85-638-13881
6/86

GEOLOGY, GEOCHEMISTRY AND I.P. COMPILATION OF THE CARIBOO PROPERTY

CARIBOO 1-4, MOST LIKELY 3 & 4,
SHORT STUFF 2 & 3 MINERAL CLAIMS
NTS 93A/12 E&W
LATITUDE: 52° 42'N LONGITUDE: 121° 45'W

DATES OF WORK: JUNE 10 - 24, 1985

OPERATOR: E & B EXPLORATIONS INC.

CONTRACTOR: J.M.T. SERVICES CORP.

WRITTEN BY: G.G. RICHARDS, P.Eng.

DATE: SEPTEMBER 10, 1985

TABLE OF CONTENTS

APPENDICES

LIST OF ILLUSTRATIONS

INTRODUCTION

Previous work provided geological and geochemical information over much of the property from which a geological setting similar to the adjacent QR property of Dome Mines was recognized. Several outcrop areas with similar alteration to the QR deposit and moderately anomalous gold geochemistry are separated from each other by large areas of no outcrop with abundant glacial till cover. An Induced Polarization Survey was conducted over and between two of the more intense alteration-anomalous gold geochemical targets in an attempt to map sulphide bearing targets beneath the tills. Three anomalies were identified and are described relative to known geology and geochemistry.

A coincident magnetic high and cluster of VLF-EM anomalies located in a previous survey in the eastern portion of the property was examined by a geochemical grid. A total of 207 soils and seven rock chips were collected on the property.

Results are encouraging. Additional geochemical sampling and geological mapping is warranted followed by percussion drilling. Additional Induced Polarization Surveying should be considered prior to drilling.

LOCATION AND ACCESS

The claims are situated northeast of Maud Creek about 5-10 km northwest of Quesnel Forks. Access can be made by helicopter from Williams Lake or Quesnel or from Quesnel Forks 4 km southeast, or the Dome Mines' QR property 3 km southwest, both of which can be reached by road. A good horsetrail can be used to walk onto the property from Quesnel Forks via a cable ferry over the Cariboo River.

MINERAL CLAIMS

The property consists of nine contiguous LCP claims (149 units) as listed below and shown on Figure 2.

CLAIM NAME	UNITS	RECORD #	RECORD DATE	OWNER
Most Likely #3	20	3706 (6)	June 24/81	E & B Explorations Inc.
4	20	3707 (6)	June 24/81	E & B Explorations Inc.
Cariboo #1	20	3708 (6)	June 24/81	E & B Explorations Inc.
2	12	3709 (6)	June 24/81	E & B Explorations Inc.
3	18	3710 (6)	June 24/81	E & B Explorations Inc.
4	15	3711 (6)	June 24/81	E & B Explorations Inc.
Short Stuff #2	15	3712 (6)	June 24/81	E & B Explorations Inc.
3	20	3713 (6)	June 24/81	E & B Explorations Inc.
Sun	3	7034 (7)	July 19/85	Gordon G. Richards

The Rain claim, record no. 3675 (6) owned by Matagami Mines, lapsed and was restaked by G. Richards as the Sun claim. It will be transferred to E&B and probably be allowed to lapse as were the UTM #1-#8 and Sure Thing #1-#8, thereby leaving mineral title in the underlying Most Likely 3 and 4 and Cariboo #3.

GEOLOGY

The regional geology is shown on Map 3-1961 published by the Geological Survey of Canada, mapped and compiled by R.B. Campbell 1959, 1960.

Property geology has been divided into a based sedimentary unit, a middle andesite breccia unit and an upper sedimentary unit.

The basal sedimentary unit is made up of siltstone and sandstone with argillaceous sections all overlain by conglomerate which is in excess of 500' thick in the eastern most exposures north of Quesnel River, 50 - 100 feet thick near R373 and absent further to the northwest. Pyrite-ankerite-sericite alteration of this unit is common and locally quite intense.

The middle andesite breccia unit is characterized by augite and hornblende porphylitic brecciated andesite. Where it is unaltered it is typically dark grey green. More massive units also occur within this unit. Coarse grained hornblende andesite to hornblendite occurs in the creek exposure at 800 m north on the I.P. grid between lines 1500E and 1750E. Two outcrop areas of the andesite breccia display alteration effects similar to fringe alteration at the QR deposit. In exposures along the creek near Line 0+00, 400 m north, andesite breccia contains abundant fracture calcite, large local zones of 1% - 3% pyrite mineralization occurring as disseminations and fracture fillings, local fracture epidote and minor epidote flooding. In the creek exposure between lines 1500E and 1750E at 800 m north, hornblende andesite to hornblendite was unaltered except for a few calcite veins with tremolite envelopes. Andesite breccia in this location is variably altered with calcite veins, flat quartz-ankerite veins, disseminated and fracture sulphide with epidote-chlorite. Refer to the Table under "Geochemistry" below.

The upper sedimentary unit is made up of siltstone, sandstone and minor conglomerate in the few outcrops examined, mainly on the hill near the Cariboo LCP.

Fine grained intensive diorite dykes occur near the Cariboo LCP and a 5 m wide white weakly feldspar porphyritic quartz diorite, strongly clay altered and containing 1% pyrite, occurs in the creek exposure at 800 m N between Lines 1500E and 1750E.

GEOCHEMISTRY

Geochemical sampling was carried out in the eastern part of the claim block to evaluate two weak VLF-EM conductors coincident with a large magnetic high that were located on an airborne survey done in 1984. A detailed soil line was also done in the area of andesite breccia and high gold geochemistry from a previous report (G. Richards, September 20, 1983) between Lines 1500E and 1705E at 800 m N.

Soil samples were collected from pits excavated with a hand pick to a depth of 15 - 25 cm. The samples were dug from the pit using a scoop and placed in a gussetted kraft sample bag. The soil samples were collected from B-horizon soils or the best approximation to B soil as was possible at each location. Rock chip samples were composed of several chips and placed in gussetted kraft sample bags.

All samples were shipped to Chemex Labs. Ltd., 212 Brooksbank Avenue, North Vancouver, B.C. for preparation and analysis. Soil samples were dried and sieved with an 80 mesh screen and a suitable portion of the minus 80 mesh fraction was retained for analysis Gold values were determined by fire assay preconcentration followed by atomic absorption analysis.

The gold results over the grid area in the eastern portion of the property are generally low with scattered slightly anomalous highs (10 - 40 ppb Au). One area of several anomalous values including a 525 ppb Au at J225 and 75 ppb Au at J170 occurs south of a westerly flowing creeklet at the west side of the survey area. The southern edge of the grid contains three consecutive anomalous gold values - 250, 25 and 90 ppb Au. Both of these areas should be evaluated further and extended to the west and south respectively. A rock chip R176 was collected from angular andesite rubble containing 5% pyrite at J210 and ran 360 ppb Au.

A soil line was run from a point approximately 1600E and 800 m N on the I.P. grid contouring easterly across an area of andesite breccia. Results are provided in the following table.

Distance Meters	Sample No.	Sample Type	Gold ppb	Comments
0	R164	soil	<5	angular andesite rubble
25	R165	soil	70	andesite outcrops with abundant frac calcite
50	R166	rock	<5	flat quartz vein with bleached andesite
50	R167	soil	80	andesite outcrops with abundant frac calcite
75	R168	soil	80	andesite outcrops with abundant frac calcite and trace pyrite
85				clay altered weakly fspar porphyritic quartz diorite dyke
102	R169	soil	1380	5' wide weakly pyritic zone in otherwise calcite fractured andesite. Zone is near vertical and stronger uphill to north.
116				old flag R418. Line offset 100' uphill.
	R170	rock	10	cherty siliceous andesite 1/2% sulphide
	R171	soil	550	rusty andesite rubble
127	R172	soil	120	rusty andesite rubble
150	R173	soil	<5	andesite with fracture calcite, no pyrite
165-190				hbd andesite, less calcite, no pyrite
194	R174	rock	4350	1' wide 15% sulphide badly leached vein unaltered walls. Strikes 032±/90±
205	R175	soil	25	andesite outcrops with abundant calcite
220-240				hbd andesite
245				line 1750E

CONCLUSIONS AND RECOMMENDATIONS

The I.P. survey located three anomalous zones A, C and D as outlined by the 7 millisecond contour. Refer to Figure W-366-3 in the Appendix.

Anomaly A contains no outcrops, but outcrops just south of the I.P. baseline along Maud Creek contain abundant clay and up to 1% pyrite. Soils in the area are deep silt to sand-sized glacial outwash that could be up to several hundred feet deep. Four silts collected in a previous survey from a small creek along the north side of the anomaly ran 5, 166, 4 and 165 ppb Au.

Anomaly C ranges up to 15.4 milliseconds adjacent to outcrops in a creek of andesite breccia that contain 1-3% pyrite. Andesite breccia at the very base of the unit above the lower sedimentary unit ran 80 ppb Au at R372. Other rock chips of altered andesite breccia upstream from R372 were not anomalous for gold although soil samples returned values at 41, 165, 30, 32, 48, 5 and 65 ppb Au. This I.P. anomaly is open to the west. The alteration is similar to fringing alteration at the QR deposit and gold geochemistry along the creek makes this I.P. anomaly worthy of further evaluation. The anomaly could be enlarged and found to be more intense to the west by running additional lines and better defined by running fill-in lines.

Anomaly D has the most intense changeability response. The strongest geochemical response on the property occurs in outcrops along the periphery of the I.P. anomaly including the one foot wide sulphide vein that ran 4360 ppb Au and several soil samples that ran up to 1380 and 550 ppb Au. No outcrops were found within the I.P. anomaly. Thus the occurrence of alteration similar to fringe type alteration at the QR deposit and the strong gold geochemical response make this anomaly worthy of more detailed work. Although the terrain is flat, somewhat swampy and thought to be underlain by tills, a geochemical survey should be run across the anomaly.

A geochemical grid in the east part of the claim block provided two areas worthy of more detailed sampling: south of J237, J238 and J259; and near and west of J170-J174 and J225.

Following additional mapping and sampling, an I.P. survey could be run to explore extensions of anomalies C and D and provide additional targets for ultimate percussion drilling.

Respectfully Submitted,

Gordon G. Richards, P.Eng.

REPORTS13:rep2:sv

STATEMENT OF COSTS

J.M.T. INVOICE 85-240-15	$ 20,516.94
Balance of P.E. Walcott Accounts	1,346.13
Report, drafting, reproduction, etc.	2,000.00
	$ 23,863.07

JMT Services Corp.

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1 · TELEPHONE 266-1811

JAMES S. CHRISTIE, PhD 228-8054
K. WAYNE LIVINGSTONE, MSc 266-4208
GORDON G. RICHARDS, M.A.Sc., P.Eng. 274-2839
GERALD LAUZON, Mgr. 277-4778
W.A. HOWELL, Geol. 277-7082

July 12, 1985.

INVOICE #85-240-15

Mr. Len Saleken
Mascot Gold Mines Ltd.
#1400-800 West Pender Street
VANCOUVER, B.C.

Dear Len: Re: CARIBOU PROJECT

This is an interim invoice for the recent work on the CARIBOU project.

TIME CHARGES:			
G. Richards, Geologist	June 7(½), 9(½), 10(½) 13, 17-24, 26, 27(½)	12 days @ $250 . . .	$ 3,000.00
D. Bennett, Geologist	June 18-22	5 days @ $200 . . .	1,000.00
S. Courte, Sampler	June 18-22	5 days @ $175 . . .	875.00
DISBURSEMENTS:			
Camp Rental			100.00
G. Richards, expenses	$557.60 + 10%		613.36
Rotortech helicopter	2,265.17 + 10%		2,491.69
Chemex Labs. Inv. 3289	61.25 + 10%		67.38
" 3285	1,293.75 + 10%		1,423.13
Peter E. Walcott Inv. 1701	9,951.25 + 10%		10,946.38
		Total	$ 20,516.94

Please remit $20,516.94.

Yours very truly,

G. Richards

GGR:mh
Encls.

Paid #1646
Aug 12/85
$16,000 advanced
(cc)

STATEMENT OF QUALIFICATIONS

I, Gordon G. Richards, of Richmond, British Columbia, do hereby certify that:

1. I am a Professional Engineer of the Province of British Columbia, residing at 5700 Forsythe Crescent, Richmond, B.C., V7C 2C3.

2. I am a graduate of the University of British Columbia, B.A.Sc., 1968, M.A.Sc. 1974.

3. I have practised my profession as a mining exploration geologist since 1968.

4. This report is based on my personal knowledge of the district, and mapping of the geology at the property.

Gordon G. Richards, P.Eng.

APPENDIX I

PETER E. WALCOTT & ASSOC. LTD.

A REPORT

ON

AN INDUCED POLARIZATION SURVEY

Quesnel Area, British Columbia

52°42'N., 121°45'W.
N.T.S. 93A - 12

Claims surveyed: CARIBOU

Survey Dates: June 17th - 25th, 1985

FOR

JMT SERVICES CORPORATION

Vancouver, B.C.

BY

PETER E. WALCOTT AND ASSOCIATES LIMITED

Vancouver, B.C.

AUGUST 1985

GEOPHYSICAL SERVICES

TABLE OF CONTENTS

INTRODUCTION

Between June 17th and 25th, 1985, Peter E. Walcott & Associates Limited carried out a small induced polarization survey over part of a property, located in the Quesnel area of British Columbia, for JMT Services Corporation.

The survey was carried out over N 45° E lines that were established by JMT personnel.

Measurements (first and second separation) of apparent resistivity and chargeability (the I.P. response parameter) were made along the lines using the "pole-dipole" method of surveying with a 25 metre dipole.

The I.P. data are presented in contour form on plan maps of the line grid accompanying this report.

PROPERTY, LOCATION AND ACCESS

The property is located in the Cariboo Mining District of British Columbia and consists of the Cariboo claims.

The claims are situated on the north side of Maud Creek, some 3 kilometres from its confluence with the Quesnel River.

Access was obtained by means of 4 wheel drive vehicle along the logging road to Nyland Lake and the QR deposit, and thence by helicopter to a campsite on the property.

PREVIOUS WORK

Previous work on the property consisted of reconnaissance stream geochemical sampling, prospecting and V.L.F. airborne electromagnetic surveying, the results of which are documented in reports held by JMT Services Corporation.

PURPOSE

The purpose of the survey was try and locate the possible existence of sulphide mineralization that could be related to the occurrence of gold as per the nearby QR deposit.

GEOLOGY

The reader is referred to forementioned reports held by JMT Services Corporation.

SURVEY SPECIFICATIONS

The induced polarization (I.P.) survey was carried out using a pulse type system, the principal components of which are manufactured by Huntec Limited of Metropolitan Toronto, Ontario.

The system consists basically of three units: a receiver, a transmitter and a motor generator. The transmitter, which provides a maximum of 7.5 kw d.c. to the ground, obains its power from a 7.5 kw 400 c.p.s. three phase alternator driven by a gasoline engine. The cycling rate of the transmitter is 2 seconds "current-on" and 2 seconds "current-off" with the pulses reversing continuously in polarity. The data recorded in the field consists of careful measurement of the currnt (I) in amperes flwoing through electrodes C_1 and C_2, the primary voltage (v) appearing between the two potential electrodes, P_1 and P_2, during the "current-on" part of the cycle, and the apparent chargeability (Ma) presented as a direct readout using a 100 millisecond delay and a 1000 millisecond sample window by the receiver, a digital receiver controlled by a microporcessor.

The apparent resistivity (P_a) in ohm metres is proportional to the ratio of the primary voltage and the masured current, the proportionality factor depending on the geometry of the array used. The chargeability and resistivity are called apparent as they are values which that portion of the earth sampled would have if it were homogeneous. As the earth sampled is usually inhomogeneous the calculated apparent chargeability and resistivity are functions of the actual chargeability and resistivity of the rocks.

The survey was carried out using the "pole-dipole" method of surveying. In this method the current electrode C_1, and the two potential electrodes, P_1 and P_2, are moved in unison along the survey lines. The spacing "na" (n an integer) between C_1 and P_1 is kept constant for each traverse at a distance roughly equal to the depth to be explored by that traverse, while that of P_1 and P_2 (the dipole) is kept constant at "a". The second current electrode C_2 is kept constant at "infinity".

SURVEY SPECIFICATIONS (cont'd)

Thus usually on a "pole-dipole" array traverse with an electrode spacing of 100 metres a body lying at a depth of 50 metres will produce a strong response, whereas the same body lying at a depth of 100 metres will only just be detected. By running subsequent traverses at different electrode separations, more precise estimates can be made of depth, width, thickness and percentage of sulphides of causative bodies located by the I.P. method.

The survey was carried out using a 75 metre dipole, and first and second separation measurements were obtained at 75 metre intervals along the survey lines. In all some 10.9 kilometres were surveyed by this method.

DISCUSSION OF RESULTS

The chargeability results show that part of the property surveyed to exhibit a low chargeability background above which three undefined anomalous zones - zones A, C and D on map W-366-3 - are clearly discernible as outlined by the 7 millisecond contour.

Both zone A and C - a complex zone - occur in and around creek beds and should be easily correlatible to geology.

Zone D, a zone of high chargeability, would appear to the writer to be relatable to the argillites which outcrop in the creek east of the grid.

The resistivity survey indicated the presence of resistivity lows readily correlatable to topography, i.e., the creeks.

Further discussion of the above should await the results of the geological and geochemical survey carried out at the same time as the geophysical one.

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

Between June 17th and 25th, 1985, Peter E. Walcott & Associates Limited carried out a limited induced polarization survey over a property in the Quesnel area of British Columbia for JMT Services Corporation.

The chargeability results indicated the presence of three undefined anomalous zones in the area surveyed, which could be attributable to sulphide mineralization in the underlying rock.

As a result, the writer recommends that the results be studied in conjunction with those of the geological and gechemical surveys before any further work is considered for the property.

Respectfully submitted,
Peter E. Walcott & Associates Limited

Peter E. Walcott, P. Eng.
Geophysicist

Vancouver, B.C.
August, 1985

APPENDIX

COST OF SURVEY

Peter E. Walcott & Associates Limited undertook the survey on a daily basis. Mobilization and reporting costs were extra so that the total cost of services provided was $11,175.00.

PERSONNEL EMPLOYED ON SURVEY

NAME	OCCUPATION	ADDRESS	DATES
Peter E. Walcott	Geophysicist	Peter E. Walcott & Assoc. 605 Rutland Court Coquitlam, B.C. V3J 3T8	August 3, 1985
R. Summerfield	Geophysical Operator	"	June 17-25, 1985
S. Summerfield	Geophysical Operator	"	June 17-25, 1985
K. Kane	Geophysical Operator	"	June 17-25, 1985
V. Kolstee	Geophysical Operator	"	June 17-25, 1985
G. MacMillan	Draughting	"	August 5-8, 1985
S. Vese	Typing	"	August 16, 1985

CERTIFICATION

I, Peter E. Walcott, of the Municipality of Coquitlam, British Columbia, hereby certify that:

1. I am a Graduate of the University of Toronto in 1962 with a B.A. Sc. in Engineering Physics, Geophysics Option.

2. I have been practising my profession for the last twenty three years.

3. I am a member of the Association of Professional Engineers of British Columbia and Ontario.

4. I hold no interest, direct or indirect, in the securities or properties of JMT Services Corporation nor do I expect to receive any.

Peter E. Walcott, P. Eng.

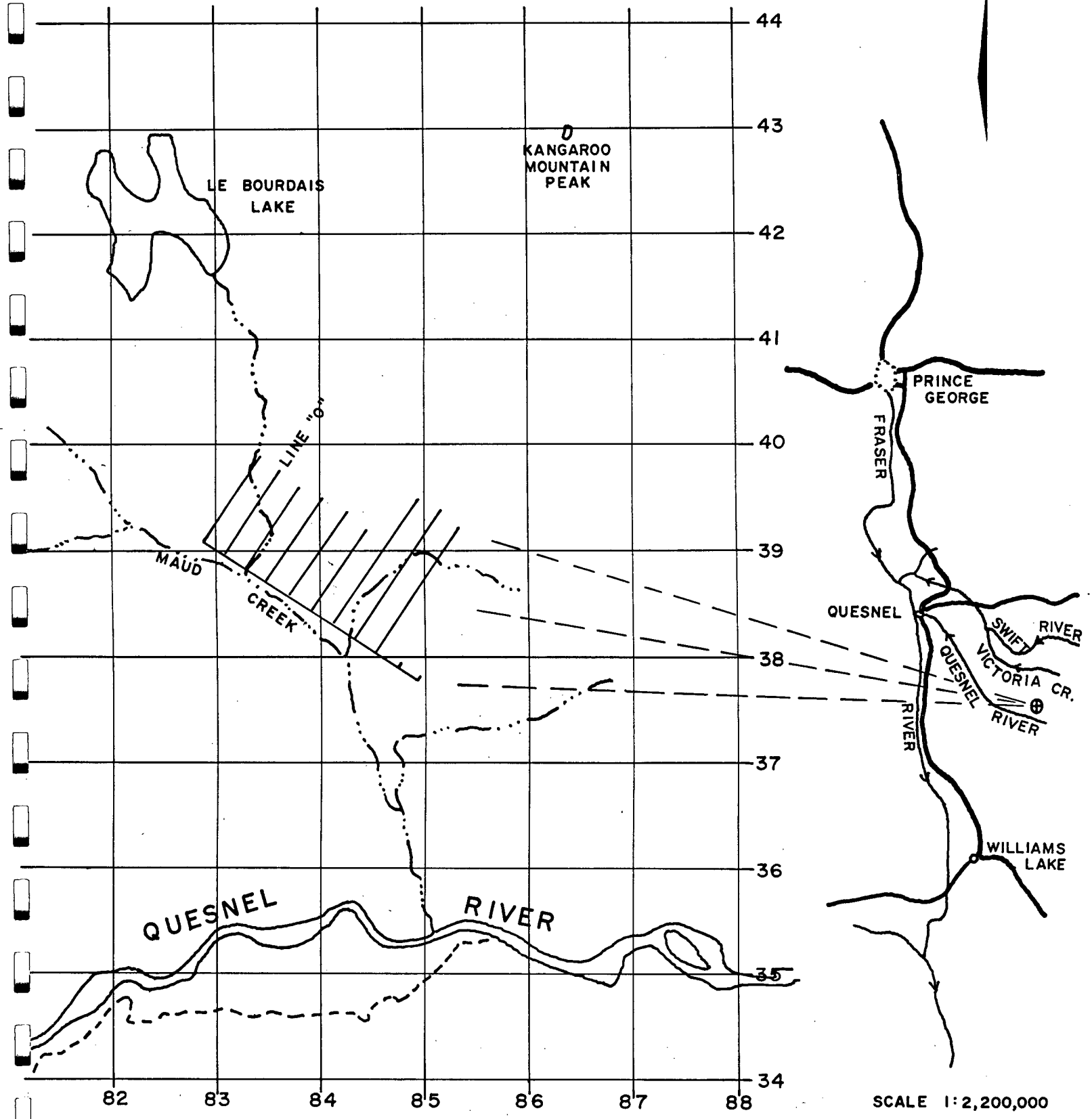
Vancouver, B.C.

August 1985

JMT SERVICES CORPORATION

GRID LOCATION MAP

NTS 93 A - 12



SCALE 1:50,000

SCALE 1:2,200,000

APPENDIX II

Chemex Labs Ltd.

Analytical Chemists · Geochemists · Registered Assayers

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

CERTIFICATE OF ANALYSIS

TO : JMT SERVICES CORPORATION

6775 WEST BLVD.
VANCOUVER, B.C.
V6P 5R8

CERT. # : A8513285-001-A
INVOICE # : I8513285
DATE : 11-JUL-85
P.O. # : NONE
CARIBOO

Sample description	Prep code	Au ppb FA+AA					
85J 170	201	75	--	--	--	--	--
85J 171	201	30	--	--	--	--	--
85J 172	201	10	--	--	--	--	--
85J 173	201	40	--	--	--	--	--
85J 174	201	10	--	--	--	--	--
85J 175	201	5	--	--	--	--	--
85J 176	201	<5	--	--	--	--	--
85J 177	201	<5	--	--	--	--	--
85J 178	201	<5	--	--	--	--	--
85J 179	201	<5	--	--	--	--	--
85J 180	201	10	--	--	--	--	--
85J 181	201	5	--	--	--	--	--
85J 182	201	10	--	--	--	--	--
85J 183	201	<5	--	--	--	--	--
85J 184	201	5	--	--	--	--	--
85J 185	201	10	--	--	--	--	--
85J 186	201	<5	--	--	--	--	--
85J 187	201	5	--	--	--	--	--
85J 188	201	10	--	--	--	--	--
85J 189	201	<5	--	--	--	--	--
85J 190	201	<5	--	--	--	--	--
85J 191	201	<5	--	--	--	--	--
85J 192	201	10	--	--	--	--	--
85J 193	201	5	--	--	--	--	--
85J 194	201	<5	--	--	--	--	--
85J 195	201	<5	--	--	--	--	--
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85J 202	201	<5	--	--	--	--	--
85J 203	201	<5	--	--	--	--	--
85J 204	201	<5	--	--	--	--	--
85J 205	201	<5	--	--	--	--	--
85J 206	201	<5	--	--	--	--	--
85J 207	201	<5	--	--	--	--	--
85J 208	201	5	--	--	--	--	--
85J 209	201	5	--	--	--	--	--

VOI rev. 4/85

Certified by Hart Bichler

Chemex Labs Ltd.

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North Vancouver, B.C.
Canada V7J 2C1
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Telex: 043-52597

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6775 WEST BLVD.
VANCOUVER, B.C.
V6P 5R8

CERT. # : A8513285-002-A
INVOICE # : I8513285
DATE : 11-JUL-85
P.O. # : NONE
CARIBOO

Sample description	Prep code	Au ppb FA+AA					
85J 210	201	10	--	--	--	--	--
85J 211	201	<5	--	--	--	--	--
85J 212	201	<5	--	--	--	--	--
85J 213	201	<5	--	--	--	--	--
85J 214	201	<5	--	--	--	--	--
85J 215	201	<5	--	--	--	--	--
85J 216	201	<5	--	--	--	--	--
85J 217	201	<5	--	--	--	--	--
85J 218	201	<5	--	--	--	--	--
85J 219	201	<5	--	--	--	--	--
85J 220	201	<5	--	--	--	--	--
85J 221	201	<5	--	--	--	--	--
85J 222	201	20	--	--	--	--	--
85J 223	201	<5	--	--	--	--	--
85J 224	201	<5	--	--	--	--	--
85J 225	201	525	--	--	--	--	--
85J 226	201	<5	--	--	--	--	--
85J 227	201	<5	--	--	--	--	--
85J 228	201	<5	--	--	--	--	--
85J 229	201	15	--	--	--	--	--
85J 230	201	<5	--	--	--	--	--
85J 231	201	<5	--	--	--	--	--
85J 232	201	30	--	--	--	--	--
85J 233	201	20	--	--	--	--	--
85J 234	201	<5	--	--	--	--	--
85J 235	201	15	--	--	--	--	--
85J 236	201	<5	--	--	--	--	--
85J 237	201	250	--	--	--	--	--
85J 238	201	25	--	--	--	--	--
85J 239	201	10	--	--	--	--	--
85J 240	201	<5	--	--	--	--	--
85J 241	201	<5	--	--	--	--	--
85J 242	201	<5	--	--	--	--	--
85J 243	201	<5	--	--	--	--	--
85J 244	201	20	--	--	--	--	--
85J 245	201	<5	--	--	--	--	--
85J 246	201	40	--	--	--	--	--
85J 247	201	10	--	--	--	--	--
85J 248	201	20	--	--	--	--	--
85J 249	201	5	--	--	--	--	--

Certified by ....

Chemex Labs Ltd.

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P.O. # : NONE
CARIBOO

Sample description	Prep code	Au ppb FA+AA					
85J 250	201	<5	--	--	--	--	--
85J 251	201	<5	--	--	--	--	--
85J 252	201	<5	--	--	--	--	--
85J 253	201	<5	--	--	--	--	--
85J 254	201	<5	--	--	--	--	--
85J 255	201	<5	--	--	--	--	--
85J 256	201	<5	--	--	--	--	--
85J 257	201	<5	--	--	--	--	--
85J 258	201	<5	--	--	--	--	--
85J 259	201	90	--	--	--	--	--
85J 260	201	<5	--	--	--	--	--
85J 261	201	<5	--	--	--	--	--
85J 262	201	<5	--	--	--	--	--
85J 263	201	<5	--	--	--	--	--
85J 264	201	<5	--	--	--	--	--
85J 265	201	<5	--	--	--	--	--
85J 266	201	<5	--	--	--	--	--
85J 267	201	25	--	--	--	--	--
85J 268	201	<5	--	--	--	--	--
85J 269	201	<5	--	--	--	--	--
85J 270	201	<5	--	--	--	--	--
85J 271	201	<5	--	--	--	--	--
85J 272	201	<5	--	--	--	--	--
85J 273	201	<5	--	--	--	--	--
85J 274	201	<5	--	--	--	--	--
85J 275	201	<5	--	--	--	--	--
85J 276	201	<5	--	--	--	--	--
85J 277	201	<5	--	--	--	--	--
85J 278	201	<5	--	--	--	--	--
85J 279	201	<5	--	--	--	--	--
85J 280	201	<5	--	--	--	--	--
85J 281	201	<5	--	--	--	--	--
85J 282	201	<5	--	--	--	--	--
85J 283	201	40	--	--	--	--	--
85J 284	201	<5	--	--	--	--	--
85J 285	201	<5	--	--	--	--	--
85J 286	201	<5	--	--	--	--	--
85J 287	201	<5	--	--	--	--	--
85J 288	201	60	--	--	--	--	--
85J 289	201	<5	--	--	--	--	--

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CERTIFICATE OF ANALYSIS

TO : JMT SERVICES CORPORATION

6775 WEST BLVD.
VANCOUVER, B.C.
V6P 5R8

CERT. # : A8513285-004-A
INVOICE # : I8513285
DATE : 11-JUL-85
P.O. # : NONE
CARIBOO

Sample description	Prep code	Au ppb FA+AA					
85J 290	201	<5	--	--	--	--	--
85J 291	201	10	--	--	--	--	--
85J 292	201	15	--	--	--	--	--
85J 293	201	10	--	--	--	--	--
85J 294	201	<5	--	--	--	--	--
85J 295	201	<5	--	--	--	--	--
85R 164	201	<5	--	--	--	--	--
85R 165	201	70	--	--	--	--	--
85R 167	201	80	--	--	--	--	--
85R 168	201	80	--	--	--	--	--
85R 169	201	1380	--	--	--	--	--
85R 171	201	550	--	--	--	--	--
85R 172	201	120	--	--	--	--	--
85R 173	201	<5	--	--	--	--	--
85R 175	201	25	--	--	--	--	--
85T 173	201	<5	--	--	--	--	--
85T 174	201	<5	--	--	--	--	--
85T 175	201	<5	--	--	--	--	--
85T 176	201	<5	--	--	--	--	--
85T 177	201	<5	--	--	--	--	--
85T 178	201	<5	--	--	--	--	--
85T 179	201	40	--	--	--	--	--
85T 180	201	<5	--	--	--	--	--
85T 181	201	20	--	--	--	--	--
85T 182	201	<5	--	--	--	--	--
85T 183	201	40	--	--	--	--	--
85T 185	201	<5	--	--	--	--	--
85T 186	201	5	--	--	--	--	--
85T 187	201	<5	--	--	--	--	--
85T 188	201	<5	--	--	--	--	--
85T 189	201	25	--	--	--	--	--
85T 190	201	<5	--	--	--	--	--
85T 191	201	<5	--	--	--	--	--
85T 192	201	25	--	--	--	--	--
85T 193	201	<5	--	--	--	--	--
85T 194	201	<5	--	--	--	--	--
85T 195	201	<5	--	--	--	--	--
85T 196	201	25	--	--	--	--	--
85T 197	201	5	--	--	--	--	--
85T 198	201	15	--	--	--	--	--

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TO : JMT SERVICES CORPORATION

6775 WEST BLVD.
VANCOUVER, B.C.
V6P 5R8

CERT. # : A8513285-005-A
INVOICE # : I8513285
DATE : 11-JUL-85
P.O. # : NONE
CARIBOO

Sample description	Prep code	Au ppb FA+AA					
85T 199	201	<5	--	--	--	--	--
85T 200	201	<5	--	--	--	--	--
85T 201	201	<5	--	--	--	--	--
85T 202	201	<5	--	--	--	--	--
85T 203	201	<5	--	--	--	--	--
85T 204	201	<5	--	--	--	--	--
85T 205	201	<5	--	--	--	--	--
85T 206	201	40	--	--	--	--	--
85T 207	201	10	--	--	--	--	--
85T 208	201	10	--	--	--	--	--
85T 209	201	<5	--	--	--	--	--
85T 210	201	<5	--	--	--	--	--
85T 211	201	<5	--	--	--	--	--
85T 212	201	<5	--	--	--	--	--
85T 213	201	<5	--	--	--	--	--
85T 214	201	<5	--	--	--	--	--
85T 215	201	25	--	--	--	--	--
85T 216	201	<5	--	--	--	--	--
85T 217	201	<5	--	--	--	--	--
85T 218	201	<5	--	--	--	--	--
85T 219	201	<5	--	--	--	--	--
85T 220	201	<5	--	--	--	--	--
85T 221	201	85	--	--	--	--	--
85T 222	201	<5	--	--	--	--	--
85T 223	201	<5	--	--	--	--	--
85T 224	201	<5	--	--	--	--	--
85T 225	201	10	--	--	--	--	--
85T 226	201	<5	--	--	--	--	--
85T 227	201	<5	--	--	--	--	--
85T 228	201	<5	--	--	--	--	--
85T 229	201	<5	--	--	--	--	--
85T 230	201	<5	--	--	--	--	--
85T 231	201	10	--	--	--	--	--
85T 232	201	<5	--	--	--	--	--
85T 233	201	<5	--	--	--	--	--
85T 234	201	15	--	--	--	--	--
85T 235	201	40	--	--	--	--	--
85T 236	201	<5	--	--	--	--	--
85T 237	201	45	--	--	--	--	--
85T 238	201	5	--	--	--	--	--

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6775 WEST BLVD.
VANCOUVER, B.C.
V6P 5R8

CERT. # : A8513285-006-A
INVOICE # : I8513285
DATE : 11-JUL-85
P.O. # : NONE
CARIBOO

Sample description	Prep code	Au ppb FA+AA					
85T 239	201	35	--	--	--	--	--
85T 240	201	<5	--	--	--	--	--
85T 241	201	<5	--	--	--	--	--
85T 242	201	<5	--	--	--	--	--
85T 243	201	<5	--	--	--	--	--
85T 244	201	<5	--	--	--	--	--
85T 245	201	<5	--	--	--	--	--

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TO : JMT SERVICES CORPORATION

6775 WEST BLVD.
VANCOUVER, B.C.
V6P 5R8

CERT. # : A8513289-001-A
INVOICE # : I8513289
DATE : 7-JUL-85
P.O. # : NONE
CARIBOO

Sample description	Prep code	Au ppb FA+AA					
85R 163	205	<5	--	--	--	--	--
85R 166	205	<5	--	--	--	--	--
85R 170	205	10	--	--	--	--	--
85R 174	205	4350	--	--	--	--	--
85R 176	205	360	--	--	--	--	--
85T 250	205	20	--	--	--	--	--
85T 258	205	<5	--	--	--	--	--

CTA

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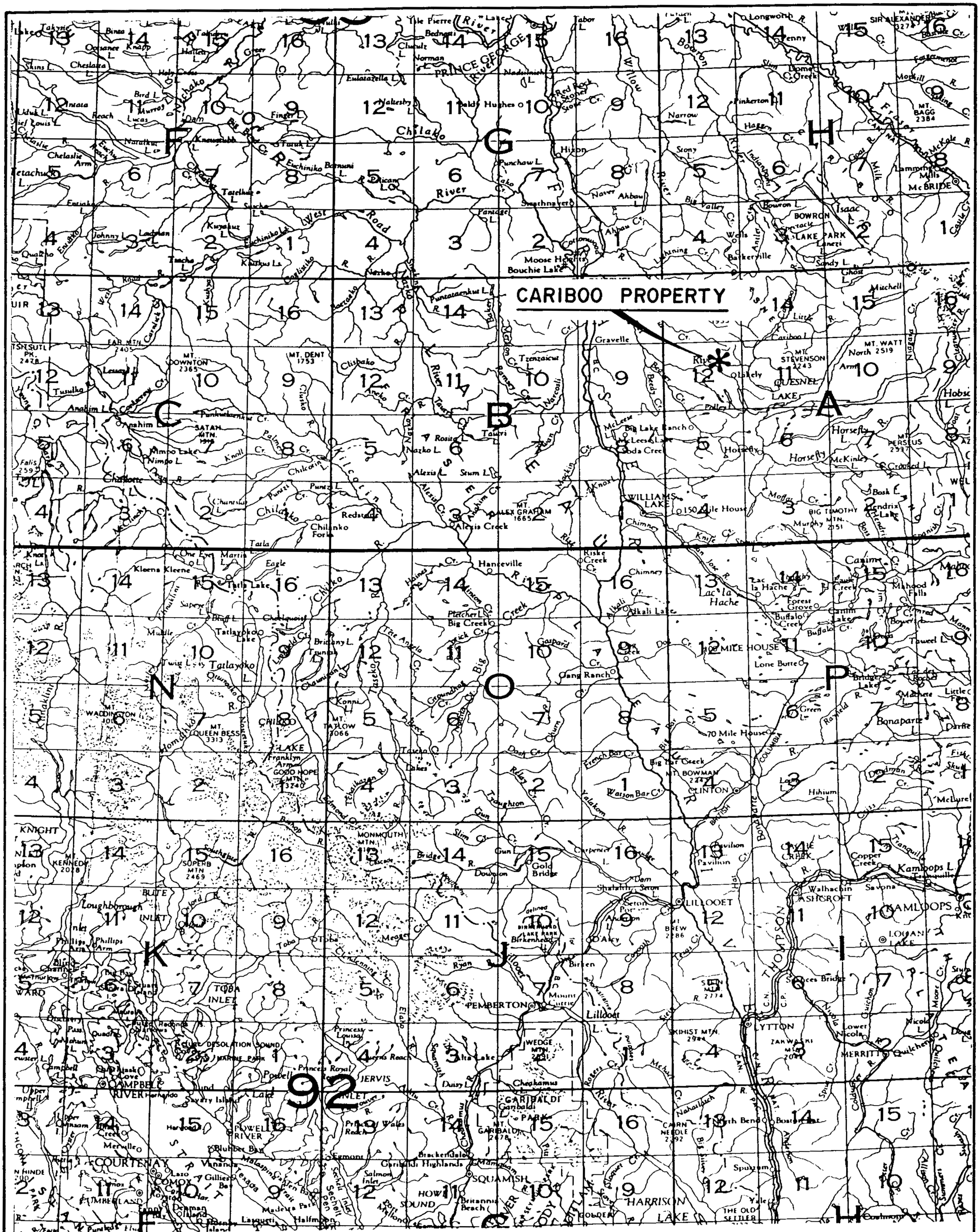
LIST OF ILLUSTRATIONS

Drawing No.	Title	Scale
Figure 1	Property Location	1:2 000 000
Figure 2	Claim Map	1:50 000
Figure 3	Geology and Geochemistry	1:10 000

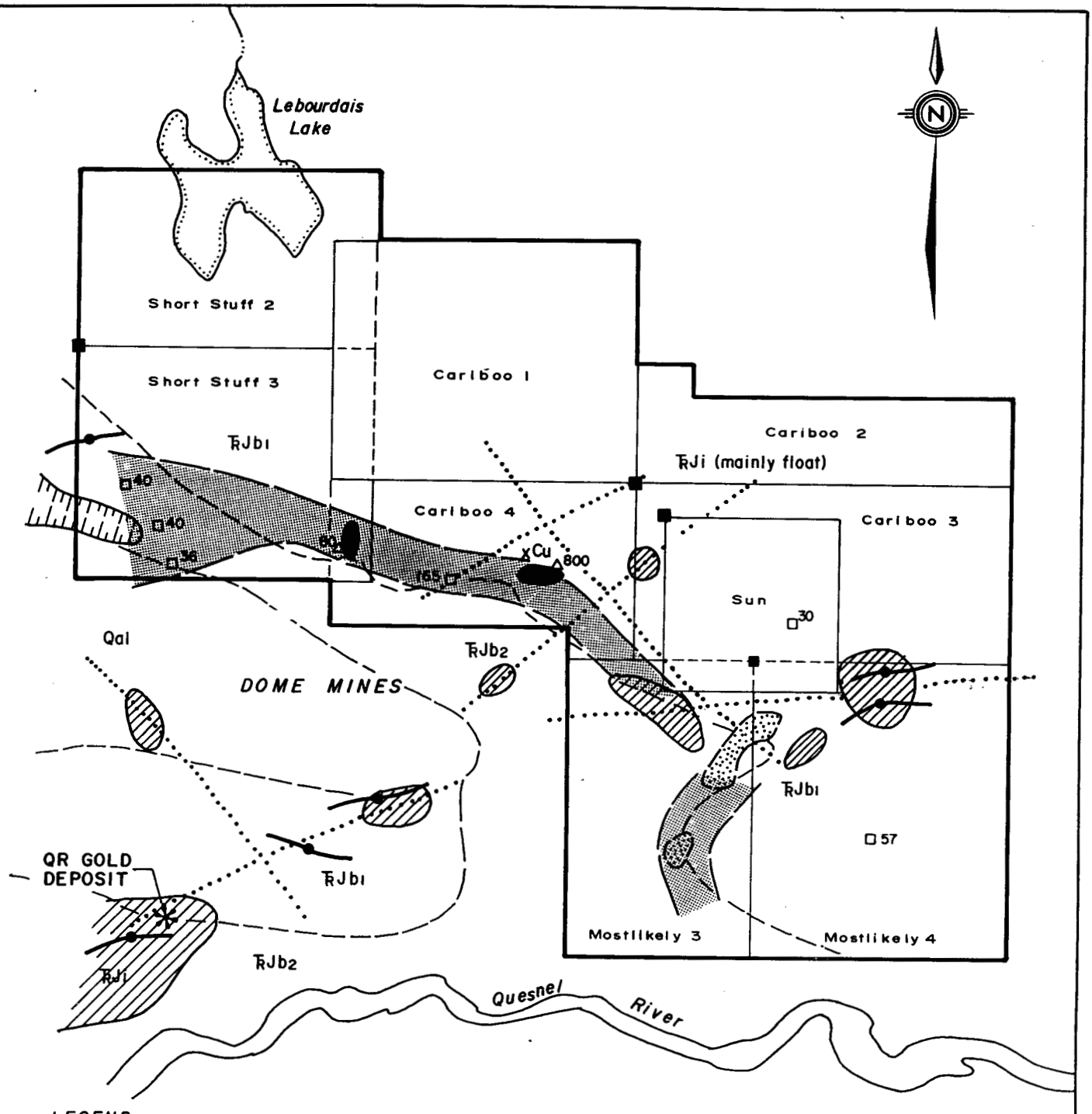


E&B EXPLORATIONS INC.

CARIBOO PROPERTY

PROPERTY LOCATION

DATE: Sept. / 1985	SCALE: 1: 2,000,000	DRAWING No. Fig. 1



LEGEND

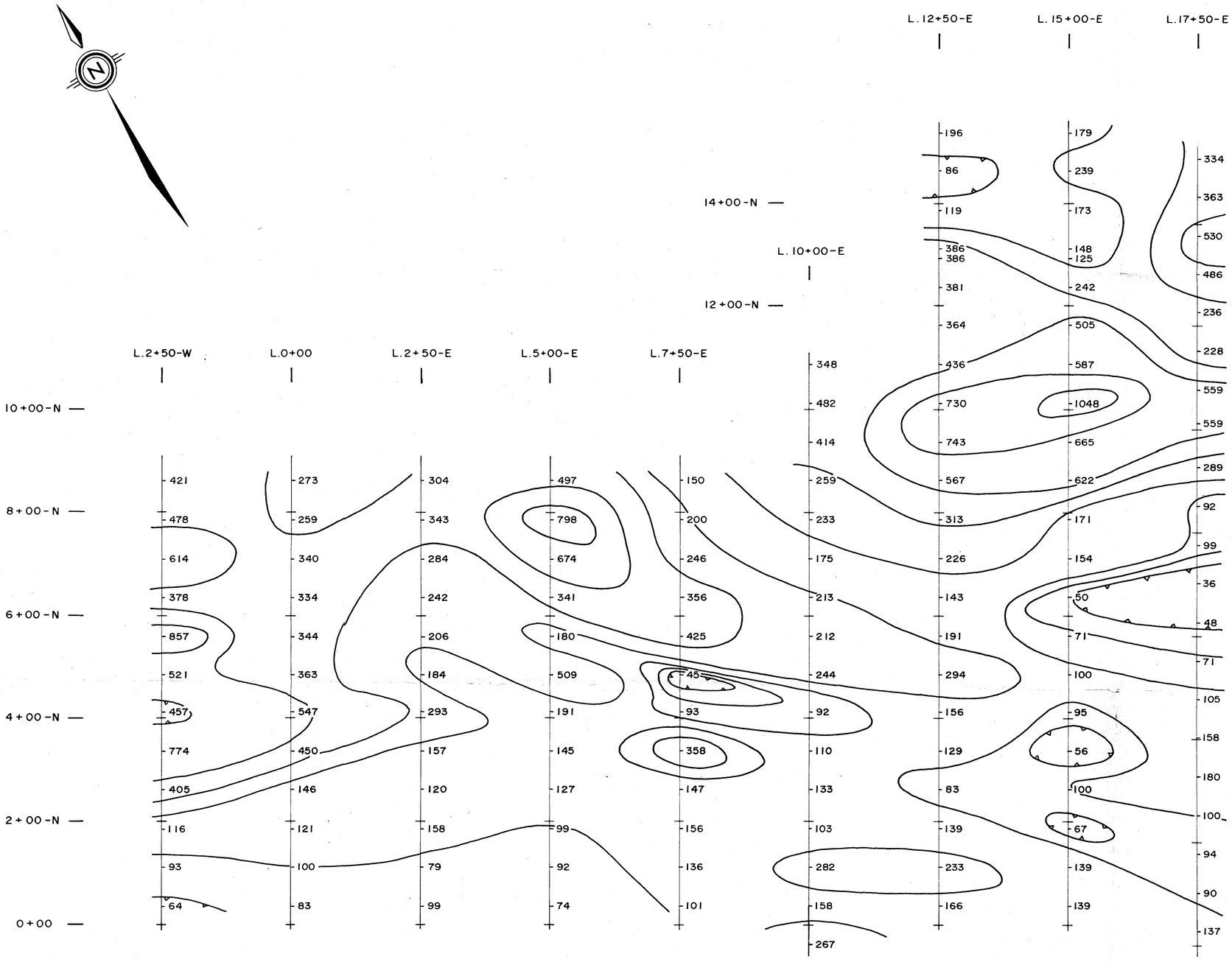
- Favourable Au Trend
- + 10 ppb Au
- >50 ppb Au
- 80△ Outcrop Au ppb
- 40□ Silt Au ppb
- XCu Showing Cu
- VLF Conductor
- Magnetic Signiture (High, Low)
- ····· Magnetic Linears

Qal	Alluvium & glacial deposits
TRJbl	Augite porphyry breccia, basaltic to andesitic
TRJb2	Conglomerate, sandstone, argillite
TRJi	Diorite, monzonite; syenite

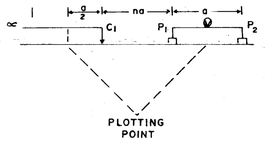
E&B EXPLORATIONS INC.

CARIBOO PROPERTY
CLAIM MAP

DATE:	SCALE:	DRAWING No.
Sept./ 1985	1:50,000	Fig. 2



POLE-DIPOLE
ELECTRODE CONFIGURATION



PLOTTING POINT

CURRENT ELECTRODE SOUTH OF POTENTIAL ELECTRODE

1 inch = 75 METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,881

UMT SERVICES CORPORATION

CARIBOO CLAIMS, MAUD CREEK AREA, CARIBOO M.D., B.C.

INDUCED POLARIZATION SURVEY

CONTOURS OF APPARENT RESISTIVITY
(IN OHM-METRES, n = 1)

SCALE 1:5000

MAP No. W-366-1
TO ACCOMPANY A REPORT BY
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JUNE — 1985

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
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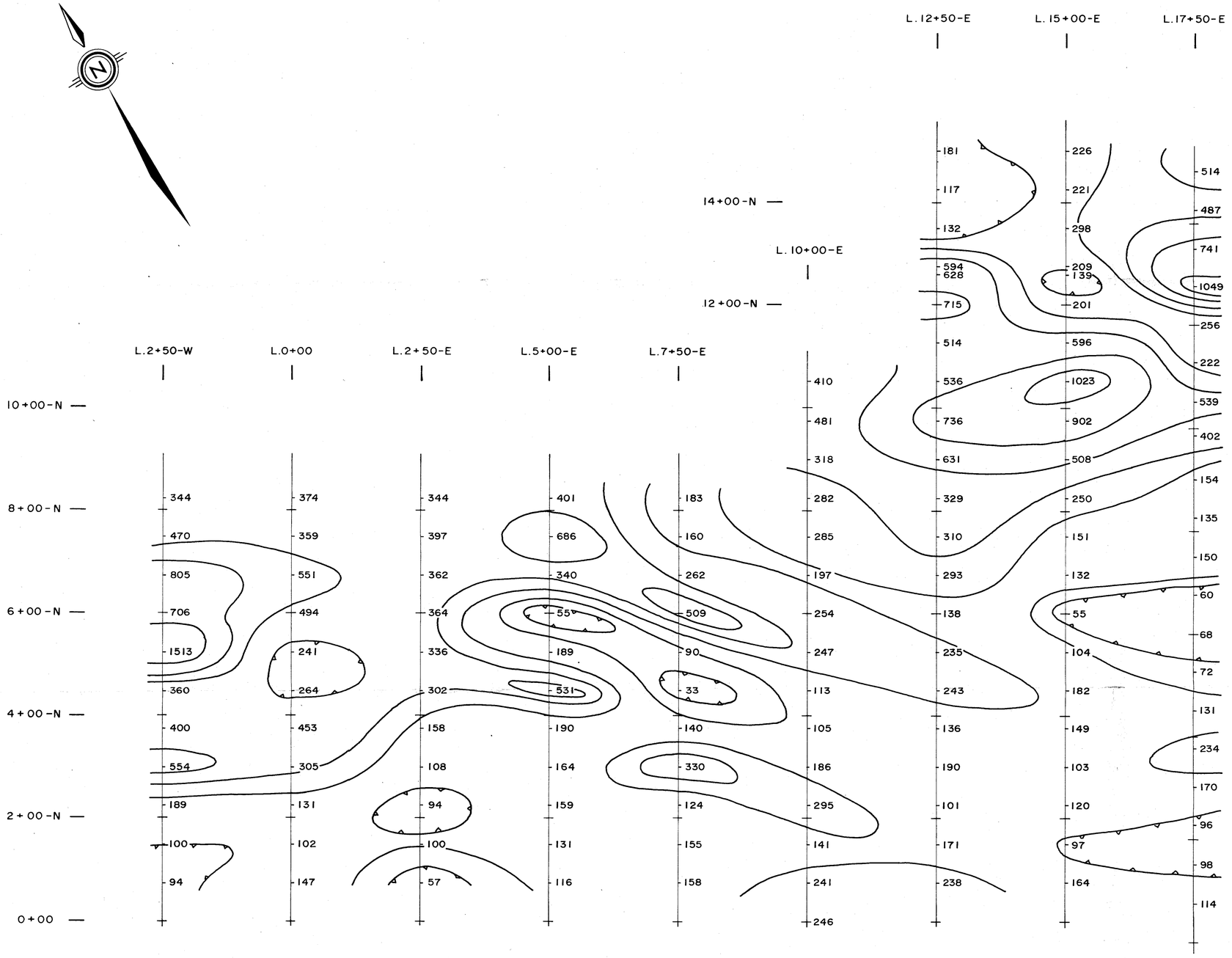
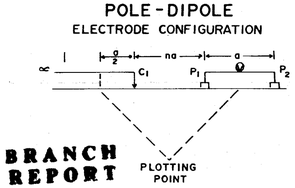


POLE-DIPOLE
ELECTRODE CONFIGURATION



CURRENT ELECTRODE SOUTH OF POTENTIAL ELECTRODE
"a" - 75 METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,881

JMT SERVICES CORPORATION

CARIBOO CLAIMS, MAUD CREEK AREA, CARIBOO M.D, B.C.

INDUCED POLARIZATION SURVEY

CONTOURS OF APPARENT RESISTIVITY
(IN OHM-METRES, n = 2)

SCALE 1:5000

MAP No. W-366-2
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PETER E. WALCOTT & ASSOC. LTD.
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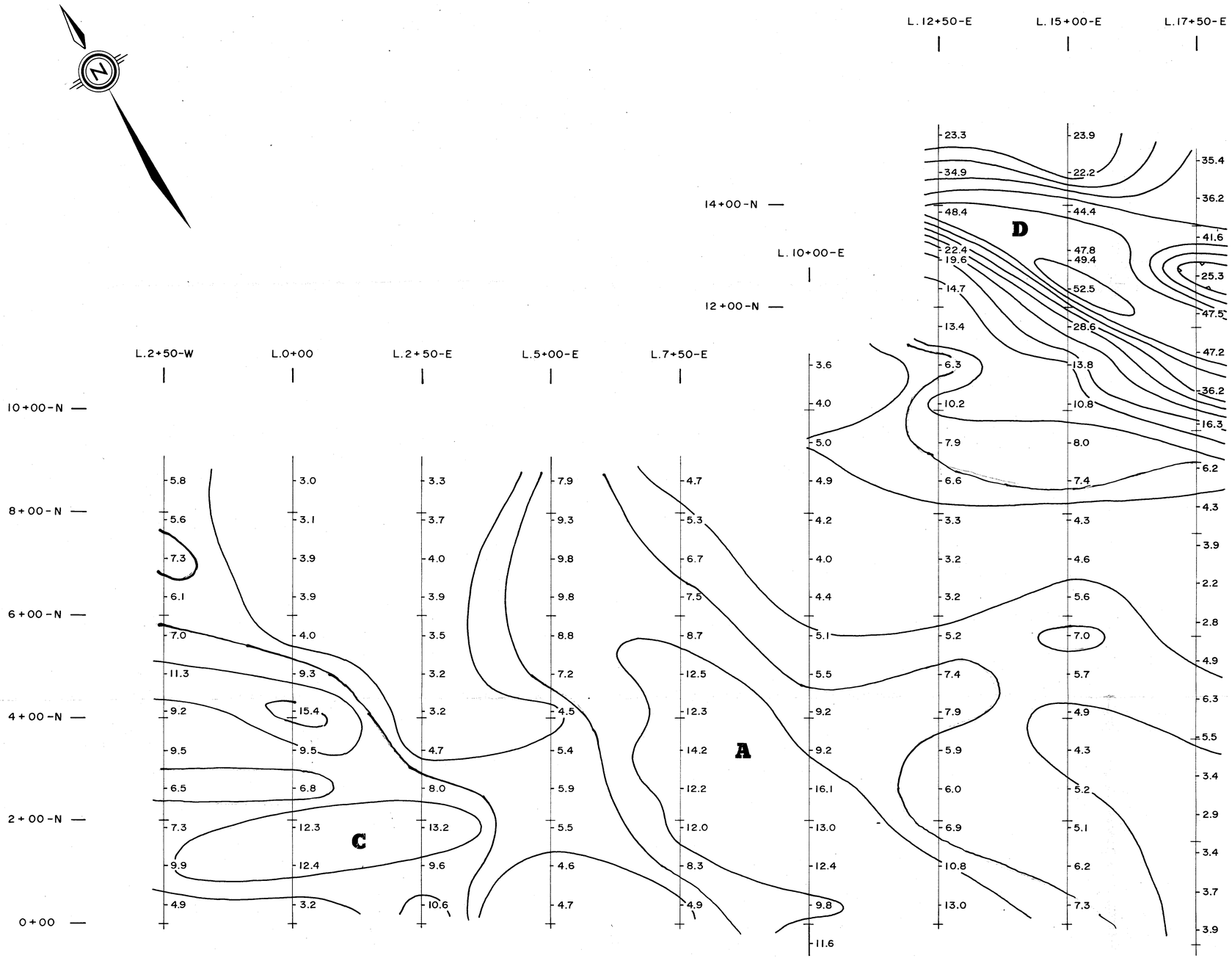
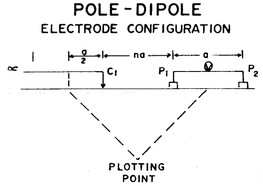


POLE-DIPOLE
ELECTRODE CONFIGURATION



"a" SPACING = DISTANCE SOUTH OF POTENTIAL ELECTRODE
"a" = 75 METRES

13,881

JIT SERVICES CORPORATION
CARIBOO CLAIMS, MAUD CREEK AREA, CARIBOO M.D, B.C.

INDUCED POLARIZATION SURVEY
CONTOURS OF APPARENT CHARGEABILITY
(IN MILLI-SECONDS, n = 1)

SCALE 1:5000

MAP No. W-366-3
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JUNE — 1985

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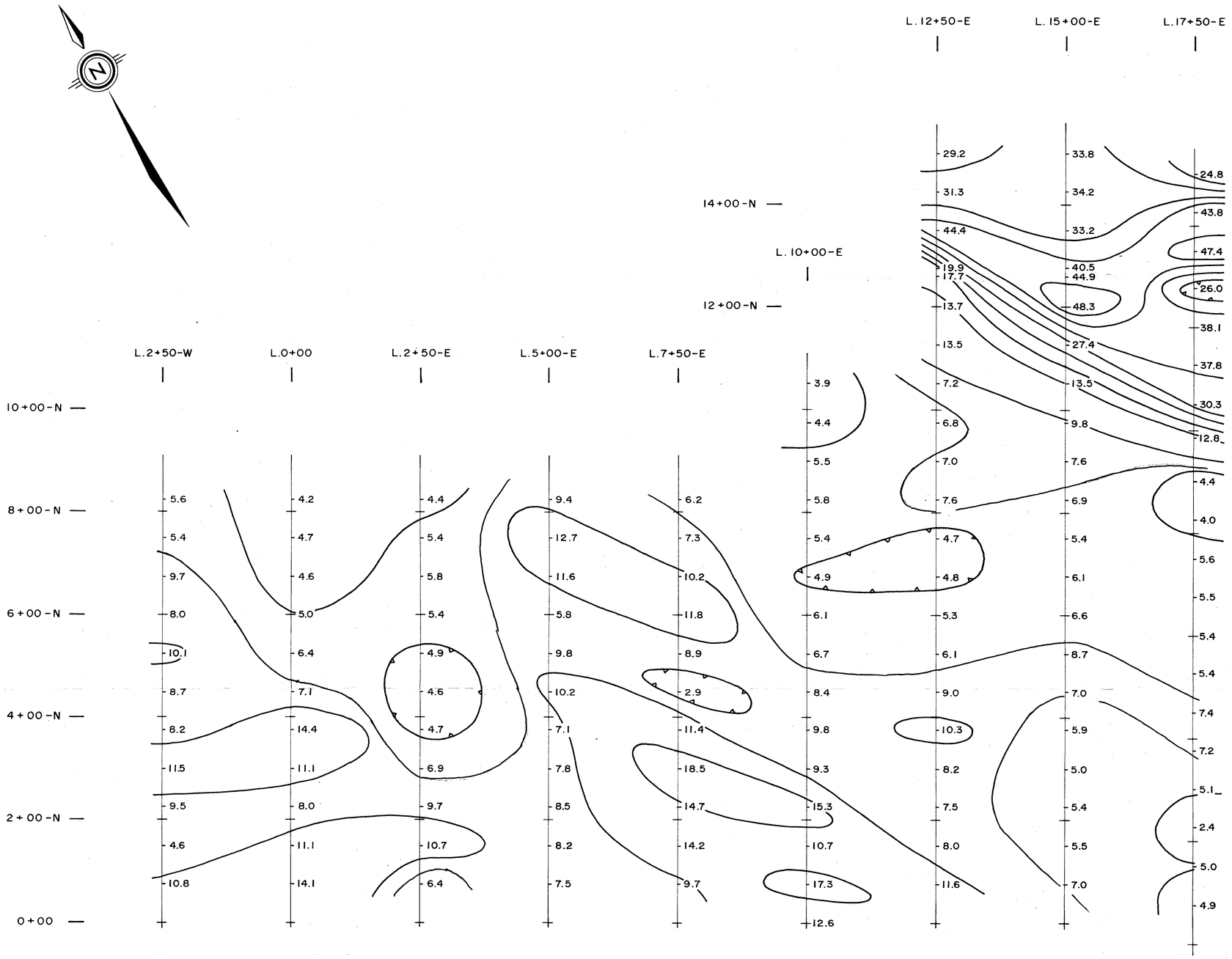
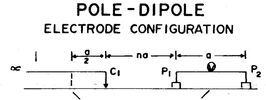


POLE - DIPOLE
ELECTRODE CONFIGURATION



CURRENT ELECTRODE SOUTH OF POTENTIAL ELECTRODE
"a" - 75 METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,881

JMT SERVICES CORPORATION

CARIBOO CLAIMS, MAUD CREEK AREA, CARIBOO M.D, B.C.

INDUCED POLARIZATION SURVEY

CONTOURS OF APPARENT CHARGEABILITY
(IN MILLI-SECONDS ; n = 2)

SCALE 1:5000

MAP No. W-366-4
TO ACCOMPANY A REPORT BY
PETER E. WALCOTT, P. Eng.

PETER E. WALCOTT & ASSOC. LTD.
JUNE — 1985

PETER E. WALCOTT
BRITISH COLUMBIA
ENGINEER

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,881

JMT SERVICES CORP.

CARIBOO MINERAL CLAIMS

~~82 J~~ - 12
93 A/12 E,W

GEOLOGY & GEOCHEMISTRY

1 : 10 000

0 500 1000

METRES

FIG. 3

SHORT STUFF No. 2

SHORT STUFF No. 3

CARIBOO #1

CARIBOO #2

CARIBOO #3

CARIBOO #4

TANGO #3

"RAIN"

INTRUSIVES 4

ANDESITE 3

CONGLOMERATE 2

SILTSTONE 1

"TONIATA"

"UTM"

"MOST LIKELY" #3

"MOST LIKELY" #4

LCP, RAIN CLAIM

QUESNEL RIVER

MAUD

QR #2

QR #4

QR #7

QR #8

LCP POST LOCATED

INDUCED POLARIZATION SURVEY GRID

B.L. 0+00

3550

3450

3700

3100

LEGEND

4 Intrusive rocks, mostly diorite to monzonite locally porphyritic

3 Andesites, massive fine grained to hornblende augite porphyritic, brecciated

2 Conglomerate, sandstone locally argillaceous rusty orange weathering

1 Siltstone, soft friable unaltered, very poorly exposed

1985 SAMPLES J & T SERIES

○ Soil sample

□ Silt sample

△ Rock sample

○ B 672 Sample location number
25/3 Arsenic (As), Gold (Au)
ppm ppb

1983 SAMPLES B 468 - B 553 , R 344 - R 442

——?—— GEOLOGICAL CONTACT (ASSUMED)

——— GEOLOGICAL CONTACT (OBSERVED)

ROCK OUTCROPPING AREA

TRAIL

SWAMPY TERRAIN

SURVEY BY HIPCHAIN, BAROMETER & COMPASS ON 1:50,000 ENLARGEMENT