

A GEOPHYSICAL REPORT

ON

ELECTROMAGNETIC & MAGNETIC SURVEYS

McNaughton Lake, British Columbia

(52° 04' N, 118° 15' W)

N.T.S. 83 D I

Claims Surveyed: MGM 1, 2, 3 & 7

Survey Dates: July 14th, 1983 -
Aug. 8th, 1983

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,565 FOR

LOCANEX INC.

Vancouver, British Columbia

BY

PETER E. WALCOTT & ASSOCIATES LIMITED

Vancouver, British Columbia

SEPTEMBER 1983

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INTRODUCTION.

Between July 14th and August 8th, 1983, Peter E. Walcott & Associates Limited carried out ground electromagnetic and magnetic surveys for Riocanex Inc. over their optioned property on the east shore of McNaughton Lake, British Columbia.

The surveys were carried out over "compass and chain" lines that were turned off by the survey crew at 100 metre intervals from a handcut N 40° W baseline.

Initially readings at three frequency pairs, 3037.5/112.5, 1012.5/112.5 and 337.5/112.5 were planned to be taken at 25 metre intervals along the lines using a Scintrex SE 88 electromagnetic unit with a coil separation of 100 metres. However due to the apparent noisy conditions with the resulting need to make several measurements in the repetitive mode to ensure quality in the data it was found necessary firstly to discontinue reading the latter pair in order to conserve battery power and save time, and secondly to read every other line to speed up the progress of the survey.

Measurements of the total intensity of the earth's magnetic field were made every 25 metres along the survey lines using a GEM proton magnetometer. Corrections were applied for drift using a base magnetometer coupled to a MR-10 base station recorder equipped with a thermal printer.

The E.M. data are presented in profile form on plan maps of the line grid, while the magnetic data are presented in contour form.

The progress of the survey was severely hampered by the inclement weather. Firstly the crew was delayed in Revelstoke due to closure of the Mica road, secondly shortly after the camp was established, a severe night storm sank the two engine boat used for transportation across the lake and partially collapsed the tents resulting in necessary time to raise and service the former, thirdly the generator used for charging the equipment batteries broke down with further ensuing difficulties, and lastly the electromagnetic unit functioned erratically and finally broke down before completion of its planned coverage.

PROPERTY, LOCATION & ACCESS.

The property is located in the Golden Mining District of British Columbia and consists of the following claim blocks:

MGM 1 - 4, 7

The claims are located on the east shore of McNaughton Lake 21 kilometres east of Mica Creek, B.C.

Access was obtained by boat from Mica Dam, or if the water level was high from Red Rock Harbour. A trip from the latter takes 1/2 to 1 hour in a well-powered boat depending on the amount of debris in that portion of the lake at time of travel.

PURPOSE.

The purpose of the survey was to determine the magnetic and electromagnetic response of the known mineralized showing, and to see if this or any other conductor exhibited any reasonable strike length across the property as conceived possible due to the favourable geology and the mineralization at Cummings Creek one kilometre southeast of the grid.

The SE 88 Genie electromagnetic system was picked as the best electromagnetic instrument for the survey due to the steepness of the terrain and the thickness of the vegetation - linecutting costs were estimated to be high - on the basis of its listed specifications and purported claims. Whether or not such was the case is the subject of much conjecture and discussion.

PREVIOUS WORK.

Previous work of the property certainly consisted of geological mapping and soil sampling, but whether or not any geophysical technique was employed is unknown to the writer. However for more detailed information the reader is referred to reports held by Riocanex Inc.

GEOLOGY.

The reader is again referred to the reports held by Riocanex Inc.

SURVEY SPECIFICATIONS.

The basic principle of any electromagnetic survey is that when conductors are subjected to primary alternating fields secondary magnetic fields are induced in them. Measurements of these secondary fields give indications as to the size, shape and conductivity of conductors. In the absence of conductors no secondary fields are obtained.

The electromagnetic survey was carried out using a SE 88 Genie electromagnetic system manufactured by Scintrex Limited of Metropolitan Toronto, Ontario. The operation of this system is based on the simultaneous transmission of two preselected, well-separated frequencies from the transmitter, and the simultaneous reception and amplitude comparison of the resultant signals by that single receiver. There is no cable or radio link between the coils, and since there are effectively no coil geometry errors, the instrument is very effective in rugged topography and heavily forested areas. In the absence of atmospheric noise useful amplitude ratio changes may be made up to a transmitter-receiver separation of 200 metres.

On this survey measurements were made at two frequency pairs at a 100 metre coil separation.

The magnetic survey was carried out using a GSM-8 proton precession magnetometer manufactured by GEM Systems Inc. of Don Mills, Ontario. This instrument measures variations in the earth's magnetic field to an accuracy of ± 1 gamma. Corrections for diurnal variations were made by comparison with readings obtained on a base magnetometer coupled to a MR 10 recorder, manufactured by Canadian Mining Geophysics Ltd. of Metropolitan Toronto, Ontario.

In all some 20.2 kilometres of electromagnetic and 36.3 kilometres of magnetic surveying were carried out.

DISCUSSION OF RESULTS.

Despite the E.M. manufacturer's claim of the transmitter power supply's endurance of firstly 7 hours then modified to 5 hours of continuous operation this proved not to be the case with maximum 5 hours reading time when averaging the amplitude ratios for 16 seconds periods 8 or 9 times each time for three transmitter pairs. This averaging of repetitive readings was necessary to enhance the signal to noise ratio, and even with this many repeats the data is still fairly noisy as can be seen from the plot of the 1012.5/112.5 and 3037.5/112.5 Hz results - Maps W-326-3 & 4 - 337.5/112.5 data recorded on Lines 0, 2, 4 & 5N but not plotted.

It is interesting to note that every time the operator became suspicious of the system and checked the operation of the same at 50 metre separation repetitive readings would repeat to within $\pm 0.5\%$. Should coverage have been desired at this separation a very reasonable rate of progress could have been maintained.

Despite the noisy data only one conductor of good conductivity and limited strike length was observed over the area covered as shown on Map W-326-3. However no associated magnetic response was obtained - Map W-326-2.

No magnetic or electromagnetic responses were observed over the known showings.

The magnetic survey showed the area to exhibit a fairly flat magnetic background above which a very definitive linear anomaly can clearly be seen striking across the grid towards the Cumming Creek prospect.

Profiling the data shows steep gradients and a maximum of three peaks and suggests the causative source to be banded material. As no E.M. response was obtained over the northern half of the anomaly - the E.M. instrument broke down before the southern part was covered - the causative source of the anomaly was thought to be magnetite.

The E.M. profiles exhibited a sharp drop on Line 10S, when a change to a negative background was obtained. Subsequent profiling on Line 9S gave the same results with no shift towards the east making the operator suspicious. A portion of Line 8S was then repeated with similar negative readings - Maps W-326-3 & 4. No reason could be found for this departure from the previous data and the survey was discontinued.

SUMMARY, CONCLUSIONS & RECOMMENDATIONS.

Between July 14th and August 8th, 1983, Peter E. Walcott & Associates Limited carried out a combined ground magnetic and electro-magnetic survey for Riocanex Inc. over their optioned property on the eastern shores of McNaughton Lake.

The survey was plagued by numerous problems stemming from the inclement weather and equipment malfunction.

The magnetic survey showed the area to exhibit a flat magnetic background above which an interesting banded anomaly striking diagonally across the grid was observed. No E.M. response was obtained over part of this anomaly on the limited E.M. coverage.


The E.M. survey exhibited for the most part a noisy background - certainly noisy readings - above which only one short conductor axis was defined. This conductor, although exhibiting good conductivity, has limited strike length. It was not further detailed due to equipment malfunction.

No E.M. or magnetic response was observed over the known mineralization.

As a result the writer concludes that although the magnetic feature looks interesting it is most probably caused by magnetite. However it should be checked with a similar or preferably another kind of E.M. system before writing off its potential.

Respectfully submitted,

PETER E. WALCOTT & ASSOCIATES LIMITED


Peter E. Walcott, P.Eng.
Geophysicist

Vancouver,
British Columbia

September 1983

A P P E N D I X

COST OF SURVEY.

Peter E. Walcott & Associates Limited undertook the survey on a daily basis. Mobilization, boat rental, draughting and interpretation costs were extra so that the total costs of services provided was \$39,684.41.

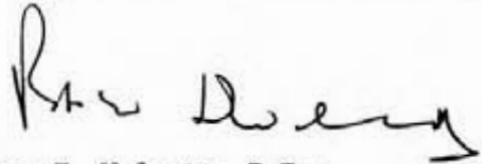
PERSONNEL EMPLOYED ON SURVEY.

<u>Name</u>	<u>Occupation</u>	<u>Address</u>	<u>Dates</u>
Peter E. Walcott	Geophysicist	Peter E. Walcott & Assoc. 605 Rutland Court, Coquitlam, B.C. V3J 3T8	July 15 - 18, 21 - 24, Sept. 16, 83
G. MacMillan	Geophysical Operator	"	July 21 - 24, 1983
V. Pashniak	"	"	July 21 - 23, 1983
R. Summerfield	"	"	July 14 - Aug. 9, 1983
F. von Flotow	"	"	"
P. Charlie	"	"	"
D. Dawson	Helper	"	"
J. Walcott	Typing	"	Sept. 17, 1983
R. Rollings	Draughting	1952 Connaught Ave., Port Coquitlam, B.C.	Aug. 21 - 25, 1983

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 with a B.A.Sc. in Engineering Physics, Geophysics Option, in 1962.
2. I have been practising my profession for the last 21 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 MGM Claims, nor do I expect to receive any.



Peter E. Walcott, P.Eng.

Vancouver,
British Columbia

September 1983

PROJECT FIELD REPORT

CLIENT Rio Canoe AREA McNaughton Lake, B.C. PERIOD 10 to 16 July 1983
(Month)

PROJECT No. W-326 TYPE OF SURVEY RM. Hydrographic EQUIPMENT USED SEB's Gein
Gen Mag

DATE	PERSONNEL WORKING	DETAILS OF DAILY WORK	REMARKS
Sunday 10			
Monday 11		Talk to J. Leask. Advised he had plenty of fuel for boat. Told R. Sunnfield not to worry about fuel as assumed Leask had Cache he	Wanted us to use.
Tuesday 12			
Wednesday 13	P. W. Ancoit.	P.M. Talk to C. Spence re road conditions to Mica. Advised of problems. Talk to R. Sunnfield - Kamloops. Told him to spend night here.	
Thursday 14	"		
Friday 15	"	Drive Vancouver to Revelstoke with travel bikes.	
Saturday 16	"	Drive Red Rock Harbor. P.M. by R. Sunnfield. No fuel for return trip. Drive Mica Creek for same. Take Honda 500 to camp. Lots of debris in lake. Fix propane fridge.	F. Van Fleet. P. Ancoit finish building dock for boat.

Wait
 while 1.00 p.m.
 in gas. 5.00 p.m.
 in gas.

SPECIFIC REMARKS } P. W. Ancoit spent 9 Days enroute to and re property }
 } G. Macmillan 4 " " " " " " }

SIGNATURE Peter Walcott
 NAME _____

PARTY CHIEF

PROJECT FIELD REPORT

CLIENT Red Carpet.

AREA McNaughton Lake Bc.

PERIOD 17 to 23rd July 1965
(Month)

PROJECT No. W-326

TYPE OF SURVEY EM, Log

EQUIPMENT USED

DATE	PERSONNEL WORKING	DETAILS OF DAILY WORK	REMARKS
Sunday 17 th	P. Walcott	P. Walcott start off. Bc. Cut 100 metres. P. Charlie. P. Dawson continue cutting. P. Walcott. R. Sunnifield put in L-O. L-1W. 2 1/2 hours to put in some. F.V. Doherty clear bank from access road for trail bikes.	Start ridge with Gene 12 ridge in belly went down at 6.30 pm.
Monday 18 th	"	P. Walcott went to Revelstoke to pick up 2 45 of gasoline for boat plus add bits of groceries to shipment. Put for 10 days. Plus some ice to collect. Plus shaved a one motor on way back. Bolt dropped down from bearing at junction.	P. Walcott. P. Sunnifield took apart. Filled one from 6" spike. Bell loose - both motors. Bo drive. Some bolts for other equipment. fixed.
Tuesday 19 th	"	Left at 7.30 for Red Rock Harbour. Drove to Vancouver. Big thunderstorm near Ashcroft.	2 hours.
Wednesday 20 th	"	R. Sunnifield called next am. Big storm. Knocked down antenna mast on tent. Boat piles. Broke Steve Langard hold boat to dock. Washed away dock. Bow lanyard tie to large stump - had to hold from. Boat filled up with water and sank 12 feet from shore.	Phone L-1W's Forest Prod. Phone barge owner. Said he was going up there tonight or tomorrow.
Thursday 21 st	G. Macmillan V. Pasutti ATK	Ran 3 km cone along. Get electric wire and chains. V. Pasutti. G. Macmillan drive Edwards - Revelstoke. P. Walcott Vancouver - Revelstoke. Lake low shut off. Lake level rose 2 1/2 feet.	R. Sunnifield phone back night. Barge pulled back at.
Friday 22 nd	"	P. Walcott. G. Macmillan take applicable with tools from Red Rock to Camp. V. Pasutti pack tools etc down from road at Yellowhead 2 1/2 hours across as much debris in lake forcing prep. Clean debris up from beach. Cut rollers. Use winch and beach	boat. Strip heavy and take off carburettors. Get one motor going. Can't get to wet - other still.
Saturday 23 rd	P. Walcott G. Macmillan V. Pasutti to Vancouver.	Start back 8.00 pm. Ran out of one tank 1/2 way across. One other tank dry with some water. No work. Use 1/2 tank for my boat. Beach back to Revelstoke by 1.00 AM. Clean tanks with air hose in Revelstoke. Buy new plugs & plug wrench as old plugs were put in - so tight that rounded wrench broke off top to use. Soiled & remove. Drive Revelstoke. Drive lake. Get next motor going.	over 1/2 way belly Yellowhead, fed food. Boat at 10.30 pm - dark. Barge fed Red Harbour at 9.30 pm. Boat out

SPECIFIC REMARKS
Heading for Harbour when terrific thunderstorm occurred. Fall into shore. At first set a grid and other side by lightning strikes. Heavy rain with 4.00 pm. Go to Camp. R. Sunnifield has wet suit and found SIGNATURE NAME CWU on during. Sunnifield in boat to camp before leaving. Ladies used. Drove U2:00.

24th. Price Vancouver - Vancouver. Bolt and motor working same as before but plugged by debris. PARTY CHIEF one still got hit.

PROJECT FIELD REPORT

CLIENT R. CAN ET. MGM CLAIMS AREA McNaughton LAKE PERIOD 13 to 16 JULY 198
 PROJECT No. W326 TYPE OF SURVEY EM ~~EM~~, MAGNETOMETER EQUIPMENT USED SE-88 GENIE
(Month)
GEM MAG
MR 10 BARE RECORD

DATE	PERSONNEL WORKING	DETAILS OF DAILY WORK	REMARKS
Sunday			
Monday			
Tuesday			
Wednesday JULY 13	Red Summerfield F. von Flotow	LOADED TRUCK, LEFT VAN., DROVE TO KAMLOOPS AND SPENT THE NIGHT	
Thursday JULY 14	R Summerfield F. von Flotow P. CHARLIE D. DAWSON	P.U. P. CHARLIE & D. DAWSON IN KAMLOOPS. DROVE TO REVELSTOKE. ARRANGED BOAT, FUEL ETC. PURCHASED GROCERIES. OVERNIGHT IN REVELSTOKE	
Friday JULY 15	" "	P.U. GROCERIES, FUEL and drove to RED ROCK HARBOUR 2 TRIPS with boat to get equip. into camp. SET UP CAMP.	Propane FREEZER NOT WORKING
Saturday JULY 16	P. WALCOTT R. Summerfield F. von Flotow P. CHARLIE D. DAWSON	FINISHED SETTING UP CAMP. P.U. P. WALCOTT & A. WALCOTT @ RED ROCK HARBOUR. DROVE TO MICA CREEK VILLAGE FOR FUEL. RETURN BOAT TRIP TO CAMP WITH HONDA 50'S	Propane FREEZER FIXED.

SPECIFIC REMARKS

SIGNATURE

Red Summerfield

NAME

Red Summerfield

PARTY CHIEF

PROJECT FIELD REPORT

Re CANEX

CLIENT MGM CLAIMS

AREA McNaughton LAKE

PERIOD 17 to 23 JULY 1981
(Month)

PROJECT No. W326

TYPE OF SURVEY EM, MAGNETOMETER

EQUIPMENT USED SE-88 GENIE (EM)
GEN MAG
MRID BASE RECORDS

DATE	PERSONNEL WORKING	DETAILS OF DAILY WORK	1st REMARKS
Sunday JULY 17	P. WALCOTT R. Summerfield F. von Flotow P. CHARLIE D. DAWSON	CUT BASE LINE 0 to 4+50N approx. CHAINED to 0-3+50N ON B.L. HIP CHAINED L0 B.L. to 8+00W L1+00N " " " "	18th KEY SHEARED HOLD PROP. ON ONE MOTOR MADE ONE OUT OF 6" SPIKE READ 12 RDGS with Em Tx battery low
Monday JULY 18	" "	CUT BASE LINE 4+50 to 17+75N HIP CHAINED L4N B.L. to 8+00W EM READ L0+00 BATTERY LOW	19th TOOK P. WALCOTT & A. WALCOTT TO REEL ROCK HARBOUR IN MORNING
Tuesday JULY 19	R. Summerfield F. von Flotow P. CHARLIE D. DAWSON	CHAINED B.L. 3+50 to 17+75N MAG READ B.L. 00 to 17+75N HIP CHAINED L2N & L4N 00 to 2+00E L3N EM READ L2N 800m BATTERY LOW	20th HEAVY WINDS & RAIN PREVIOUS NIGHT, BOAT SANK. ARRANGED to FROM EVANS FOREST PRODUCTS FROM ONE OF THEIR BOATS.
Wednesday JULY 20	" "	MAG READ L00 & L1N 200m HIP CHAINED L5N, L6N, L7N, L8N (to the WEST) EM READ L4N (400m) L2N (200m) BATTERY LOW	
Thursday JULY 21	" "	HIP CHAINED L8N (EAST) L9N, L10N WEST MAG READ L00, L1N (0-200E) EM READ L4N (525m) L5N (400m) BATTERY LOW BARGE PULLED BOAT OUT	# Boat lifted
Friday JULY 22	" "	HIP CHAINED L12N (EAST), L11N, L10N (EAST) EM READ L6N (700m), L5N (700m) BATTERY LOW	P. WALCOTT, G. McM. came to camp to work on boat
Saturday JULY 23	" "	HIP CHAINED L12N (WEST), L13N, L14N EM READ L6N (500m) L7N (500m) 1 Km lightning ACTIVITY	" "

SPECIFIC REMARKS Tues. July 19th R. Summerfield stayed in camp expecting barge and salvaging shore line. located everything except 1 5 gal CONTAINER. BOAT showed up in the evening saying the barge would be here first thing Wed. July 20th morning. BARGE showed up @ 5:30 pm JULY 21st pulled boat out

SIGNATURE Rod Summerfield
NAME Rod Summerfield
PARTY CHIEF

PROJECT FIELD REPORT

CLIENT MGM ^{Rd CANEX} AREA McNaughton LAKE PERIOD 24 to 30 07 199
 PROJECT No. W 326 TYPE OF SURVEY EM, MAGNETOMETER EQUIPMENT USED SE-88 GENIE EM
(Month)
GEM MAG
MRIO BASE RECORDER

DATE	PERSONNEL WORKING	DETAILS OF DAILY WORK	REMARKS
Sunday JULY 24	R. Summerfield F. von Flotow P. CHARLIE D. Dawson	CUT B.L. 17+75N to 20+00N Hip chained L15N, L16N EM READ L 7N (500m), L8N (600m) BATTERY LOW	
Monday JULY 25	" "	Hip CHAINED L17N, L18N, L19N, L20N CUT BL 00 to 100S APPROX. EM READ L8N (400m), L9N (800m) BATTERY LOW	
Tuesday JULY 26	" "	EM READ L9N (200m), L10N, L11N (150m) CUT BL TO 600S, CHAINED 00 → 6+00S	
Wednesday JULY 27	" "	MAG READ L11N (00-8W), 2N, 3N, 4N, 5N, 6N (800W-125W) EM READ L11N (600m) L12N (550m) Hip CHAINED L15, L25	
Thursday JULY 28	" "	EM READ L 12N (150m), L14N (700m) Hip chained L35, L45 R. Summerfield went to Revelstoke to pu. Supplies & GROCERIES Both batteries in BOAT DEAD. RETURN TO Revelstoke STENT NIGHT HAD BATTERYS CHG'D OVERNIGHT	
Friday JULY 29	" "	MAG READ L6N (125W-400E) L7N, 8N (600W-150W) BASE RECORDER BATTERY DIED, MAG DATA USELESS EM, NOISY RDGS ON L14N @ 300E, Tx battery died TRYING TO GET RDG. OBVIOUSLY GENERATOR NOT FUNCTIONING PREVIOUS NIGHT WORKED ON PINCOR TO NO AVAIL	
Saturday JULY 30	" "	CUT BL & CHAINED 6+00S → 13+00S Hip Chained L65, L75 (Both 400m to E) R. Summerfield, F von Flotow went to Revelstoke WORKED ON PINCOR there. LEFT PINCOR IN TOWN, P.U. a RENTAL GENERATOR RETURNED TO CAMP, AFTER 1/2 TANK OF GAS RENTED GENERATOR	DIED. WORK ON THE GENERATOR ALL NIGHT

SPECIFIC REMARKS

SIGNATURE Rod Summerfield
 NAME Rod Summerfield
 PARTY CHIEF

PROJECT FIELD REPORT #14

CLIENT MGM *Reo Carter* AREA McNaughton LAKE PERIOD JULY 31 to 6 AUG 1981
 PROJECT No. W326 TYPE OF SURVEY EM, MAGNETOMETER EQUIPMENT USED SE-88 GENIE Em
Gen MAG
MIR 10 MAG BASE RECORDER

DATE	PERSONNEL WORKING	DETAILS OF DAILY WORK	REMARKS
Sunday JULY 31	R. Summerfield F. van Flotow P. CHARLIE D. DAWSON	Hip CHAINED L6S, L7S (Both 00 → 400E) FINISHED CHAIRING BL TO 134005 WORKED ON RENTAL GENERATOR in the morning. TOOK IT TO THE TRUCK TO TRY NEW GAS. NO NAIL DROVE TO REVELSTOKE GOT HOLD OF THE MAYOR. PHONED ALL AROUND TO LOCATE ANOTHER GENERATOR NO SUCCESS	→ DROVE back TO RED F HARBOR. GOT A GENERATOR OFF A CAMPER FOR A NIGHT. DARKNESS AND LIGHTNING PREVENTED US FROM GOING TO GIM
Monday AUG 1	" "	Hip CHAINED L6S, L7S (Both to 800W), L8S, L9S (00 → 800W) PHONED OWNER OF RENTAL SHOP in the morning DROVE TO REVELSTOKE AND SWAPPED GENERATORS, MADE IT BACK TO CAMP @ 2 pm. ATE FOR FIRST TIME SINCE SUNDAY MORNING WORKED ON BOAT MOTORS (ONE OVER HEATING, ONE LEAKING GAS)	GENERATOR ACTUALLY WORKS
Tuesday AUG 2	" "	Hip CHAINED L8S, L9S (00 → 400E), L5S MAG L9S (800W → 00) L1S, L2S, L4S, L3S (00 → 200E) Tx MALFUNCTIONING WENT TO REVELSTOKE, P.U. PINCOR RETURNED RENTAL GENERATOR	
Wednesday AUG 3	" "	MAG L3S, L8S (800W → 00), L5S, L6S, L7S Hip CHAINED L10S, L11S PHONE U. RENTSCH (SCINTREX, TORONTO) CONCERNING Tx P.U. GROCERIES & FUEL, RETURNED TO CAMP	
Thursday AUG 4	" "	EM READ L20N, L18N, L16N (300m) MAG L8S, (0-400E) L9S, L10S, L11S, L12S, L6N 500m L7N (525m) Hip CHAINED L12S, L13S, TIE LINE 13S → 11S (WEST)	
Friday AUG 5	" "	EM READ L16N (500m), L2S (800m) MAG READ L13S, L7N, L8N, L9N, L0N, L11N (600m) RAN TIE LINE 20N → 00 (EAST), 20N → 12N (WEST) DISMANTLED BOAT MOTOR, TESTED THERMOSTAT WATER PUMP ETC. PUT BACK TOGETHER also 2 loose NUTS	Tx NOW FUNCTIONING 2 MOUNTS FOR 1 WAT BOARD BROKEN. GLU- ON, BACK IN FIELD 3 PM - 9:30 PM
Saturday AUG 6	" "	EM READ L2S (200m) L3S (200m) L4S, L6S MAG READ L11N (200m) L12N, L13N, L14N, L15N, L16N, L17N L18N (200m) RAN TIE LINE 12N → 13S (WEST) 00 → 13S (EAST)	

SPECIFIC REMARKS JULY 31 CONT: RETURNED GENERATOR TO CAMPERS. SPENT NIGHT ON COUCH IN REC ROOM OF BC HYDRO IN MICA CREEK.

SIGNATURE Trod Summerfield
 NAME Trod Summerfield
 PARTY CHIEF

PROJECT FIELD REPORT # 51

CLIENT MGM AREA McNaughton LAKE PERIOD 6 to AUG 19
 (Month)
 PROJECT No. W326 TYPE OF SURVEY EM, MAGNETO METER EQUIPMENT USED SE-88 GENIE
Gen MAG
MIR 10 BITE RECORDER

DATE	PERSONNEL WORKING	DETAILS OF DAILY WORK	REMARKS
Sunday AUG 6	R. Summerfield F. von Flotow P. CHARLIE D. DAWSON	EM READ L85, L105, L95 (500m), L85 (200m repeats) 100m on L105, L95, L85 em malfunctioning Read Read at L-105. Read 95. Reading did not work Repeat L-85 (200m) completely different from preliminary.	1st shift. 1. Wild. talk to Summerfield at 1.00 pm. Just leaving for 2nd shift. Everything ok till of till
Monday AUG 7	" "	MAG ROAD L18N, L19N, L20N, BL (20 → 1775 N) Demobilize CAMP. FORD P.U. Running poorly GOT INTO Revelstoke 2AM	Took apart. Everything the same. * Steering linkage broke on last trip in
Tuesday AUG 8	" "	Ford P.U. TAKEN INTO GARAGE, Fuel line cleaned & GAS TANK. DROPPED P. CHARLIE, P. DAWSON OFF IN Kamloops, DROVE TO VAN, ARRIVED 11 pm.	
Wednesday AUG 9	Red Summerfield F. von Flotow	unloaded gear @ WAREHOUSE Shipped MAG & RECORDER TO ONT. DROPPED SCINTREX GEAR OFF	
Thursday 11			
Friday 12			
Saturday 13			

SPECIFIC REMARKS

SIGNATURE Red Summerfield

NAME Red Summerfield

PARTY CHIEF

PETER E. WALCOTT & ASSOC. LTD.

605 RUTLAND COURT, COQUITLAM, B.C. V3J 3T8 • TEL. 930-0383

I N V O I C E

NO. 1622

Date: August 25th, 1983

Terms: NET 30 DAYS

To: RIOCANEX INC.
520 - 800 W. Pender St.,
Vancouver, B.C.

Re: MGM Claims, McNaughton Lake, B.C.

1.	Mobilization - demobilization: crew and equipment Vancouver - Revelstoke - Vancouver	\$2,000.00	G
2.	Provision of 4 man crew, E.M. equipment, magnetometer, recorder, camp & food for period July 15th - Aug. 8th = 25 days at \$1070.00 per day	\$26,750.00	E O P H Y
3.	Provision of P. Walcott: July 15 - 19, 21 - 24 = 9 days at \$350.00 per day	3,150.00	S
4.	Provision of G. MacMillan: July 22 - 24 = 3 days at \$250.00 per day	750.00	I C
5.	Provision of V. Pashniak: July 22 - 23 = 2 days at \$150.00 per day	300.00	A L
6.	Trail bike rental: 4 trail bikes at \$68.00 per day for 25 days	1,700.00	
7.	Room and board Walcott, MacMillan, Pashniak, Summerfield overnight to charge boat battery	513.29	S E
8.	Gasoline: Walcott & MacMillan travel	421.59	R
9.	Extra flagging - thick bush - 2 colours for stations	136.08	V
10.	Boat operating costs (as attached)	\$2,952.98	I
		\$38,673.94	C
	<u>Project W-326</u>	<u>=====</u>	E

INVOICE NO. 1622

PROJECT W-326

Please note interest will be charged at the rate of 1 1/2% per month on all overdue accounts.

Re: Invoice #1622
Item #12

Boat operating costs:

1.	25 days at \$50.00 per day	\$1,250.00
2.	Raise boat	405.00
3.	Paddle	12.63
4.	Come a long rental	60.00
5.	Wet suit rental	34.00
6.	Plugs	45.80
7.	Grease	4.25
	fuses	1.49
	gaskets	.75
	bolts	5.00
	plug wrench	1.59
	sockets	12.71
) parts	
8.	Winch rental 18 days at \$10.00 per day	180.00
9.	Cover for engine lost	200.00
10.	Gasoline	630.31
	oil	97.45
11.	Battery charge	<u>12.00</u>
		\$2,952.98
		=====

PETER E. WALCOTT & ASSOC. LTD.

605 RUTLAND COURT, COQUITLAM, B.C. V3J 3T8 • TEL. 939-0383

I N V O I C E
=====

NO. 1623
=====

Date: September 18th, 1983

Terms: NET 30 DAYS

To: RIOCANEX INC.
520 - 800 W. Pender
Vancouver, B.C.

Re: MGM Claims, McNaughton Lake, B.C.

1. Draughting & Reproduction	\$510.47
2. Report writing & preparation	<u>500.00</u>
	<u>\$1,010.47</u> =====

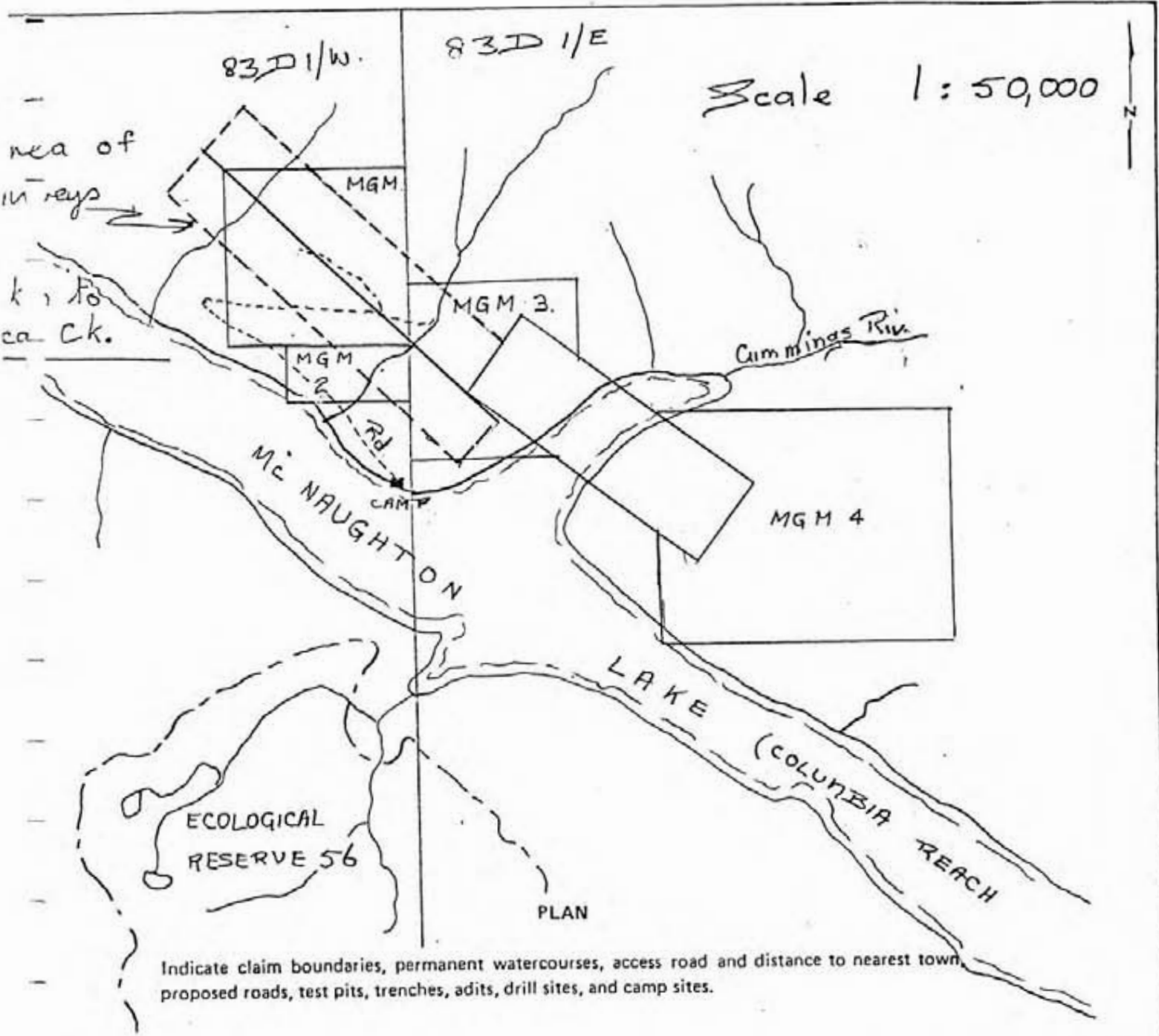
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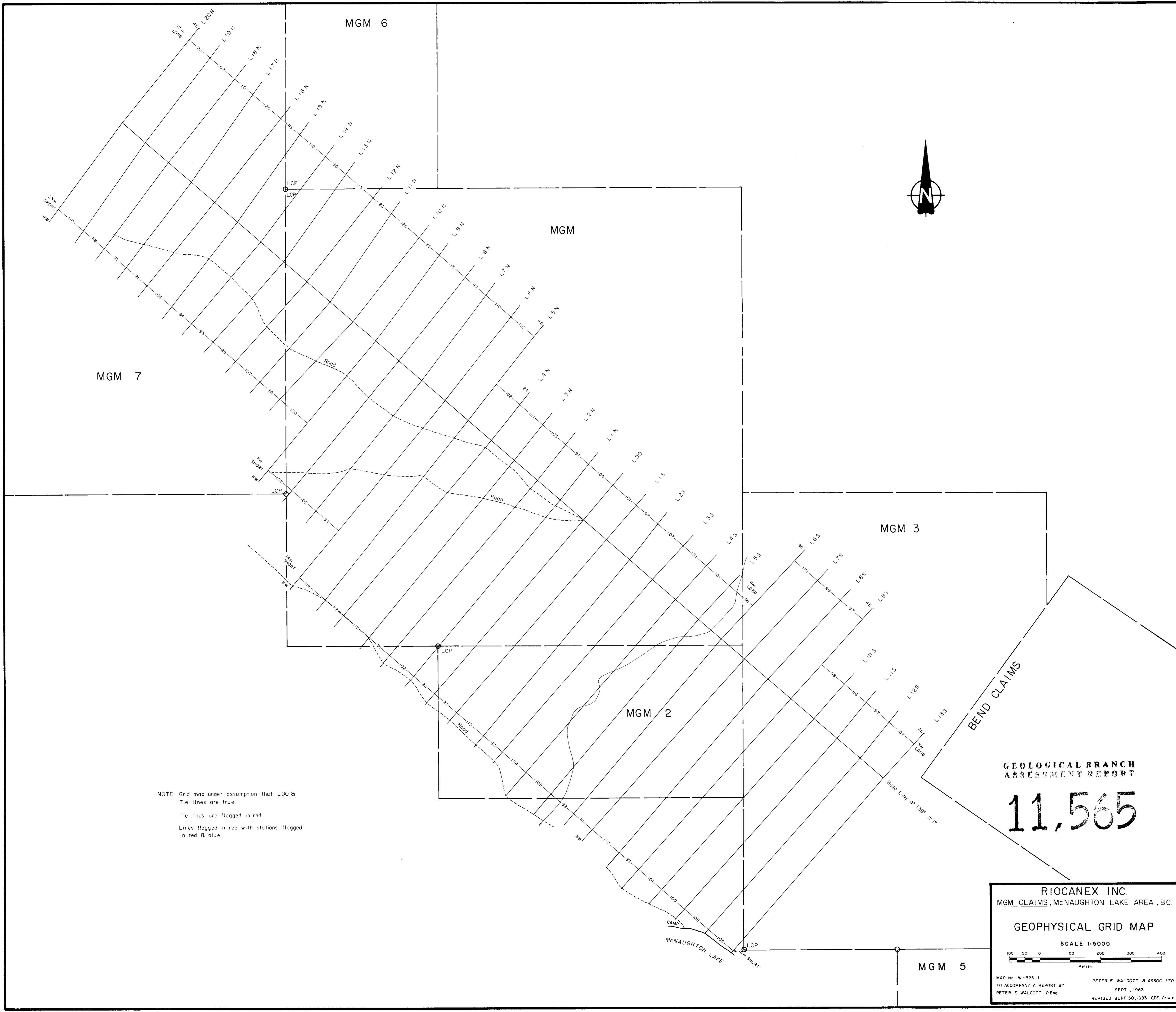
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Project W-326
=====

INVOICE NO. 1623
=====

Please note interest will be charged at the rate of 1 1/2% per month on all overdue accounts.





NOTE Grid map under assumption that L00 & Tie lines are true
 Tie lines are flagged in red
 Lines flagged in red with stations flagged in red & blue.

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

11,565

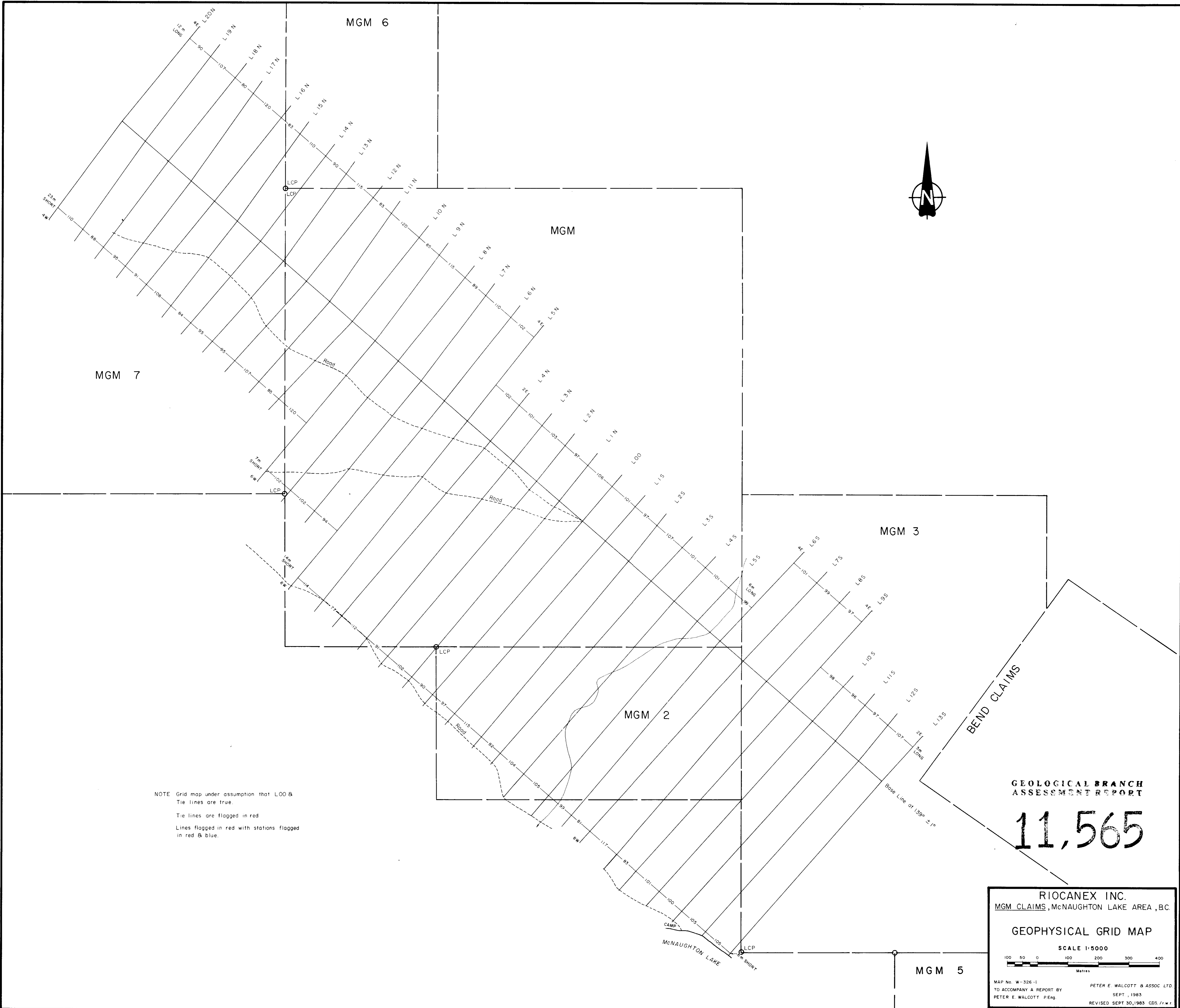
RIOCANEX INC.
 MGM CLAIMS, McNAUGHTON LAKE AREA, BC

GEOPHYSICAL GRID MAP

SCALE 1:5000

100 50 0 100 200 300 400
 Metres

MAP No. W-326-1
 TO ACCOMPANY A REPORT BY PETER E. WALCOTT & ASSOC. LTD.
 PETER E. WALCOTT P.Eng. SEPT, 1983
 REVISED SEPT 30, 1983 CDS /r.w.r



NOTE Grid map under assumption that L00 & Tie lines are true.
 Tie lines are flagged in red
 Lines flagged in red with stations flagged in red & blue.

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

11,565

RIOCANEX INC.
 MGM CLAIMS, McNAUGHTON LAKE AREA, BC.

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

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 ASSESSMENT REPORT

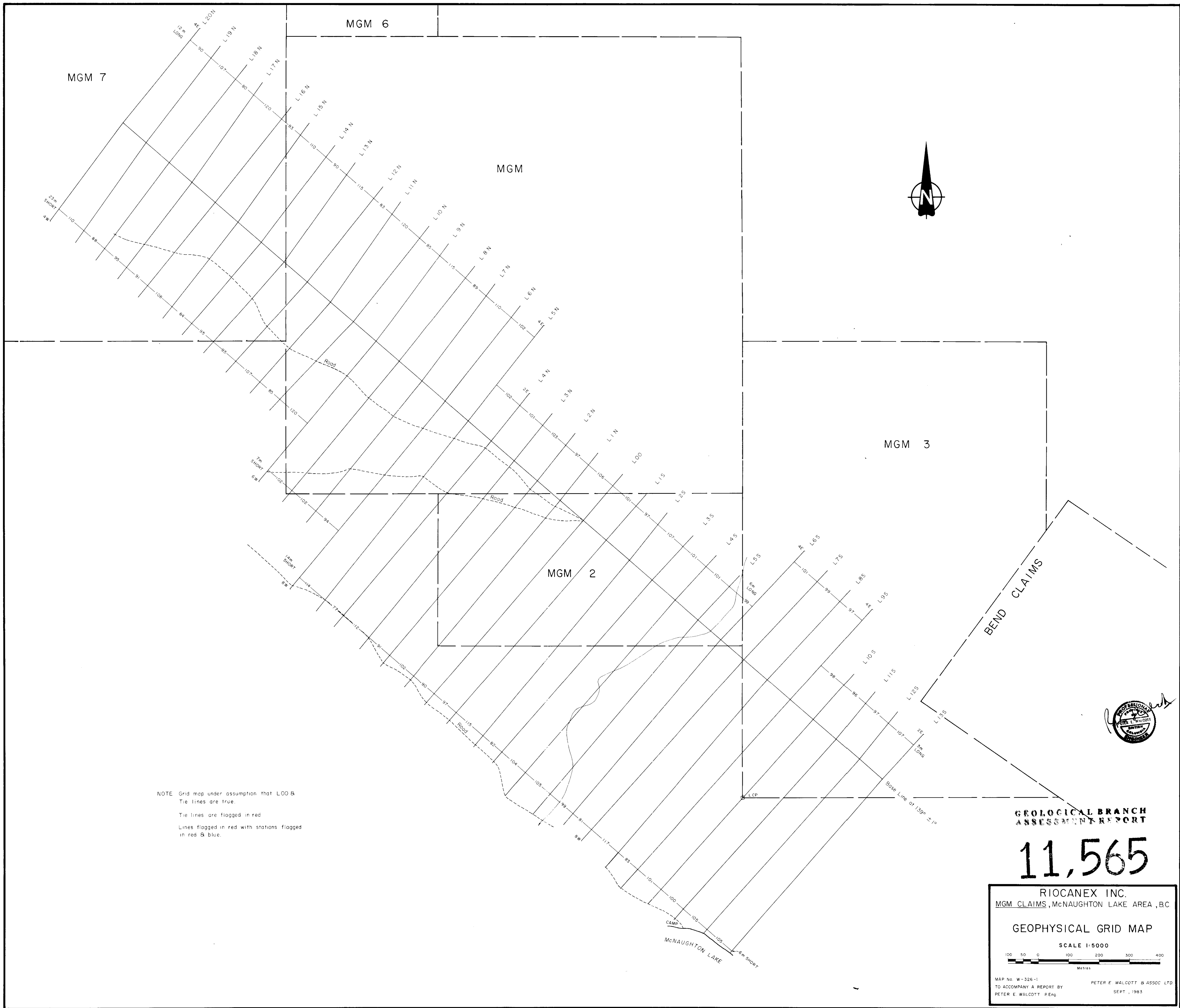
SCALE 1:5000

100 50 0 100 200 300 400
 Metres

MAP No. W-326-1
 TO ACCOMPANY A REPORT BY
 PETER E. WALCOTT P.Eng.

PETER E. WALCOTT & ASSOC. LTD.
 SEPT., 1983
 REVISED SEPT 30, 1983 CDS./r.w.r.

MGM 5



NOTE Grid map under assumption that L00 & Tie lines are true.
 Tie lines are flagged in red
 Lines flagged in red with stations flagged in red & blue.



GEOLOGICAL BRANCH ASSESSMENT REPORT

11,565

RIOCANEX INC.
 MGM CLAIMS, McNAUGHTON LAKE AREA, B.C.

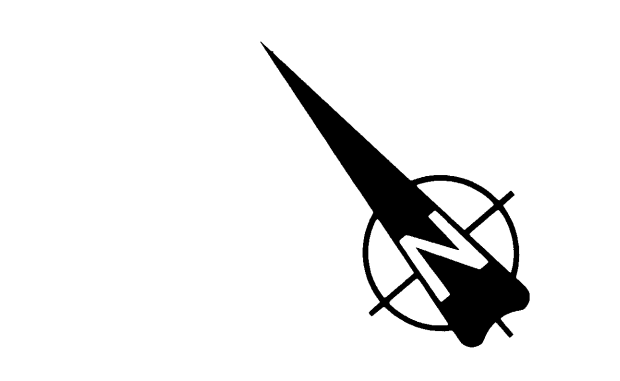
GEOPHYSICAL GRID MAP

SCALE 1:5000

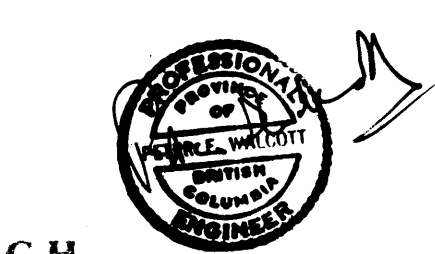
100 50 0 100 200 300 400
 Metres

MAP No. W-326-1
 TO ACCOMPANY A REPORT BY
 PETER E. WALCOTT P.Eng.

PETER E. WALCOTT & ASSOC. LTD.
 SEPT., 1985



LEGEND:
 INSTRUMENT: GSM-8 MAGNETOMETER
 NOTE: ALL THREE DIGIT GAMMA READINGS
 SHOULD BE PREFIXED WITH 58...

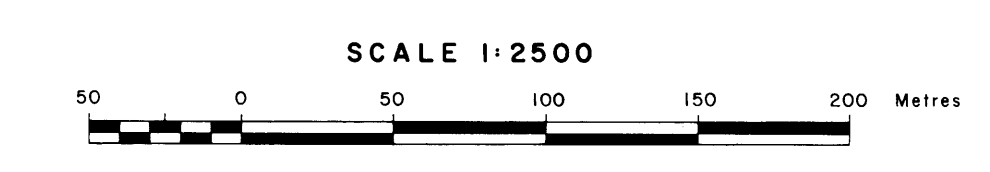


GEOLOGICAL BRANCH
 ASSOCIATION REPORT

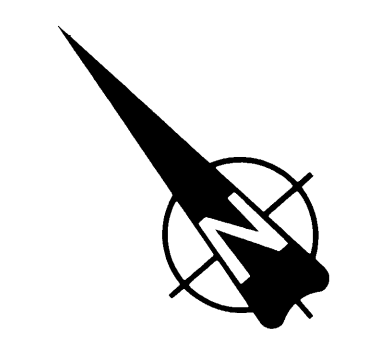
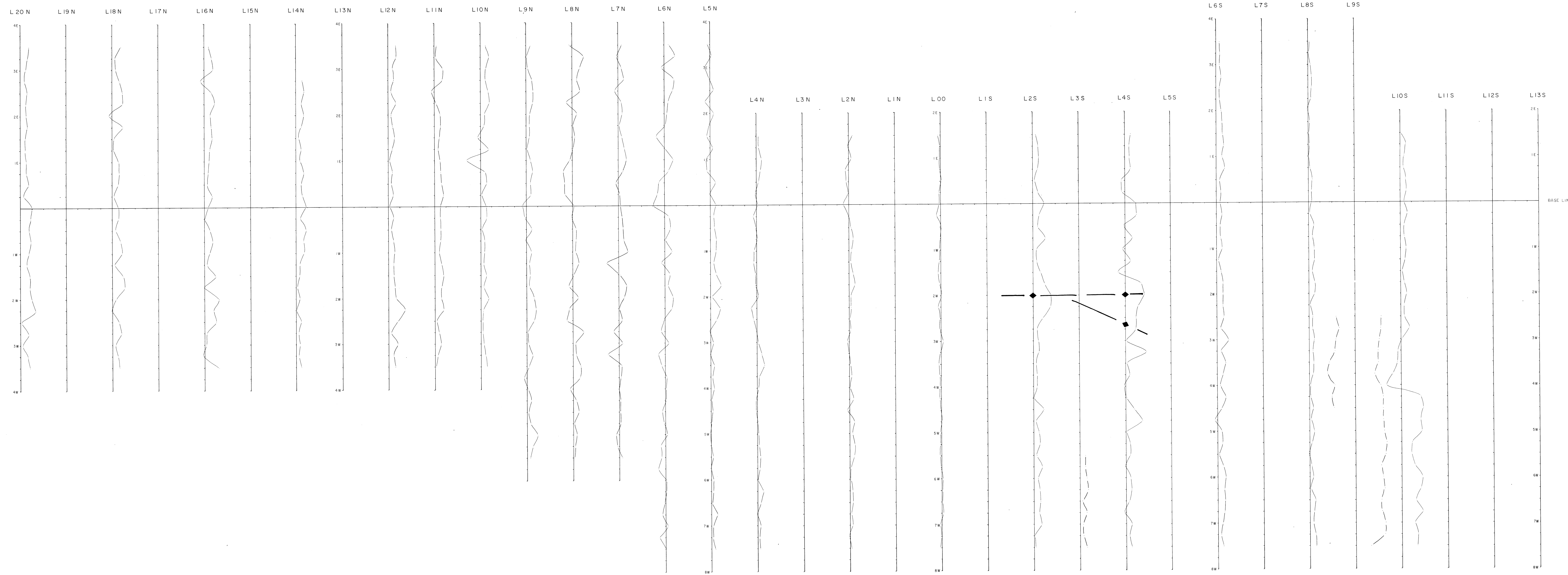
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RIOCANEX INC.
 MGM CLAIMS, McNAUGHTON LAKE AREA-BC

MAGNETOMETER CONTOURS



MAP No. W-326-2
 TO ACCOMPANY A REPORT BY
 PETER E. WALCOTT, P.Eng. PETER E. WALCOTT & ASSOC. LTD.



LEGEND:
 + 10% 0 -10%
 INSTRUMENT: SE-88 GENIE SYSTEM
 ◆ — ◆ CO-INDUCTOR AXIS

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

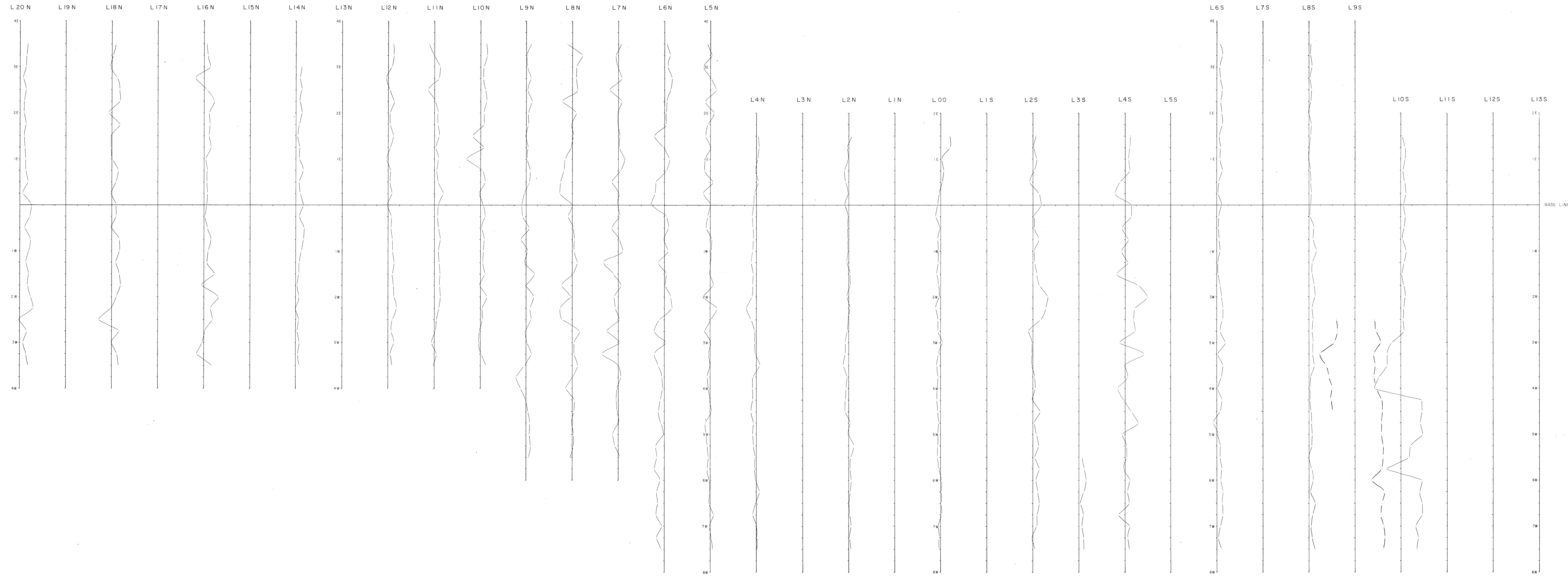
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RIOCANEX INC.
 MGM CLAIMS; McNAUGHTON LAKE AREA-BC.

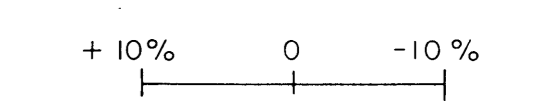
ELECTROMAGNETIC PROFILES
 FREQUENCY RATIO 1012.5 / 112.5
 a = 100m

SCALE 1:2500
 50 0 50 100 150 200 Metres

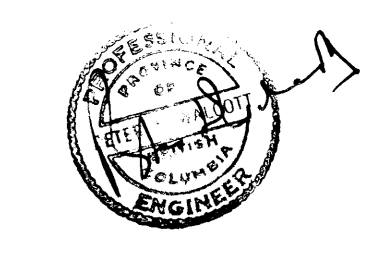
MAP No W-326-3
 TO ACCOMPANY A REPORT BY PETER E. WALCOTT & ASSOC. LTD.
 PETER E. WALCOTT, P. Eng.



LEGEND



INSTRUMENT: SE-88 GENIE SYSTEM

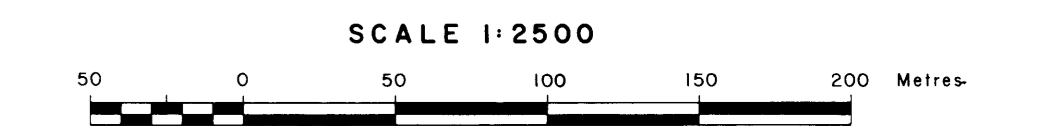


GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,565

RIOCANEX INC.
MGM CLAIMS, McNAUGHTON LAKE AREA-BC.

ELECTROMAGNETIC PROFILES
FREQUENCY RATIO 3037.5 / 112.5
a = 100 m



MAP No W-326-4
TO ACCOMPANY A REPORT BY
PETER E. WALCOTT, P. Eng. PETER E. WALCOTT & ASSOC. LTD.