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MINING ENGINEERING

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9/88

LOG NO: 1221 RD.
ACTION:

FILE NO: 87-924-16661

GEOCHEMICAL and GEOPHYSICAL REPORT

on the

LODE I–IV CLAIMS

Similkameen Mining Division - British Columbia

Lat. 49° 29' 35" N. Long. 120° ~~50' W.~~ 51'18"

N.T.S. 92 H/7W, ~~10W~~

for

Owner: INTER CANADIAN DEVELOPMENT CORP.

Operator: David Stewart

by

D. G. Allen, P.Eng.

December 14, 1987

Vancouver, B.C.

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SUMMARY

Inter Canadian Development Corp. holds title to the LODE I, III and IV claims (58 units), and has a 90% interest in the LODE II (20 units) claim in the Tulameen River area of British Columbia. The properties are situated 9 kilometres west of Tulameen and 27 kilometres northwest of Princeton.

Principal lithologies in the claim area are the Nicola Group metavolcanic and metasedimentary rocks along the western margin of LODE I and LODE II and the Tulameen basic to ultramafic complex underlying the remainder of the claim group. Potential mineral targets are copper/gold deposits in alkalic porphyries, similar to the Copper Mountain Intrusion, associated with the basic units of the Tulameen Complex and platinum/nickel/chromite or massive iron deposits in the ultramafic members of the Complex.

A reconnaissance program undertaken comprised of soil sampling, magnetometer and surveys on seven lines positioned to intersect the major geological units.

Enriched copper (up to 535 parts per million) and chromium (up to 180 parts per million) values appear to reflect some of the units of the Tulameen Complex. Scattered gold, (up to 152 parts per billion), platinum (up to 63 parts per billion) and palladium anomalies (up to 60 parts per billion) occur in the grid area and warrant follow-up. An expanded geological, geophysical and geochemical program is recommended to properly assess the claims.

CONCLUSION

The utilization of geochemistry and geophysics in regions of complete overburden cover has greatly aided in defining geological contacts and areas of interest over the major rock units. Three potential target types have been identified:

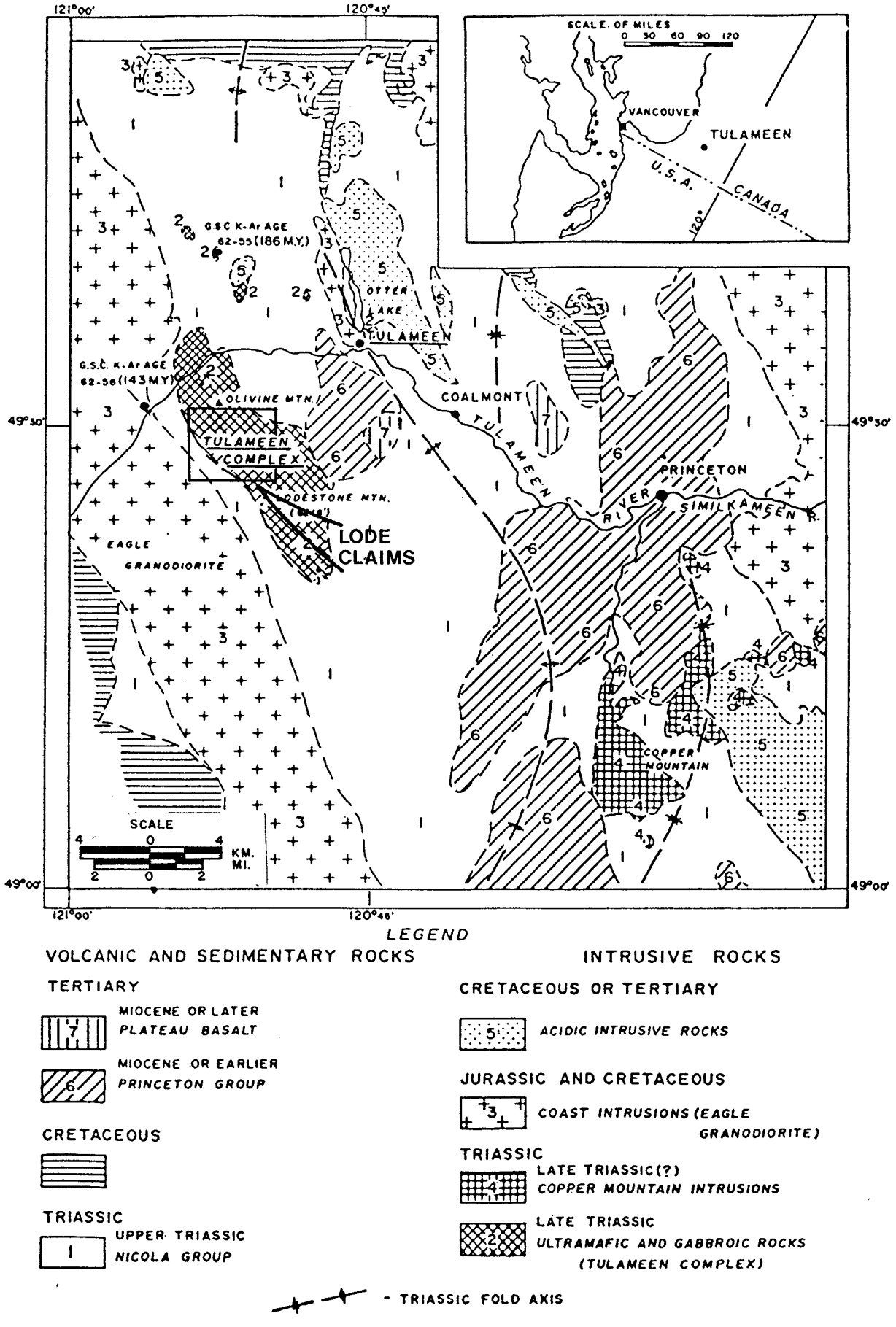
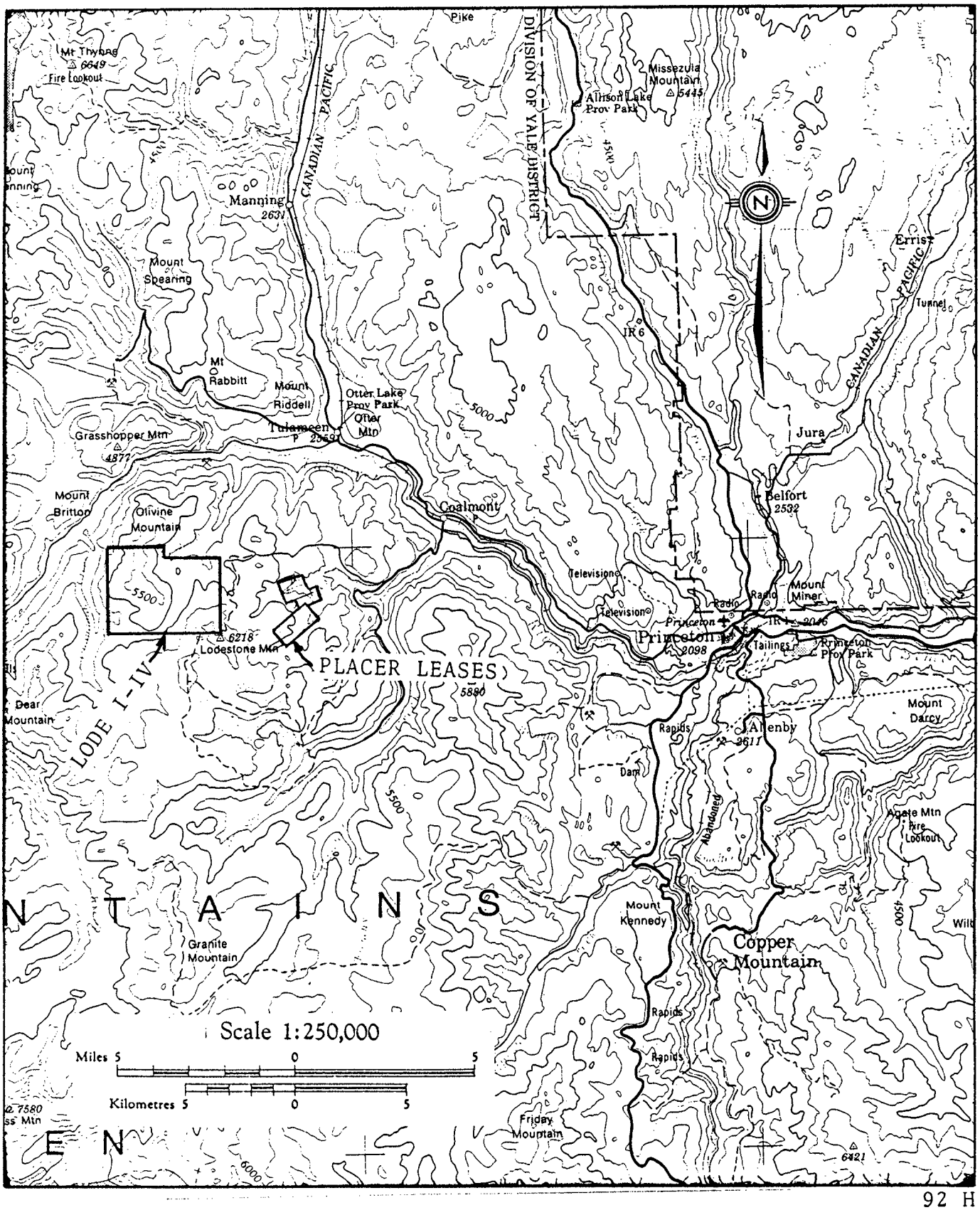


Figure 1. Location and regional geology of Tulameen River area (after Rice, 1947).

1) Copper $\pm$ gold anomalies found in areas underlain by syenogabbro may be an indication of porphyry copper-gold mineralization similar to the nearby Copper Mountain deposit (56 million tons of 0.53% copper and 0.018 ounces per ton gold).
2) Platinum/chromium/nickel anomalies over the olivine clinopyroxenite member of the Complex suggests possible chromite cumulates.
3) Platinum/copper anomalies over the hornblende clinopyroxenite member of the Tulameen Complex are a possible indication of sulfides. All major PGM (platinum group) world producers mine platinum from sulfide-rich horizons found in ultramafic intrusions and extrusions.



92 H

INTER-CANADIAN DEVELOPMENT CORP.

ACCESS MAP

TULAMEEN RIVER PROPERTIES

Similkameen Mining Division - British Columbia

Donald G. Allen

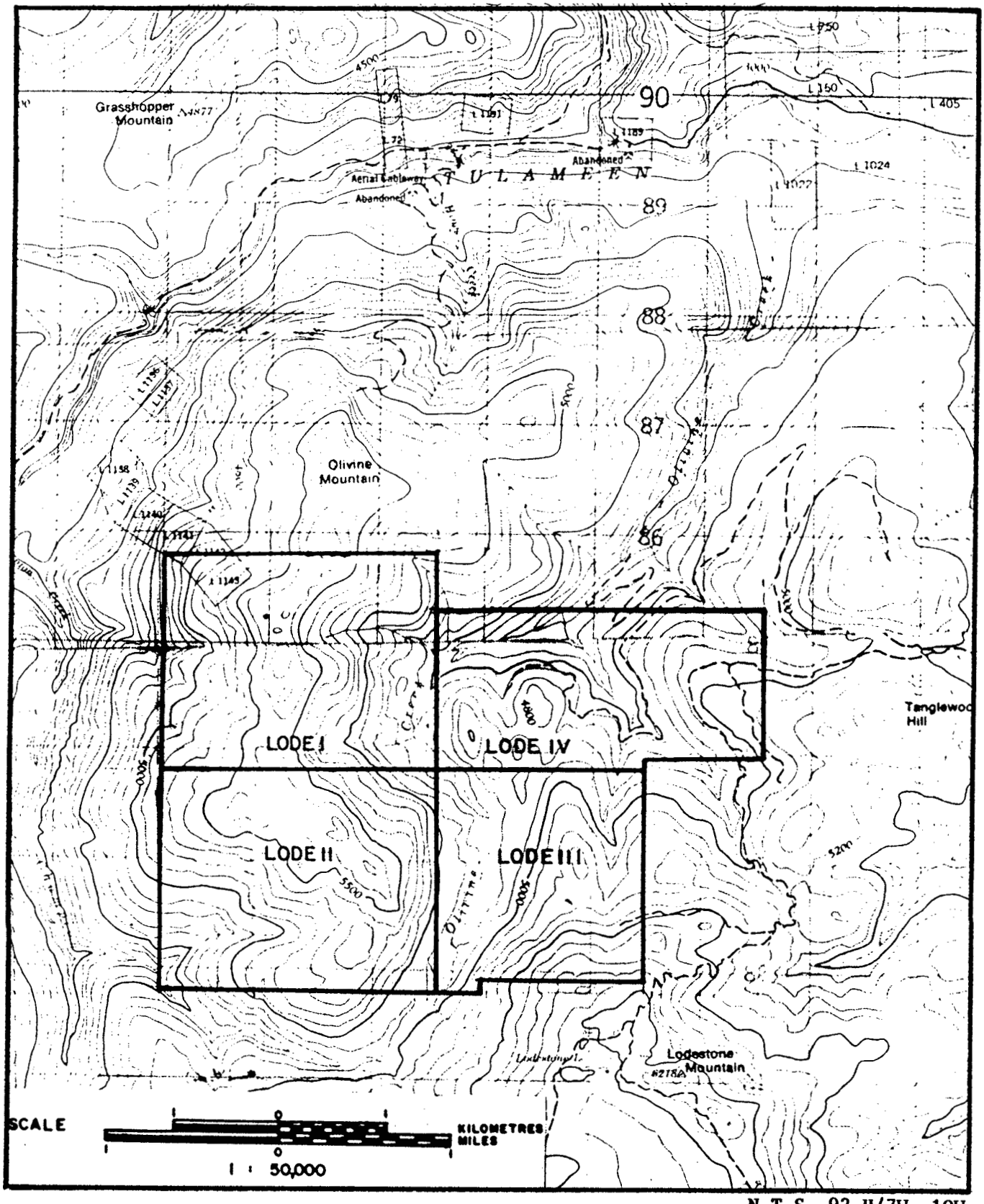
A&M exploration ltd.

Figure 2

RECOMMENDATION

The preliminary surveys conducted to date over the LODE claims indicate that favourable geology and geochemical anomalies are present. A preliminary program of geochemical sampling, geological mapping and geophysical surveying is required to fully outline the area of interest.

Given positive results, a follow-up program should be implemented that consists of detailed geochemical sampling and geophysical surveys in the effort to pinpoint targets for trenching and diamond drilling.



N.T.S. 92 H/7W, 10W

INTER CANADIAN DEVELOPMENT CORP.

CLAIM MAP

LODE CLAIMS

Similkameen Mining Division – British Columbia

A·M exploration ltd.

Figure 3

INTRODUCTION

Inter Canadian Development Corp. holds a 100% interest in the LODE I, III and IV claims and a 90% interest in the LODE II. The claim group covers part of the Tulameen ultramafic-syenogabbro intrusion in the Tulameen River region of British Columbia.

The Tulameen complex and surrounding Nicola group rocks in the past have been the target of exploration for various commoditites including gold, platinum, copper, nickel, chromium, iron and diamonds. Placer operations on the Tulameen River and several of its tributaries have recovered over 30,000 ounces of gold and 20,000 ounces of platinum since the turn of the century.

A work program comprised of soil geochemistry and a magnetometer survey was performed by D. Morneau, B. Stewart, K. Stewart, and C. Hopping on September 11 to 15, 1987. This report summarizes the results of these surveys, and reviews some of the literature pertaining to the geology and mineralization of the Tulameen Complex.

LOCATION, ACCESS AND PHYSIOGRAPHY

The LODE claims lie on the southern flank of Olivine Mountain, nine kilometres west-southwest of the town of Tulameen and 27 kilometres west-northwest of Princeton (Figures 1, 2 and 3).

Access is via paved road to the town of Coalmont then by good logging roads to the claims.

Elevations of the claims range from 1400 metres (4,500 feet) to 1800 metres (6,000 feet). Slopes in general are gentle, except along the upper flanks of Olivine Mountain where the average slope is 30 degrees. The region has been logged over most of the claims but steeper slopes are covered by a virgin growth of fir, balsam and spruce. The climate is moderate with an average yearly snow pack of one to two metres which lasts until late May.

HISTORY

The Tulameen area is one of British Columbia's oldest placer mining camps, having been discovered prior to 1885. Platinum of economic concentrations was recognized in 1891. Recorded placer production from 1886 to 1941 was 37,422 ounces of gold (Holland, 1950) and an estimated 20,000 ounces of platinum (estimated by O'Neill and Gunning, 1934). Source of the gold and platinum is believed to be the Nicola Group rocks and Tulameen Complex, respectively. Higher grade pockets of platinum in bedrock have been noted by various government workers mapping the Tulameen Complex, e.g., Camsell (1913), Rice (1947), Eastwood (1959), Findlay, (1969). Minor bedrock mining of platinum was attempted during the Second World War (H. Jones, personal communication). Exploration over the past decade has concentrated on the copper and iron potential in the area. Imperial Metals and Power Ltd. carried out drilling on their adjacent claims on Lodestone Mountain outlining a total of 176.9 million tonnes grading 14.5% iron (B.C. Minstry of Mines Mineral Deposits File). The recent increase in price of platinum has rekindled interest in the Tulameen Complex as a potential host for platinum deposits. A search of government records has availed no systematic exploration of the LODE claims. Drill core was found on the property but indications are that the program was undertaken with little direction.

CLAIM DATA

The LODE property comprises the following claims:

Claim Name	No. of Units	Record No.	Expiry Date
LODE I	20	1223 (11)	November 5, 1988
LODE II	20	1240 (11)	November 13, 1988*
LODE III	20	1713 (9)	September 17, 1988
LODE IV	18	1712 (18)	September 17, 1988

* Assuming work represented by this report is accepted for assessment purposes.

GEOLOGY

Regional Geology

The Inter Canadian Development properties are situated in the Princeton Map Area (Rice, 1947). The Tulameen River area is underlain by metasedimentary and metavolcianic schists of the Upper Triassic Nicola Group (unit 1, Figure 1) that have been intruded by syenogabbroic and ultramafic rocks of the Tulameen Complex. According to Findlay (1969), Nicola rocks in the Tulameen area are dominantly albite-epidote-amphibole schists and calcareous greenschists derived from andesitic to basaltic flows. Metasediments, including argillaceous quartzites, quartz-mica-plagioclase schists, and crystalline limestone bands, are subordinate. Other intrusions in the area include the Eagle granodiorite (a member of the Coast Plutonic Complex, unit 3) and the Copper Mountain intrusions (unit 4). The latter are indicated by Findlay to be related to the gabbroic phases of the Tulameen Complex. Tertiary sedimentary rocks (units 6 and 7) outcrop to the east and southeast of the complex.

Local Geology

The LODE claims cover part of the Tulameen ultramafic-gabbroic complex and Nicola Group volcanic rocks on the west side of the complex (Figures 3 and 4). The geology and various aspects of the economic geology of the complex have been well described by Camsell (1913), Ruckmick (1956), Eastwood (1959), Findlay (1969) and Roberts, et al (1970).

The Tulameen Complex is an "Alaskan-type" ultramafic complex. According to Findlay:

> "...the ultramafic units form an elongate body that dips steeply to the west and is bordered by, and partly overlain by gabbroic rocks (Fig. 2). Gabbroic and ultramafic rocks occur in about equal amounts, but their distribution is asymmetric, with the former mainly restricted to the eastern and southeastern parts of the complex. The total exposure area of the complex is about 22 sq. m. (57 km^2).

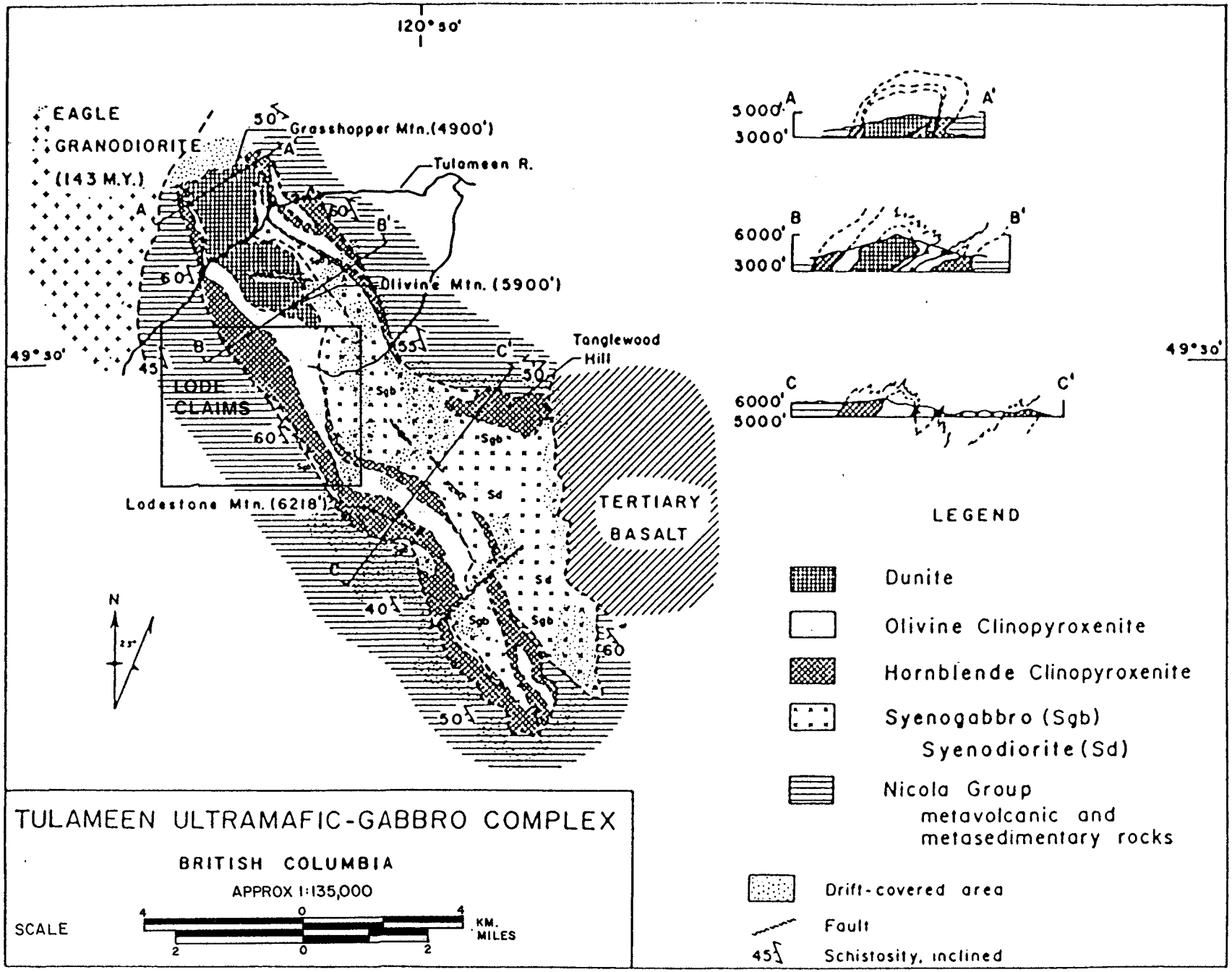


Figure 4. Geology and structure of Tulameen Complex (after Findlay, 1969).

Ultramafic rocks outcrop in three areas within the complex...

The principal ultramafic rocks are dunite, olivine clinopyroxenite, and hornblende clinopyroxenite. Peridotite, clinopyroxenite, hornblende-olivine clinopyroxenite, and hornblendite are subordinate and generally not mappable units. A minor feldspathic rock - mafic pegmatite - is probably a late differentiate of the ultramafic suite.

In the northern part of the complex, the ultramafic units display the characteristic zonal pattern of similar intrusions in Alaska and U.S.S.R., comprising a dunite core surrounded by shells of olivine clinopyroxenite and hornblende clinopyroxenite. South of Olivine Mountain, where dunite is not exposed, the two main ultramafic zones contain a median zone of olivine clinopyroxenite bounded by hornblende clinopyroxenite. In the Tanglewood Hill area, hornblende clinopyroxenite is the principal ultramafic type exposed.

The principal gabbroic types are syenogabbro and syenodiorite with the former most abundant. In addition to forming the large mass lying to the east of Lodestone Mountain, gabbroic rocks occur elsewhere as smaller bands and lenses notably south of Olivine Mountain along the west margin of the complex, on the northeast flank of Olivine Mountain, and on Lodestone Mountain."

Outcrops on the Lode claims are not abundant because of glacial drift and forest cover. The LODE claims are underlain mainly by syenogabbro, peridotite (olivine clinopyroxenite) and pyroxenite (hornblende clinopyroxenite) and Nicola Group metavolcanic rocks. Metavolcanic rocks observed in drill core and on surface on the LODE II claim are chlorite schists.

MINERALIZATION

Lode Deposits

In addition to the large tonnage low-grade iron deposits, minor amounts of copper, chromite, platinum, and diamonds have been reported in the ultramafic-gabbroic phases of the Tulameen Complex. However, except for drilling by Imperial Metals on their magnetite deposit, there appears to have been little systematic exploration for such deposits. This may, in part, be due to extensive forest cover and lack of outcrops.

Magnetite: magnetite in the Tulameen complex was studied by Eastwood (1959) and Ruckmick (1956). Abundant magnetite occurs in the pyroxenite phase and locally in the peridotite-dunite. Mapping by Ruckmick outlined a large area containing greater than 20% magnetite, including parts of the Lode claims. Drilling by Imperial Metals on Lodestone Mountain and Tanglewood Hill has outlined 176.9 million tonnes grading 14.5% iron. Two samples of magnetite-rich pyroxenite sampled by Allen (1986) were found to contain 15 to 20% Fe_2O_3 indicating that a large tonnage of similar material may be present on the Lode claims.

Copper: copper occurrences are reported in the Olivine Mountain area. According to Camsell (1913) they appear to be confined to east-west zones of shearing although chalcopyrite is a primary mineral in places. Several rusty shear zones were examined and sampled by the writer. Copper values obtained were up to 430 ppm (0.043% Cu - see Appendix I).

Chromite: chromite occurs near the outer borders of the peridotite phase of the Tulameen Complex. It is a primary mineral and occurs as disseminated grains scattered throughout the peridotite and locally as irregular veins or masses up to 10-15 centimetres in diameter.

Platinum: the ultramafic complex is undoubtedly the source of platinoid minerals in the Tulameen placer deposits. Findlay (1963) studied the distribution of platinum in the major rock types of the

complex and found highest concentrations (up to 0.0225 ppm Pt) in the dunites and peridotites. Sulphide-rich differentiates however, host platinoid minerals in most mineable deposits of the world. These should be explored for in the Tulameen area.

Diamonds: Camsell (1913) reports the presence of diamonds, which are associated with chromite in the dunite. The diamonds are small and of good quality but break up on exposure to the atmosphere.

Placer Deposits

The Tulameen River area is well-known for its placer gold and platinum deposits. The placer deposits were described by Camsell (1913), O'Neill and Gunning (1934) and Raicevic and Cabri (1976). The placer leases held by Lodestone Mining Corporation cover tributaries of Granite Creek which was one of the most productive creeks in the Tulameen camp.

The gold and platinoid minerals in the camp are accompanied by chromite, magnetite and, in places, native copper. The platinoid minerals, chromite and magnetite, were derived by erosion of the ultramafic rocks of the Tulameen Complex. The gold is thought to have originated from gold-bearing veins in Nicola group rocks in the vicinity of Grasshopper Mountain, but this has not been proven. According to Raicevic and Cabri:

> "The gold and platinum of the placers must have been released from the parent rocks in preglacial time and deposited in preglacial placers, because, since glacial times, although canyons have been cut in the floors of some of the valleys, erosion has not succeeded in removing the mantle of glacial debris over most of the area, much less eroding any quantity of the underlying rock. Some dissipation of preglacial placers must have occurred, as well as further concentration during postglacial times by reworked deposits in the present river beds. The ice-sheet also filled up some valleys with detritus so that, in some cases, the streams did not re-occupy their original channels after

the retreat of the ice. There is, therefore, the possibility of the occurrence of buried placer deposits."

GEOCHEMICAL SURVEY

A soil, silt and rock sampling survey was undertaken along three reconnaissance lines. A total of 229 silt samples were collected at a station spacing of 50 metres (Figure 5). Soil samples comprised 0.5 to 1.0 kilogram of B horizon material collected from a depth of 20 to 40 centimetres. Overburden on the gentler slopes consists predominantly of glacial till. Colluvium and residual soils are found on the steeper slopes and hill tops.

Samples were sent to Acme Analytical Laboratories in Vancouver for 30 element I.C.P. (inductively coupled plasma) determinations and fire assay concentration followed by I.C.P. analyses for gold, platinum and palladium. Analytical data is presented in Appendix I. Soil sample sites and copper, chromium, nickel and selected anomalous values of platinum, palladium, etc., are plotted on Figure 5.

Although till of various thickness overlies nearly all of the surveyed area, precious metals, base metals and minor element enrichments appear to define underlying rock units.

Chromium appears to best define an underlying unit with a north-northwest trending anomalous area (anomalous values from 50 to 162 ppm) in the west central part of the grid area. Palladium (10-26 ppm) values appear to be weakly enhanced in this zone. Weakly anomalous nickel (50-85 ppm) values occur in a narrow band within the chromium anomaly.

Copper also appears to reflect underlying bedrock units of the Tulameen Intrusion. Copper is weakly to moderately anomalous (80 to 535 ppm) throughout the western two thirds of the grid area.

Platinum occurs in low anomalous amounts (10-21 ppb) in association with chromium on Line 11N. Unfortunately, this line may be off the northern part of the claim group.

Scattered isolated anomalous gold values (5-152 ppb) occur throughout the grid area. Of particular significance is a gold anomaly of 84 ppb with associated copper (423 ppm) and palladium (69 ppb) within a zone of generally high copper and chromium values. Fill in geochemical sampling is warranted in this and other selected gold, platinum and palladium anomalies.

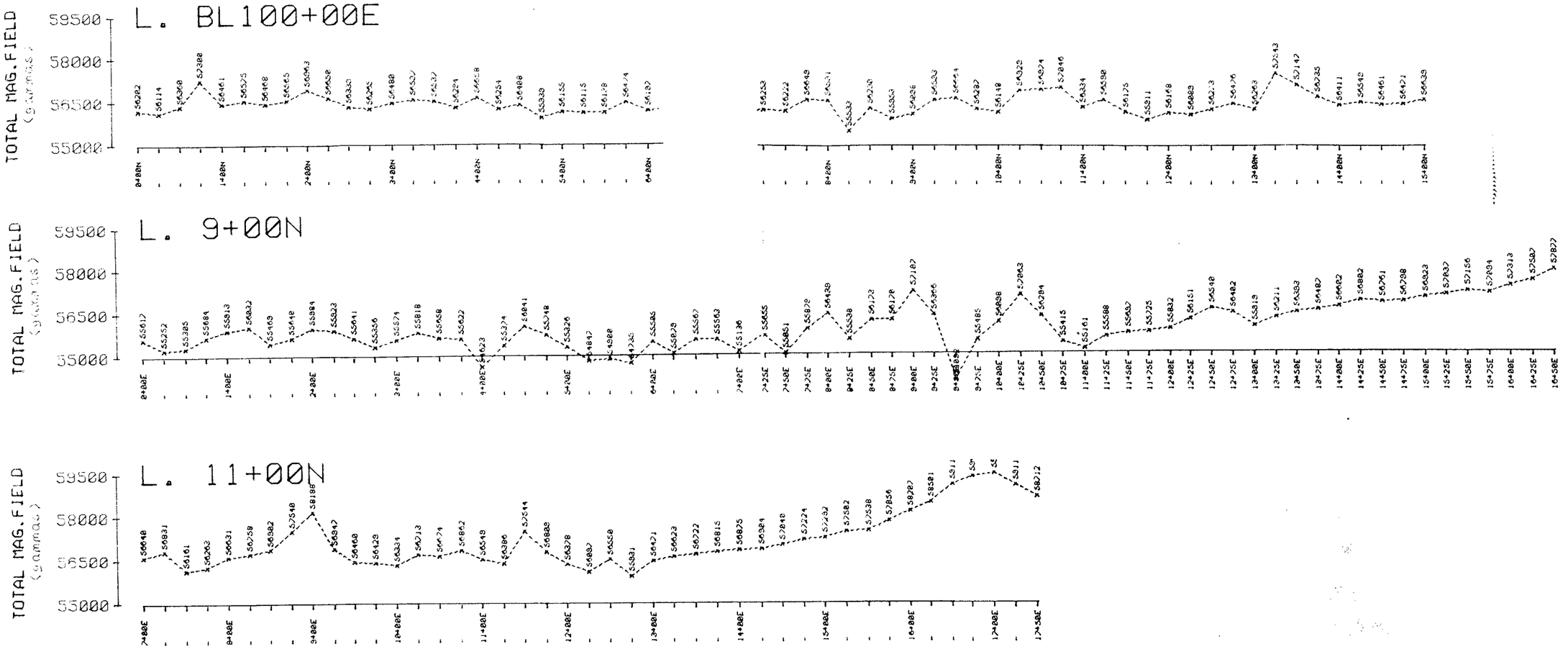
GEOPHYSICAL SURVEY

A total of 5.6 line kilometres of magnetic surveying was completed on the claims. A Scintrex MP2 proton magnetometer was used for all observations. Magnetic survey control was established by closing survey loops at floating base stations. The data is presented in profile at a scale of 1:5,000 on Figure 6.

Unfortunately data from the western part of line 11 was not interpreted to be reliable because of wild diurnal magnetic variations and was not plotted.

Data reveals a broad general increase (55,930 to 58,000+ gammas) to the east, probably reflecting the more ultramafic phases of the Tulameen intrusions. Two magnetic highs between 8+00 and 12+00 East might reflect either more mafic dikes or possibly different units within the zoned Tulameen Complex.

Donald G. Allen



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,661

Instrument : *Scintrex MP-2 Magnetometer.*
Survey date: SEPT., *1987.*

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Inter Canadian Development Corp

LODE CLAIMS

MAGNETOMETER PROFILES

LINE 9 to 11

SCALE 200 0 200 METRES
500 0 500 FEET
1 : 5,000

DEC., 1987

N.T.S. 92 H/7W, 10W

FIGURE 6

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CERTIFICATE

I, Donald G. Allen, certify that:

1. I am a Consulting Geological Engineer with offices at Suite 704, 850 West Hastings Street, Vancouver, British Columbia.

2. I am a graduate of the University of British Columbia with degrees in Geological Engineering (B.A.Sc., 1964; M.A.Sc., 1966).

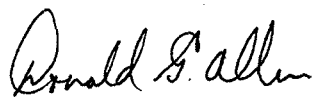
3. I have been practising my profession since 1964.

4. I am a member in good standing of the Association of Professional Engineers of British Columbia.

5. This report is based on fieldwork completed by D. Morneau, B. Stewart, C. Hopping and J. Cuvelier during the period September 11 to 15, 1987 and on information listed in the references.

6. I hold no interest, nor do I expect to receive any, in the LODE claims nor in Inter Canadian Development Corp.

7. I consent to the use of this report in a Statement of Material Facts or in a Prospectus by Inter Canadian Development Corp.



December 14, 1987
Vancouver, B.C.

Donald G. Allen,
P. Eng. (B.C.)

APPENDIX I

Analytical Results

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

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Pulp AU$$ PT$$ PD$$ BY FA-MS.

JOB # 400

DATE RECEIVED: OCT 6 1987 DATE REPORT MAILED: Oct 19/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

A & M EXPLORATION File # 87-4678 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU$$ PPB	PT$$ PPB	PD$$ PPB
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900003	1	235	20	124	.5	36	25	1100	5.85	5	5	ND	4	89	1	2	2	166	1.11	.110	9	54	1.64	167	.18	7	3.66	.03	.09	1	2	2	12
900004	1	136	5	93	.2	42	25	846	6.03	2	5	ND	3	78	1	2	2	171	.93	.151	7	82	1.56	116	.14	4	2.81	.02	.09	1	1	5	10
900005	1	101	7	110	.3	36	26	804	5.85	7	5	ND	3	79	1	2	2	178	.73	.222	6	64	1.67	126	.15	4	2.95	.02	.10	1	2	3	9
900006	1	163	10	102	.2	42	25	805	5.30	2	5	ND	3	84	1	2	2	151	.76	.179	6	87	1.78	118	.14	7	2.88	.02	.17	1	4	5	10
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900012	1	191	9	133	.3	40	29	1471	6.31	4	5	ND	4	95	1	2	2	196	1.19	.163	8	66	2.18	139	.15	3	3.12	.02	.39	1	2	4	11
900013	1	216	11	129	.2	32	26	1082	5.78	4	5	ND	3	73	1	2	2	179	1.03	.161	9	49	2.19	81	.16	9	3.01	.02	.36	1	1	2	9
900014	1	190	11	130	.3	28	27	852	5.74	8	5	ND	3	76	1	2	2	172	.79	.188	8	35	1.63	67	.16	4	3.13	.03	.07	1	4	2	12
900015	1	127	11	96	.2	33	16	472	4.23	6	5	ND	1	35	1	2	3	105	.36	.059	6	46	.92	121	.11	3	2.99	.02	.06	1	2	2	4
900016	2	93	9	103	.2	39	20	954	4.80	14	5	ND	2	66	1	3	3	91	.71	.068	8	86	1.12	213	.07	8	2.52	.01	.10	1	4	5	5
900017	1	137	9	127	.2	11	25	814	5.01	4	5	ND	2	68	1	4	2	173	.74	.142	3	11	2.71	202	.15	2	3.30	.01	.11	1	8	6	5
900018	1	81	14	92	.1	21	17	616	3.82	5	5	ND	1	40	1	3	2	92	.35	.090	4	30	1.02	110	.10	5	2.64	.01	.05	1	2	2	2
900019	1	58	10	78	.1	20	13	419	3.51	2	5	ND	2	38	1	2	2	83	.28	.083	5	29	.78	128	.12	2	3.08	.02	.06	1	1	2	2
900020	1	53	7	74	.2	27	15	498	3.93	5	5	ND	2	38	1	2	4	85	.38	.058	6	41	1.03	100	.09	2	2.86	.02	.06	1	1	2	2
900021	1	96	17	89	.3	45	18	659	4.41	6	5	ND	1	41	1	2	2	86	.44	.072	9	54	1.22	137	.10	3	3.21	.01	.09	1	2	2	2
900022	1	54	14	61	.3	30	13	1011	3.61	3	5	ND	1	63	1	2	2	68	.82	.027	12	41	.88	216	.10	2	3.24	.02	.07	1	2	2	3
900023	1	55	8	71	.1	31	17	602	3.97	8	5	ND	2	37	1	2	3	78	.38	.096	6	48	1.11	116	.09	2	2.73	.01	.06	1	3	2	2
900024	1	50	10	70	.2	27	14	533	3.72	3	5	ND	1	49	1	2	2	75	.52	.083	6	46	1.05	87	.09	2	2.29	.01	.08	1	2	2	2
900025	1	44	6	56	.1	20	11	319	3.46	6	5	ND	2	29	1	2	2	72	.29	.088	5	33	.66	82	.10	2	2.30	.01	.04	1	2	2	2
900026	1	65	13	83	.1	26	15	692	4.15	4	5	ND	1	55	1	2	2	90	.59	.068	11	48	1.20	205	.09	2	2.54	.01	.09	1	2	2	2
900027	1	61	7	66	.1	29	19	844	5.89	4	5	ND	1	91	1	2	2	148	1.09	.161	8	66	1.07	131	.08	6	1.48	.03	.15	1	2	6	4
900028	1	55	16	79	.1	30	16	584	3.89	5	5	ND	2	44	1	2	2	81	.45	.070	6	44	1.13	88	.11	6	2.59	.01	.11	1	1	2	2
900029	1	48	6	83	.1	32	15	358	3.83	5	5	ND	1	35	1	2	2	80	.34	.061	5	41	.86	89	.11	5	3.03	.01	.10	1	1	3	2
900030	1	38	11	71	.1	23	13	382	3.42	6	5	ND	2	29	1	3	2	71	.28	.089	5	34	.74	85	.10	5	2.67	.02	.05	1	2	3	2
900031	1	50	6	74	.1	29	14	717	3.53	2	5	ND	1	47	1	2	2	76	.50	.040	11	49	1.04	102	.11	3	2.55	.02	.07	1	2	2	3
900032	1	45	6	67	.4	29	14	487	3.58	4	5	ND	1	40	1	2	2	77	.37	.061	5	40	.96	100	.12	4	2.62	.02	.06	1	1	2	2
900033	1	46	2	75	.1	33	15	453	3.89	6	5	ND	2	38	1	2	2	80	.37	.084	5	42	1.02	105	.11	3	2.84	.01	.09	1	3	2	2
900034	1	58	7	83	.1	28	13	550	3.55	2	5	ND	1	45	1	2	2	78	.55	.043	11	39	1.00	97	.11	3	2.48	.02	.07	1	3	2	6
STD C/FA-SI	18	59	38	126	7.0	65	27	1107	3.80	40	16	8	37	49	17	17	20	55	.45	.083	37	59	.85	187	.06	36	1.85	.06	.13	12	100	98	104

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
901001	1	38	3	55	.2	21	13	340	4.21	2	5	ND	1	45	1	2	2	106	.44	.080	3	64	.72	53	.11	3	2.02	.02	.04	1	3	8	5
901002	1	47	6	67	.1	26	15	422	4.49	5	5	ND	1	49	1	3	2	106	.45	.119	4	54	.87	62	.11	2	2.28	.02	.05	2	2	4	5
901003	1	57	4	67	.2	50	24	895	7.92	19	5	ND	1	69	1	2	3	228	.99	.111	6	145	1.15	122	.08	7	1.43	.02	.09	1	2	10	9
901004	1	56	4	87	.1	32	19	402	5.43	2	5	ND	1	59	1	2	2	147	.48	.222	3	85	1.11	122	.14	4	2.13	.02	.08	1	1	10	4
901005	1	83	7	65	.1	32	19	451	4.75	3	5	ND	1	109	1	2	2	120	.70	.066	5	67	.99	72	.12	5	2.04	.02	.09	1	2	3	7
901006	1	76	7	59	.1	21	13	532	3.64	2	5	ND	1	120	1	2	2	93	.90	.037	7	47	.72	118	.10	4	2.07	.02	.06	1	1	4	6
901007	2	94	10	92	.2	55	26	503	6.39	4	5	ND	1	89	1	2	3	172	.63	.089	6	139	1.61	117	.15	3	2.86	.02	.09	1	2	16	15
901008	2	173	13	105	.2	61	38	900	8.00	2	5	ND	2	104	1	2	4	228	.82	.106	10	116	2.21	198	.17	2	3.07	.02	.50	1	2	3	12
901009	1	169	6	117	.2	34	23	618	5.30	2	5	ND	1	83	1	2	4	147	.75	.135	8	65	1.26	120	.15	5	2.78	.02	.08	1	86	9	11
901010	1	111	8	77	.4	26	16	551	4.76	2	5	ND	1	87	1	2	2	124	.76	.046	8	48	.94	130	.15	2	2.59	.02	.07	1	13	21	9
901011	1	66	6	78	.1	27	16	527	4.28	3	5	ND	1	49	1	2	3	105	.45	.135	5	54	.88	81	.12	4	2.61	.02	.06	1	2	3	11
901012	1	120	3	91	.1	37	24	1030	5.61	2	5	ND	1	69	1	2	2	140	.67	.120	7	66	1.73	137	.16	3	3.29	.03	.12	1	6	3	6
901013	1	141	4	96	.4	41	25	1916	5.75	3	5	ND	1	152	1	2	6	161	1.20	.146	10	81	1.70	209	.13	6	2.76	.02	.14	1	2	3	14
901014	1	165	5	99	.2	37	23	1286	5.16	4	5	ND	1	153	1	2	3	149	1.29	.142	15	72	1.70	192	.10	2	2.97	.02	.17	1	4	2	24
901015	1	159	10	113	.2	47	26	1236	5.59	2	5	ND	2	117	1	2	2	140	1.01	.092	13	76	1.83	199	.16	4	3.88	.03	.14	1	3	2	14
901016	1	75	10	73	.1	26	19	484	4.99	6	5	ND	1	50	1	2	4	120	.52	.100	6	62	1.01	105	.11	2	2.64	.02	.05	1	2	4	4
901017	1	317	15	111	.4	50	27	1090	5.73	7	5	ND	2	92	1	2	2	140	1.08	.115	17	78	1.77	196	.16	6	3.53	.04	.10	1	5	5	20
901018	1	598	9	122	.3	70	19	888	4.40	4	5	ND	2	52	1	2	2	104	.68	.051	13	55	1.29	141	.16	3	4.00	.03	.07	3	3	2	9
901019	1	142	4	106	.1	41	24	733	4.96	5	5	ND	2	53	1	2	5	119	.62	.098	9	55	1.60	150	.12	5	3.31	.02	.11	1	12	3	6
901020	1	50	7	86	.2	24	14	436	3.53	8	5	ND	1	53	1	2	2	77	.65	.075	5	34	.93	95	.09	5	2.98	.02	.07	1	2	2	4
901021	1	71	17	93	.3	35	14	888	3.99	7	5	ND	1	55	1	2	2	75	.79	.051	13	44	.96	208	.09	3	3.97	.02	.09	1	2	2	2
901022	1	53	9	108	.1	31	12	421	3.18	5	5	ND	1	43	1	2	2	70	.51	.040	13	34	.69	160	.14	2	3.39	.03	.06	1	1	2	2
901023	1	68	2	51	.1	30	16	479	4.22	4	5	ND	1	65	1	2	2	103	.78	.137	7	50	.86	86	.09	3	1.76	.03	.07	1	2	3	11
901024	1	48	10	65	.1	27	15	463	3.91	2	5	ND	2	50	1	2	4	101	.47	.113	5	42	.83	77	.12	2	2.34	.02	.09	1	3	2	3
901025	1	40	10	79	.1	33	14	414	3.62	5	5	ND	2	32	1	6	2	73	.30	.090	6	38	.85	84	.11	4	3.07	.02	.08	2	1	2	2
901026	1	71	5	85	.1	33	16	611	4.75	9	5	ND	2	45	1	2	2	93	.48	.073	7	54	1.38	68	.10	2	2.89	.01	.10	1	2	3	3
STD C/FA-5X	19	57	41	132	7.4	69	29	1156	3.99	43	18	8	38	52	18	18	19	57	.47	.090	38	61	.89	179	.06	32	1.94	.06	.14	11	100	105	103

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

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOLUTION

DATE RECEIVED: NOV 13 1987 DATE REPORT MAILED: Nov 17/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

ROSSBACHER LABORATORY PROJECT-CERT #87615 File # 87-5600 Page 1 LODE V

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
S 903001	1	190	2	155	.1	23	30	1529	6.06	2	5	ND	3	72	1	2	2	179	.86	.271	9	32	2.10	142	.09	2	2.84	.01	.12	1
S 903002	1	206	6	167	.1	23	34	1557	7.24	2	5	2	4	77	1	2	2	235	1.38	.362	11	25	2.66	102	.13	4	3.14	.01	.52	1
S 903003	1	264	7	124	.3	26	25	1283	5.60	3	5	ND	3	68	1	2	2	165	.82	.163	8	34	1.67	93	.12	2	2.93	.01	.12	1
S 903004	1	119	2	124	.1	24	25	784	5.39	2	5	ND	2	86	1	2	2	138	.80	.225	7	39	1.91	96	.12	2	2.78	.02	.12	1
S 903005	1	269	3	113	.2	34	24	708	5.65	2	5	2	2	60	1	2	3	157	.54	.136	6	54	1.73	73	.14	2	2.94	.01	.10	1
S 903006	1	152	5	141	.1	34	28	1173	6.76	5	5	ND	2	48	1	2	2	182	.68	.212	9	55	2.14	100	.11	2	3.30	.01	.16	1
S 903007	1	181	2	93	.1	28	22	710	5.16	2	5	ND	2	60	1	2	3	146	.63	.126	7	45	1.61	115	.10	2	2.47	.01	.06	1
S 903008	1	144	2	121	.1	25	32	898	5.38	2	5	ND	2	70	1	2	2	166	.83	.250	6	21	2.59	417	.14	2	2.90	.02	.42	1
S 903009	1	74	2	102	.1	37	23	837	4.95	2	5	ND	1	43	1	2	2	126	.39	.111	3	62	1.34	196	.13	2	2.22	.01	.05	1
S 903010	1	180	2	95	.3	36	24	1414	6.40	3	5	ND	2	95	1	2	2	152	.94	.074	14	54	1.53	206	.13	2	3.52	.01	.14	1
S 903011	1	423	6	72	.5	34	16	969	4.94	2	5	ND	1	76	1	2	2	125	1.07	.079	17	56	.89	233	.05	5	2.44	.01	.09	1
S 903012	1	179	2	96	.1	41	26	696	6.01	2	5	ND	2	51	1	2	2	146	.62	.100	6	70	1.76	130	.13	2	2.82	.01	.09	1
S 903013	1	173	8	87	.1	85	29	679	6.17	7	5	ND	2	69	1	2	2	151	.70	.142	4	162	2.67	122	.14	4	2.67	.01	.46	1
S 903014	1	271	3	94	.1	42	30	790	7.19	2	5	ND	2	63	1	2	2	178	.89	.233	7	68	2.42	119	.11	3	2.59	.01	.42	1
S 903015	1	236	2	90	.1	34	26	615	6.13	2	5	ND	1	42	1	2	2	152	.52	.140	4	55	1.93	92	.13	2	2.62	.01	.23	1
S 903016	1	169	5	105	.1	34	25	710	5.45	5	5	ND	2	32	1	2	3	137	.41	.162	4	44	1.59	108	.10	2	2.54	.01	.14	1
S 903017	1	57	2	61	.1	22	13	447	3.59	4	5	ND	2	22	1	2	2	71	.30	.050	4	33	1.08	111	.08	2	1.94	.01	.07	1
S 903018	1	49	8	80	.1	24	13	704	3.64	7	5	ND	1	20	1	2	4	66	.25	.086	5	36	.92	119	.07	2	2.39	.01	.07	1
S 903019	2	87	5	87	.3	76	25	672	6.10	52	5	2	1	25	1	2	2	88	.32	.075	4	115	1.48	140	.07	3	2.41	.01	.29	1
S 903020	1	49	2	76	.1	25	13	531	3.79	5	5	ND	2	24	1	2	3	67	.28	.086	5	38	.94	86	.08	2	2.35	.01	.05	1
S 903021	1	43	2	71	.1	24	13	605	3.43	2	5	ND	1	30	1	2	2	64	.44	.027	6	39	1.01	78	.10	3	1.88	.01	.05	1
S 903022	1	149	5	64	.1	26	13	676	3.58	6	5	ND	1	27	1	3	4	65	.41	.045	10	38	.97	100	.07	3	1.82	.01	.07	1
S 903023	1	66	2	85	.1	25	19	659	6.23	4	5	ND	1	39	1	2	2	134	.49	.112	8	34	1.46	97	.04	2	2.41	.01	.12	1
S 903024	1	105	3	95	.1	18	19	677	4.11	5	5	ND	1	41	1	2	2	94	.37	.063	8	21	1.73	88	.13	2	3.07	.01	.10	1
S 903025	1	64	6	63	.1	25	12	396	3.39	3	5	ND	1	25	1	2	2	60	.29	.048	7	34	.79	170	.08	2	2.64	.01	.06	1
S 903026	1	340	5	137	.1	10	21	881	4.60	2	5	ND	1	51	1	2	2	118	.43	.087	5	14	2.26	136	.16	3	3.21	.01	.60	1
S 903027	1	35	4	68	.2	20	11	464	3.04	3	5	ND	1	21	1	2	2	54	.24	.078	4	27	.61	90	.07	2	2.23	.01	.05	1
S 903028	1	93	2	71	.2	23	12	648	3.16	2	5	ND	2	46	1	2	3	61	.37	.029	7	32	.94	105	.08	2	1.92	.01	.06	1
S 903029	1	43	7	61	.1	25	12	449	3.17	2	5	ND	2	30	1	2	2	57	.42	.046	6	38	.97	180	.08	2	1.84	.01	.05	1
S 903030	1	39	6	48	.2	25	19	619	9.72	2	5	ND	1	76	1	3	2	211	.81	.145	6	70	.78	71	.05	5	.99	.01	.13	2
S 903031	1	58	9	54	.1	26	13	490	3.82	5	5	ND	2	47	1	3	4	77	.65	.101	12	39	.99	47	.07	2	1.45	.01	.05	1
S 903032	1	48	3	74	.2	25	12	533	3.53	7	5	ND	2	22	1	2	3	63	.24	.098	5	34	.89	87	.07	2	2.38	.01	.06	1
S 903033	1	46	2	76	.1	23	10	544	2.98	4	5	ND	1	35	1	2	2	55	.44	.059	6	33	.81	92	.08	2	2.12	.01	.04	1
S 903034	1	57	8	91	.4	34	13	528	3.65	5	5	ND	2	38	1	2	2	72	.52	.027	10	41	.94	104	.10	4	2.32	.02	.08	1
S 903035	1	127	4	85	.1	16	15	508	3.82	2	5	ND	1	54	1	2	2	108	.36	.132	3	24	.95	76	.13	3	2.21	.01	.08	1
S 903036	1	149	4	97	.1	17	16	462	3.83	3	5	ND	1	55	1	2	3	103	.38	.169	3	25	1.06	83	.15	3	2.93	.01	.07	1
S 903037	1	123	3	97	.1	23	17	468	4.14	2	5	ND	2	47	1	2	2	103	.38	.121	4	34	1.23	85	.13	2	2.74	.01	.08	1
S 903038	1	46	2	60	.1	18	12	328	3.48	3	5	ND	1	26	1	2	2	73	.22	.074	4	33	.68	71	.09	2	2.09	.01	.04	1
S 903039	1	122	5	77	.1	20	19	457	4.55	6	5	ND	1	61	1	2	4	123	.35	.097	4	35	1.56	80	.15	2	2.88	.01	.08	1
STD C	18	59	39	132	7.1	67	28	1067	4.06	40	21	8	37	50	18	17	19	56	.45	.081	37	57	.85	178	.06	31	1.88	.06	.14	11

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
S 903040	1	93	3	103	.1	27	24	799	4.29	2	5	ND	1	55	1	2	2	135	.50	.119	4	38	1.82	169	.16	7	3.08	.01	.40	1
S 903041	1	75	7	87	.1	22	15	622	3.71	2	5	ND	2	35	1	2	2	87	.40	.090	5	34	.89	78	.09	2	2.35	.01	.08	1
S 903042	1	97	5	75	.1	21	14	558	3.60	4	5	ND	3	26	1	2	2	86	.30	.068	5	32	1.02	92	.08	2	2.35	.01	.09	1
S 903043	1	97	2	111	.1	17	24	702	4.39	2	5	ND	2	52	1	2	3	151	.54	.131	3	28	2.05	121	.17	2	2.83	.01	.49	1
S 903044	1	177	2	103	.1	21	19	533	4.17	2	5	ND	2	53	1	2	2	109	.37	.148	4	28	1.38	102	.13	3	3.01	.01	.11	1
S 903045	1	134	6	111	.1	24	20	645	4.14	6	5	ND	1	51	1	2	3	115	.39	.108	4	40	1.39	89	.13	3	2.63	.01	.17	1
S 903046	1	135	9	103	.1	37	27	684	4.82	4	5	ND	2	56	1	2	2	139	.51	.114	5	71	2.24	133	.14	3	2.96	.01	.43	1
S 903047	1	87	6	96	.1	36	26	776	5.53	2	5	ND	3	56	1	2	3	171	.70	.148	9	76	2.45	157	.09	2	2.62	.01	.20	1
S 903048	1	93	9	107	.1	23	23	703	5.03	2	5	ND	3	24	1	2	2	147	.35	.164	5	45	1.53	114	.08	4	3.13	.01	.06	1
S 903049	1	91	5	94	.1	58	28	598	4.88	5	5	ND	1	38	1	2	2	121	.48	.109	4	103	1.92	205	.09	3	2.74	.01	.30	1
S 903050	1	348	9	94	.1	50	22	950	4.77	3	5	ND	3	50	1	2	2	125	.52	.087	6	81	1.66	212	.14	3	2.92	.01	.25	1
S 903051	1	65	11	81	.1	34	25	950	5.06	5	5	ND	3	51	1	2	3	158	.64	.130	9	64	2.38	406	.13	3	2.87	.01	.69	1
S 903052	1	81	4	89	.1	16	19	608	4.15	2	5	ND	3	53	1	2	2	104	.66	.046	4	15	1.42	105	.09	3	2.40	.01	.05	1
S 903053	1	158	6	89	.1	13	24	712	4.06	2	5	ND	1	50	1	2	2	125	.77	.102	6	17	1.85	237	.11	3	2.61	.01	.29	1
S 903054	1	58	6	99	.1	14	20	518	4.09	2	5	ND	2	27	1	2	2	97	.36	.106	4	20	1.67	238	.11	4	3.02	.01	.18	1
S 903055	1	60	10	72	.1	18	14	389	3.38	3	5	ND	2	28	1	2	2	69	.37	.073	5	26	1.10	222	.08	4	2.44	.01	.12	1
S 903056	1	218	10	132	.1	22	19	673	3.97	2	5	ND	1	29	1	2	2	89	.41	.049	4	25	1.50	303	.10	5	2.92	.01	.11	1
S 903057	1	535	7	116	.1	15	28	861	5.86	3	5	ND	2	12	1	2	3	166	.28	.111	3	20	2.03	167	.15	2	2.88	.01	.40	1
S 903058	1	338	9	151	.1	12	27	795	4.94	2	5	ND	1	15	1	2	2	120	.42	.146	2	8	2.43	361	.14	2	3.20	.01	.53	1
S 903059	1	161	8	112	.1	18	23	884	4.03	2	5	ND	1	17	1	2	2	97	.41	.130	3	38	2.28	172	.09	2	2.67	.01	.37	1
S 903060	1	74	8	119	.1	10	23	785	4.38	2	5	ND	1	46	1	2	2	111	.46	.136	3	10	2.27	176	.11	2	3.14	.01	.29	1
S 903061	1	51	7	90	.1	19	15	455	3.81	2	5	ND	2	22	1	2	2	81	.23	.079	3	24	1.08	134	.08	3	2.67	.01	.07	1
S 903062	1	146	9	114	.2	16	17	751	3.98	2	5	ND	2	33	1	2	2	87	.43	.070	5	18	1.29	302	.09	2	3.26	.01	.11	1
S 903063	1	76	10	97	.3	20	15	1100	3.65	3	5	ND	2	72	1	2	3	77	.71	.057	10	27	1.03	306	.08	3	2.55	.01	.11	1
S 903064	1	110	11	104	.1	20	19	1226	4.16	2	5	ND	2	63	1	2	2	98	.75	.062	18	25	1.40	309	.09	5	3.03	.01	.22	1
S 903065	1	118	8	104	.2	27	17	739	4.38	2	5	ND	4	46	1	2	2	91	.55	.063	15	36	1.00	207	.11	2	2.60	.01	.09	1
S 903066	1	43	8	53	.1	27	14	253	4.11	3	5	ND	2	29	1	2	2	87	.44	.152	5	44	.70	73	.06	3	1.83	.01	.05	1
S 903067	1	47	4	68	.1	33	15	276	3.38	6	5	ND	1	19	1	2	3	60	.25	.086	5	37	.76	81	.05	2	2.30	.01	.04	1
S 903068	1	114	5	100	.1	20	14	641	3.20	3	5	ND	1	17	1	2	2	66	.25	.043	7	21	.98	115	.05	2	2.24	.01	.08	1
STD C	18	58	40	133	6.9	66	30	1063	3.98	38	19	7	38	51	18	16	21	56	.47	.081	38	60	.87	186	.06	39	1.93	.06	.15	11

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOLUTION

DATE RECEIVED: SEPT 29 1987 DATE REPORT MAILED: Oct 3/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

ROSSBACHER LABORATORY PROJECT-CERT # 87615 File # 87-4492 Page 1 #600 400

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
S 900035	1	112	11	100	.2	19	16	450	3.89	2	5	ND	2	67	1	2	2	109	.45	.137	3	28	1.41	104	.20	2	2.98	.03	.09	2
S 900036	1	85	11	106	.1	19	15	853	3.70	2	5	ND	2	48	1	2	2	100	.39	.162	3	28	1.20	74	.16	2	2.75	.03	.05	1
S 900037	1	117	8	82	.2	18	15	689	3.83	2	5	ND	1	50	1	2	2	112	.46	.056	5	30	1.17	69	.19	2	2.36	.03	.06	2
S 900038	1	77	9	83	.1	18	15	439	3.79	2	5	ND	2	57	1	2	2	108	.45	.066	4	28	1.02	86	.17	2	2.38	.03	.05	1
S 900039	1	98	6	98	.1	20	19	837	4.29	2	5	ND	2	69	1	2	2	139	.61	.140	4	35	1.70	95	.20	2	2.89	.03	.13	1
S 900040	1	115	9	96	.1	18	18	509	4.12	2	5	ND	1	99	1	2	2	143	.66	.130	3	29	1.38	68	.22	2	2.33	.03	.08	2
S 900041	1	114	9	106	.2	39	15	663	4.14	2	5	ND	2	60	1	2	2	90	.54	.069	6	53	1.18	130	.14	2	2.92	.04	.12	2
S 900042	1	31	10	79	.1	21	13	308	3.80	2	5	ND	2	53	1	2	2	82	.40	.142	5	40	.77	92	.13	2	2.22	.04	.06	1
S 900043	1	156	12	100	.2	30	15	938	3.95	2	5	ND	3	81	1	2	2	110	.65	.043	10	51	1.00	190	.16	2	2.61	.04	.10	1
S 900044	1	152	11	127	.1	34	18	619	4.42	3	5	ND	2	93	1	2	2	110	.79	.070	6	45	1.32	126	.17	2	2.85	.04	.10	1
S 900045	1	54	8	71	.1	26	15	327	4.65	2	5	ND	2	57	1	2	2	113	.46	.165	3	59	1.03	71	.14	2	1.81	.03	.07	1
S 900046	1	71	9	83	.1	43	17	413	4.66	2	5	ND	2	32	1	2	2	105	.35	.128	3	86	1.15	100	.14	2	2.44	.03	.07	2
S 900047	1	86	7	87	.1	43	19	365	4.68	2	5	ND	1	38	1	2	2	110	.35	.129	3	89	1.23	80	.15	2	2.33	.03	.07	2
S 900048	1	128	7	93	.1	57	19	444	4.17	2	5	ND	1	43	1	2	2	107	.44	.061	4	95	1.45	125	.16	2	2.37	.03	.10	1
S 900049	1	86	8	100	.1	79	26	499	5.56	2	5	ND	2	59	1	2	2	138	.52	.096	3	180	2.49	132	.20	2	3.22	.03	.24	1
S 900050	1	31	7	64	.1	29	12	271	3.25	2	5	ND	2	33	1	2	2	75	.31	.093	3	59	.74	61	.13	2	2.06	.03	.03	1
S 900051	1	31	7	76	.1	25	12	448	3.59	2	5	ND	1	52	1	2	2	87	.30	.096	2	59	.88	45	.13	2	1.51	.03	.03	1
S 900052	1	57	8	138	.1	12	22	1408	5.35	3	5	ND	1	110	1	2	2	158	.87	.212	4	13	2.49	103	.20	2	3.07	.03	.56	1
S 900053	1	34	7	64	.1	19	12	437	3.69	4	5	ND	2	25	1	2	2	74	.28	.092	3	28	.57	116	.12	2	1.91	.03	.05	2
S 900054	1	190	11	84	.3	49	19	444	4.97	5	5	ND	2	32	1	2	2	118	.38	.033	6	82	1.12	118	.13	2	2.94	.03	.05	1
S 900055	1	319	8	89	.2	33	18	519	5.54	5	5	ND	1	26	1	2	2	159	.56	.046	4	36	.72	160	.08	2	2.68	.04	.04	2
S 900056	1	139	7	126	.1	23	22	623	4.72	2	5	ND	1	23	1	2	2	119	.40	.135	2	47	2.27	220	.16	2	3.28	.02	.10	1
S 900057	1	99	8	107	.1	7	22	1239	5.72	5	5	ND	3	27	1	2	2	157	.69	.140	11	7	2.08	366	.11	2	2.39	.03	1.07	1
S 900058	1	23	6	68	.2	15	8	253	3.05	3	5	ND	2	13	1	2	2	51	.17	.075	3	27	.49	68	.09	2	2.12	.02	.04	1
S 900059	1	53	4	66	.2	11	11	363	3.66	2	5	ND	1	62	1	2	2	94	.47	.023	4	18	.96	142	.13	2	2.00	.03	.05	2
S 900060	1	74	3	86	.1	19	15	1928	3.90	2	5	ND	1	132	1	2	2	96	1.10	.143	6	32	1.32	245	.09	2	1.76	.03	.24	1
S 900061	1	35	5	68	.2	13	10	258	3.50	3	5	ND	2	75	1	2	2	71	.47	.042	4	24	.69	89	.12	2	1.91	.03	.05	1
S 900062	1	89	6	119	.1	9	19	821	4.17	2	5	ND	1	56	1	2	2	108	.62	.086	4	10	1.77	99	.17	2	2.87	.03	.16	1
S 900063	1	68	9	79	.3	33	13	1161	3.57	5	5	ND	3	105	1	2	2	68	.85	.038	15	37	.90	288	.09	2	3.00	.04	.08	1
S 900064	1	104	9	131	.1	15	18	571	4.58	2	5	ND	1	47	1	2	2	109	.41	.111	3	14	1.74	90	.18	2	3.27	.03	.07	2
S 900065	1	62	8	62	.5	21	8	440	3.07	2	5	ND	1	67	1	2	2	62	1.15	.040	12	22	.51	250	.09	2	2.38	.04	.05	1
S 900066	1	46	7	74	.1	16	12	326	3.94	4	5	ND	2	17	1	2	2	86	.21	.166	2	27	.85	65	.12	2	2.24	.02	.09	2
S 900067	1	39	2	51	.1	20	11	265	3.88	2	5	ND	1	34	1	2	2	95	.41	.106	4	43	.66	77	.07	2	1.14	.03	.02	2
S 900068	1	41	3	61	.1	23	12	380	3.30	4	5	ND	1	22	1	2	2	65	.29	.088	5	38	.81	72	.08	2	1.71	.03	.03	1
S 900069	1	40	2	47	.1	23	13	528	4.08	3	5	ND	2	52	1	2	2	101	.66	.128	5	43	.74	76	.05	2	.83	.03	.09	2
S 900070	1	41	3	61	.1	28	12	239	3.45	4	5	ND	3	22	1	2	2	70	.28	.075	6	41	.77	70	.09	2	1.99	.03	.05	1
S 902034	1	111	5	109	.1	20	19	546	4.41	3	5	ND	2	54	1	2	2	145	.57	.159	4	25	1.43	82	.16	2	2.08	.03	.10	1
S 902035	1	137	2	100	.1	18	17	478	3.88	2	5	ND	2	35	1	2	2	120	.38	.126	3	23	1.21	56	.16	2	2.18	.03	.05	1
S 902036	1	124	7	90	.2	20	17	634	4.27	3	5	ND	2	40	1	2	2	124	.40	.135	4	29	1.28	65	.15	2	2.55	.03	.03	1
STD C	18	57	37	132	7.0	67	26	1026	3.90	35	16	7	38	49	17	18	20	56	.48	.083	37	57	.86	175	.08	32	1.81	.08	.12	11

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
S 902076	1	74	7	93	.1	23	17	399	4.69	2	5	ND	1	79	1	4	2	123	.45	.072	2	41	1.23	30	.20	2	2.24	.03	.04	1
S 902077	1	83	4	93	.2	19	16	387	4.16	3	5	ND	2	36	1	3	2	119	.32	.139	2	33	1.12	52	.15	2	2.28	.03	.04	1
S 902078	1	58	7	113	.1	26	18	799	4.25	3	5	ND	1	42	1	2	2	105	.39	.158	3	47	1.44	144	.17	2	2.71	.03	.11	1
S 902079	1	82	7	86	.2	44	19	416	4.77	5	5	ND	3	75	1	2	2	112	.52	.068	4	98	1.27	93	.18	2	2.43	.04	.05	1
S 902080	1	70	6	110	.1	65	26	727	5.33	2	5	ND	2	62	1	2	2	132	.53	.163	2	134	1.99	140	.16	2	2.43	.03	.26	1
S 902081	1	127	6	82	.5	45	18	732	4.24	6	5	ND	3	93	1	2	2	99	.82	.084	11	88	1.28	193	.11	2	2.70	.04	.08	1
S 902082	1	161	4	95	.1	50	26	695	5.58	5	5	ND	3	63	1	2	2	141	.84	.184	4	93	2.05	107	.15	2	2.31	.03	.58	1
S 902083	1	76	6	103	.4	19	15	799	3.61	2	5	ND	2	59	1	2	2	92	.66	.110	5	28	1.11	119	.11	2	2.20	.03	.14	1
S 902084	2	102	3	84	.1	50	22	2404	5.46	3	5	ND	3	176	1	2	2	129	1.09	.168	6	121	1.94	194	.12	2	2.08	.03	.31	1
S 902085	1	106	5	89	.4	13	17	701	3.83	2	5	ND	1	95	1	2	2	104	1.16	.081	4	21	1.54	448	.17	2	2.50	.04	.27	1
S 902086	1	103	3	103	.1	11	16	589	4.15	2	5	ND	2	26	1	2	2	100	.36	.135	2	12	1.72	125	.17	2	2.66	.02	.10	1
S 902087	1	65	6	91	.1	15	14	540	3.82	2	5	ND	2	26	1	2	2	88	.26	.078	3	24	1.25	121	.14	2	2.81	.02	.05	1
S 902088	1	114	6	89	.8	16	13	1137	3.28	3	5	ND	2	79	1	2	2	80	1.33	.065	20	19	.99	489	.10	2	2.76	.03	.05	1
S 902089	1	88	2	136	.1	9	21	812	5.13	2	5	ND	2	54	1	2	2	157	.61	.132	3	9	2.36	246	.20	2	3.13	.03	.30	1
S 902090	1	44	10	104	.1	9	16	454	4.44	2	5	ND	2	37	1	3	2	112	.31	.102	2	11	1.43	105	.18	2	2.98	.03	.07	1
S 902091	1	76	6	99	.1	20	18	779	4.18	3	5	ND	3	53	1	2	2	99	.56	.095	7	25	1.64	164	.14	2	2.58	.03	.31	1
S 902092	1	64	6	88	.1	12	14	586	3.77	4	5	ND	1	51	1	2	2	93	.46	.088	4	16	1.66	95	.12	2	2.42	.03	.23	1
S 902093	1	46	5	90	.1	12	13	388	3.94	4	5	ND	2	33	1	2	3	96	.25	.083	3	15	.95	125	.12	2	2.57	.02	.08	1
S 902094	1	113	2	156	.1	5	22	1337	4.87	3	5	ND	1	51	1	2	2	148	.49	.114	2	1	2.68	101	.18	2	3.05	.02	.50	1
S 902095	1	79	3	152	.1	7	19	1141	4.47	2	5	ND	1	53	1	2	2	138	.49	.139	3	7	1.80	78	.18	2	3.01	.03	.10	1
S 902096	1	46	7	98	.2	22	12	344	3.46	2	5	ND	3	22	1	2	2	68	.19	.117	5	25	.62	90	.14	2	3.62	.03	.05	1
S 902097	1	75	4	127	.2	16	16	600	4.29	2	5	ND	2	41	1	2	2	103	.37	.108	3	20	1.65	85	.17	2	3.29	.03	.05	1
S 902098	1	46	6	45	.1	30	17	469	7.29	2	5	ND	3	62	1	2	2	178	.88	.173	6	81	.76	73	.08	2	.94	.04	.08	2
S 902099	1	29	4	58	.1	22	10	193	4.28	3	5	ND	2	32	1	2	4	98	.31	.167	3	48	.56	57	.13	2	2.10	.03	.04	1
AP L1+00S 12+50E	2	94	33	347	.3	10	17	1355	3.84	67	5	ND	1	104	1	2	2	94	.90	.138	3	35	1.99	373	.18	2	2.29	.04	1.03	1
STD C	18	58	38	132	6.9	67	27	1030	3.96	39	17	7	38	49	17	17	20	56	.49	.084	37	61	.87	176	.08	36	1.84	.08	.12	13

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
S 902037	1	99	13	120	.1	18	19	1054	4.88	2	5	ND	2	66	1	2	2	156	.50	.146	3	25	1.68	131	.25	2	3.06	.03	.13	1
S 902038	1	136	8	96	.1	23	18	880	4.50	2	5	ND	2	149	1	2	2	149	1.28	.214	9	43	1.65	94	.13	2	2.02	.04	.18	1
S 902039	1	238	13	160	.2	26	31	1254	6.51	2	5	ND	4	181	1	2	2	255	1.81	.239	13	29	2.77	80	.13	2	3.69	.04	.59	1
S 902040	1	130	15	139	.1	28	27	993	5.75	2	5	ND	2	195	1	2	2	182	1.19	.169	7	37	2.22	125	.09	2	3.45	.04	.28	1
S 902041	1	107	12	142	.2	35	20	528	4.73	2	5	ND	3	86	1	2	2	113	.60	.216	6	48	1.26	126	.14	2	3.41	.04	.07	1
S 902042	1	76	8	96	.1	42	20	603	4.98	4	5	ND	2	114	1	2	2	117	.86	.136	6	91	1.57	118	.11	2	2.18	.04	.17	1
S 902043	1	132	10	103	.1	44	21	1041	5.23	5	5	ND	3	97	1	2	2	124	1.24	.132	12	73	1.85	140	.14	2	2.43	.05	.28	1
S 902044	1	79	11	72	.1	31	16	331	4.56	3	5	ND	2	82	1	2	2	111	.52	.135	4	61	1.02	107	.15	2	2.51	.04	.06	1
S 902045	1	236	9	110	.1	43	28	671	5.96	2	5	ND	2	93	1	2	2	166	.69	.165	5	63	1.89	141	.20	2	3.09	.04	.19	1
S 902046	1	106	10	98	.2	53	22	533	5.36	5	5	ND	2	96	1	2	2	138	.72	.143	4	112	1.62	106	.21	2	2.57	.04	.17	1
S 902047	1	131	8	86	.2	53	25	562	5.65	6	5	ND	2	78	1	2	2	154	.70	.127	3	100	1.97	131	.22	2	2.66	.04	.38	1
S 902048	1	128	7	90	.1	60	24	486	5.83	3	5	ND	1	64	1	2	2	150	.55	.099	3	128	1.96	118	.22	2	2.72	.03	.20	1
S 902049	1	128	7	94	.1	47	21	585	5.35	2	5	ND	1	67	1	2	2	134	.48	.109	3	93	1.36	152	.20	2	2.42	.04	.15	1
S 902050	1	62	9	111	.2	43	22	801	6.21	4	5	ND	3	34	1	2	2	142	.32	.099	7	78	1.69	149	.14	2	3.31	.03	.09	1
S 902051	1	44	12	120	.3	23	11	2438	2.77	2	5	ND	1	43	1	2	2	60	.76	.079	4	35	.65	286	.12	3	1.92	.03	.12	1
S 902052	1	39	7	98	.3	27	11	681	3.15	2	5	ND	2	40	1	2	2	66	.65	.078	5	36	.75	135	.13	2	2.71	.04	.06	1
S 902053	1	72	8	78	.5	27	11	348	3.69	6	5	ND	3	43	1	2	2	77	.49	.062	8	42	.85	106	.12	2	2.52	.03	.07	1
S 902054	1	33	9	92	.1	18	10	1024	3.39	2	5	ND	2	60	1	4	2	80	.58	.095	4	28	.74	140	.11	3	2.21	.04	.09	1
S 902055	1	35	7	81	.1	23	12	770	3.18	4	5	ND	2	57	1	2	2	73	.53	.066	5	32	.90	96	.13	2	2.26	.03	.07	1
S 902056	1	56	6	77	.1	28	14	565	3.79	5	5	ND	3	54	1	3	2	80	.56	.061	7	42	1.11	92	.15	2	2.59	.03	.10	1
S 902057	1	44	8	104	.3	32	12	651	3.43	2	5	ND	2	48	1	2	2	70	.51	.041	8	45	.96	102	.15	2	2.67	.04	.06	1
S 902058	1	88	10	94	.2	44	11	641	3.47	3	5	ND	3	46	1	2	2	65	.42	.040	14	49	.91	143	.11	2	3.84	.04	.07	1
S 902059	1	139	6	151	.1	7	23	1267	4.96	4	5	ND	2	97	1	2	2	145	.74	.108	4	5	2.55	189	.24	2	3.30	.03	.65	1
S 902060	1	40	9	82	.2	21	11	562	3.31	2	5	ND	2	52	1	2	2	71	.50	.097	5	30	.84	117	.14	2	2.55	.03	.08	1
S 902061	1	32	8	82	.4	25	11	499	3.25	4	5	ND	1	63	1	2	2	70	.68	.060	6	36	.68	197	.14	2	2.76	.04	.06	1
S 902062	1	36	6	76	.1	22	10	404	3.56	6	5	ND	2	50	1	2	2	78	.50	.066	6	41	.76	126	.15	2	2.14	.04	.05	1
S 902063	1	25	4	65	.1	25	13	399	3.77	2	5	ND	2	60	1	2	2	92	.73	.066	6	44	1.13	62	.17	2	2.16	.04	.07	1
S 902064	4	82	170	2766	1.7	30	10	6793	5.62	75	5	ND	3	86	12	2	2	94	2.21	.097	12	34	.56	238	.04	2	2.19	.03	.07	3
S 902065	1	39	12	122	.4	23	10	589	2.95	7	5	ND	1	76	1	3	2	60	1.40	.050	6	33	.75	138	.10	2	2.28	.04	.06	1
S 902066	1	64	2	54	.1	12	10	240	3.48	2	5	ND	1	139	1	2	2	113	.69	.083	2	22	.84	32	.20	2	1.76	.03	.03	1
S 902067	1	95	2	77	.1	17	16	429	3.96	2	5	ND	1	105	1	2	2	127	.63	.096	3	25	1.60	53	.19	2	2.37	.03	.09	1
S 902068	1	139	4	93	.1	19	19	462	4.23	2	5	ND	2	79	1	2	2	143	.61	.118	3	28	1.53	67	.23	2	2.89	.03	.10	1
S 902069	1	79	7	85	.1	20	16	861	4.13	6	5	ND	2	72	1	2	2	117	.54	.093	4	31	1.20	83	.20	2	2.92	.03	.07	1
S 902070	1	53	2	100	.1	12	13	1143	3.14	2	5	ND	1	89	1	3	2	89	.51	.105	2	17	.99	49	.17	2	2.04	.03	.03	1
S 902071	1	26	2	77	.2	13	13	415	3.77	2	5	ND	1	91	1	2	2	109	.58	.078	2	21	1.10	54	.23	2	1.54	.04	.05	1
S 902072	1	87	6	92	.1	25	18	540	4.80	3	5	ND	3	109	1	2	2	144	.70	.130	6	40	1.36	75	.21	2	2.97	.04	.06	1
S 902073	1	90	3	117	.1	29	19	839	5.09	4	5	ND	3	74	1	2	2	133	.54	.131	5	44	1.56	138	.18	2	3.64	.04	.12	1
S 902074	1	133	6	101	.2	27	17	897	4.67	5	5	ND	3	88	1	2	2	127	.90	.093	8	43	1.31	167	.16	2	2.72	.04	.25	1
S 902075	2	71	13	137	.6	21	9	687	2.58	6	5	ND	2	186	1	2	2	82	1.59	.079	10	45	.62	149	.07	3	2.14	.04	.07	1
STD C	18	57	37	132	6.7	67	26	1029	3.95	36	20	7	38	49	17	17	21	55	.49	.083	37	58	.87	174	.08	31	1.84	.08	.12	11

SAMPLE#	Au PPB	Pt PPB	Pd PPB
902034	2	2	10
902035	5	2	7
902036	1	2	7
902037	1	2	5
902038	2	2	15
902039	1	3	20
902040	1	2	16
902041	1	2	4
902042	2	4	5
902043	3	3	8
902044	1	5	8
902045	3	3	9
902046	1	3	6
902047	1	3	7
902048	1	5	7
902049	3	3	12
902050	2	3	7
902051	1	2	2
902052	2	2	2
902053	2	2	2
902054	1	2	2
902055	2	2	2
902056	5	2	2
902057	6	2	2
902058	1	2	2
902059	4	3	6
902060	1	2	7
902061	2	2	10
902062	11	4	2
902063	2	2	2
902064	1	2	2
902065	1	2	2
902066	1	2	3
902067	3	2	7
902068	1	2	10
902069	1	2	4
DETECTION LIMIT	1	2	2

SAMPLE#	Au PPB	Pt PPB	Pd PPB
902070	2	2	4
902071	1	3	7
902072	1	2	11
902073	1	2	5
902074	2	2	6
902075	1	3	18
902076	3	4	12
902077	1	2	8
902078	1	2	4
902079	1	3	7
902080	1	4	8
902081	1	4	15
902082	1	5	10
902083	1	3	9
902084	4	4	19
902085	1	4	8
902086	4	4	6
902087	1	3	4
902088	1	3	10
902089	1	5	7
902090	10	4	5
902091	2	2	6
902092	2	2	4
902093	1	2	2
902094	6	4	8
902095	1	3	6
902096	3	2	4
902097	2	2	4
902098	2	7	7
902099	4	30	31
L1+00S 12+50E	3	3	5
DETECTION LIMIT	1	2	2

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011
DATE RECEIVED: SEPT 25 1987
DATE REPORT MAILED: Oct. 10/87

GEOCHEMICAL ICP-MS ANALYSIS

10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP MASS SPECTROMETER.
- SAMPLE TYPE: Pulp

SOIL #400

ASSAYER: D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

A & M EXPLORATION File # 87-4435 Page 1

SAMPLE#	Au PPB	Pt PPB	Pd PPB
900035	20	2	3
900036	2	2	6
900037	1	2	7
900038	1	2	5
900039	2	2	6
900040	9	2	7
900041	7	2	2
900042	1	2	3
900043	2	2	2
900044	3	2	6
900045	3	3	6
900046	1	2	2
900047	1	2	2
900048	1	3	3
900049	1	3	5
900050	1	2	2
900051	3	2	4
900052	3	2	7
900053	1	2	2
900054	5	4	3
900055	1	7	4
900056	7	4	7
900057	4	4	17
900058	1	2	2
900059	5	2	3
900060	2	2	6
900061	1	2	2
900062	2	3	5
900063	2	2	4
900064	3	3	6
900065	5	2	2
900066	2	3	3
900067	3	7	7
900068	2	2	2
900069	2	8	7
900070	14	2	3

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011
DATE RECEIVED: NOV 13 1987
DATE REPORT MAILED: Dec. 1/87....

GEOCHEMICAL ICP-MS ANALYSIS

10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP MASS SPECTROMETER.
- SAMPLE TYPE: Pulp

ASSAYER: .. DEAN TOYE, CERTIFIED B.C. ASSAYER

A & M EXPLORATION File # 87-5618 Page 1

SAMPLE#	Au PPB	Pt PPB	Pd PPB
903001	2	2	15
903002	3	3	26
903003	5	3	15
903004	2	3	12
903005	3	2	15
903006	3	3	10
903007	5	2	16
903008	4	3	31
903009	2	3	11
903010	3	3	10
903011	84	2	69
903012	3	3	8
903013	2	3	8
903014	1	5	15
903015	1	3	9
903016	1	2	6
903017	1	2	2
903018	1	2	3
903019	1	4	3
903020	1	2	2
903021	1	2	2
903022	3	2	2
903023	2	15	8
903024	1	3	4
903025	1	2	2
903026	1	3	5
903027	1	2	2
903028	2	2	2
903029	1	2	2
903030	2	4	6
903031	3	3	2
903032	152	2	2
903033	1	2	2
903034	5	2	2
903035	1	2	3
903036	1	2	4
DETECTION LIMIT	1	2	2

SAMPLE#	Au PPB	Pt PPB	Pd PPB
903037	1	2	7
903038	1	2	5
903039	1	2	14
903040	2	2	10
903041	1	2	4
903042	2	4	7
903043	1	2	8
903044	2	63	6
903045	1	2	7
903046	1	2	10
903047	2	4	10
903048	1	3	8
903049	2	5	9
903050	2	2	9
903051	1	3	14
903052	1	2	11
903053	1	2	4
903054	27	2	3
903055	1	2	3
903056	1	61	4
903057	2	7	7
903058	1	3	5
903059	2	4	6
903060	1	4	13
903061	1	2	5
903062	1	2	3
903063	1	2	3
903064	1	18	8
903065	1	4	10
903066	5	4	4
903067	1	3	2
903068	1	2	2
DETECTION LIMIT	1	2	2

APPENDIX II

Affidavit of Expenses

AFFIDAVIT OF EXPENSES

This will certify that the work program covered by this report was carried out during the period September 11 to 15, 1987, on the LODE Claims, Similkameen Mining Division, British Columbia to the value of the following:

Mobilization and Fieldwork	
Salaries	
D. Morneau	$ 1,750.00
B. Stewart	1,000.00
C. Hopping	1,000.00
J. Cuvelier	800.00
Assaying	5,152.50
Field Supplies	717.00
Room and Board	851.00
Equipment Rental	140.00
Communication	25.30
Transportation	1,094.20
Report	
D.G. Allen	1,800.00
Typing and Compilation	500.00
Drafting	1,000.00
TOTAL	**$15,830.00**

Donald G. Allen,

P. Eng. (B. C.

APPENDIX III

STATISTICAL TREATMENT OF ANALYTICAL RESULTS

ROSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

STATISTICAL REPORT

To: A&M EXPLORATION LTD.
714-850 WEST HASTINGS STREET
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: CU

Sample Type: Soil

CLASS INTERVAL	CLASS FREQUENCY	RELATIVE FREQUENCY%	CUMULATIVE FREQUENCY%	CLASS MEAN
0 - 25	4	1.73	1.73	17.50
26 - 50	45	19.48	21.21	41.64
51 - 75	49	21.21	42.42	62.92
76 - 100	41	17.75	60.17	86.85
101 - 125	25	10.82	70.99	112.08
126 - 150	27	11.69	82.68	135.59
151 - 175	13	5.63	88.31	162.38
176 - 200	9	3.90	92.21	185.44
201 - 225	2	0.87	93.08	211.00
226 - 250	5	2.16	95.24	236.60
251 - 275	3	1.30	96.54	268.00
276 - 300	0	0.00	96.54	0.00
301 - 325	2	0.87	97.41	318.00
326 - 350	3	1.30	98.71	342.00
351 - 375	0	0.00	98.71	0.00
376 - 400	0	0.00	98.71	0.00
401 - 425	1	0.43	99.14	423.00
426 - 450	0	0.00	99.14	0.00
451 - 475	0	0.00	99.14	0.00
476 - 500	0	0.00	99.14	0.00
501 - 525	0	0.00	99.14	0.00
526 - 550	0	0.00	99.14	0.00
551 - 575	1	0.43	99.57	565.00
576 - 600	1	0.43	100.00	589.00

	For Statistics	For All Data
Number of Samples:	231	231
Arithmetic Mean :	105.97	N.A.
Standard Deviation :	79.23001	N.A.
Minimum Value :	11	11
Maximum Value :	589	589
Range :	1 -- 9999 PPM	11 -- 589 PPM

File(s) used for Statistics:

874678 875600 874492

ROSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

STATISTICAL REPORT

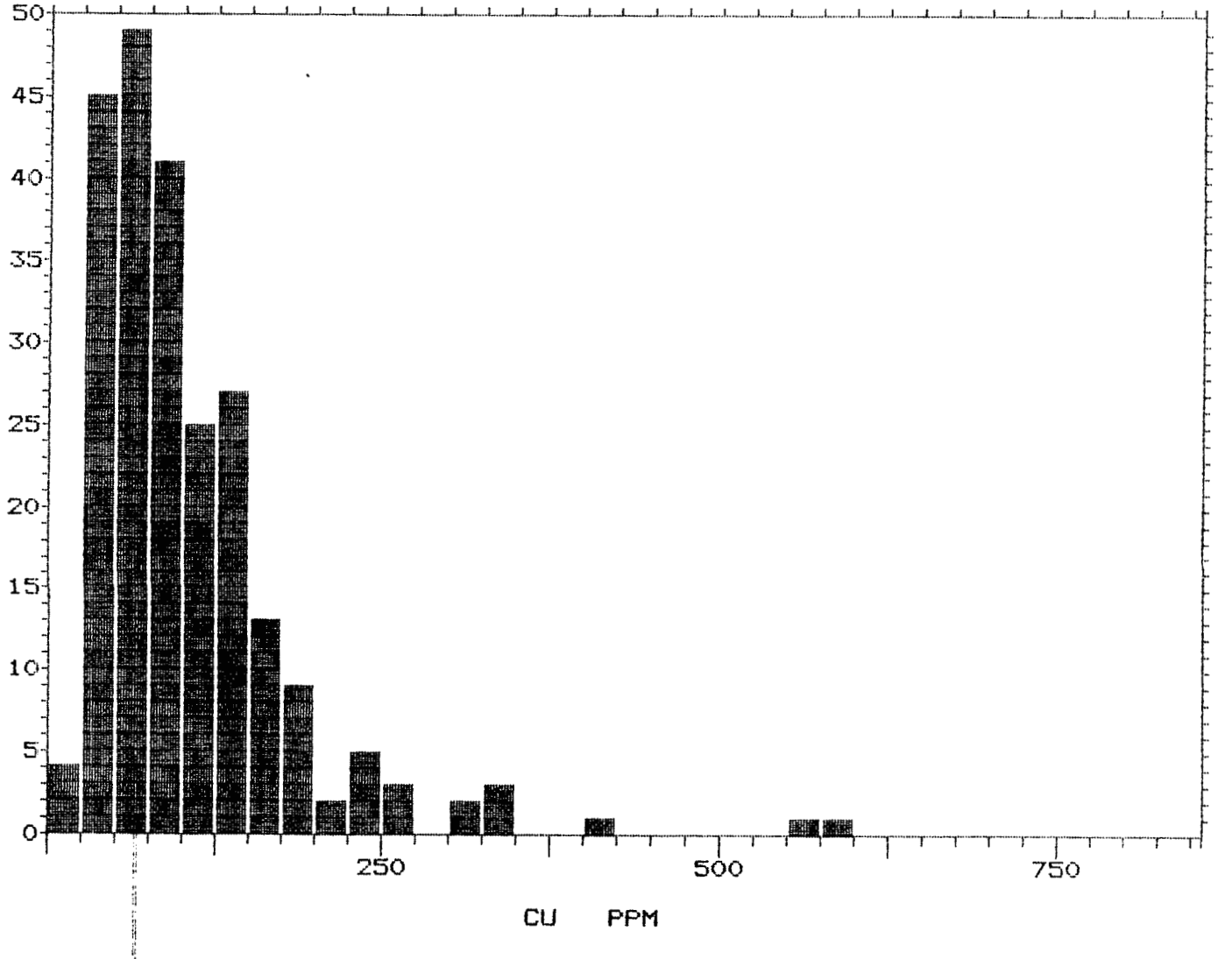
To: A&M EXPLORATION LTD.
714-850 WEST HASTINGS STREET
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: CU

Sample Type: Soil

Frequency Histogram



ROSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

STATISTICAL REPORT

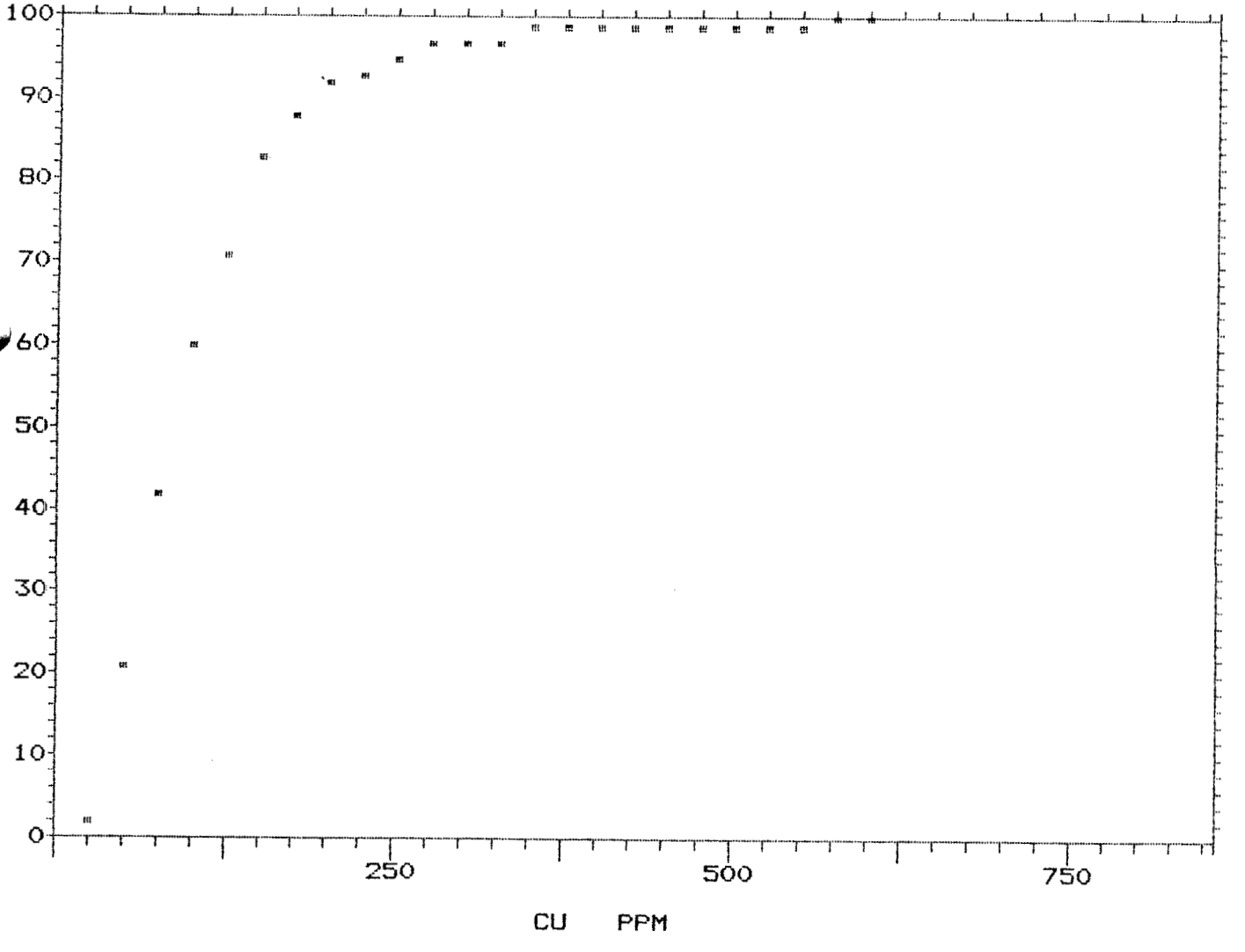
To: A&M EXPLORATION LTD.
714-850 WEST HASTINGS STREET
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: CU

Sample Type: Soil

Cumulative Frequency Histogram



ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

STATISTICAL REPORT

To: A&M EXPLORATION LTD.
714-850 WEST HASTINGS STREET
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: ZN

Sample Type: Soil

CLASS INTERVAL	CLASS FREQUENCY	RELATIVE FREQUENCY%	CUMULATIVE FREQUENCY%	CLASS MEAN
0 - 7	0	0.00	0.00	0.00
8 - 14	1	0.44	0.44	14.00
15 - 21	0	0.00	0.44	0.00
22 - 28	0	0.00	0.44	0.00
29 - 35	0	0.00	0.44	0.00
36 - 42	0	0.00	0.44	0.00
43 - 49	3	1.31	1.75	46.67
50 - 56	7	3.06	4.81	53.43
57 - 63	9	3.93	8.74	60.67
64 - 70	16	6.99	15.73	66.38
71 - 77	25	10.92	26.65	74.24
78 - 84	22	9.61	36.26	81.18
85 - 91	28	12.23	48.49	88.04
92 - 98	33	14.41	62.90	94.91
99 - 105	27	11.79	74.69	102.11
106 - 112	15	6.55	81.24	109.00
113 - 119	11	4.80	86.04	116.18
120 - 126	9	3.93	89.97	122.56
127 - 133	9	3.93	93.90	129.89
134 - 140	5	2.18	96.08	137.40
141 - 147	2	0.87	96.95	141.50
148 - 154	3	1.31	98.26	151.67
155 - 161	3	1.31	99.57	157.00
162 - 168	1	0.44	100.00	167.00

	For Statistics	For All Data
Number of Samples:	229	231
Arithmetic Mean :	93.36	N.A.
Standard Deviation :	24.13	N.A.
Minimum Value :	14	11
Maximum Value :	167	2766
Range :	1 -- 300 PPM	11 -- 2766 PPM

File(s) used for Statistics:

874678 875600 874492

OSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

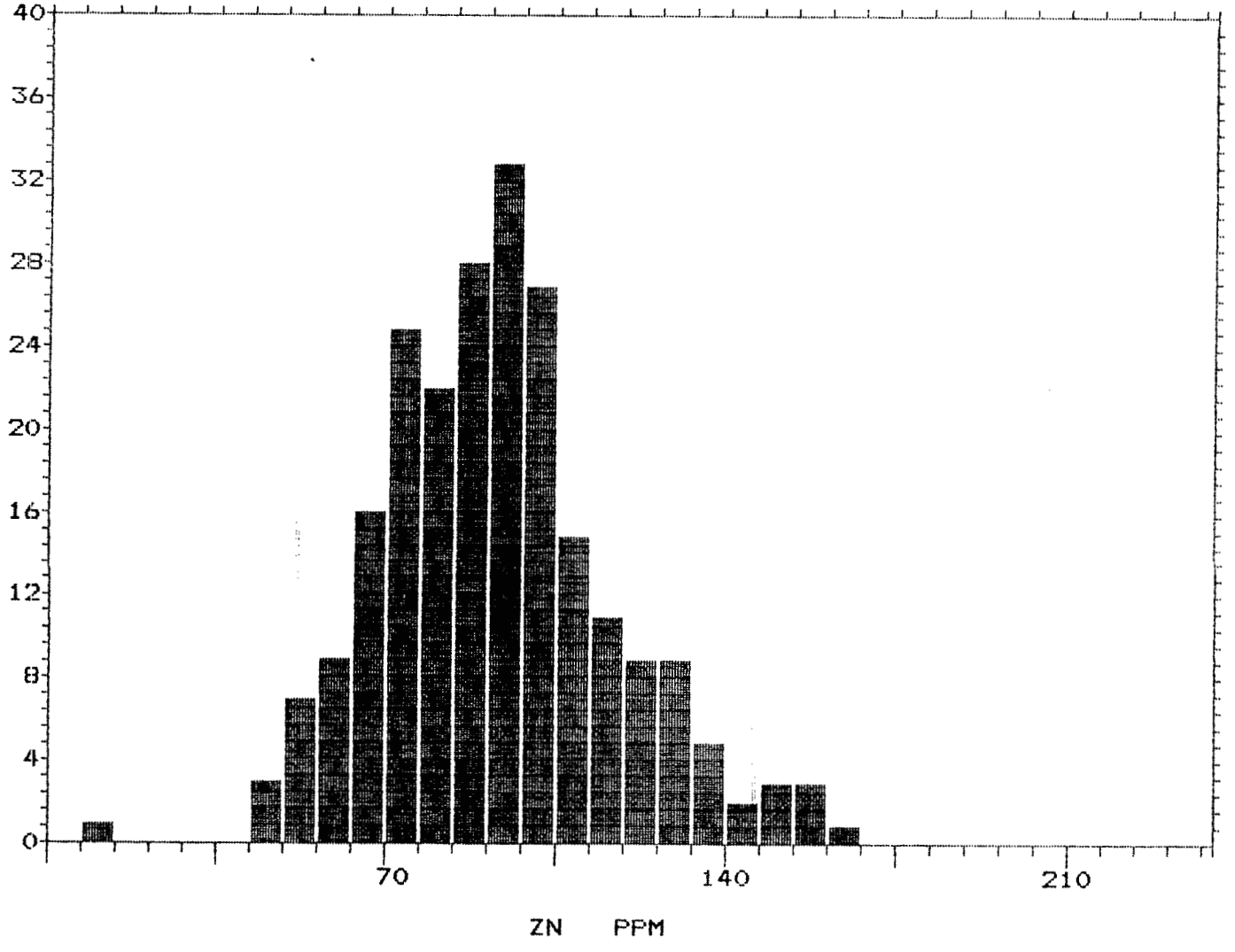
STATISTICAL REPORT

To: A&M EXPLORATION LTD.
714-850 WEST HASTINGS STREET
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: ZN
Sample Type: Soil

Frequency Histogram



ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

STATISTICAL REPORT

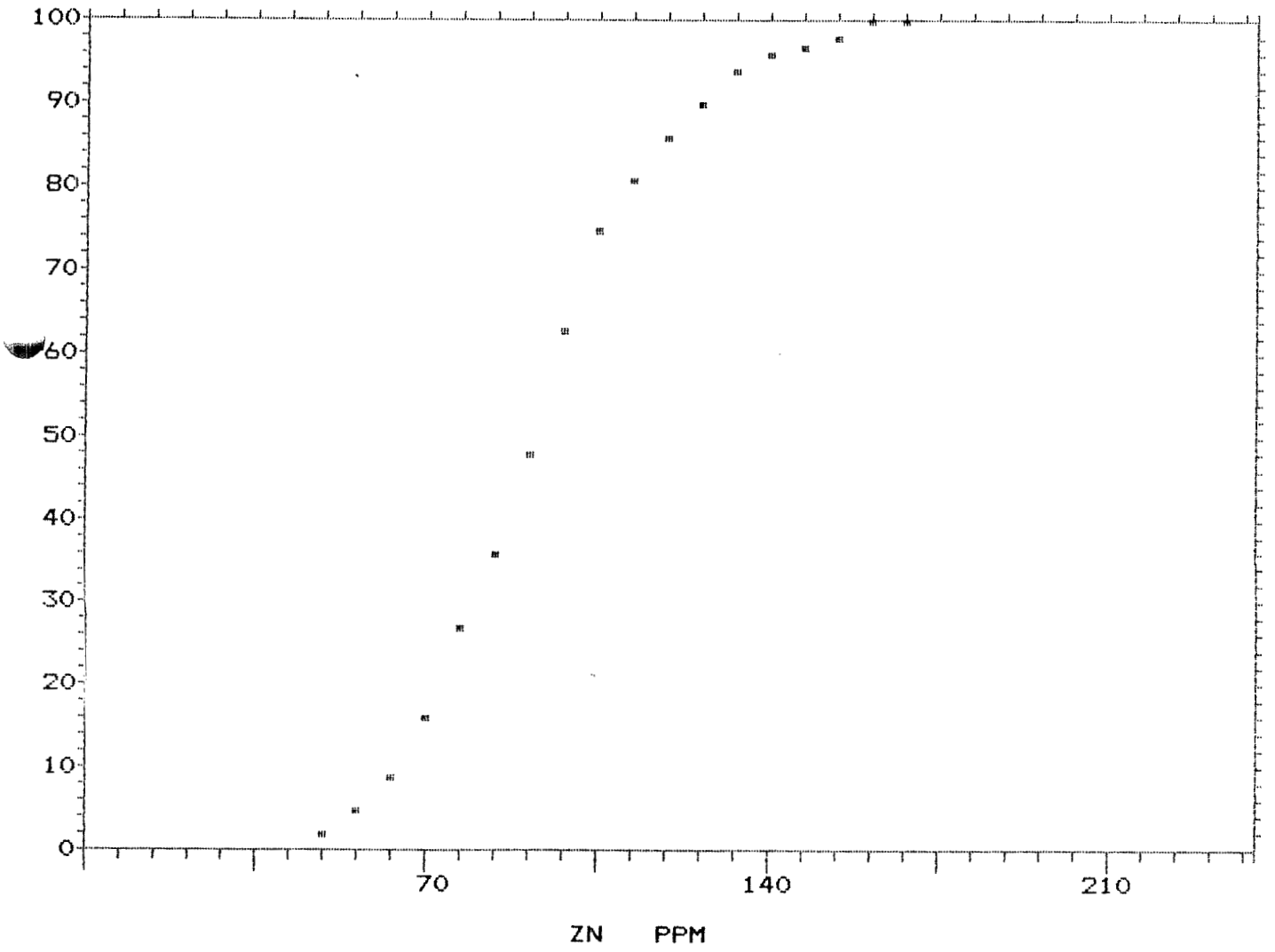
To: A&M EXPLORATION LTD.
714-850 WEST HASTINGS STREET
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: ZN

Sample Type: Soil

Cumulative Frequency Histogram



ROSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

STATISTICAL REPORT

To: A&M EXPLORATION LTD.
714-850 WEST HASTINGS STREET
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: NI

Sample Type: Soil

CLASS INTERVAL	CLASS FREQUENCY	RELATIVE FREQUENCY%	CUMULATIVE FREQUENCY%	CLASS MEAN
0 - 4	0	0.00	0.00	0.00
5 - 8	4	1.73	1.73	6.50
9 - 12	15	6.49	8.22	10.80
13 - 16	15	6.49	14.71	14.80
17 - 20	34	14.72	29.43	18.91
21 - 24	34	14.72	44.15	22.44
25 - 28	38	16.45	60.60	26.29
29 - 32	19	8.23	68.83	30.53
33 - 36	26	11.26	80.09	34.23
37 - 40	7	3.03	83.12	37.86
41 - 44	14	6.06	89.18	42.43
45 - 48	4	1.73	90.91	46.00
49 - 52	8	3.46	94.37	49.88
53 - 56	3	1.30	95.67	53.67
57 - 60	3	1.30	96.97	58.33
61 - 64	1	0.43	97.40	61.00
65 - 68	1	0.43	97.83	65.00
69 - 72	1	0.43	98.26	70.00
73 - 76	1	0.43	98.69	76.00
77 - 80	1	0.43	99.12	79.00
81 - 84	0	0.00	99.12	0.00
85 - 88	1	0.43	99.55	85.00
89 - 92	1	0.43	99.98	90.00
93 - 96	0	0.00	100.00	0.00

	For Statistics	For All Data
Number of Samples:	231	231
Arithmetic Mean :	28.52	N.A.
Standard Deviation :	13.82	N.A.
Minimum Value :	5	5
Maximum Value :	90	90
Range :	1 -- 500 PPM	5 -- 90 PPM

File(s) used for Statistics:

874678 875600 874492

OSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

STATISTICAL REPORT

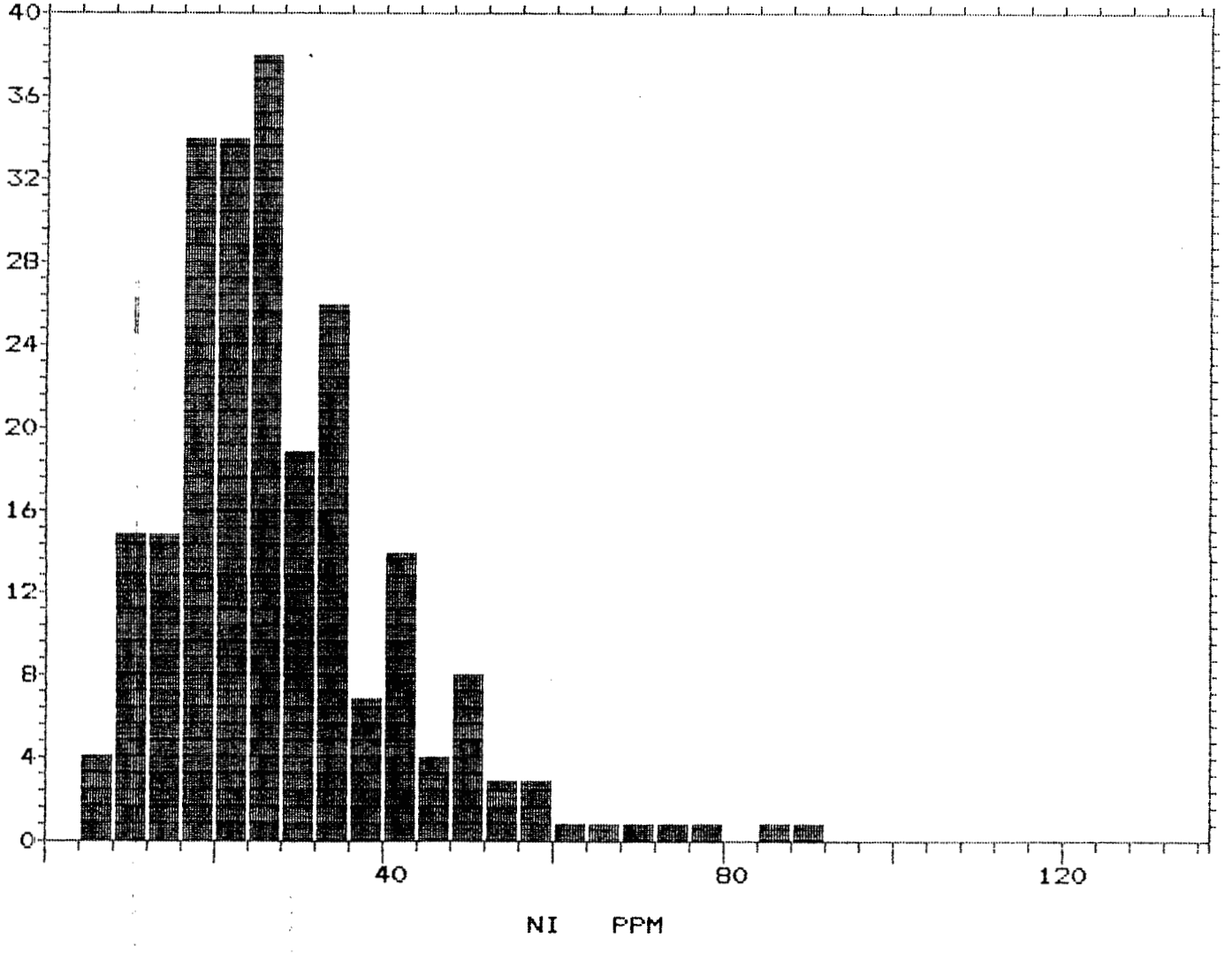
To: A&M EXPLORATION LTD.
714-850 WEST HASTINGS STREET
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: NI

Sample Type: Soil

Frequency Histogram



OSSBACHER LABORATORY LTD.
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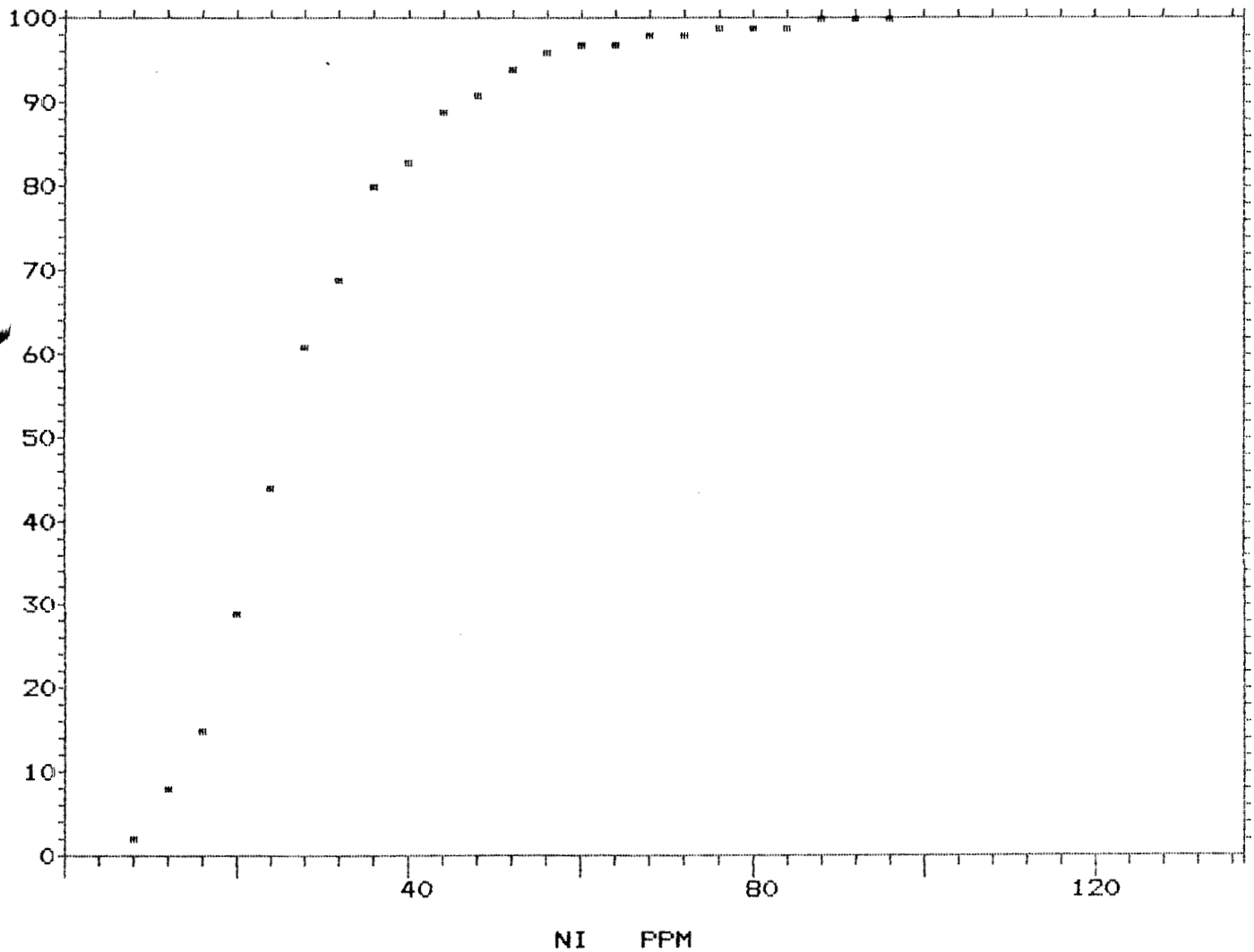
714-850 WEST HASTINGS STREET
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: NI

Sample Type: Soil

Cumulative Frequency Histogram



ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

STATISTICAL REPORT

To: A&M EXPLORATION LTD.
714-850 WEST HASTINGS STREET
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: CR

Sample Type: Soil

CLASS INTERVAL	CLASS FREQUENCY	RELATIVE FREQUENCY%	CUMULATIVE FREQUENCY%	CLASS MEAN
0 - 8	5	2.16	2.16	5.60
9 - 16	13	5.63	7.79	12.38
17 - 24	20	8.66	16.45	20.85
25 - 32	34	14.72	31.17	28.03
33 - 40	43	18.61	49.78	35.95
41 - 48	36	15.58	65.36	44.00
49 - 56	19	8.23	73.59	53.16
57 - 64	15	6.49	80.08	61.67
65 - 72	9	3.90	83.98	68.33
73 - 80	6	2.60	86.58	75.67
81 - 88	10	4.33	90.91	84.10
89 - 96	6	2.60	93.51	92.67
97 - 104	4	1.73	95.24	100.00
105 - 112	2	0.87	96.11	112.00
113 - 120	2	0.87	96.98	115.50
121 - 128	2	0.87	97.85	124.50
129 - 136	1	0.43	98.28	134.00
137 - 144	1	0.43	98.71	139.00
145 - 152	1	0.43	99.14	145.00
153 - 160	0	0.00	99.14	0.00
161 - 168	1	0.43	99.57	162.00
169 - 176	0	0.00	99.57	0.00
177 - 184	1	0.43	100.00	180.00
185 - 192	0	0.00	100.00	0.00

	For Statistics	For All Data
Number of Samples:	231	231
Arithmetic Mean :	47.42	N.A.
Standard Deviation :	29.01	N.A.
Minimum Value :	1	1
Maximum Value :	180	180
Range :	1 --- 9999 PPM	1 --- 180 PPM

File(s) used for Statistics:

874678 875600 874492

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STATISTICAL REPORT

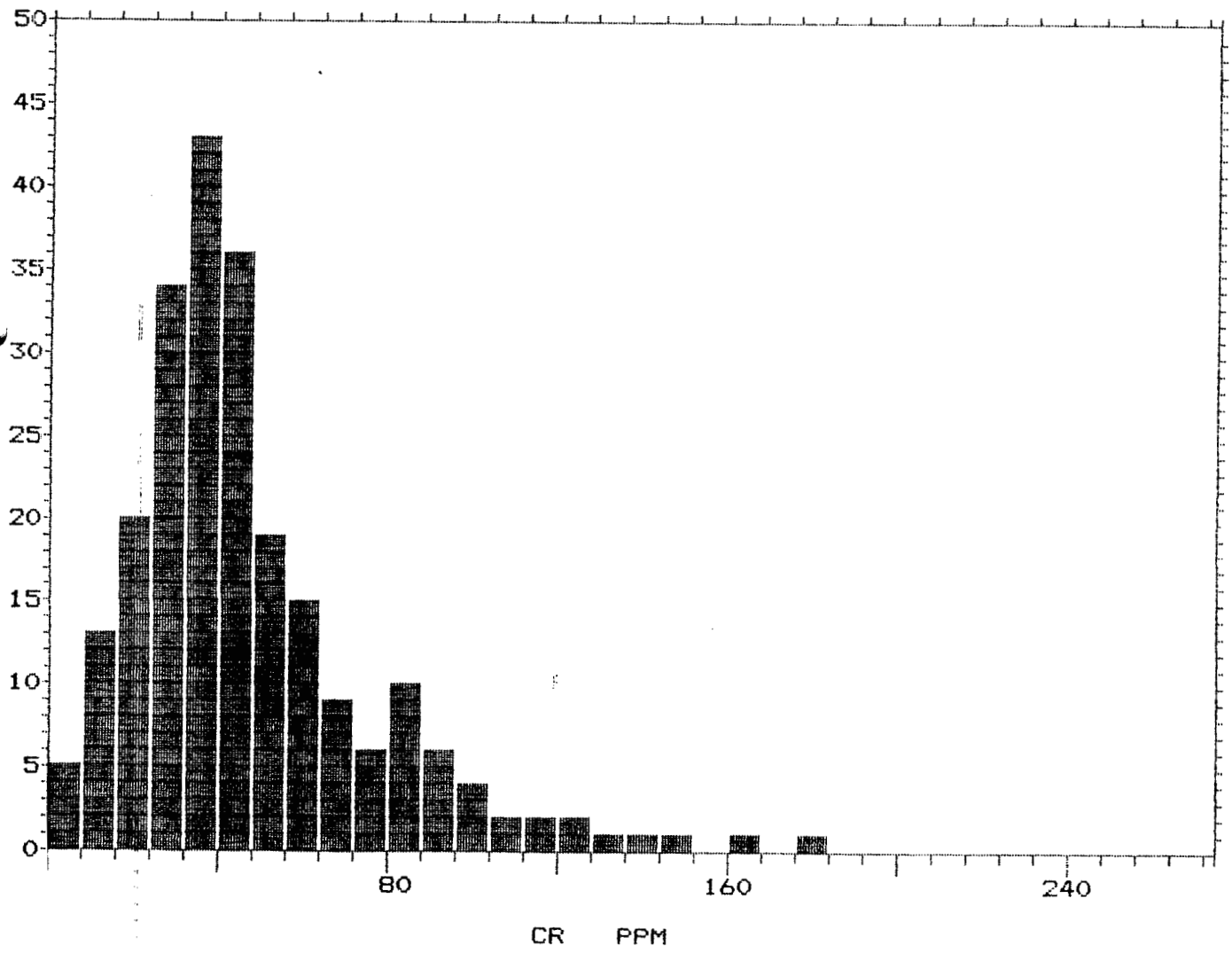
To: A&M EXPLORATION LTD.
714-850 WEST HASTINGS STREET
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: CR

Sample Type: Soil

Frequency Histogram



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STATISTICAL REPORT

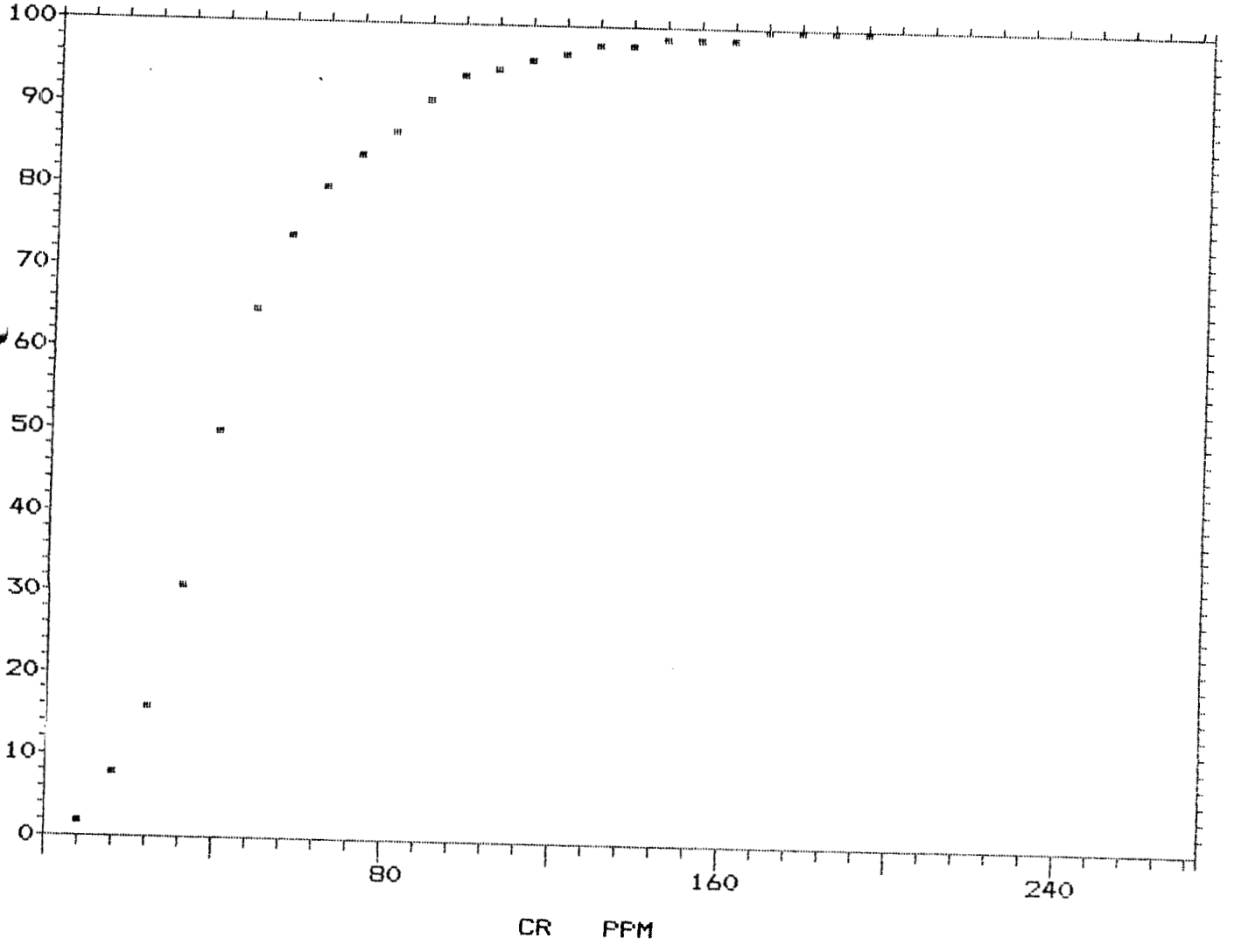
To: A&M EXPLORATION LTD.
714-850 WEST HASTINGS STREET
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: CR

Sample Type: Soil

Cumulative Frequency Histogram



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STATISTICAL REPORT

To: A&M EXPLORATION LTD.
714-850 WEST HASTINGS STREET
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: Pd
Sample Type: Soil

CLASS INTERVAL	CLASS FREQUENCY	RELATIVE FREQUENCY%	CUMULATIVE FREQUENCY%	CLASS MEAN
0 - 3	72	31.03	31.03	2.26
4 - 6	59	25.43	56.46	4.97
7 - 9	47	20.26	76.72	7.74
10 - 12	28	12.07	88.79	10.79
13 - 15	14	6.03	94.82	14.36
16 - 18	4	1.72	96.54	16.75
19 - 21	3	1.29	97.83	19.67
22 - 24	1	0.43	98.26	24.00
25 - 27	1	0.43	98.69	26.00
28 - 30	0	0.00	98.69	0.00
31 - 33	2	0.86	99.55	31.00
34 - 36	0	0.00	99.55	0.00
37 - 39	0	0.00	99.55	0.00
40 - 42	0	0.00	99.55	0.00
43 - 45	0	0.00	99.55	0.00
46 - 48	0	0.00	99.55	0.00
49 - 51	0	0.00	99.55	0.00
52 - 54	0	0.00	99.55	0.00
55 - 57	0	0.00	99.55	0.00
58 - 60	0	0.00	99.55	0.00
61 - 63	0	0.00	99.55	0.00
64 - 66	0	0.00	99.55	0.00
67 - 69	1	0.43	99.98	69.00
70 - 72	0	0.00	100.00	0.00

	For Statistics	For All Data
Number of Samples:	232	232
Arithmetic Mean :	7.03	N.A.
Standard Deviation :	6.46	N.A.
Minimum Value :	2	2
Maximum Value :	69	69
Range :	1 -- 1000	2 -- 69

File(s) used for Statistics:

LODE-PD 874678 875600 874492

ROSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
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STATISTICAL REPORT

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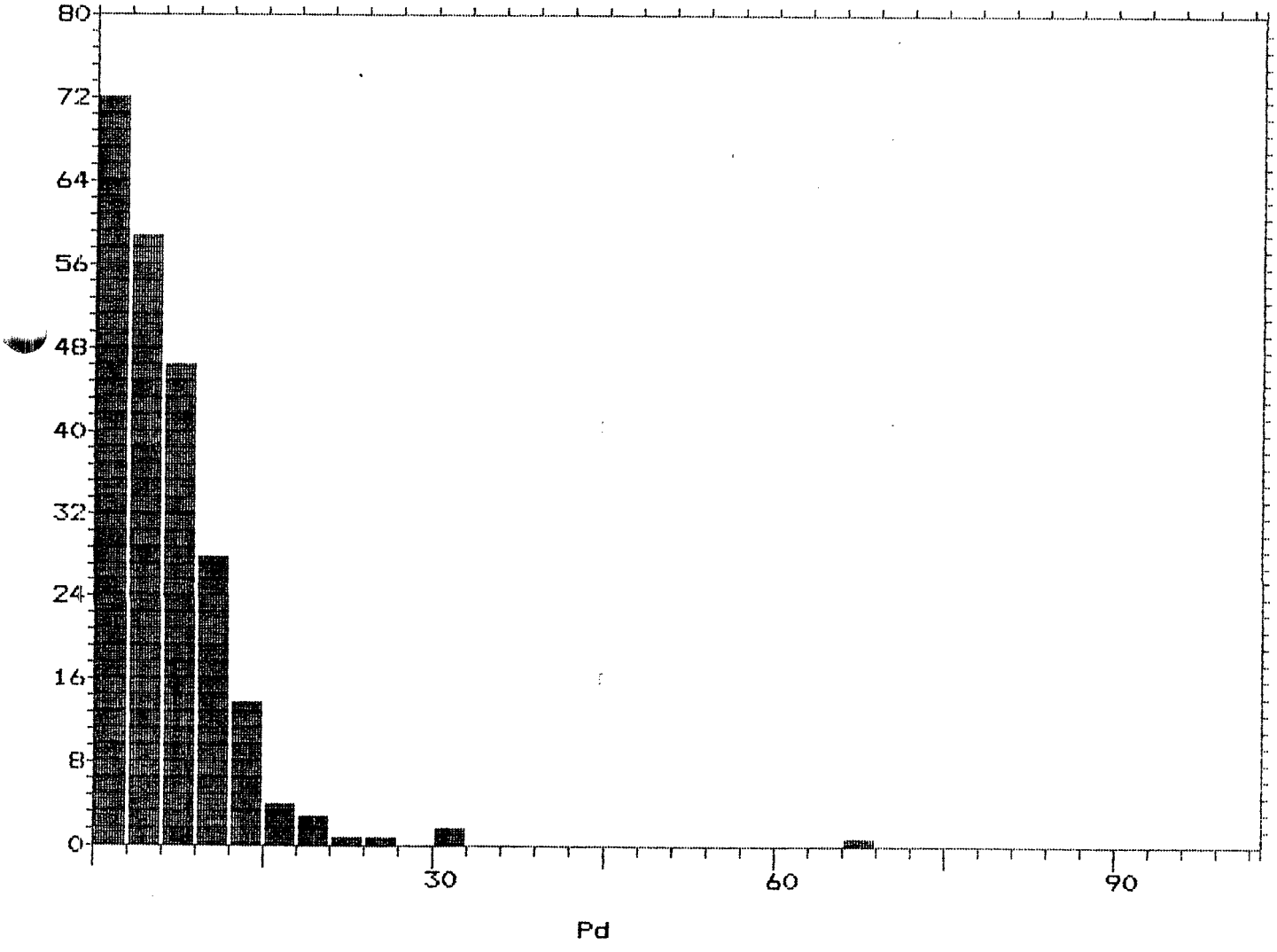
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: Pd

Sample Type: Soil

Frequency Histogram



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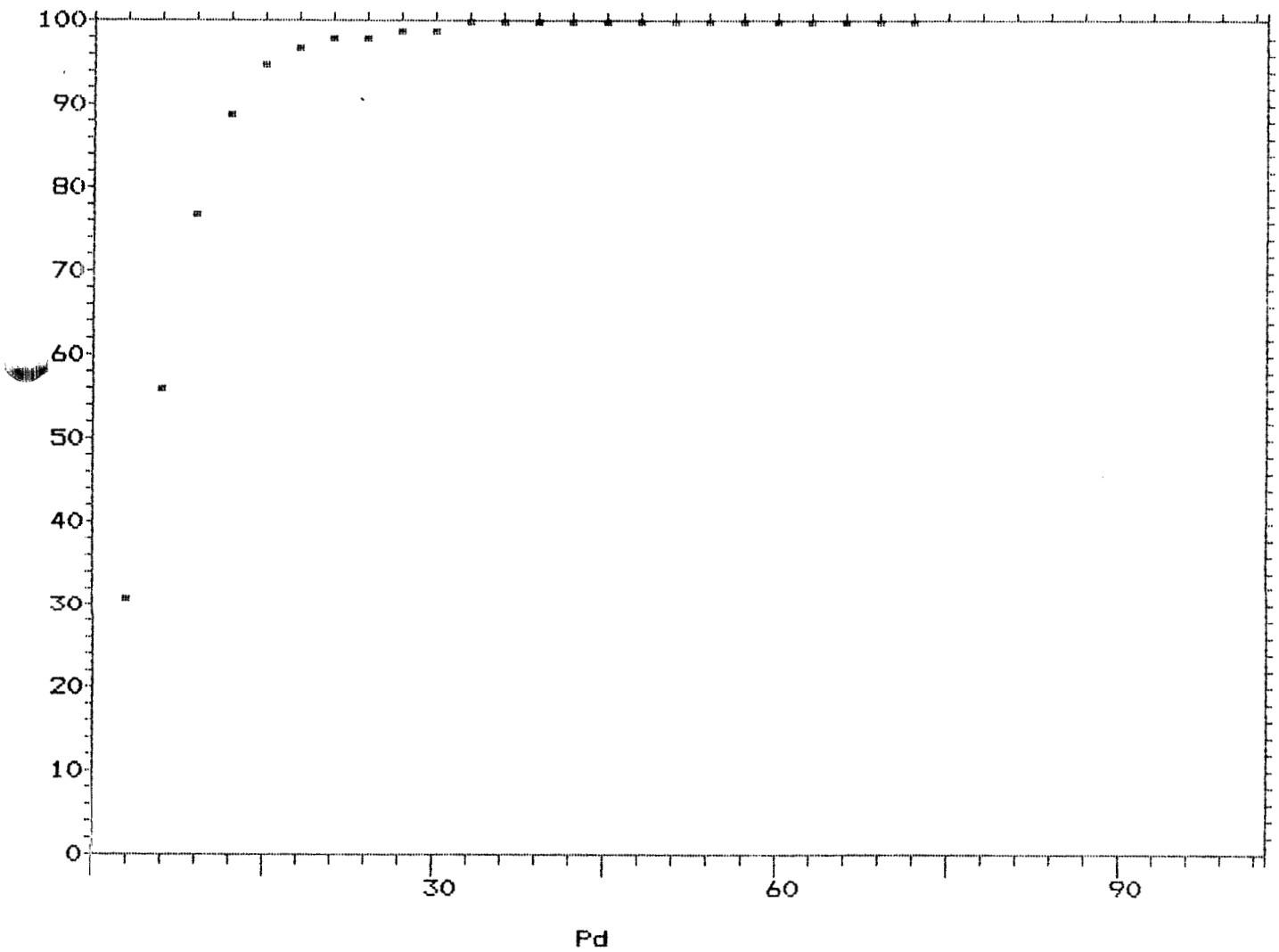
VANCOUVER, B.C.

Project: LODE CLAIMS
Date: 87-12-05

Element: Pd

Sample Type: Soil

Cumulative Frequency Histogram



LODE I

LODE II

LODE III

LODE IV

Olivine Creek

5000

5500

4800

5000

ROAD

ROAD

ROAD

BASELINE (0N)

L0N

L2E

L4E

L0E,0W

L3N

L5N

L7N

L9N

L11N

15N

10N

5N

Lodestone L.

Lodestone Mountain

6218

N.T.S. 92H 7

LEGEND

Soil sample - site, numbers, & values
Ni, Cu, Pb, Zn, Mo, Ag, Au, Zn (where anomalous)

Claim boundary.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,661

INTER CANADIAN DEVELOPMENT CORP.

LODE CLAIMS

SIMILKAMEEN MINING DIVISION - BRITISH COLUMBIA

GEOCHEMICAL MAP

SCALE
1 : 5,000

250 0 250 METRES
500 0 500 FEET

A·M exploration ltd.

December, 1987

Figure 5