

**D. L. COOKE AND ASSOCIATES LTD.**  
MINERAL EXPLORATION CONSULTANTS

25625 8/86  
13796

ASSESSMENT REPORT

GEOLOGICAL, GEOCHEMICAL AND EM-16 SURVEY  
ON THE **GEOLOGICAL BRANCH ASSESSMENT REPORT**  
DECEPTION CREEK PROPERTY  
CLINTON MINING DIVISION, B.C.

NTS 92 P/15E  
51° 55' N. 120° 3' W.

FOR

OWNER: ARCHEAN ENGINEERING LTD.

OPERATOR: KANGELD RESOURCES LTD., AND  
RISE RESOURCES LTD.  
1500 - 675 W. HASTINGS STREET  
VANCOUVER, B.C., V6B 1N2

BY

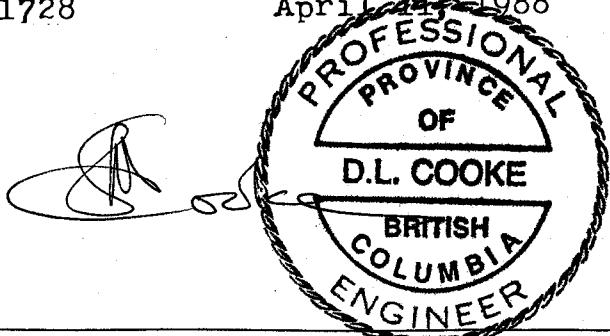
DAVID L. COOKE, PH.D., P.ENG.  
D. L. COOKE AND ASSOCIATES LTD.  
810 - 675 W. HASTINGS STREET  
VANCOUVER, B.C., V6B 1N2

August 30, 1985

WORK DONE: July 28 to Aug. 9, 1985

CLAIM DATA

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Anniversary Date</u>
W-1	20	1094	September 2, 1986
W-2	20	1095	September 2, 1987
W-3	20	1096	September 2, 1986
W-4	20	1097	September 2, 1986
C-1	18	1726	April 11, 1988
C-2	4	1727	April 11, 1987
C-3	2	1728	April 11, 1988



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## SUMMARY

The Deception Creek property is a copper-zinc prospect located 55 kilometers northeast of 100 Mile House in the Cariboo district of central British Columbia. Work in 1985 consisted of geological mapping and soil geochemistry over three grid areas and extension of EM-16 survey over one grid area.

The VLF-EM survey has extended two existing northeast trending EM anomalies an additional 500 metres to the northeast. Geological mapping and soil geochemistry has indicated that the EM anomalies are in part coincident with sulphide-bearing acid volcaniclastic and argillaceous sedimentary rocks. However, large portions of the anomalous areas are obscured by erratic boulders of unmineralized agglomerates and tuffs, reducing the chances of easily locating any subcropping massive sulphide mineralization which may occur on the property. Other EM anomalies, without associated soil anomalies, may be due to topographic or overburden features.

Diamond drilling is warranted to test coincident VLF-EM and soil geochemical anomalies for the presence of massive sulphide mineralization.

## INTRODUCTION

A two-week program was undertaken on the Deception Creek property to assess the significance of known VLF-EM anomalies and to determine if diamond drilling is warranted. The 1985 program consisted of geological mapping and soil sampling over three grid areas where strong EM anomalies were defined by earlier EM-16 surveys. An additional five EM-16 lines were run at 100 metre spacings on the grid northeast of Christopher Lake. The field work was done by D. L. Cooke, Ph.D., P.Eng. and B. McKean, B.Sc., during the period July 28 to August 9, 1985. The program was designed and directed by A. G. Troup, P.Eng.

### Location and Access

The Deception Creek property is located adjacent to the northeast corner of Canim Lake, 55 kilometers northeast of 100 Mile House, B.C. (Figure 1). Work was conducted from a camp site on the north shore of Christopher Lake, which lies approximately at the centre of the claim group.

Access to Christopher Lake is by approximately 2 kilometers of trail north from the road at the northeast corner of Canim Lake. Because of the necessity of setting up an exploration camp, access was gained by helicopter from the east end of Canim Lake. Helicopter service was provided by Northern Mountain Helicopters Inc. in Williams Lake.

### Physiography and Vegetation

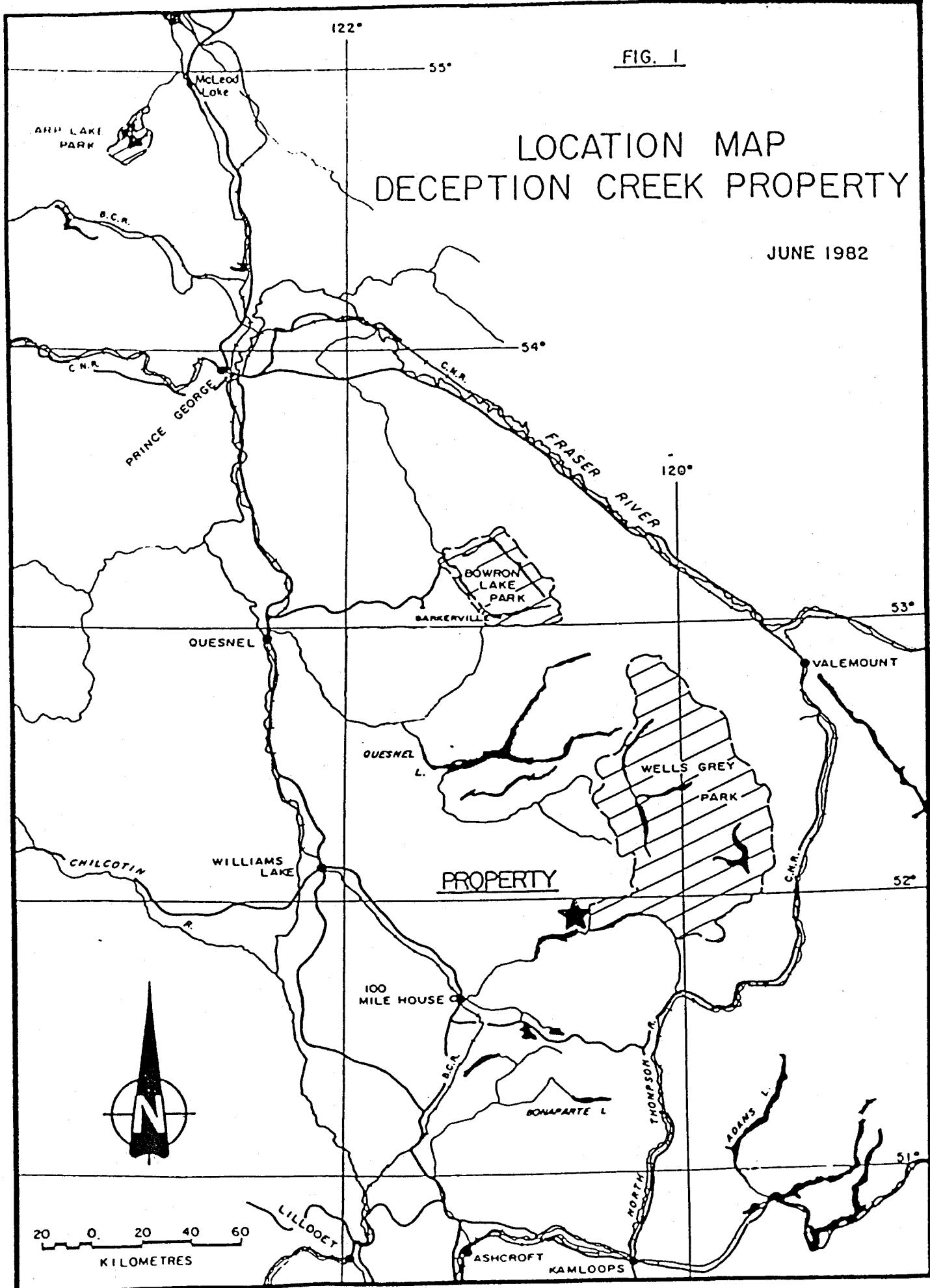
The claims cover thickly wooded lands ranging in elevation from 765 metres (2534 feet) at Canim Lake to the highest ridge at 1280 metres (4200 feet). A series of rounded ridges rise from several small lakes and swamps on the property. The area is drained primarily by Dan Mackay Creek, which flows south along the central and western portions of the property into Canim Lake.

Vegetation consists of dense, mature forest consisting of cedar, spruce, fir, birch and pine. A thick undergrowth of alder and young evergreens occurs along streams and low-lying areas.

FIG. 1

# LOCATION MAP DECEPTION CREEK PROPERTY

JUNE 1982



### Property

The pertinent claim data is as follows:

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
W-1	20	1094	September 2, 1986
W-2	20	1095	September 2, 1987
W-3	20	1096	September 2, 1986
W-4	20	1097	September 2, 1986
C-1	18	1726	April 11, 1988
C-2	4	1727	April 11, 1987
C-3	2	1728	April 11, 1988

The property consists of 7 modified claims for a total of 104 claim units (Figure 2).

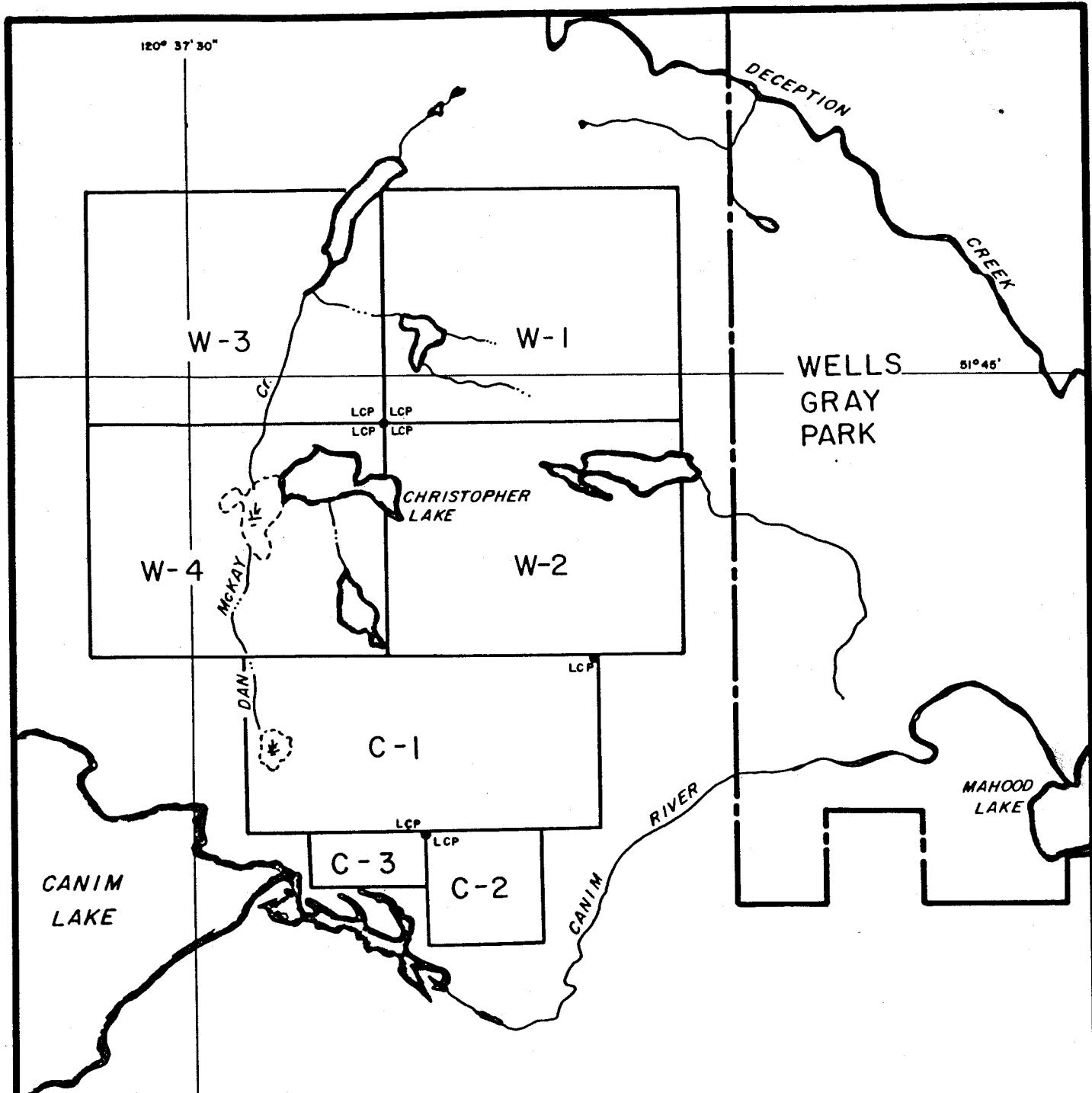
### Previous Work

The first recorded work in the area was done by Pickands Mather and Co. in 1973. The property was then held as the Chris claims. Pickands Mather conducted a program of geological mapping and soil sampling in the search for porphyry copper and molybdenum mineralization.

Exploration in 1982 and 1984 by Archean Engineering Ltd. consisted of reconnaissance geological mapping, stream sediment and heavy mineral concentrate sampling. VLF-EM surveys were done in five areas which were considered favourable for the occurrence of massive copper, lead and zinc mineralization. A few soil lines were run across two of the five anomalous EM areas.

### 1985 Program

The 1985 program consisted of geological mapping and soil sampling over three areas in which VLF-EM anomalies were previously defined. The VLF-EM survey was extended over an additional five lines in one of these anomalous areas.



ARCHEAN ENGINEERING LTD.  
DECEPTION CREEK PROPERTY  
CLINTON M.D.-B.C. NTS 92-P-15E

CLAIM & LOCATION MAP

Scale 1:50,000 Aug., 1982 A.T./r.w.r.

FIGURE 2

## GEOLOGY

### General Geology

The regional geology appears on Map 1278A in the G.S.C. Memoir 363, by R. B. Campbell and H. W. Tipper. The eastern part of the property is said to be underlain by Jurassic andesitic arenite and siltstone, and the western part by slightly younger augite andesite breccia and flows.

### Detail Geology

Mapping done by Archean Engineering Ltd. in 1982 suggested a much more complex geological picture than that indicated by the G.S.C. work. That mapping program found a sequence of andesite agglomerates, andesite tuffs and minor andesite flows interbedded with thin rhyolite horizons. These volcanic rocks are overlain by fine-grained mudstone and argillite.

The 1985 work indicated the presence of a sequence of andesitic agglomerates and tuffs in the western and northern parts of the EM survey area northeast of Christopher Lake (Figure 3). These rocks are bordered to the southeast by pyroclastics of a more dacitic nature. Fragments range in size from agglomerate to lapilli and tuff size, set in a black argillaceous matrix. Altered, carbonatized and silicified agglomerates occur on strike along the northeast margin of Christopher Lake, and may be equivalent to the dacites. Black argillaceous sedimentary rocks occur along the ridges further upslope from the dacite pyroclastic rocks. Minor amounts of grey chert and argillaceous tuffs are interbedded with the black argillites.

The overall structure is partially obscured by extensive areas covered with erratic boulders of agglomerate. This is particularly evident on side hills and in the valley bottoms (Figure 3).

### Mineralization

Trace to minor amounts of pyrite mineralization occur as disseminations throughout the andesitic volcanics. Where sheared, up to 4% pyrite and traces of chalco-pyrite may be present. The dacite fragmental rocks contain an estimated 1% to 5% disseminated sulphides in the form of pyrite and pyrrhotite. In some places sulphides also occur within the black argillaceous matrix, evenly distributed and/or along bedding planes. Up to 10% total sulphides has been rarely observed. The black argillites, cherts and argillaceous tuffs, which were noted capping most of the ridge tops in some places contain 3% to 5% disseminated sulphides.

Rubbly argillite float at sample site G-60, on the grid southeast of Christopher Lake, contains up to 10% estimated total sulphides. Altered ankeritic agglomerate rubble at the northeast corner of the lake contain approximately 1% total sulphides, which consists of pyrite and lesser disseminations of chalcopyrite.

## GEOCHEMISTRY

### Sampling Techniques and Analytical Procedures

A total of 322 soil samples were collected at 25 metre intervals along lines 100 metres apart, over the three grid areas to the east, the northeast and the southeast of Christopher Lake. These samples were taken in order to assess the significance of the VLF-EM conductors which were previously defined on these grids. Samples were taken from the "B" horizon, 15 to 25 cm depths, using a grub hoe. In a large proportion of cases the "B" horizon was poorly developed and the sample had a grey sandy appearance. This was particularly evident in areas covered by rubble and boulders. The samples were placed in numbered Kraft envelopes and shipped for analysis to Chemex Laboratories Ltd. in North Vancouver, B.C.

All soil samples were dried at approximately 60° C and then sieved to minus 80 mesh. A 0.5 gram portion of each sample was extracted by nitric acid-aqua-regia digestion followed by 31 element ICP analysis. Gold was determined by standard Fire Assay extraction and AA measurement. Rock samples were crushed and treated in the same manner as the soils. The analytical data is presented in Appendix III.

### Presentation and Discussion of Results

The geochemical results for Cu, Pb and Zn are shown on Figure 5a, and Ni on Figure 5b. Previous experience in the Canim Lake area established anomalous levels for copper, lead and zinc in streams at 134, 23 and 196 ppm respectively. Statistical treatment was done on a small number of elements.

The results are tabulated below:

	<u>Mean(<math>\bar{x}</math>)</u>	<u>Threshold (<math>\bar{x} + 2S</math>)</u>	<u>Anomalous (<math>\bar{x} + 3S</math>)</u>
Copper	22	94	180
Lead	8.5	22	35
Zinc	90	238	390
Nickel	70	235	460

On the northeast grid the distribution of zinc in soils seems to occur over the dacite agglomerate and black argillite. The pattern of the anomaly could be due to the smearing of anomalous soils along the hill sides from one or two mineralized sources lying upslope. On the southern grid the zinc anomaly is more discrete and linear; a pattern suggesting a single linear mineralized source. It is coincident with a VLF-EM anomaly defined by previous surveys over a boulder-covered area.

The reasons for the high nickel, chromium and cobalt values in the soils have not been deciphered. Map unit 2a, which has been mapped as an "altered and carbonatized dacite agglomerate", has a slight resemblance of an ultrabasic rock. However, the iron content seems too low for such a unit.

## GEOPHYSICS

### EM-16 Instrument and Survey Techniques

Five EM-16 lines at 100 metre spacing were surveyed (8E - 12E) on the east end of the northeast grid using a Geonics EM-16 instrument. Lines 5E and 6E were also extended a few hundred metres to the south (Figure 4). Readings were taken at 25 metre intervals along the survey lines.

All lines were run using the submarine transmitting station in Seattle, Washington, U.S.A. (Station "NLK", 24.8 kHz). In phase and quadrature readings were taken in a northwesterly direction ( $293^{\circ}$ ) to ensure that south and east dips were indicated as negative readings by the instrument. The in-phase readings were later reduced and contoured by use of the Fraser Filtering Technique (Fraser, 1969).

### Presentation and Discussion of Results

The results of the survey are shown on Figure 4 together with the results of previous surveys. In all cases the filtered in-phase readings have been contoured at 10% intervals.

The results extend two parallel northeast trending VLF-EM anomalies an additional 400 and 500 metres each to the northeast. The more northwesterly of the two anomalies measures approximately 1000 metres in length, and appears to be closed off at both ends. This conductor extends from the knoll of a ridge with strong zinc soil anomalies (1460 ppm) along a side hill and across a valley where boulder cover obscures the soil response. It overlies the projected contact between andesite and dacite fragmentals with black argillaceous matrix. The anomaly to the southeast lies atop a ridge, measures 800 metres in length, and is open at both ends. In general it is coincident with sulphide-bearing black argillites and moderately strong zinc soil anomaly. Both conductors could be indicative of massive sulphide mineralization.

**D. L. COOKE AND ASSOCIATES LTD.**  
**MINERAL EXPLORATION CONSULTANTS**

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## CONCLUSIONS AND RECOMMENDATIONS

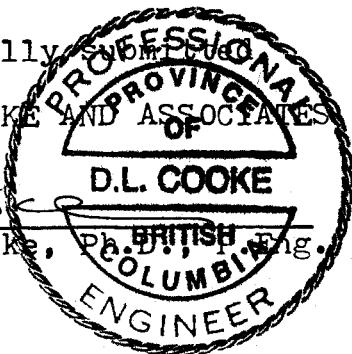
Soil sample results over the grid to the southeast of Christopher Lake show moderately high concentrations of zinc coincident with a 1700 metre long VLF-EM conductor, which may be indicative of massive sulphide mineralization. The level of zinc in the soils is believed to be reduced by the poor development of "B" horizon soils and by the extensive cover of erratic boulders.

The additional VLF-EM survey on the northeast grid has extended the known anomalies 400 to 500 metres. There is anomalous zinc and copper geochemical responses over these conductors, but the coincidence is not as pronounced as that on the southeast grid. There seems to be a broad dispersion of zinc values downward from the top of the ridge.

Additional work is recommended to locate the source of the zinc anomalies and the VLF-EM conductors. This work should include diamond drilling and bulldozer trenching. Additional mapping, soil sampling and VLF-EM survey is recommended over the area between the northeast and the southeast grids.

Respectfully yours,  
D. L. COOKE AND ASSOCIATES, LTD.

~~D. L. Cooke, Ph.D., F.R.S.~~



REFERENCES

Campbell, R.B., Tipper, H.W., 1971; Geology of Bonaparte Lake map-area (92-P). GSC Memoir 363.

Fraser, D.C., 1969; Contouring of VLF-EM Data. Geophysics v.34, No. 6, pp.958-967.

Troup, A.G., 1982; Geology, Geochemistry and Geophysics of the Deception Creek Property. Engineers report dated August 1982.

Troup, A.G., 1983; Geophysical Report on the Deception Creek Property. Engineers report dated September 1983.

Troup, A.G., 1984; Geophysical and Geochemical Report on the Deception Creek Property. Engineers Report dated September, 1984.

**D. L. COOKE AND ASSOCIATES LTD.**  
MINERAL EXPLORATION CONSULTANTS

APPENDIX I

COSTS STATEMENT  
W CLAIMS

GEOPHYSICAL AND GEOCHEMICAL SURVEYS  
28 July - 9 August 1985

GENERAL COSTS

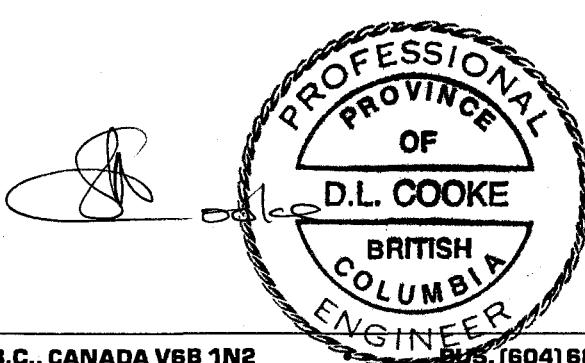
FOOD & ACCOMMODATION	2 Men, 26 Mandays @ \$30.17	\$ 784.42
SUPPLIES		89.22
SHIPPING & POSTAGE		33.95
HELICOPTER		
Northern Mountain 206B 29Jul-8Aug 3.6hrs @ \$496		1,785.60
RENTALS		
Helicom SBX11A 1 Week	\$ 75.00	
D.L. Cooke 4WD PU + Fuel	<u>584.00</u>	659.00
CONSULTANTS, Archean Engineering		2,355.50
DRAFTING		800.00
TELEPHONE SERVICE FIELD		6.00
REPORT PREPARATION		<u>2,115.00</u>
 TOTAL GENERAL COSTS		\$ 8,628.69
		=====

GEOCHEMICAL SURVEY COST

CONTRACT SURVEY, D.L. Cooke & Assoc. 2Men 13Mandays	\$ 2,925.00
ASSAYS & ANALYSES - Chemex Labs	
19 Rocks for Au + 30-Element ICP @ \$18.75	\$ 356.25
322 Soils for Au + 30-Element ICP @ \$14.75	<u>4,749.50</u>
GENERAL COSTS APPORTIONED	
13/26 X \$ 8,628.69	<u>4,314.35</u>
 TOTAL GEOCHEMICAL SURVEY COST	\$ 12,345.10
	=====

GEOPHYSICAL SURVEY COST

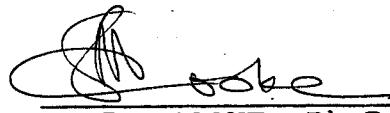
CONTRACT SURVEY, D.L. Cooke & Assoc. 2Men 13Mandays	\$ 2,925.00
RENTALS	
Gallant EM-16, 28Jul-9Aug, 13days @ \$27	351.00
GENERAL COSTS APPORTIONED	
13/26 X \$ 8,628.69	<u>4,314.34</u>
 TOTAL GEOPHYSICAL COST	\$ 7,590.34
	=====



APPENDIX II  
STATEMENT OF QUALIFICATIONS

I, DAVID LAWRENCE COOKE, of the Municipality of Surrey,  
in the Province of British Columbia, hereby certify:

1. That I am a Consulting Geologist residing at 16331 Bell Road, Surrey, B.C., V3S 1J9, with a business office at 810 - 675 West Hastings Street, Vancouver, B.C., V6B 1N2.
2. That I graduated with a B.Sc. degree in Geology from the University of New Brunswick in 1959, and with an M.A. degree and Ph.D. degree in Geology from the University of Toronto in 1961 and 1966 respectively.
3. That I have practised my profession as an exploration geologist from 1959 to the present time in Canada, the U.S.A., Mexico, the Caribbean and South America.
4. That I am a Registered Member of the Association of Professional Engineers of the Province of British Columbia.
5. That together with an assistant I performed the 1985 field work described in this report.



D. L. COOKE, Ph.D., P.Eng.

**APPENDIX III - ANALYTICAL DATA**



# Chemex Labs Ltd.

Analytical Chemists

Geochemists

Registered Assayers

212 Brookbank Ave.  
North Vancouver, B.C.  
Canada V7J 2C1

Telephone: (604) 984-0221  
Telex: 043-52597

Same Address

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Ti, W and V can only be considered as semi-quantitative.

COMMENTS:

ATTN: ART TROUP CC: D. COOK

CERTIFICATE OF ANALYSIS

TO : MARK MANAGEMENT LIMITED

1500 - 675 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6B 1NC

CERT. #: A8515160-001-A  
INVOICE #: 18015168  
DATE: 26-AUG-85  
P.O. #: NONE  
DESCRIPTION: GREEK

SYSTEMS BUSINESS FORMS LIMITED VANCOUVER TR201040

Sample description	Au ppb	Ag ppm	Al ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe ppm	Ga ppm	K ppm	La ppm	Mg ppm	Mn ppm	Mo ppm	Na ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
G-51	85	1	1.37	0.2	10	20	<0.5	<2	23.45	<0.5	17	315	24	2.20	30	<0.01	<10	1.57	520	<1	<0.01	104	470	20	<10	1257	0.09	<10	<10	59	<10	20
G-52	60	1	2.18	0.2	10	60	<0.5	<2	2.14	<0.5	23	111	120	4.78	<10	0.73	<10	1.85	600	<1	0.02	52	1630	12	<10	275	0.22	<10	<10	175	<10	60
G-53	5	16	2.36	0.2	20	170	<0.5	<2	5.22	0.5	40	486	35	5.78	10	0.29	<10	5.34	957	<1	<0.01	165	1210	6	<20	288	0.05	<10	<10	149	<10	70
G-53A	5	1	3.15	0.2	10	30	<0.5	<2	0.95	1.0	30	100	194	5.79	<10	0.06	10	1.00	753	2	0.04	38	1800	20	<10	90	0.30	<10	<10	223	<10	140
G-53B	5	6	2.53	0.2	20	90	<0.5	<2	1.06	1.0	31	173	85	5.44	<10	0.04	10	1.51	806	<1	0.01	118	1590	12	<10	56	0.22	<10	<10	164	<10	100
G-54	10	9	2.65	0.2	20	130	<0.5	2	3.11	<0.5	17	57	46	4.54	<10	0.11	<10	1.98	750	<1	0.04	26	1220	12	<10	83	0.35	<10	<10	100	<10	80
G-55	35	1	2.53	0.2	10	40	<0.5	<2	3.86	0.5	18	42	90	3.15	<10	0.06	<10	0.93	514	<1	0.03	25	1170	12	<10	112	0.28	<10	<10	122	<10	90
G-56	10	3	1.68	0.2	10	120	<0.5	<2	1.77	<0.5	22	52	135	4.17	<10	0.29	<10	0.93	670	1	0.02	42	1760	12	<10	148	0.14	<10	<10	86	<10	70
G-57	5	4	0.30	0.2	20	20	<0.5	<2	10.65	0.5	41	375	59	4.43	20	0.02	<10	4.57	863	<1	<0.01	304	2580	10	<10	610	<0.01	<10	<10	97	<10	50
G-58	5	4	0.19	0.2	10	40	<0.5	<2	12.89	0.5	38	322	19	4.42	20	<0.01	<10	4.35	1099	<1	<0.01	321	6600	10	<10	631	<0.01	<10	<10	75	<10	40
G-59	5	18	1.52	0.6	30	30	<0.5	3	1.06	<0.5	32	143	109	5.51	<10	0.08	10	1.04	517	2	0.05	77	1360	14	<10	38	0.36	<10	<10	188	<10	120
G-60	25	36	1.82	0.2	40	50	<0.5	<2	3.09	<0.5	30	187	84	6.03	<10	0.18	10	1.74	946	1	0.03	73	1390	12	<10	69	0.38	<10	<10	241	<10	90
G-61	70	10	2.03	0.2	20	20	<0.5	<2	2.84	<0.5	30	183	114	4.76	<10	0.11	<10	2.57	762	1	0.02	128	1430	8	<10	69	0.24	<10	<10	163	<10	70
G-62	50	4	2.31	0.2	20	40	<0.5	<2	2.35	<0.5	25	93	71	5.58	<10	0.38	10	2.34	933	4	0.01	43	1310	10	<10	93	0.39	<10	<10	227	<10	90
G-63	100	1	2.09	0.2	10	210	<0.5	<2	1.50	0.5	21	33	90	4.78	<10	0.30	10	1.37	707	1	0.01	19	1570	14	<10	119	0.24	<10	<10	129	<10	90
G-64	45	1	2.01	0.2	30	190	<0.5	<2	1.80	<0.5	30	36	63	4.41	<10	0.41	<10	1.90	613	<1	0.01	37	1740	6	<10	116	0.29	<10	<10	93	<10	80
G-65	5	3	1.66	0.2	10	150	<0.5	<2	0.88	0.5	31	43	76	3.82	<10	0.32	10	1.06	428	3	0.03	53	1720	8	<10	65	0.31	<10	<10	88	<10	100
G-66	5	2	1.30	0.2	10	190	<0.5	<2	0.88	<0.5	34	35	156	3.55	<10	0.36	10	0.65	310	1	0.03	44	1720	14	<10	57	0.26	<10	<10	70	<10	60
G-67	5	1	0.17	0.2	10	60	<0.5	<2	11.30	<0.5	24	236	8	4.36	10	0.04	<10	3.91	968	<1	<0.01	182	8250	8	<10	510	<0.01	<10	<10	78	<10	40

Certified by ... Hart Bickler



# Chemex Labs Ltd.

Analytical Chemists      Geochemists      Registered Assayers

212 Brookbank Ave.  
North Vancouver, B.C.  
Canada V7J 2C1  
Telephone: (604) 984-0221  
Telex: 043-52597

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Ti, W and V can only be considered as semi-quantitative.

Comments:  
CC: D.L. COOKE

## CERTIFICATE OF ANALYSIS

TO : MARK MANAGEMENT LIMITED

1500 - 675 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6B 1N2

CERT. #: A851S180-001-A  
INVOICE #: 18515180  
DATE: 5-SEP-85  
P.O. #: NONE  
DECEPTION CREEK

Sample description	Au ppb EA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe ppm	Ga ppm	K ppm	La ppm	Mg ppm	Mn ppm	Mo ppm	Na ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti ppm	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
L01+00E 00+25N	<5	0.96	0.2	10	120	<0.5	<2	0.28	1.5	10	49	<10	1.43	<10	0.04	<10	0.35	392	<1	0.03	41	1100	6	<10	30	0.10	<10	<10	37	<10	200	--
L01+00E 00+50N	<5	2.38	0.2	20	120	<0.5	<2	0.41	0.5	26	184	29	3.94	<10	0.12	10	1.85	557	1	0.01	138	1210	8	<10	32	0.21	<10	<10	100	<10	220	--
L01+00E 00+75N	<5	2.69	0.2	20	120	<0.5	<2	0.51	<0.5	29	222	29	3.66	<10	0.11	10	1.75	399	1	0.02	170	1290	12	<10	33	0.19	<10	<10	86	<10	200	--
L01+00E 01+00N	<5	2.37	0.2	20	130	<0.5	<2	0.47	<0.5	25	234	11	3.10	<10	0.05	<10	1.93	447	<1	0.01	151	1420	8	<10	28	0.18	<10	<10	70	<10	170	--
L01+00E 01+25N	<5	3.48	0.2	40	120	<0.5	<2	1.09	0.5	40	398	22	4.98	<10	0.18	10	4.29	575	<1	0.01	260	820	10	<10	70	0.23	<10	<10	96	<10	100	--
L01+00E 01+50N	<5	2.96	0.8	30	80	<0.5	<2	1.04	0.5	27	260	66	3.84	<10	0.06	10	1.72	331	1	0.02	167	270	6	<10	82	0.20	<10	<10	107	<10	70	--
L01+00E 01+75N	<5	3.07	0.2	30	190	<0.5	<2	0.71	<0.5	40	310	56	4.53	<10	0.17	10	3.00	572	<1	0.01	241	1320	8	<10	78	0.24	<10	<10	105	<10	150	--
L01+00E 02+00N	<5	2.77	0.2	30	190	<0.5	<2	0.48	<0.5	51	411	66	6.25	<10	0.47	<10	2.02	590	1	0.01	264	1900	6	<10	47	0.21	<10	<10	153	<10	120	--
L01+00E 02+25N	10	1.85	0.2	20	150	<0.5	<2	0.33	<0.5	22	138	11	2.53	<10	0.08	<10	1.28	475	<1	0.03	105	750	8	<10	26	0.18	<10	<10	57	<10	150	--
L01+00E 02+50N	<5	2.16	0.2	30	80	<0.5	<2	0.75	<0.5	30	279	91	3.98	<10	0.30	10	2.69	472	<1	0.01	174	1180	8	<10	54	0.19	<10	<10	110	<10	50	--
L01+00E 02+75N	<5	2.77	0.2	30	440	<0.5	<2	0.76	<0.5	46	329	64	5.45	<10	0.08	<10	2.62	606	<1	0.02	164	3280	10	<10	81	0.22	<10	<10	118	<10	170	--
L01+00E 03+00N	<5	1.41	0.2	10	170	<0.5	<2	0.41	<0.5	18	68	9	2.29	<10	0.07	<10	0.65	360	<1	0.03	51	2390	8	<10	68	0.12	<10	<10	54	<10	80	--
L01+00E 03+25N	<5	2.62	0.2	20	220	<0.5	<2	0.53	<0.5	34	250	32	4.42	<10	0.10	<10	2.42	447	<1	0.01	152	2550	6	<10	49	0.19	<10	<10	93	<10	120	--
L01+00E 03+50N	<5	1.97	0.2	20	330	<0.5	<2	0.71	<0.5	29	241	35	3.41	<10	0.07	<10	2.14	748	<1	0.02	109	840	8	<10	61	0.19	<10	<10	72	<10	70	--
L01+00E 03+75N	<5	2.89	0.2	30	100	<0.5	<2	0.63	<0.5	40	387	22	3.99	<10	0.09	<10	3.33	523	<1	0.01	230	790	6	<10	37	0.21	<10	<10	75	<10	90	--
L01+00E 04+00N	<5	2.76	0.2	30	140	<0.5	<2	0.63	<0.5	35	404	34	4.83	<10	0.05	<10	3.12	590	<1	0.01	123	1300	10	<10	36	0.22	<10	<10	109	<10	120	--
L02+00E 00+00N	<5	2.01	0.2	20	90	<0.5	<2	0.32	2.0	22	118	24	3.10	<10	0.08	10	0.99	459	<1	0.03	78	850	10	<10	30	0.19	<10	<10	80	<10	530	--
L02+00E 00+25N	5	2.49	0.2	30	100	<0.5	<2	0.38	5.5	24	142	21	3.39	<10	0.09	10	1.29	502	<1	0.03	109	1200	42	<10	36	0.20	<10	<10	85	<10	1460	--
L02+00E 00+50N	<5	2.95	0.2	30	100	<0.5	<2	0.52	1.5	41	477	48	3.74	<10	0.03	10	3.08	517	<1	0.02	379	1370	10	<10	37	0.19	<10	<10	83	<10	380	--
L02+00E 00+75N	<5	2.64	0.2	30	100	<0.5	<2	0.54	0.5	27	225	39	3.82	<10	0.07	10	1.78	490	<1	0.01	157	1860	10	<10	47	0.19	<10	<10	91	<10	260	--
L02+00E 01+00N	<5	1.70	0.2	10	90	<0.5	<2	0.27	<0.5	17	116	10	2.37	<10	0.05	<10	0.95	462	<1	0.02	85	1210	6	<10	22	0.14	<10	<10	59	<10	210	--
L02+00E 01+25N	<5	2.40	0.2	20	180	<0.5	<2	0.23	1.5	23	159	17	3.02	<10	0.07	10	1.13	495	<1	0.01	95	3610	10	<10	23	0.14	<10	<10	63	<10	420	--
L02+00E 01+50N	<5	2.38	0.2	20	90	<0.5	<2	0.50	<0.5	28	209	43	3.78	<10	0.20	<10	1.79	503	<1	0.01	129	590	10	<10	31	0.21	<10	<10	98	<10	130	--
L02+00E 01+75N	<5	2.24	0.2	20	100	<0.5	<2	0.38	<0.5	24	76	47	3.61	<10	0.10	<10	1.55	349	<1	0.01	79	880	16	<10	41	0.19	<10	<10	87	<10	200	--
L02+00E 02+00N	<5	2.26	0.2	20	130	<0.5	<2	0.31	<0.5	26	150	34	3.20	<10	0.08	<10	1.43	467	1	0.01	144	1510	10	<10	35	0.15	<10	<10	92	<10	290	--
L03+00E 00+25N	<5	1.52	0.2	20	180	<0.5	<2	0.28	3.0	11	54	16	3.06	<10	0.19	10	0.69	490	3	0.01	57	750	10	<10	24	0.07	<10	<10	60	<10	470	--
L03+00E 00+50N	<5	1.55	0.2	20	120	<0.5	<2	0.23	1.0	11	57	25	2.74	<10	0.18	10	0.69	236	3	0.02	50	380	10	<10	23	0.10	<10	<10	64	<10	350	--
L03+00E 00+75N	<5	1.86	0.2	20	150	<0.5	<2	0.36	2.5	13	87	25	3.13	<10	0.21	10	0.80	448	3	0.01	67	680	18	<10	32	0.11	<10	<10	86	<10	510	--
L03+00E 01+00N	<5	2.04	0.4	30	140	<0.5	<2	0.39	3.0	18	124	17	3.06	<10	0.14	10	1.13	665	1	0.02	85	950	12	<10	32	0.17	<10	<10	74	<10	500	--
L03+00E 01+25N	15	1.12	0.2	10	110	<0.5	<2	0.32	4.0	13	72	6	1.91	<10	0.07	<10	0.48	560	<1	0.03	46	1580	18	<10	32	0.11	<10	<10	48	<10	320	--
L03+00E 01+50N	<5	2.02	0.6	40	100	<0.5	<2	0.34	5.5	17	142	19	3.26	<10	0.09	10	1.22	384	<1	0.02	88											



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## CERTIFICATE OF ANALYSIS

TO : MARK MANAGEMENT LIMITED

1500 - 675 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6B 1N2

CERT. #: A8515180-002-A  
INVOICE #: 18515180  
DATE : 5-SEP-85  
P.O. #: NONE  
DECEPTION CREEK

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

## COMMENTS :

CC: D.L. COOKE

Sample description	Au ppb EA+AA	Al ppm Z	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca ppm Z	Cd ppm	Co ppm	Cu ppm	Fe ppm Z	Ga ppm	K ppm Z	La ppm Z	Mg ppm Z	Mn ppm Z	Mo ppm Z	Na ppm Z	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti ppm Z	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
L04+00E 03+25N	<5	2.05	0.8	40	100	<0.5	<2	0.30	0.5	24	148	16	3.02	<10	0.05	<10	1.21	438	2	0.01	112	2260	14	<10	24	0.14	<10	<10	59	<10	300
L04+00E 03+50N	<5	2.03	0.4	40	280	<0.5	<2	0.29	3.0	23	80	39	3.90	<10	0.18	<10	1.19	687	1	0.01	60	1370	12	<10	28	0.17	<10	<10	105	<10	520
L04+00E 03+75N	<5	2.18	0.2	50	180	<0.5	<2	0.35	2.5	27	149	27	3.93	<10	0.09	<10	1.59	761	2	0.01	115	1790	10	<10	29	0.17	<10	<10	95	<10	350
L04+00E 04+00N	<5	0.97	0.4	10	130	<0.5	<2	0.32	4.5	11	56	<1	1.99	<10	0.04	<10	0.46	563	<1	0.04	31	1240	8	<10	25	0.10	<10	<10	49	<10	170
L05+00E 00+50N	<5	0.94	0.6	10	140	<0.5	<2	0.22	1.5	7	28	<1	1.70	<10	0.08	<10	0.29	295	1	0.03	25	1350	6	<10	28	0.08	<10	<10	49	<10	280
L05+00E 00+75N	<5	1.79	0.4	10	90	<0.5	<2	0.35	1.0	16	54	6	2.49	<10	0.10	<10	0.48	310	1	0.04	51	740	8	<10	39	0.15	<10	<10	64	<10	410
L05+00E 01+00N	<5	1.00	0.2	10	90	<0.5	<2	0.27	1.0	10	54	<1	2.01	<10	0.05	<10	0.45	543	1	0.03	29	930	4	<10	23	0.13	<10	<10	56	<10	210
L05+00E 01+25N	<5	2.13	1.0	30	190	<0.5	<2	0.37	4.0	20	122	15	3.65	<10	0.11	10	1.00	729	3	0.02	89	2020	18	<10	37	0.16	<10	<10	85	<10	610
L05+00E 01+50N	<5	0.82	0.6	10	110	<0.5	<2	0.23	2.0	7	19	<1	1.56	<10	0.05	<10	0.18	737	1	0.03	12	1420	6	<10	21	0.09	<10	<10	39	<10	180
L05+00E 01+75N	<5	1.63	1.0	20	170	<0.5	<2	0.24	3.0	16	43	30	3.28	<10	0.09	<10	0.44	991	4	0.03	45	1160	8	<10	21	0.09	<10	<10	66	<10	540
L05+00E 02+00N	<5	2.15	0.2	30	100	<0.5	<2	0.36	<0.5	18	152	66	3.72	<10	0.10	20	1.35	331	4	0.01	82	710	8	<10	30	0.16	<10	<10	93	<10	180
L05+00E 02+25N	<5	2.01	0.2	20	120	<0.5	<2	0.36	0.5	21	114	74	4.17	<10	0.14	10	1.13	441	4	0.01	92	620	8	<10	33	0.16	<10	<10	99	<10	300
L05+00E 02+50N	<5	1.49	0.2	20	170	<0.5	<2	0.32	1.5	14	90	27	2.76	<10	0.18	10	0.74	419	5	0.01	70	810	10	<10	29	0.10	<10	<10	76	<10	310
L05+00E 02+75N	<5	2.02	0.4	30	100	<0.5	<2	0.34	0.5	22	122	38	3.91	<10	0.12	10	1.09	367	2	0.01	92	870	12	<10	23	0.19	<10	<10	115	<10	250
L05+00E 03+00N	<5	1.08	0.4	10	110	<0.5	<2	0.37	1.0	12	82	<1	1.80	<10	0.04	<10	0.67	450	<1	0.04	50	1610	8	<10	36	0.11	<10	<10	45	<10	160
L05+00E 03+25N	<5	2.29	0.2	40	110	<0.5	<2	0.33	0.5	23	187	47	4.02	<10	0.11	10	1.53	422	5	0.01	124	1120	10	<10	20	0.16	<10	<10	106	<10	420
L05+00E 03+50N	<5	2.00	0.2	30	110	<0.5	<2	0.33	1.0	21	139	32	3.30	<10	0.09	10	1.34	469	2	0.01	97	1150	14	<10	22	0.15	<10	<10	86	<10	310
L05+00E 03+75N	<5	1.15	0.4	10	200	<0.5	<2	0.18	5.5	10	60	<1	1.72	<10	0.08	<10	0.32	1120	1	0.02	32	1240	6	<10	19	0.10	<10	<10	42	<10	300
L05+00E 04+00N	<5	1.37	0.2	20	140	<0.5	<2	0.37	0.5	12	114	<1	2.09	<10	0.17	10	0.77	479	1	0.01	60	740	6	<10	33	0.11	<10	<10	49	<10	130
L06+00E 00+50N	<5	2.65	0.4	40	80	<0.5	<2	0.47	0.5	30	340	41	3.81	<10	0.12	10	2.73	372	3	0.01	246	320	8	<10	27	0.19	<10	<10	93	<10	170
L06+00E 00+75N	<5	1.90	0.4	20	170	<0.5	<2	0.29	1.5	16	96	8	2.71	<10	0.17	10	0.68	482	3	0.02	54	1190	14	<10	27	0.11	<10	<10	82	<10	510
L06+00E 01+00N	<5	0.81	0.2	10	120	<0.5	<2	0.18	1.0	10	28	7	1.99	<10	0.09	<10	0.27	444	2	0.05	21	1050	6	<10	21	0.10	<10	<10	44	<10	210
L06+00E 01+25N	<5	1.91	0.2	30	160	<0.5	<2	0.25	2.0	20	138	45	4.15	<10	0.17	10	0.99	533	5	0.02	106	1490	14	<10	24	0.14	<10	<10	95	<10	490
L06+00E 01+50N	<5	1.80	0.4	20	180	<0.5	<2	0.24	2.0	17	80	27	3.53	<10	0.18	10	0.73	378	4	0.02	77	1610	10	<10	27	0.13	<10	<10	85	<10	510
L06+00E 01+75N	<5	2.12	0.6	50	100	<0.5	<2	0.40	1.5	21	133	54	4.19	<10	0.18	10	1.19	438	3	0.01	84	590	10	<10	38	0.19	<10	<10	98	<10	770
L06+00E 01+75NB	<5	1.80	0.8	20	120	<0.5	<2	0.36	1.5	16	65	10	2.53	<10	0.10	10	0.54	340	1	0.03	48	540	10	<10	31	0.15	<10	<10	69	<10	400
L06+00E 02+00N	<5	0.61	0.4	10	100	<0.5	<2	0.21	0.5	7	21	<1	1.31	<10	0.04	<10	0.15	330	<1	0.04	10	1280	4	<10	19	0.08	<10	<10	35	<10	100
L06+00E 02+25N	<5	1.91	0.4	30	140	<0.5	<2	0.33	2.5	23	196	4	2.80	<10	0.07	10	1.48	542	1	0.01	122	1270	12	<10	25	0.15	<10	<10	63	<10	420
L06+00E 02+50N	<5	2.56	0.2	40	200	<0.5	<2	0.36	4.0	30	235	9	3.46	<10	0.07	<10	1.98	650	1	0.01	170	1910	14	<10	28	0.15	<10	<10	70	<10	840
L06+00E 02+75N	<5	1.42	0.2	30	140	<0.5	<2	0.45	1.0	12	64	21	2.60	<10	0.23	10	0.58	320	6	0.01	60	2020	10	<10	37	0.06	<10	<10	84	<10	380
L06+00E 03+00N	<5	1.98	0.2	30	160	<0.5	<2	0.32	2.5	16	112	18	3.32	<10	0.19	10	0.89	417	5	0.01	67	1120	12	<10	33	0.15	<10	<10	105	<10	590
L06+00E 03+25N	<5	0.92	0.2	10	80	<0.5	<2	0.14	1.0	7	25	<1	1.54	<10	0.05</																



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## CERTIFICATE OF ANALYSIS

TO : MARK MANAGEMENT LIMITED

CERT. #: A8515180-003-A

1500 - 675 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6B 1N2

INVOICE #: I8515180

DATE : 5-SEP-85

P.O. #: NONE

DECEPTION CREEK

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Ti, W and V can only be considered as semi-quantitative.

## COMMENTS :

CC: D.L. COOKE

Sample description	Au ppb EA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
L06+00E 05+50N	<5	2.36	0.2	30	90	<0.5	<2	0.61	<0.5	23	159	43	3.86	<10	0.23	10	1.51	553	1	0.02	107	590	18	<10	60	0.21	<10	<10	93	<10	100	--
L07+00E 01+75N	<5	2.34	0.4	40	150	<0.5	<2	0.42	1.5	24	118	79	4.59	<10	0.22	10	1.19	437	5	0.01	125	1080	14	<10	36	0.17	<10	<10	78	<10	480	--
L07+00E 02+00N	5	1.90	0.4	30	140	<0.5	<2	0.27	1.0	19	95	27	3.83	<10	0.17	10	0.84	340	5	0.01	85	1380	12	<10	28	0.15	<10	<10	84	<10	570	--
L07+00E 02+25N	10	1.66	0.2	30	120	<0.5	<2	0.24	1.5	15	105	31	3.57	<10	0.15	10	0.90	375	8	0.01	83	640	10	<10	24	0.11	<10	<10	85	<10	470	--
L07+00E 02+50N	10	1.16	0.2	30	120	<0.5	<2	0.18	3.0	14	66	42	3.93	<10	0.15	10	0.52	468	12	0.01	71	910	16	<10	21	0.08	<10	<10	86	<10	480	--
L07+00E 02+75N	<5	1.34	0.2	20	140	<0.5	<2	0.26	4.0	18	186	5	2.17	<10	0.06	<10	1.13	1200	2	0.03	134	780	10	<10	28	0.11	<10	<10	61	<10	240	--
L07+00E 03+00N	<5	1.16	0.2	10	120	<0.5	<2	0.12	3.0	11	77	3	1.98	<10	0.07	<10	0.34	719	2	0.04	46	1460	8	<10	14	0.10	<10	<10	54	<10	220	--
L07+00E 03+25N	<5	2.74	0.2	40	100	<0.5	<2	0.53	0.5	43	264	69	4.68	<10	0.12	10	2.20	475	2	0.01	209	1080	12	<10	33	0.22	<10	<10	105	<10	400	--
L07+00E 03+50N	<5	1.76	0.4	20	120	<0.5	<2	0.27	1.5	20	96	14	3.01	<10	0.08	10	0.69	565	1	0.03	74	2100	12	<10	28	0.15	<10	<10	75	<10	360	--
L07+00E 03+75N	<5	1.27	0.2	20	140	<0.5	<2	0.32	1.5	18	107	3	2.27	<10	0.08	<10	0.70	552	1	0.03	70	1530	10	<10	29	0.14	<10	<10	56	<10	200	--
L07+00E 04+00N	20	2.46	0.4	30	120	<0.5	<2	0.42	1.0	35	265	48	3.79	<10	0.08	10	1.73	706	2	0.02	171	990	12	<10	37	0.20	<10	<10	92	<10	380	--
L07+00E 04+25N	10	2.02	0.6	140	140	<0.5	<2	0.41	3.0	22	107	42	3.81	<10	0.16	10	0.98	891	2	0.01	82	1360	30	<10	37	0.16	<10	<10	101	<10	690	--
L07+00E 04+50N	5	1.45	0.4	40	100	<0.5	<2	0.20	1.5	17	110	27	3.82	<10	0.10	10	0.70	594	4	0.02	75	1230	24	<10	20	0.07	<10	<10	75	<10	390	--
L07+00E 04+75N	10	2.57	0.2	30	180	<0.5	<2	0.51	0.5	30	185	41	5.04	<10	0.09	10	1.49	558	2	0.01	92	3500	12	<10	47	0.19	<10	<10	112	<10	250	--
L07+00E 05+00N	<5	1.55	0.2	20	90	<0.5	<2	0.67	<0.5	17	60	11	3.14	<10	0.35	<10	0.76	611	1	0.02	33	680	8	<10	87	0.23	<10	<10	92	<10	140	--
L07+00E 05+25N	5	2.73	0.2	<10	240	<0.5	<2	0.80	<0.5	36	314	19	4.25	<10	0.21	10	2.76	1185	<1	0.01	178	1190	6	<10	73	0.22	<10	<10	93	<10	120	--
L07+00E 05+50N	<5	2.80	0.2	30	120	<0.5	<2	0.84	<0.5	32	393	37	4.37	<10	0.25	10	3.46	588	1	0.01	204	850	10	<10	75	0.23	<10	<10	103	<10	70	--
L08+00E 01+50N	<5	2.26	0.6	30	170	<0.5	<2	0.23	1.5	21	153	15	2.92	<10	0.15	10	1.11	609	3	0.02	105	730	12	<10	20	0.17	<10	<10	75	<10	430	--
L08+00E 01+75N	<5	2.58	0.4	40	180	<0.5	<2	0.34	1.0	24	135	43	4.05	<10	0.14	10	1.14	649	3	0.01	96	2020	12	<10	37	0.16	<10	<10	91	<10	420	--
L08+00E 02+00N	<5	2.41	0.4	30	130	<0.5	<2	0.34	1.5	28	122	100	4.39	<10	0.20	10	1.13	497	3	0.01	84	1270	12	<10	30	0.19	<10	<10	94	<10	450	--
L08+00E 02+25N	5	3.00	0.2	40	260	<0.5	<2	0.66	0.5	35	195	73	4.73	<10	0.18	10	1.80	846	2	0.01	121	1730	14	<10	50	0.20	<10	<10	106	<10	300	--
L08+00E 02+50N	<5	1.23	0.2	10	110	<0.5	<2	0.30	1.0	14	85	3	1.94	<10	0.08	<10	0.58	681	1	0.03	47	1060	8	<10	26	0.11	<10	<10	53	<10	200	--
L08+00E 02+75N	<5	0.90	0.4	10	140	<0.5	<2	0.20	1.0	9	57	1	1.71	<10	0.08	10	0.41	476	1	0.03	28	850	6	<10	19	0.10	<10	<10	46	<10	140	--
L08+00E 03+00N	<5	1.36	0.2	20	150	<0.5	<2	0.22	0.5	10	76	14	2.17	<10	0.09	10	0.67	620	3	0.02	48	610	10	<10	18	0.12	<10	<10	56	<10	150	--
L08+00E 03+25N	<5	0.99	0.4	<10	170	<0.5	<2	0.18	1.5	11	42	<1	1.92	<10	0.10	<10	0.36	718	2	0.02	22	750	12	<10	57	0.11	<10	<10	52	<10	200	--
L08+00E 03+50N	<5	1.91	0.4	<10	170	<0.5	<2	0.29	1.5	19	141	41	4.01	<10	0.16	10	1.18	547	4	0.02	106	1210	12	<10	24	0.16	<10	<10	84	<10	360	--
L08+00E 03+75N	<5	1.31	0.4	<10	120	<0.5	<2	0.17	2.5	12	79	<1	2.12	<10	0.10	10	0.53	747	3	0.03	56	930	6	<10	17	0.10	<10	<10	70	<10	260	--
L08+00E 04+00N	<5	1.86	0.4	<10	160	<0.5	<2	0.25	3.0	25	185	<1	2.19	<10	0.06	<10	0.99	740	1	0.03	129	1720	6	<10	25	0.14	<10	<10	57	<10	390	--
L08+00E 04+25N	<5	1.98	0.4	<10	70	<0.5	<2	0.27	<0.5	27	318	<1	2.73	<10	<0.01	<10	1.93	390	<1	0.03	162	1040	8	<10	19	0.16	<10	<10	60	<10	140	--
L08+00E 04+50N	5	2.14	0.2	<10	130	<0.5	<2	0.67	<0.5	26	269	17	3.20	<10	0.07	10	2.31	846	<1	0.02	171	1250	8	<10	70	0.15	<10	<10	73	<10	80	--
L08+00E 04+75N	<5	2.39	0.4	<10	130	<0.5	<2	0.56	0.5	28	241	<1	3.40	<10	0.08	10																



# Chemex Labs Ltd.

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## Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Ti, W and V can only be considered as semi-quantitative.

TO : MARK MANAGEMENT LIMITED

1500 - 675 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6B 1N2

CERT. #: A8515180-004-A  
INVOICE #: 18515180  
DATE: 5-SEP-85  
P.O. #: NONE  
DECEPTION CREEK

COMMENTS:  
CC: D.L. COOKE

## CERTIFICATE OF ANALYSIS

Sample description	Au ppb	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sr	Tl	Tl	U	V	W	Zn	
	EA+AA	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm			
L09+00E 03+50N	15	2.03	0.2	<10	130	<0.5	<2	0.37	0.5	24	148	32	3.26	<10	0.03	<10	1.41	409	1	0.02	96	520	10	<10	26	0.15	<10	<10	84	<10	220	--
L09+00E 03+75N	<5	2.68	0.2	<10	180	<0.5	<2	0.50	1.0	36	203	27	3.48	<10	0.06	10	1.83	520	1	0.02	155	1380	10	<10	34	0.17	<10	<10	82	<10	310	--
L09+00E 04+00N	<5	2.51	0.2	<10	120	<0.5	<2	0.45	1.0	32	230	66	4.74	<10	0.08	10	2.14	538	3	0.01	125	830	6	<10	19	0.25	<10	<10	164	<10	360	--
L09+00E 04+25N	<5	2.16	0.6	<10	170	<0.5	<2	0.37	2.0	24	204	<1	2.82	<10	0.07	10	1.64	473	1	0.01	125	1190	8	<10	26	0.16	<10	<10	70	<10	310	--
L09+00E 04+50N	<5	1.92	0.4	<10	230	<0.5	<2	0.44	3.0	19	138	11	3.24	<10	0.11	10	1.31	758	3	0.02	99	1090	8	<10	37	0.15	<10	<10	95	<10	430	--
L09+00E 04+75N	<5	1.40	0.2	<10	160	<0.5	<2	0.33	2.0	16	96	20	3.52	<10	0.10	10	0.66	516	3	0.02	54	1110	10	<10	38	0.12	<10	<10	104	<10	270	--
L09+00E 05+00N	<5	1.41	0.2	<10	160	<0.5	<2	0.34	2.0	17	97	21	3.53	<10	0.10	10	0.66	519	3	0.02	54	1120	12	<10	38	0.12	<10	<10	105	<10	270	--
L09+00E 05+25N	<5	2.12	0.2	<10	170	<0.5	<2	0.38	0.5	21	103	25	3.36	<10	0.19	20	1.00	467	3	0.02	69	1500	8	<10	40	0.16	<10	<10	80	<10	150	--
L09+00E 05+50N	<5	2.34	0.2	<10	110	<0.5	<2	0.41	<0.5	26	179	27	3.48	<10	0.08	<10	1.41	750	1	0.02	131	820	12	<10	47	0.20	<10	<10	83	<10	160	--
L09+00E 05+75N	<5	2.05	0.2	<10	120	<0.5	<2	0.41	0.5	25	386	<1	2.32	<10	<0.01	<10	2.17	810	<1	0.02	192	720	6	<10	43	0.14	<10	<10	47	<10	160	--
L09+00E 06+00N	<5	2.07	0.2	<10	130	<0.5	<2	0.31	0.5	24	243	10	2.83	<10	0.03	<10	1.70	756	<1	0.02	141	1430	12	<10	31	0.16	<10	<10	65	<10	150	--
L10+00E 02+00N	<5	2.03	0.2	<10	150	<0.5	<2	0.41	2.0	23	108	31	4.02	<10	0.19	10	0.92	468	2	0.02	101	630	12	<10	39	0.20	<10	<10	92	<10	330	--
L10+00E 02+25N	<5	2.14	0.6	<10	190	<0.5	<2	0.32	3.0	23	109	15	3.27	<10	0.11	10	0.81	635	1	0.02	105	1400	10	<10	26	0.17	<10	<10	77	<10	410	--
L10+00E 02+50N	<5	0.78	0.2	<10	80	<0.5	<2	0.21	1.5	7	37	<1	1.40	<10	0.05	<10	0.28	564	<1	0.05	21	480	4	<10	20	0.12	<10	<10	42	<10	150	--
L10+00E 02+75N	<5	1.70	0.8	<10	180	<0.5	<2	0.29	1.5	13	67	<1	2.27	<10	0.11	10	0.35	489	1	0.02	45	1250	8	<10	28	0.12	<10	<10	58	<10	370	--
L10+00E 03+00N	<5	1.61	0.2	<10	170	<0.5	<2	0.25	1.0	13	93	<1	2.35	<10	0.10	10	0.76	429	2	0.01	60	1000	6	<10	24	0.13	<10	<10	60	<10	170	--
L10+00E 03+25N	<5	2.23	0.6	10	310	<0.5	<2	0.32	3.5	28	81	119	6.42	<10	0.24	10	1.17	1208	3	0.01	80	1600	14	<10	33	0.06	<10	<10	78	<10	380	--
L10+00E 03+50N	<5	1.59	0.2	<10	150	<0.5	<2	0.25	2.0	15	88	21	3.82	<10	0.12	10	0.63	530	4	0.02	57	910	16	<10	29	0.12	<10	<10	118	<10	280	--
L10+00E 03+75N	<5	1.93	0.4	<10	150	<0.5	<2	0.32	1.5	24	153	13	3.29	<10	0.09	10	1.16	689	3	0.02	103	1260	8	<10	32	0.16	<10	<10	107	<10	370	--
L10+00E 04+00N	<5	2.12	0.2	<10	370	<0.5	<2	0.41	2.0	24	149	5	2.99	<10	0.14	10	1.19	743	2	0.01	107	1980	10	<10	51	0.15	<10	<10	69	<10	330	--
L10+00E 04+25N	10	2.37	0.2	<10	230	<0.5	<2	0.47	0.5	30	202	<1	3.35	<10	0.07	10	1.92	586	1	0.02	149	2120	8	<10	50	0.16	<10	<10	67	<10	230	--
L10+00E 04+50N	<5	3.04	0.2	<10	140	<0.5	<2	0.92	1.0	40	389	21	4.50	<10	0.09	10	3.92	636	1	0.01	301	1100	8	<10	70	0.17	<10	<10	101	<10	90	--
L10+00E 04+75N	<5	2.97	0.2	<10	140	<0.5	<2	1.07	0.5	51	461	73	4.43	<10	0.10	10	4.13	765	<1	0.01	572	350	6	<10	80	0.18	<10	<10	87	<10	70	--
L10+00E 05+00N	<5	3.14	0.2	<10	150	<0.5	<2	0.91	1.0	43	417	50	4.74	<10	0.08	10	3.68	673	<1	0.01	472	320	10	<10	68	0.21	<10	<10	96	<10	80	--
L10+00E 05+25N	<5	2.52	0.2	<10	160	<0.5	<2	0.52	<0.5	30	268	46	3.98	<10	0.20	10	2.22	564	2	0.02	220	380	10	<10	49	0.21	<10	<10	99	<10	90	--
L10+00E 05+50N	<5	2.62	0.2	<10	180	<0.5	<2	0.56	0.5	27	95	35	4.28	<10	0.06	<10	1.48	467	<1	0.02	75	3060	12	<10	89	0.17	<10	<10	98	<10	170	--
L10+00E 05+75N	<5	2.42	0.4	<10	150	<0.5	<2	0.53	0.5	28	184	53	3.91	<10	0.25	20	1.56	483	3	0.02	171	750	14	<10	52	0.21	<10	<10	91	<10	140	--
L10+00E 06+00N	<5	1.70	0.4	<10	120	<0.5	<2	0.33	0.5	17	125	<1	2.00	<10	0.06	<10	0.75	368	1	0.03	93	1590	6	<10	37	0.14	<10	<10	45	<10	180	--
L10+00E 06+25N	<5	0.66	0.2	<10	100	<0.5	<2	0.15	<0.5	5	14	<1	1.04	<10	0.02	<10	0.08	325	<1	0.04	7	1510	6	<10	18	0.08	<10	<10	29	<10	60	--
L10+00E 06+50N	<5	0.93	0.2	<10	100	<0.5	<2	0.29	0.5	10	25	<1	1.86																			



# Chemex Labs Ltd.

Analytical Chemists

Geochemists

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## CERTIFICATE OF ANALYSIS

TO : MARK MANAGEMENT LIMITED  
1500 - 675 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6B 1N2

CERT. #: A8515180-005-A  
INVOICE #: I8515180  
DATE : 5-SEP-85  
P.O. #: NONE  
DECEPTION CREEK

### Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS:  
CC: D.L. COOKE

Sample description	Au ppb EA+AA	Al Z	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca Z	Cd ppm	Co ppm	Cr ppm	Cu Z	Fe ppm	Ga Z	K ppm	La Z	Mg Z	Mn ppm	Mo Z	Na Z	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti Z	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L11+00E 05+00N	<5 1.07	0.2	<10	100	<0.5	<2	0.19	0.5	15	25	4	1.78	<10	0.04	<10	0.13	566	<1	0.05	21	1780	8	<10	25	0.11	<10	<10	40	<10	190	--
L11+00E 05+25N	<5 0.75	0.2	<10	130	<0.5	<2	0.18	0.5	12	46	<1	1.44	<10	0.03	<10	0.12	932	<1	0.05	22	1280	8	<10	25	0.11	<10	<10	40	<10	140	--
L11+00E 05+75N	<5 2.87	0.2	<10	90	<0.5	<2	0.84	<0.5	38	357	31	3.98	<10	0.10	10	2.94	545	1	0.01	254	900	10	<10	55	0.21	<10	<10	76	<10	140	--
L11+00E 06+00N	5 1.66	0.2	10	140	<0.5	<2	0.25	2.0	32	38	49	4.97	<10	0.09	<10	0.33	569	4	0.04	67	2320	18	<10	34	0.14	<10	<10	61	<10	400	--
L11+00E 06+25N	<5 2.34	0.2	<10	190	<0.5	<2	0.57	0.5	26	119	39	3.80	<10	0.29	20	1.11	469	2	0.01	81	650	10	<10	63	0.22	<10	<10	80	<10	160	--
L11+00E 06+50N	5 1.76	0.2	<10	220	<0.5	<2	0.34	1.0	19	41	2	2.60	<10	0.11	<10	0.35	450	1	0.03	38	2370	10	<10	46	0.14	<10	<10	45	<10	220	--
L11+00E 06+75N	<5 1.59	0.2	<10	180	<0.5	<2	0.23	1.0	15	40	<1	2.18	<10	0.08	<10	0.36	378	1	0.04	31	2340	8	<10	33	0.13	<10	<10	46	<10	280	--
L11+00E 07+00N	<5 2.43	0.2	<10	150	<0.5	<2	0.51	1.5	28	87	27	3.61	<10	0.16	10	1.11	411	1	0.02	81	1380	8	<10	80	0.21	<10	<10	78	<10	280	--
L12+00E 03+00N	<5 2.60	0.2	10	180	<0.5	<2	0.54	1.0	31	94	49	4.16	<10	0.33	10	1.03	793	2	0.02	72	850	12	<10	67	0.22	<10	<10	97	<10	250	--
L12+00E 03+25N	5 3.06	0.2	<10	210	<0.5	<2	0.65	1.0	36	98	95	5.02	<10	0.33	20	1.18	623	2	0.02	77	930	12	<10	79	0.22	<10	<10	108	<10	270	--
L12+00E 03+50N	<5 1.99	0.2	<10	180	<0.5	<2	0.53	2.0	20	47	18	2.92	<10	0.22	10	0.49	614	1	0.05	48	1150	8	<10	66	0.16	<10	<10	67	<10	300	--
L12+00E 03+75N	<5 1.13	0.2	<10	130	<0.5	<2	0.44	2.5	13	22	<1	1.77	<10	0.08	<10	0.25	638	<1	0.04	18	1170	6	<10	55	0.13	<10	<10	49	<10	260	--
L12+00E 04+00N	<5 1.82	0.2	<10	190	<0.5	<2	0.28	2.0	19	52	<1	2.60	<10	0.16	10	0.49	651	1	0.04	53	1170	10	<10	33	0.16	<10	<10	57	<10	500	--
L12+00E 04+25N	<5 2.06	0.2	10	150	<0.5	<2	0.36	0.5	24	115	20	2.99	<10	0.14	10	0.97	383	2	0.03	103	780	10	<10	36	0.17	<10	<10	72	<10	250	--
L12+00E 04+50N	10 2.35	0.2	<10	160	<0.5	<2	0.40	0.5	27	165	23	3.10	<10	0.16	10	1.10	418	1	0.03	155	570	10	<10	41	0.18	<10	<10	71	<10	200	--
L12+00E 04+75N	<5 2.21	0.4	<10	200	<0.5	<2	0.42	1.5	28	224	31	3.71	<10	0.20	10	1.46	819	2	0.02	158	870	12	<10	47	0.21	<10	<10	85	<10	200	--
L12+00E 05+25N	<5 1.88	0.2	<10	120	<0.5	<2	0.31	0.5	20	78	8	2.67	<10	0.13	10	0.72	550	1	0.03	76	1280	10	<10	39	0.15	<10	<10	61	<10	240	--
L12+00E 05+50N	<5 1.05	0.2	<10	110	<0.5	<2	0.23	0.5	9	80	2	1.80	<10	0.04	<10	0.34	181	<1	0.04	37	3150	8	<10	35	0.10	<10	<10	41	<10	100	--
L12+00E 05+75N	10 2.70	0.2	<10	160	<0.5	<2	0.48	1.0	28	66	75	4.72	<10	0.28	10	1.01	519	2	0.02	70	1230	12	<10	68	0.24	<10	<10	101	<10	270	--
L12+00E 06+00N	<5 1.82	0.2	10	180	<0.5	<2	0.39	1.5	23	55	29	3.50	<10	0.16	10	0.55	494	2	0.03	80	1860	16	<10	58	0.16	<10	<10	67	<10	400	--
L12+00E 06+25N	20 2.32	0.2	<10	140	<0.5	<2	0.40	0.5	26	62	34	3.68	<10	0.16	10	0.77	493	2	0.02	64	640	10	<10	50	0.21	<10	<10	86	<10	230	--
L12+00E 06+50N	<5 1.84	0.4	<10	170	<0.5	<2	0.46	2.0	20	46	3	2.56	<10	0.14	10	0.45	520	1	0.03	56	1850	10	<10	49	0.15	<10	<10	52	<10	400	--
L12+00E 06+75N	<5 1.21	0.6	<10	130	<0.5	<2	0.36	1.5	16	27	<1	1.86	<10	0.08	<10	0.22	575	<1	0.04	33	1230	8	<10	38	0.11	<10	<10	43	<10	260	--
L12+00E 07+00N	<5 1.46	0.2	<10	170	<0.5	<2	0.36	2.5	16	30	<1	2.33	<10	0.10	<10	0.25	504	1	0.05	34	2840	10	<10	50	0.11	<10	<10	43	<10	440	--

Hart Bischler  
Certified by .....



# Chemex Labs Ltd.

Analytical Chemists

Geochemists

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Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

CC: D.L. COOKE

## CERTIFICATE OF ANALYSIS

TO : MARK MANAGEMENT LIMITED

1500 - 675 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6B 1N2

CERT. #: A8515181-001-A  
INVOICE #: I8515181  
DATE : 3-SEP-85  
P.O. #: NONE  
DECEPTION CREEK

SYSTEMS BUSINESS FORMS LIMITED VANCOUVER TR20102400

Sample description	Au ppb	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	SB	Sr	Ti	Tl	U	V	W	Zn
	EA+AA	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
LO1+50S 00+00E	<5	2.68	0.2	<10	120	<0.5	<2	0.52	0.5	20	187	24	4.10	10	0.18	<10	1.31	439	<1	0.03	101	1270	12	10	41	0.23	<10	<10	95	<10	190
LO1+50S 00+25E	<5	1.59	0.2	<10	120	<0.5	<2	0.43	<0.5	12	181	13	2.50	<10	0.12	<10	0.79	419	<1	0.05	49	1390	4	<10	32	0.18	<10	<10	65	<10	120
LO1+50S 00+50E	<5	1.34	0.2	<10	110	<0.5	<2	0.48	<0.5	21	376	6	2.50	<10	0.06	<10	1.27	513	<1	0.04	156	1740	4	<10	39	0.13	<10	<10	42	<10	100
LO1+50S 00+85E	<5	1.84	0.2	<10	100	<0.5	<2	0.67	<0.5	16	135	17	2.40	<10	0.11	<10	0.82	508	<1	0.05	61	1020	2	<10	46	0.18	<10	<10	73	<10	150
LO1+50S 01+00E	<5	3.21	0.2	<10	90	<0.5	<2	1.05	<0.5	23	142	69	3.81	10	0.24	10	1.48	488	<1	0.02	92	850	6	<10	54	0.28	<10	<10	123	<10	260
LO1+50S 01+25E	<5	1.06	0.2	<10	100	<0.5	<2	0.30	<0.5	6	56	4	1.53	<10	0.09	<10	0.25	303	<1	0.05	19	1800	2	<10	24	0.11	<10	<10	42	<10	150
LO1+50S 01+50E	<5	1.79	0.2	<10	140	<0.5	<2	0.39	<0.5	13	93	24	2.46	<10	0.08	<10	0.59	250	<1	0.02	50	3540	2	<10	34	0.12	<10	<10	55	<10	180
LO1+50S 01+75E	<5	1.48	1.0	<10	280	<0.5	<2	1.93	<0.5	10	44	49	2.44	<10	0.20	<10	0.28	829	<1	0.02	23	2330	2	<10	201	0.08	<10	<10	66	<10	110
LO1+50S 02+00E	<5	3.60	0.2	<10	130	<0.5	<2	0.77	<0.5	22	126	201	3.97	<10	0.21	<10	0.81	688	<1	0.02	86	1330	6	<10	78	0.19	<10	<10	99	<10	120
LO1+50S 02+25E	<5	2.39	0.2	<10	40	<0.5	<2	0.43	<0.5	18	92	69	3.06	<10	0.06	<10	0.68	312	1	0.03	51	560	2	<10	38	0.19	<10	<10	89	<10	60
LO1+50S 02+50E	<5	3.02	0.2	<10	150	<0.5	<2	1.38	<0.5	21	111	51	3.80	<10	0.18	<10	1.26	1168	<1	0.02	79	650	4	<10	97	0.24	<10	<10	122	<10	100
LO1+50S 02+75E	<5	2.99	0.2	<10	170	<0.5	<2	1.49	<0.5	21	105	65	3.72	<10	0.12	<10	1.09	1907	<1	0.02	63	600	2	<10	105	0.24	<10	<10	114	<10	150
LO1+50S 03+00E	<5	2.96	0.2	<10	90	<0.5	<2	1.09	<0.5	21	123	91	3.75	<10	0.08	<10	1.21	528	<1	0.02	78	700	4	<10	71	0.24	<10	<10	117	<10	140
LO1+50S 03+75E	<5	0.42	0.2	<10	50	<0.5	<2	0.12	<0.5	3	22	<1	0.91	<10	0.06	<10	0.06	393	<1	0.05	4	1220	2	<10	10	0.08	<10	<10	28	<10	30
LO2+50S 00+00E	<5	2.43	0.2	<10	80	<0.5	<2	0.73	1.5	28	176	72	4.87	<10	0.10	<10	1.45	605	1	0.01	115	1820	8	<10	35	0.25	<10	<10	161	<10	370
LO2+50S 00+50E	<5	1.53	0.2	<10	60	<0.5	<2	0.45	<0.5	11	78	10	2.17	<10	0.08	<10	0.57	351	<1	0.03	35	1060	2	<10	29	0.17	<10	<10	63	<10	160
LO2+50S 00+75E	<5	0.67	0.2	<10	100	<0.5	<2	0.41	0.5	8	38	9	1.41	<10	0.07	<10	0.22	941	<1	0.03	15	970	2	<10	40	0.10	<10	<10	45	<10	80
LO2+50S 01+00E	<5	2.19	0.4	<10	110	<0.5	<2	0.49	0.5	15	115	43	3.21	<10	0.11	<10	0.95	559	<1	0.02	63	3030	6	<10	34	0.16	<10	<10	72	<10	250
LO2+50S 01+25E	<5	1.66	0.2	<10	150	<0.5	<2	0.37	<0.5	13	116	14	2.52	<10	0.10	<10	0.77	516	<1	0.02	47	1780	8	<10	33	0.16	<10	<10	58	<10	160
LO2+50S 01+50E	<5	1.30	0.4	<10	70	<0.5	<2	0.31	<0.5	9	74	7	1.92	<10	0.09	<10	0.42	705	<1	0.04	29	1240	2	<10	22	0.14	<10	<10	52	<10	120
LO2+50S 01+75E	<5	1.65	0.2	<10	140	<0.5	<2	0.44	<0.5	14	92	17	2.22	<10	0.09	<10	0.63	578	<1	0.03	44	1760	4	<10	38	0.14	<10	<10	54	<10	210
LO2+50S 02+00E	<5	1.32	0.2	<10	150	<0.5	<2	0.14	<0.5	4	26	<1	1.37	<10	0.06	<10	0.09	202	<1	0.04	7	3610	2	<10	16	0.11	<10	<10	25	<10	30
LO2+50S 02+50E	<5	2.44	0.2	<10	100	<0.5	<2	0.88	<0.5	20	89	41	3.66	<10	0.09	<10	1.29	585	<1	0.02	68	2220	6	<10	56	0.24	<10	<10	112	<10	230
LO2+50S 03+00E	<5	1.78	0.2	<10	60	<0.5	<2	0.77	<0.5	14	79	21	2.43	<10	0.10	<10	0.74	370	<1	0.02	57	970	2	<10	55	0.17	<10	<10	74	<10	100
LO2+50S 03+25E	<5	1.95	0.2	<10	60	<0.5	<2	0.77	<0.5	15	96	36	2.79	<10	0.09	<10	0.82	432	<1	0.01	58	770	6	<10	50	0.19	<10	<10	83	<10	100
LO2+50S 03+50E	<5	0.94	0.2	<10	30	<0.5	<2	0.26	<0.5	8	49	8	1.50	<10	0.05	<10	0.38	152	<1	0.02	28	500	2	<10	19	0.12	<10	<10	44	<10	130
LO2+50S 03+75E	<5	1.14	0.2	<10	110	<0.5	<2	0.27	<0.5	6	43	10	1.87	<10	0.05	<10	0.31	395	<1	0.01	21	2260	2	<10	24	0.12	<10	<10	42	<10	100
LO3+50S 00+00E	<5	0.97	0.2	<10	80	<0.5	<2	0.26	1.5	11	62	8	1.84	<10	0.07	<10	0.33	1229	<1	0.02	39	1370	2	<10	24	0.11	<10	<10	46	<10	140
LO3+50S 00+25E	<5	0.34	0.2	<10	10	<0.5	<2	0.20	<0.5	3	17	<1	0.74	<10	0.04	<10	0.10	72	<1	0.03	5	200	2	<10	12	0.08	<10	<10	29	<10	50
LO3+50S 00+75E	<5	3.11	0.2	<10	50	<0.5	<2	0.57	<0.5	42	353	53	4.91	&																	



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## CERTIFICATE OF ANALYSIS

TO : MARK MANAGEMENT LIMITED

1500 - 675 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6B 1N2

CERT. #: A8515181-002-A  
INVOICE #: I8515181  
DATE : 3-SEP-85  
P.O. #: NONE  
DECEPTION CREEK

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Si, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Ti, W and V can only be considered as semi-quantitative.

COMMENTS:  
CC: D.L. COOKE

Sample description	Au ppb EA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu %	Fe ppm	Ga %	K ppm	La %	Mg ppm	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Tl %	U ppm	V ppm	W ppm	Zn ppm
L04+00N 00+00W	<5	1.72	0.2	<10	70	<0.5	<2	0.34	<0.5	31	433	63	4.47	<10	0.02	<10	1.67	407	1	0.01	341	1290	12	<10	28	0.11	<10	107	<10	170
L04+00N 00+25W	<5	1.64	0.2	<10	120	<0.5	<2	0.48	<0.5	24	348	22	2.50	<10	0.08	<10	1.32	980	<1	0.02	223	980	6	<10	53	0.11	<10	51	<10	110
L04+00N 00+50W	<5	1.47	0.2	<10	70	<0.5	<2	0.46	<0.5	20	353	6	2.19	<10	0.02	<10	1.27	367	<1	0.02	233	1070	6	<10	34	0.09	<10	45	<10	60
L04+00N 00+75W	<5	3.08	0.2	<10	90	<0.5	<2	0.70	<0.5	46	941	40	4.45	<10	0.03	<10	3.67	649	<1	0.01	540	960	16	<10	51	0.17	<10	84	<10	90
L04+00N 01+00W	<5	2.69	0.2	<10	70	<0.5	<2	0.54	<0.5	30	391	44	3.59	<10	0.06	<10	2.04	360	<1	0.01	286	700	12	<10	23	0.19	<10	85	<10	140
L04+00N 01+25W	<5	2.71	0.2	<10	80	<0.5	<2	0.66	<0.5	31	504	39	3.98	<10	0.11	<10	2.05	411	<1	0.02	329	420	10	<10	39	0.22	<10	83	<10	70
L04+00N 01+50W	<5	2.32	0.2	<10	90	<0.5	<2	0.51	<0.5	24	409	25	3.24	<10	0.07	<10	1.75	340	<1	0.03	229	370	8	<10	31	0.20	<10	67	<10	60
L04+00N 01+75W	<5	2.53	0.2	<10	140	<0.5	<2	4.88	<0.5	40	734	104	3.74	10	0.04	<10	2.80	1059	<1	0.01	434	1110	16	<10	142	0.18	<10	73	<10	60
L04+00N 02+00W	<5	2.21	0.2	<10	80	<0.5	<2	0.48	<0.5	31	369	22	3.30	<10	0.07	<10	1.98	523	<1	0.01	241	930	12	<10	32	0.18	<10	64	<10	60
L04+00N 02+25W	<5	2.35	0.2	<10	70	<0.5	<2	1.99	<0.5	48	994	76	3.93	<10	0.07	<10	2.91	524	<1	0.01	552	590	16	10	69	0.20	<10	73	<10	50
L04+00N 02+50W	<5	2.41	0.2	<10	70	<0.5	<2	0.69	<0.5	41	975	41	3.84	<10	0.03	<10	2.52	436	<1	0.02	424	530	12	<10	35	0.24	<10	10	<10	60
L04+00N 02+75W	<5	2.22	0.2	<10	90	<0.5	<2	0.41	<0.5	29	606	6	2.95	<10	0.05	<10	1.79	458	<1	0.02	236	1130	10	<10	21	0.19	<10	54	<10	70
L04+00N 03+00W	<5	2.11	0.2	<10	180	<0.5	<2	0.38	<0.5	24	289	11	2.80	<10	0.13	<10	1.10	400	<1	0.02	179	2370	8	<10	29	0.16	<10	50	<10	120
L04+00N 03+25W	<5	2.71	0.2	<10	90	<0.5	<2	0.52	<0.5	47	940	13	3.98	<10	0.02	<10	2.39	454	<1	0.02	449	1270	14	<10	27	0.23	<10	75	<10	110
L04+00N 03+50W	<5	2.37	0.2	<10	80	<0.5	<2	0.47	<0.5	32	506	11	3.29	<10	0.07	<10	1.54	355	<1	0.02	311	520	8	<10	24	0.18	<10	70	<10	80
L04+50S 00+00E	<5	2.16	0.2	<10	60	<0.5	<2	0.50	0.5	20	123	31	3.45	<10	0.07	<10	0.93	430	<1	0.02	85	2480	8	<10	30	0.17	<10	81	<10	280
L04+50S 00+25E	<5	2.41	0.2	<10	80	<0.5	<2	0.55	1.0	27	188	44	3.86	<10	0.05	<10	1.27	405	<1	0.02	136	1470	8	<10	38	0.21	<10	103	<10	300
L04+50S 00+50E	<5	2.59	0.2	<10	30	<0.5	<2	0.94	1.0	27	184	20	3.57	<10	0.04	<10	2.49	460	<1	0.02	147	830	14	<10	31	0.21	<10	107	<10	140
L04+50S 00+75E	<5	2.18	0.2	<10	40	<0.5	<2	0.63	<0.5	22	158	56	3.13	<10	0.10	<10	1.45	335	<1	0.03	116	350	8	<10	39	0.20	<10	84	<10	80
L04+50S 01+00E	<5	2.44	0.2	<10	100	<0.5	<2	0.72	<0.5	19	104	36	2.84	<10	0.08	<10	0.96	313	<1	0.03	94	720	8	<10	55	0.20	<10	76	<10	150
L04+50S 01+25E	<5	1.27	0.4	<10	100	<0.5	<2	0.57	<0.5	10	61	4	1.68	<10	0.07	<10	0.32	354	<1	0.04	33	1670	2	<10	56	0.12	<10	49	<10	200
L04+50S 01+50E	<5	1.55	0.2	<10	110	<0.5	<2	0.53	1.0	11	48	9	1.92	<10	0.08	<10	0.36	476	<1	0.04	28	2540	2	<10	40	0.11	<10	54	<10	240
L04+50S 01+75E	<5	0.69	0.2	<10	40	<0.5	<2	0.28	<0.5	5	25	1	1.14	<10	0.04	<10	0.17	320	<1	0.04	9	580	2	<10	24	0.10	<10	41	<10	70
L04+50S 02+00E	<5	2.67	0.2	<10	100	<0.5	<2	1.16	<0.5	19	90	82	3.47	<10	0.10	<10	0.99	566	<1	0.01	56	800	6	<10	99	0.24	<10	118	<10	130
L04+50S 02+25E	<5	1.72	0.2	<10	190	<0.5	<2	0.37	<0.5	5	41	6	2.52	<10	0.06	<10	0.18	794	<1	0.03	10	4840	12	<10	50	0.15	<10	47	<10	140
L04+50S 02+50E	<5	2.28	0.2	<10	110	<0.5	<2	1.16	<0.5	15	76	44	3.08	<10	0.11	<10	0.84	551	<1	0.03	36	900	8	<10	122	0.21	<10	100	<10	110
L04+50S 02+75E	<5	2.72	0.2	<10	80	<0.5	<2	1.09	<0.5	20	107	61	3.68	<10	0.11	<10	1.03	405	<1	0.02	61	1920	10	<10	117	0.22	<10	104	<10	170
L04+50S 03+00E	<5	2.50	0.2	<10	60	<0.5	<2	0.64	<0.5	19	138	53	3.18	<10	0.09	<10	1.04	323	<1	0.02	77	740	8	<10	45	0.20	<10	84	<10	140
L04+50S 03+25E	<5	2.21	0.2	<10	100	<0.5	<2	0.46	<0.5	29	513	20	3.05	<10	0.03	<10	2.39	402	<1	0.02	369	1280	14	<10	23	0.17	<10	68	<10	100
L05+00N 00+00W	<5	2.61	0.2	<10	110	<0.5	<2	0.47	<0.5	35	494	12	3.35	<10	0.05	<10	2.55	522	<1	0.02	301	1090	12	<10	28	0.19	<10	69	<10	150
L05+00N 00+25W	5	1.75	0.2	<10	50	<0.5	<2	0.31	<0.5	21	293	19	2.60	<10	0.01	<10	1.41	336	<1	0.02	174	1400	6	<10	16	0.13	<10	63	<10	60
L05+00N 00+50W	5	2.56	0.2	<10	70	<0.5	<2	0.45	<0.5	36	297	50	3.76	<10	0.06	<10	2.11	473	<1	0.01	204	870	10	<10	23	0.19	<10	86	<10	150
L05+00N 01+00W	5</																													



# Chemex Labs Ltd.

Analytical Chemists

Geochemists

Registered Assayers

212 Brookbank Ave.  
North Vancouver, B.C.  
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Telephone: (604) 984-0221  
Telex: 043-52597

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Ti, W and V can only be considered as semi-quantitative.

COMMENTS:

CC: D.L. COOKE

## CERTIFICATE OF ANALYSIS

TO : MARK MANAGEMENT LIMITED

CERT. #: A8515181-003-A

1500 - 675 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6B 1N2

INVOICE #: I8515181

DATE : 3-SEP-85

P.O. #: NONE

DECEPTION CREEK

SYSTEMS BUSINESS FORMS LIMITED VANCOUVER TR2109400

Sample description	Au ppb EA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Tl %	U ppm	V ppm	W ppm	Zn ppm	
L05+00N 03+00W	<5	2.47	0.2	<10	90	<0.5	<2	0.55	<0.5	43	984	26	3.63	<10	0.01	<10	2.59	398	<1	0.02	485	720	14	<10	25	0.20	<10	<10	79	<10	70
L05+00N 03+25W	<5	1.87	0.2	<10	60	<0.5	<2	0.57	<0.5	29	632	5	2.71	<10	0.04	<10	2.05	429	<1	0.01	236	260	10	<10	28	0.22	<10	<10	60	<10	60
L05+00S 00+25E	<5	1.02	0.2	<10	80	<0.5	<2	0.19	0.5	8	37	<1	1.50	<10	0.03	<10	0.31	696	<1	0.03	27	1190	<2	<10	20	0.12	<10	<10	39	<10	220
L05+00S 00+50E	<5	1.66	0.2	<10	80	<0.5	<2	0.50	<0.5	14	59	12	2.34	<10	0.08	<10	0.49	382	<1	0.04	48	2220	6	<10	47	0.14	<10	<10	60	<10	170
L05+00S 00+75E	<5	2.21	0.2	<10	50	<0.5	<2	0.51	0.5	18	85	36	3.08	<10	0.06	<10	0.90	380	<1	0.02	75	1330	4	<10	28	0.18	<10	<10	86	<10	170
L05+00S 01+00E	<5	1.56	0.2	<10	80	<0.5	<2	0.32	0.5	16	148	24	3.09	<10	0.03	<10	0.91	605	<1	0.03	86	1760	8	<10	31	0.14	<10	<10	86	<10	200
L05+00S 01+15E	<5	2.76	0.2	<10	90	<0.5	<2	0.76	0.5	26	173	52	4.14	<10	0.08	<10	1.38	718	<1	0.01	133	1020	10	<10	56	0.21	<10	<10	117	<10	250
L05+00S 01+25E	<5	2.48	0.4	<10	100	<0.5	<2	0.69	1.0	18	93	37	3.23	<10	0.08	<10	0.88	452	<1	0.01	77	2170	6	<10	44	0.18	<10	<10	81	<10	270
L05+00S 01+50E	<5	1.91	0.2	10	60	<0.5	<2	0.40	0.5	19	121	10	2.75	<10	0.01	<10	1.09	369	<1	0.02	104	1050	4	<10	27	0.20	<10	<10	74	<10	220
L05+00S 01+75E	<5	2.31	0.2	10	110	<0.5	<2	0.81	0.5	17	73	35	2.89	<10	0.07	<10	0.65	352	<1	0.02	49	2560	10	<10	48	0.18	<10	<10	77	<10	360
L05+00S 02+00E	<5	2.65	0.2	10	70	<0.5	<2	1.11	<0.5	19	75	45	3.39	<10	0.05	<10	0.87	430	<1	0.01	57	710	8	<10	62	0.23	<10	<10	110	<10	140
L05+00S 02+25E	<5	2.32	0.2	<10	160	<0.5	<2	0.59	0.5	17	65	15	2.75	<10	0.07	<10	0.49	335	<1	0.03	46	3810	10	<10	43	0.18	<10	<10	67	<10	300
L05+00S 02+50E	<5	1.90	0.2	10	120	<0.5	<2	0.77	<0.5	15	68	20	2.59	<10	0.06	<10	0.62	429	<1	0.02	47	2330	6	<10	52	0.17	<10	<10	76	<10	210
L05+00S 02+75E	<5	1.95	0.2	10	140	<0.5	<2	0.79	<0.5	14	55	28	2.64	<10	0.06	<10	0.58	649	<1	0.02	35	2440	8	<10	49	0.17	<10	<10	77	<10	200
L05+00S 03+00E	<5	1.98	0.2	10	120	<0.5	<2	0.89	<0.5	14	44	16	2.80	<10	0.04	<10	0.42	540	<1	0.02	21	2800	4	<10	58	0.18	<10	<10	82	<10	190
L05+00S 03+25E	<5	1.42	0.2	<10	50	<0.5	<2	0.40	<0.5	10	29	6	1.88	<10	0.04	<10	0.31	230	<1	0.02	19	2280	4	<10	33	0.14	<10	<10	50	<10	160
L06+00N 00+00W	<5	2.72	0.2	10	90	<0.5	<2	0.87	<0.5	41	435	44	4.22	<10	0.31	<10	3.61	521	<1	0.02	250	520	24	<10	53	0.22	<10	<10	87	<10	60
L06+00N 00+25W	<5	2.08	0.2	10	130	<0.5	<2	0.61	<0.5	32	297	11	3.30	<10	0.08	<10	2.34	844	<1	0.02	184	760	18	<10	41	0.21	<10	<10	68	<10	70
L06+00N 00+50W	<5	2.43	0.2	10	210	<0.5	<2	0.58	<0.5	38	407	11	3.37	<10	0.03	<10	2.46	623	<1	0.02	244	1300	18	<10	29	0.18	<10	<10	59	<10	110
L06+00N 00+75W	<5	2.81	0.2	20	160	<0.5	<2	0.72	<0.5	43	381	60	5.59	<10	0.04	<10	3.48	605	<1	0.01	224	1550	24	<10	46	0.23	<10	<10	135	<10	80
L06+00N 01+00W	<5	2.18	0.2	10	70	<0.5	<2	0.45	<0.5	32	375	18	3.24	<10	0.02	<10	2.30	357	<1	0.01	189	680	16	<10	25	0.19	<10	<10	69	<10	70
L06+00N 01+25W	<5	2.37	0.2	10	220	<0.5	<2	0.69	<0.5	42	379	39	3.80	<10	0.06	<10	2.62	1864	<1	0.01	252	1640	20	<10	69	0.17	<10	<10	70	<10	100
L06+00N 01+50W	<5	2.80	0.2	20	500	<0.5	<2	0.62	<0.5	42	401	39	4.58	<10	0.14	<10	3.10	565	<1	0.01	341	900	18	<10	40	0.22	<10	<10	96	<10	70
L06+00N 01+75W	<5	2.40	0.2	20	150	<0.5	<2	1.19	<0.5	40	496	29	4.30	<10	0.16	<10	2.59	975	<1	0.02	230	1400	20	<10	59	0.22	<10	<10	117	<10	120
L06+00N 02+00W	<5	0.82	0.2	<10	120	<0.5	<2	0.24	<0.5	11	143	<1	1.37	<10	0.02	<10	0.46	455	<1	0.04	60	1500	6	<10	18	0.11	<10	<10	34	<10	70
L06+00N 02+25W	<5	1.79	0.2	10	170	<0.5	<2	0.38	<0.5	23	182	<1	2.43	<10	0.03	<10	1.60	620	<1	0.04	131	1860	14	<10	18	0.16	<10	<10	43	<10	100
L06+00N 02+50W	<5	2.12	0.2	20	160	<0.5	<2	0.55	<0.5	27	388	19	3.08	<10	0.05	<10	2.16	491	<1	0.02	185	950	14	<10	28	0.19	<10	<10	68	<10	90
L06+00N 02+75W	<5	2.97	0.2	10	230	<0.5	<2	1.22	1.5	31	299	23	3.61	<10	0.05	<10	2.71	731	<1	0.03	216	1770	22	<10	48	0.24	<10	<10	130	<10	180
L06+00N 03+00W	<5	1.89	0.2	10	150	<0.5	<2	0.74	<0.5	23	276	26	2.80	<10	0.08	<10	1.48	724	<1	0.02	147	1120	12	<10	44	0.18	<10	<10	70	<10	100
L07+00N 00+00W	<5	2.56	0.2	10	150	<0.5	<2	0.54	<0.5	37	301	16	3.86	<10	0.01	<10	2.35	541	<1	0.02	179	1280	18	<10	27	0.23	<10	<10	76	<10	110
L07+00N 00+25W	10	2.27	0.2	10																											



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## CERTIFICATE OF ANALYSIS

TO : MARK MANAGEMENT LIMITED

1500 - 675 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6B 1N2

CERT. #: A8515181-004-A  
INVOICE #: I8515181  
DATE: 3-SEP-85  
P.O. #: NONE  
DECEPTION CREEK

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Ti, W and V can only be considered as semi-quantitative.

### COMMENTS :

CC: D.L. COOKE

Sample description	Au ppb EA+AA	Al ppm Z	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm Z	Ca ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe ppm Z	Ga ppm Z	K ppm Z	La ppm Z	Mg ppm Z	Mn ppm Z	Mo ppm Z	Na ppm Z	Ni ppm Z	P ppm	Pb ppm	Sb ppm	Sr ppm Z	Tl ppm Z	Tl ppm Z	U ppm	V ppm	W ppm	Zn ppm
L07+00N 02+75W	<5 2.26	0.2 10	80 <0.5	<2 0.52	<0.5 33	631	28 3.17	<10 <0.01	<10 2.41	377	<1 0.02	289	570	16 <10	27 0.20	<10 <10	70 <10	80 <10	80 --	204 1840	12 <10	34 0.12	<10 <10	45 <10	110 <10	--	--	--	--		
L07+00N 03+00W	<5 1.73	0.2 10	120 <0.5	<2 0.44	<0.5 24	509	6 2.41	<10 <0.01	<10 1.52	427	<1 0.03	272	1320	18 <10	39 0.15	<10 <10	54 <10	160 <10	--	162 1990	14 <10	40 0.13	<10 <10	57 <10	110 <10	--	--	--	--		
L07+00N 03+25W	<5 1.90	0.2 10	150 <0.5	<2 0.51	<0.5 28	497	35 2.75	<10 <0.02	<10 1.66	477	1 0.03	14 1140	6 <10	12 0.09	<10 <10	31 <10	60 <10	--	272 1320	18 <10	39 0.15	<10 <10	54 <10	160 <10	--	--	--	--			
L07+00N 03+50W	<5 2.01	0.2 10	120 <0.5	<2 0.48	<0.5 27	310	27 2.96	<10 0.03	<10 1.66	333	1 0.01	162 1990	14 <10	40 0.13	<10 <10	57 <10	110 <10	--	162 1990	14 <10	40 0.13	<10 <10	57 <10	110 <10	--	--	--	--			
L07+50S 00+00E	<5 0.44	0.4 <10	30 <0.5	<2 0.14	0.5 5	26	<1 1.07	<10 0.01	<10 0.10	150	<1 0.04	10 1140	6 <10	12 0.09	<10 <10	31 <10	60 <10	--	10 1140	6 <10	12 0.09	<10 <10	31 <10	60 <10	--	--	--	--			
L07+50S 00+25E	<5 1.30	0.2 10	130 <0.5	<2 0.35	2.0 21	98	5 2.99	<10 0.05	<10 0.66	1091	1 0.03	51 2360	14 <10	33 0.16	<10 <10	78 <10	420 <10	--	51 2360	14 <10	33 0.16	<10 <10	78 <10	420 <10	--	--	--	--			
L07+50S 00+50E	<5 1.52	0.4 20	90 <0.5	<2 0.66	2.0 26	75	25 3.38	<10 0.07	<10 0.47	1419	<1 0.02	52 2040	12 <10	53 0.15	<10 <10	91 <10	410 <10	--	52 2040	12 <10	53 0.15	<10 <10	91 <10	410 <10	--	--	--	--			
L07+50S 00+75E	<5 1.44	0.2 10	40 <0.5	<2 0.34	0.5 23	105	11 3.08	<10 0.02	<10 0.68	440	1 0.03	63 1430	16 <10	26 0.17	<10 <10	81 <10	180 <10	--	63 1430	16 <10	26 0.17	<10 <10	81 <10	180 <10	--	--	--	--			
L07+50S 01+00E	<5 1.92	0.2 20	70 <0.5	<2 0.52	1.5 27	182	51 4.94	<10 0.03	<10 1.23	647	3 0.02	143 1840	18 <10	39 0.22	<10 <10	185 <10	570 <10	--	143 1840	18 <10	39 0.22	<10 <10	185 <10	570 <10	--	--	--	--			
L07+50S 01+25E	<5 2.40	0.4 20	60 <0.5	<2 0.67	2.0 34	140	125 5.49	<10 0.12	<10 1.21	629	2 0.01	126 1430	16 <10	52 0.22	<10 <10	163 <10	370 <10	--	126 1430	16 <10	52 0.22	<10 <10	163 <10	370 <10	--	--	--	--			
L07+50S 01+50E	<5 2.92	0.4 10	120 <0.5	<2 1.01	<0.5 19	133	68 3.07	<10 0.03	<10 1.08	304	<1 0.01	83 300	14 <10	65 0.25	<10 <10	90 <10	120 <10	--	83 300	14 <10	65 0.25	<10 <10	90 <10	120 <10	--	--	--	--			
L07+50S 01+75E	<5 1.96	0.2 10	70 <0.5	<2 0.60	<0.5 12	48	10 3.50	<10 0.05	<10 0.41	259	1 0.02	22 2700	8 <10	40 0.19	<10 <10	95 <10	210 <10	--	22 2700	8 <10	40 0.19	<10 <10	95 <10	210 <10	--	--	--	--			
L07+50S 02+00E	<5 2.23	0.2 10	60 <0.5	<2 0.90	<0.5 16	50	40 3.46	<10 0.05	<10 0.71	417	1 0.02	32 1150	12 <10	47 0.23	<10 <10	116 <10	190 <10	--	32 1150	12 <10	47 0.23	<10 <10	116 <10	190 <10	--	--	--	--			
L07+50S 02+25E	5 1.69	0.2 <10	90 <0.5	<2 0.63	<0.5 11	48	8 2.35	<10 0.06	<10 0.31	393	<1 0.03	19 3180	10 <10	57 0.14	<10 <10	60 <10	160 <10	--	19 3180	10 <10	57 0.14	<10 <10	60 <10	160 <10	--	--	--	--			
L07+50S 02+50E	<5 2.60	0.2 10	80 <0.5	<2 1.19	<0.5 21	116	94 3.80	<10 0.07	<10 1.13	755	1 0.01	76 1480	14 <10	58 0.20	<10 <10	119 <10	140 <10	--	76 1480	14 <10	58 0.20	<10 <10	119 <10	140 <10	--	--	--	--			
L07+50S 02+75E	<5 3.02	0.2 10	130 <0.5	<2 1.25	<0.5 21	112	89 4.55	10 0.09	<10 1.06	644	1 0.01	63 3850	18 <10	62 0.20	<10 <10	117 <10	310 <10	--	63 3850	18 <10	62 0.20	<10 <10	117 <10	310 <10	--	--	--	--			
L07+50S 03+00E	<5 2.35	0.2 10	120 <0.5	<2 1.02	<0.5 16	108	26 3.05	10 0.10	10 0.90	497	1 0.01	65 3130	14 <10	86 0.14	<10 <10	74 <10	340 <10	--	65 3130	14 <10	86 0.14	<10 <10	74 <10	340 <10	--	--	--	--			
L07+50S 03+25E	<5 2.69	0.2 10	110 <0.5	<2 1.21	<0.5 21	133	70 3.59	10 0.08	<10 1.19	580	1 0.01	99 1920	14 <10	84 0.20	<10 <10	103 <10	180 <10	--	99 1920	14 <10	84 0.20	<10 <10	103 <10	180 <10	--	--	--	--			

Hart Bickler  
Certified by .....

