MAP No.	ASSESSMENT REPORT	X	DOCUMENT NO.:	091752
	PROSPECTUS		MINING DISTRICT:	DAWSON
	CONFIDENTIAL	X		
115 O 14	OPEN FILE		TYPE OF WORK:	Geophysical

REPORT FILED UNDER: Arbor Resources Inc.

DATE PERFORMED: June 2 - Dec. 16, 1986 DATE FILED: 24 April 1987

LOCATION			AREA: Eldorado Creek
	LAT.	63° 54'N	
	LONG.	139° 19'W	

CLAIM NAME & NO. RON 1-35 YA10300-339

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

PETER E. WALCOTT & ASSOC. LTD.

OFFICE OF THE REGIONAL MANAGER
MINERAL RIGHTS
APR 24 1987
WHITEHORSE
YUKON TERRITORY

A REPORT

ON

MAGNETIC AND ELECTROMAGNETIC SURVEYS

Dawson Area, Yukon Territory
63° 54'N, 139° 19'W
N.T.S. 115 O/14

Claims surveyed: RON 17-22

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

FOR

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

Owner: Dawson Eldorado Ltd.

by

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

FEBRUARY 1987

09 1 7 5

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 $ 27,377.78.

D J Emond

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

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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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 six N15° W 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.

The magnetic results are presented in contour form on a plan map of the line grid - Map W-393-15, while the E.M. data are presented as contoured Fraser filter data on Map W-393-16 that accompany 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
RON 1-35	YA10300-339	Dec. 3rd

These are situated straddling and on the west side of Eldorado creek around French Gulch some nineteen 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.

The writer is unaware of any recent work carried out by Dawson Eldorado Ltd, the owner of the claims.

PURPOSE.

The purpose of the survey was to study the VLF and magnetic responses west of the area where drilling had indicated interbedded graphite horizons in the schists and magnetite bearing diabase dykes.

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.

French Gulch Grid. The "French Gulch" grid overlies interbedded graphitic and muscovite schists, and muscovitic quartzites, of the Klondike Series. Diamond drilling within French Gulch intersected several clayey shear zones which parallel Eldorado creek, and are likely part of the fault system underlying Bonanza and Eldorado creeks. Drilling also intersected several magnetite bearing diabase dykes of the same orientation as the above shears.

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 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 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.

In all some 3.0 kilometres of magnetic and VLF surveying were carried out using the above methods.

DISCUSSION OF RESULTS.

The VLF survey showed the presence of a large conductive zone trending across the grid, the individual axes of which are shown on Map W-393-16.

These are presumably due to graphitic horizons in the underlying schists.

The magnetic survey - Map W-393-15 - showed the area to exhibit relatively flat magnetic relief, with the exception of a broad area of low magnetic intensity in the northeast corner.This feature could represent a diabase dyke(s) trending at a small angle to the lines as per parallel structures on the "Main" grid - diabase dykes there exhibit negative magnetic anomalies - but cross lines would have to be run in a perpendicular direction to confirm this.

SUMMARY AND CONCLUSIONS.

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

The VLF survey suggested the occurrence of a broad zone of graphitic material trending across the grid, the existence of which is known from drilling to the immediate east in French Gulch.

The magnetic survey located the presence of a broad low intensity low apparently trending parallel to the lines on the east side of the grid.

The writer suspects that this represents the expression of a small diabase dyke(s) striking subparallel to the lines as per similar dykes on the "Main" grid to the east, but coverage on lines running in a perpendicular direction would be needed to confirm this.

Respectfully submitted,

PETER E. WALCOTT & ASSOCIATES LTD.

Peter E. Walcott, P.Eng.
Geophysicist

Vancouver, B.C.

February 1987

A P P E N D I X

AOR/DEL 1986
2 JUNE-16 DEC
GENERAL COSTS

FOOD & ACCOMMODATION, 331 MAN DAYS @ $27.58		$ 9,128.12
FIXED WING		2,482.60
SUPPLIES		4,996.34
FUEL		2,545.49
TELEPHONE SERVICES		411.24
FEES		1,395.17
SHIPPING		4,674.02
RENTALS		
AIRWAYS 4WD PU, 95 DAYS @ $43	$ 4,085.00	
AIRWAYS 4WD BLAZER, 96 DAYS @ $43	4,128.00	
EZEKIEL FIELD EQUIPMENT 348 MAN DAYS @ $6	2,088.00	10,301.00
MAINTENANCE		167.90
DRAFTING		1,289.81
CONSULTANT FEES		
ARCHEAN ENGINEERING LTD.	$ 9,375.00	
ADDER EXPLORATION & DEVELOPMENT LTD.	5,932.79	15,307.79
TOTAL GENERAL COSTS		$ 52,699.48

LINE-CUTTING, FLAGGING, SURVEYING COST

SALARIES & WAGES		
P. GRUNENBERG, 7 DAYS @ $163.34	$ 1,143.38	
S. TOMLINSON, 17 DAYS @ $120.20	2,043.40	
J. BOSHER, 10 DAYS @ $115.39	1,153.90	
E. TIMOSHENKO, 12 DAYS @ $92.31	1,107.72	$ 5,448.40
BENEFITS @ 20%		1,089.68
CONTRACTOR		
COURIER DE BOIS LTD., 19.33 LKM		2,882.25
GENERAL COSTS APPORTIONED		
46/331 X $52,699.48		7,323.79
TOTAL LINE-CUTTING, FLAGGING, SURVEYING COST		$ 16,744.12

GEOCHEMICAL SURVEY COST

SALARIES & WAGES		
S. TOMLINSON, 3 DAYS @ $120.20	$ 360.60	
J. BOSHER, 2 DAYS @ $115.39	230.78	
E. TIMOSHINKO, 4 DAYS @ $92.31	369.24	$ 960.62
BENEFITS @ 20%		192.12
ASSAYS & ANALYSES - CHEMEX LABS		
126 SOILS FOR AU & 30-ELEMENT ICP		1,921.50
GENERAL COSTS APPORTIONED		
9/331 X $52,699.48		1,432.91
TOTAL GEOCHEMICAL SURVEY COST		$ 4,507.15

GEOPHYSICAL SURVEYS COST

SALARIES & WAGES		
S. TOMLINSON, 2 DAYS @ $120.20	$ 240.40	
J. BOSHER, 5 DAYS @ $115.39	576.95	
E. TIMOSHENKO, 1 DAYS @ $92.31	92.31	$ 909.66
BENEFITS		181.93
RENTALS		
KANGELD PROTON MAGS 10 DAYS 2 @ $27	$ 540.00	
KANGELD EM-16 10 DAYS @ $27	270.00	810.00
CONTRACTOR-GROUND SURVEYS		
P.E. WALCOTT & ASSOC. LTD.		46,630.92
CONTRACTOR-AIRBORNE SURVEYS		
AERODAT LIMITED		57,500.00
GENERAL COSTS APPORTIONED		
8/331 X $52,699.48		1,273.70
TOTAL GEOPHYSICAL SURVEYS COST		$107,306.21

DIAMOND DRILLING COST

SALARIES & WAGES		
P. GRUNENBERG, 66 DAYS @ $163.34	$10,780.44	
S. TOMLINSON, 53 DAYS @ $120.20	6,370.60	
J. BOSHER, 59 DAYS @ $115.39	6,808.01	
E. TIMOSHINKO, 64 DAYS @ $92.31	5,907.84	
W. SISSONS, 11 DAYS @ $120.20	1,322.20	$ 31,189.09
BENEFITS @ 20%		6,237.82
ARCTIC DIAMOND DRILLING LTD.		
8,514.5' @ $47.10		401,032.67

DIAMOND DRILLING COST CONT'D.

BALANCE FORWARDED		401,032.67
ASSAYS & ANALYSES - CHEMEX LABS		
893 ROCK FOR AU @ $17	$15,181.00	
440 ROCK FOR AU @ $11.50	5,060.00	
1333 PULP FOR 30-ELEMENT ICP @ $6.50	8,664.50	28,905.50
WATER TRUCK		
GEOFF BARRINGTON		
GENERAL COSTS APPORTIONED		
253/331 X $52,699.48		40,280.87
TOTAL DIAMOND DRILLING COST		$510,373.95

BULLDOZING COST

SALARIES & WAGES		
P. GRUNENBERG, 10 DAYS @ $163.34	$ 1,633.40	
S. TOMLINSON, 5 DAYS @ $120.20	601.00	$ 2,234.40
BENEFITS @ 20%		446.88
CONTRACTORS		
WAYNE HAWK	$ 8,855.00	
KIESAN DAUNT	905.00	
JAMES ARCHIBALD	160.00	
KLONDIKE TRANSPORT	3,517.50	
GILLESPIE ENTERPRISES	7,770.83	21,208.33
GENERAL COSTS APPORTIONED		
15/331 X $52,699.48		2,388.19
TOTAL BULLDOZING COST		$ 26,277.80

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	"	"	"
G. Macmillan	Draughting	Peter E. Walcott & Assoc 605 Rutland Court, Coquitlam, B.C. V3J 3T8	Jan. 4th 1987
V. Pashniak	"	"	Jan. 5th 1987
P. Walcott	Geophysicist	"	Jan. 25th 1987
J. Walcott	Typing	"	Feb. 8th 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 four years.

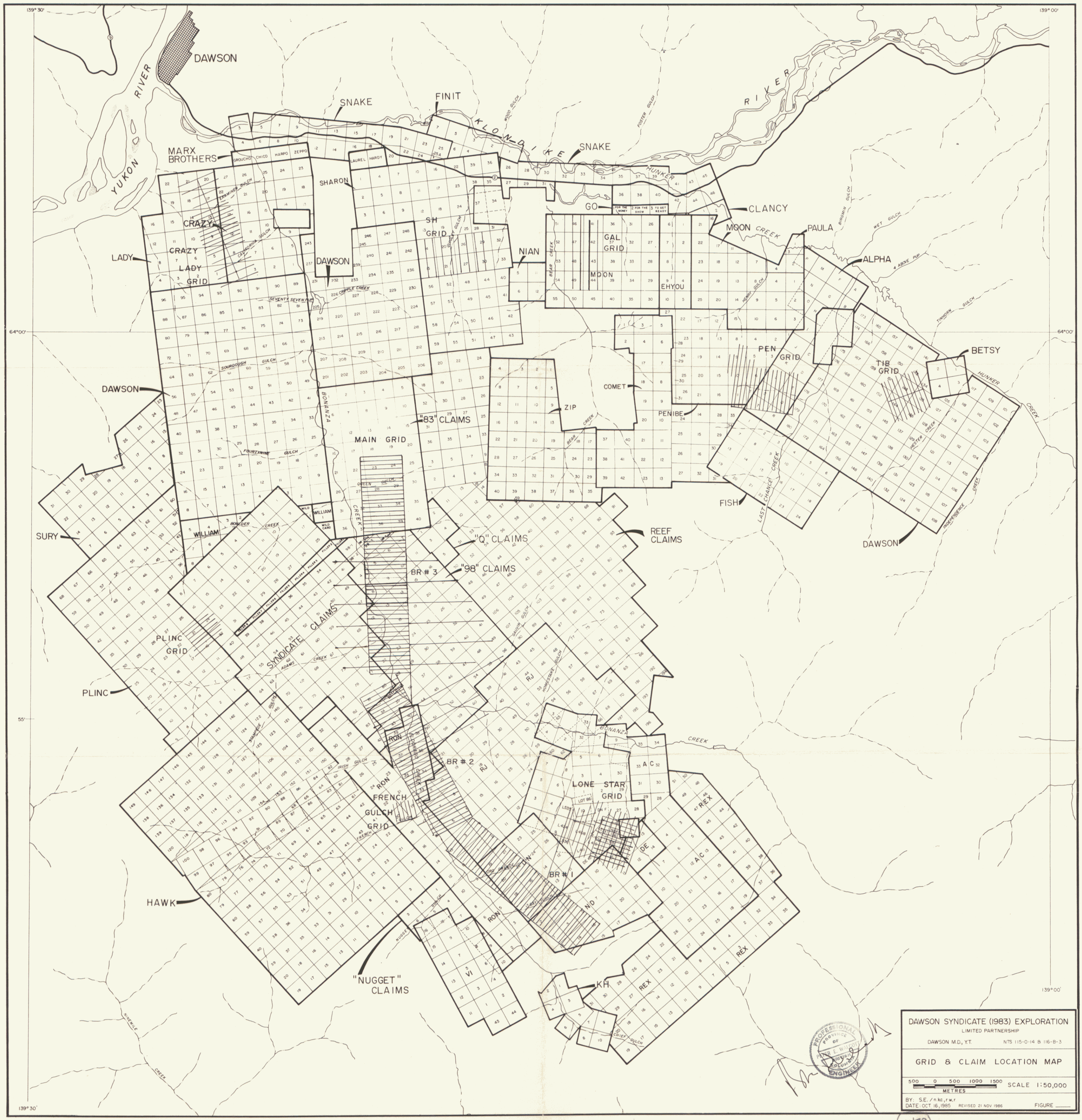
3. I am a member of the Association of Professional Engineers of British Columbia and Ontario.

4. I hold no interest, direct or indirect, in the securities or properties of Arbor Resources Inc.

Peter E. Walcott, P.Eng.

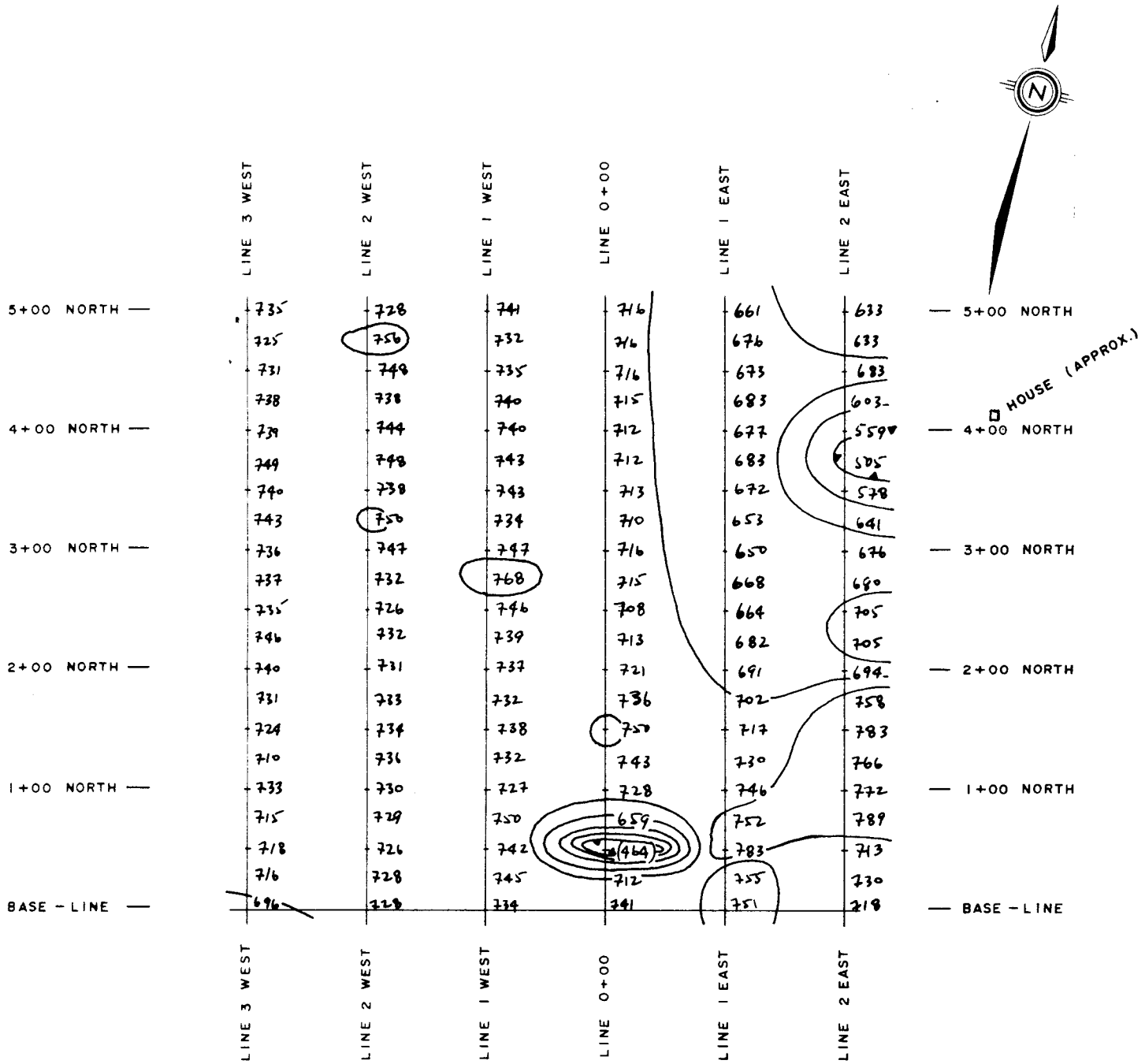
Vancouver, B.C.

February 1987


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
DAWSON
YUKON RIVER
KLONDIKE RIVER
SNAKE
FINIT
MARX BROTHERS
GROUCHO
CHICO
HARPO
ZEPPO
LAUREL
HARDY
SHARON
CRAZY
CRAZY LADY GRID
LADY
DAWSON
SH GRID
NIAN
GO
CLANCY
MOON CREEK
PAULA
GAL GRID
MOON
EHYOU
ALPHA
PEN GRID
TIB GRID
BETSY
COMET
ZIP
PENIBE
FISH
"83" CLAIMS
MAIN GRID
WILLIAM
SURY
"Q" CLAIMS
REEF CLAIMS
BR # 3
"98" CLAIMS
SYNDICATE CLAIMS
PLINC GRID
PLINC
RJ
RON
BR # 2
LONE STAR GRID
AC
REX
FRENCH GULCH GRID
BR # 1
DE
ND
HAWK
"NUGGET" CLAIMS
VI
KH
139° 30'
139° 00'
64° 00'
55'

1470

091752



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

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA PETER

ARBOR RESOURCES INC.

FRENCH GULCH GRID ; DAWSON AREA , Y.T.

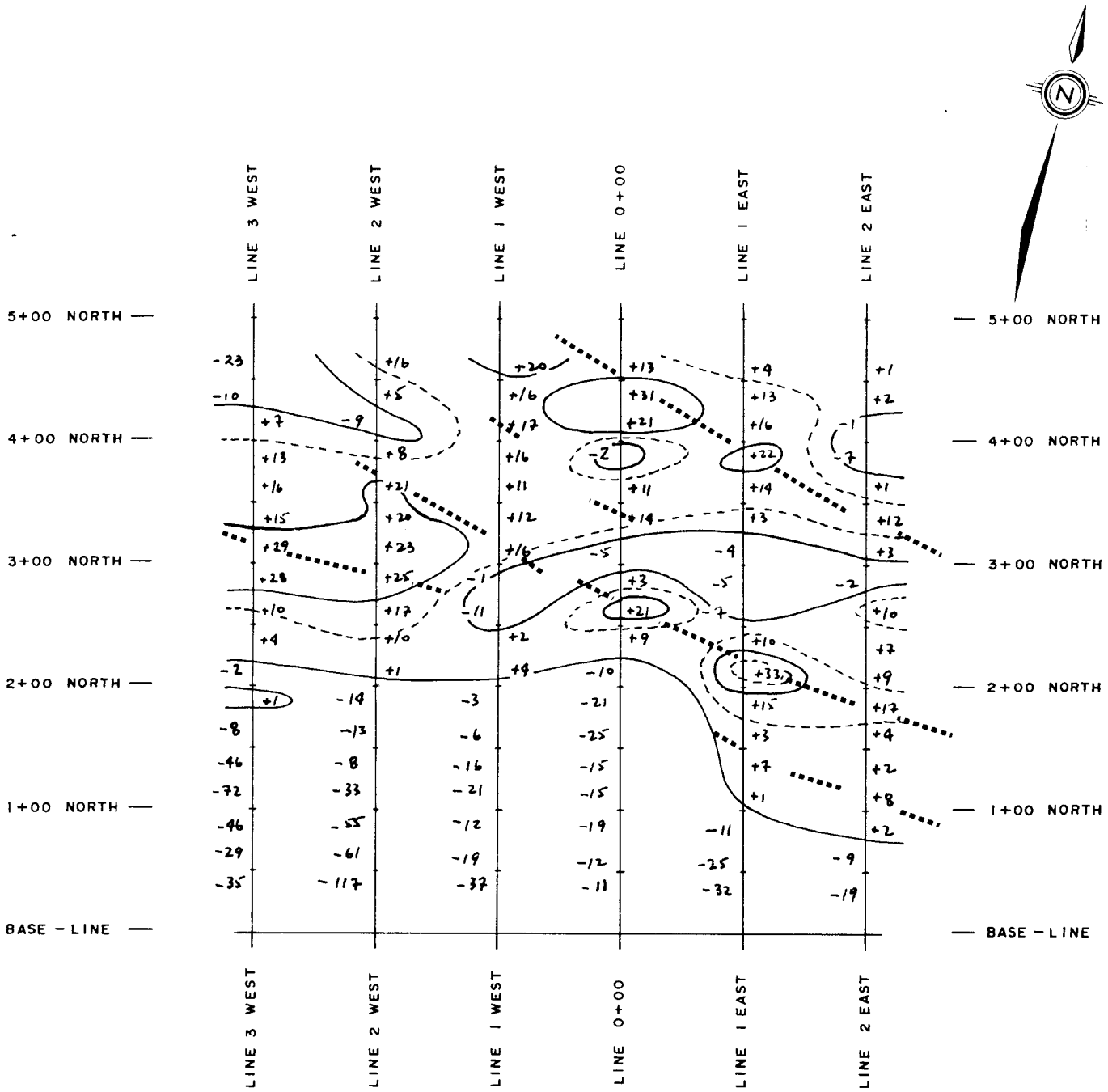
MAGNETOMETER SURVEY

CONTOURS OF TOTAL FIELD INTENSITY

(IN GAMMAS)

SCALE 1:5,000

MAP No. W - 393 - 15 091752 JULY - 1986



CONDUCTOR AXIS

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
PETER E. WALCOTT

ARBOR RESOURCES INC.

FRENCH GULCH 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 - 16

JULY - 1986