

LOG NO: 0727	RD.
ACTION:	
FILE NO:	

INDUCED POLARIZATION REPORT
 ON THE
 TAM O'SHANTER PROPERTY
 GREENWOOD AREA
 GREENWOOD MINING DIVISION

NTS : 82 - E / 2

W.Longitude 118° 43' N.Latitude 49° 06'

FOR

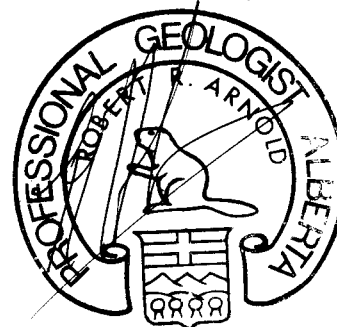
HOUSTON METALS CORP.
 910-800 West Pender Street
 Vancouver, B.C.
 V6C 2V6

BY

ROBERT R. ARNOLD, M.Sc., P.Geol., F.G.A.C.

HI-TEC RESOURCE MANAGEMENT LTD
 1500-609 Granville Street
 Vancouver, B.C.
 V7Y 1G5

JANUARY 15, 1989



GEOLOGICAL BRANCH
 ASSESSMENT REPORT
 18,917

TABLE OF CONTENTS

	<u>PAGE</u>
1.0 SUMMARY	1
2.0 INTRODUCTION.	2
2.1 Objectives	2
2.2 Location and Access.	3
2.3 Operations and Communications.	3
2.4 Physiography	4
2.5 Property Status.	4
3.0 INDUCED POLARIZATION SURVEY SPECIFICATIONS.	5
4.0 DISCUSSION OF RESULTS	6
5.0 CONCLUSIONS AND RECOMMENDATIONS	7
6.0 REFERENCES.	8
7.0 STATEMENT OF QUALIFICATIONS	10

APPENDICES

APPENDIX I: Statement of Costs



LIST OF FIGURES

Figure 1:	General Location Map	after page 3
Figure 2:	Topographic Map	" 3
Figure 3:	Claim Map	" 5
Figure 4:	Grid Location Map	pocket
Figure 5:	L 1000 N Pseudosection - a=50 meters	"
Figure 6:	L 900 N Pseudosection - a=50 meters	"
Figure 7:	L 800 N Pseudosection - a=50 meters	"
Figure 8:	L 700 N Pseudosection - a=50 meters	"
Figure 9:	L 600 N Pseudosection - a=50 meters	"
Figure 10:	L 500 N Pseudosection - a=50 meters	"
Figure 11:	L 400 N Pseudosection - a=50 meters	"
Figure 12:	L 300 N Pseudosection - a=50 meters	"
Figure 13:	L 600 N Pseudosection - a=25 meters	"
Figure 14:	L 500 N Pseudosection - a=25 meters	"
Figure 15:	Plan of Chargeability for n=4	"
Figure 16:	Plan of Resistivity for n=4	"
Figure 17:	Coloured Plan of Chargeability for n=4	after page 6
Figure 18:	Coloured Plan of Resistivity for n=4	" 6



1.0 SUMMARY

Pursuant to a request by the Directors of Houston Metals Corp., a Time Domain Induced Polarization survey was conducted on the Tam O'Shanter property during the month of November 1988.

The Houston Metals Corp. property is located approximately 3.5 kilometers west of the town of Greenwood, British Columbia (Figures 1 & 2). Easy access by four-wheel drive vehicle to the central claim area is provided by the Deadwood Flat and Mother Lode Creek road, then along a good logging road which leads to the central claims area.

Several zones of interest were recorded during the IP survey. The principal zone, trending south-southwest, was recorded between lines 800N/100E and 300N/300W. This zone of anomalous chargeability trends off the grid to the southwest with no sign of weakening. Diamond drilling was recommended in this area to test this zone which is the signature of a sulfide mineralized system in a fault zone. In the southeastern grid area, the survey defined a zone of sulfide mineralization related to a diorite body.

Further work, consisting of additional IP surveying and diamond drilling, is fully warranted and recommended by the writer.



2.0 INTRODUCTION

2.1 OBJECTIVES

Pursuant to a request by the Directors of Houston Metals Corp., a Time Domain Induced Polarization survey was conducted on the Tam O'Shanter property during the month of November 1988 under the supervision of Hi-Tec Resource Management Ltd.

The survey was conducted over a mineralized fault zone on which previous drilling had intersected a high grade silver vein.

The objective of the IP survey was to define the extent of the mineralized system and locate targets for followup drilling. A drill program was conducted in December 1988 to test the economic potential of the system (Arnold, 1989).

This report is based on the present IP survey, the results of the previous exploration work carried out on the subject claims and on the available literature pertaining to the area. The interpretation of the IP survey was done by J.C. Graham, geophysical engineer, who supervised the geophysical program. The writer visited the subject property during December 1988 while supervising the 1988 diamond drilling program.



2.2 LOCATION AND ACCESS

Province:	British Columbia
Area:	Greenwood
Mining Division:	Greenwood
NTS:	82 - E / 2
Longitude:	49 degrees 06' West
Latitude:	118 degrees 43' North
Size of Area:	1,376 hectares (3,400 acres)
Disposition Holders:	Houston Metals Corp.

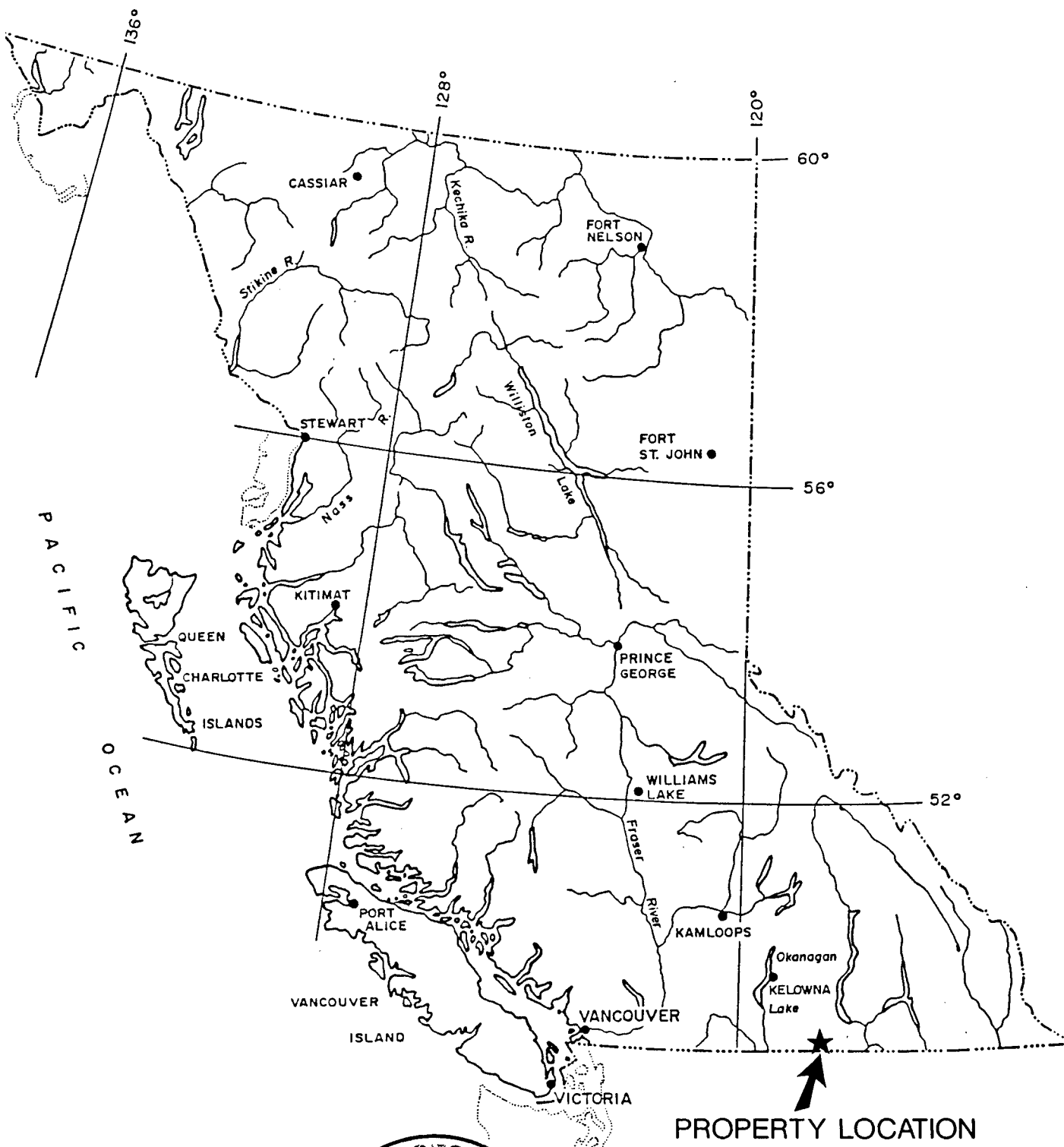
The Houston Metals Corp. property is located approximately 3.5 kilometers west of the town of Greenwood, British Columbia (Figures 1 & 2). Easy access by four-wheel drive vehicle to the central claim area is provided by the Deadwood Flat and Mother Lode Creek road, then along a good logging road which leads to the central claims area. Travel distance is about 11.5 kilometers from Greenwood, British Columbia.

2.3 OPERATIONS AND COMMUNICATIONS

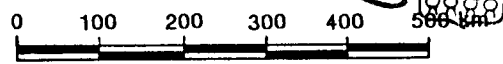
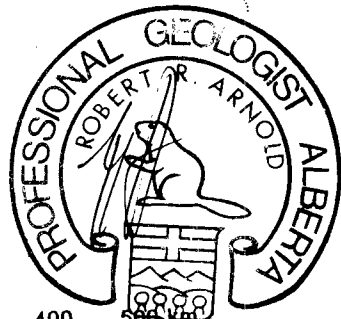
Field work was carried out during the month of November 1988. The field crew was based in Greenwood, British Columbia, and commuted daily to the property. Telephone communications were maintained with the office in Vancouver, British Columbia, on a regular basis.

A four-wheel drive pick-up truck was rented from RedHawk Rentals Ltd., in Vancouver, British Columbia, and was used to reach the property.

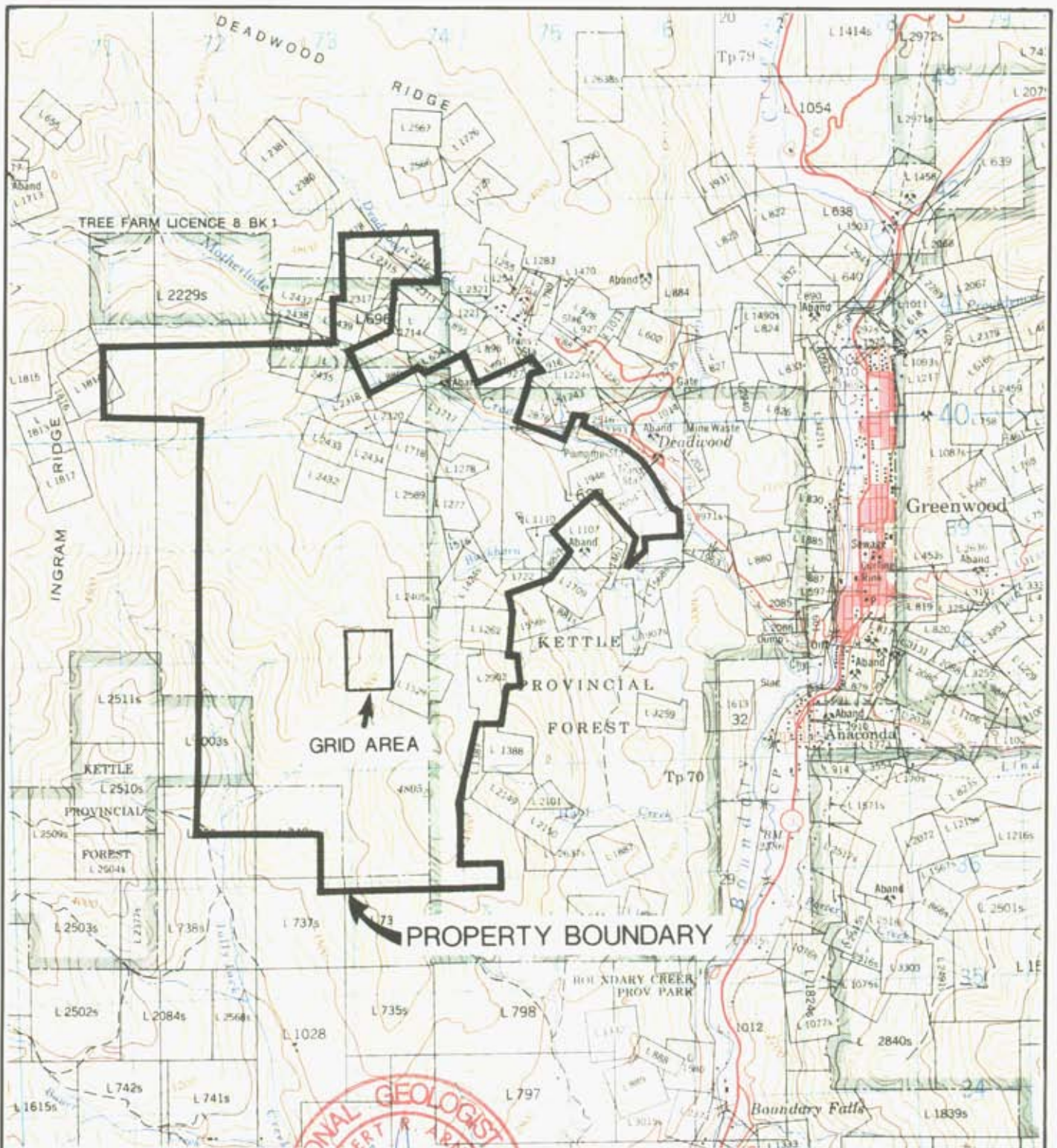




PROPERTY LOCATION



HOUSTON METALS CORP.			
TAM O'SHANTER PROPERTY			
GENERAL LOCATION MAP			
	SCALE: As shown	M.T.S.: 82E/2E	FIGURE No: 1
	DWN. BY: H.V.	DATE: Jan./1989	
	CHKD. BY: R. Arnold	PROJECT No: 88BC 048	FILE No:



HOUSTON METALS CORP.

TAM O'SHANTER PROPERTY

TOPOGRAPHIC MAP

SCALE: 1 50,000	N.T.S.: 82E/2E	FIGURE No. 2
DWN. BY: H V	DATE: Jan./1989	
CHKD. BY: R. Arnold	PROJECT No.: 88BC 048	FILE No.:



H-TEC
RESOURCE MANAGEMENT LTD

2.4 PHYSIOGRAPHY

Local topographic relief is moderate with some steep slopes. Topography in the area is fairly mature and most peaks are rounded by glacial action. During the Pleistocene epoch the Cordilleran ice mass covered even the highest peaks. This ice mass receded about 10,500 to 11,500 years ago. Elevations within the property range from about 853 meters (2,800 feet) A.S.L. near Deadwood Flat to 1,465 meters (4,805 feet) A.S.L. in the south central part of the subject property.

Vegetation consists mainly of fir, larch and lodge pole and underbrush is relatively light. Precipitation is generally moderate with snow cover usually not exceeding 100 cm.

2.5 PROPERTY STATUS

The property is recorded in the Vancouver Mining Recorder's office as follows:

Reverted Crown Grant Mineral Claims:

<u>Claim Name</u>	<u>Record No.</u>	<u>Lot No.</u>	<u>Expiry Date</u>
Tam O'Shanter	161 (11)	2405	Nov. 20, 1989
Iva Lenore	162 (11)	1262	Nov. 20, 1989
Viceroy Fr.	1561 (6)	1722	June 11, 1992
Arlington Fr. and No. 9 Fr.	1562 (6)	1110 882s	June 11, 1992
Salamanca Fr.	1563 (6)	2902	June 11, 1992
Montrose Fr.	1644 (7)	2654	July 9, 1992
Gold Bug No. 2	2249 (6)	1718	June 5, 1993
Little Buffalo Fr.	2250 (6)	1717	June 5, 1992



Located Claims and Fractions:

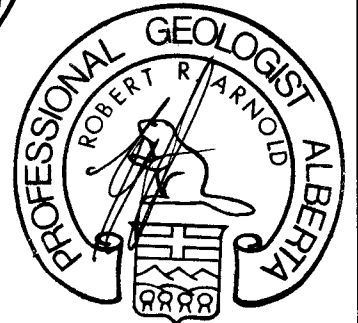
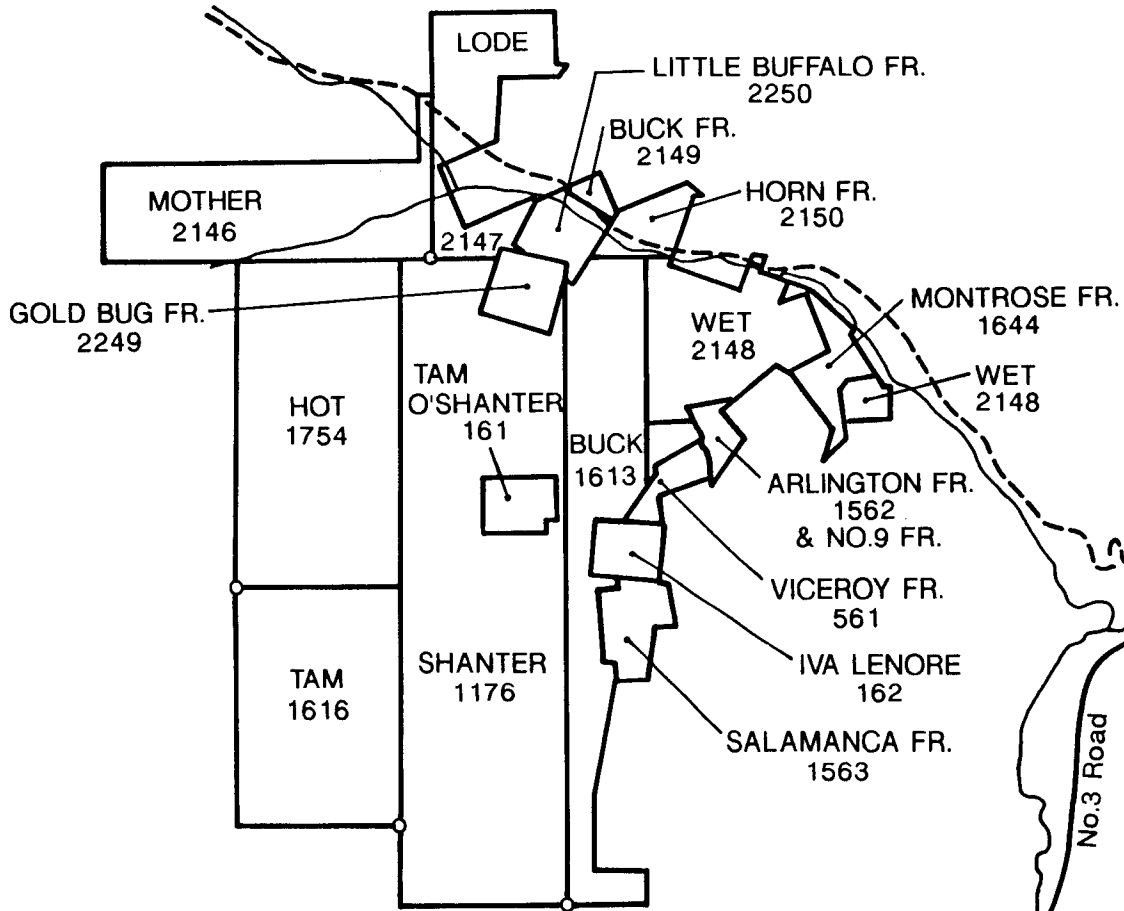
<u>Claim Name</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry Date</u>
Shanter	1176 (7)	16	July 7, 1989
Buck	1613 (6)	8	June 28, 1992
Tam	1616 (6)	6	June 28, 1991
Hot	1754 (8)	8	Aug. 29, 1993
Mother	2146 (4)	8	Apr. 29, 1990
Lode	2147 (4)	6	Apr. 29, 1993
Wet	2148 (4)	6	Apr. 29, 1989
Buck Fr.	2149 (4)	1	Apr. 29, 1992
Horn Fr.	2150 (4)	1	Apr. 29, 1992


The entire property is shown on the Mineral Claim Map 82 - E / 2 E and on Figure 3 of the present report.

3.0 INDUCED POLARIZATION SURVEY SPECIFICATIONS

Fieldwork was conducted from October 26 to November 16, 1988. A 1.1 kilometer baseline was cut running north-south along the fault trace and 8.5 kilometer of crossline was cut at 100 meter intervals for 400 meter (usually) on either side of the baseline (Figure 4: Grid Location Map). A 1.1 kilometer tieline was cut on the eastern side of the grid to allow easy access between lines.

During the survey, it became apparent that the anomaly trended off the southwest corner of the grid, and so the southeastern part of the grid was not surveyed. In total, 6.55 line-kilometer were surveyed; 5.7 kilometer with a 50 meter dipole spacing and 850 meter with a 25 meter dipole spacing for detail. A pole-dipole array was used, with the pole to the east and the dipole to the west. Readings were generally made for four dipole separations, although in a few instances only three separations were possible.



HOUSTON METALS CORP.			
TAM O'SHANTER PROPERTY			
CLAIM MAP			
 HI-TEC RESOURCE MANAGEMENT LTD.	SCALE: 1 : 50,000	N.T.S.: 82E/2E	FIGURE No: 3
	DWN. BY: H.V.	DATE: Jan./1989	
	CHKD. BY: R. Arnold	PROJECT No: 88BC 048	FILE No:

The survey was conducted with a Scintrex IPR-11 receiver and an Elliot 2.5 kW transmitter, which broke down part way through the survey and was replaced with a Phoenix IPT-1 transmitter.

The results are presented in pseudosection form in Figures 5 to 14, and in plan view (for n=4 separation) in Figures 15 to 18. Anomalies are marked both on the pseudosections and on the plan views.

4.0 DISCUSSION OF RESULTS

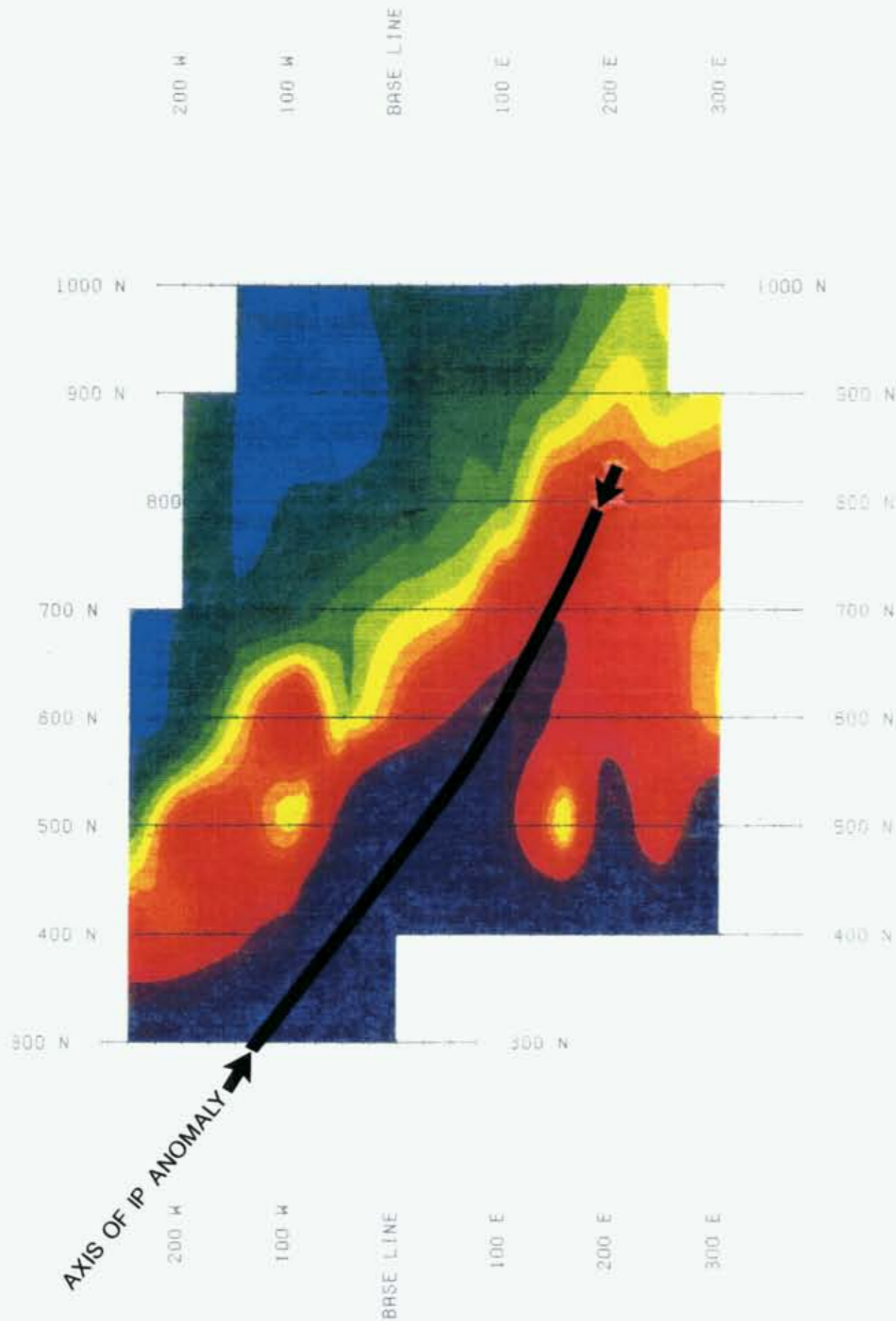
The IP survey defined two main zones of anomalous chargeability. The zone of primary economic interest is the sulfide mineralized system in the fault zone, which is seen to trend south-southwest off the grid from 800N/100E to 300N/300W with no sign of weakening.

In the southeast grid area, the survey defined a zone of sulfide mineralization in a diorite body. It is likely that mineralizing fluids related to the diorite intrusion to the east were channelled by the fault.

A zone of relatively high resistivity is seen trending north at about 75W from 500N to 800N. This feature indicates a zone of low porosity, probably due to silicification. (The later drilling program supports this interpretation.)

The survey conducted with 50 meter dipole spacing indicates the strongest zones of mineralization to be on the order of 100 to 200 meters in depth. The 25 meter dipole survey data generally supports this conclusion, yielding anomalous values for the larger separations.

CHARGEABILITY



LEGEND

COLOUR BAR :
CHARGEABILITY - MSEC/SEC
FOR N = 4

ARRAY : POLE - DIPOLE
POLE TO EAST, DIPOLE TO WEST
A = 50 METRES N = 4
TD = 510 MSEC TW = 180 MSEC/WINDOW
INSTRUMENTATION :
SCINTREX LTD. IPR-11 RECEIVER
ELLIOT TRANSMITTER
2.5 KW MG

METRES



S.J.V. CONSULTANTS LTD.

HOUSTON METALS CORP.

TAM O'SHANTER PROPERTY

INDUCED POLARIZATION SURVEY

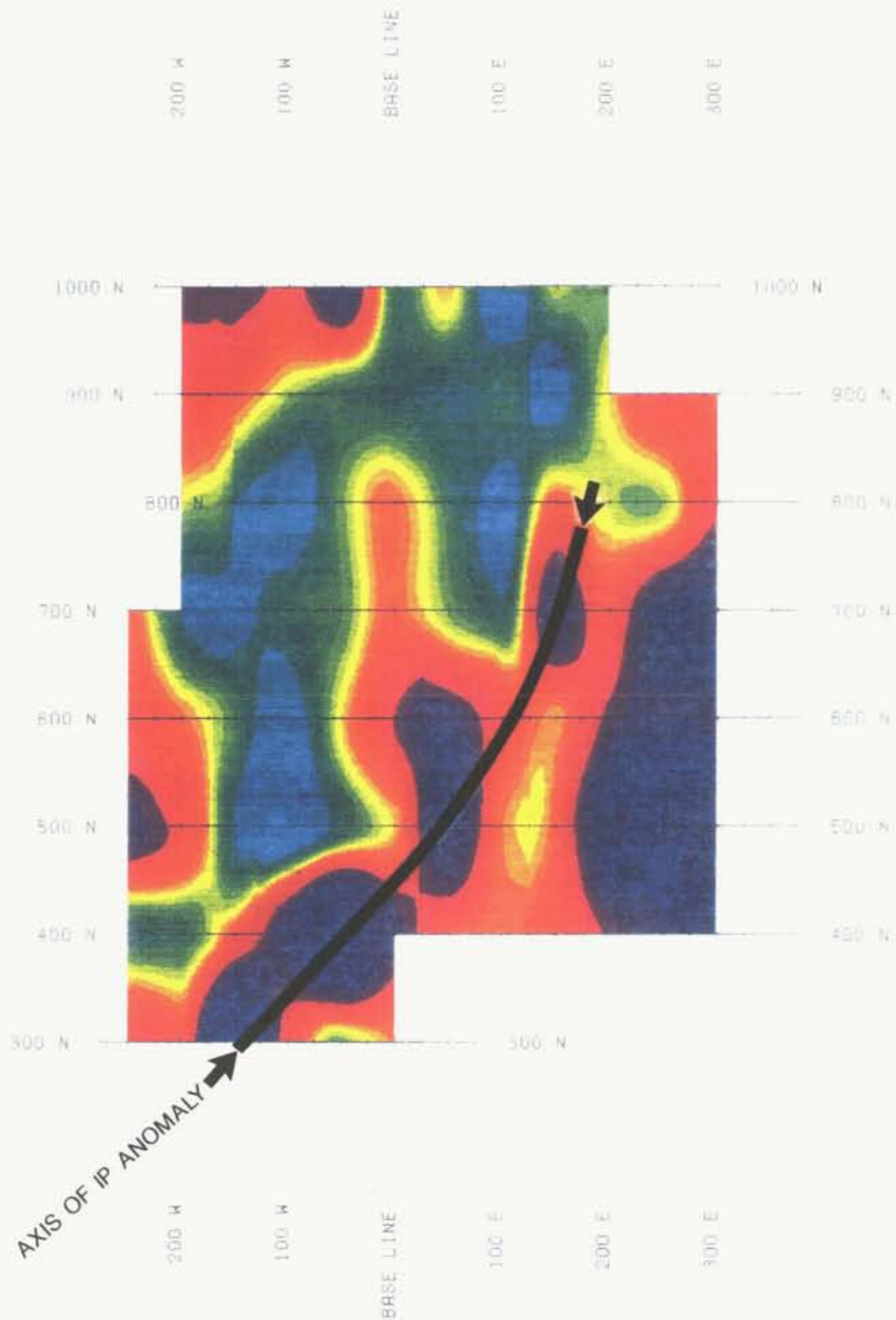
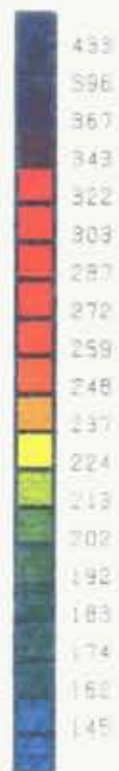
CHARGEABILITY - N = 4

GREENWOOD MINING DISTRICT, B.C.



SCALE: 1:15000	N.T.S. - NZE/ZE	FIGURE NO: 17
OWN. BY: J.R.A.	DATE: NOV. 1988	
DRAWN BY:	PROJECT NO: BB0048	FILE NO:

RESISTIVITY



LEGEND

COLOUR BAR :
RESISTIVITY - OHM-METRES
FOR N = 4

ARRAY : POLE - DIPOLE
POLE TO EAST, DIPOLE TO WEST
H = 50 METRES N = 4
TD = 510 MSEC TW = 180 MSEC/WINDOW
INSTRUMENTATION :
SCINTREX LTD. (JPR-1) RECEIVER
ELLIOT TRANSMITTER
2.5 KW MG



TAM O'SHANTER PROPERTY		
INDUCED POLARIZATION SURVEY		
RESISTIVITY - N = 4		
GREENWOOD MINING DISTRICT, B.C.		
SCALE: 1:5000	N.T.S. N2E/2E	FIGURE NO: 18
DRAWN BY: J.R.A.	DATE: NOV. 1988	FILE NO.:
COND. BY:	PROJECT NO: 88BC048	

S.-J.V. CONSULTANTS LTD.



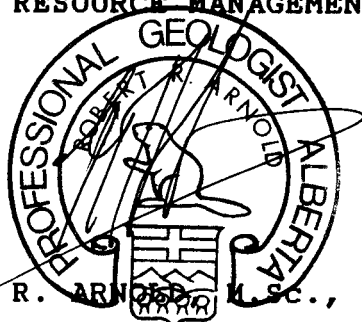
5.0 CONCLUSIONS AND RECOMMENDATIONS

The Tam O'Shanter property hosts a mineralized fault zone on which previous drilling had intersected a high grade silver vein. The IP survey conducted over the zone defined two main zones of anomalous chargeability. The sulfide mineralized system in the fault zone was well defined, and was seen to trend south-southwest off the grid with no sign of weakening. It is likely that its extension could be easily detected with additional surveying.

Based on these results, drilling and additional IP surveying is warranted. A three hole diamond drill program was conducted to test the system in December, 1988.

Additional recommendations are presented in Arnold's drill program report (1989).

Respectfully submitted
HI-TEC RESOURCE MANAGEMENT LTD.



ROBERT R. ARNOLD, M.Sc., P.Geol., F.G.A.C.
JANUARY 15, 1989



6.0 REFERENCES

- Arnold, R.R. (1989)
Diamond Drilling Report on the Tam O'Shanter Property,
Greenwood Area, Greenwood, British Columbia; Assessment
Report for Houston Metals Corp.
- Arnold, R.R. (1985)
Geological, Geophysical and Geochemical Assessment
Report on the Ni Ban Mineral Claim, Jewel Lake Area,
Greenwood Mining Division, Greenwood, British Columbia;
Private Report for Intl. Focus Res. Inc.
- Dickinson, R.A. and Simpson, J.G. (1973)
A Report on Geology and Percussion Drilling, 1973,
Greenwood Property, Project #441; Private Report for
Mapletree Exploration Corporation.
- Fraser, S. (1987)
Report on the Tam O'Shanter Property, Greenwood Area,
B.C.; Private Report Prepared By Echo Bay Mines Ltd.
- Fyles, J.T. (1984-1985)
Notes on the Geology of the Mother Lode - Tam O'Shanter
Area; Private Report Prepared for Kettle River
Resources.
- Little, H.W. (1983)
Geology of the Greenwood Map-Area, British Columbia;
Geological Survey of Canada, Paper 79-29, 37 pp.
- Monger, J.W.H. (1967)
Early Tertiary Stratified Rocks, Greenwood Map-Area,
(82 E/2), British Columbia; Geological Survey of
Canada, Paper 67-42, 39 pp.
- Rayner, G.H. (1982)
Geological Report on the Tam O'Shanter Claim Group,
Greenwood Mining Division, B.C.; Private Report for New
Frontier Petroleum Corporation.
- Shear, H.H. (1984)
Report on the Tam O'Shanter Property, Greenwood Mining
Division, British Columbia, Canada; Private Report for
Bulkley Silver Resources Inc. a Subsidiary of New
Frontier Petroleum Corporation.
- Stewart, G.O.M. (1980)
Drilling Assessment Report on the Tam O'Shanter
Property, Shanter Claim, Greenwood, Greenwood Mining
Division; Private Report for Oneida Resources Ltd.



Wong, R. (1986)

Tam O'Shanter Core Logs, Holes 79-1 to 3; Private Report Prepared by B.P. - Selco.

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

THE TAM O'SHANTER PROPERTY IS UNDERLAIN BY FOUR MAIN FORMATIONS. THE OLDEST ROCKS ARE AN ASSEMBLAGE OF SILICIFIED ROCK INCLUDING CHERT AND CHERTY TUFFS AND ANDESITE TUFFS. THESE ROCKS HAVE BEEN INTERRUPTED BY A STOCK OF DIORITE AND QUARTZ DIORITE RELATED TO THE NELSON INTRUSIONS. THE WESTERN PART OF THE PROPERTY IS UNDERLAIN BY UNITS OF THE MARRON VOLCANIC SEQUENCE AND THE KETTLE RIVER FORMATION SEDIMENTS OCCUR BETWEEN THE MARRON AND OLDER ROCKS. MINERALIZATION CONSISTS OF COPPER IN THE REFERENCES TO PREVIOUS WORK INTENSIVES AND SMALL HIGH GRADE SILVER VEIN Induced... Polarization Survey... January 1989... Robert Arnold.....

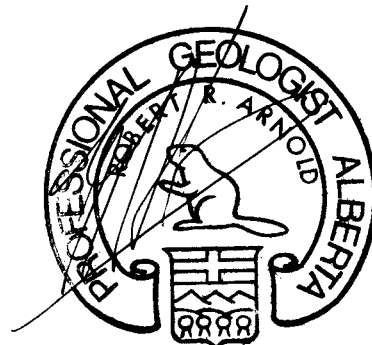


7.0 STATEMENT OF QUALIFICATIONS

I, ROBERT R. ARNOLD, of 1227 Caledonia Avenue, in the District of North Vancouver, in the Province of British Columbia, hereby certify:

1. THAT I am a geologist employed by Hi-Tec Resource Management Ltd. My office is at Suite 1500 - 609 Granville Street, Vancouver, B.C., V7Y 1G5, Canada.
2. THAT I obtained a Bachelor of Science degree in Geology from the University of Geneva, in the City of Geneva, Switzerland, in 1976 and a Master of Science degree in Geological Engineering, from the same university in 1978.
3. THAT I am a Registered Professional Geologist, in good standing, of the Association of Professional Engineers, Geologists and Geophysicists of Alberta since 1981.
4. THAT I am a Fellow Member of the Geological Association of Canada, in good standing since 1985. That I am an associate member of the Mineralogical Association of Canada and of the Society of Economic Geologists.
5. THAT I have been practising my profession as a geologist in Western Europe, West Africa, Southeast Asia and North America, both permanently since 1978 and seasonally since 1971.
6. THAT I have not received, nor do I expect to receive any interests, direct or indirect, or contingent in the securities or properties of Houston Metals Corp. and that I am not an insider of any company having interest in the Mineral Claims which are the subject of this report, or any other claims within a radius of 10 kilometers.

Dated in Vancouver, British Columbia, this 15th day of January 1989.



APPENDIX I

STATEMENT OF COSTS



STATEMENT OF COSTS

HOUSTON METALS CORPORATION
TAM O'SHANTER PROPERTY
PROJECT 88BC048

FIELD WORK PERIOD: October 26 - November 16, 1988

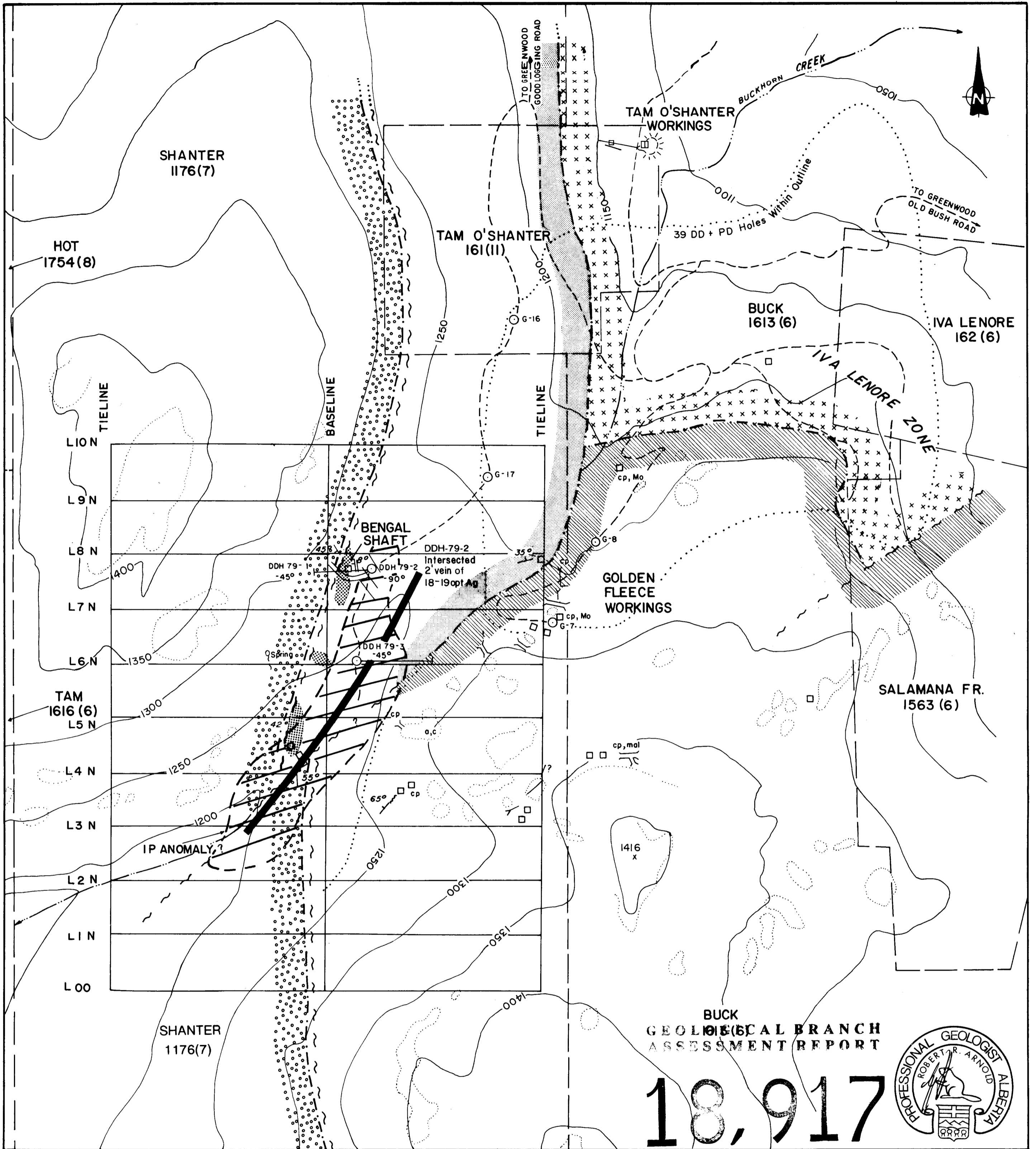
Field Salaries

S. Sanders, Linecutter		
11 days @ \$300/day	\$3,300.00	
R. Ford, Linecutter		
12 days @ \$300/day	3,600.00	
A. Bobinski, Assistant		
9 days @ \$250/day	2,250.00	
C. Kerr, Assistant		
12 days @ \$250/day	3,000.00	
C. Graham, Geophysicist		
6 days @ \$400/day	<u>2,400.00</u>	
		\$14,550.00

Project Expenses

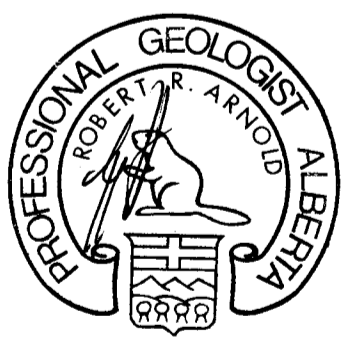
Project Preparation		1,455.00
Mobilization/Demobilization		4,716.35
Geophysics		
IP Survey 7 production days @ \$1,450/day		10,150.00
1 breakdown day @ \$1,100/day		1,100.00
Truck Rental and Fuel 20 days @ \$125/day		2,500.00
Domicile 95.5 man days @ \$50/man/day		4,775.00
Field Equipment Rental 95.5 man days @ \$35/man/day		3,342.50
Assessment filing fees		1,360.00
Accounting		687.50
Communications		133.19
Report and Drafting		4,500.00
Project Management Fee @ 15%		<u>4,667.18</u>
		\$ 53,936.72





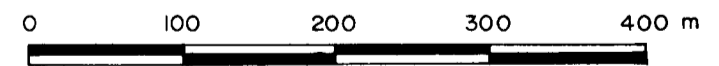
BUCK
GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,917



LEGEND

- 79-1 Oneida DDH
- G-17 Mascot Percussion Hole
- Outcrop
- ~ Fault
- - - Contact
- - - Road
- || Trench
- Pit or Shaft
- └ Adit
- - - Claim Border
- 1400 - Contours in metres
- Axis of IP Anomaly
- Marron Formation
- Kettle River Formation
- × Nelson Diorite
- ▨ Grand Forks Group
- ▩ Bengal Shaft Zone

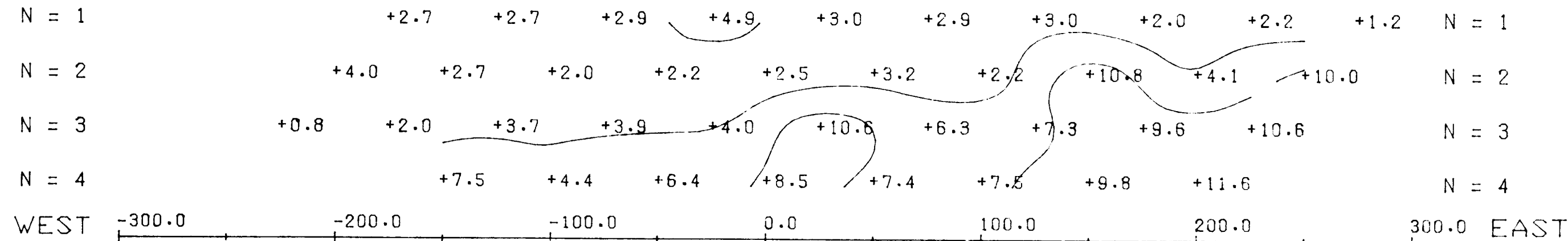


TAM O' SHANTER PROPERTY			
GREENWOOD MINING DIVISION BRITISH COLUMBIA, CANADA			
GRID LOCATION MAP			
	SCALE: 1:5000	N.T.S.: 82E/2 E	FIGURE No: 4
	DWN. BY:	DATE: Jan./1989	FILE No:
	CHKD. BY:	PROJECT No: 88BC048	FILE No:

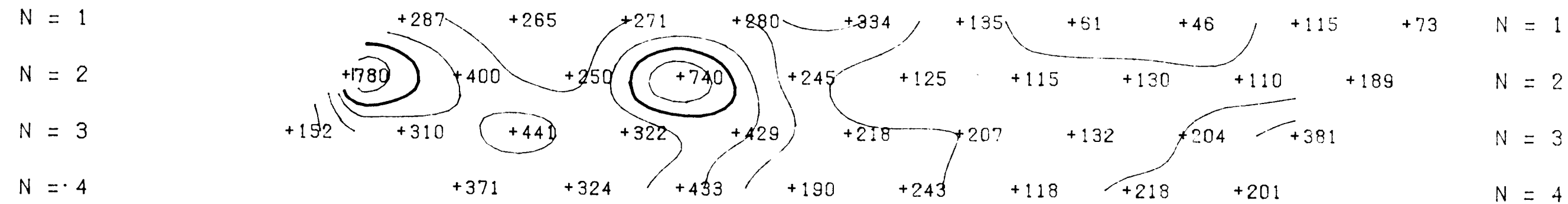
LEGEND

ARRAY : POLE - DIPOLE
 POLE TO RIGHT, DIPOLE LEFT
 A = 50 METRES N = 1,2,3 & 4
 TD = 510 MSEC, TW = 180 MSEC/WINDOW
 CONTOUR INTERVAL :
 CHARGEABILITY : 4 MSEC/SEC
 RESISTIVITY : 100 OHM-M
 INSTRUMENTATION :
 SCINTREX LTD. IPR-11 RECEIVER
 ELLIOT TRANSMITTER
 2.5 KW MG

CHARGEABILITY



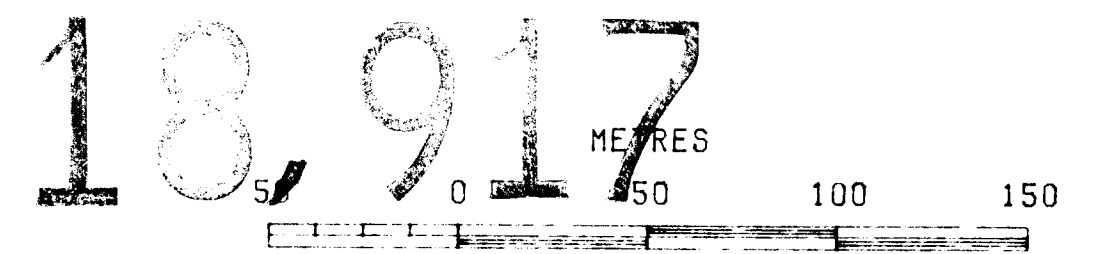
RESISTIVITY



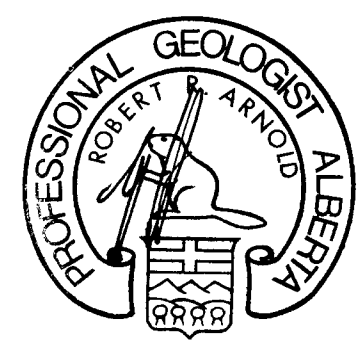
STRONG IP ANOMALY :

WEAK IP ANOMALY :

INTERPRETATION REPORT



HOUSTON METALS CORP.			
TAM O'SHANTER PROPERTY			
INDUCED POLARIZATION SURVEY			
L 1000 N PSEUDOSECTION			
GREENWOOD MINING DIVISION, B.C.			
	SCALE:	N.T.S.	FIGURE NO.
	1:2000	82E/2E	5
	DRWN BY:	DATE:	
J.R.A.	NOV. 1988		
CHKD BY:	PROJECT NO:	FILE NO:	
	88BC048		

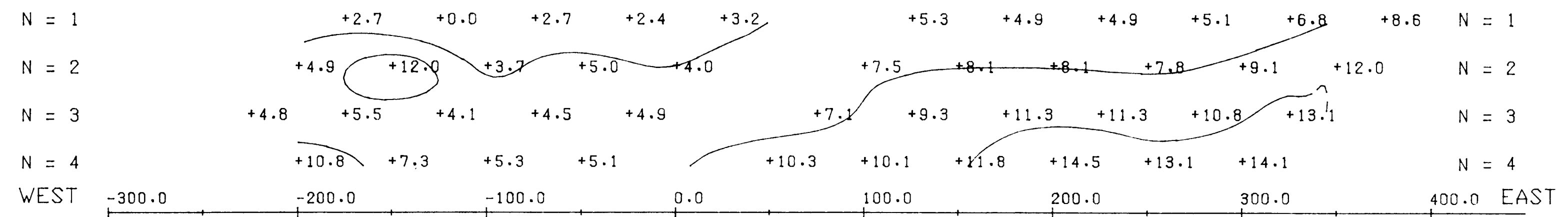


S.J.V. CONSULTANTS LTD.

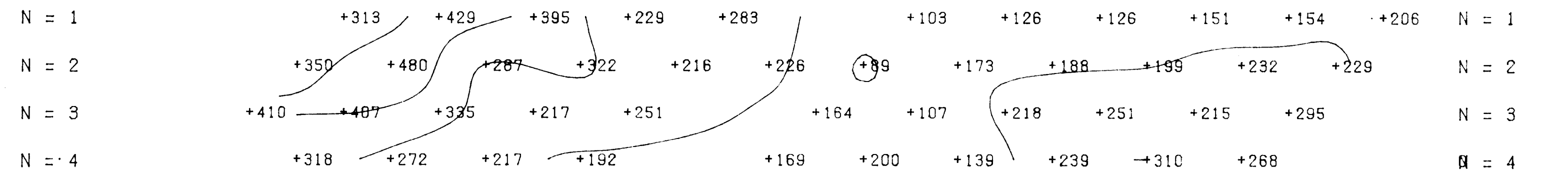
LEGEND

ARRAY : POLE - DIPOLE
 POLE TO RIGHT, DIPOLE LEFT
 A = 50 METRES N = 1,2,3 & 4
 TD = 510 MSEC, TW = 180 MSEC/WINDOW
 CONTOUR INTERVAL :
 CHARGEABILITY : 4 MSEC/SEC
 RESISTIVITY : 100 OHM-M
 INSTRUMENTATION :
 SCINTREX LTD. IPR-11 RECEIVER
 ELLIOT TRANSMITTER
 2.5 KW MG

CHARGEABILITY



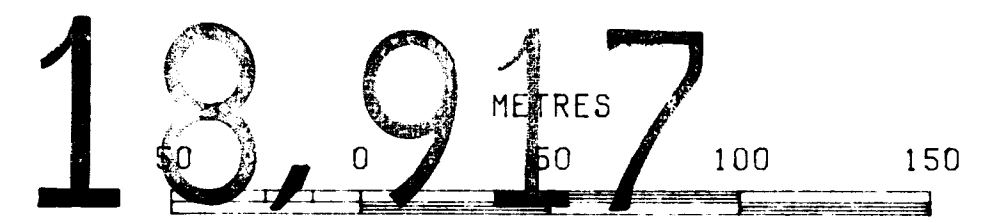
RESISTIVITY



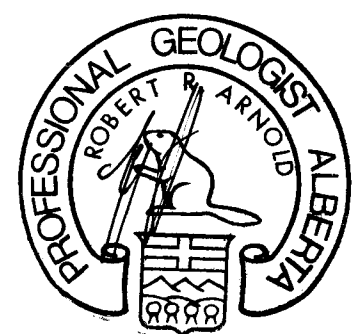
STRONG IP ANOMALY :

WEAK IP ANOMALY :

GEOLOGICAL BRANCH
 ASSESSMENT REPORT



HOUSTON METALS CORP.			
TAM O'SHANTER PROPERTY			
INDUCED POLARIZATION SURVEY			
L 900 N PSEUDOSECTION			
GREENWOOD MINING DIVISION, B.C.			
	SCALE:	N.T.S.	FIGURE NO:
	1:2000	82E/2E	6
	DRWN BY:	DATE:	
J.R.A.	NOV. 1988		
CHKD BY:	PROJECT NO:	FILE NO:	
	88BC048		

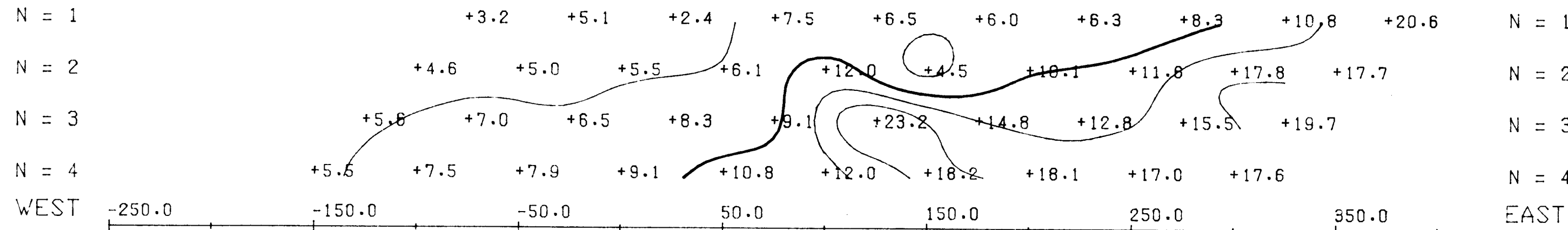


S.J.V. CONSULTANTS LTD.

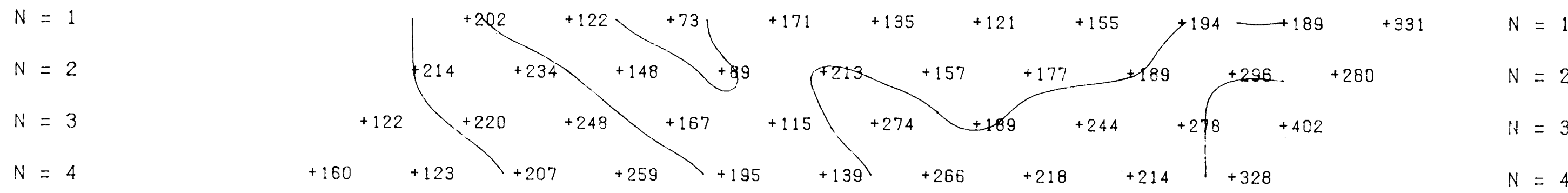
LEGEND

ARRAY : POLE - DIPOLE
 POLE TO RIGHT, DIPOLE LEFT
 A = 50 METRES N = 1,2,3 & 4
 TD = 510 MSEC, TW = 180 MSEC/WINDOW
 CHARGEABILITY : 4 MSEC/SEC
 RESISTIVITY : 100 OHM-M
 INSTRUMENTATION :
 SCINTREX LTD. IPR-11 RECEIVER
 ELLIOT TRANSMITTER
 2.5 KW MG

CHARGEABILITY



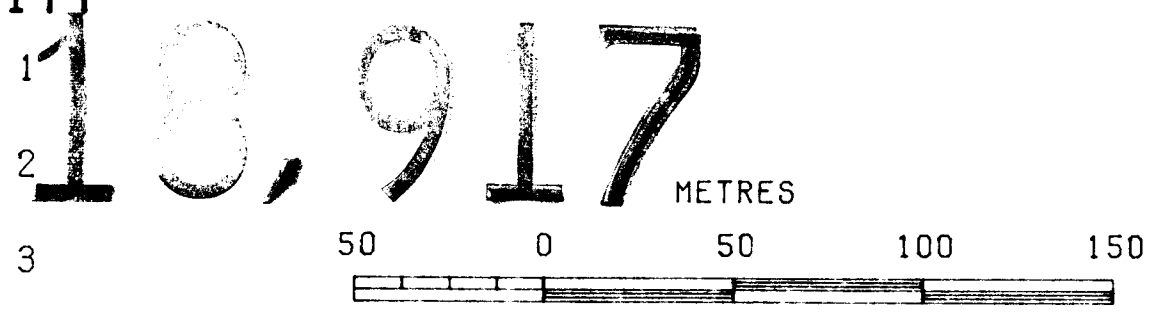
RESISTIVITY



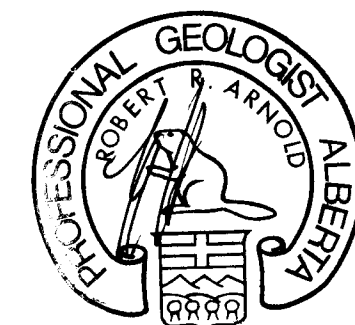
STRONG IP ANOMALY :

WEAK IP ANOMALY :

GEOLOGICAL BRANCH
 ASSESSMENT



HOUSTON METALS CORP.			
TAM O'SHANTER PROPERTY			
INDUCED POLARIZATION SURVEY			
L 800 N PSEUDOSECTION			
GREENWOOD MINING DIVISION, B.C.			
	SCALE:	N.T.S.	FIGURE NO:
	1:2000	82E/2E	7
	DRWN BY:	DATE:	
J.R.A.	NOV. 1988		
CHKD BY:	PROJECT NO:	FILE NO:	
	88BC048		

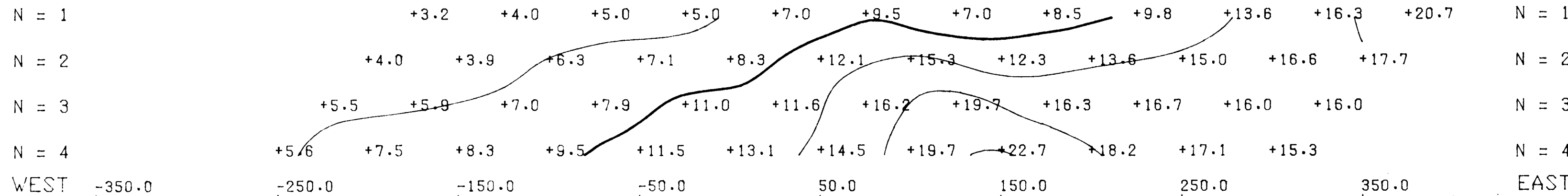


S.J.V. CONSULTANTS LTD.

LEGEND

ARRAY : POLE - DIPOLE
 POLE TO RIGHT, DIPOLE LEFT
 A = 50 METRES N = 1,2,3 & 4
 TD = 510 MSEC, TW = 180 MSEC/WINDOW
 CONTOUR INTERVAL :
 CHARGEABILITY : 4 MSEC/SEC
 RESISTIVITY : 100 OHM-M
 INSTRUMENTATION :
 SCINTREX LTD. IPR-11 RECEIVER
 ELLIOT TRANSMITTER
 2.5 KW MG

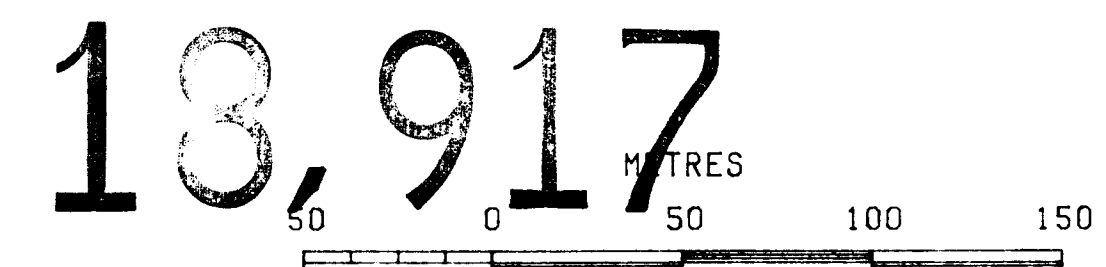
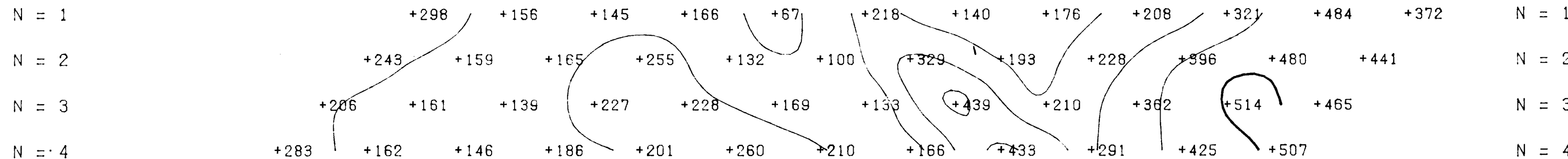
CHARGEABILITY



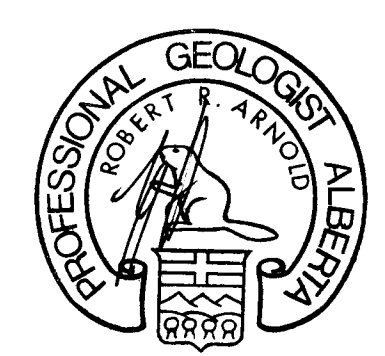
STRONG IP ANOMALY :

WEAK IP ANOMALY :

RESISTIVITY



HOUSTON METALS CORP.			
TAM O'SHANTER PROPERTY			
INDUCED POLARIZATION SURVEY			
L 700 N PSEUDOSECTION			
GREENWOOD MINING DIVISION, B.C.			
	SCALE:	N.T.S.	FIGURE NO:
	1:2000	82E/2E	8
	DRWN BY:	DATE:	
J.R.A.	NOV. 1988		
CHKD BY:	PROJECT NO:	FILE NO:	
	88BC048		

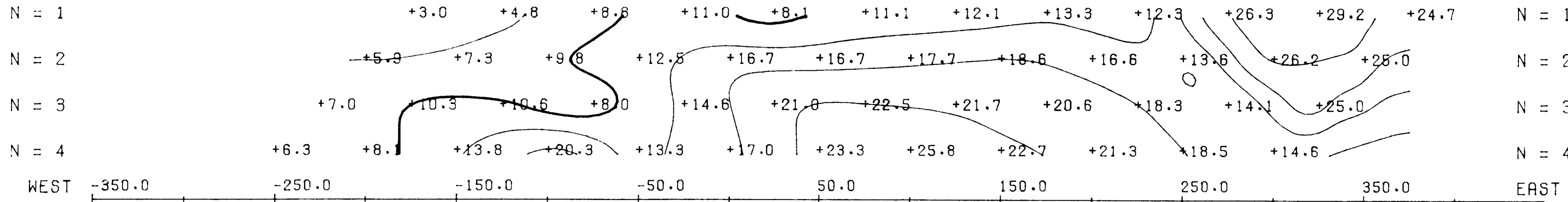


S.J.V. CONSULTANTS LTD.

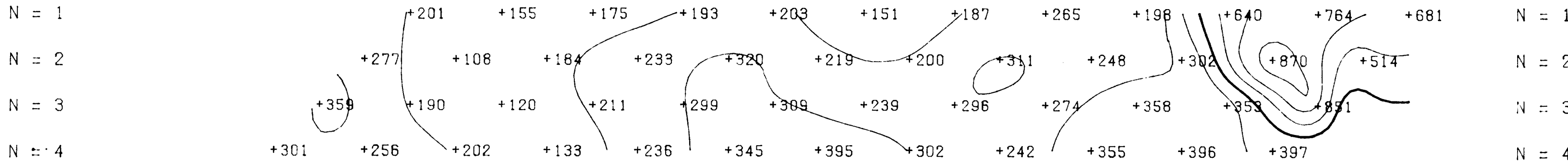
LEGEND

ARRAY : POLE - DIPOLE
 POLE TO RIGHT, DIPOLE LEFT
 A = 50 METRES N = 1,2,3 & 4
 TD = 510 MSEC, TW = 180 MSEC/WINDOW
 CHARGEABILITY : 4 MSEC/SEC
 RESISTIVITY : 100 OHM-M
 INSTRUMENTATION :
 SCINTREX LTD. IPR-11 RECEIVER
 ELLIOT TRANSMITTER
 2.5 KW MG

CHARGEABILITY

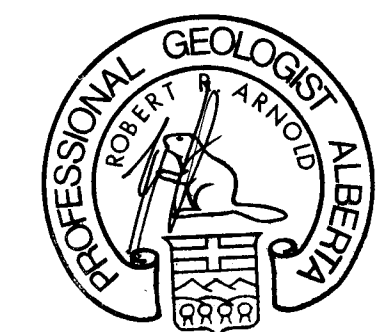


RESISTIVITY



STRONG IP ANOMALY :

WEAK IP ANOMALY :



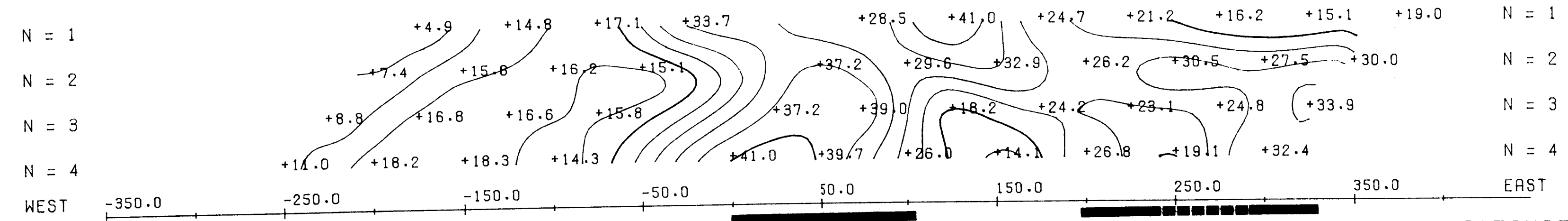
S.J.V. CONSULTANTS LTD.

HOUSTON METALS CORP.		
TAM O'SHANTER PROPERTY		
INDUCED POLARIZATION SURVEY		
L 600 N PSEUDOSECTION		
GREENWOOD MINING DIVISION, B.C.		
	SCALE: 1:2000	N.T.S. 82E/2E
DRWN BY: J.R.A.	DATE: NOV. 1988	FIGURE NO: 9
CHKD BY:	PROJECT NO: 88BC048	FILE NO:

LEGEND

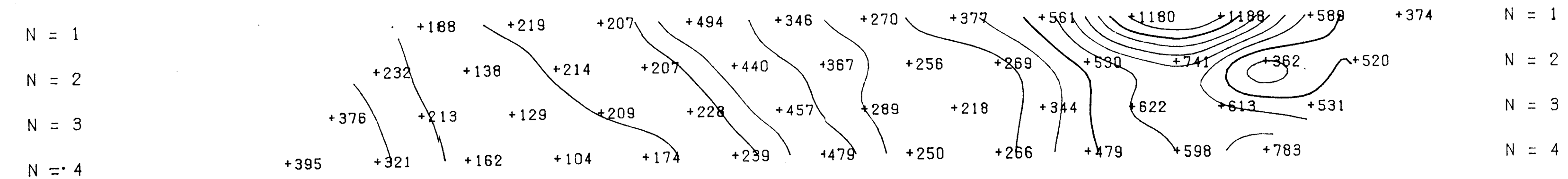
ARRAY : POLE - DIPOLE
 POLE TO RIGHT, DIPOLE LEFT
 A = 50 METRES N = 1,2,3 & 4
 TD = 510 MSEC, TW = 180 MSEC/WINDOW
 CONTOUR INTERVAL :
 CHARGEABILITY : 4 MSEC/SEC
 RESISTIVITY : 100 OHM-M
 INSTRUMENTATION :
 SCINTREX LTD. IPR-11 RECEIVER
 ELLIOT TRANSMITTER
 2.5 KW MG

CHARGEABILITY



STRONG IP ANOMALY :

RESISTIVITY

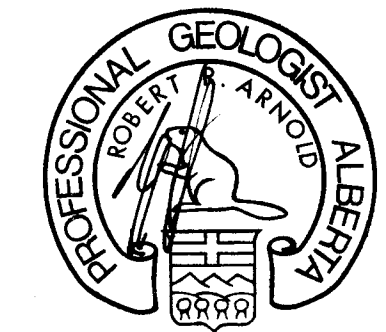


GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,917

METRES

S.J.V. CONSULTANTS LTD.

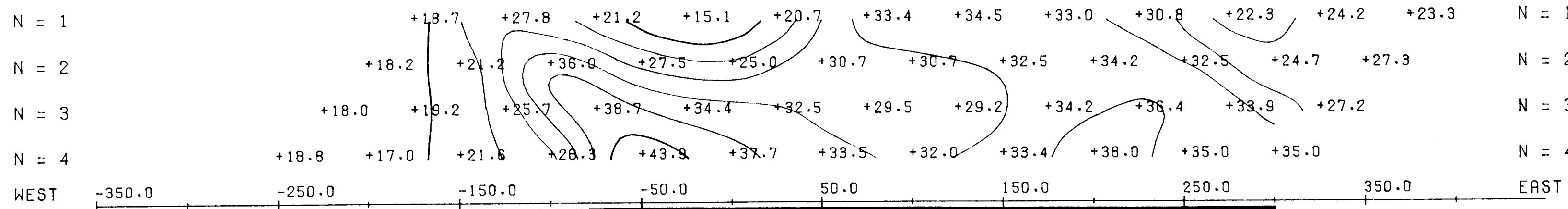


HOUSTON METALS CORP.		
TAM O'SHANTER PROPERTY		
INDUCED POLARIZATION SURVEY L 500 N PSEUDOSECTION GREENWOOD MINING DIVISION, B.C.		
	SCALE: 1:2000	N.T.S. 82E/2E
	DRWN BY: J.R.A.	DATE: NOV. 1988
CHKD BY:	PROJECT NO: 88BC048	FIGURE NO: 10
		FILE NO:

LEGEND

ARRAY : POLE - DIPOLE
 POLE TO RIGHT, DIPOLE LEFT
 A = 50 METRES N = 1,2,3 & 4
 TD = 510 MSEC, TW = 180 MSEC/WINDOW
 CONTOUR INTERVAL :
 CHARGEABILITY : 4 MSEC/SEC
 RESISTIVITY : 100 OHM-M
 INSTRUMENTATION :
 SCINTREX LTD. IPR-11 RECEIVER
 ELLIOT TRANSMITTER
 2.5 KW MG

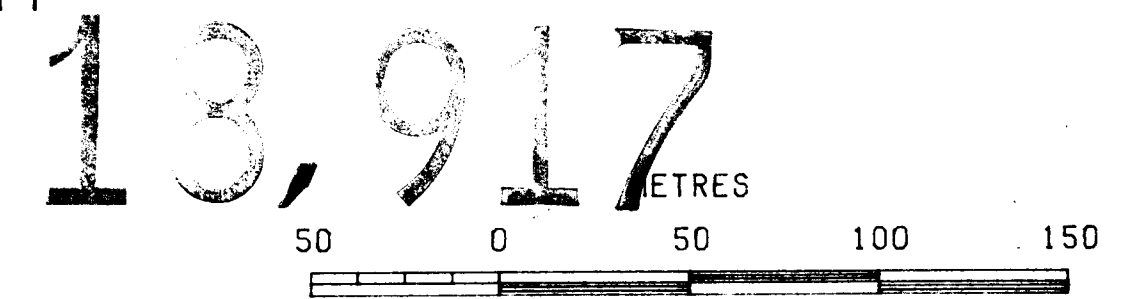
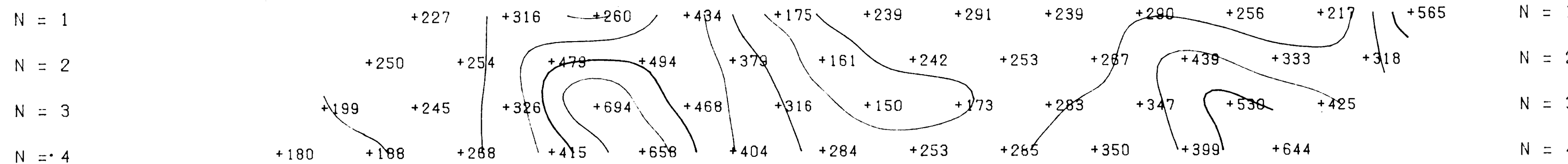
CHARGEABILITY



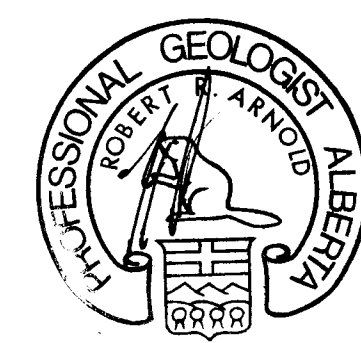
STRONG IP ANOMALY :

GEOLOGICAL BRANCH
 ASST. NEAR IP ANOMALY :

RESISTIVITY



S.J.V. CONSULTANTS LTD.

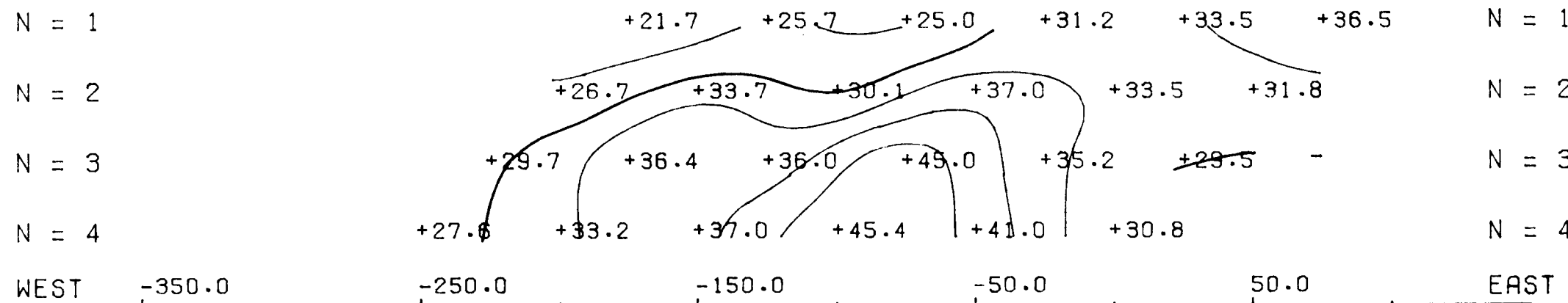


HOUSTON METALS CORP.			
TAM O'SHANTER PROPERTY			
INDUCED POLARIZATION SURVEY			
L 400 N PSEUDOSECTION			
GREENWOOD MINING DIVISION, B.C.			
	SCALE:	N.T.S.:	FIGURE NO.:
	1:2000	82E/2E	11
	DRAWN BY:	DATE:	
J.R.A.	NOV. 1988		
CHKD BY:	PROJECT NO.:	FILE NO.:	
	888C048		

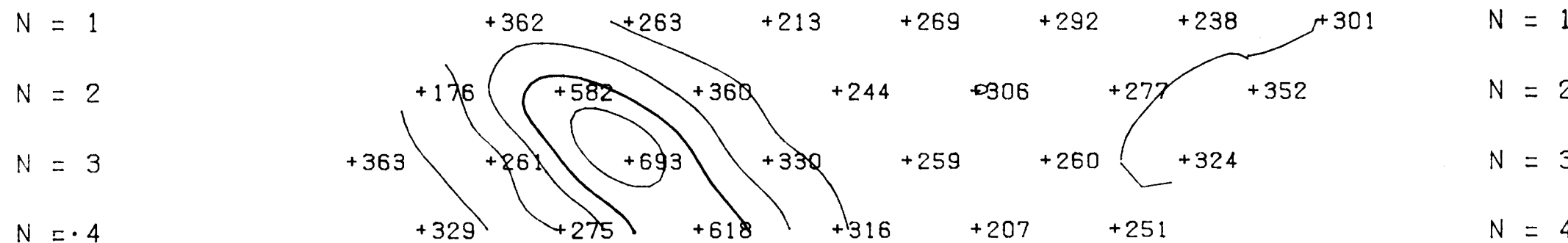
LEGEND



ARRAY : POLE - DIPOLE
 POLE TO RIGHT, DIPOLE LEFT
 A = 50 METRES N = 1,2,3 & 4
 TD = 510 MSEC, TW = 180 MSEC/WINDOW
 CONTOUR INTERVAL :
 CHARGEABILITY : 4 MSEC/SEC
 RESISTIVITY : 100 OHM-M
 INSTRUMENTATION :
 SCINTREX LTD. IPR-11 RECEIVER
 ELLIOT TRANSMITTER
 2.5 KW MG

CHARGEABILITY



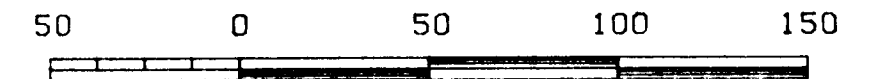
RESISTIVITY



STRONG IP ANOMALY: 
 WEAK IP ANOMALY: 

18,917

METRES



HOUSTON METALS CORP.

TAM O'SHANTER PROPERTY

INDUCED POLARIZATION SURVEY

L 300 N PSEUDOSECTION

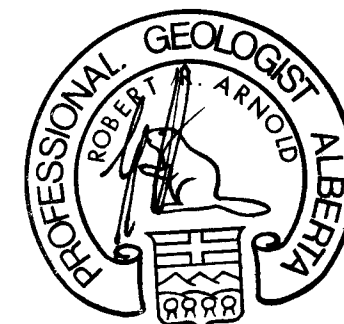
GREENWOOD MINING DIVISION, B.C.



M-TEC
 RESOURCE MANAGEMENT LTD.

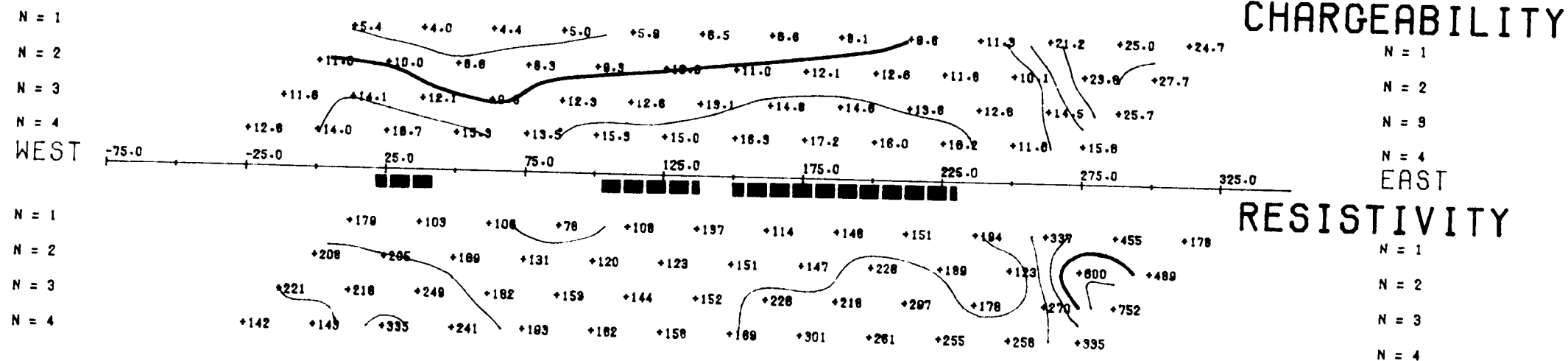
SCALE: 1:2000	N.T.S. 82E/2E	FIGURE NO: 12
DRWN BY: J.R.A.	DATE: NOV. 1988	
CHKD BY:	PROJECT NO: 88BC048	FILE NO:

S.J.V. CONSULTANTS LTD.



LEGEND

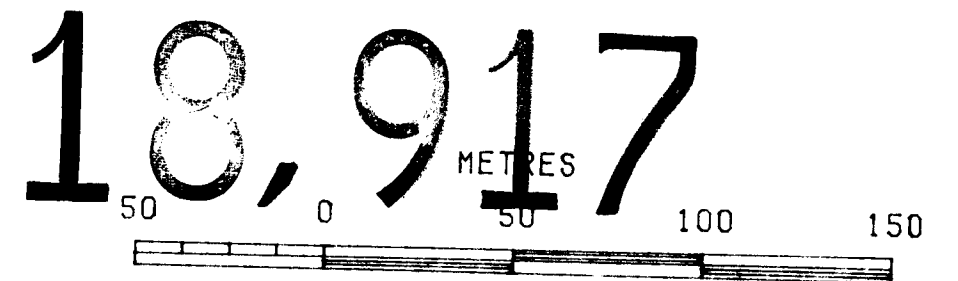
ARRAY : POLE - DIPOLE
 POLE TO RIGHT, DIPOLE LEFT
 A = 25 METRES N = 1,2,3 & 4
 TD = 510 MSEC, TW = 180 MSEC/WINDOW
 CONTOUR INTERVAL :
 CHARGEABILITY : 4 MSEC/SEC
 RESISTIVITY : 100 OHM-M
 INSTRUMENTATION :
 SCINTREX LTD. IPR-11 RECEIVER
 ELLIOT TRANSMITTER
 2.5 KW MG



STRONG IP ANOMALY :

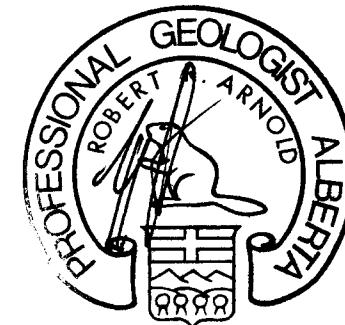
WEAK IP ANOMALY :

GEOLOGICAL BRANCH ASSESSMENT REPORT



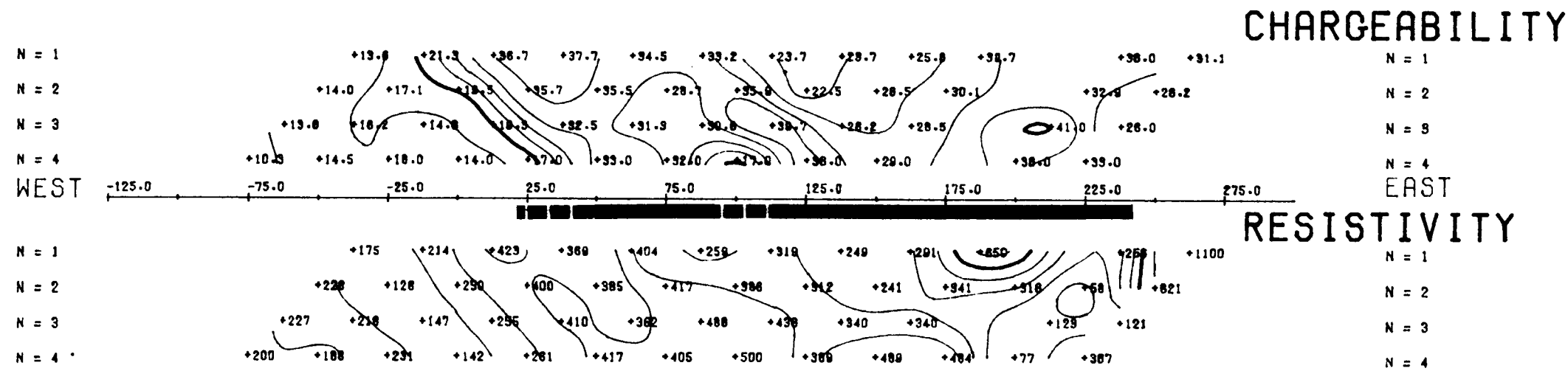
HOUSTON METALS CORP.			
TAM O'SHANTER PROPERTY			
INDUCED POLARIZATION SURVEY			
L 600 N PSEUDOSECTION			
GREENWOOD MINING DIVISION, B.C.			
	SCALE:	N.T.S:	FIGURE NO:
	1:2000	82E/2E	13
	DRWN BY:	DATE:	
J.R.A.	NOV. 1988		
CHKD BY:	PROJECT NO:	FILE NO:	
	88BC048		

S.J.V. CONSULTANTS LTD.




LEGEND

ARRAY : POLE - DIPOLE
 POLE TO RIGHT, DIPOLE LEFT
 A = 25 METRES N = 1,2,3 & 4
 TD = 510 MSEC, TW = 180 MSEC/WINDOW
 CONTOUR INTERVAL :
 CHARGEABILITY : 4 MSEC/SEC
 RESISTIVITY : 100 OHM-M
 INSTRUMENTATION :
 SCINTREX LTD. IPR-11 RECEIVER
 ELLIOT TRANSMITTER
 2.5 KW MG

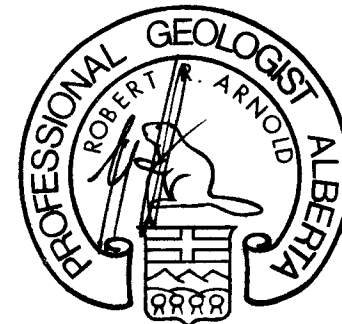



~~STRONG IP ANOMALY~~
ASSESSMENT REPORT

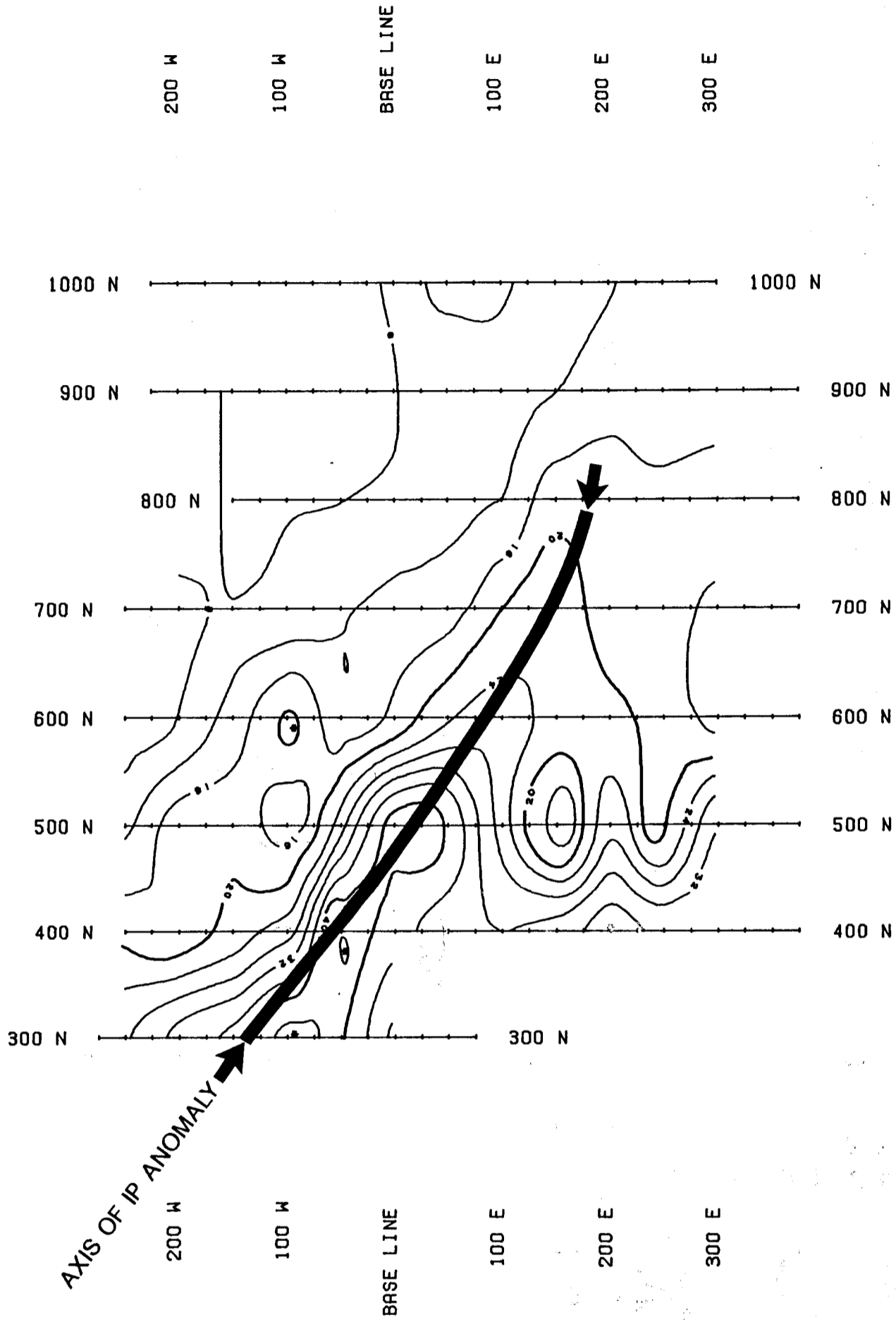
WEAK IP ANOMALY : 
18,917



S.J.V. CONSULTANTS LTD.



HOUSTON METALS CORP.			
TAM O'SHANTER PROPERTY			
INDUCED POLARIZATION SURVEY			
L 500 N PSEUDOSECTION			
GREENWOOD MINING DIVISION, B.C.			
	SCALE:	N.T.S:	FIGURE NO: 14
	1:2000	82E/2E	
	DRWN BY:	DATE:	FILE NO:
J.R.A.	NOV. 1988		
CHKO BY:	PROJECT NO:		
	88BC048		



LEGEND

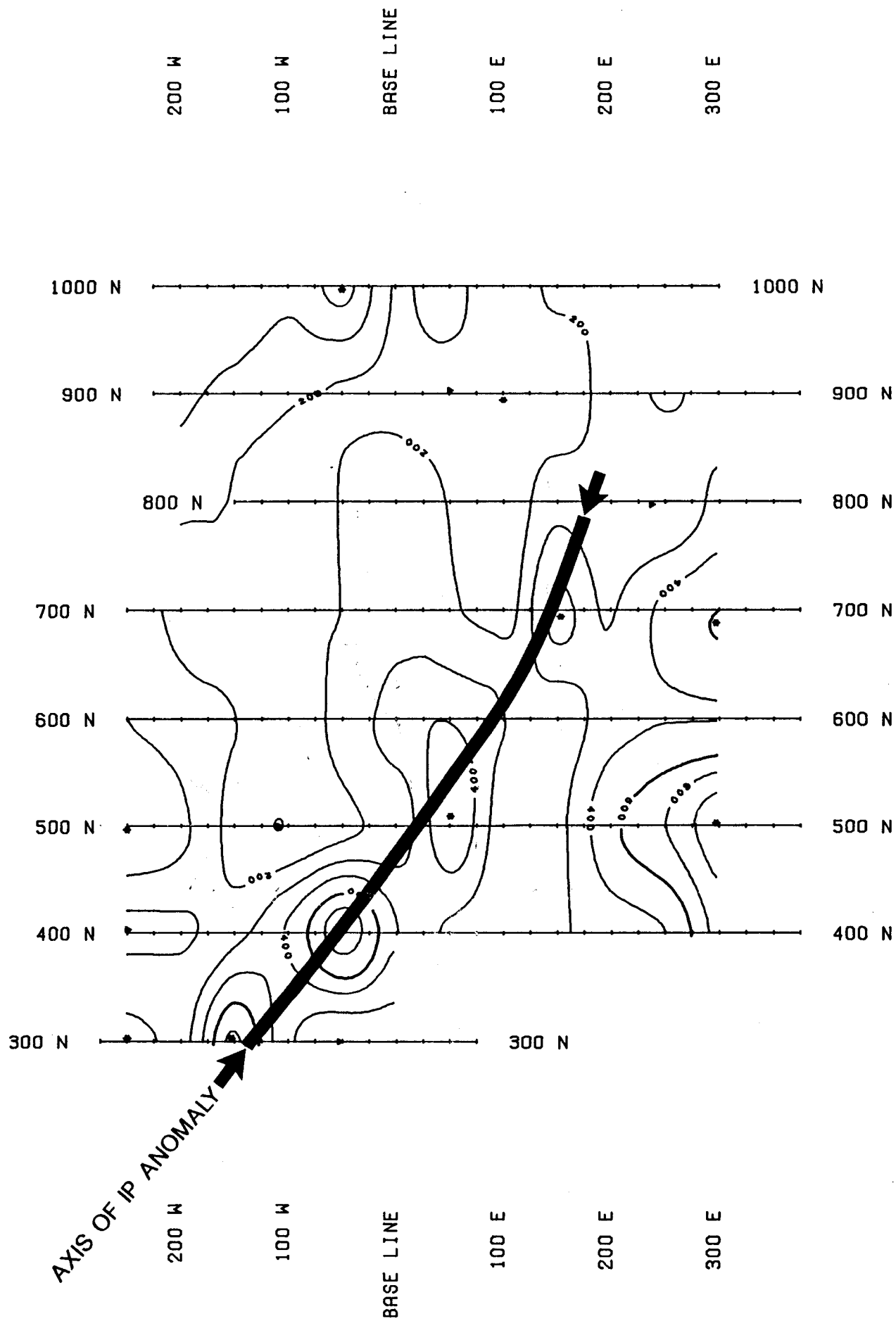
CONTOUR INTERVAL : 4 MSEC\SEC
 POSTED : 8 & 20 MSEC\SEC
 DARKENED : 20 MSEC\SEC
 FLAGS - STAR : LOCAL CHARGEABILITY HIGH
 ARRAY : POLE - DIPOLE
 POLE TO EAST, DIPOLE TO WEST
 A = 50 METRES N = 4
 TD = 510 MSEC TW = 180 MSEC/WINDOW
 INSTRUMENTATION :
 SCINTREX LTD. IPR-11 RECEIVER
 ELLIOT TRANSMITTER
 2.5 KW MG



METRES



HOUSTON METALS CORP.		
TAM O'SHANter PROPERTY		
INDUCED POLARIZATION SURVEY CHARGEABILITY CONTOURS - N = 4 GREENWOOD MINING DISTRICT, B.C.		
 R-TEC RESOURCE MANAGEMENT LTD.	SCALE:	FIGURE NO:
	1:5000	15
	DATE:	
	NOV. 1988	
CHD. BY:	PROJECT NO:	FILE NO:
J.R.A.	88BC048	

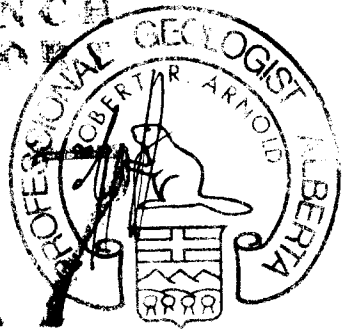


LEGEND

CONTOUR INTERVAL : 100 OHM-M
 POSTED : 200 & 500 OHM-M
 DARKENED : 500 OHM-M
 FLAGS - STAR : LOCAL RESISTIVITY HIGH
 - DIAMOND : LOCAL RESISTIVITY LOW
 ARRAY : POLE - DIPOLE
 POLE TO EAST, DIPOLE TO WEST
 A = 50 METRES N = 4
 TD = 510 MSEC TW = 180 MSEC/WINDOW
 INSTRUMENTATION :
 SCINTREX LTD. IPR-11 RECEIVER
 ELLIOT TRANSMITTER
 2.5 KW MG

GEOLOGICAL BRANCH
 AND SURVEYING BRANCH

18,917



METRES



HOUSTON METALS CORP.		
TAM O'SHANTER PROPERTY		
INDUCED POLARIZATION SURVEY RESISTIVITY CONTOURS - N = 4 GREENWOOD MINING DISTRICT, B.C.		
 N-TEC RESOURCE MANAGEMENT LTD.	SCALE: 1:5000	FIGURE NO: 16
	DATE: NOV. 1988	FILE NO:
	PROJECT NO: 88BC048	

S.J.V. CONSULTANTS LTD,