Corr. D	ip:			Vert. Comp.:						
Co-ordinate	is:					True Br	/g.:			Logged by:						
Objective:						% Recr	ov.:			Date:				'		
		A											i l			
			T	<b></b>		$\square$	Core	· · · · ·	Post	T	T.	T.		Anal	lyses	
Footage From - to	Description	•	% Sulph.	Ср/Ру	bn, mo	mag.	angle of MF.	Sutph. control	Min. Alt.	Note	Sample No.	Length	Recov	Cu	Мо	Au
	88.16 - 7, 91.96 - 93.35 Porphyritik	c granite,	<u> </u>							95.55 - 96.00 Heavy pyrite in						
	medium grained, massive. Mafics /	are altered to			<u> </u>		$\Box'$	$\Box$		quartz-calcite vein including						
	chlorite. Traces of disseminated py	vrite. Moderately	Γ'			·	$\Box$	$\Box$		traces of chalcopyrite.						
	magnetic. The pink cast of the gran	ninated pyrite. Moderately traces of chalcopyrite.  of the granite is probably upper contact of the 136.25 2 specs of moly in														
	magnetic. The pink cast of the granite is probably caused by hematite. The upper contact of the			<u> </u>	<u> </u>	$\Box$	<u> </u>	$\Box$	<u> </u>	136.25 2 specs of moly in						
	lower granite is 80°. Core angle wit	the lower	<u> </u>	<u> </u>	<u> </u>	<u> </u> '	L'	<u> </u>	<u> </u>	3 mm thick pegmatite dykelet						
	contact obscured by broken core. 7	fraces of	<u> </u>	<b></b> ′	<b></b> '	$\square'$		$\square$	<b></b> '	<b>Q</b> 45°.					L	
	epidote in the granite.		<u> </u> '	<b>└──</b> ′	· '	$\square$			<b> </b> '					L]	L	
	l		<u>'</u> ــــــــــــــــــــــــــــــــــــ	<b>└──</b> ′	<b> </b> '	<b>└──</b> ′	$\square$		└──'	137.37 Pyrite in fracture @	L				L	
	96.30 - 96.72 Lapitli tuff.		<u>                                     </u>	<b>↓</b> '	<b>↓</b> ′	$\square$	L'	L!	<b> </b> '	15°. This is the greatest					L	
	L		<u> '</u>	<u>                                     </u>	<b>↓</b> '	$\square$	<u>ا</u>	$\square$	<b>└──</b> '	amount of sulphide seen in					L	
112.71 -	Augite andesite is occasionally cut t	by pegmatite	<b>↓</b> ′	<b>↓</b> '	└──′	$\square$	L!	L]	<b> </b> '	this hole for some distance.	· ·	·			I	
141.77	dykelets. Pervasive chloritization of	I the andesite.	<u> </u>	<b>↓</b> '	└───′	$\square$	$\square$	L]	<b>└</b> ──'	No associated chaicopyrite.	ļ	$\square$			<b> </b>	
	The pegmatite forms dykelets 1-2 cr	m thick,	<u> </u> '	ļ	<b> </b> '	$\square$	$\square$		<b>└──</b> ′						L	
	occasionally 10 cm. This is a simpl	ie pegmatite	<u>                                     </u>	<b>└───</b> ′	<b> </b> '	L	$\square$	$\square$	<b>└──</b> ′	140.00 - 141.72 Fault @ 0*.					·	
	consisting of feldspar, quartz and biotite. Traces			<u> '</u>	L	L/	$\square$	∟′	Slickensides and chloritic		L			L		
	of chalcopyrite, mo and magnetite in the pegmatite.			<b>↓</b> ′	$\vdash$	$\vdash$		└──′	gouge.		LI					
	l		<b>↓</b> '	<b>└──</b> ′	<b>↓</b> ′	$\square$	L]	<u> </u>	<b> </b> '					I	ļ	
	L		<u> </u>	<b>↓</b> ′	L'	<u> </u>	$\square$	<u> </u>	L'		L				<b></b>	
	1	) cm. This is a simple pegmatile idspar, quartz and biotite. Traces mo and magnetite in the pegmatite.				1 1	1 1	1	1 '	· ·					I.	

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**DRILL LOG** Property: District: Hole No.: J95-3 Location: Tests at: Commenced: Hor. Comp.: Core Size: Corr. Dip: Completed: Vert. Comp.: Co-ordinates: True Brg.: Logged by: Date: Objective: % Recov.: Core Post Analyses Footage From - to angle of MF. Sulph. control Description Note % Min. Sample Length Sulph. AR. Cp/Py bn, mo mag. No. Recov Cu Мо Au 99.68 2.5 cm thick pegmatite dykelet @ 30°. 112.71 - 112.81 Pegmatite 131.79 Pegmatite dykelet @ 40°. Traces of chaicopyrite. END OF HOLE 141.77 m .

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	<u></u>	r ·					57AI		. 01					<del>  </del>	<u> </u>	<u>i –                                    </u>	
Property: J	ean	District: Omineca	M.D.			Hole N	o.: J95-3	,,		Elevation	n: -			1			
Commence	d: September 23/95	Location:				Tests a	t N/A			Hor. Cor	mp.: Zero						
Completed:	September 24/95	Core Size: NQ				Corr. D	ip: -90°			Vert. Co	mp.: 141.77	'm		1			
Co-ordinate	es: 58 m @ 085° from 14N L88	w				True B	a.: N/A			Logged	by: R.U. Bra	uset	<u> </u>				
Objective:	To test IP anomaly					% Rec	.: 98.3	34%		Date: Se	eptember 19	95					
Note: Exce	pt for the skeletal core, all core	consumed for same	oles		t				Analys	s by MIN-EN Labs	File No. 5S	-0153					
							Core		Post						Ала	узез	
Footage From - to	Description		Sutph.	Ср/Ру	·bn, mo	mag.	of MF.	Sutph. control	Min. Alt	Note		Sample No,	Length	Recov	Cu	Mo	Au
0-	6.1 m OVERBURDEN						1								1		
6.1 -	9.15		0.3	20:1		D	25,75,80	fracts.	•			j-168	3.05	2.95			
9.15 -	12.20		trace	1:1		D '						J-169	3.05	3.02			
12.20 -	15.24		<<0.1	1:10		D	35, 40	fracts./	dissem			J-170	3.04	2.96			
15.24 -	18.29 1		trace	1:1		D	nil	dissem				J-171	3.05	2.97	<u> </u>		
18.29 -	21.34		trace	1:100		D	75, 80	fracts.				J-172	3.05	3.05	<u> </u>		
21.34 -	24.39	;	0.1	21		c	20,60,65	fracta,				J-173	3.05	2.46		·	
24.39	27.44		trace	21		с	75	fracta.				J-174	3.05	3.04	<u> </u>		
27.44 -	30.49	· · · · · · · · · · · · · · · · · · ·	trace	1:100		D	40	fracts.				J-175	3.05	2.92	ļ		<u>`</u>
30.49 -	33.54		trace	1:3		0	20, 40	fracts.				J-178	3.05	3.02	ļ	·	
33.54 -	36.59		trace -	1:100		D	nii	dissem				J-177	3.05	2.92	<u> </u>		·
36.59 -	39.64		trace	1:50		D	50, 80	fracts.	,	1		J-178	3.05	3.12			
39.64 •	42.68	·	⊲0.1	4:1	<u> </u>	D	60,65	fracts.		······		J-179 .	3.05	3.04			
42.68 •	45.73		trace	1:5		D		dissem				J-180	3.05	2.93			
45.73 -	48.78		trace	1:100		D	80					J-181	3.05	2.93	ł		
48.78 -	51.83		trace	1:20		0 for	volcanics			- <u></u>		J-182	3.05	3.03	· · ·		
51,83 -	54.68		trace	seen		8						J-183	3.05	3.08			
54,88 -	57.93		nli	-		D	•					J-184	3.05	3.00	ļ		
57.93 -	60.98		<<0.1	1:100		<u> </u>	25, 30				·	J-185	3.05	3.05	ļ		·
60.98 -	64.02		trace	1:100		C	10, 40					J-188	3.05	2.98	· ·		

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mag = magnetism with pencil magnet: A = strong; B = moderate; C = weak; D = non-magnetic
 MF = mineralized fracture = vein, fracture, fault containing ore minerals

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							SAN	IPLE	E SH	IEET								
																		[
Property:		District:				Hole No	o.: J95-3						i i				1	1
Commence	d:	Location:				Tests a	t:			Hor. Comp.:								
Completed:		Core Size:				Corr. D	ip:			· Vert. Comp.:						İ		
Co-ordinate	S:				·	True Br	g.:			Logged by:							I	
Objective:						% Reco	w.:			Date:							I	
<b>C</b>	Description		~				Core	0.44	Post	ht-4-	0	1			Anat	yses		
From - to	Description		70 Sulph,	Cp/Py	bn, mo	mag.	of MF.	control	Alt.	NOLE	No.	Lengu	Recov	,	Cu	Mo		Au
64.02 -	67.07 70.17 73.17		0.7	20:1		с	70, 80				J-187	3.05	3.00					
67.07 -	67.07 70.17 73.17 76.22		0.2	100:1		в	80				J-188	3.10	2.87					
70.17 -	67.07 70.17 73.17 76.22 79.27		trace	1:1		с	50, 80	fracts.			J-189	3.00	2.92					
73.17 -	67.07           70.17           73.17           76.22           79.27           82.32		<<0.1	1:100		с	30, 70	fracts.			J-190	3.05	3.10					
76.22 •	67.07 70.17 73.17 76.22 79.27 82.32 85.37		trace	1:100		с	70	fracts.			J-191	3.05	2.92				·	
79.27 -	67.07 70.17 73.17 76.22 79.27 82.32 85.37 86.42		nä	-		с	-				J-192	3.05	2.97			_		
82.32 -	73.17 76.22 79.27 82.32 85.37		0.1	1:100		с	80				J-193	3.05	3.01					
85.37 -	88.42		trace	1:100		с	nil	dissem		·	J-194	3.05	2.92					
88.42 -	91.46		trace	1:100		c	nil	dissem			J-195	3.04	3.04					
91.46 -	94.51		trace	1:100		в	80, 90	fracts.			J-196	3.05	3.07					
94.51 -	97.56		0.2	1:10		c	70, 80	fracts.	_		J-197	3.05	3.20					
97.56 -	100.61		nil	-		٥	-				J-198	3.05	3.02					
100.61 -	103.66		trace	1:1		D		dissem			J-199	3.05	2.93					
103.66 -	106.71		nil	-		D	-				J-200	3.05	3.00					
106.71 -	109.76		trace	1:1		D	20	fracts.			J-201	3.05	3.08					
109.76 -	112.81		กลั	·		D	•				J-202	3.05	3.10					
112.81 -	115.85		nii	•		D	•				J-203	3.04	3.10					
115.85 -	118.90		nii			D					J-204	3.05	3.00					
118.90 •	121.95	· · ·	trace	1:100		0		dissem			J-205	3.05	3.10					
121.95 -	125.00		nii			D	-				J-206	3.05	2.99					

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							SAN	IPLE	E SH	IEET							
Property:		District:				Hole No	o.: J95-3	3									
Commence	d:	Location:				Tests a	t:			Hor. Comp.:							
Completed:		Core Size:	-,			Corr. D	ip:			Vert. Comp.:							
Co-ordinate	s:					True Br	<b>'g</b> .:			Logged by:							
Objective:						% Reco	<u></u>			Date:							
Footage	Description		96				Core angle	Sulph,	Post Min.	Note	Sample	Length			Anat	rses	1
From - to		bn, mo	mag.	of MF.	control	Alt	·	No.	<u> </u>	Recov	c	<u> </u>	Mo	Au			
125.00 -	128.00 nil - 131.09 nil - 134.56 trace 1:50					D	•				J-207	3.00	2.82				
128.00 -	128.00         ni         -           131.09         nii         -           134.56         trace         1:50					D	· ·				J-208	3.09	3.10				
131.09 -	131.09         nil         -           134.56         trace         1:50           137.20         trace         -         t						30, 40				J-209	3.47	3.00				
134.56 -	131.09         ndi           134.56         tra           137.20         tra           140.24         <<			-	tr.mo in peg.	D	55				J-210	2.64	3.10				
137.20 -	134.56     trace     1:50       137.20     trace     -       140.24     <<0.1						15	fracts.			J-211	3.04	3.00				
140.24 -	137.20         trace         -         tr in           140.24         <<0.1						20, 45	fracts.			J-212	1.53	1.61				
																	1
141.77 m	END OF HOLE																
									•								
	· · · · · · · · · · · · · · · · · · ·																
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<u> ن</u> يب						_							·	Т			<u> </u>		
Property: J	ean	District: Omineca	M.D.			Hole N	o.: J95-5	5		El	levation: -			1					
Commence	d: September 26/95	Location: B Zone				Tests a	it: 190 m	(acid)		Ho	or. Comp.: Zero			]					
Completed:	September 27/95	Core Size: NQ				Corr. D	ip: <b>-90°</b>			Ve	ert. Comp.: 195.12			]					
Co-ordinate	s: Approx. 118 m @ 129º from	DDH J95-2 (Map re	ef. JP974	I-4 1"=4(	)0')	True Br	rg.: -			Lo	ogged by: R.U. Bra	uset		.					
Objective: hole drilled 28.96 m. C the J95-4 ho in overburde	Fo drill a vertical hole on the sar at -55° on azimuth 032°. It enco ore recovery was 6.81%. No sa ole related to insufficient casing an falling into hole.	me site as J95-4. J buntered bedrock at imple taken in J95- being available to r	95-4 was 12.80 m 4. The p reach bec	s an inclin n and end problem w drock res	ne led at rith ulting	% Reco	ov.: 77.6	2		Da	ate: October 1995								
				T	r	<b></b>	Core		Post				r			Anal	vses		
Footage From - to	Description	bn, moʻ	mag.	angle of MF.	Sulph. control	Mîn. Alt.		Note	Sample No.	Length	Recov		Cu	Mo	Τ	Au			
0 - 12.50 m	Casing (assumed overburden)																	+	
	n Casing (assumed overburden) Felsite. Strongly sheared; somewhat breoclated.																		
12.50 -	Casing (assumed overburden)     Fetsite. Strongly sheared; somewhat brecciated.     Intense clay afteration. Core very soft to inife.									13.22 Fautt (	20 <sup>e</sup> . 1 cm of								
13,50	Feisite, Strongly sheared; somewhat brecciated, Intense clay atteration. Core very soft to knife.									gouge.									~
	Fetsite, Strongly sheared; somewhat brecciated, Intense clay afteration. Core very soft to knife.			L				L											
13.50 -	Augite andesite. Intensely chloritize	d; apparently	ļ	ļ						24.69 Fault (	2 30°. Gouge.							_	
39.75	after biotite. Locally the andesite is i	fresh and		<b> </b>								·							
	fine grained and biotite is present. C	Core recovery								40.07 - 42.46	i Strong shearing,								
	is extremely poor. Much of the core	is 2-4 cm pieces		┠────						gouge develop	pment and								
	and much of it is rounded suggestin	g core has								slickensides (	@ 15*, 55*.		ļ		_				
	been ground up. They keep getting	ten reet runs -																	
	possibly they are dritting through blo	cits. Generally								42.68 - 48.78	Gouge								
	faulting as indicated by gourse glicky	www.sign.or								development,	snearing,								
	shearing as included by gouge, sicks	CTIONUCO GINI								including local	anoughout,								
	shearing.									brecciation	n sectors of raut								
										structures A	10° to 30° No							+	
										apparent chair	copyrite in the							+	
										gouge. Core a	angles in this								
										major fault zor	ne are:								

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Property:		District:				Hole N	0.195-5										
Commence	d:	Location:	••			Toete a	4-	,			Her Comp :	-					
Completed	u.	Core Size:				10515 8					Hor. Comp.:		_				
Completed.		Cole Size.				Con. D	ip:				Vert. Comp.:			-			
Co-ordinate	5				-		<b>.</b> :				Logged by:			{			
Objective:	·				l	% Reco	ov.:		-		Date:			4			
							Core		Post	1			r	┟────┸┈	Ana	lyses	
Footage From - to	Description		Sulph.	Ср/Ру	bn, mo	mag.	of MF.	Sulph. control	Min. At.		Note	Sample No.	Length	Recov	Cu	Mo	Au
39.75 -	Fetsite. Intensely clay altered (very	soft to knife).								At 42.70	m @ 20°, 42,96 @ 15°,						
54.86	Disseminated pyrite present and oc	casional pyrite								43.15 @	10", 43.43 @ 10",		1				
	in fractures. No chalcopyrite or Mo	eeen. Intense								43.55 @	10°, 43.91 @ 10°,						
	faulting evident by gouge, intense si	hearing and								46.00 @	10°, 47.20 @ 10°,						
	fault brecciation.					•			47.45 @	30°.							
																	-
54.86 -	Augite andealte. Dark greenish gre	y. Upper contact								57.70 - 5	7.93 Fautt. Gouge 🙋						
195.1	@ 65*. Chiorite is the dominant alle	eration. The drill								20*.							
	core is generally highly broken. Abu	undant															
	faulting.									57.93 - 59	9.00 Many rounded		I				
	<u> </u>									core ends	. These "buttons"						
	76.22 - 79.48 Relatively well minera	sized with								Indicate c	ore is being ground.						<u> </u>
	chalcopyrite in hairline fractures with	h high cp:py															L
	ratios as typical of B zone. Chaicop	write bearing								61.83 - 62	2.10 Fautt. Gouge 💋						
	structures are typically quartz string	ers @ 1-2 mm				-				0°. Sticke	ensides @ 10°.	<u>.</u>					
	thick. Abundant rounded pebble siz	te core suggesting									· .						ļ
	core is being ground.									67.07 Fa	utt @ 10°. Gouge.						
																	L
																	<u> </u>

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Burneta		Districts						<u></u> .								
Property.						Tut	0 080-0									
Commence	d:	Location:				ests a	<u>.</u>			Hor, Comp.:					1	
Completed:		Core Size:				Corr. D	ip:			Vert. Comp.:						
Co-ordinate	s:					True Br	g.:			Logged by:						
Objective:						% Recc	».:			Date:	,				1	
Eastana	Description		· ·				Core	Sumb	Post	Alete	0			Ana	lyses	
From - to			Sutph.	Ср/Ру	bn, mo	mag.	of MF.	control	At.	(VOID	No.	Lengu	Recov	Cu	Mo	Au
	76.22 - 109.76 This section most o	losely resembling	•							68.36 - 68.86 Fault @ 50°.						
	the "B" zone based on the characte	ristic high								Mostly gouge. Some						
	the "B" zone based on the characteristic high chalcopyrite to pyrite ratio and the fracture controlled style of mineralization. However, as the core									slickensided surfaces.						
	chaloopyrite to pyrite ratio and the fracture controlled style of mineralization. However, as the core recovery is only about 73.8% in this section,															
	style of mineralization. However, as the core recovery is only about 73.8% in this section,									69.36 Fault (2 30*, Gouge.						
	style of mineralization. However, as the core recovery is only about 73.8% in this section, considerable potential for lost mineralization exists.														1	
	Refer to sample sheets p. 2 of 3.									70.76 Fault @ 25". 10 cm of						
										gouge.						
										· ·						
										71.12 - 72.83 Fault, Generally						
										gouge @ 30°, 55°. Intense						
										shearing also. Abundant	•					
										slickensides.						
										73.17 Fault @ 40*.						
				·						Slickensides and gouge.						
										74.00 - 74.47 Slickensides @						
									30°, 75°, 90°.							

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**DRILL LOG** Property: District: Hole No.: J95-5 Commenced: Location: Tests at: Hor. Comp.: Core Size: Completed: Corr. Dip: Vert. Comp.: Co-ordinates: True Brg.: Logged by: Objective: % Recov.: Date: Core Post Analyses Footage Description % Sulph. Min. angle Note Sample Length From - to Sulph. Cp/Py of MF. AR. bn, mo control mag. No. Recov Cu Мо Au 75.26 - 78.22 Fault @ 45\*. 79.00 Heavy moly in fracture @ 55°. In margin Slickensides and gouge. of 2 cm thick quartz vein. 76.78 - 77.06 Fault @ 10, 30. 80.42 Hematitic fractures @ 30°, 35°. Slickensides and gouge. 83.07 Quartz vein 1 cm thick @ 75°. About 79.05 - 79.41 Fault. Slickensides 50% of vein is chalcopyrite. and gouge 😰 50°, 55°. 81.61 Fault @ 0º. Slickensides. 81.25 - 82.31 Fault @ 30", 35". Slickensides and minor gouge. 84.50 Fault @ 10\*. Gouge and slickensides. 88.44 Fault @ 55\*. Gouge.

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**DRILL LOG** District: Hole No.: J95-5 Property: Commenced: Location: Tests at: Hor. Comp.: Core Size: Corr. Dip: Vert. Comp.: Completed: Co-ordinates: True Brg.: Logged by: Objective: % Recov.: Date: Analyses Core Post Note Sample Footage Description % angle of MF. Sulph. Min. Length No. Sulph. Cp/Py mag. control AR. Recov Cu Мо Au bn, mo From - to 86.55 Slickensides @ 10\*. 103.66 - 106.71 Very poor core recovery. Almost all core rounded to some degree. 87.73 Fault @ 25°. Slickensides. 92.00 - 92.25 Fault @ 20\*. Slickensides. 97.56 - 100.00 Intense shearing, slickensides and gouge @ 10°, . 25°, 50°, 70° suggests major fault. 100.40 Fault @ 70\*, Gouge slickensides. 100.46 Fault @ 15\*, Gouge. 107.00 - 109.76 Very intensely broken core. Fault indicated by gouge & slickensides @ 10°, 50°

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**DRILL LOG** Property: District: Hole No.: J95-5 Commenced: Location: Tests at: Hor. Comp.: Core Size: Corr. Dip: Completed: Vert. Comp.: Co-ordinates: True Brg.: Logged by: % Recov.: Date: Objective: Core angle Post Min, Analyses Footage Description **%**. Sulph. Note Sample Length From - to Sutph. Cp/Py bn, mo of MF. control Alt. No. Recov Cu Мо Au mag. 109.76 - 114.70 Major fault. Intense shearing, gouge 128.00 Heavy magnetite in 1 cm thick seam (2 60°. Associated pyrite and chalcopyrite in ratio 3 py:1 cp. development and slickensides @ 25°, 40°, 55°, 65°, 75°. 134.30 - 137.00 Bleaching. 115.34 Fault @ 15\*. 135.31 - 135.51 Very heavy chalcopyrite in quartz Slickensided pyrite. vein @ 75°. Minor associated mo. Cp:py = 5:1. 117.32 Fault @ 60\*. Slickensides 120.77 Fault @ 80\*, Gouge. -125.61 Fault @ 45\*. Slickensides 125.78 Fault @ 15\*. Slickensides 130.80 Fault @ 20\*. Slickensides 132.80 Fault @ 20\*. Slickensides

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	<u></u>						D	RILL	LC	G									
Property:		District:				Hole No	o.: J95-5										1		- 1
Commence	d:	Location:				Tests a	t:			Hor. Com	<b>p</b> .:								
Completed:		Core Size:				Corr. D	ip:			Vert. Com	ıр.:								
Co-ordinate	S:					True Br	g.:			Logged by	<b>/</b> :								
Objective:						% Reco	<b>v</b> .:			Date:									
Fastan	Description						Core	Sutat	Post	Note		Samala	Longth			Anal	ses		
From - to	Description		Sulph.	Ср/Ру	bn, mo	mag.	of MF.	control	Alt.	Note		No.	Leangur	Recov		Cu	Мо	Au	
	140.24 - 141.71 Section relatively v	well mineralized								136.80 - 136.90 Fault	<b>@</b> 80°.								
	by chalcopyrite occurring in quartz v	veinlets 1 mm								Essentially all gouge.									
	thick, including heavy chalcopyrite in a quartz vein																		
	thick, including heavy chalcopyrite in a quartz vein 17 cm thick @ 80°. Minor associated mo. Strong									137.10 Fault @ 45º. SI	lickensides								
	17 cm thick @ 80°. Minor associated mo. Strong moty slip @ 75° near bottom of the interval.										1								
										142.27 Faults @ 20*,	40 <sup>4</sup> .								
•	143.72 Minor epidote in form of 3 n	mm x 4 cm								Slickensides.								1	
	exposure in a fracture.				Ĺ												·		
										145.16 - 146.66 Faulti	ing @ 10*,							1	
	149.79 4 mm wide seam of 100% of	chalcopyrite								20°, 45°. Gouge, slicke	ensides								
	Q 85°.	<b></b>								and intense shearing.									
										·					-+-				
	149.88 - 150.23 Bleaching.									148.70 - 149.70 Fault	<b>Q</b> 45°,								
									_	55°, 60°. Essentially ge	ouge.								
	153.52 - 156.67, 158.79- 160.80 Hematitic																		
	fractures common @ 0°, 10°.									152.77 Fault and slick	tensides								
									<b>(2</b> , 35°.										
										153.14-153.80 Faults	s (22) 10°,								_
				L						20°. Slickensides and	gouge.								

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							D	RILI		)G						 
																 T
Property:		District:				Hole N	o.: <b>J</b> 95-	5								
Commence	ed:	Location:				Tests a	at:			Hor. Comp.:						
Completed		Core Size:				Corr. D	)ip:			Vert. Comp.:						
Co-ordinate	95:					True B	rg.:			Logged by:						
Objective:						% Rec	ov.:			Date:						1
													1			
Fastara	Description		~				Core	Cutat	Post	Nata	Camada			Ana	lyses	 
From - to	Description		Sutph.	Cp/Py	bn, mo	mag.	of MF.	control	Alt.	NOLS	No.	Length	Recov	Cu	Mo	Au
			• •							162.13 Fault @ 30*.	·					
										Slickensided pyrite.						
	168.07 - 169.35 Bleaching.															
	168.07 - 169.35 Bleaching. 186.60 - 188.71 Granodiorite. Medium grain			ļ		ļ		ļ		163.00 - 163.57 Fault @ 10*					I	
	186.60 - 188.71 Granodiorite. Medi	um grain	I		<u> </u>	ļ		I		Slickensides & gouge.		<b></b>		<u> </u>		 
	porphyritic containing disseminated p	pyrite and	<u> </u>			<b> </b>		<u> </u>				l				•
	chalcopyrite in amounts <0.1% total	sulphide.								167.18 Fautting. Slickensides						
	Biotite mafic attered to chlorite. Core	at the upper								30°, gouge and 3 cm of mylonite.						
	contact of the granodiorite has been	ground.	L													 
	Lower contact is too intensely broken	to yield								166.39 - 166.90 Fault.						
	core angle.		ļ			<b>_</b>				Slickensides @ 10°, 25°.				ļ		 
	· · · · · · · · · · · · · · · · · · ·															 
			I	ŀ		<b> </b>	<u> </u>			167.16 Fault @ 60°. Slickensides		<b> </b>		ļ		 
					·	<u> </u>	ļ									 
				<u> </u>	<u>  .</u>	<u> </u>				169.00 - 169.50 Fault zone.						 
							<u> </u>			Strong shearing @ 50°, 60°						 
					<u> </u>	<u> </u>				including occasional gouge and						
				· · · · ·						slickensides.						 
						<u> </u>	<b> </b>			170.70 - 171.60 Fault @ 20*,						 
					1	1	1			35°, Gouge,						

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DRILL LOG

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														-			
Property:		District:	_			Hole No	o.: J95-5										
Commence	d:	Location:				Tests a	t				Hor. Comp.:						
Completed:		Core Size:				Corr. D	ip:				Vert. Comp.:						
Co-ordinate	s:					True Br	g.:				Logged by:						
Objective:						% Reco	v.:				Date:						
Footage	Description		% Sutab	CNPV	bo 700		Core angle of ME	Sulph.	Post Min,		Note	Sample	Length	Recov	(	Analyses	Au
F1011 - 10						may.				175 30 . 1	175 40 Emilt @ 60*	110.		110001			
	191.00 Strong chalcopyrite in 4 cm thick calcite vein @ 60*.									Gauge	173.40 Tada 12 00 .				1		
	191.00 Strong chalcopyrite in 4 cm thick calcite														1		
	194.10 Partie and obstangific in grants usin (0.5%)									175.70 F	aut @ 70°.	1887 F					
	194.10 Pyrite and chaicopyrite in quartz vein @ 60*.									177.28 F	aults @ 55*, 70*.						
	194.10 Pyrite and chalcopyrite in quartz vein (2) 60°. This is the only chalcopyrite seen in the last sample.									180.34 F	ault (2) 70°.						
										Silckensid	led pyrite.						
										183.52 F	auit 😥 30°.					•	
195.12 m	END OF HOLE									186.17 F	auft. Slickensided					_	
										pyrite @ 7	70°.						
	**************************************									ļ						_	
		•					•			190.52 Fa	ault @ 15°. Slickensides				<u> </u>		
												18					- · · ·
										192.14 Fa	sult @ 40°. Slickensides						_
										<u> </u>			<u> </u>				
										192.39 - 1	92.77 Faulting @ 50*,						
										60°. Core	has strength of gouge.	· · · · · · · · · · · · · · · · · · ·					
						•											
										193.10 Fa	auit @ 55°. Slickensides						
				L,													

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							SAN	IPLE	E SH	IEET	Γ						
Property: J	ean	District: Omineca	M.D.			Hole N	o.: <b>J95-5</b>	5			Elevation: -		_				
Commence	d: September 26/95	Location:				Tests a	t: 190 m	acid (-9	0°)		Hor. Comp.: Zero						
Completed:	September 27/95	Core Size: NQ				Corr. D	ip: <b>-90°</b>				Vert. Comp.: 195.12	? m					
Co-ordinate	s: Approx. 118 m @ 129º from	DDH J95-2				True Br	rg.: -				Logged by: R.U. Bru	laset					
Objective:	Testing IP anomaly					% Reco	ov.: 77.6	2%			Date: October 1995						
Note: Exce	pt for skeletal core, all core con	sumed for samples							Analys	es by MIN	-EN Labs File No. 55	0162					
	· · · · ·					· .	Core		Post	l l						Analyses	 
Footage From - to	Description		Sulph.	Ср/Ру	bn, mo	mag.	of MF.	Sulph. control	Min. Alt.	1	Note	Sample No.	Length	Recov	Cu	Mo	Au
0-	12.20 m OVERBURDEN	•															 
12.20 •	15.24		<1	1:10		с	15,60,70, 75, 80	fracts.				J-300	3.04	1.36			
15.24 -	18.29		0.1	1:5		с	20, 70, 75, 80	fracts.				J-301	3.05	1.48			
18.29 -	21.34		0.2	1:5		с	60,65,70, 75, 60	fracts.				J-302	3.05	1.69			 
21.34 -	24.29		<.1	1:10		c	60, 70	fracts.				J-303	3.05	2.07			
24.29 -	27.44		<.1	1:100		D	60	fracts.				J-304	2.95	1.08			 
27.44 -	30.49		<.1	1:100		D	10,55,70				•	J-305	3.05	0.22			
30.49 -	33.54		<.1	1:100		D	25, 80					J-306	3.05	1.30			
33.54 -	36.59		<<.1	1:100		D	dissem					no sample J-307	3.05	zero			
36.59 -	39.63		trace	1:100		D	dissem					J-308	3.04	0.10			· ·
39.63 -	42.68		trace	1:100		D	dissem					J-309	3.05	1.73			
42.68 -	45.73		2	1:100		D	dissem	& fracts	in faut	zone		J-310	3.05	3.06			
45.73 -	48.78		2	1:100		D	dissem	+ 70				J-311	3.05	2.56			
48.78 -	51.83		1	1:100		D	dissem	•				J-312	3.05	2.99			
51.83 -	54.88		Х	1:100		D	45,70,80	dissem				J-313	3.05	2.70			
54.88 -	57.93		ж	1:5		D	0,70,80	fracts.				J-314	3.05	2.62			
57.93 -	60.98		Ж	1:10		с	0,60,65, 70, 80					J-315	3.05	2.68			
60.98 -	64.02		0.2	1:50		D	20,65,75					J-316	3.04	2.17			
64.02 -	67.07		0.5	1:25		D	40,60,80					J-317	3.05	2.77			
67.07 -	70.12		0.2	1:25		D	0,60,70					J-318	3.05	2.85			

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																Ī		Ι
Property:		District:				Hote N	o.: J95-5											
Commence	d:	Location:			•	Tests a	ıt: `			Hor. Comp.:								
Completed:		Core Size:				Corr. D	ip:			Vert. Comp.:						1 1		i i
Co-ordinate	s:				!	True Br	g.:			Logged by:						1		
Objective:						% Reco	ov.:			Date:								
Footage	Description		<b>%</b>	Co/Dr			Core angle	Sulph.	Post Min.	Note	Sample	Length	Basan	. [	Anal	yses		A
From - to			Supri.	Срину	Dri, mo	mag.	OF MF.	Control	A.II.		NO.		Recov		Cu	MO		Au
70.12 -	73.17		0.1	1:25		0	10,40,00			,	1-319	3.05	2.68	-				
73.17 -	76.22		<u>•</u> .1 ·	1:50		0	10,25,30				1.221	3.05	2.90					
70.22 -	92.21		trace.	60-1		0	45.60				1 320	3.05	2.04					
19.21 -	95 37		1	50.1		0	35, 50,				1 322	3.04	2.30					
95 37	88.42		0.2	50:1		5	15, 30,				1-324	3.05	2.55					
69.42 ·	01.42		0.2	50:1		6	60,65,70,				1.325	3.04	2.50					
91.46	94.51		0.3	100-1		D	25, 60,			· · · · · · · · · · · · · · · · · · ·	1-326	3.05	3 20					
94.51	07.58		0.2	100:1		D	35,40,65				1327	3.05	2.69					
97.56 -	100.61		0.2	100.1		D	65				1-328	3.05	2.00					
100.61 -	103.66		0.1	2:1		D	30				J-329	3.05	1.68					
103.66 -	106.71		0.2	3:1		D	30				J-330	3.05	0.18				· ·	
106.71 -	109.76		0.2	100:1		D	30, 60				J-331	3.05	1.33					
109.76 -	112.80		trace	1:3		D	dissem				J-332	3.04	1.83					
112.80 -	115.85		0.1	3:1		D	15, 80				J-333	3.05	3.00					
115.85 -	118.90		0.1	1:1		c	15,55,60				J-334	3.05	3.03					
118.90 -	121.95		0.5	1:3		D	50, 65, 70,75				J-335	3.05	3.02					
121.95 -	125.00		0.1	1:3		D	25, 55, 60, 65				J-336	3.05	3.07					
125.00 -	128.05	•	0.5	1:10		B	65, 70				J-337	3.05	3.12					
128.05 -	131.10		0.1	1:10		в	60,65,75				J-338	3.05	3.05					

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Property:		District:		-		Hole No	o.: J95-5	i										
Commence	d:	Location:				Tests a	t:			Hor. Comp.:								
Completed:		Core Size:				Corr. D	ip:			Vert. Comp.:								
Co-ordinate	s:					True Br	a.:			Logged by:								
Objective:						% Reco	.:			Date:								
00,000,000																		
	· · · · · · · · · · · · · · · · · · ·				1	1	Core		Post		1	1			Anal	yses		
Footage From - to	Description		% Sulph.	Cp/Py	bn, mo	mag.	of MF.	Sulph. control	Min. Alt.	Note	Sample No.	Length	Recov		Cu	Mo		Au
131.10 •	134.15		0.2	1:10		в	45,50,60				J-339	3.05	2.65				1	
134.15 -	137.20		1.5	5:1		в	30, 60, 65, 80				J-340	3.05	3.04					
137.20 -	140.24		0.1	10:1		с	10,70				J-341	3.04	3.04					
140.24 -	143.29		2.5	10:1		в	45, 55, 75, 80				J-342	3.05	3.00					
143.29 -	146.34		0.3	1:10		no data	70, 80				J-343	3.05	3.05					
146.34 -	149.39		<<1	1:10	· · · · ·	no data	10	[			J-344	3.05	1.64				_	_
149.39 -	152.44		0.2	10:1		в	85, 90				J-345	3.05	2.96					
152.44 •	155.49		trace	1:100		в	80			, , , , ,	J-346	3.05	2.17	·				
155.49 -	158.54		<<.1	1:100		c	กขั	dissem			J-347	3.05	2.91					
158.54 -	161.59		0.1	1:1		в	0, 20, 55, 75				J-348	3.05	2.31					
161.59 -	164.63		0.1	1:5		D	0,10,30				J-349	3.04	2.88					
164.63 -	167.68	· ·	⊲0.1	1:100		D	20,60				J-350	3.05	2.65					
167.68 •	170.73		trace	1:100		D	0,65				J-351	3.05	2.65					
170.73 -	173.78		trace	1:100		D	65,80				J-352	3.05	2.90					
173.78 -	176.83		trace	1:100		D	0				J-352	3.05	2.50					
176.83 -	179.88		trace	1:100		D	55				J-353	3.05	2.86					
179.88 -	182.93		<.1	1:100		D	30, 40, 45, 50				J-354	3.05	2.83					
182.93 -	185.98		<1	1:100		с	50,60,70				J-355	3.05	2.43					
185.98 -	186.60		<.1	1:100		с	50, 60				J-356	0.62	0.62					
186.60 -	188.71		<.1	1:100		с	50, 60				J-357	2.11	1.31					

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SAMPLE SHEET District: Hole No.: J95-5 Property: Tests at: Location: Commenced: Hor. Comp.: Completed: Core Size: Corr. Dip: Vert. Comp.: True Brg.: Co-ordinates: Logged by: % Recov.: Objective: Date: 7 Core angle of MF. Analyses Post Footage From - to Sulph. control Description . 96 Min. Note Sample Length Sulph. bn, mo Att. Cp/Py mag. No. Recov Cu Мо Au 188.71 -192.07 <.1 100:1 D 60 J-358 3.36 2.84 192.07 -195.12 trace 1:10 D 60 J-359 3.05 2.86 195.12 m END OF HOLE .

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# APPENDIX 2

Analytical results and procedures.



### CONFIDENTIALITY NOTICE

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ATTENTION:	DATE: Mounter 27, 95
FAX: 294-3568	TOTAL PAGES:

Dear Mr. Bruases

Re: 5V-0529

The MADLER

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OFFICE AND LABORATORIES: 8282 Sherbrooke Street Vancouver, B.C. V5X 4E8

PHUNE (604) 327-3436 FAX: (604) 327-3423



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SMITHERS LAB: **3176 TATLOW ROAD** SMITHERS, B.C. CANADA VOJ 2NO TEL (604) 847-3004 FAX (604) 847-3005

# **PROCEDURE FOR AU GEOCHEM FIRE ASSAY**

Samples are dried @ 65 C and when dry the Rock & Core samples are crushed on a iaw crusher. The 1/4 inch output of the jaw crusher is put through a secondary roll crusher to reduce it to 1/8 inch. The whole sample is then riffled on a Jones Riffle down to a statistically representative 300 gram sub-sample. This sub-sample is then pulverized on a ring pulverizer to 95% - 150 mesh, rolled and bagged for analysis. The remaining reject from the Jones Riffle is bagged and stored.

Soil and stream sediment samples are screened to - 80 mesh for analysis.

The samples are fluxed, a silver inquart added and mixed. The assays are fused in batches of 24 assays along with a natural standard and a blank. This batch of 26 assays is carried through the whole procedure as a set. After cupellation the precious metal beads are transferred into new glassware, dissolved with agua regia solution, diluted to volume and mixed.

These resulting solutions are analyzed on an atomic absorption spectrometer using a suitable standard set. The natural standard fused along with this set must be within 2 standard deviations of its known or the whole set is re-assayed.

10% of all assay per page are rechecked, then reported in PPB. The detection limit is 1 PPB.



NERAL

(DIVISION OF ASSAYERS CORP.)

N VIRONMENTS ABORATORIES

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SMITHERS LAB: 3176 TATLOW ROAD SMITHERS, B.C. CANADA VOJ 2NO TEL (604) 847-3004 FAX (604) 847-3005

# ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK: PROCEDURE FOR SAMPLE PREPARATION

a.) The soil and stream sediment samples are dried at 60 Celsius. The sample is then screened by 80 mesh sieve to obtain the -80 mesh fraction for analysis.

b.) The rock and core samples are dried at 60 Celsius and when dry are crushed in a jaw crusher. The 1/4 inch output of the jaw crusher is put through a secondary roll crusher to reduce it to -1/8 inch. The whole sample is then riffled on a Jones Riffle down to a statistically representative 300 gram sub-sample. This sub-sample is then pulverized on a ring pulverizer to 95% minus 150 mesh rolled and bagged for analysis. The remaining reject from the Jones Riffle is bagged and stored.



AS-004.DOC

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SMITHERS LAB: 3176 TATLOW ROAD SMITHERS, B.C. CANADA VOJ 2NO TEL (604) 847-3004 FAX (604) 847-3005

## ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK: PROCEDURE FOR TRACE ELEMENT ICP Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sn, Sr, Th, Ti, U, W, Zn

0.50 grams fo the sample pulp is digested for 2 hours with an 1:3:4 HNO3:HCl:H2O mixture. After cooling, the sample is diluted to standard volume.

The solutions are analysed by computer operated Jarrell Ash 9000, Jarrell Ash 975 or Jobin Yvon 38, Inductively Coupled Plasma Spectrophotometers.



MINERAL • EN VIRONMENTS LABORATORIES (DIVISION OF ASSAYERS CORP.)

> SPECIALISTS IN MINERAL ENVIRONMENTS CHEMISTS + ASSAYERS + ANALYSTS + GEOCHEMISTS

# Assay Certificate

# Company: INTERNATIONAL FOCUS RES INC.

Project:

Attn: GARY SCHELL

We hereby certify the following Assay of 8 core samples submitted OCT-03-95 by G. Schell.

Sample Number	Cu %	Sample length
J 137	15.100	0.48M
J 138	1.410	0.42m
J 146	1.120	0.81m
J 150	1.650	1.54m
J 87	1.750	0.75m
J 88	1.290	2.13m
J 90	1.370	1.03m
J 91	1.450	1.53m

VANCOUVER OFFICE: 8282 SHERBROOKE STREET VANCOUVER, B.C. CANADA V5X 4E8 TELEPHONE (604) 327-3436 FAX (604) 327-3423

SMITHERS LAB: 3176 TATLOW ROAD SMITHERS, B.C. CANADA VOJ 2NO TEL (604) 847-3004 FAX (604) 847-3005

5S-0153-RA1

Date: NOV-20-95

Certified by

MIN-EN LABORATORIES

COMP:	INTERNATIONAL	FOCUS	RESOUCES	

### MIN-EN LABS --- ICP REPORT

#### 8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8 TEL: (604)327-3436 FAX: (604)327-3423

#### FILE NO: 55-0149-RJ1+2

ATTN: GARY SCHELL

SAMPLE from to AG AL AS BA BE BI CA CD CO CR CU FE GA ĸ 11 MG MN MO NA NI Ρ PB SB SN SR TH TI u M. ZN Au-fire NUMBER (m) m)PPM ž PPM PPM PPM PPM PPM Ľ PPM PPM PPM PPM Ľ PPM X PPM x PPM x PPM PPM PPM PPM PPM PPM PPM % PPM PPM PPM PPM 309 PPB J 15.63-945 352 .8 1.88 39 5 1.64 15 70 56 2.60 .21 20 1.69 495 25 1280 2 29 .09 1.0 .1 .15 3 56.6 2 61 J 2 9.5-12.20 3.05.8 1.91 J 3 12.20-15.20 3.00.8 1.80 39 2.33 30 1260 6 1.64 13 88 .23 27 1.72 423 .17 30 .07 Ž 36 1.2 .1 3 46.9 -53 42 5 1.84 15 95 33 2.20 .12 25 1.70 428 .15 37 1130 2 **4**1 .07 3 1.0 .1 6 52.1 56 19 27 1.79 57.4 4 15-20-18.29 3.091.1 1.99 140 80 1.0 5 2.36 .1 85 2.24 .31 437 .14 56 890 1 2 36 1 .08 1 6 64 3 215 5 2.01 23 177 33 2.67 31 2.11 .08 70.9 7 J 5 18-29-21.34 3.051.0 2.27 1.0 .1 1 .56 482 1 .12 61 810 1 3 7 1 1 67 1 34 2.67 J 6 21.34-24.39 B051.2 2.11 6 3.04 22 158 .43 33 2.13 548 .13 58 870 3 38 .09 74.4 2 146 1.0 .1 6 67 6 6.10 19 111 18 1.85 09 22 1.45 .07 47 Ž٠ .08 45 .9 616 880 2 43 51.0 J 7 24.39-27.433.041.2 1.48 .1 1 4 47 59 7 3.61 21 119 37 1.89 .20 30 1.51 51 910 ž 55 .08 53.2 J 8 27 43- 30 48 3 45 .9 1.79 .8 421 .16 n .1 1 1 1 1 4 48 3 27 1.76 J 9 10.48-33.54 3.06 1.1 1.66 74 .7 6 4.32 19 110 45 2.35 .18 545 .10 42 910 3 38 .09 68.5 50 . 1 1 1 4 4 ş .9 6 4.84 21 150 42 2.39 .17 32 1.89 575 .15 58 850 .08 62.9 5 57 J 103354-3659 3051.1 1.91 61 .1 1 1 3 111 1 4 5 2.37 .29 31 2.28 .24 .07 71.1 2 J 1136 59-39.63304 .9 2.58 1.3 17 109 44 3.03 43 1020 137 3 79 60 .1 1 668 4 20 3.40 59 5 2.16 85 .37 24 2.62 738 34 1090 J 12 11 13-42 683.05 .9 2.60 1.5 .1 16 1 89 .06 80.5 85 1 57 2Ō 67 88 4.26 10 2.89 975 30 .01 J 13 42, 18-45:72 3.051.1 1.90 1.6 3 6.06 .20 .05 860 15 5 128 88.7 .1 1 13 -1 1 85 9 2.11 14 45.72 - 48.78 3.05 .7 .93 253 75 1.9 6 6.75 17 380 66 4.47 .18 1042 .06 38 59 770 25 220 .01 72.0 <u>3</u>3 .1 R 6 16 70 1 23 139 940 52 23 86 4.73 .31 31 2.72 1696 .07 J 15 49.79-50.6/ 1.83 .5 2.43 1.4 5 3.38 .1 1 6 1 .05 1 193.5 6 155 6 1 57 19 118 51 4.53 27 2.86 1821 .07 40 5 3 7 16 50.41-53.35 2.74 .4 2.66 7 3.19 .42 990 11 .06 137.2 1.5 .1 3 111 .51 29 2.56 1715 J 17 57.35-94.88 1.57 .3 2.36 77 20 106 69 4.59 .10 .06 1.5 7 2.50 .1 1 44 1350 21 5 1 120.3 3 98 74 7 2.47 6 2.00 22 103 93 4.78 .57 29 2.21 1217 27 J 18 54.80-5640 1.51 1.2 2.36 1.4 .1 .10 44 660 5 .10 1 153.7 5 167 1 6 19 19 56-10-5853 213 .8 2.49 63 1.5 113 65 4.26 .53 27 2.30 1223 .12 39 610 15 5 .09 149.6 .1 1 5 147 5 .57 27 74 1.5 9 2.83 18 108 70 4.29 21 1.87 1241 2 .14 42 1000 .09 J 20 98-53-60.98 2.451.3 2.12 .1 1 4 1 1 158.2 6 309 4 J 21 6 90 4 02 1-041.5 2.73 114 1.5 11 2.64 24 84 95 4.99 .73 30 2.51 1108 .13 33 950 18 .15 1 159.7 3 .1 6 3 144 22402-67.04 3421.5 2.21 63 9 1.93 20 **91** 101 4.37 .60 22 1.61 748 .21 50 430 25 1.4 . 1 5 .11 134.2 4 216 9 23 67.04-69.5 447 1.0 1.99 45 1.2 8 2.28 17 68 65 3.87 .29 20 1.63 1018 .11 30 410 21 23 4 .09 1 123.3 4 123 .1 7 J 24 (9.51- 70.9 a.92 1.1 2.39 J 25 70.93 - 72.87 2441.6 2.85 1.7 **9**1 .25 46 9 1.76 23 88 5.03 19 2.18 1124 .09 40 380 .11 171.3 4 125 .1 6 1 9 93 61 1.8 8 5.91 30 218 84 4.68 .30 22 3.15 1330 .07 750 8 1 5 .09 .1 1 151.8 8 104 6 23 3.30 J 26 72.87-75.92 3.031.9 2.88 78 10 3.23 29 210 75 4.57 .51 911 .09 78 750 5 1.5 .1 .18 144.2 7 104 1 J 27 +5.92-78.96 3.44 2.2 2.80 131 9 3.24 26 199 96 3.84 .63 27 3.01 699 .15 77 720 1.4 - 1 5 .16 116.3 6 100 2 J 28 78.94-80.49 1.531.6 2.80 277 3 3.02 2 2.29 28 249 88 2.86 .47 30 3.31 576 .13 132 1020 40 .09 3 1.2 .1 1 4 68.3 8 93 29 257 165 2.93 27 3.28 .19 29 80-49-82.32 1.831.8 2.90 229 1.3 . 1 567 131 1010 4 .09 64.2 8 94 3 J 3082.32-85.27 3252.1 2.61 27 10 1.99 162 78 3.82 26 2.83 . 19 67 660 142 1.4 . 1 .46 615 1 4 1 .18 109.3 5 111 6 J 316577-88.11 2741.8 1.96 73 1.3 9 4.48 18 71 91 3.59 .14 15 1.52 550 2 .15 35 810 18 3 31 .13 93.5 10 2 90 918 3208-11-91-16 3.05 .9 2.70 92 4 3.42 3 5.38 16 79 46 3.47 .22 23 2.52 918 22 2.38 1005 .14 40 1150 93 92 5 4 .05 85.0 2 1.5 1 25 3.24 3391.16-93.29 2.13 .6 2.38 77 1.6 15 67 .15 .09 40 1280 4 126 .02 69.9 80 1 1 5 6.32 74 41 3.45 19 2.34 1024 46 1290 J 3493 R-94.51 1.221.2 2.28 18 13 66 1.5 . 1 . 18 .08 4 122 .05 71.4 1 105 3 1 J 359451-97.8 1.0 2.68 .21 64 6 2.36 16 82 36 3.00 .10 24 2.45 768 41 1350 4 133 .08 71.7 1.3 . 1 1 84 3 1 1 1 1 37 J 36 91.56- 1004 205 1.0 2.38 71 1.4 5 2.62 16 86 36 3.16 .20 23 2.45 848 .17 1400 3 4 92 .08 76.8 90 4 .1 2 6 2.04 57 2.86 .10 J 37/00.41-101.82/122.1.3 2.30 91 .9 19 135 .45 19 2.13 610 .18 52 980 5 3 44 85.8 5 82 . 1 1 7 2.35 20 .29 26 2.42 51 1020 34 3810183-10341631.4 2.39 68 1.2 148 73 3.15 674 .18 3 94.7 97 ž . 1 .12 1 5 J 39 1034 -106 70 9 04 1.1 1.82 J 40106 - 109 76 706 1.1 2.24 84 5 4.91 23 108 67 4.50 .21 14 2.47 984 .09 65 980 21 108 92.5 1.9 5 .1 .04 2 103 23 105 19 2.41 1079 50 790 21 126 1.9 7 5.61 84 4.57 .44 .12 5 107 .06 1 119.7 3 123 1 . 1 1 1 1 5 J 41 09.76 - 112.80 804 1.4 2.76 159 1.9 9 4.38 .1 23 68 88 5.20 .52 22 2.57 1093 .12 28 660 21 5 45 .08 161.6 2 144 5 1 J 42 112 -00-115-85 1 05 1.7 2.70 133 1.6 10 2.70 23 96 82 4.41 17 2.20 788 .18 39 660 18 5 .12 1 133.2 8 .1 1 1 3 119 20 12 2.55 1044 23 400 J 43115.95-118.90 3.051.1 1.49 94 1.8 3 5.65 .1 41 96 4.82 .32 .09 25 1 6 141 .03 93.3 Ž 1 1 100 J 4411890-121.95 3.05 1.7 2.16 102 1.3 11 5.83 21 53 102 4.04 .24 15 1.65 871 .14 24 510 21 .13 .1 1 1 4 113.2 2 121 3 1 J 451495-125.00 1051.6 2.18 1 102 1.4 7 4.19 .1 21 58 90 3.83 1 .38 17 1.93 764 .15 25 710 18 1 98.5 2 98 1 4 .11 1 4 J 4612500-128.05 305 1.0 2.28 20 52 108 6 3.21 83 4.77 .48 15 2.03 926 .09 21 320 20 1.6 .1 1 1 1 5 1 .05 139.2 107 3 1 J 47 128.05-131 10 3.051.2 2.49 8 2.57 1 125 1.6 .1 20 60 108 4.91 1 .82 17 1.91 805 .14 21 400 24 1 5 1 .09 143.2 3 103 3 1 1 Žİ 22 23 ŝ 175 62 84 5.25 .86 J 48 131-6-139.150.051.1 2.74 1 1.9 10 2.03 .1 1 21 2.18 930 1 .13 440 1 10 1.10 1 172.2 2 121 Ā

DATE: 95/11/15 rock (ACT:F31)





#### COMP: INTERNATIONAL FOCUS RESOUCES

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### MIN-EN LABS - ICP REPORT

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FILE NO: 55-0149-RJ3+4

	PROJ: JEAN	1995 P	297								8	282 SHE	RBROO	KE ST	r., va	NCOU	VER,	3.C. V	5X 4E	8										D	ATE:	95/11/1
	ATTN: GARY SC	HELL										TEL:(	604)3	27-34	436	FAX:	(604)	327-34	23											*	*	(ACT:F31
	NUMBER (m)	(m) AG	AL %	AS PPM	BA PPM	BE PP <b>N</b>	PPN_	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	к %	PPM	MG %	MN PPM	PPM	NA %	NI PPM	Р РР <b>М</b>	PB PPM	SB PPM F	SN S PPM PF	SR 1 PM PF	ד א TH ארא איז	U S PPM	V PPM	W PPM	ZN PPM	Au-fire 30g PPB
	J 49 134.15-137.20 J 50 137.20-40.24 J 51 140.24-143.25 J 52 143.29-144.30 J 53 146.34-149.39	3.051.7 2051.9 27.451.7 3.051.7 3.051.4	2.57 2.75 .55 .68 2.09	1 233 224 1	142 175 52 46 97	1.6 1.6 1.8 2.0	7 2 9 2 2 6 5 6	2.36 2.49 5.66 5.48 5.29	.1 .1 .1 .1 .1	21 23 17 22 28	43 47 30 50 96	98 118 76 74 73	4.83 5.18 3.89 4.79 5.29	1 1 1 1	1.11 1.01 .13 .06 .21	24 14 15 7 19	1.94 1.95 2.99 2.92 2.64	775 833 873 1184 1345	1 1 1 1	. 20 . 18 . 04 . 02 . 14	21 23 16 35 61	460 460 470 560 650	17 30 33 32 29	1 2 3 1 3	6 5 5 6 7 29	7 88 9 93 90	1 .09 1 .11 1 .01 1 .01 1 .01	9 1 1 1	148.8 164.3 64.2 101.4 117.3	2 3 1 2	108 121 96 101 120	1 9 3 2 2
	J 54 19939-152.99 J 55 <u>152 99</u> J 56 <u>155 99</u> J 57 <u>158 54 -1585</u> J 57 <u>158 54 -1585</u> J 58 14 59 - 164 59	3051.3 1051.8 1051.9 1051.7 1072.0	.57 2.32 2.50 2.21 2.38	232 1 1 1	38 89 123 90 117	1.8 1.9 1.1 1.3 1.3	4 6 6 6 8 4 8 5 10 4	5.17 5.61 .11 5.17 .45	.1 .1 .1 .1	25 26 21 19 20	60 100 72 48 47	77 77 75 67 120	4.71 4.58 3.16 3.92 3.63	1 1 1 1	.07 .23 .29 .33 .28	6 13 11 13 14	2.49 2.63 1.49 1.61 1.57	1114 1184 598 778 662	1 1 1 1	.03 .16 .21 .19 .20	44 53 34 24 22	740 680 660 620 480	36 20 6 23 13	1 2 3 2 2	6 21 5 26 3 3 4 3	2 1 4 6 1	1 .01 1 .04 1 .10 1 .08 1 .12	1 1 1	116.6 115.6 86.3 118.3 91.0	1 3 4 3 2	101 100 72 71 71	5 3 5 6 7
	J 59//443-147.66 J 60/ <u>147.66-170.76</u> J 61/ <u>170.77-177.76</u> J 62/ <u>773.76-176.86</u> J 63/76-95-179.69	<u>845</u> 2.0 ອອງ 2.1 ດອງ 2.1 ດອງ 2.0 ດອງ 2.0	1.99 2.35 1.96 2.59 2.63	1 1 1 1	83 95 76 36 103	1.0 1.3 1.3 1.7 1.5	8 2 9 2 9 6 10 5	2.55 2.63 5.52 5.17 5.82	.1 .1 .1 .1 .1	18 22 20 21 22	47 43 42 51 55	92 101 93 103 101	2.75 3.82 3.62 4.73 4.42	1 1 1 1	.23 .15 .10 .04 .29	14 21 19 30 23	1.14 1.66 1.32 2.17 1.85	520 771 935 1149 1201	1 1 1 1	.24 .16 .14 .04 .17	18 20 24 29 28	680 710 640 550 450	10 14 25 25 19	2 1 2 2 3	2 2 4 1 5 5	2 9 1	1 .13 1 .14 1 .10 1 .09 1 .12	1 1 1 1	70.7 115.1 97.2 134.5 137.1	32323	71 95 65 102 102	2 12 7 6 5
	J 64 ( <del>718) 182 13</del> J 65 ( <u>82 93 - 85 99</u> J 66 ( <u>85 99 - 18) 12</u> J 67 <u>191 62 - 187 62</u> J 68 <u>181 67 - 185 12</u>	3.041.8 5.052.1 3.041.9 3.051.8 3.051.8	2.74 2.47 2.79 3.19 2.02	1 1 1 1	221 198 239 275 174	1.2 1.2 1.4 1.4 1.2	10 3 9 4 10 3 10 3 7 2	.18 .92 .34 .16 .78	.1 .1 .1 .1 .1	21 21 22 25 16	49 47 53 60 46	103 111 106 103 54	3.85 3.77 4.46 4.41 3.20	1 1 1 1	.82 .48 .81 1.01 .63	20 19 21 24 15	1.68 1.64 2.02 1.94 1.61	828 961 1106 1157 908	1 1 1 1	.24 .19 .19 .25 .14	21 22 23 26 24	470 480 410 400 640	16 17 14 15 16	3 2 3 1	4 1 5 4 3 8	1 7 6 1	1 .13 1 .12 1 .13 1 .13 1 .07	1 1 1	110.2 113.2 148.8 145.7 89.2	33342	102 109 111 110 88	9 4 8 3
	J 69 <u>19512-19817</u> J 70 <u>19817-2012</u> J 71 <u>20122-2012</u> J 72 <u>2012-2012</u> J 72 <u>2012-2015</u> J 73 <u>20732-2003</u>	3.051.2 3.051.3 3.051.3 3.051.3 3.051.5 3.051.0	2.02 3.07 2.41 2.70 2.72	1 1 1 1	182 263 157 189 211	1.3 1.3 1.2 1.4 1.3	5 2 7 5 7 5 9 1	.44 .57 .53 .10 .93	.1 .1 .1 .1	17 16 15 16 15	64 73 71 72 76	41 29 27 29 18	2.88 3.02 2.68 3.52 3.18	1 1 1 1	.49 .79 .59 .63 .64	21 21 19 25 21	1.63 1.86 1.80 2.66 2.36	835 926 1165 994 923	1 1 1 1	.17 .30 .22 .17 .21	33 35 33 33 33 33	1220 1340 1200 1370 1360	11 6 3 3	1 4 2 1 1	3 8 3 7 3 10 4 6 3 8	8 7 1 6 4	1 .06 1 .07 1 .06 1 .07 1 .08	1 1 1 1	70.9 80.0 71.9 85.8 80.2	2 3 1 2	83 91 85 85 85 86	27725
- 795-1	J 74 <u>21037-213.41</u> J 75 <u>213.41-24.46</u> J 76 <u>216.44-24.46</u> J 76 <u>216.48-247.51</u> J 772 <u>19.57-222.56</u> J 78 222.56-225.6	3.64 3.05 3.05 3.05 3.05 3.05 3.05 3.05 3.05	1.98 1.91 2.58 1.76 2.49	1 1 1 1	154 136 212 136 182	1.4 1.5 1.2 1.2 1.3	54 462 462 62	.01 .99 .19 .13 .10	.1 .1 .1 .1	15 14 13 14	57 52 61 52 70	17 33 13 18 13	3.09 3.15 2.96 2.94 2.92	1 1 1 1	.44 .43 .70 .57 .61	17 12 23 21 29	2.16 2.46 2.04 1.93 2.02	964 788 971 906 790	1 1 1 1	.16 .13 .22 .18 .22	35 34 33 31 30	1370 1300 1330 1300 1280	7 10 9 11 4	7 1 1 1	3 17 3 18 3 12 4 12 3 7	5 7 2 9 5	1 .04 1 .03 1 .07 1 .04 1 .07	1 1 1 1	65.1 54.0 65.2 63.0 65.8	1 1 2 1	86 65 92 78 83	1 3 1 3
	J 792541-28.66 J 8022846-23049 J 81250-9-25470 J 82 <u>1250-16.77</u> J 8316-77-18.28	2051.2 1-831.1 1-241.2 4-772.3 1-521.9	2.47 2.22 1.57 4.00 2.86	1 1 1 1	189 206 89 448 338	1.4 1.0 .9 1.4 1.1	72 61 51 112 81	.07 .94 .98 .67 .96	.1 .1 .1 .1	15 15 14 26 22	65 75 62 215 153	24 19 4 54 154	3.15 2.60 1.90 3.34 2.87	1 1 1 1	.50 .63 .16 .92 .80	29 29 31 16 11	2.15 1.93 1.60 2.63 1.95	820 668 522 291 205	1 2 1 1	.20 .25 .12 .31 .31	31 31 19 89 73	1390 1490 2320 890 850	5 1 1 1	1 1 3 1	3 8 3 14 2 7 3 22 3 10	7 9 1 4 5	1 .09 1 .08 1 .08 1 .17 1 .14	1 1 1 1	74.0 64.3 54.5 111.7 88.2	2 2 1 9 7	82 74 55 62 48	10 10 2 3
15-2	J 84 <u>(8.29-2).34</u> J 85 <u>21.34-24.34</u> J 86 <u>24.34 - 24.09</u> J 87 <u>26.09 - 27.44</u> J 88 <u>7.44 - 29-57</u>	3.051.7 3.002.3 2.352.0 2.759.9 2.157.7	1.89 1.15 1.64 .83 .74	1 1 24 1	228 146 226 20 16	1.1 .9 .9 1.3 .9	3 1 1 1 1 1 1 1 1 1	.50 .08 .48 .54 .27	.1 .1 .1 .1	22 22 21 27 26	121 55 72 62 55	356 1434 667 10000 10000	2.91 3.39 3.67 4.53 8.61	1 1 2 2	.63 .37 .58 .07 .05	11 10 10 8 6	1.56 .89 1.15 .98 .64	196 188 232 143 101	1 5 17 3	.19 .13 .16 .06 .10	59 27 25 49 29	720 610 530 920 850	6 23 18 51 40	1 1 11 8	3 3 3 4 3	9 1 1 1	1 .12 1 .12 1 .17 1 .09 1 .14	1 1 1 1	98.1 87.3 129.4 93.8 67.8	63454	40 38 39 56 51	7 12 7 69 70
POH 74	J 89 <u>2</u> 57-33.25 J 90 <u>35.43-35.66</u> J 91 <u>35.66-36</u> 59 J 92 <u>36.59-39.63</u> J 93 <u>39.63-42.68</u>	3.46.3 1.837.7 1.537.9 9.044.1 2.454.9	1.64 .77 1.38 .97 .75	1 1 1 1	93 14 74 79 13	.8 .8 1.2 .7 1.0	1 1 1 1 1 2 1 1 1 1	.63 .21 .33 .34 .66	.1 .1 .1 .1	24 22 26 20 26	61 56 62 57 71	8546 10000 10000 3981 4668	2.96 3.05 3.72 2.69 3.20	22212	. 18 . 05 . 15 . 13 . 02	97964	.81 .79 1.02 .69 .47	97 91 157 137 146	3 10 3 2 2	.25 .09 .16 .15 .09	24 27 26 24 27	690 780 800 650 730	18 29 35 20 30	7 9 10 2 2	3 1 3 2 2 1 2 1	24033	1 .13 1 .14 1 .12 1 .13 1 .07	1 1 1 1	81.7 79.0 98.2 68.9 56.1	5 5 6 3 4	48 49 60 38 49	56 87 119 37 51
     	J 94 <u>92 48 48 73</u> J 95 <u>45 73 48 78</u> J 96 <u>48 78 51 83</u>	3.053.3 3.054.9 3.053.4	.04 .35 .18	1 1 1	72 71 131 -	1.0 1.3 1.2	1 1 1 6 1 1	.28 .27 .43	.1 .1 .1	23 29 27	60 42 69	2166 3 3559 4 1862 3	5.46 4.39 5.84	1 1 1	.21 .18 .50	8 7 10	1.09 .88 1.39	174 629 176	2 5 1	.10 .06 .08	22 27 22	580 690 610	24 38 23	1 4 1	3 4 24 4	1 · ·	1 .11 1 .03 1 .15	1 1 1	100.6 94.4 124.0	3 2 4	39 56 41	27 47 29

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C	COMP :	INT	ERNA	TIONAL	FOCU	S RESC	UCES						1		N - EN		BS			RE		T 458										FIL	E NO:	55-0	149-RJ5
r A	TTN:	GAR	AN $(445) p 5dq 7$ RY SCHELL $from \frac{1}{10}$ AG AL AS BA BE BI CA CD CO CR CU FE GA K LI MG MN MO NA NI P PB																					* •	(A	CT:F31)									
. 1	TEL: (604.)327-3436       FAX: (604.)327-3423         SAMPLE from to NUMBER (m)       M AG AL AS BA BE BI CA CD CO CR CU FE GA K LI MG MN MO NA NI P PB SB SN SR TH TI U NUMBER (m)       M PPM PPM PPM PPM PPM PPM PPM PPM X PPM X PPM X PPM X PPM X PPM Y PPM X PPM X PPM Y PPM Y PPM Y PPM Y PPM Y PPM X PPM X PPM X PPM X PPM X PPM X PPM X PPM Y PPM Y PPM Y PPM Y PPM Y PPM Y PPM Y PPM Y PPM Y PPM Y PPM Y PPM Y PPM Y PPM Y PPM Y PPM X PPM X PPM X PPM X PPM X PPM X PPM X PPM X PPM X PPM Y														v	W	ZN AU	-fire																	
	NU	IBER	(m)	(m) PPI	i X	PPM	PPM	PPM	PPH	X	PPM	PPM	PPM	PP	1 X	PPM	X	PPP	×	PPM	PPM	<u>×</u>	PPM	PPM	PPM	PPM	PPM	PPM P	PM	XP	PM	PPM I	PPM P	PM 30	8 PPB
	JS	97 <u>51.1</u> 98 54 6	33 - 54 A 18-57 13	3.053.2	2 1.11	1	130 29	1.2	1	1.08	.1	28 21	65 38	2020	) 3.67   2.64	. 1	.58 .07	13	1.36	154 129	2	.07 .09	23 22	650 720	22 22	1	4 2	1	1	.14 .09	1 11	2.9	3	33 22	29 10
	ĴŚ	9 57	13-60-51	2441.9	.85	1	20	1.0	1	2.06	-1	29	43	770	3.77	2	.04	4	.68	272	1	.10	25	740	32	1	3	16	1	.08	1 7	3.4	2	29	12
	J	01 6	20-690	2833.9	1.98	1	218	1.3	i	1.95	:1	21	36	2048	3.57	<u>i</u>	.57	14	1.67	182	<u>i</u> .	.13	24	1790	17	i	3	i	i	15	1 13	3.3	ż	44	32
	J	0267	03-67-0	3662.5	2.12	1	190	1.3	1	1.90	.1	24	45	722	2 3.78	1	.66	17	1.80	186	1	.17	28	1740	15	1	47	1	1	.16	1 13	2.6	3	41	7
	J	0470	12-73-12	3.00 2.9	.80	i	25	1.2	1	2.47	1	25	37	1905	3.74	ź	.10	6	.65	297	6	.11	30	750	35	1	4	18	1	.07	1 8	0.0	2	35	16
	J	05 <u>78</u>	12-76-22	<u>3-/0</u> 1.8	3.68 1.03	1	34 77	.7	1	1.60	.1	16 20	46 45	628 882	3 2.46	1	.06	4	.65	164 218	1	.12	18 21	630 680	20 25	1	23	34 18	1	.08 .10	1 6	9.4	2	21 30	. 4
	J 1	07 79	.27-823	3.051.0	.86	1	29	1.0	1	2.31	.1	23	47	940	3.27	1	.05	6	.68	288	3	.09	20	610	31	1	3	23	1	.04	1 6	7.0	2	27	10
	J 1	0882	32-85.1	12.054.3	5 1.45 5 2.50	1	45 134	1.1	1	4.60	.1	23 26	47 181	4543	3.05 3.81	1	.12	22	2.69	375 241	6	.12	22 62	800 820	28 6	5	3	71 9	1	.07 .21	1 79	7.9 3.1	5 4	41 51	32 28
Ŷ	JI	1088	41-91.46	<u>ke</u> 3.0	2.01	1	48	1.3	1	4.23	.1	22	47	1780	3.97	1	. 15	15	1.33	477	3	.12	28	620 440	34 24	5	4	13 20	1	.11	1 90	B.7	3	49	14
S.	J 1	129	51-97.51	3.052.3	1.70	<u>-</u>	81	1.0	<u>1</u>	1.16	.1	21	51	936	3.27	1	.13	11	1.10	218	1	.08	24	540	19	1	3	1	1	. 18	1 110	).5 ).5	3 3	33	6
3	J 1	1397	56-100	7.65 1.1	1.13	1	55 34	1.1	5	1.63	.1	19 16	49 42	271	2.98	1	.08	9	1.13	266 201	22	.06	22	790 650	23 16	1	2	1	1	.13	1 93	3.9	3 3	53 10	2
100	J	15	6-101-3	6.0	2.44	į	167	1.2	j	2.33	ij	20	57	5368	3.31	ī	.39	20	1.63	306	Ĩ	.24	28	1620	15	4	ž	82 20	į	. 16	1 11	2.0	4	33	19
	J 1	16/% 17/m	2/-1974 2/-198	2451.5	2.12	1	200	1.0	11	2.35	.1	18	<u></u> 53	129	7 2.84	<u> </u>	. 39	20	1.55	331	<u> </u>	.21	21	1690	10	1	<u> </u>	<u>29</u> 19	1	. 17 . 16	1 120	1.9	3 4	5	2
	J	18/12	N-115.8	Doy 2.1	1.92	į	171	1.2	6	2.53		18	48	275	3.20	į	.36	19	1.71	352	i	.26	22	1850	10	į	ž	25	1	.16	1 12	3.4	24	4	3
	J 1 J 1	19 <u>/6</u> 20(84	85-1183 4-121:95	1495.4 34/2.1	1.80	1.	179	1.4	4	2.33	::	20 18	- 45	396	5.05	i	-40 -40	23	1.97	373	2	.13	23	1690	8	i	4	20	1	15	1 127	7.1	1 4	7	1
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COMP: INTERNATIONAL FOCUS RES INC. PROJ: JEAN 1995 P 407

ATTN: GARY SCHELL

### MIN-EN LABS — ICP REPORT 8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8 IEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5S-0153-RJ1+2 DATE: 95/11/16

\* rock \* (ACT:F31)

	ATTN: UAKT SCI	ICLL											004751	., 949	• •		04 /52	, 34L													UUK		(
	SAMPLE trom to NUMBER (m)	AG (m) PPM	AL X	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	۶E ۲	GA PPM	K X	L I PPM	MG X	MN PPM	MO	NA X	NI PPM	P PP <b>M</b>	PB PPM F	SB PPM	SN PP <b>m</b> F	SR PP <b>m</b> F	TH Ppm	T1 %	U PP <b>M</b>	V PP <b>M</b>	W PP <b>M</b>	ZN PPM	Au-fire 309 PPB
	J 121 <u>1195-125.00</u> J 122 <u>125-00-13805</u> J 1231 <u>26-05-18047</u> J 124 <u>130479-173.97</u> J 125135.57-174,57	3.051.7 1.051.6 2.44 .9 3.10 1.2 3.10 1.2	1.41 1.41 1.27 1.18 1.78	1 1 1 1	149 236 163 162 294	1.5 1.4 1.4 1.4 1.7	1 2 7 6 6	2.35 1.33 1.47 1.76 1.88	.1 .1 .1 .1 .1	20 21 16 19 19	31 48 51 45 70	759 590 151 206 432	3.87 4.13 3.98 4.01 4.16	1 1 1 1	.49 .58 .40 .34 .63	16 14 16 12 18	1.42 1.56 1.28 1.21 1.67	569 403 493 378 449	4 1 2 2	.11 .06 .09 .07 .12	24 26 22 26 29	1250 640 720 890 870	70 32 33 32 30	1 1 1 1	43444	26 1 5 34 31	1 1 1 1	. 12 . 15 . 13 . 11 . 16	1 1 1 1 1	106.9 128.0 119.9 121.9 132.0	2 2 3 3 4	48 49 57 43 61	13 3 5 1 2
	J 126 12.59-137-20 J 127 137-20-1407 J 128 140-75-1407 J 128 140-75-145-79 J 129 / 13-29-146-37 J 130 x6-34-149-39	04 2.0 301.3 304 1.0 3.05 .9 3.051.2	1.46 1.45 1.61 1.21 .95	1 1 1 1	262 171 130 211 261	1.4 1.2 1.5 1.3 1.4	1 6 2 5 3	1.18 1.87 2.05 1.70 2.34	.1 .1 .1 .1	22 17 17 17 17	54 52 55 64 56	1128 238 392 177 435	4.10 3.61 3.67 3.45 3.73	1 1 1 1	.45 .29 .24 .32 .38	16 16 17 12 7	1.50 1.33 1.33 1.26 1.43	351 424 446 435 544	6 3 4 3 1	.10 .10 .12 .10 .08	32 28 33 34 27	670 690 720 610 640	33 29 24 27 34	1 1 1 1	3 3 3 3 3 3 3	3 43 47 39 55	1 1 1 1	.14 .11 .09 .09 .09	1 · 1 1 1	114.1 92.5 100.2 86.3 87.4	33332	52 51 52 45 45	5 4 7 5 5
	J 131/49.98-62.4 J 132/52.44-65.4 J 133/55/6-1574 J 134/57.62-164 J 135/60.62-64.7	13-451.5 2-74 .9 2-44 1.7 3-45 2.7 3-46 2.8	.97 .89 1.91 2.28 2.33	1 1 1 1	236 201 202 132 171	1.3 1.3 1.8 2.1 1.6	1 2 1 1	1.78 2.04 3.39 5.39 2.78	.1 .1 .1 .1	16 16 22 24 24	70 46 74 172 197	603 273 1157 1888 1725	3.54 3.36 4.64 3.98 3.68	1 1 1 1	.39 .31 .39 .31 .41	8 7 12 21 22	1.29 1.22 1.66 2.72 3.31	452 478 661 722 477	3 1 5 2 53	.09 .07 .20 .10 .08	28 26 36 71 89	660 600 660 1110 1200	31 32 34 19 8	1 1 1 1	3 3 4 5 5	55 75 139 173 48	1 1 1 1	.10 .06 .09 .07 .15	1 1 1 1	89.5 83.3 128.8 113.0 108.4	32377	41 43 58 60 56	6 7 18 7 6
5-2	J 136/ <u>4/78-1649</u> J 137 <u>//4/95-6498</u> J 138/ <u>4/97-6695</u> J 139 <u>4635-67-66</u> J 140/67.68-6675	5.0.127.0 44447.9 4.128.0 2335.6 3.163.6	3.73 .51 3.21 2.53 2.04	1 297 1 1	191 39 194 153 123	2.7 3.6 2.3 1.5 1.4	1 360 1 1	4.81 2.20 2.63 2.20 2.37	.1 .1 .1 .1	26 29 26 18 17	305 75 268 147 155	8607 >10000 >10000 8916 4425	4.74 13.52 4.77 2.93 2.84	1 1 1 1	.68 .13 .59 .44 .26	40 4 27 17 14	5.36 .71 4.93 2.60 2.34	460 61 272 233 286	46 357 8 34 1	.10 .02 .11 .24 .16	113 116 116 74 79	930 3670 940 1390 1430	1 261 1 1 6 13	4 07 8 7 3	7 16 5 4 1 3	33 1 32 28 72	1 . 1 . 1 . 1 .	.12 .01 .18 .12 .12	1 1 1 1 1 1	169.8 37.5 156.7 90.4 91.3	10 14 10 8 8	83 135 70 50 46	17 278 19 15 8
0 C HOQ	J 141 <u>R0.73-773-78</u> J 142/ <u>73-76-88-83</u> J 1437 <u>R6-83-794.65</u> J 1447 <u>29-86-769</u> J 145762-93-1655	3456.7 3452.3 3452.3 3452.1 2154.2	2.02 3.41 3.41 3.49 3.32	1 1 1 1	271 400 280 485 253	1.5 1.6 1.9 1.7 1.6	1 2 1 1	1.61 2.48 4.52 2.04 3.97	.1 .1 .1 .1	23 26 25 22 22	141 229 182 188 147	8430 617 2428 563 6745	3.95 3.68 3.67 3.09 3.35	1 1 1 1	.95 1.38 1.00 1.26 .97	21 21 14 16 18	3.00 3.96 3.10 3.21 2.43	285 558 675 324 396	116 1 1 2	.09 .19 .22 .32 .36	63 99 106 84 92	1560 1110 1060 1120 960	38 6 36 1 14	1 4 1 11	5 4 5 4 1 4	1 52 08 00 19	1 . 1 . 1 . 1 .	25 18 11 15 09	1 1 1 1 1	141.4 95.5 79.5 81.2 61.3	7 8 8 7 9	49 55 60 55 62	10 2 5 3 2
	J 146/ <u>85.22-186-13</u> J 147 <u>/86-13-189.00</u> J 148 <u>187-02-1920</u> J 149/9 <u>72-04-193-88</u> J 150/93-58-19512	ag11.7 2892.6 2052.8 1572.0	2.59 2.52 2.66 1.88 2.13	78 1 1 1	166 262 397 457 246	2.0 1.2 1.4 1.2 1.8	1 1 6 1	4.12 2.17 1.79 1.19 2.47	.1 .1 .1 .1	26 17 20 20 25	207 128 190 159 189	>10000 2415 1635 481 >10000	4.54 2.26 2.85 2.66 4.71	1 1 1 1	.77 .57 1.11 1.01 1.44	24 14 18 16 20	2.96 2.19 2.87 2.42 2.79	497 256 288 237 344	1 3 1 3 115	.14 .28 .21 .14 .08	101 58 79 65 74	1080 1050 880 1100 1110	49 2 5 3 42	30 7 3 1 14	6 1 2 1 2 2 6	34 11 64 27 3	1 . 1 . 1 . 1 .	09 11 18 17 20	1 1 1 1 1	98.8 64.8 83.2 80.3 09.4	10 7 9 8 21	326 42 47 39 51	17 1 5 18
	J 151/ <del>%.0./%8//</del> J 152 <u>/%8//-2000</u> J 1532 <u>00.00-2013</u> J 1542 <u>0127-2973</u> J 1552 <i>04-27-2973</i>	145 5.2 183 4.1 123 2.0 120 1.3 1.4	2.27 2.09 1.43 1.23 1.35	1 1 1 1	223 191 477 125 220	1.7 1.3 1.0 .8 .9	1 10 6 6	2.77 2.22 1.22 1.74 1.66	.1 .1 .1 .1	23 18 19 12 14	184 145 131 82 86	7856 4144 167 193 249	3.55 2.60 2.63 1.62 1.80	1 1 1 1	.93 .55 .94 .23 .41	19 18 15 8 8	2.76 1.97 1.95 1.13 1.29	239 216 260 264 251	26 1 1 1	.11 .21 .10 .23 .21	69 63 57 38 45	1060 1130 1210 1320 1350	16 -11 11 8 11	6 4 1 1	322222	29 65 57 67	1 . 1 . 1 . 1 .	18 16 19 09 11	1 1 1 1 1	17.2 77.1 75.8 49.7 52.6	10 9 7 5 5	44 45 46 32 34	13 15 1 1
	J 156207.22-26.77 J 1572/037-213-1/2 J 1582/342-214.44 J 159216-46-249-57 J 160249-51-222.52	2.2 3.0 3.0 3.0 2.3 3.0 2.0 2.0 2.0 2.4	1.62 1.76 2.46 2.70 3.91	1 1 1 1	655 269 642 589 753	1.2 1.2 1.2 1.2 1.5	14 1 11 11 15	1.11 1.65 1.76 1.66 2.08	.1 .1 .1 .1	20 22 21 20 21	108 116 172 168 210	62 2131 163 95 20	2.96 2.50 2.81 2.62 3.18	1 1 1 1	.93 .54 .86 .86 1.36	16 15 15 17 24	1.93 1.71 2.32 2.20 2.73	295 290 295 242 269	1 1 1 1	.11 .20 .21 .32 .42	54 75 72 74 71	1160 1130 990 890 750	15 18 6 5 1	1 1 2 2 6	2 3 2 2 1 3	3 55 72 16 39	1 . 1 . 1 . 1 .	23 14 20 18 21	1 1 1 1 1 1	91.9 63.5 91.3 88.7 23.6	6 6 8 9 11	51 57 57 56 71	1 41 1 1
	J 161222.57-725.4 J 1627 <u>25.4</u> -228.4 J 163728.4-2014 J 1642 <u>31.711-73774</u> J 16573774-7378	135 3.55 2.0 1.05 1.8 3.05 1.8 3.05 1.8 3.05 1.8	1.88 1.14 .96 .97 .67	1 1 1 1	428 630 277 275 58	1.2 1.1 1.0 1.1 .9	11 12 6 7	1.68 .85 1.14 1.20 2.12	.1 .1 .1 .1	20 17 14 15 14	136 54 46 45 43	195 244 595 402 148	3.00 2.87 2.42 2.48 1.78	1 1 1 1	.77 .84 .49 .41 .15	17 15 13 11 6	2.08 1.44 1.35 1.33 .66	376 305 305 332 279	1 1 1 2	.19 .06 .09 .08 .05	58 26 23 25 17	1200 1260 1240 1250 850	13 21 15 18 21	1 1 1 1	3 2 2 1 1	66 3 15 15 25	1 . 1 . 1 . 1 .	18 23 15 17 05	1 1 1 1 1	94.0 07.9 82.9 83.1 38.6	74332	55 50 41 47 33	1 1 3 1 2
- <u>-</u> -	J 166 <u>277-81-270</u> J 168 <u>(+)-915</u> J 169 <u>915-12-20</u>	2 <sup>-#</sup> 1.8 3.053.1 3.052.6	2.11 2.93 3.24	1 1 1	540 616 335	1.4 1.6 1.5	11 1 10	1.98 1.02 2.41	.1 .1 .1	20 28 22	126 285 224	148 1332 208	3.41 3.70 2.95	1 1 1	1.13 2.13 .87	19 27 26	2.30 4.10 3.26	448 265 245	1 1 4	.20 .10 .13	53 142 103	1030 750 810	10 1 1	1 1 2	4 5 3 1	77 1 84	1 . 1 . 1 .	17 25 19	1 1 1 1 1	12.3 26.9 95.8	6 13 10	64 55 53	1 6 1
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### COMP: INTERNATIONAL FOCUS RES INC.

# PROJ: JEAN 1995 PSA7 ATTN: GARY SCHELL

# MIN-EN LABS - ICP REPORT 8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8 TEL:(604)327-3436 FAX:(604)327-3423

#### FILE NO: 58-0153-RJ3+4 .

DATE: 95/11/16

\* \* (ACT:F31)

SAMPLE TO TO	AG m)PPM	AL %	AS PPM	BA PPM	BE PPM	B I PPM	CA %	CD PPM	CO PPM	CR PPM	CU FE PPM %	GA PPM	K %	LI PPM	MG %	MN PPM	MO	NA %	NI PPM	P PPM	PB PPM	SB PPM F	SN S PPM PI	SR PM P	TH TI PM %	U PPM	V PPM	₩ PPM	ZN AL PPM 30	I-fire
 J 1701220-1524 J 171 <u>1524-1524</u> J 172 <u>1524-1529</u> J 172 <u>1529-2134</u> J 173 <u>2154-2438</u> J 174 <u>2439-37-44</u>	3.042.0 3.052.8 3.052.5 3.052.0 3.052.0	3.65 2.09 2.83 1.69 1.11	1 1 1 1	174 563 526 320 207	1.0 1.2 1.5 1.1 .9	8 4 16 1 13 1 10 1 10 1	.47 .18 .90 .62 .49	.1 .1 .1 .1	12 26 24 17 15	103 244 237 89 52	220 1.78 11 3.47 77 3.50 145 2.88 92 2.49	1 1 1 2	.44 1.26 1.27 .66 .35	15 1 44 2 43 2 25 1 24 1	.44 .86 .92 .78 .36	196 254 284 301 289	2 1 1 1 1	.28 .07 .16 .13 .08	46 87 97 38 23	1060 990 770 1370 1470	1 9 1 15 19	10 1 2 1 1	1 2 2 4 2 2	46 1 76 42 35	1 .09 1 .26 1 .20 1 .17 1 .15	1 1 1 1	50.9 134.0 102.2 77.1 70.9	6 12 11 5 3	45 48 55 41 37	3 2 2 14 6
J 175 2744-3649 J 176 3249-3354 J 177 3234-3559 J 178 32.59-39.64 J 178 32.59-39.64 J 179 39.64-12-68	3.051.6 3.051.8 3.052.2 3.052.5 3.052.3	1.05 1.19 1.96 2.38 1.76	1 1 1 1	129 175 451 454 413	.9 .9 1.2 1.3 1.3	8 1 8 1 12 1 14 1 11 1	.76 .53 .24 .62 .35	.1 .1 .1 .1	12 14 21 23 20	46 60 141 183 142	116 2.21 179 2.30 46 3.12 20 3.33 175 3.40	1 1 1 1	.24 .33 1.08 1.40 .97	19 1 22 1 24 2 32 2 20 2	.14 .37 .30 .66 .37	251 246 260 279 305	1 1 1 1	.09 .07 .11 .18 .07	23 29 67 78 62	1540 1480 990 890 1220	18 14 13 3 15	1 1 1 1	1 2 4 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	57 48 42 86 12	1 .11 1 .14 1 .21 1 .22 1 .20	1 1 1 1	60.3 71.3 102.7 115.5 115.9	3 3 7 8 6	33 35 44 50 51	8 12 1 2 4
J 180 <u>1248-487</u> J 181 <u>1573-4878</u> J 1824 <u>8-78-57-58</u> J 183 <u>5/88-57-58</u> J 184 <u>57:66</u> -57-58	3051.7 3052.7 3052.0 2051.5 3052.4	1.02 1.40 1.15 .98 2.23	1 1 1 1	157 356 126 164 423	1.0 1.2 1.0 .9 1.0	7 1 16 1 8 1 9 1 15 1	.35 .48 .62 .61 .31	.1 .1 .1 .1	14 19 12 10 22	51 63 97 87 177	197 2.04 94 3.20 223 2.13 17 1.84 14 3.10	2 1 2 2 1	.25 .56 .25 .45 1.14	19 1 24 1 16 1 19 1 46 2	.06 .77 .29 .14 .58	181 275 179 161 250	1 20 23 1	.10 .07 .09 .10 .15	26 27 33 30 66	1720 1830 1230 1200 970	16 23 18 18 1	1 1 1 1	1 4 2 7 1 4 1 3	46 21 43 37 47	1 .14 1 .23 13 .14 13 .11 1 .25	1 1 1 1	61.3 110.8 76.3 70.9 121.1	3 4 5 5 8	26 39 37 32 51	13 4 4 3 4
J 185 <u>5793409</u> J 186 <u>60.98-6946</u> J 187 <u>670-07.04</u> J 188 <u>67.07-70.11</u> J 1897017-73.17	2.1 201.7 302.2 202.0 2002.0 2002.0	1.20 1.00 .97 1.07 1.07	1 1 1 1	246 202 53 60 103	1.1 .9 1.0 .9 .9	13 1 11 1 1 3 1 2 9 1	.34 .21 .69 .06 .79	.1 .1 .1 .1 .1	20 14 14 9 12	69 52 47 38 44	135 3.03 76 2.35 1625 2.22 1822 1.94 88 2.11	1 1 3 2 2	.54 .36 .12 .12 .15	32 1 26 1 11 1 13 15 1	.55 .28 .13 .97 .06	259 211 290 236 268	1 2 3 1	.07 .08 .10 .11 .11	32 28 23 15 20	1860 1640 1610 1580 1510	21 16 21 21 15	1 1 2 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	18 21 50 55 55	1 .18 1 .16 1 .09 1 .09 1 .11	1 1 1 1	96.2 69.9 59.2 54.9 55.5	3 3 2 3 2 3	35 28 27 27 27 29	7 2 8 9 7
J 19073/7-762 J 1917642277 J 1927729-6232 J 1936232-8577 J 1948537-684	7.451.9 7.452.5 7.452.4 7.452.4 7.452.6 7.451.9	1.33 2.22 2.03 1.39 1.52	1 1 1 1	122 571 410 151 276	1.0 1.5 1.5 1.0 1.1	11 2 16 1 13 1 13 1 14 1	2.38 .05 .94 .81 .45	.1 .1 .1 .1 .1	15 27 24 24 18	63 264 194 86 146	64 2.62 12 3.86 28 3.65 196 3.21 42 2.77	1 1 1 1	.19 1.36 .84 .39 .49	18 1 32 3 25 2 17 1 21 1	.35 .17 .84 .75 .91	327 364 452 298 270	1 1 1 13	.09 .05 .07 .09 .10	30 96 81 41 56	1500 1040 1000 1040 960	18 12 10 22 13	1 1 1 1	2 1 4 2 3 2 1	17 1 22 4 18	1 .15 1 .24 1 .21 1 .19 1 .21	1 1 1 1	73.3 118.1 105.9 88.6 92.1	4 12 8 4 7	37 64 56 40 47	5 1 6 5
J 195 <u>88.*******</u> J 196 <u>91.*******</u> J 197 <u>9**51-97.9</u> J 198 <u>93.5******</u> J 198 <u>93.5******</u> J 199 <i>1</i> 054-****	3.02.3 3.02.0 2.0 2.0 2.0 3.0 2.0	1.58 .81 1.40 1.35 1.25	1 4 1 1	434 158 136 508 531	1.0 .8 1.3 .9 .6	16 1 11 1 5 2 14 1 13 1	.12 .32 .63 .03 .03	.1 .1 .1 .1 .1	20 12 24 16 15	194 85 144 108 87	10 2.97 38 1.98 554 3.01 28 2.42 61 2.17	1 2 1 1	.80 .31 .41 .78 .65	22 2 9 1 19 1 20 1 18 1	.13 .10 .78 .54 .31	270 170 260 212 207	4 1 1 1	.08 .07 .09 .10 .12	60 36 63 41 36	1060 1190 1090 980 930	12 17 27 12 15	. 1 1 1 1	2 1 1 2 3 1 2 2 1 4	10 22 16 24	1 .25 3 .13 1 .15 1 .21 1 .20	1 1 1 1	110.4 64.5 82.4 83.7 80.0	10 5 7 5 6	57 39 44 47 50	4 3 6 4 5
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J 210 <sup>134</sup> -56-177-2 J 2111 <u>37-20-1403</u> J 212 14034-14/7 E-0.14.	201.6 23991.4 1.4 1.53	1.43 1.26 1.39	1 1 1	330 187 166	.7 .9 .7	11 1 8 1 7 3	.48 .88 .75	.1 .1 .1	14 13 10	84 57 52	55 2.00 94 2.10 33 1.90	1 1 1	.37 .22 .18	15 1 15 1 11 1	.15 .23 .25	215 319 372	432	.16 .14 .20	34 31 22 1	900 880 1000	11 17 15	1 1 1	1 9 2 10 2 15	5 13 2	1 .17 1 .13 1 .10	1 1 1	69.6 58.9 49.6	5 3 3	42 44 39	4 8 3
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J 319 <u>70-12-71.14</u> J 320 <i>73.17-76-2</i>	2.6 2.55 23.052.7 2.85	i 1	332 498	1.6	13 4.7	1 .1 6 .1	22 24	175 214	57 3	5.48 4.12	1 .58 1 .80	15 17	2.70	556 536	1	.16	65 940 71 970	17	3	3 76 3 43	1 .15 1 .20	1 112.2	8 10	64 4 79 2
J 321 <u>74 12-79.2</u> J 322 <u>7427-80.3/</u>	$\frac{77.05}{3.1}$ 1.68 $\frac{309}{2.4}$ 2.49	1	389 476	1.2	1 1.7	3.1	18 22 17	105 173	1771 2 372 3	2.81	1.58	12 14	1.74	251 442 263	85 2	.10	40 1120	19 15	231	3 12 3 38	1.16	1 86.9	9 8 7	39 9 64 2
J 32485-37-88.12-944	20-05 2.1 1.12 63-07 .6 .57	1	286 60	1.0 .5	1 1.3	2.1 4.1	12	79 56	1262 2	2.06	1 .62	13	1.52	281 169	3	.09 .08	36 1490 29 1450	15 12	1	2 7	1.11	1 47.9	5	44 39 7 24 4
J 32691769157 J 3279457-97-9	1.05 2.4 2.16 3.05 2.1 1.57	1	417 327	1.3	1 1.3	9.1	20 18	136 123	1796 3 685 3	5.43 5.05	1 1.19	18 16	2.07	284 259	3	.21	44 1250 41 1160	9 16	1	3 12 3 1	1 .21	1 120.1	7	45 15 37 6
J 329 100 4- 10341 J 329 100 4- 10341 J 330 103 40-105	1.42.1 2.39 5.02.0 2.73 13.051.6 2.14	1	212 153 263	1.5 1.3 1.1	4 3.1 5 4.4 4 1.8	9 .1 9 .1 1 .1	20 17 13	87 62	495 2 298 2	2.79	1 .49 1 .31 1 .59	11	1.45	405 321 217	3	.16 .25 .28	48 1010 38 700 36 1090	15 11	1 6 1	3 33 2 54 2 133	1 .17 1 .12 1 .09	1 100.0 1 87.9 1 56.8	6 6 3	52 5 47 4 37 11
J 331 40-74-109-74 J 332 109-76-112	(3-5 2.3 1.64 (1.8 2.61	1	48 36	1.3	1 4.6	4 .1 8 .1	17 23	37 38	1920 3 479 4	.29	1 .09 2 .13	8 10	1.25	496 594	3 4 2	.16	21 610 27 550	33 43	2	3 49 4 75	1 .06	1 84.8	2	46 18 60 10
J 334 <u>115-85-48</u> J 335 <u>118-85-48</u> J 335 <u>118-90-121</u>	$\frac{(1.0)}{(3.0)}$ 1.6 2.18 $\frac{(1.0)}{(3.0)}$ 1.6 2.32 $\frac{(1.0)}{(3.0)}$ 2.1 2.77	· 1	50 134 267	1.4 1.2 1.3	2 5.5 4 2.3 1 2.1	3 .1 5 .1 9 .1	20 19 22	121 147 170	272 733	2.74	1.19	23 20	1.71 2.41 2.59	291 303	3	.27 .18 .29	73 950 79 990	25 4 10	2 1 1	4 111 3 45 3 47	1 .07 1 .11 1 .16	1 96.0 1 74.7 1 87.4	6 6 7	44 5 45 2 56 4
J 336121.95-126 J 337125-10-128	3 1.9 2.92 5 1.8 2.45	1	148 161	1.2	7 3.2 8 2.3	7.1	22 21	156 170	281 2 185 3	. 18	1 .47	18 16	2.34	277 263	3	.31	83 940 76 990	2 11	2	3 125 2 35	1 .14	1 74.0	7	49 5 49 3
J 338 <u>78-65-7449</u> J 339 <u>111-10-134</u> J 340 <i>11</i> 2-132	805 1.9 2.28 526 1.8 1.53 1.75	1	169 41 49	1.4 1.7 1.5	1 2.1	9 .1 4 .1 9 .1	22 31 27	162 55 40	280 3 826 4 7394 4	.67	1 .55	21 10 8	2.41	415 826	1 2 28	.13 .09 .08	43 500 35 490	45	1 1 10	3 9 3 71	1 .16 1 .11 1 .05	1 102.5 1 120.3 1 88.5	8 3 12	48 5 54 15 58 38
J 341137.20-140 J 342140244431	91 1.7 1.82 91 5.7 1.65	1	86 38	1.4	1 4.5	0.1	21 24	107 37	994 3 8189 3	.47	1 .27	76	1.55	610 312	3 100	.09	56 720 27 710	32 41	27	3 72 3 77	1.08	1 89.9	6	55 9 55 41
J 343 <u>M3.24-196</u> J 344 <u>196.37-196.37</u> J 345 NO VC 10-10-10	$\frac{342}{1.9}$ 1.9 1.89	1	41 33 48	1.2 1.1 1.1	1 4.4 1 2.1 1 2.7	9 .1 8 .1 8 .1	23 17 20	36 28 39	1116 3 1789 2 798 3	.22	1 .07 2 .07 1 .13	9 7 8	1.13 .89 1.13	363 261 378	672	.14 .15 .16	23 520 17 550 23 550	32 28 29	5 1 1	3 87 2 95 3 76	1.07 1.04 1.05	1 89.9 1 59.2 1 86 9	3	4 11 37 18
J 346K2 W-155 J 347 155 W-155	6 <sup>9</sup> 1.3 1.31	1	37 82	1.2	6 1.6 7 2.3	2.1	20 20	28 40	292 3 542 3	.44	1 .06	9 15	1.10	335 379	36	.14	23 540 25 2010	30 24	1	2 38 2 21	1.10	1 103.3	2 3	58 5 48 3
J 348 <u>158.57-16</u>	305 2.7 1.79	1	155	1.2	1 1.9	1.1	19	42	1451 3	.39	1.39	13	1.45	304	35	.20	25 1820	23	1	36	1.18	1 127.6	3 4	9 7
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J 353 171.74-74-8 J 354174-63-77.8 J 355149.84-929 J 355 <u>149.84-929</u> J 355 <u>149.84-929</u> J 355 <u>182.97-766</u> J 357 <u>186.40-683</u> J 358168-71-724	2.3 2. 3.452.1 3. 3.451.5 1. 0.142.2 1. 1.471.6 1.341.9 1.	.35 .13 .95 .98 .69 .84	1 1 1 1 1 1	170 258 104 107 32 94	1.5 1.4 .9 1.2 .8 1.0	11 9 8 1 1	1.95 2.34 2.09 1.99 1.71 4.40	.1 .1 .1 .1 .1	23 22 17 20 11 14	213 224 103 134 52 64	68 51 122 822 760 781	3.11 2.97 2.10 2.59 1.52 2.02	1 1 1 2 1	.28 .50 .16 .20 .09 .17	22 22 16 21 5 10	3.23 3.31 1.79 2.50 1.00 1.36	279 260 215 297 120 353	1 1 1 2 2	.12 .45 .31 .18 .08 .22	103 103 67 67 13 49	1390 1060 1340 1310 1310 1120 1400	2 1 7 4 13 12	1 1 1 1 1 4	3 3 2 4 2 2 2	1 65 87 89 36 1 07	1 .18 1 .17 1 .10 1 .12 6 .08 1 .06	1	85.2 86.7 58.3 75.2 44.4 42.9	8 4 5 2 3	51 54 38 45 25 52	1
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### APPENDIX 3

### 1995 GEOPHYSICAL REPORT

### A. Scott LOGISTICAL REPORT INDUCED POLARIZATION/RESISTIVITY SURVEY JEAN PROPERTY SEPT. 14, 1995

### LOGISTICAL REPORT

### INDUCED POLARIZATION/RESISTIVITY SURVEY

JEAN PROPERTY

FORT ST. JAMES AREA

BRITISH COLUMBIA

on behalf of

INTL. FOCUS RES. INC. 1840 - 777 Dunsmuir Street Vancouver, B.C. V7Y 1G6

### Field work completed: August 28 to September 8, 1995

by

Alan Scott, Geophysicist SCOTT GEOPHYSICS LTD. 4013 West 14th Avenue Vancouver, B.C. V6R 2X3

September 14, 1995

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1	Introduction	1
2	Survey coverage and data presentation	1
3	Personnel	1
4	Instrumentation	2
5	Recommendations	2

Appendix

Statement of Qualifications

1

rear of report

Maps and Materials included in body of report

Chargeability/resistivity pseudosections	map pocket	1
One (1) floppy disk with all final survey data	map pocket	2

Accompanying Maps (1:5000 scale) (vellum originals, three blackline copies of each)

Chargeability/resistivity pseudosections – Lines 80E to 104E	map	roll
Chargeability/resistivity pseudosections – Lines 24E to 0E	map	roll
Chargeability/resistivity pseudosections – Lines 8W to 32W	map	roll
Chargeability contour plan - second separation	map	roll
Resistivity contour plan - second separation	map	roll

### 1. INTRODUCTION

Induced polarization/resistivity surveys (IP survey) were performed over portions of the Jean Property, Fort St. James Area, B.C, within the period August 28 to September 8, 1995. The survey was conducted by Scott Geophysics Ltd. on behalf of Intl. Focus Res. Inc.

The pole dipole array was used on the survey, with an electrode spacing ("a" spacing) of 100 metres and at current pole to receiver dipole separations of 1 to 4 ("n"=1-4). The online current electrode was to the south of the receiving electrodes on lines OE, 8W, 16W, 24W, and 32W; and to the north of the receiving electrodes on lines 16E, 24E, 80E, and 104E.

This report describes the instrumentation and procedures, and presents the results of the survey.

### 2. SURVEY COVERAGE AND DATA PRESENTATION

A total of 24.9 line kms of IP survey were completed on the Jean Property. The chargeability and resistivity results are presented in standard pseudosection format and as contour plans for the second separation values. The legends give details of the form of presentation and contour intervals for each respective plot.

The line numbering for this survey retained the preexisting imperial units of the old grid, but the station numbering is in metres south of the old baseline. Lines 80E and 104E, however, are reconnaisance lines and are not referenced to that preexisting grid.

The floppy disk at the rear of this report contains edited ASCII format files of all survey data.

#### 3. PERSONNEL

Dominique Berube, geophysicist, was the party chief on the survey on behalf of Scott Geophysics. Ragnar Bruaset, geologist, was the representative on behalf of Intl. Focus. 4. INSTRUMENTATION

A Scintrex IPR12 receiver and TSQ3 (3.0 kw) transmitter were used on the IP survey. Readings were taken in the time domain using a 2 second current pulse (0.125 Hz).

The chargeability plotted on the accompanying pseudosections and plan maps is for the interval 120 to 1020 milliseconds after shutoff.

### 5. RECOMMENDATIONS

The IP survey at the Jean Property detected areas of moderate to strong chargeability responses which merit additional evaluation.

A detailed interpretation of these results, and correlation to geological and geochemical data, is required before any specific recommendations could be made.

Respectfully Submitted,

Alan Scott, P. Geos.







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ALC: NO 적용 승규는 전쟁 방법을 위한 것이 있는 것을 하는 것이다. 1000W 1000E 0 24E 32E +++++ 16E 0 32W õ +242 +332 + 398 +330 +346 + 282 +280 +256 200 +260 --- 300 + 256 +336 +314 +214 +216 - 500 +498 +428 +376 + 358 **+ 2**52 +386 +306 300 -+624 +662 +744 +438 + 442 +404 +266 - 500 +554 +764 +718 +718 +662 +702 +278 +594 50 +962 +562 +44B +762 + 404 + 582 +438 +830 +7.14 + 380 +`\$26 +1148 +768 +1128 429 +532 750 ۰, + 1066 +878 **+596** ++952 +372 500 1000S (+1158 + 524 +562 + 1914 + 1085 + 328 +276 +840 750-+708 974 + 620 +614 +302 **≠**310 +1282 +704 + 758 + 606 + 992 1772 +402 + 640 +542 +644 £ +273 +316 +668 **1**528 5 ۲ + 1988 +624 +888 +440 + 392 + 336 + 582 +1340 +886 750 +408 + 366 \ - 750 +670 +1386 }+718 +436 +250 +396 + 306 +624 +916 +584 750 ----+492 + 324 +426 + 572 +556 +384 1.5 +186 +468 +884 +316 +596 +436 +354 2000S ++312 +296 + 336 + 342 + 398 +522 +264 +444 +364 + 382 +698 +8)2 +330 +257 + 348 + 450 \$00\_+516 +562 +276 +286 +340 300-292 · . ' +414 +426 +408 +252 +242 +234 +296 + 396 +314-+202 +256 +214 +302 + 374 +214 +240 +300 +230 + 422 +264 +164 +212 +252 + 366 + 166 +212 +274 +224 -+ 194 200 ----+286 +280 3000S 159,170 + 260 +252 **O**<sup>556</sup> too +214 +144 +242 **4**98 + 498 +432 +2 🗞 +286 +456 +208 +368 +220 +220 +242 +258 + 264 +112 +268 +216 + 228 +32 +228 +256 +5 +272 - 200 190 7128 + 124 4000S + +240 G214 150 + (\* 32 5000S + 1000W 1000E .



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485 445 180 455 432 214 180 323 187 194 197 141 176	$     \begin{array}{ccccccccccccccccccccccccccccccccc$	773 613 620 368 <del>497</del> 555 263 348 211 188 187 <del>13</del> 1	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		JEAN PROPERTY, FORT ST. JAMES AREA, B.C. LINE: 32W INDUCED POLARIZATION SURVEY (Pole-Dipole Array) SCOTT GEOPHYSICS LTD. Scintrex IPR12 Sept/95 Pulse Rate: 2 sec current electrode is south of receiving electrodes (array heading north) Mx chargeability is for the interval 120 - 1020 msecs after shutoff
197 143 147 114 149 114	os 2900s 7.1 7.2 7.9 8.6 7.9 8.6	266 <u>194</u> 218 218 225 218 222	OS 2900S 4.1 4.4 4.3 5.9 6.4		0 100 200 400 600 METERS
110 18 182 186 196	2800S 2 8.4 7. 8.4 8.2 8.4 8.5 8.5 2800S 2	132 1 165 215 20 246	2800S 2 6.3 6.2 5. 7.0 7.0 6.2		RESISTIVITY CHARGEABILITY (ohm-metres) (Mx - mV/Volt)
80 185 212 313 313	2700S 260 8.9 15.3 5 15.3 2700S 260	10 179 164 179 249 227	2700S 260 9 7.3 9.5 7.6 9.5		
285 300 21 219 22	pos 25000 13.9 12.9 13.9 13. 13.9 24	240 252 240 25 205 18	22.5 25000 32.5 300		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
222 13 233 233 34 200	5 2400S 5 2400S	252 252 205 205 209 37 209	34.7 34.7 31.8 30.0 23.4		14.4 21.8 230 230 256
400 26 276 29 209 209	2300S 2 2300S 2 2300S 2 2300S 2	315 315 340 324 324	2300S 2 34:8 46. 23.5 26. 22.0 22.0		2300S 27.5 2300S 209 209 209 209 209 209 209 209 209 209
330 406 330 324 324	2005 210 28.4 2 31.1 2 2005 210	9 529 599 529 351 285	2005 210 4 42.9 4 42.9 21.9 2	INTL. FOCUS RES. INC.	2200S 210 21.6 21.6 23.3 23.3 23.3 252 252 254 251
443 443 328 443 43	os 2000s 30.6 28.3 28.3 28.3 2000s	4113 401 288 333 63	Solos Solos Solos	JEAN PROPERTY, FORT ST. JAMES AREA, B.C. LINE: 24W INDUCED POLARIZATION SURVEY (Pole-Dipole Array)	21.7 2000 21.7 2000 21.7 20 21.7 20 21.7 20 21.7 20 21.7 20 2000 21.7 20 2000 2000 2000 2000 2000 2000 2000
336 5 1 467 2 445 3	1900S	425 686 270 4	19005 19005	SCOTT GEOPHYSICS LTD. Sept/95 Current electrode is south of receiving electrodes (array heading north) Mx chargegbility is for the interval 120 - 1020 masses after shutoff	1900S 1900S 1900S 1900S 1900S
62 491 314 314	1800S 17 4.0 19.3 4.2 21.7 20.6 1800S 17	94 392 283 283		0 100 200 400 600	1800S 17 3.5 1800S 17 3.9 1800S 17 426 716 268 305 268 305
412 396 61 532 532 2	005 1600 20.5 177 137 15	531 494 60	$rac{1}{13.7}$ 1000 16000	METERS RESISTIVITY CHARGEABILITY	700S 1600 435 4 385 5.4 5.4 6.7 7 700S 1600 5.4 6.7 7 700S 1600 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4
839 261 261	5 1500S 5 1500S	424 55, 466 39 332	5 1500S	(ohm-metres) (Mx - mV/Volt) $\vec{0}$ $\vec{0}$	81 640
275 32 272 33 306 33 385	6.2 6. 9.2 1. 13.4 1.	283	14005 1 9.3 6.7 6.1 10.2 8.6		1400S 1400S 9.7 9.3 9.3 9.3 9.3 607 607 526 526
7 205 401 2 508 474	300S 120 300S 120 300S 120	4 74 585 120	3005 120 9.1 15.2 12.7 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	1300S 12 5.9 992 992 640	9 1300S 120 9 9 4 9 9 4 9 8.9 4 605 120 605 120 629 622
301 27 316 72	05 1100S 2.5 11.6 2.5 13.6 05 1100S	607 607 510 607	0S 1100S 1.7 14.2 14.8 14.8 12.6	99.00S 1100S 99.00S 1100S 112.6 11.2 346 325 346 32 569 71	941 89 941 89
613 778 778	1000S	438 4 407 438 4 1212	10000S	3 10COS	1000S 1000S 1000S 1000S 1000S 1000S 1000S 1000S 1000S 1000S
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480 3 <sup>4</sup> 508 438 526	500S 12.2 12 14.1 13.7 500S	666 656 566 566 566	5005 10.9 14.6 14.6	500S 500S 500S 624 624 682 625 625	500S 500S 500S 500S 500S 500S 500S 500S
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GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT



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