MAP No.

115 O 14

ASSESSMENT REPORT	X	DOCUMENT NO.: 091753
PROSPECTUS		MINING DISTRICT: DAWSON
CONFIDENTIAL	X	
OPEN FILE		TYPE OF WORK: Geophysical

REPORT FILED UNDER: Arbor Resources Inc.

DATE PERFORMED: June 2 - Dec. 16, 1986 DATE FILED: 6 April 1987

LOCATION LAT.	63° 56'N	AREA: Adams Creek, Bonanza Creek
LONG.	139° 29'W	

CLAIM NAME & NO.

PLINC 1-68	YA84100-167
SYNDICATE 1-83	YA79198-280

VALUE $ 1,095.11	
WORK DONE BY:	P.E. Walcott & Associates Ltd.; Mark Mangement Ltd.
WORK DONE FOR:	Arbor Resources Inc.
DATE TO GOOD STANDING	REMARKS: #90 DAWSYND

PETER E. WALCOTT & ASSOC. LTD.

A REPORT

ON

MAGNETIC, ELECTROMAGNETIC AND INDUCED POLARIZATION SURVEYS

Dawson Area, Yukon Territory
63° 56'N, 139° 29'W
N.T.S. 115 O/14

Claims surveyed: PLINC 16,17,21,22
SYNDICATE 24,32

Survey Dates: June 2nd - December 16th, 1986

FOR

Operator: ARBOR RESOURCES INC.
Vancouver, B.C.

Owner: W. T. Dawson

by

PETER E. WALCOTT & ASSOCIATES LTD.
Vancouver, B.C.

FEBRUARY 1987

091753

GEOPHYSICAL SERVICES

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 1095.11 .

D J Emond

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

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ACCOMPANYING MAPS — MAP POCKET

INTRODUCTION.

Between June 2nd and December 16th, 1986, Mark Management Ltd. carried out magnetic and VLF electromagnetic surveying over part of a property, located in the Dawson area of the Yukon Territory, for Arbor Resources Inc.

Measurements of the total intensity of the earth's magnetic field were taken at 25 metre intervals along seven N40° E lines using a Geometrics G-816 proton magnetometer.

Readings of dip angle (% inphase) and quadrature were made every 25 metres along the grid lines using the navy transmitter station at Cutler, Maine as the VLF transmitter.

In addition Peter E. Walcott & Associates Limited undertook induced polarization surveying on these lines using the dipole-dipole technique between July 19th and 25th, 1986.

Measurements (first to fourth separation) of apparent chargeability - the I.P. response parameter - and resistivity were made with a 25 metre dipole.

The magnetic results are presented in contour form on a plan map of the line grid - Map W-393-8, while the E.M. data are presented as profile plots on Map W-393-10, and as contoured Fraser filter data on Map W-393-9 that accompany this report. The I.P. data are presented in pseudo-section form on individual line profiles bound in this report.

PROPERTY, LOCATION & ACCESS

The property is located in the Dawson Mining District of the Yukon Territory, and consists of the following claims:

CLAIM	GRANT NO.	ANNIVERSARY
PLINC 1-35	YA84100-134	July 3rd
PLINC 36-68	YA84135-167	July 9th
SYNDICATE 1-83	YA79198-280	Sept 15th

These are situated on the west side of Bonanza creek for the most between Adams and Boulder creeks some fourteen kilometres south of the town of Dawson.

Access is obtained by means of four wheel drive vehicle off the Bonanza-Eldorado creek road.

PREVIOUS WORK.

Work was first believed to have been carried out on the property during the Klondike gold rush of 1897-98, the colourful history of which has been documented by many.

Recently Arbor Resources Inc. conducted an airborne electromagnetic and magnetic survey, the results of which are documented in reports held by the company.

PURPOSE.

The purpose of the survey was to investigate the geophysical response of the base metal geochemical anomaly near the contact between the Klondike schists and the metagranodiorite to the west.

GEOLOGY.

General. The Klondike district was first mapped by Bostock (1942), and more recently by Metcalfe (1981) and Debicki (1985 and 1984). Bedrock in the Klondike area is generally grouped into five major units which are, from oldest to youngest, the Nasina Series, the Klondike Series, the Moosehide Assemblage, early Tertiary volcanics/volcanoclastics and Tertiary intrusives.

Rocks of the Nasina Series consist of graphitic schists, graphitic quartzites and siliceous marbles with minor chlorite schists and muscovite schists. These rocks have been metamorphosed to grades ranging from upper greenschist to middle amphibolite facies, and may represent metamorphosed outer shelf sediments of the ancient North American continent.

Most rocks exposed in the Klondike district predominently belong to the Klondike Series. These are quartzo-feldspathic schists containing varying amounts of chlorite, muscovite, and sericite. They have undergone upper greenschist to middle amphibolite grade metamorphism and at least four separate deformational events. This series appears to represent metamorphosed interbedded sediments and rhyolitic to andesitic tuffs. The contact betwewen schists of the Klondike series and graphitic schists of the Nasina series is sheared, and suggests that the Klondike series represents an allocthonous assemblage which has been thrust over Nasina shelf strata. To the west the Klondike schists are in contact with a blocky weathering, granitic textured, biotite-quartz-feldspar rock which does not appear as highly metamorphosed as the Klondike schists. Thin section studies of these rocks indicate that they were originally medium to coarse grained plutonic rocks of granodioritic to quartz diorite composition, and may represent the magmatic source for those tuffs now comprising the Klondike Series.

Structurally overlying rocks of the Klondike and Nasina series are occurrences of greenstone and altered ultramafics belonging to the Moosehide Assemblage. Included in the ultra-mafic unit are a great variety of rock types including massive, partially serpentinized peridotite (harzburgite), massive to sheared serpentinite, silicacarbonate altered serpentinite, and talc-carbonate schist. Massive greenstone and strongly altered,

fine to medium grained diabase are exposed in several steep bluffs in the vicinity of Dawson. These rocks are unfoliated and form part of a slab of greenstone and serpentinite that underlies the southwestern slope of the Midnight Dome east of Dawson. Occurrences of greenstone and ultramafic rocks are commonly found along the sheared contact between the Klondike and Nasina series rocks. They are thought to represent exotic slices of uncertain origin structurally emplaced during the thrust faulting.

Gently folded andesitic volcanics and clastic sediments are present in the Last Chance Creek area. These rocks were considered to be early Tertiary in age; however, recent work on similar rocks in the Indian River area suggests that these rocks are middle Cretaceous in age. Intrusive rocks are present as numerous dykes and sills ranging in nature from diabase to rhyolite. Larger Tertiary intrusive bodies are rare in the Klondike except for a rhyolite porphyry stock that outcrops along Hunker Creek. Isotopic dating (Debicki) indicates that the porphyry is approximately 50 to 60 million years old.

Plinc Grid. The "Plinc" grid overlies Klondike Series schists in contact with a metagranodiorite to the west. This appears to be a metamorphosed intrusive contact. Numerous foliaform quartz pods, the production of phlogopite, and an enrichment in base metal sulphides indicate that a degree of contact metamorphism occurred along this contact during intrusion.

SURVEY SPECIFICATIONS.

The magnetic survey was carried out using a G-816 proton precession magnetometer manufactured by EG & G Geometrics of Sunnyvale, California. This instrument measures variations in the earth's magnetic field to an accuracy of plus or minus 1 gamma. Corrections for diurnal variations were made by comparison with readings taken at five minute intervals throughout the day at a fixed base with a similar instrument.

The basic principle of any magnetic 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 VLF electromagnetic survey was carried out using an EM 16 unit manufactured by Geonics Limited of Metropolitan Toronto. This unit makes use of the VLF transmitting stations operating for communication with submarines for its transmitted signal - the vertical antenna currents create concentric horizontal magnetic fields - and measures the vertical components of the secondary fields created as above. These measurements were made at 25 metres along the grid lines.

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

The system consists basically of three units, a receiver (Huntec), a transmitter and a motor generator (Phoenix). The transmitter, which provides a maximum of 2.0 kw d.c. to the ground, obtains its power from a 2.0 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 measurements of the current (I) in amperes flowing through the current 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 (M_a) presented as a direct readout using a 200 millisecond delay and a 1000

millisecond sample window by the receiver, a digital instrument controlled by a microprocessor.

The apparent resistivity (P_a) in ohm metres is proportional to the ratio of the primary voltage and the measured 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 using the "dipole-dipole" electrode array. This electrode configuration and method of presenting the results are illustrated on the accompanying pseudo-sections. Depth penetration with this array is increased or decreased by increasing or decreasing "a" and/or "n".

In practise, the equipment is set up at a particular station of the line to be surveyed; three transmitting dipoles are laid out to the rear, measurements are made for all possible combinations of transmitting and receiving dipoles up to the fourth separation, i.e. "n" = 4; the equipment is then moved 3"a" metres along the line to the next set-up.

A 25 metre dipole was employed on this survey, and first to fourth separation readings were obtained at 25 metre intervals along the line.

In all some 6.3 kilometres of magnetic and VLF surveying and some 6.2 kilometres of induced polarization surveying were carried out using the above methods.

DISCUSSION OF RESULTS.

The results of the I.P. survey show rocks exhibiting background chargeabilities of 2 to 3 millivolts per volt and 7 to 8 millivolts per volt to underlie the grid on its western extremity and eastern side corresponding to metagranodiorite and Klondike schists respectively, although the background readings on Lines 0 to 1S were insufficiently substantiated due to lack of survey cover, with the assumed contact running northwesterly through the grid from circa 5W to Line 5S to 4 + 50W on Line 1N.

Between this contact and 2W on Line 5S to 2E on Line 0, and back to 1E on Line 1N lies a broad area of higher chargeability readings, apparent only on the larger separations on the most southerly lines.

Within this area three zones of higher chargeability can be observed trending across the grid or parts of the same from a perusal of the pseudosections.

The strongest and most westerly of these, as outlined by the 15 millivolt per volt contour, occurs at the above mentioned contact. As above its causative source does not appear to subcrop on the more southerly lines as evidenced by its detection only on the larger separations there.

The two other zones, smaller in size, are only clearly discernible on Lines 1 and 2S.

A strong resistivity high - most apparent on the smaller separations - is seen trending through the grid from circa 4W on Line 5S to 1 + 50W on Line 1N. This appears to be related to quartz veining. The widespread high resistivity readings across Line 1N are considered to be due to permafrost on a north facing slope.

A single dipole resistivity low of moderately low resistivity values is observed on the contact on Lines 2, 3, 4 & 5S respectively. This is not seen as a conductor on the VLF survey - Map W-393-9 & 10.

In fact no strong linear EM responses suggestive of faulting and/or substantial sulphide mineralization were obtained. The weak crossovers observed could be related to resistivity contrasts at the edges of the resistivity high

trending across the grid.

No significant contrast was observed between the two rock types - Map-393-8. A low intensity mag high, seen on Lines 1S, 0 and 1N respectively, over the I.P. anomaly with good small separation response, could be related to magnetite and/or pyrrhotite in the causative source of same, but would seem to indicate minor percent mineralization.

The other single line single station features would appear to be due to cultural sources.

SUMMARY AND CONCLUSIONS.

Between June 2nd and December 16th, 1986, Mark Management Ltd. and Peter E. Walcott & Associates Limited undertook limited magnetic, VLF electromagnetic and induced polarization surveying over part of a property in the Dawson area, Yukon Territory, optioned by Arbor Resources Inc..

The I.P. survey detected three zones of higher chargeability within a broader area of increased response at an intrusive contact that could be suggestive of contact metasomatic and/or hydrothermal mineralization.

The magnetic survey detected only slight magnetic activity to be associated with the strongest of these zones indicating the occurrence of only minor amounts of magnetite and/or pyrrhotite.

Diamong drilling investigation to date confirmed the presence of minor sulphide content in the above zones.

Further study of the geochemistry, geophysics and drill results to date should be undertaken before initiation of any more work on the claims.

Respectfully submitted,

PETER E. WALCOTT & ASSOCIATES LTD.

Peter E. Walcott, P.Eng.
Geophysicist

Vancouver, B.C.

February 1987

APPENDIX

AOR/KLA/DAW 1986
2 JUNE-16 DECEMBER 1986
GENERAL COSTS

FOOD & ACCOMMODATION, 121 MAN DAYS @ $23.98		$ 2,901.90
FIXED WING		2,041.52
SUPPLIES		2,559.81
FUEL		216.74
TELEPHONE SERVICES		236.22
FEES		945.96
SHIPPING		2,127.54
RENTALS		
AIRWAYS 4WD PU, 35 DAYS @ $43	$ 1,505.00	
AIRWAYS 4WD BLAZER, 35 DAYS @ $43	1,505.00	
EZEKIEL FIELD EQUIPMENT 121 MAN DAYS @ $6	726.00	3,736.00
DRAFTING		234.18
CONSULTANT FEES		
ARCHEAN ENGINEERING LTD.	$ 1,125.00	
ADDER EXPLORATION & DEVELOPMENT LTD.	4,675.18	5,800.18
TOTAL GENERAL COSTS		$ 20,800.05

LINE-CUTTING, FLAGGING, SURVEYING COST

SALARIES & WAGES		
P. GRUNENBERG, 5 DAYS @ $163.34	$ 816.70	
S. TOMLINSON, 6 DAYS @ $120.20	721.20	
J. BOSHER, 7 DAYS @ $115.39	807.73	
E. TIMOSHENKO, 3 DAYS @ $92.31	276.93	$ 2,622.56
BENEFITS @ 20%		524.51
CONTRACTOR		
COURIER DE BOIS LTD., 2 LKM		650.00
GENERAL COSTS APPORTIONED		
21/121 X $20,800.05		3,609.93
TOTAL LINE-CUTTING, FLAGGING, SURVEYING COST		$ 7,407.00

GEOCHEMICAL SURVEY COST

SALARIES & WAGES		
S. TOMLINSON, 2 DAYS @ $163.34	$ 326.68	
E. TIMOSHINKO, 2 DAYS @ $92.31	184.62	$ 511.30
BENEFITS @ 20%		102.26
ASSAYS & ANALYSES - CHEMEX LABS		
110 SOILS AU + 24-ELEMENT ICP @ $18.75		2,062.50
GENERAL COSTS APPORTIONED		
4/121 X $20,800.05		687.60
TOTAL GEOCHEMICAL SURVEY COST		$ 3,363.66

GEOPHYSICAL SURVEYS COST

SALARIES & WAGES		
P. GRUNENBERG, 9 DAYS @ $163.34	$ 1,470.06	
S. TOMLINSON, 7 DAYS @ $120.20	841.40	
J. BOSHER, 5 DAYS @ $115.39	576.95	
E. TIMOSHENKO, 7 DAYS @ $92.31	646.17	$ 3,534.58
BENEFITS @ 20%		706.92
RENTALS		
KANGELD PROTON MAGS 6 DAYS 2 @ $27	$ 324.00	
KANGELD EM-16 6 DAYS @ $27	162.00	486.00
CONTRACTORS		
P.E. WALCOTT & ASSOC. LTD.	$10,430.05	
AERODAT LTD.	28,750.00	$ 39,180.05
GENERAL COSTS APPORTIONED		
28/121 X $20,800.05		4,813.23
TOTAL GEOPHYSICAL SURVEYS COST		$ 48,720.78

DIAMOND DRILLING COST

SALARIES & WAGES		
P. GRUNENBERG, 26 DAYS @ $163.34	$ 4,246.84	
S. TOMLINSON, 10 DAYS @ $120.20	1,202.00	
J. BOSHER, 11 DAYS @ $115.39	1,269.29	
E. TIMOSHINKO, 10 DAYS @ $92.31	923.10	
W. SISSONS, 2 DAYS @ $120.20	240.40	$ 7,881.63
BENEFITS @ 20%		1,576.33
ARCTIC DIAMOND DRILLING LTD.		
2,285.5' @ $40.89		93,433.21

DIAMOND DRILLING COST CONT'D.

BALANCE FORWARDED		$ 93,433.21
ASSAYS & ANALYSES - CHEMEX LABS		
474 ROCKS FOR AU @ $17	$ 8,058.00	
371 ROCKS FOR AU @ $11.50	4,266.50	
845 PULP FOR 30-ELEMENT ICP @ $6.50	5,492.50	17,817.00
GENERAL COSTS APPORTIONED		
59/121 X $20,800.05		10,142.17
TOTAL DIAMOND DRILLING COST		$130,850.34

BULLDOZING COST

SALARIES & WAGES		
P. GRUNENBERG, 1 DAY	$ 163.34	
S. TOMLINSON, 4 DAYS @ $120.20	480.80	
J. BOSHER, 4 DAYS @ $92.31	369.24	$ 1,013.38
BENEFITS @ 20%		202.68
CONTRACTORS		
KLONDIKE TRANSPORT LTD.		$17,022.50
GENERAL COSTS APPORTIONED		
9/121 X $20,800.05		1,547.11
TOTAL BULLDOZING COST		$ 19,785.67

PERSONNEL EMPLOYED ON SURVEY.

NAME	OCCUPATION	ADDRESS	DATES
P. Grunenberg	Geologist	Mark Management Ltd. 1900 999 W. Hastings Vancouver, B.C.	June 2-Dec.16 1986
S. Tomlinson	"	"	"
J. Bosher	"	"	"
E. Timoshenko	"	"	"
R. Summerfield	Geophysical Operator	Peter E. Walcott & Assoc 605 Rutland Court, Coquitlam, B.C. V3J 3T8	July 19th to 25th, 1986
B. Summerfield	"	"	"
G. MacMillan	"	"	July 19th to 25th, 1986 Jan. 11th, 1987
V. Pashniak	"	"	Jan. 20th 1987
P. Walcott	Geophysicist	"	Aug. 20,86 Jan 24 & 25, 1987
J. Walcott	Typing	"	Feb. 15, 1987

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 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 Arbor Resources Inc.

Peter E. Walcott, P.Eng.

Vancouver, B.C.

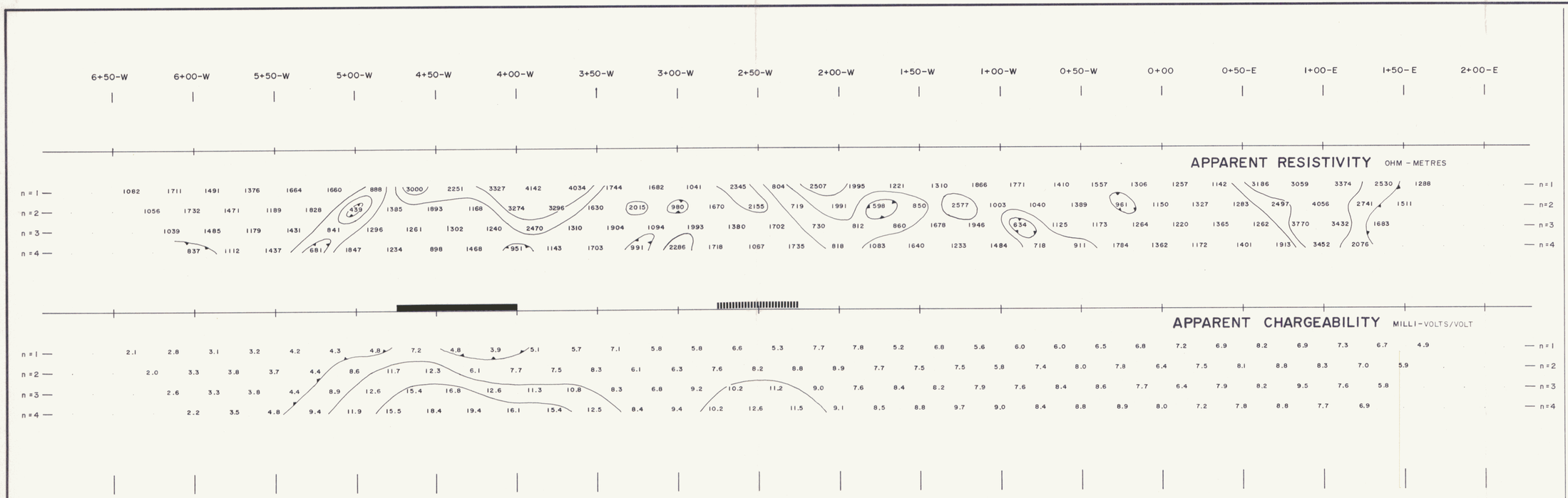
February 1987

I.P. PSEUDO-SECTIONS

Anomalous Zone

Possible Anomalous Zone

Zone open at both ends



ARBOR RESOURCES INC.

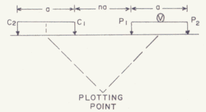
PLINC GRID
DAWSON AREA, Y.T.

LINE L.P.5 SOUTH

0 25 50 100 150
SCALE 1:1,250

INDUCED POLARIZATION SURVEY

DIPOLE – DIPOLE
ELECTRODE CONFIGURATION

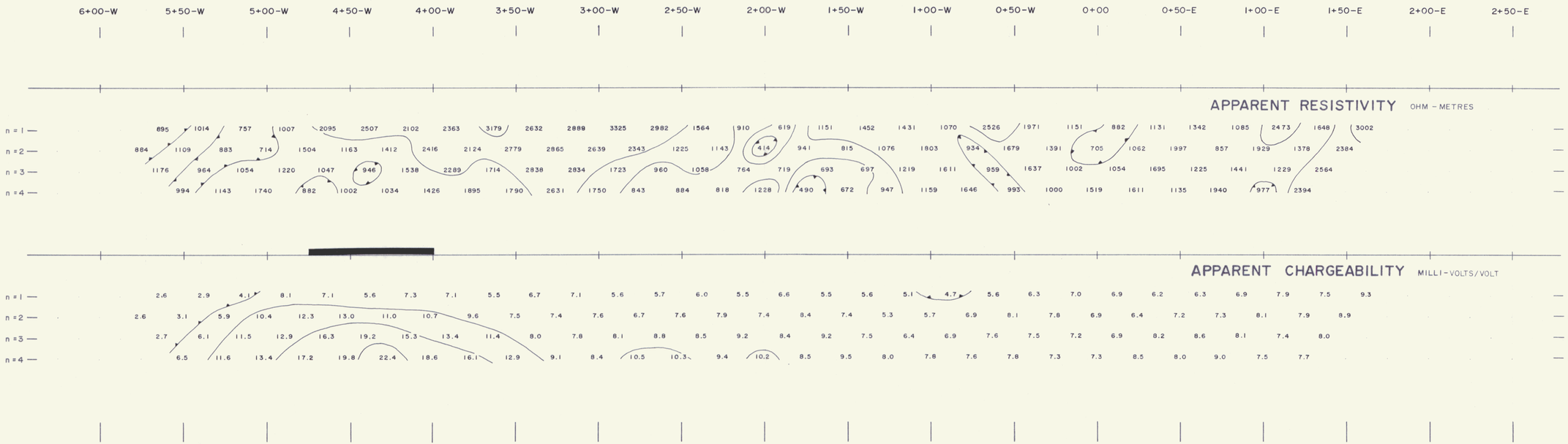


CURRENT ELECTRODE EAST OF POTENTIAL ELECTRODE
DIPOLE SEPARATION "a" – 25 METRES
TIME DELAY – 200 MILLI-SECONDS
SAMPLING TIME – 1000 MILLI-SECONDS
RECEIVER – HUNTEC MARK IV
TRANSMITTER – PHOENIX IPT1

CONTOUR INTERVAL
APPARENT RESISTIVITY – 500, 700, 1000, 2000, 3000, 5000, 7000, etc.
APPARENT CHARGEABILITY – 5, 10, 15, 20, etc.

SURVEY BY
PETER E. WALCOTT & ASSOC. LTD.
JULY – 1986

1471



ARBOR RESOURCES INC.

PLINC GRID
DAWSON AREA, Y.T.

LINE L.P.4 SOUTH

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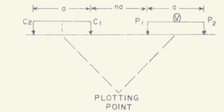
INDUCED POLARIZATION SURVEY

DIPOLE - DIPOLE
ELECTRODE CONFIGURATION



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APPARENT CHARGEABILITY - 5, 10, 15, 20, etc.

SURVEY BY
PETER E. WALCOTT & ASSOC. LTD.
JULY - 1986

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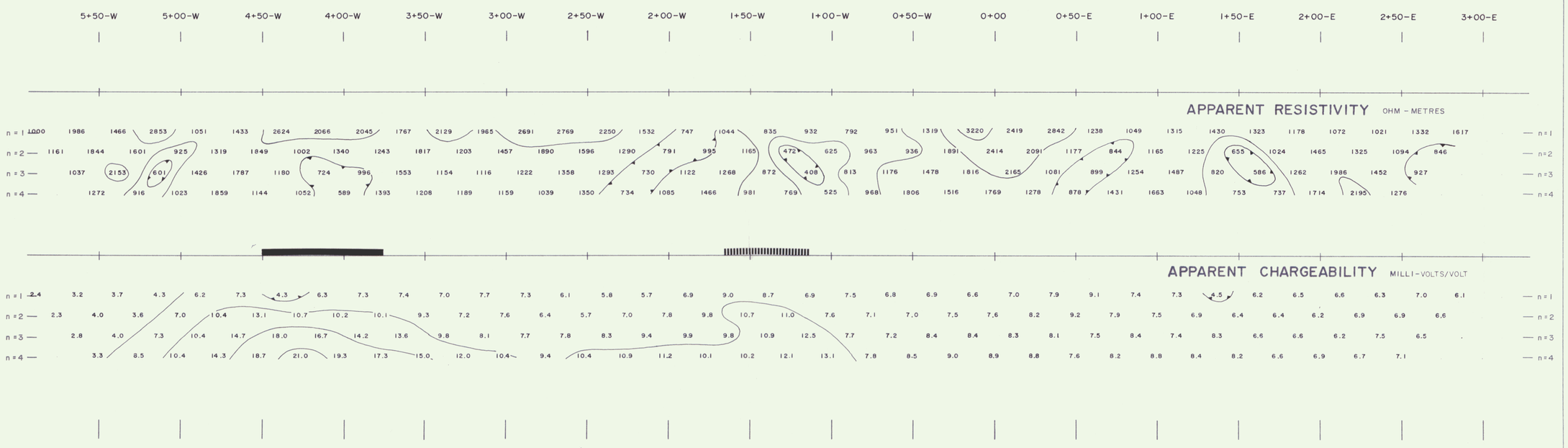


ARBOR RESOURCES INC.

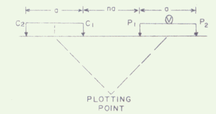
PLINC GRID
DAWSON AREA, Y.T.

LINE L.P.3 SOUTH

0 25 50 100 150
SCALE 1:1,250

INDUCED POLARIZATION SURVEY

DIPOLE - DIPOLE
ELECTRODE CONFIGURATION



CURRENT ELECTRODE **EAST** OF POTENTIAL ELECTRODE
DIPOLE SEPARATION "a" - **25** METRES
TIME DELAY - **200** MILLI-SECONDS
SAMPLING TIME - 1000 MILLI-SECONDS
RECEIVER - HUNTEC MARK IV
TRANSMITTER - PHOENIX IPT1

CONTOUR INTERVAL
APPARENT RESISTIVITY - 500, 700, 1000, 2000, 3000, 5000, 7000, etc.
APPARENT CHARGEABILITY - 5, 10, 15, 20, etc.

SURVEY BY
PETER E. WALCOTT & ASSOC. LTD.
JULY - 1986

(1473)

ARBOR RESOURCES INC.

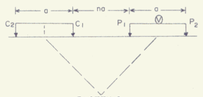
PLINC GRID
DAWSON AREA, Y.T.

LINE L.P.2 SOUTH

0 25 50 100 150
SCALE 1:1,250

INDUCED POLARIZATION SURVEY

DIPOLE - DIPOLE
ELECTRODE CONFIGURATION



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TIME DELAY - 200 MILLI-SECONDS
SAMPLING TIME - 1000 MILLI-SECONDS
RECEIVER - HUNTEC MARK IV
TRANSMITTER - PHOENIX IPT1

CONTOUR INTERVAL
APPARENT RESISTIVITY - 500, 700, 1000, 2000, 3000, 5000, etc.
APPARENT CHARGEABILITY - 5, 10, 15, 20, 25, etc.

SURVEY BY
PETER E. WALCOTT & ASSOC. LTD.
JULY - 1986

1-176

ARBOR RESOURCES INC.

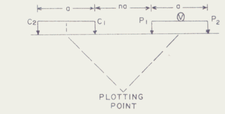
PLINC GRID
DAWSON AREA, Y.T.

LINE L.P.1 SOUTH

0 25 50 100 150
SCALE 1:1,250

INDUCED POLARIZATION SURVEY

DIPOLE - DIPOLE
ELECTRODE CONFIGURATION



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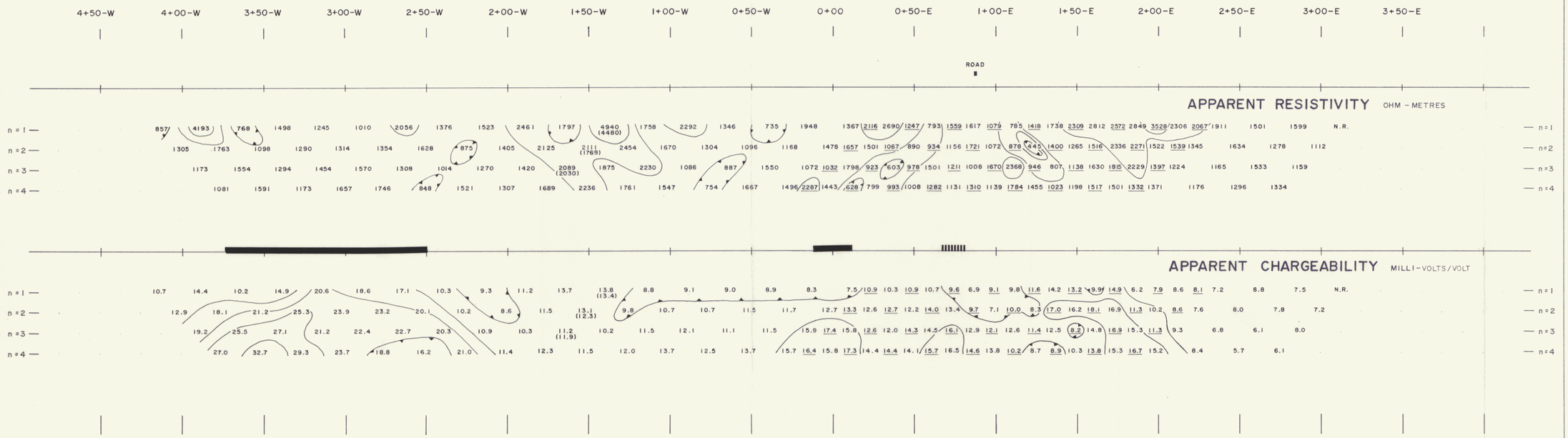
APPARENT CHARGEABILITY - 5, 10, 15, 20, 25, 30, etc.

SURVEY BY
PETER E. WALCOTT & ASSOC. LTD.
JULY - 1986

1475



ARBOR RESOURCES INC.

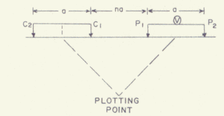
PLINC GRID
DAWSON AREA, Y.T.

LINE L.P.0

0 25 50 100 150
SCALE 1:1,250

INDUCED POLARIZATION SURVEY

DIPOLE - DIPOLE
ELECTRODE CONFIGURATION



CURRENT ELECTRODE **EAST** OF POTENTIAL ELECTRODE
DIPOLE SEPARATION "a" - 25 METRES
TIME DELAY - 200 MILLI-SECONDS
SAMPLING TIME - 1000 MILLI-SECONDS
RECEIVER - HUNTEC MARK IV
TRANSMITTER - PHOENIX IPT1

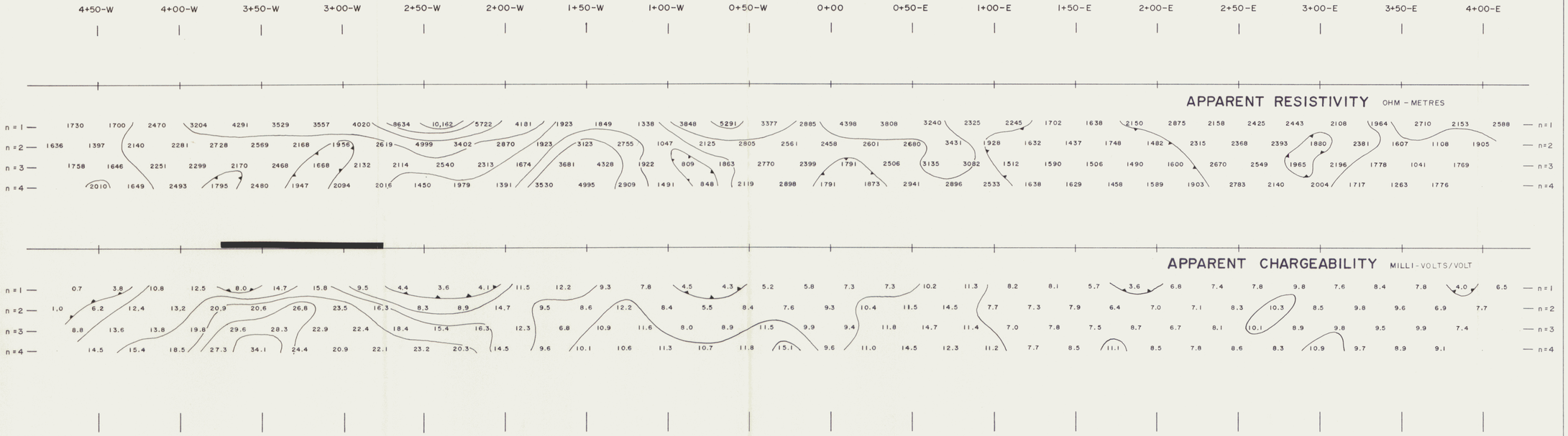
CONTOUR INTERVAL

APPARENT RESISTIVITY - 500, 700, 1000, 2000, 3000, 5000, etc.

APPARENT CHARGEABILITY - 5, 10, 15, 20, 25, etc.

SURVEY BY
PETER E. WALCOTT & ASSOC. LTD.
JULY - 1986

(1476)



ARBOR RESOURCES INC.

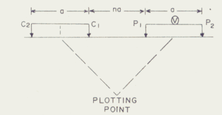
PLINC GRID
DAWSON AREA, Y.T.

LINE L.P. 1 NORTH

0 25 50 100 150
SCALE 1:1,250

INDUCED POLARIZATION SURVEY

DIPOLE – DIPOLE
ELECTRODE CONFIGURATION



CURRENT ELECTRODE EAST OF POTENTIAL ELECTRODE
DIPOLE SEPARATION "a" – 25 METRES
TIME DELAY – 200 MILLI-SECONDS
SAMPLING TIME – 1000 MILLI-SECONDS
RECEIVER – HUNTEC MARK IV
TRANSMITTER – PHOENIX IPT1

CONTOUR INTERVAL

APPARENT RESISTIVITY – 500, 700, 1000, 2000, 3000, 5000, 7000, etc.

APPARENT CHARGEABILITY – 5, 10, 15, 20, 25, 30, etc.

SURVEY BY
PETER E. WALCOTT & ASSOC. LTD.
JULY – 1986

(477)

DAWSON SYNDICATE (1983) EXPLORATION

LIMITED PARTNERSHIP

DAWSON M.D., Y.T. NTS 115-O-14 & 116-B-3

GRID & CLAIM LOCATION MAP

500 0 500 1000 1500 METRES SCALE 1:50,000

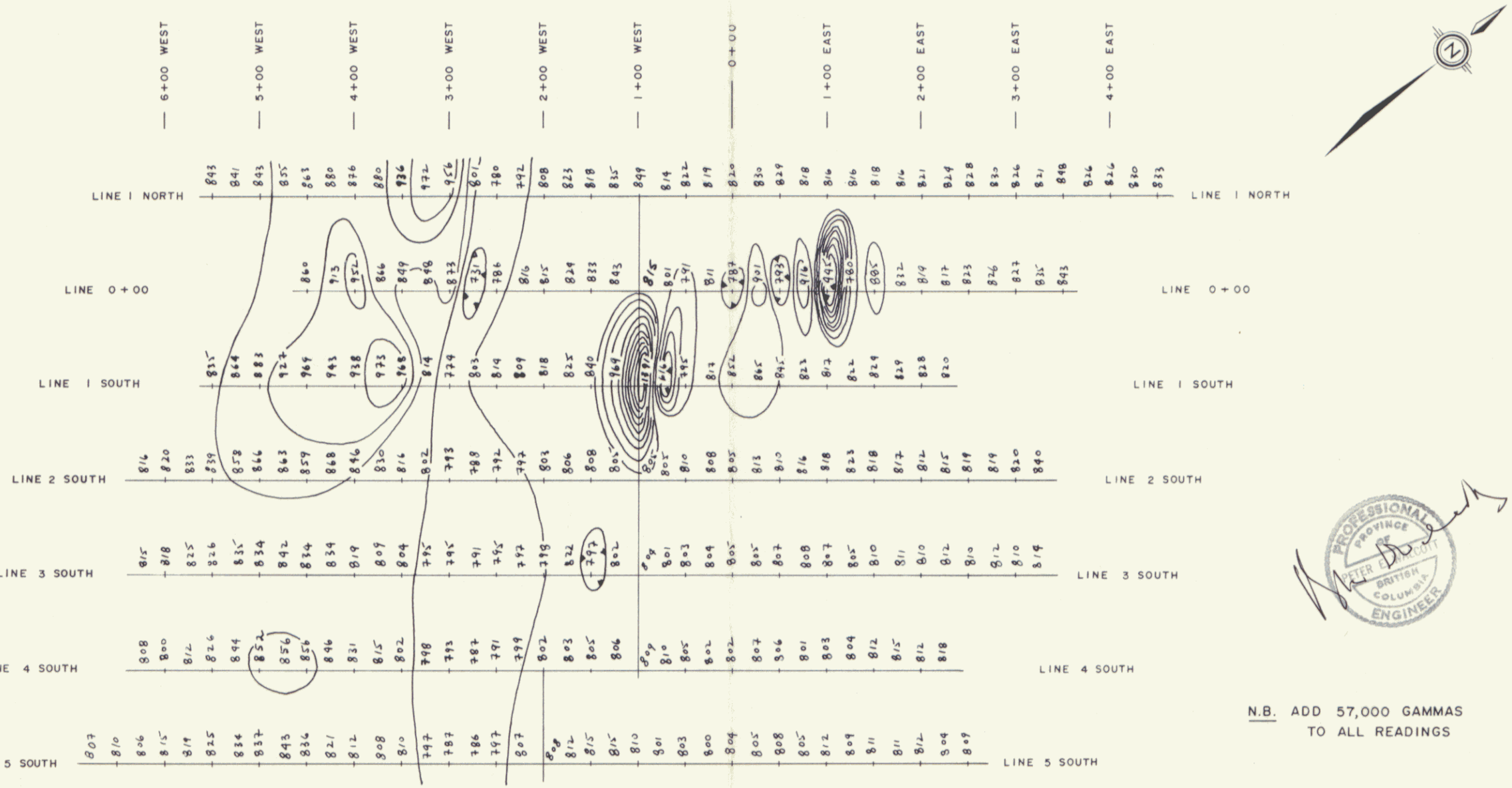
BY: S.E. / n.kc, r.w.r

DATE: OCT 16, 1985 REVISED 21 NOV 1986 FIGURE ____

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA PETER E. WALCH

091753

1478



N.B. ADD 57,000 GAMMAS
TO ALL READINGS

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
PETER E. MARCOTT

ARBOR RESOURCES INC.

PLINC GRID ; DAWSON AREA, Y.T.

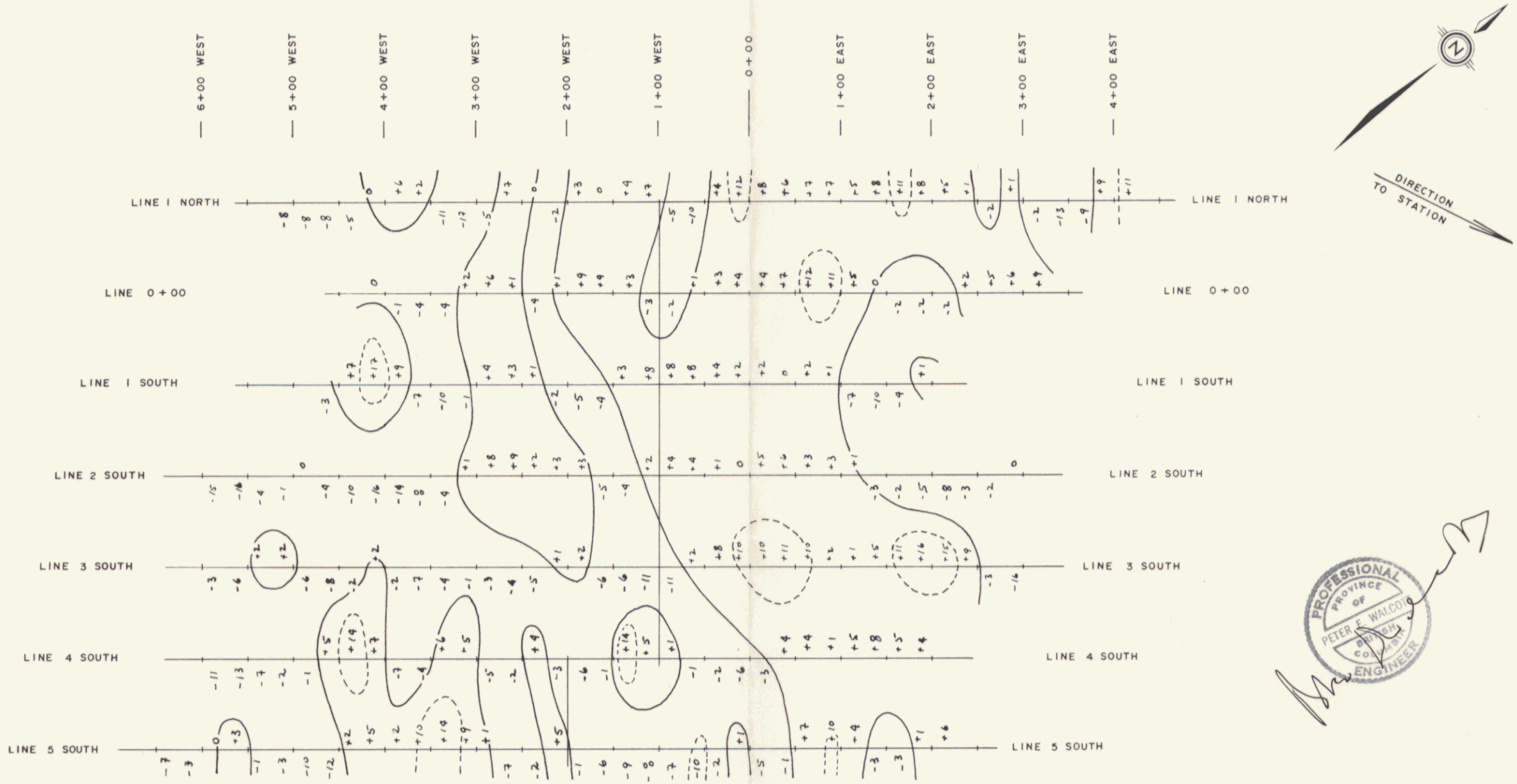
MAGNETOMETER SURVEY

CONTOURS OF TOTAL FIELD INTENSITY
(IN GAMMAS)

SCALE 1:5,000

MAP No. W-393-8 **091753** JULY-AUG.-1986

1478



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
PETER E. WALCOTT

ARBOR RESOURCES INC.

PLINC GRID ; DAWSON AREA, Y.T.

E.M. 16 - VLF

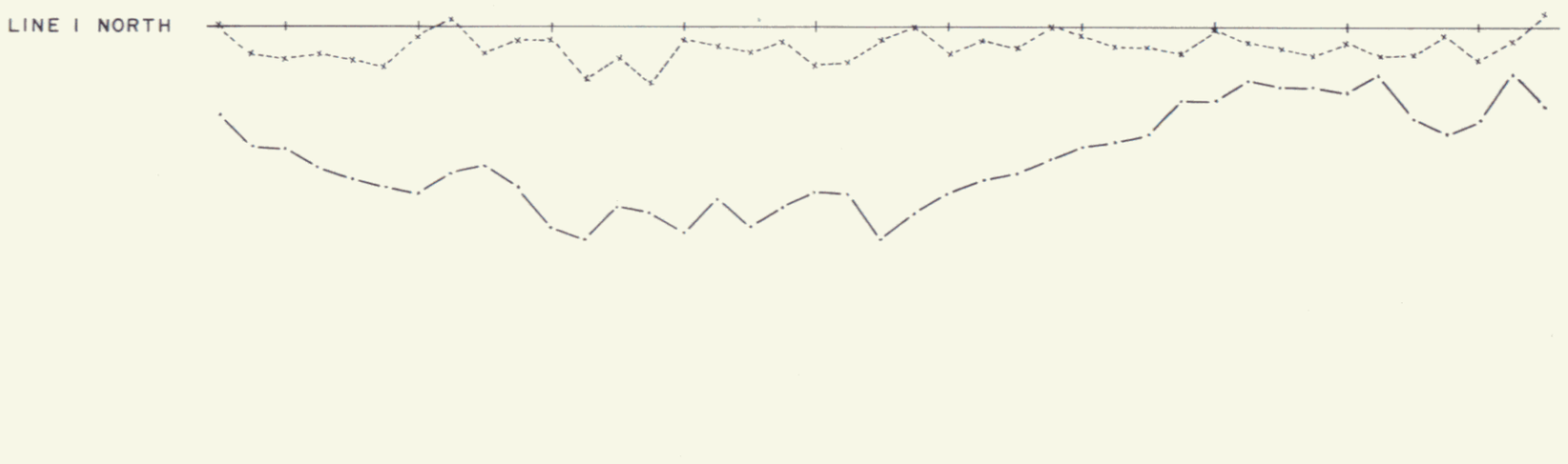
ELECTROMAGNETIC SURVEY

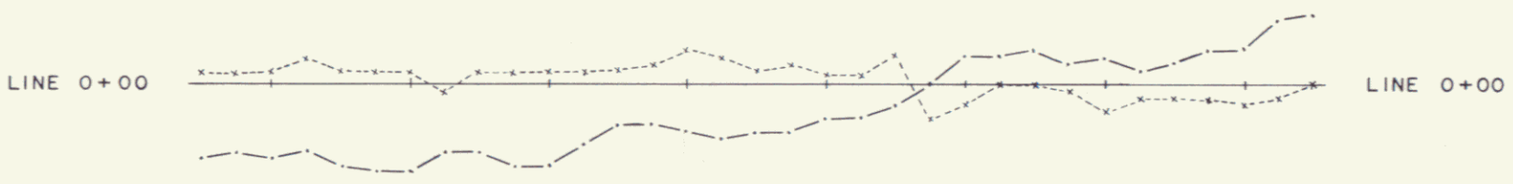
CONTOURS OF FRASER FILTER IN-PHASE DATA

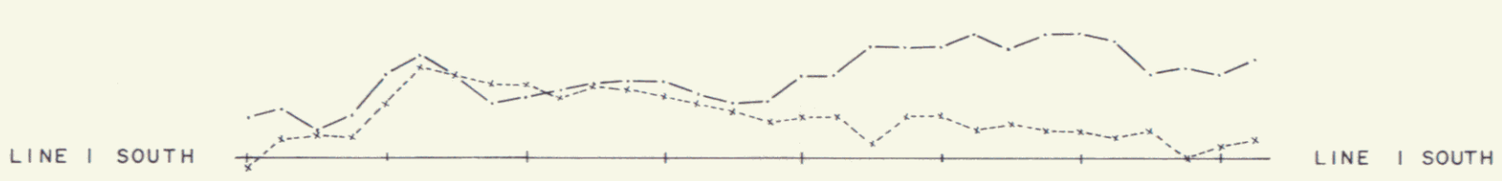
SCALE 1:5,000

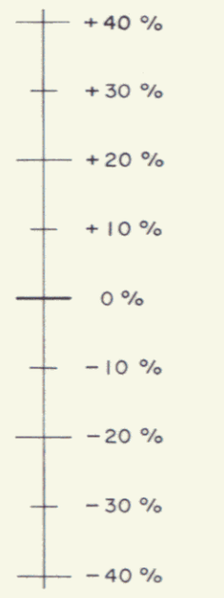
MAP No. W-393-9 091753 JULY-AUG.-1986

7+00 WEST | 6+00 WEST | 5+00 WEST | 4+00 WEST | 3+00 WEST | 2+00 WEST | 1+00 WEST | BASE – LINE | 1+00 EAST | 2+00 EAST | 3+00 EAST | 4+00 EAST

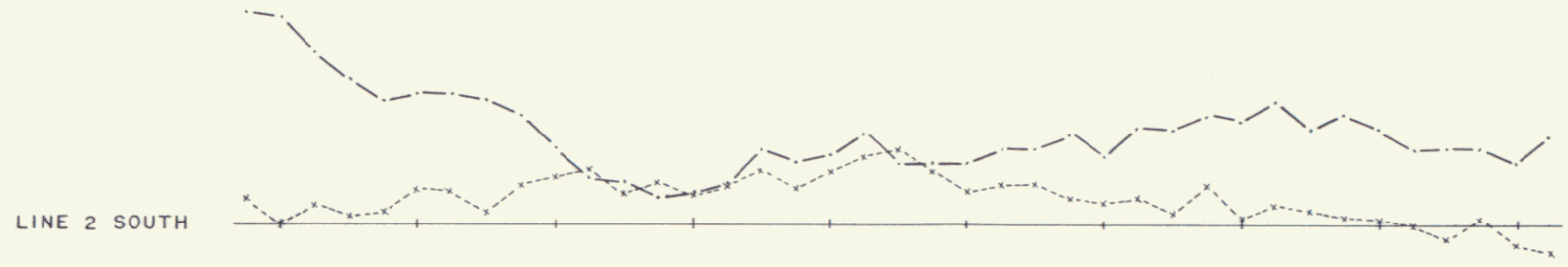


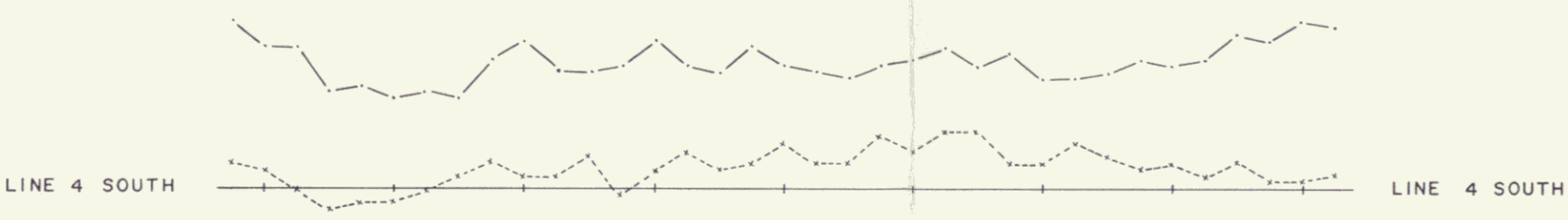




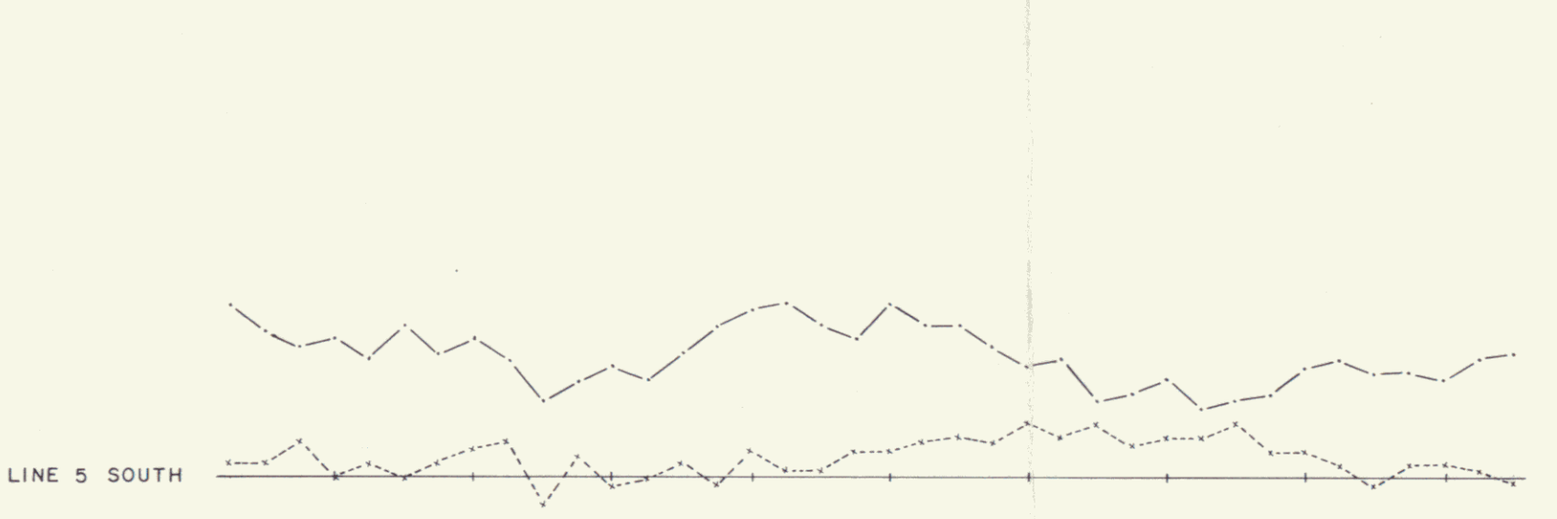


IN-PHASE ·—·—·—·—·
QUADRATURE ×---×---×---×





N.B. – DISTANCE BETWEEN THE LINES IS NOT TO SCALE.



7+00 WEST | 6+00 WEST | 5+00 WEST | 4+00 WEST | 3+00 WEST | 2+00 WEST | 1+00 WEST | BASE – LINE | 1+00 EAST | 2+00 EAST

1479

ARBOR RESOURCES INC.

PLINC GRID ; DAWSON AREA, Y.T.

E.M. 16 – VLF

ELECTROMAGNETIC SURVEY

PROFILES OF IN-PHASE & QUADRATURE READINGS

SCALE 1:5,000

MAP No. W-393-10

091753

JULY – AUG – 1986