

MINERAL RESOURCES BRANCH

Assessment Report

10,497

NO.

GEOPHYSICAL AND GEOCHEMICAL REPORT ON THE
DALRYMPLE AND DALRYMPLE 2 CLAIMS, ASPEN GROVE, B.C.,
NICOLA MINING DIVISION (92H/15E)

LATITUDE: 49°53'

LONGITUDE: 120°38'

OWNER AND OPERATOR:

LORNEX MINING CORPORATION LTD.
P.O. Box 10335, Stock Exchange Tower
1650 - 609 Granville Street
Vancouver, B. C.
V7Y 1G5

By: Peter A. Christopher, PhD, P. Eng.
PETER CHRISTOPHER & ASSOC. INC.
3707 West 34th Avenue
Vancouver, B. C.

January 1982

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INTRODUCTION

The Dalrymple and Dalrymple 2 claims comprising 38 units (950 ha) are located in the Intermontane Tectonic Belt and Thompson Plateau physiographic province of the southern Canadian Cordillera. The claims are situated along the west side of Highway 5 at old Aspen Grove (Figs. 1 & 2), and extend westward from the valley of Otter Creek with the Dalrymple claim extending 3 units west and 6 units north and the Dalrymple 2 claim extending 5 units west and 4 units south. Elevations on the claims range from about 975 metres in the Otter Creek valley to about 1250 metres in the northwestern part of the claims. The southeastern part of the claim area is generally grass covered rolling hills with the exception of the incised Otter Creek valley. Logging of pine and fir has occurred in the western part of the claims but the present land use is mainly cattle range for the Douglas Lake Cattle Company.

Access is via Highway 5 and the Coalmont Road from Merritt or Princeton and numerous secondary logging or ranch roads. The surface rights to L909 and mineral and surface rights to L720 and L905 are held by the Douglas Lake Cattle Company.

HISTORY

The property was staked by John Cathro for Lornex Mining Corporation Ltd. in July, 1981. The significant claim data is summarized in Table 1.

TABLE 1 CLAIM DATA

<u>NAME</u>	<u>UNITS</u>	<u>RECORD NO.</u>	<u>STAKED</u>	<u>RECORDED</u>	<u>WORK</u>
Dalrymple	18	1120(8)	July 8-9/81	Aug. 5/81	Summary
Dalrymple 2	20	1121(8)	July 10/11/81	Aug. 5/81	in this Report

The claims were acquired to examine an airborne magnetic feature on government aeromagnetic map 8532G.



Fig. 1. Index map for the Dalrymple Claims.

d
50°
e
f
49°
g
2.

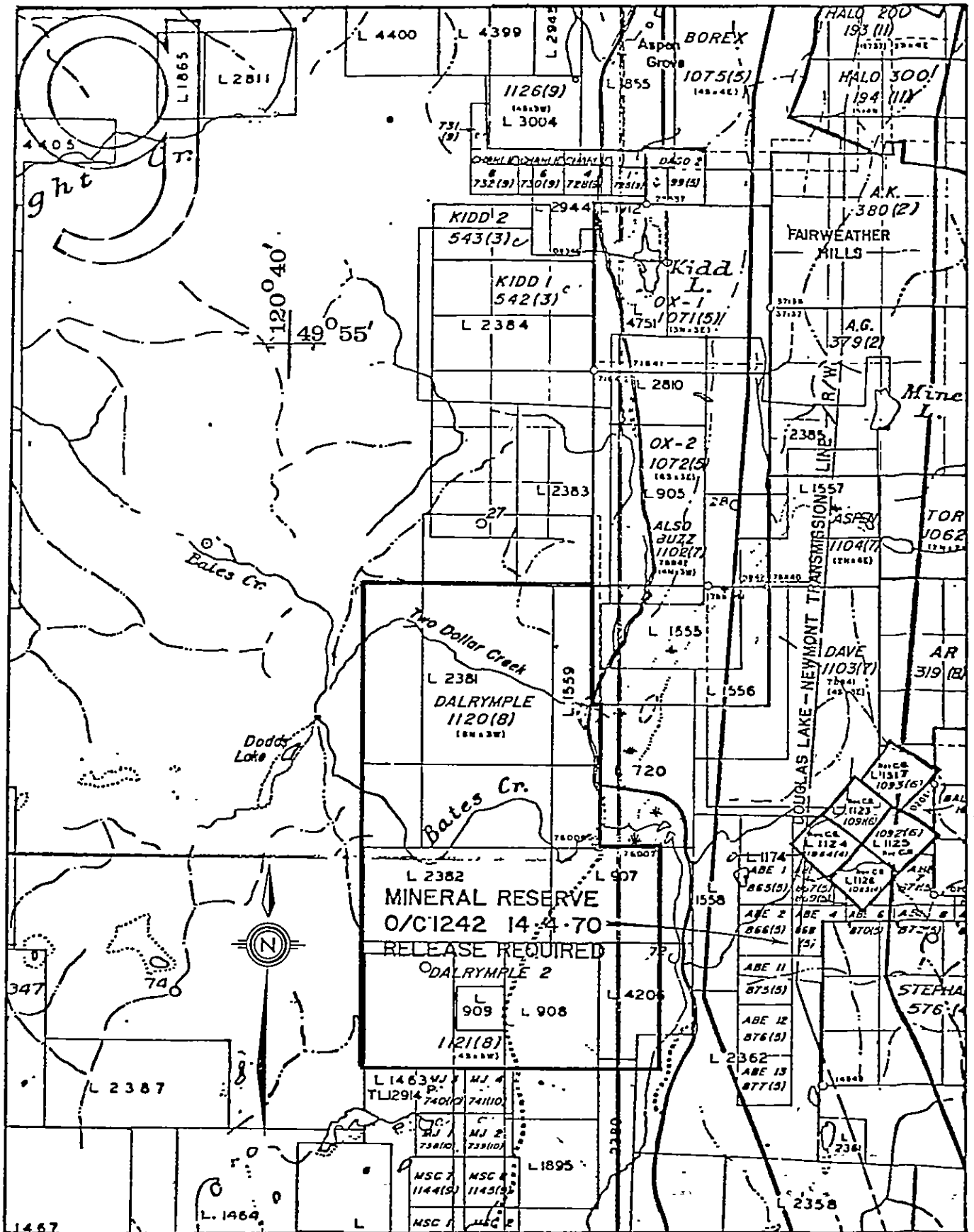


Fig. 2. Location of Dalrymple Claims outlined in red (scale 1:50,000; NTS 92H/15E).

HISTORY (con't)

The area had previously been held in part by several companies as the WD, EM, BOSS etc. claims with work reported in Assessment Reports 1059, 3138 and 4475. Previous reports covered limited geochemical and geophysical surveys but prospecting revealed that a pyritic zone near Bates Creek had been trenched and diamond drilled. The results of the diamond drilling program is not known, but strong pyrite mineralization occurs in the trenches.

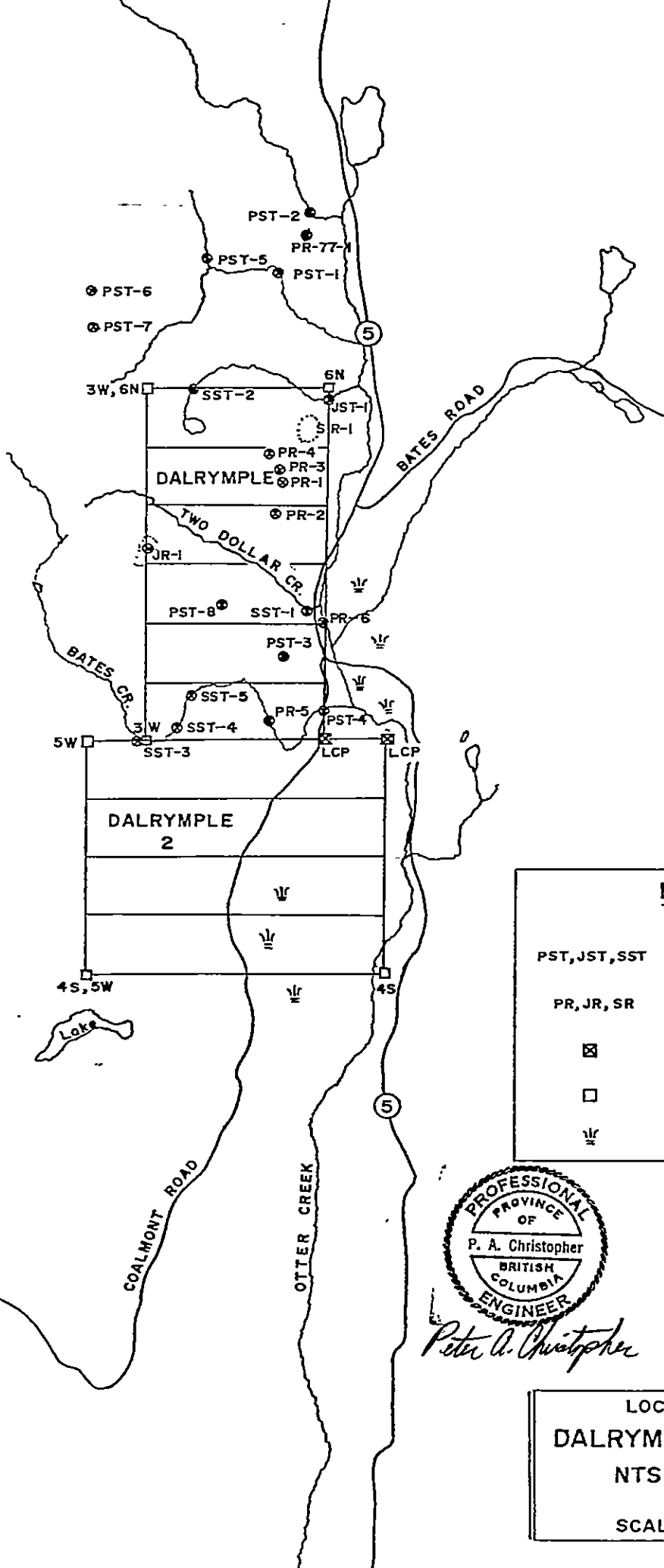
SUMMARY OF WORK

From July 12th to July 17th and on August 9th, 10th and 22nd 1981, the author and a contract crew established temporary grid stations, soil sampled, ran a magnetometer survey and prospected the Dalrymple and Dalrymple 2 claims. Figures 3 to 5 show station locations, results of 295 soil analyses and magnetic readings. Prospecting of the strong magnetic anomaly and the covered area in the southeast part of the Dalrymple 2 claim was conducted.

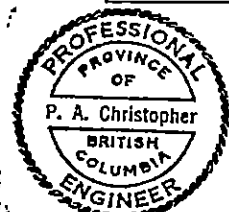
GENERAL GEOLOGY

The geology of the Dalrymple claims is shown on G.S.C. map 888A by Rice (1960) and on Figure 1 from MEMPR Bulletin 69 by V.A. Preto (1979). The property is mainly underlain by Upper Triassic volcanic rocks and associated sediments of the Nicola Group. The rock units generally strike north to north-northeast and dip easterly. Coeval intrusive rocks that range from diorite to monzonite in composition also underlie the property.

The area is dissected by several fault zones with the major Allison Fault zone occurring in the Otter Creek valley along the eastern boundary of the property and several northeast splays from this zone. Preto (1979) has mapped a major thrust fault near the western boundary of the property.



LEGEND	
PST, JST, SST	SILT SAMPLE
PR, JR, SR	ROCK SAMPLE
⊗	LEGAL CORNER POST
□	CORNER POST
≡	SWAMP



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120° 35' W
49° 50' N

LOCATION MAP
 DALRYMPLE CLAIMS
 NTS 92H / 15E
 SCALE 1:50,000

Figure 3

MINERALIZATION

No mineral occurrences had previously been recorded for the area of the Dalrymple claims but trenching and drill sites were found along a limestone horizon north of Bates Creek. Iron sulphides and minor malachite were found in the trenches. Results of the drilling are not known.

Quartz-epidote-carbonate veinlets with chalcopyrite and malachite were found in the area of a strong airborne magnetic anomaly at sample site PR-4 (Figure 3) which assayed 1800 ppm copper. Magnetite occurs as breccia matrix, veinlets and disseminated in volcanic rocks in the same area.

GEOPHYSICS

A magnetometer survey employed the use of a Model G-846 Uni Mag II Proton Magnetometer produced by EG&G Geo Metrics. Readings were collected at 50 metre intervals along chained lines spaced initially at 500 metres with other lines run to help with interpretation. Base station readings were collected and used to correct data for diurnal variation in field intensity. A magnetic storm negated one day's reading.

Readings were collected with the sensor attached. Geo Metrics claims ten gamma accuracy for readings collected in this fashion. The tuning kilogamma knob was set at 56,000 gammas to correspond with the earth's known magnetic field.

A total of about 60 kilometres or about 1200 stations were measured on the Dalrymple claims. Magnetic relief on the claims is 4344 gammas with values ranging from 56130 to 60464 gammas.

The Uni Mag II measured total magnetic field intensity. Survey results were plotted on a magnetic survey plan at a scale of 1:5,000 (Figure 4). Results were corrected for diurnal variation and reduced by 56,000 gammas before plotting.

INTERPRETATIONS AND CONCLUSIONS

Geophysical results generally confirmed the airborne magnetic anomaly and in general conformed with the north-northeast strike of the Nicola Rocks. Detailed geological mapping should be combined with magnetometer survey line spacing of about 50 metres before more detailed interpretation of magnetic data is attempted.

GEOCHEMICAL SURVEY

A total of 295 soil samples were collected from the Dalrymple claim area. Soil samples were analyzed for Cu, Mo, Pb, Zn and Ag with Cu, Pb and Zn values and Ag values over 0.1 ppm plotted on a geochemical plan (Figure 5). A total of 14 rock and soil samples were also collected with stations located on Figure 3 and results shown in Appendix 4. With the exception of rock sample PR 4 described under Mineralization, rock and silt sample geochemical results were not anomalous.

LABORATORY PROCEDURES

Samples were prepared and analyzed by Chemex Labs Ltd. in North Vancouver, B. C. Soil samples were dried, sieved to -80 mesh, split to obtain a 1 gram sample and digested for 2 hours in a mixture of perchloric (HClO_4) and HNO_3 acid with analyses by Atomic Absorption (AA). Lead and silver values are background corrected. Gold analyses in rock and silt samples were obtained by fire assay (FA) and AA. FA uses a 10 g sample with standard FA methods to produce a bead. Aqua regia is used to digest the bead and final analysis is by standard AA. Rock samples were crushed and pulverized to -100 mesh before being analysed.

RESULTS OF SOIL GEOCHEMISTRY

Figure 5 shows geochemical results for Cu, Pb, Zn and Ag. Molybdenum values were uniformly low and therefore molybdenum was not plotted. Slightly anomalous values for copper, lead and zinc were considered to be one standard deviation above the mean as shown in Table 2. Silver values with the exception of JS 38 (0.8 ppm) and SS 300 (2.0 ppm) were all considered to be below a threshold value of 0.5 ppm. Assay values are included in Appendix 4 at the end of this Report.

RESULTS OF SOIL GEOCHEMISTRY (con't)TABLE 2SOIL GEOCHEMICAL STATISTICS

<u>ELEMENT</u>	<u>ANALYSES</u>	<u>MEAN (ppm)</u>	<u>STANDARD DEVIATIONS</u>	<u>ANOMALOUS VALUES (ppm)</u>
Copper	307	39	17	56
Lead	307	3	6	9
Zinc	307	89	31	120

COPPER

Copper in soil values range from 13 to 131 ppm with values over 56 ppm considered to be weakly anomalous. No areas of continuously anomalous copper values were detected.

LEAD

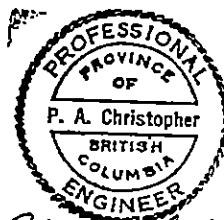
Lead in soil values range from 1 to 70 ppm with values over 9 ppm considered to be weakly anomalous. Only eight soil samples with over 9 ppm Pb were found and of these samples 5 contained anomalous zinc content.

ZINC

Zinc in soil values range from 30 to 1300 ppm with values over 120 ppm considered to be anomalous. Zinc values were generally stronger in the western part of the claim area and may reflect an area of higher background in bedrock.

CONCLUSIONS AND RECOMMENDATIONS

Widely spaced magnetic and soil lines have been run over the Dalrymple claims with no specific targets defined. The southern part of the claims was not sampled because of the extensive overburden. An electrical geophysical method is required for testing and defining targets in this area.



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CONCLUSIONS AND RECOMMENDATIONS (con't)

The southern third of this property is still untested. Geophysical prospecting using IP and/or EM should be considered for this area.

REFERENCES

British Columbia Ministry of Energy, Mines and Petroleum Resources
Assessment Report: 1059, 3138 and 4475.

Preto, V.A., 1979. Geology of the Nicola Group between Merritt and
Princeton. Bulletin 69, B. C. Ministry of Energy, Mines and Petroleum
Resources.

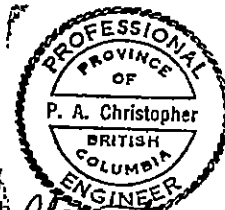
Rice, H.M.A., 1947. Geology and Mineral Deposits of the Princeton
Map-Area, British Columbia. Geological Survey, Canada, Mem. 243.

STATEMENT OF QUALIFICATIONS

The field work for this report was supervised by Peter A. Christopher whose qualifications are outlined below.

Peter A. Christopher, P. Eng., Ph.D., Exploration Manager for Peter A. Christopher and Assoc. Inc., Vancouver, British Columbia.

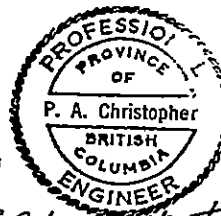
Completed his B.Sc. at the State University of New York at Fredonia in 1966, M.A. at Dartmouth College in 1968, and Ph.D. at the University of British Columbia in 1973. He has worked for several mining companies on porphyry, massive sulphide, uranium and gold deposits in the western United States and Canada. He served as exploration geologist for Newmont Mining Corporation in 1973 and 1974, as project geologist with the British Columbia Ministry of Energy, Mines and Petroleum Resources from 1974 to 1980 and as senior geologist for Utah Mines from June 1980 to July 1981. In July 1981 he assumed his present position.



Peter A. Christopher
Peter A. Christopher

STATEMENT OF COSTS

<u>PERSONNEL</u>	<u>DATES</u> (1981)	<u>DAYS</u>	<u>RATE/DAY</u>	<u>COST</u>
Senior Geologist Peter Christopher	July 12-17 Aug. 10,22 Jan. 18-22	13	200	2,600
Helpers: Shaun Godwin	July 12-17 Aug. 10,22	8	60	480
John Cathro	July 12-17 Aug. 10,22	8	60	480
Supervision: David Budinski	Aug. 18,19	2	250	500
Camp and Field Gear		8	32	256
Board		26	25	650
4 x 4		10	30	300
Mileage (1000 Km)			0.15/Km	150
Camp Fuel				20
Geochem Analyses: 255 samples @ \$5.35 ea				1,482
Shipping				40
<u>REPORT PREPARATION</u>				
Drafting: 25 hours @ \$10/hr				250
Typing, reproduction etc.				200
<u>MATERIALS</u>				
- Flagging: 2 boxes @ \$14.50 ea				29
- Topo chain tread: 6 rolls @ \$5. ea				30
- Sample Bags				30
<u>GEOPHYSICAL EQUIPMENT</u>				
- Magnetometer 10 days @ \$15/day				150
TOTAL AMOUNT APPLIED				\$ 7,647



Peter A. Christopher

APPENDIX

CERTIFICATES OF ANALYSIS



complete

CHEMEX LABS LTD.

1
212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE. (604)984-0221
TELEX. 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : PETER A CHRISTOPHER & ASSOC.
3707 #. 34th AVE.
VANCOUVER, B.C.
V6N 2K9

CERT. # : A8112483-001-A
INVOICE # : I8112483
DATE : 31-JUL-81
P.O. # : NONE
PAC I NO. 1

C/C DAVE BUDINSKI

Sample description	Prep code	Cu ppm	Mn ppm	Pb ppm	Zn ppm	Ag ppm	Au -(AA) ppb
JS 712-01	201	41	1	4	62	0.1	--
JS 712-02	201	32	1	2	73	0.1	--
JS 712-03	201	49	1	3	85	0.1	--
JS 712-04	201	64	1	2	80	0.1	--
JS 712-05	201	76	1	3	74	0.1	--
JS 712-06	201	71	1	3	65	0.1	--
JS 712-07	201	54	1	1	63	0.1	--
JS 712-08	203	40	1	3	66	0.1	--
JS 712-09	201	43	1	2	80	0.1	--
JS 712-10	203	42	1	1	74	0.1	--
JS 712-11	201	30	1	3	95	0.1	--
JS 712-12	201	49	1	2	92	0.1	--
JS 712-13	201	33	1	3	75	0.1	--
JS 712-14	201	31	1	2	60	0.1	--
JS 712-15	201	35	1	3	130	0.1	--
JS 712-16	203	32	1	1	133	0.1	--
JS 712-17	201	21	1	2	108	0.1	--
JS 712-18	201	37	1	1	60	0.1	--
JS 712-19	201	30	1	3	103	0.1	--
JS 712-20	201	38	1	2	76	0.1	--
JS 712-21	201	18	1	2	49	0.1	--
JS 713-22	203	110	1	3	75	0.1	--
JS 713-23	201	56	1	3	70	0.1	--
JS 713-24	201	43	1	1	58	0.1	--
JS 713-25	203	36	1	1	63	0.1	--
JS 713-26	201	28	1	2	78	0.1	--
JS 713-27	201	33	1	4	184	0.1	--
JS 713-28	201	23	1	1	66	0.1	--
JS 713-29	201	43	2	2	88	0.1	--
JS 713-30	201	40	1	1	56	0.1	--
JS 713-31	201	69	1	2	112	0.1	--
JS 713-32	201	42	1	2	92	0.1	--
JS 713-33	201	33	1	3	68	0.1	--
JS 713-34	201	131	1	5	135	0.1	--
JS 713-35	201	72	1	3	75	0.1	--
JS 713-36	201	38	1	2	75	0.1	--
JS 713-37	203	25	1	1	98	0.1	--
JS 713-38	201	56	1	17	325	0.8	--
JS 713-39	203	32	1	3	90	0.1	--
JS 713-40	201	26	1	2	62	0.1	--

DAK/SAMPLE

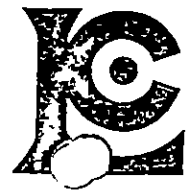
↓

Hart Bickler

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INVOICE # : I8112483
DATE : 31-JUL-81
P.O. # : NONE
PAGE NO. 1

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Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Au -(AA) ppb
JS 713-41	201	36	1	1	78	0.1	--
JS 713-42	201	21	1	1	130	0.1	--
JS 713-43	201	46	1	3	110	0.1	--
JS 713-44	201	37	1	2	74	0.1	--
JS 713-45	201	25	1	4	210	0.1	--
JS 713-46	201	51	1	10	134	0.1	--
JS 713-47	201	24	1	1	62	0.1	--
JS 713-48	201	35	1	2	65	0.1	--
JS 713-49	201	78	1	3	78	0.1	--
JS 713-50	203	80	1	2	76	0.1	--
JS 713-51	203	96	1	3	78	0.1	--
JS 713-52	201	76	1	3	62	0.1	--
JS 713-53	201	75	1	3	60	0.1	--
JS 713-54	201	71	1	2	108	0.1	--
JS 714-55	201	42	1	2	68	0.1	--
JS 714-56	201	30	1	2	48	0.1	--
JS 714-57	201	40	1	3	92	0.1	--
JS 714-58	201	104	1	1	56	0.1	--
JS 714-59	201	43	1	1	74	0.1	--
JS 714-60	201	48	1	1	52	0.1	--
JS 714-61	201	93	1	1	56	0.1	--
JS 714-62	201	29	1	1	60	0.1	--
JS 714-63	201	51	1	1	56	0.1	--
JS 714-64	201	29	1	1	72	0.1	--
JS 714-65	201	85	1	1	52	0.1	--
JS 714-66	201	53	1	1	76	0.1	--
JS 714-67	201	23	1	1	65	0.1	--
JS 714-68	201	29	1	2	56	0.1	--
JS 714-69	201	40	1	1	36	0.1	--
JS 714-70	201	27	1	1	74	0.1	--
JS 714-71	201	21	1	1	58	0.1	--
JS 714-72	201	48	1	2	205	0.1	--
JS 714-73	201	19	1	1	82	0.1	--
JS 714-74	201	21	1	1	70	0.1	--
JS 714-75	201	43	1	2	140	0.1	--
JS 714-76	201	21	1	3	103	0.1	--
JS 714-77	201	20	1	1	62	0.1	--
JS 714-78	201	86	1	2	73	0.1	--
JS 714-79	201	24	1	2	92	0.1	--
JS 714-80	201	19	1	1	83	0.1	--
JS 714-81	201	19	1	1	83	0.1	--

DALRYMPLE

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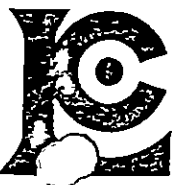
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 V6N 2K9

CERT. # : A8112676-001-A
 INVOICE # : I8112676
 DATE : 17-AUG-81
 P.O. # : NONE
 1

CC: DAVID R. BUDINSKI

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	AU-FA+AA ppb
JS 720 87	201	54	1	5	165	0.3	---
JS 720 88	201	37	1	4	105	0.1	---
JS 720 89	201	32	1	4	83	0.1	---
JS 720 90	201	23	1	4	115	0.1	---
JS 720 91	201	31	1	3	60	0.1	---
JS 720 92	201	31	1	4	80	0.1	---
JS 720 93	201	39	1	5	72	0.1	---
JS 720 94	201	64	1	5	76	0.1	---
JS 720 95	201	22	1	4	73	0.1	---
JS 720 96	201	35	1	6	105	0.1	---
JS 720 97	201	50	1	5	62	0.1	---
JS 720 98	201	25	1	3	108	0.1	---
JS 720 100	201	30	1	5	112	0.1	---
JS 720 101	201	27	1	4	105	0.1	---
JS 720 102	201	39	1	4	93	0.1	---
JS 720 103	201	110	1	4	80	0.1	---
JS 720 104	201	43	1	5	50	0.1	---
JS 720 105	201	24	1	4	78	0.1	---
JS 720 106	201	34	1	4	50	0.1	---
JS 720 107	201	44	1	5	75	0.1	---
JS 720 108	201	55	1	3	70	0.1	---
JS 720 109	201	25	1	3	115	0.2	---
JS 720 110	201	49	1	4	63	0.1	---
JS 720 111	201	57	1	3	67	0.1	---
JS 720 112	201	25	1	3	113	0.1	---
JS 720 113	201	46	1	5	72	0.3	---
JS 720 114	201	45	1	4	130	0.1	---
JS 720 115	201	22	1	2	160	0.1	---
JS 720 116	201	37	1	5	110	0.1	---
JS 720 117	201	59	1	4	66	0.1	---
JS 720 163	201	33	1	20	238	0.1	---
DS 810-12	201	28	1	2	130	0.1	---
DS 810-13	201	26	1	2	102	0.1	---
DS 810-14	201	22	1	4	130	0.1	---
DS 810-15	201	28	1	4	120	0.1	---
DS 810-16	201	32	1	2	82	0.1	---
DS 810-17	201	37	1	4	98	0.1	---
DS 810-18	201	52	1	5	180	0.1	---
DS 810-19	201	72	1	4	50	0.1	---
DS 810-20	201	32	1	3	74	0.1	---

DALRYMPLER



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NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE (604)984-0221
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TO : PETER A CHRISTOPHER & ASSOC.
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V5V 2K9

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INVOICE # : I8112483
DATE : 31-JUL-81
P.O. # : NONE
PAGE NO. 1

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Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Au -(AA) ppm
JS 715-82	201	37	1	1	82	0.1	--
JS 715-83	201	49	1	2	63	0.1	--
JS 715-84	201	51	1	5	78	0.1	--
JS 715-85	201	50	1	3	64	0.1	--
JS 715-86	201	41	1	3	90	0.1	--
SS 712-05	201	47	1	2	60	0.1	--
SS 712-06	201	38	1	3	73	0.1	--
SS 712-07	201	38	1	5	100	0.1	--
SS 712-08	201	35	1	6	115	0.1	--
SS 712-09	201	49	1	5	110	0.1	--
SS 712-10	201	37	1	1	95	0.1	--
SS 712-11	201	62	1	2	85	0.1	--
SS 712-12	201	26	1	1	95	0.1	--
SS 712-13	201	35	1	6	100	0.1	--
SS 712-14	201	28	1	5	170	0.1	--
SS 712-15	201	29	1	3	162	0.1	--
SS 712-17	201	55	1	2	82	0.1	--
SS 712-18	201	48	1	9	78	0.1	--
SS 712-20	201	61	1	6	93	0.1	--
SS 712-21	201	27	1	2	158	0.1	--
SS 713-22	201	39	1	2	70	0.1	--
SS 713-23	201	37	1	1	63	0.1	--
SS 713-24	201	44	1	2	50	0.1	--
SS 713-25	201	23	1	1	50	0.1	--
SS 713-26	201	13	1	1	94	0.1	--
SS 713-27	201	14	1	1	86	0.1	--
SS 713-28	201	38	1	1	110	0.1	--
SS 713-30	201	35	1	2	80	0.1	--
SS 713-31	201	29	1	3	64	0.1	--
SS 713-32	201	30	1	2	93	0.1	--
SS 713-33	201	19	1	1	82	0.1	--
SS 713-34	201	28	1	1	73	0.1	--
SS 713-35	201	22	1	5	110	0.1	--
SS 713-36	201	26	1	1	55	0.1	--
SS 713-37	201	51	1	6	96	0.1	--
SS 713-38	201	24	1	2	80	0.1	--
SS 713-39	201	43	1	1	138	0.1	--
SS 713-40	201	38	1	4	65	0.1	--
SS 713-41	201	32	1	2	80	0.1	--
SS 713-42	201	39	1	7	115	0.1	--

DAILY SAMPLE

Certified by *Hart Bickler*





CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : PETER A CHRISTOPHER & ASSOC.
3707 W. 34th AVE.
VANCOUVER, B.C.
V6N 2K9

CERT. # : A8112483-004-A
INVOICE # : 18112483
DATE : 31-JUL-81
P.O. # : NJNE
PAC I NO. 1

C/C DAVE BUDINSKI

Sample description	Prep code	Cu ppm	Mn ppm	Pb ppm	Zn ppm	Ag ppm	Au ppm	-(AA) ppm
SS 713-43	201	19	1	3	73	0.1		--
SS 713-44	201	19	1	1	100	0.1		--
SS 713-45	201	29	1	6	215	0.1		--
SS 713-46	201	20	1	5	155	0.1		--
SS 713-47	201	32	1	2	55	0.1		--
SS 713-48	201	18	1	2	62	0.1		--
SS 713-49	201	21	1	2	64	0.1		--
SS 713-50	201	26	2	16	120	0.1		--
SS 713-51	201	23	1	2	68	0.1		--
SS 713-52	201	25	1	9	130	0.1		--
SS 713-56	201	21	1	1	98	0.1		--
SS 713-57	201	50	1	1	85	0.1		--
SS 713-58	201	45	1	4	90	0.1		--
SS 713-59	201	44	1	4	85	0.1		--
SS 713-60	201	45	1	2	88	0.1		--
SS 713-61	201	36	1	2	73	0.1		--
SS 713-62	201	48	1	2	112	0.1		--
SS 714-63	201	43	1	1	120	0.1		--
SS 714-64	201	29	1	1	160	0.1		--
SS 714-65	201	25	1	3	90	0.1		--
SS 714-66	201	35	1	4	130	0.1		--
SS 714-67	201	20	1	2	115	0.1		--
SS 714-68	201	25	1	2	110	0.1		--
SS 714-69	201	27	1	3	100	0.1		--
SS 714-70	201	21	1	2	43	0.1		--
SS 714-71	201	25	1	2	100	0.1		--
SS 714-72	201	44	2	2	90	0.1		--
SS 714-73	201	40	1	2	88	0.1		--
SS 714-74	201	47	1	2	80	0.1		--
SS 714-75	201	33	1	1	135	0.1		--
SS 714-76	201	31	1	2	110	0.1		--
SS 714-77	201	27	1	1	90	0.1		--
SS 714-78	201	30	1	1	114	0.1		--
SS 714-79	201	19	1	1	88	0.1		--
SS 714-80	201	39	1	2	78	0.1		--
SS 714-81	201	32	1	1	64	0.1		--
SS 714-82	201	34	1	1	75	0.1		--
SS 714-83	201	45	1	5	60	0.1		--
SS 714-84	201	53	1	4	68	0.1		--
SS 714-85	201	59	1	3	72	0.1		--

DALRYMPLE

Hart Bickler

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ASSOCIATION



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE (604)984-0221
 TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : PETER A CHRISTOPHER & ASSOC.
 3707 W. 34th AVE.
 VANCOUVER, B.C.
 V6N 2K9

CERT. # : AB112483-005-A
 INVOICE # : I8112483
 DATE : 31-JUL-81
 P.O. # : NONE
 PAC I NO. 1

C/C DAVE BUDINSKI

Sample description	Prep code	Cu ppm	Mn ppm	Pb ppm	Zn ppm	Ag ppm	Au - (AA) ppm
SS 714-86	201	42	1	1	63	0.1	--
SS 714-87	201	37	1	1	50	0.1	--
SS 714-88	201	38	1	4	70	0.1	--
SS 714-89	201	44	1	2	58	0.1	--
SS 714-90	201	42	1	2	90	0.1	--
SS 714-91	201	44	1	2	55	0.1	--
SS 714-92	201	41	1	3	95	0.1	--
SS 714-93	201	36	1	2	75	0.1	--
SS 714-94	201	41	1	70	50	0.1	--
SS 714-96	201	87	1	16	130	0.1	--
SS 714-97	201	47	1	5	72	0.1	--
PST 77-01	201	42	1	1	47	0.1	<10
ST 77-02	201	22	1	11	44	0.1	<10
PST 78-03	201	26	1	3	44	0.1	<10
PST 78-04	201	51	1	4	80	0.1	<10
PST 79-05	201	57	1	3	52	0.1	<10
PST 79-06	201	55	1	1	45	0.1	<10
PST 79-07	201	51	1	1	58	0.1	<10
PST 712-8	201	47	1	1	30	0.1	<10
SST 78-01	201	43	1	10	92	0.1	<10
SST 79-02	201	135	1	1	32	0.1	<10
SST 79-03	201	56	1	2	55	0.1	<10
SST 712-4	201	37	1	3	80	0.1	<10
SST 714-5	201	44	1	2	74	0.1	<10
JST-73-1	201	74	1	1	42	0.1	<10
DS 810-12	201	28	1	2	130	0.1	--
DS 810-13	201	26	1	2	102	0.1	--
DS 810-14	201	22	1	4	130	0.1	--
DS 810-15	201	28	1	4	120	0.1	--
DS 810-16	201	32	1	2	82	0.1	--
DS 810-17	201	37	1	4	98	0.1	--
DS 810-18	201	52	1	5	180	0.1	--
DS 810-19	201	72	1	4	50	0.1	--
DS 810-20	201	32	1	3	74	0.1	--
JST 720-2	203	14	1	3	48	0.1	10
JST 721-3	201	75	1	5	66	0.1	<5
S 713-29	201	41	1	4	96	0.1	--

DALRYMPLE

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CHEMEX LABS LTD.

212 BROOKSBANK AVE
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE (604)984-0221
 TELEX 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : PETER A CHRISTOPHER & ASSOC.
 3707 W. 34th AVE.
 VANCOUVER, B.C.
 V6N 2K9

CERT. # : A8113240-001-A
 INVOICE # : I8113240
 DATE : 05-SEP-81
 P.O. # : NONE
 1

CC DAVID BODINSKI, LORNEX MINING CORP.

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	AU-FA+AA ppb
SS 89-100	201	80	1	5	78	0.1	--
SS 89-101	201	57	1	3	60	0.1	--
SS 89-102	201	42	1	3	90	0.1	--
SS 89-103	201	28	1	3	65	0.1	--
SS 89-104	201	31	1	3	55	0.1	--
SS 89-105	201	34	1	2	82	0.1	--
SS 89-106	201	18	1	1	136	0.1	--
SS 89-107	201	43	1	4	100	0.1	--
SS 89-108	201	49	1	3	80	0.1	--
SS 89-109	201	53	1	6	98	0.1	--
SS 89-110	201	32	1	3	95	0.1	--
SS 89-111	201	19	1	2	72	0.1	--
SS 89-112	201	33	1	2	105	0.1	--
SS 89-113	201	32	1	3	85	0.1	--
SS 89-114	201	20	1	1	110	0.1	--
SS 89-115	201	34	1	1	100	0.1	--
SS 89-116	201	33	1	1	165	0.1	--
SS 89-117	201	22	1	2	120	0.1	--
SS 89-118	201	35	1	2	108	0.1	--
SS 89-119	201	32	1	4	140	0.1	--
SS 89-120	201	30	1	2	162	0.1	--
SS 89-121	201	40	1	2	88	0.1	--
SS 89-122	201	30	1	1	75	0.1	--
SS 89-123	201	36	1	3	375	0.1	--
SS 89-124	201	23	1	2	150	0.1	--
SS 89-125	201	29	1	2	128	0.1	--
SS 89-126	201	26	1	3	190	0.1	--
SS 89-127	201	13	1	1	1300	0.1	--
SS 89-128	201	23	1	4	124	0.1	--
DS 810-01	201	55	1	4	118	0.1	--
DS 810-02	201	51	1	1	74	0.1	--
DS 810-03	201	53	1	1	63	0.1	--
DS 810-04	201	40	1	4	44	0.1	--
DS 810-05	201	55	1	2	26	0.1	--
DS 810-06	201	41	1	1	58	0.1	--
DS 810-07	201	29	1	1	118	0.1	--
DS 810-08	201	35	1	3	150	0.1	--
DS 810-09	201	36	1	2	73	0.1	--
DS 810-10	201	31	1	4	82	0.1	--
DS 810-11	201	72	1	4	102	0.1	--



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CHEMEX LABS LTD.

212 BROOKSBANK AVE
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE (604)984-0221
TELEX. 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : PETER A. CHRISTOPHER & ASSOCIATES
3707 W. 34TH AVE.
VANCOUVER, B.C.
V6N 2K9

CERT. # : A8113700-002-A
INVOICE # : I8113700
DATE : 17-SEP-91
P.O. # : NONE
NO.1

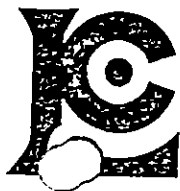
CC DAVID R. BUDINSKI

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	
LS 823-08	201	21	1	2	112	0.1	--
LS 823-09	201	22	1	5	58	0.1	--
LS 823-10	201	37	1	1	105	0.1	--
LS 823-11	201	23	1	3	148	0.1	--
LS 823-12	201	24	1	5	116	0.1	--
LS 823-13	201	28	1	3	52	0.1	--
LS 823-14	201	18	1	2	95	0.1	--
LS 823-15	201	20	1	3	110	0.1	--
LS 823-16	201	29	1	2	90	0.1	--
LS 823-17	201	23	1	2	135	0.1	--
LS 823-18	201	24	1	1	80	0.1	--
LS 823-19	201	34	4	2	70	0.1	--
LS 823-20	201	24	1	3	77	0.1	--
LS 823-21	201	24	1	1	80	0.1	--
LS 823-22	201	24	1	3	68	0.1	--
LS 823-23	201	25	1	2	66	0.1	--
LS 823-24	201	23	1	1	75	0.1	--
LS 823-25	201	22	1	2	106	0.1	--
LS 823-26	201	22	1	1	75	0.1	--
LS 823-27	201	38	2	2	98	0.1	--
LS 823-28	201	23	1	1	118	0.1	--
LS 823-29	201	36	1	1	83	0.1	--
LS 823-30	201	68	1	1	70	0.1	--
LS 823-31	201	30	1	1	90	0.1	--
LS 823-32	201	39	1	2	80	0.1	--
LS 823-33	201	23	1	1	83	0.1	--
LS 823-34	201	70	3	1	36	0.1	--

DAILY/PLE



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CHEMEX LABS LTD.

21

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : PETER A. CHRISTOPHER & ASSOCIATES
3707 W. 34TH AVE.
VANCOUVER, B.C.
V6N 2K9

CERT. # : A8113700-001-A
INVOICE # : 18113700
DATE : 17-SEP-81
P.C. # : NONE
NO.1

CC DAVID R. BUDINSKI

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	
SS 822-300	201	50	1	3	110	2.0	--
SS 822-301	201	66	1	1	47	0.1	--
SS 822-302	201	65	1	1	50	0.1	--
SS 822-303	201	32	1	2	90	0.1	--
SS 822-304	201	22	1	1	90	0.1	--
SS 822-305	201	24	1	1	115	0.1	--
SS 822-306	201	32	1	1	56	0.1	--
SS 822-307	201	37	1	1	51	0.1	--
SS 822-308	201	47	1	4	52	0.1	--
SS 822-309	201	43	1	1	62	0.1	--
SS 822-310	201	56	1	1	68	0.1	--
SS 822-311	201	47	1	1	56	0.1	--
SS 822-312	201	35	1	1	105	0.1	--
SS 822-313	201	60	1	1	63	0.1	--
SS 822-314	201	47	1	2	90	0.1	--
SS 822-315	201	57	1	2	82	0.1	--
SS 822-316	201	46	1	3	65	0.1	--
SS 822-317	201	36	1	1	72	0.1	--
SS 822-318	201	24	1	1	83	0.1	--
SS 822-319	201	34	1	2	110	0.1	--
SS 822-320	201	38	1	1	140	0.1	--
SS 822-321	201	38	1	4	95	0.1	--
SS 822-322	201	25	1	2	105	0.1	--
SS 822-323	201	23	1	2	120	0.1	--
SS 822-324	201	22	3	3	163	0.1	--
SS 822-325	201	21	2	2	90	0.1	--
SS 822-326	201	100	1	3	58	0.1	--
SS 822-327	201	24	1	5	105	0.1	--
SS 822-328	201	24	1	3	48	0.1	--
SS 822-329	201	22	1	2	98	0.1	--
SS 822-330	201	20	1	2	90	0.1	--
SS 822-331	201	32	1	2	95	0.1	--
SS 822-332	201	33	1	2	125	0.1	--
LS 823-01	201	50	1	2	130	0.1	--
LS 823-02	201	48	1	2	98	0.1	--
LS 823-03	201	40	1	6	94	0.1	--
LS 823-04	201	52	1	2	70	0.1	--
LS 823-05	201	46	1	7	62	0.1	--
LS 823-06	201	32	3	3	93	0.1	--
LS 823-07	201	21	1	2	110	0.1	--

DALRYMPLE

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CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE (604)984-0221
 TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

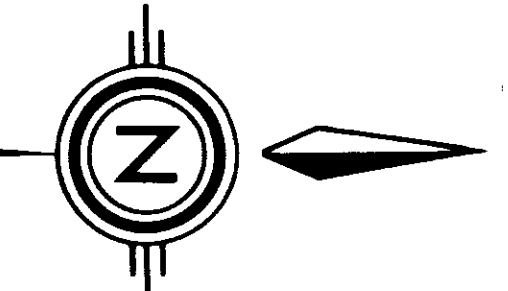
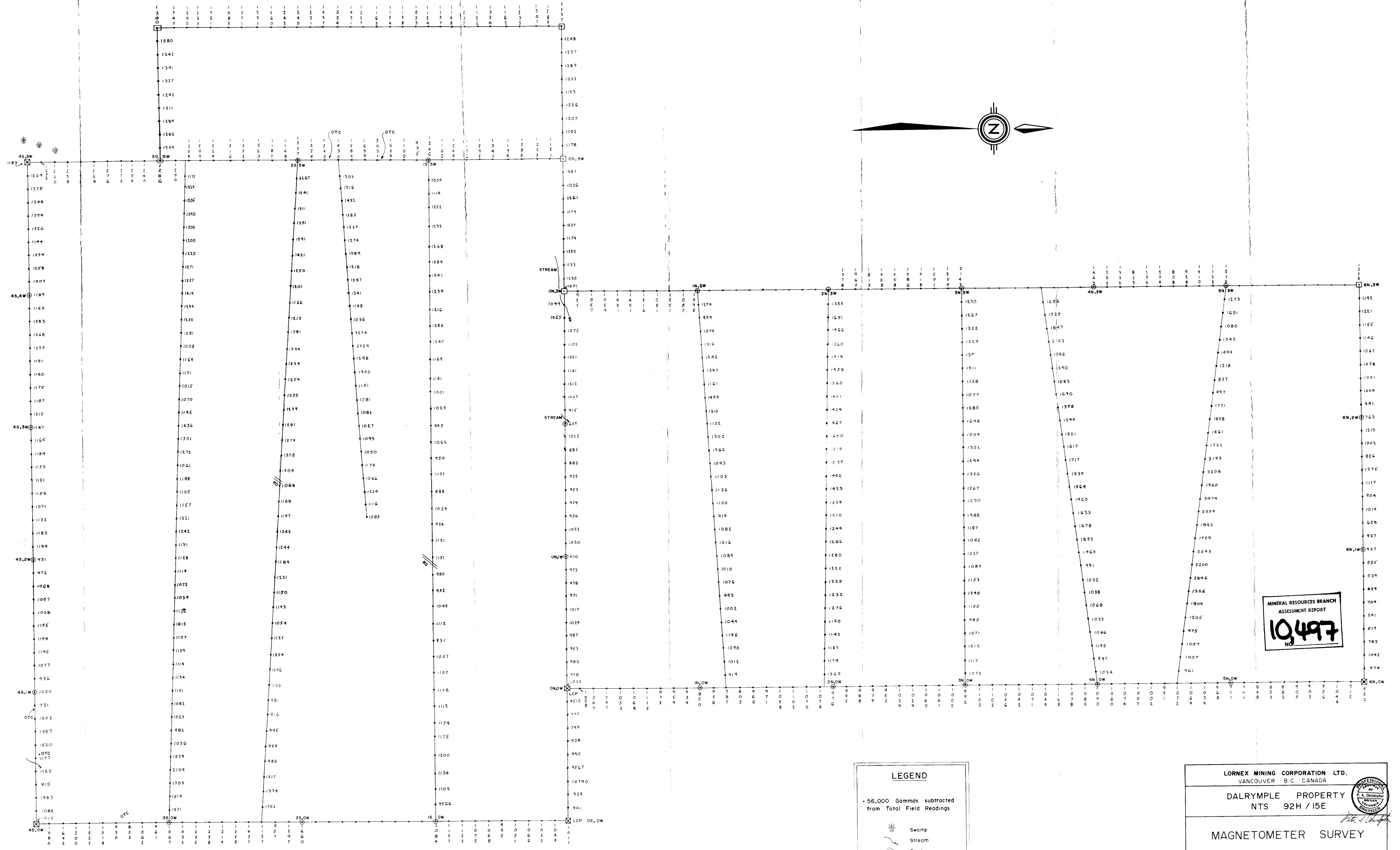
TO : PETER A CHRISTOPHER & ASSOC.
 3707 W. 34th AVE.
 VANCOUVER, B.C.
 V5N 2K9

CERT. # : A3112482-001-A
 INVOICE # : I8112482
 DATE : 31-JUL-81
 P.O. # : NJNE
 PAC I NO. 1

C/C DAVE BUDINSKI

Sample description	Prep code	Cu ppm	Mn ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm
25901 DALRYMPLE	205	91	1	5	80	0.1	--
25902 "	205	37	1	1	68	0.1	--
25903 "	205	19	1	6	35	0.1	--
25904 "	205	1800	2	3	11	0.9	--
25905 "	205	46	1	1	78	0.1	--
25906 "	205	11	--	--	--	--	10
25907 "	205	38	1	1	46	0.1	--

Sample description	Prep code	Au -(AA) ppm
25901 DALRYMPLE	205	<10
25902 "	205	<10
25903 "	205	<10
25904 "	205	<10
25905 "	205	<10
25906 "	205	--
25907 "	205	<10



LEGEND

- 56,000 Gammars subtracted from Total Field Readings
- Swamp
- Stream
- Road
- Legal Corner Post
- Intermediate Post
- Rock Outcrop

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
10497
NO.

LORNEX MINING CORPORATION LTD.
VANCOUVER B.C. CANADA

DALRYMPLE PROPERTY
NTS 92H / 15E

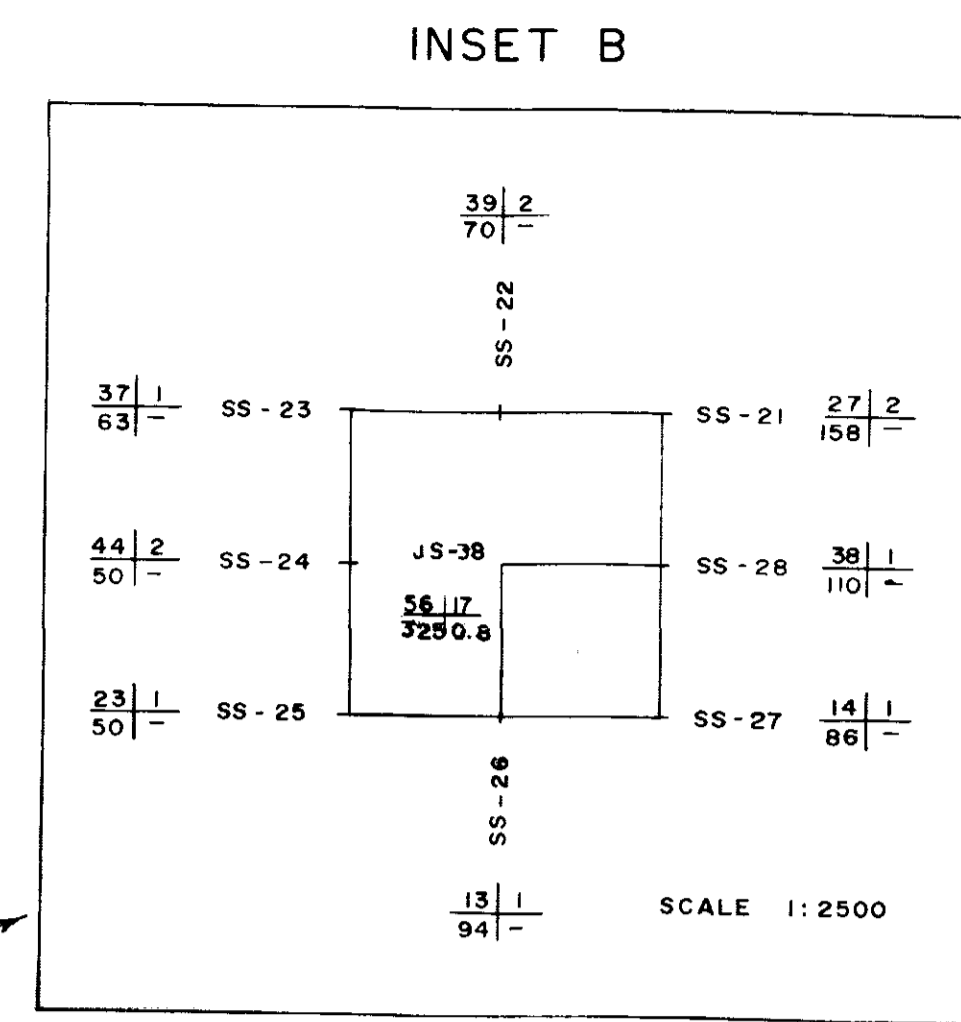
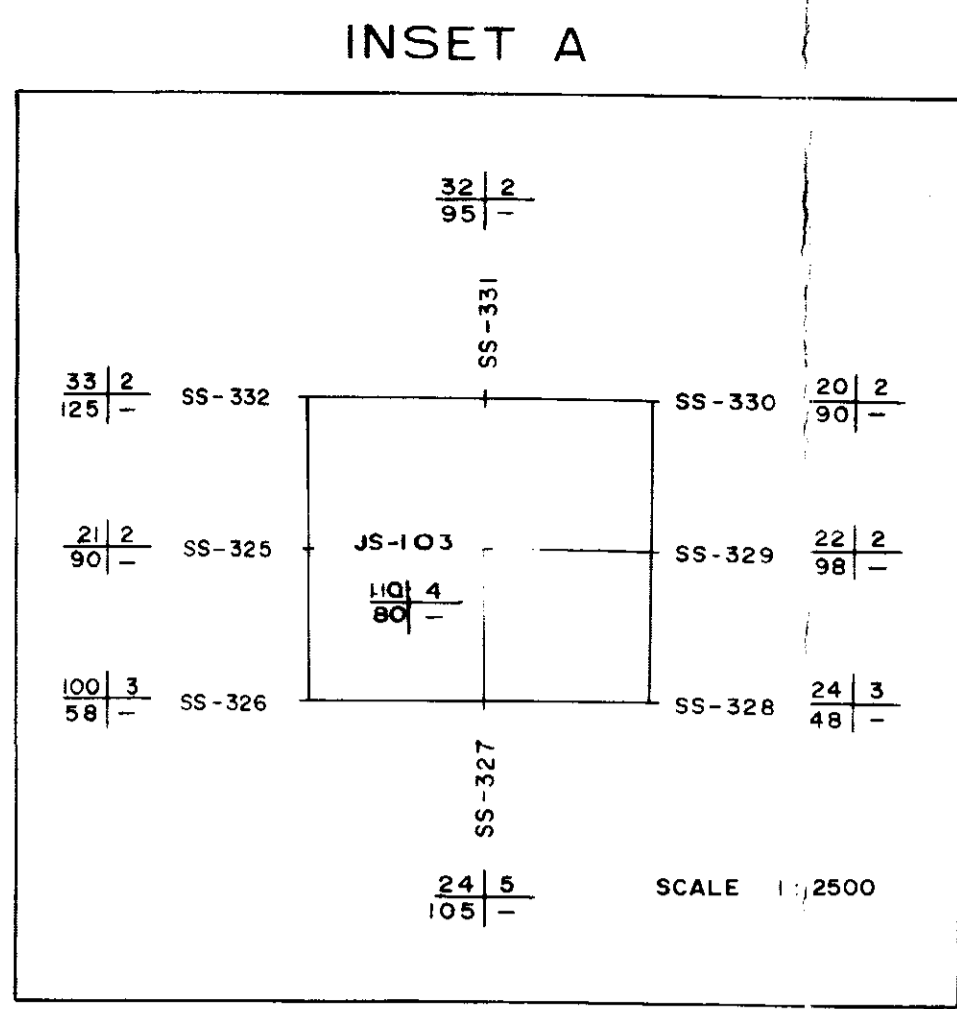
MAGNETOMETER SURVEY

BY: JAT
Drawn: _____
Drafted: _____
Map No. _____

Scale 1:5,000
50 0 50 100 150 200 250
METRES

Figure 4

38 1 140 1	55-320	38 4 95 1	35 2 105 1	23 2 120 1	22 3 163 1
34 2 110 1	55-319				
24 1 83 1	55-318				
36 1 73 1	55-317				
46 3 65 1	55-316				
57 2 82 1	55-315				
47 2 90 1	55-314				
60 1 63 1	55-313				
35 1 103 1	55-312				
47 1 51 1	55-311				
58 1 68 1	55-310				
43 1 52 1	55-309				
47 4 52 1	55-308				
37 1 51 1	55-307				
32 1 56 1	55-306				
24 1 115 1	55-305				
22 1 90 1	55-304				
38 2 90 1	55-303				
65 1 50 1	55-302				
66 1 47 1	55-301				
50 3 110 20	55-300				



SEE INSET A

SEE INSET B

MIN. TECH. SERVICES BRANCH
ASSESSMENT REPORT
10497

LEGEND

Cu (ppm)	Pb (ppm)
Zn (ppm)	Ag (ppm)
(-) Signifies 1 or less	
SS-27	Soil Sample Number
SS-T-4	Silt Sample Number
☐	Legal Corner Post
⊠	Corner Post
—H—	Highway

LORNE MINING CORPORATION LTD.
VANCOUVER B.C. CANADA

**ASPEN GROVE AREA
NTS 92H/15E**

Peter W. Chappin
**SOIL GEOCHEMISTRY
DALRYMPLE PROPERTY**

Drawn BY DATE
Drafted BA Dec. 81
Map No
Figure 5

Scale 1:5,000
METRES

