ARIS SUMMARY SHEET

District Geologist, Kamloops Off Confidential: 89.11.22

ASSESSMENT REPORT 18048 MINING DIVISION: Kamloops Nicola

PROPERTY: WRT
LOCATION: LAT 50 26 00 LONG 120 40 00
UTM 10 5589195 665712
NTS 092I07E
CLAIM(S): WRT 1,WRT 4,WRT 9-10,WRT 12-15
OPERATOR(S): Western Res. Tech.
AUTHOR(S): Crooker, G.F.;Rockel, E.R.
REPORT YEAR: 1988, 73 Pages
COMMODITIES SEARCHED FOR: Copper,Zinc,Gold,Silver
GEOLOGICAL SUMMARY:

The property is underlain by Upper Triassic Nicola Group volcanic rocks and derivatives. Shears and fractures contain copper and silver values. A carbonate-quartz-mariposite zone on the Meadow Creek Grid has yielded grab samples with gold values of up to 0.282 ounces per ton. A flow-pyroclastic contact has potential for stratabound massive sulphide mineralization.

WORK DONE: Geological,Geochemical,Geophysical,Physical
GEOL 200.0 ha
Map(s) - 1; Scale(s) - 1:2500
IPOL 6.0 km
Map(s) - 1; Scale(s) - 1:3000
LINE 16.2 km
ROCK 31 sample(s) ;ME
SOIL 403 sample(s) ;ME
Map(s) - 2; Scale(s) - 1:2500
MINFILE: 092ISE012,092ISE147,092ISE155,092ISE

GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT

on the

WRT 1 to 6 and 9-15 Claims

Logan Lake Area
Kamloops and Nicola Mining Divisions

92I-7E
(50° 26' N. Lat., 120° 40' W. Long.)

for

WESTERN RESOURCE TECHNOLOGIES INC.
6571 Cooney Road
Richmond, B.C.
V6Y 2J7
(Operator)

GRANT F. CROOKER
(Owner)

by

GRANT F. CROOKER, B.Sc., F.G.A.C.
Geologist

and

EDWIN R. ROCKEL, B. Sc., P.Geoph., P.Eng.
Geophysicist

November, 1988

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APPENDICES

ILLUSTRATIONS

SUMMARY AND RECOMMENDATIONS

The WRT property consists of 13 mineral claims covering 204 units in the Kamloops and Nicola Mining Divisions. The property is located approximately 10 kilometers east of Logan Lake in southern British Columbia. Western Resource Technologies Inc. of Richmond B.C. holds the option on the property from Grant Crooker of Keremeos, B.C..

Upper Triassic Nicola volcanic and sedimentary rocks with minor intrusives underlie the claims. Mining has been carried out on the property from the late 1880's, with six mineral occurrences having been documented. These include the Bertha/Molly, Plug (Meadow Creek), Chatrands, JHC, Rhyolite and Pom Pom.

The 1988 exploration program outlined in this report covers work on the Meadow Creek, Dupont Lake and Rhyolite Grids, and JHC and Pom Pom Showings. On the Meadow Creek Grid, fill-in lines and soil geochemical sampling as well as prospecting and geological mapping were carried out. A number of Induced Polarization lines were cut on the Dupont Lake Grid, and an Induced Polarization survey carried out. Geological mapping and prospecting were carried out on the Rhyolite Grid and a number of other areas of the property.

The program on the Meadow Creek Grid outlined a number of weak to moderate gold geochemical anomalies with values of up to 700 ppb gold. Several silver and copper geochemical anomalies were also outlined. Prospecting and sampling of the old trenches at the west central zone revealed weak to moderate carbonate+quartz±mariposite alteration over several hundred meters, with a grab sample (88-23) yielding gold and silver values of 7500 ppb (0.282 oz/ton) and 67.5 ppm respectively. Several soil samples taken from the same trench as sample 88-23 gave 70 and 150 ppb gold. Two grab samples taken of quartz±carbonate±mariposite schist with galena and sphalerite from the south central zone yielded 605 and 482 ppb gold, and 165.1 and 258.4 ppm silver.

On the Rhyolite Grid, investigation of a 1987 copper-zinc geochemical anomaly indicated a northwest trending zone of shearing with quartz and carbonate veinlets. Sampling of the zone gave weakly anomalous values of gold, silver, copper and zinc. The flow-pyroclastic contact at the Rhyolite Grid remains a target for massive sulphide mineralization.

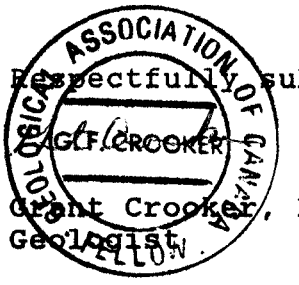
The I.P. Survey on the Dupont Lake Grid located a number of high chargeability zones. The best target is the chargeability high in the vicinity of 500E on line 366S, with a secondary target located between 50E and 150E on line 366S. These chargeability highs are believed to be caused by disseminated sulphides such as pyrite and chalcopyrite within bedrock.

The property contains targets for both precious and base metals. Additional work is warranted on the Meadow Creek, Dupont Lake and Rhyolite Grids as a result of the favourable results from the 1988 program. Recommendations are as follows:

1) The I.P. survey should be completed on the Dupont Lake Grid to close off the high chargeability zones. These zones should then be evaluated by surface prospecting, and if necessary trenching and/or drilling.

2) On the the Rhyolite Grid, trenching should be carried out over the poorly exposed zones with weakly anomalous gold, silver, copper and zinc values to fully evaluate them.

3) The geochemical anomalies and old trenches on the west central and south central zones of the Meadow Creek Grid should be evaluated by I.P. surveying, with follow up trenching and/or drilling.

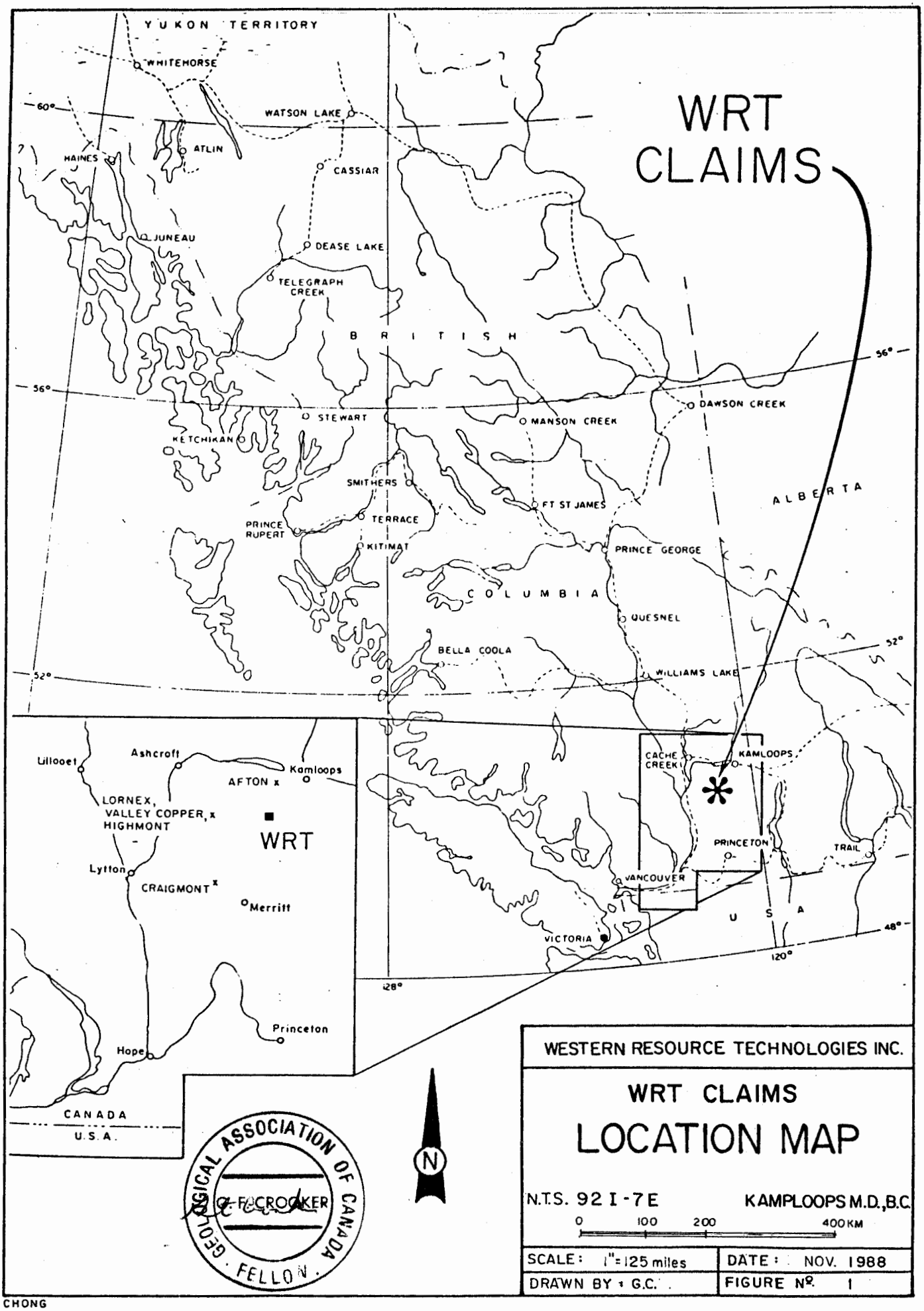


Respectfully submitted,

Grant Crooker, B,Sc., F.G.A.C.,
Geologist

Edwin R. Rockel, B.Sc., P.Geoph., P.Eng.,
Geophysicist

PERMIT TO PRACTICE
INTERPRETEX RESOURCES LTD.
Signature
Date Nov. 7, 1988
PERMIT NUMBER: P 3100
The Association of Professional Engineers, Geologists and Geophysicists of Alberta



WESTERN RESOURCE TECHNOLOGIES INC.

WRT CLAIMS
LOCATION MAP

N.T.S. 92 I - 7E

KAMLOOPS M.D., B.C.

0 100 200 400 KM

SCALE: 1" = 125 miles	DATE: NOV. 1988
DRAWN BY: G.C.	FIGURE Nº. 1

CHONG

1.0 INTRODUCTION

1.1 GENERAL

Field work was carried out on the WRT Claims by Grant Crooker, Geologist and two field assistants. The work program consisted of cutting IP lines on the Dupont Lake Grid and extending the grid and soil sampling on the Meadow Creek Grid. Geological mapping and prospecting were carried out on the Rhyolite and Meadow Creek Grids, as well as other areas of the property.

A field crew from Interpretex Resources carried out the Induced Polarization survey.

1.2 LOCATION AND ACCESS

The property (Figure 1) is located approximately 10 kilometers east of Logan Lake in southern British Columbia. The property lies between 50°25' and 50°28' north latitude and 120°35' and 120°44" west longitude (NTS 92I-7E).

Excellent access is given to the property by a network of roads. The Logan Lake-Kamloops Highway passes along the northern border of the claims and the Coquihalla Highway passes along the eastern border of the claims. Numerous two wheel drive and four wheel drive roads built by mining, logging and ranching interests cover the entire claim block.

1.3 PHYSIOGRAPHY

The property is located in the Interior Plateau of southern British Columbia. Topography is gentle to moderate with several steeper hills and elevation varies from 1100 to 1400 meters above sea level. A number of creeks drain the area and numerous lakes and swamps are found on the property. Snowfall is not excessive and water is usually available from the lakes and swamps.

Vegetation varies from open grassy meadows to a forest cover of jackpine and fir trees.

1.4 PROPERTY AND CLAIM STATUS

The WRT Claims (Figure 2) are owned by Grant Crooker of Keremeos, B.C. and are under option to and operated by Western Technologies Inc., 6571 Cooney Road, Richmond B.C., V6Y 2J7. The property consists of 13 claims covering 204 units.

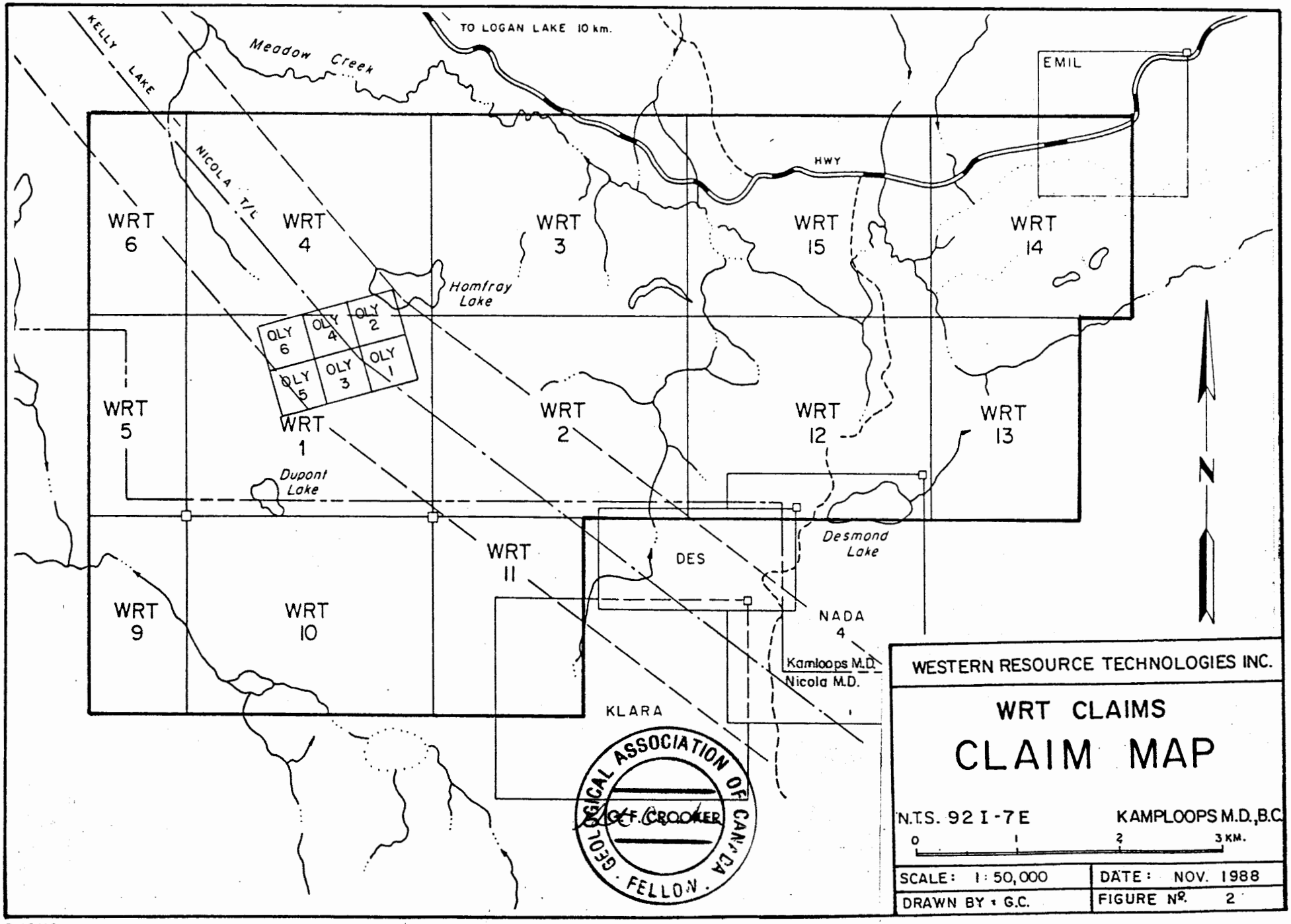
Claim	Units	Mining Division	Record Number	Record Date	Expiry* Date
WRT 1	20	Kamloops	006179	07/05/85	07/05/91
WRT 2	20	Kamloops	006180	07/05/85	07/05/90
WRT 3	20	Kamloops	006181	07/05/85	07/05/90
WRT 4	20	Kamloops	006182	07/05/85	07/05/92
WRT 5	8	Kamloops	006183	07/05/85	07/05/91
WRT 6	8	Kamloops	006184	07/05/85	07/05/91
WRT 9	8	Nicola	1614	07/05/85	07/05/91
WRT 10	20	Nicola	1615	07/05/85	07/05/91
WRT 11	12	Nicola	1616	07/05/85	07/05/91
WRT 12	20	Kamloops	006185	07/05/85	07/05/91
WRT 13	12	Kamloops	006186	07/05/85	07/05/90
WRT 14	16	Kamloops	006187	07/05/85	07/05/90
WRT 15	20	Kamloops	006188	07/05/85	07/05/91

* Upon Acceptance of this report

1.5 AREA AND PROPERTY HISTORY

The area encompassed by a triangle with apices at Ashcroft, Kamloops and Merritt has been, over the past century the scene of intense exploration activity. This activity culminated with the discovery and development of the porphyry copper molybdenum mines in the Highland Valley, the Craigmont mine near Merritt and the Afton mine near Kamloops. Earlier smaller mines with good copper-gold values were worked south of Kamloops Lake.

Prospecting and development has been carried out on the WRT Claims for almost 100 years. The documented showings on the property are the Bertha/Molly, JHC, Pom Pom, Chatrandts and Plug. Trenching, shaft sinking, drilling, prospecting, sampling and geophysical and geochemical surveys have been carried out on the property. Unfortunately most of the pertinent information from this work was not documented or has been lost.


TO LOGAN LAKE 10 km.
KELLY LAKE
Meadow Creek
NICOLA T/L
HWY
EMIL
WRT 6
WRT 4
WRT 3
WRT 15
WRT 14
Homfray Lake
QLY 6
QLY 4
QLY 2
QLY 5
QLY 3
QLY 1
WRT 5
WRT 1
WRT 2
WRT 12
WRT 13
Dupont Lake
Desmond Lake
WRT 11
DES
NADA 4
WRT 9
WRT 10
Kamloops M.D.
Nicola M.D.
KLARA
GEOLOGICAL ASSOCIATION OF CANADA
G.C.F. CROOKER
FELLON
N
WESTERN RESOURCE TECHNOLOGIES INC.
WRT CLAIMS
CLAIM MAP
N.T.S. 92 I-7E
KAMPLOOPS M.D., B.C.
0 1 2 3 KM.
SCALE: 1:50,000
DATE: NOV. 1988
DRAWN BY: G.C.
FIGURE No. 2

CHONG

Bertha/Molly Showing

This showing was first staked in 1888 by Wright and Fletcher. A shaft was sunk on the Main Showing (No. 1 Showing) and lodes 3 feet to 4.5 feet in thickness were discovered. In 1928 Meadow Creek Mines worked the Number 1 Showing and a few tons of high grade copper ore were sorted for shipment. Dunmore Mines Ltd. carried out road building, trenching and diamond drilling in 1954. A small mill was erected but the supergene copper minerals were not amenable to gravity concentration. Dunmore Mines reported drilling 17 diamond drill holes with no information retained but F.J. Hemsworth reported in 1957 that the holes encountered only sparse mineralization.

Highhawk Mines Ltd. and Consolidated Standard Mines Ltd. acquired ground in the vicinity in 1972. Approximately 17 line miles of grid was established northwest of Dupont Lake to encompass Showings No.2 and No.4. Soil geochemical and Induced Polarization surveys were conducted and two diamond drill holes totalling 750 feet were drilled to test the IP anomalies flanking copper geochemical responses. Both holes encountered fracture related and disseminated pyrite with no visible copper mineralization. The holes were not assayed and the claims were allowed to lapse.

JHC Showing

Vanex Minerals Ltd. acquired claims covering the JHC showing in 1958. They conducted magnetic surveys and physical work under the direction of Hill, Stark and Associates, Consulting Engineers. In 1959 Vanex drilled two holes in the JHC Showing area:

Hole No. 1

This hole was located approximately 3000 feet north of Homfray Lake and was drilled verticaly to a depth of 358 feet to test a magnetic high. The lower portion of the hole encountered a silicious, altered grey-green rock with considerable pyrite. No assays were reported but the recommendation
was made to extend the hole to 1000 feet.

Hole No. 2

This hole was located on the west shore of Homfray Lake and was drilled at minus 45 degrees to a depth of at least 293 feet. Altered volcanics were noted but no mineralization was reported and no reason was given for drilling the hole.

Craigmont Mines Limited staked claims in the area of the JHC showing in 1970. A small survey consisting of geological mapping, geochemical sampling and magnetic and IP surveying was conducted. Two holes totalling 800 feet were drilled but the location and results of the drilling are unknown.

Plug Showing

In 1972 Texada Mines Ltd. acquired the claims in the area of the Plug showing. Texada conducted geological mapping, magnetic and induced polarization surveying and soil geochemical sampling (Cu, Zn, Ag) over 14 line miles of grid. The coincidental targets were percussion drilled with eight holes totalling 1400 feet. The results are not documented and presumed to be unsuccessful in locating ecomomic concentrations of copper.

Pom Pom Showing

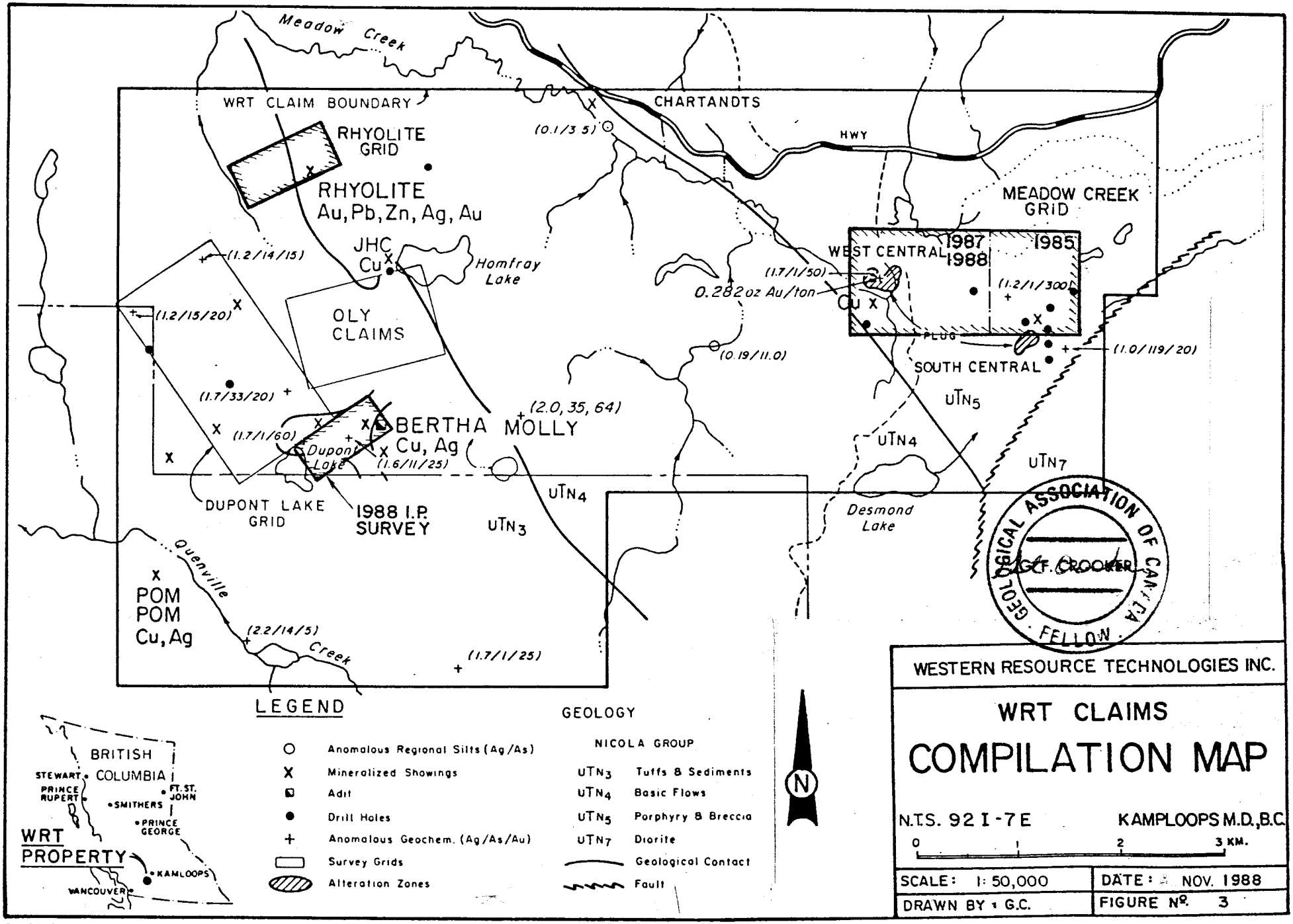
Newmont Mining Corporation of Canada staked the Pom Pom claims in 1973 after copper mineralization grading 0.17% Cu was discovered. A small grid was established and mapping, geochemical sampling and magnetic and IP surveying (one line mile) were conducted. Follow-up investigations were not conducted.

Chatrandts Showing

The Minister of Mines Report for 1916 describes the showing as consisting of several deep open cuts and a 40 foot long adit. The location is not well documented and no further information is available on the showing.

The 1985 program consisted of silt sampling all drainages on the claims, and establishing grids over the Bertha/Molly and Plug showings. Soil and rock geochemical sampling, prospecting and magnetic and VLF EM surveying were carried out over the grids. Anomalous copper, lead, zinc, gold, silver and arsenic values were found in silt and soil samples. As well, a number of VLF EM conductors and magnetic trends were found.

During 1987 work was carried out over the Rhyolite and Meadow Creek Grids. This program consisted of soil sampling, VLF EM and magnetometer surveying, geological mapping and prospecting. On the Meadow Creek Grid several gold soil geochemical anomalies were outlined with values up to 700 ppb and widespread quartz-carbonate-mariposite alteration noted in several old trenches. A north trending zinc-copper soil geochemical anomaly was outlined on the Rhyolite Grid.


Meadow Creek
WRT CLAIM BOUNDARY
CHARTANDTS
HWY
(0.1/3.5)
RHYOLITE GRID
RHYOLITE
Au, Pb, Zn, Ag, Au
JHC
Cu
Homfray Lake
(1.2/14/15)
(1.2/15/20)
OLY CLAIMS
(1.7/33/20)
(1.7/1/60)
Dupont Lake
BERTHA MOLLY
Cu, Ag
(1.6/11/25)
(2.0, 35, 64)
DUPONT LAKE GRID
1988 I.P. SURVEY
UTN3
UTN4
POM
POM
Cu, Ag
Quenville Creek
(2.2/14/5)
(1.7/1/25)
MEADOW CREEK GRID
WEST CENTRAL
1987
1988
1985
(1.7/1/50)
0.282 oz Au/ton
Cu
(1.2/1/300)
PLUG
(0.19/11.0)
SOUTH CENTRAL
(1.0/119/20)
UTN5
UTN4
UTN7
Desmond Lake
GEOLOGICAL ASSOCIATION OF CANADA
GEOF. CROOKER
FELLOW
LEGEND
GEOLOGY
Anomalous Regional Silts (Ag/As)
Mineralized Showings
Adit
Drill Holes
Anomalous Geochem. (Ag/As/Au)
Survey Grids
Alteration Zones
NICOLA GROUP
UTN3 Tuffs & Sediments
UTN4 Basic Flows
UTN5 Porphyry & Breccia
UTN7 Diorite
Geological Contact
Fault
BRITISH COLUMBIA
STEWART
PRINCE RUPERT
SMITHERS
FT. ST. JOHN
PRINCE GEORGE
KAMLOOPS
VANCOUVER
WRT PROPERTY
N
WESTERN RESOURCE TECHNOLOGIES INC.
WRT CLAIMS
COMPILATION MAP
N.T.S. 92 I-7E
KAMLOOPS M.D., B.C.
0 1 2 3 KM.
SCALE: 1:50,000
DATE: NOV. 1988
DRAWN BY: G.C.
FIGURE No. 3

CHONG

2.0 EXPLORATION PROCEDURE

During this program fill-in lines and soil sampling were carried out on the Meadow Creek Grid and IP lines cut on the Dupont Lake Grid. The locations of the grids and showings are shown on figure 3.

GRID PARAMETERS

Meadow Creek Grid

- -baseline direction north-south
- -survey lines perpendicular to baseline
- -survey line separation 50 meters
- -survey station spacing 25 meters
- -survey total - 8.0 kilometers (flagged only)

JHC Showing

- -baseline direction east-west
- -survey lines perpendicular to baseline
- -survey line separation 150 meters
- -survey station spacing 25 meters
- -survey total - 1.0 kilometers (flagged only)

Dupont Lake Grid

- -baseline direction 145°-325°
- -survey lines perpendicular to baseline
- -survey line separation 122 meters
- -survey station spacing 25 meters
- -survey total - 7.2 kilometers (cut IP lines, 1+ meter wide)

GEOCHEMICAL SURVEY PARAMETERS

Meadow Creek Grid

- -survey line separation 50 meters
- -survey sample spacing 25 meters
- -survey totals - 13.0 kilometers
  - 428 soil samples
  - 24 rock samples
- -348 soil samples analyzed by 12 element ICP and for Au
- -24 rock samples analyzed by 12 elememt ICP and for Au
- -sample depth 10 to 25 centimeters
- -sample taken from brown B horizon

JHC Showing

-survey line separation 150 meters
-survey sample spacing 25 meters
-survey totals - 1.0 kilometers
- 42 soil samples
-42 soil samples analyzed by 12 element ICP and for Au
-sample depth 10 to 25 centimeters
-sample taken from brown B horizon

All samples were sent to Min-En Laboratories Ltd., 705 West 15th Street, North Vancouver, B.C. for geochemical analysis. Laboratory techniques for geochemical analysis consists of preparing samples by drying at 95° C, and seiving or grinding to minus 80 mesh. A 12 element ICP analysis, and Au (aqua-regia digestion, atomic adsorption finish) are then carried out on the samples.

The soil geochemical data was plotted on figures 7 through 9 at a scale of 1:2500.

GEOPHYSICAL SURVEY PARAMETERS

Dupont Lake Grid

-Induced Polarization Survey
-survey line separation 122 meters
-survey station spacing 25 meters
-survey totals - 6.0 kilometers
-Huntec Mk IV induced polarization receiver
-Huntec Mk II 2.5 KW transmitter
-pole-dipole array
-electrode spacing - a = 25 meters, n = 1 to 6

Induced polarization and resistivity data have been presented as Fraser Filter contours on plan maps (figures GP-1 and GP-2 respectively) and in the form of pseudosections on figure GP-3.

3.0 GEOLOGY AND MINERALIZATION

3.1 REGIONAL GEOLOGY

The property lies within the Intermontane Belt of the Canadian Cordillera. Triassic Nicola volcanics underlie the claims and are in contact with the Jurassic Guichon Batholith to the west and the Jurassic Nicola Batholith to the east.

3.2 CLAIM GEOLOGY

The property is underlain by the Nicola Group volcanics of Upper Triassic age (Figure 4). The rocks are subdivided into three sub-units that seperate the property into three northwest trending rock domaims.

UTN3 - Western Portion

Plagioclase, plagioclase-augite intermediate pyroclastic and epiclastic breccia, conglomerate, tuff, sandstone, local shale; carbonate clasts common. Local augite porphyry bodies probably feeders to volcanics. These rocks host the Bertha/Molly and Pom Pom Showings.

UTN4 - Central Portion

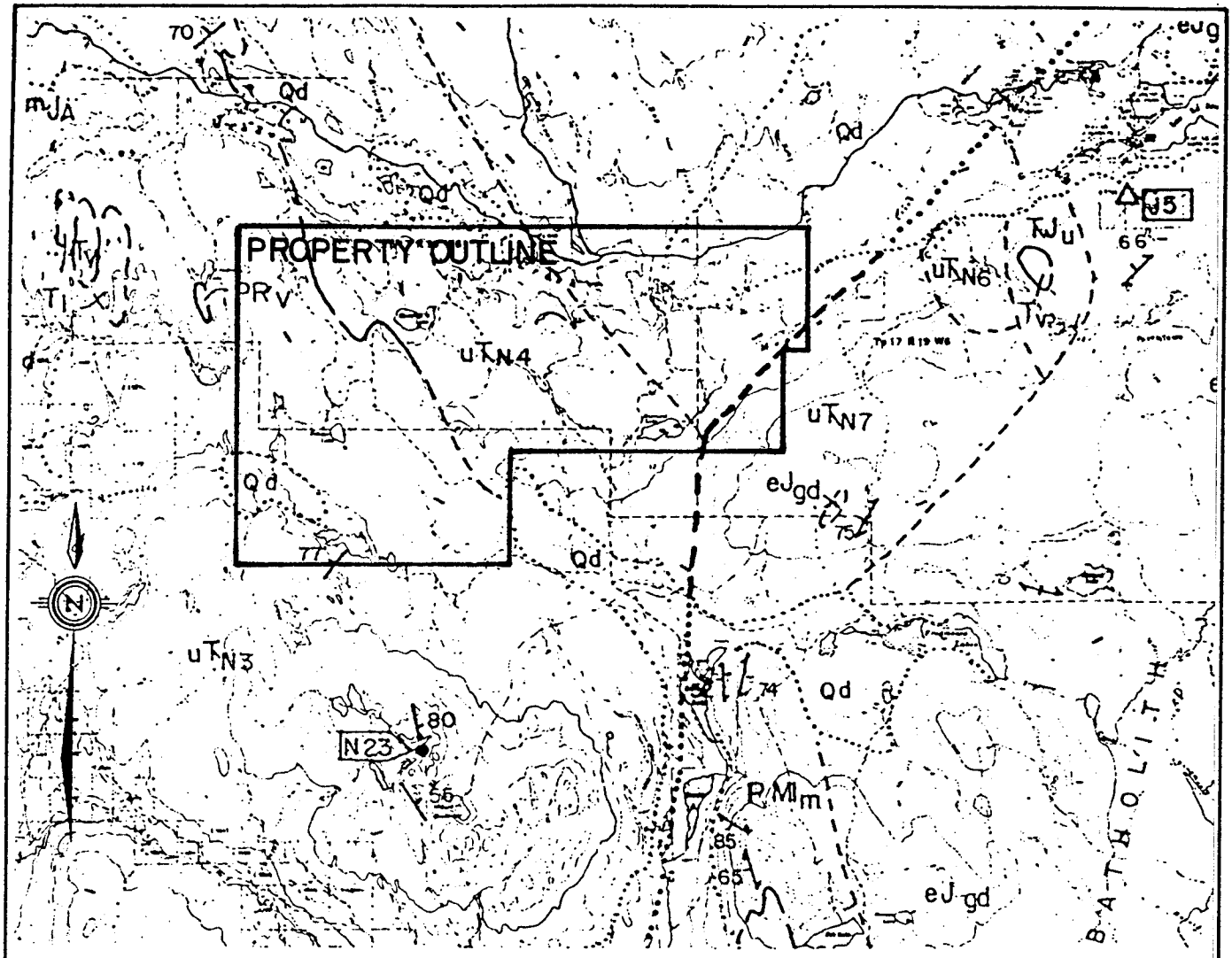
Aphanitic pillowed basic flows. This unit is in contact with UTN3. The contact zone hosts the Rhyolite and JHC Showings.

UTN5 - Eastern Portion

Augite porphyry, augite-plagioclase porphyry volcaniclastic breccia and tuff; interbedded argillite. This unit contains the Chartandts's Showing along its contact with the UTN4. The Plug (Meadow Creek Grid) Showing is associated with a quartz feldspar porphyry within the unit.

Rhyolite Grid

Geological mapping was carried out on the Rhyolite Grid (figure 6). The area is mainly underlain by a grey, green or black amygdaloidal basalt (unit 1). Varicoloured calcite amygdules ranging from 1 to 6 mm in diameter occur within an aphanitic groundmass. Several beds of maroon to green volcaniclastic breccia (unit 2) occur within the basalt. Maroon, subrounded to subangular clasts ranging up to 30 cm long by 15 cm wide occur within an aphanitic groundmass. Two northwest trending felsic dykes (unit 3) occur along the main road. The dykes appear to be 3 to 4 meters wide, and are light grey-green, aphanitic and siliceous. Pyrite content varying from 1/2 to 5% occurs within the felsic dyke.



LEGEND

KARNIAN AND NORIAN

- uT_N — NICOLA GROUP: undifferentiated
- $uT_{N1,1a}$ — NICOLA GROUP: basic to acidic, mainly volcaniclastic rocks and intercalated argillite; 1a acidic flows and volcaniclastics; local schistose equivalents mainly along Thompson River valley
- uT_{N2} — NICOLA GROUP: carbonate
- uT_{N3} — NICOLA GROUP: plagioclase, plagioclase-augite intermediate pyroclastic and epiclastic breccia, conglomerate, tuff, sandstone, local shale; carbonate clasts common. Local augite porphyry bodies probably feeders to N5 volcanics
- uT_{N4} — NICOLA GROUP: aphanitic, pillowed basic flows
- uT_{N5} — NICOLA GROUP: augite porphyry, augite-plagioclase porphyry volcaniclastic breccia and tuff; interbedded argillite
- uT_{N6} — NICOLA GROUP: argillite, siltstone, volcanic sandstone, local intercalated tuff. Rocks along North Thompson River contain interbedded chert pebble conglomerate, chert arenite local carbonate, and minor augite/hornblende porphyry. Northeast of Kamloops, these strata are as old as Middle Triassic
- uT_{N7} — NICOLA GROUP: variably foliated diorite, amphibolite, metasedimentary rocks, probably equivalent to N5, N6; associated with Nicola, Wild Horse and Pennask Batholiths
- Geological boundary (defined, approximate, assumed)
- Fault (defined, approximate, assumed, extension beneath drift)

0 5

KILOMETRES

WESTERN RESOURCE TECHNOLOGIES INC.

WRT CLAIMS

PROPERTY GEOLOGY

N.T.S. 92 I-7E KAMLOOPS M.D., B.C.

SCALE: 1:125,000	DATE: NOV. 1988
DRAWN BY: G.C.	FIGURE Nº. 4

CHONG

3.3 MINERALIZATION

The mineralization on the property consists of sulphide minerals related to shears, fractures and disseminations within a variety of rock types. Minerals found at the showings include pyrite, chalcopyrite, cuprite, bornite, chalcocite, malachite and azurite. Various alteration patterns such as chlorite-epidote, calcite, silica and mariposite-carbonate occur on the property.

Meadow Creek (Plug) Showing

Mineralization at the "west central" zone (Figure 5) along Meadow Creek consists of carbonate+quartz±mariposite alteration of andesite, lapilli tuff and limey sediments. Outcrop is scarce in the area and several old trenches have sloughed in. However weak to moderate carbonate±carbonate alteration with lesser mariposite was noted at a number of locations. The mariposite alteration is significant as it is often associated with precious metal mineralization.

A number of samples of carbonate altered material were taken from the west central zone and several showed anomalous values in gold and silver. The most significant sample (88-23, grab) was taken from trench B and gave 7500 ppb Au (0.282 oz/ton) and 67.5 ppm Ag. A second sample (88-25, grab) taken from the trench also gave anomalous values of 436 ppb Au and 12.2 ppm Ag. Most of trench B has sloughed in and the mineralization was not located in outcrop.

Two samples of float were taken from the "south central" zone near an old drill site. A quartz±carbonate±mariposite schist contains galena and sphalerite with minor chalcopyrite. The samples gave anomalous gold values of 605 and 482 ppb and silver values of 165.1 and 258.4 ppm (5 and 7.5 ozs/ton).

Rhyolite Showing

Mineralization at the Rhyolite Grid (Figure 6) occurs near a flow-pyroclastic contact within Nicola volcanic rocks. A copper-zinc geochemical anomaly was outlined by the 1987 program. Mineralization at 100N and 075E is related to narrow quartz-carbonate veinlets and shearing within basalt. Several old trenches indicate the zone strikes approximately 335°-345° and dips steeply west. The zone is poorly exposed and of unknown dimensions. Pyrite is present locally in concentrations of up to 20%, with minor chalcopyrite, azurite, malachite and sphalerite. Sampling indicated weakly anomalous gold (41 ppb), silver (4.1 ppm), copper (3770 ppm) and zinc (2183 ppm) values.

The proximity of these showings to the flow-pyroclastic contact makes the area a target for stratabound massive sulphide mineralization.

180+50E

181+50E

182+50E

Andesite
weak quartz + carbonate alt.

TRENCH E
5
20
5
9400 N

5
88-28 (12, .6) grab
Andesite calcite vein, epidote
5
TRENCH D

5
TRENCH C
bleached andesite
minor quartz + carbonate
88-27 (1, 1.1)

lapilli tuff

88-12 (14, 1.5) 1.0
88-13 (2, 1.6) 1.0
88-14 (1, 1.8) 1.0
88-15 (10, 1.8) 1.0

lapilli tuff,
carbonate
± maniposite

Weak carbonate alt.

88-16 (1, 1.7) grab
88-17 (2, .6) grab
88-18 (2, 1.1) grab

65
Pyrite, hematite

lapilli tuff epidote

88-23 (7500, 67.5)
pyrite
5
10
70
150
20
88-25 (436, 12.2)
88-26 (64, 3.2)

TRENCH B
minor quartz + carbonate
± mariposite alt.
88-24 (2, 3.7) 2.3

88-21 (34, 1.1)
88-22 (3, .8)
5
5
TRENCH A
float, quartz + carbonate
± mariposite alt.
5
88-20 (1, 1.0)

9300N

LEGEND

- Creek
- Trench
- Shearing & dip
- Grid station
- Outcrop
- ○ 5 — Soil sample, Au ppb
- △88-12 (14, 1.5) 1.0 — Bedrock Nº (Au ppb, Ag ppm) width, m.
- ⬡ 88-6 (10, 1.1) — Float " (" " , " ")

GEOLOGICAL ASSOCIATION OF CANADA
G. F. CROCKER
FELLOW

WESTERN RESOURCE TECHNOLOGIES INC.

WRT CLAIMS
MEADOW CREEK GRID
GEOLOGY

N.T.S. 92 I-7E — KAMPLOOPS M.D., B.C.

0 20 40 60 KM.

SCALE: 1:1000	DATE: NOV. 1988
DRAWN BY: G.C.	FIGURE Nº 5

CHONG

3.4 PROSPECTING

Prospecting was carried out over the Meadow Creek and Rhyolite Grids and the JHC and Pom Pom? Showings.

Traverses were made along all lines on the Meadow Creek Grid. However outcrop is virtually nonexistant with the exception of the old trenching at the west central and south central zones.

Very little outcrop is exposed in the area around the JHC Showing, and no mineralization was noted.

Prospecting at the Pom Pom? Showing located a number of old trenches with scattered outcrops of maroon volcanics. Minor fracturing with epidote and calcite was noted in several locations. One sample of float containing white calcite veinlets with chalcocite and malachite gave 17552 ppm Cu. A number of soil samples were collected from the trenches but they did not show anomalous precious or base metal values.

4.0 GEOCHEMISTRY

4.1 SOIL GEOCHEMISTRY

The fill-in sampling on the Meadow Creek Grid from the 1988 program was plotted on the 1987 base maps. This sampling caused the configurations of the 1987 anomalies to be modified somewhat.

Background and anomalous values were chosen as follows:

ELEMENT	BACKGROUND	ANOMALOUS
Au ppb	5	≥ 10
Ag ppm	.92	≥ 1.4
Cu ppm	29	≥ 44
Zn ppm	44	≥ 66

Meadow Creek Grid

Gold

Gold values ranged from 5 to 590 ppb and a number of weak to moderate anomalies were outlined. Clusters of 10 ppb values with at least one value greater than 10 ppb were considered anomalies.

Anomaly Au-1 occurs north of Meadow Creek in an area with no outcrop. The highest value within the anomaly is 590 ppb.

Anomaly Au-2 is a weak anomaly occuring along the southern part of the grid. It extends intermittently over a strike length of 1100 meters, and has one value of 175 ppb within it.

Anomaly Au-3 is a weak east-west anomaly occuring around the trenching on the west central zone (figure 3), and is presumably associated with the carbonate±quartz±mariposite alteration exposed there. Two soil samples taken from trench B yielded 70 and 150 ppb Au respectively.

Anomaly Au-4 is a small anomaly containing one 1987 sample which gave 615 ppb gold. Prospecting in the area in 1988 located a small amount of carbonate float, although it did not contain anomalous gold or silver values.

Anomaly Au-5 is a small anomaly containing one 1987 sample which gave 700 ppb gold.

Silver

Silver values ranged from 0.10 to 4.9 ppm and three small anomalies were indicated.

Anomaly Ag-1 is a four sample anomaly which occurs immediately south of the trenching on the west central zone. It may represent an extension of the carbonate alteration and associated precious metal mineralization in the trenches.

Anomaly Ag-2 is a small anomaly occuring within part of the Au-2 anomaly. It occurs coincidentally with a 175 ppb gold value.

Anomaly Ag-3 is a small anomaly occuring north of the trenching on the west central zone, and again may represent an extension of the alteration and associated precious metal mineralization in the trenches.

Copper

Copper values ranged from 4 to 166 ppm and four anomalies were outlined.

Anomaly Cu-1 occurs north of the trenching on the west central zone and appears to follow the Meadow Creek drainage. It appears to be at least in part caused by organic samples taken from the creek bottom.

Anomaly and Cu-2 was outlined by the 1987 survey and no cause is apparent for the anomaly.

Anomalies Cu-3 and Cu-4 occur in the south and central portions of the grid and appear to represent a northwest trending zone.

Zinc

Zinc values ranged from 3 to 119 ppm, and no anomalies were outlined by the survey.

With the exception of the trenching at the west central zone and a few scattered outcrops along Meadow Creek in the same area, no outcrop is exposed within the grid. There are no obvious causes for the geochemical anomalies.

JHC Showing

Two short lines of soil samples were taken west of Homfray Lake in the vicinity of the JHC Showing. A few scattered values of gold, silver and copper were anomalous. A large number of samples were anomalous for zinc.

5+00N

10, 1.0, 9, 91
5, 1.0, 13, 76
5, 1.3, 10, 51
5, 1.2, 24, 60
5, .9, 7, 127
10, 1.8, 13, 88
5, 1.1, 23, 81
5, 1.0, 13, 144
5, 1.3, 11, 92
60, 1.1, 7, 71

2+50 N

5, .9, 10, 76
5, 1.4, 12, 55
5, 1.8, 16, 66
5, 1.1, 7, 66
5, 1.2, 9, 85
5, 1.2, 8, 77
5, 1.3, 9, 66
10, 1.4, 9, 88
5, 1.4, 10, 58
5, 1.4, 10, 43
5, .9, 9, 59

00

5, 1.0, 9, 59
5, 1.4, 10, 65
5, 1.1, 9, 74
5, 1.4, 10, 68
5, 1.5, 10, 78
10, 1.1, 7, 81
5, 1.3, 20, 77
5, 1.1, 14, 52
5, 1.2, 19, 63
5, .8, 29, 54
10, 1.2, 64, 50
5, 1.2, 11, 50
5, .8, 49, 67
5, 1.8, 15, 40
5, .8, 13, 83
10, .7, 8, 111
5, 1.4, 9, 78
5, 1.4, 5, 57
5, 1.4 13, 104
20, 1.1, 12, 81
15, 1.0, 6, 65

10, 1.4, 50, 75 SOIL SAMPLE
Au in ppb, Ag, Cu, Zn in ppm

Au ⩾10 ppb anomalous
Ag ⩾1.4 ppm "
Cu ⩾44 " "
Zn ⩾66 " "

ANOMALOUS VALUES IN LARGE CASE NUMBERS

HOMFRAY

LAKE

JHC SHOWING

L-B

L-A

OLY CLAIMS

N

GEOLOGICAL ASSOCIATION OF CANADA
G. F. CROCKER
FELLOW

WESTERN RESOURCE TECHNOLOGIES INC.

WRT CLAIMS
JHC SHOWING
SOIL GEOCHEMISTRY
Au, Ag, Cu, Zn

N.T.S. 92 I-7E KAMPLOOPS M.D., B.C.

0 50 100 150 metres

SCALE: 1:2500	DATE: NOV 1988
DRAWN BY: G.C.	FIGURE No. 9

CHONG

Correlation Coefficients

The inter-element correlation coefficients from the 1987 survey indicated that the following elements have good correlation (in decreasing order):

- -gold (very weakly) with boron and molybdenum
- -silver with cobalt, copper, arsenic, lead and antimony
- -copper with zinc, boron, barium, cobalt and silver
- -zinc with copper, boron, barium and lead

5.0 GEOPHYSICS

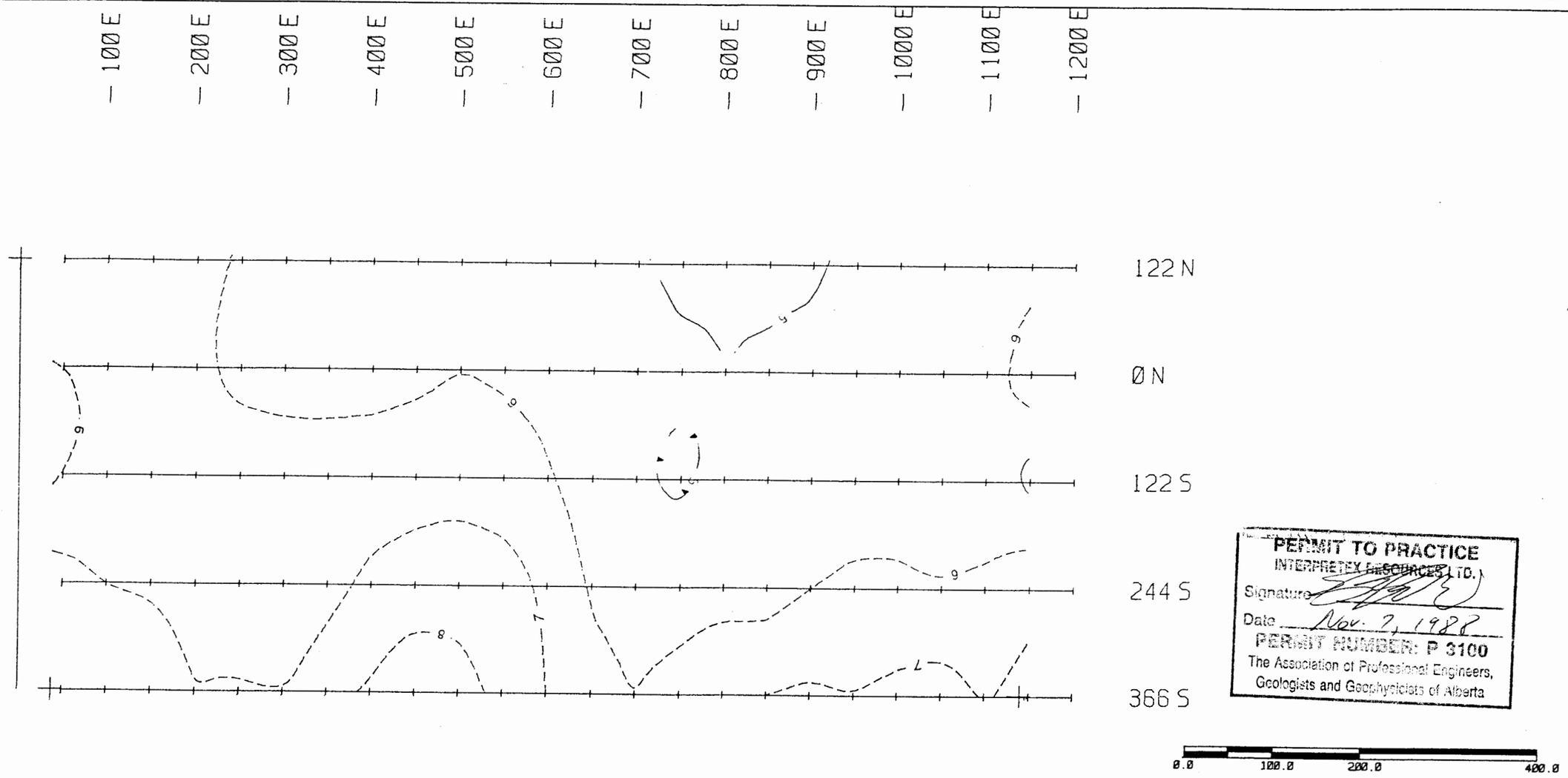
5.1 DUPONT LAKE GRID

This survey covers lines 366S, 244S, 122S, 0 and 122N from the baseline to 1200E. Induced polarization data showed a low background chargeability within a low resistive environment.

Contours of Fraser Filtered apparent chargeability values show a limited and low intensity zone of high chargeability in the vicinity of 500E on lines 366S, 244S, and 122S. Examination of pseudosection plots shows that this chargeable zone appears to be one of three or perhaps four seperate anomalous areas. These seperate zones are evident on line 366S and, along with the main zone at 500E, appear to fade out, possibly deepening to the north. The anomalous chargeability in this zone is believed to be caused by disseminated sulphides such as pyrite and chalcopyrite within bedrock.

Since the anomalous chargeability trends appear to be strengthening and coming closer to the surface toward the south, it is probable that additional survey to the south of line 366S will provide stronger chargeability values and will more clearly define the deeper zones.

A small chargeable body can be seen near surface on line 366S at about 100E. Lack of subsurface points near the beginning of the line prevents an estimation of its extent, however from data available, it appears that this feature has limited depth and lateral extent. This anomaly is probably caused by sulphides within bedrock as in the previous case.



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Date Nov. 7, 1988
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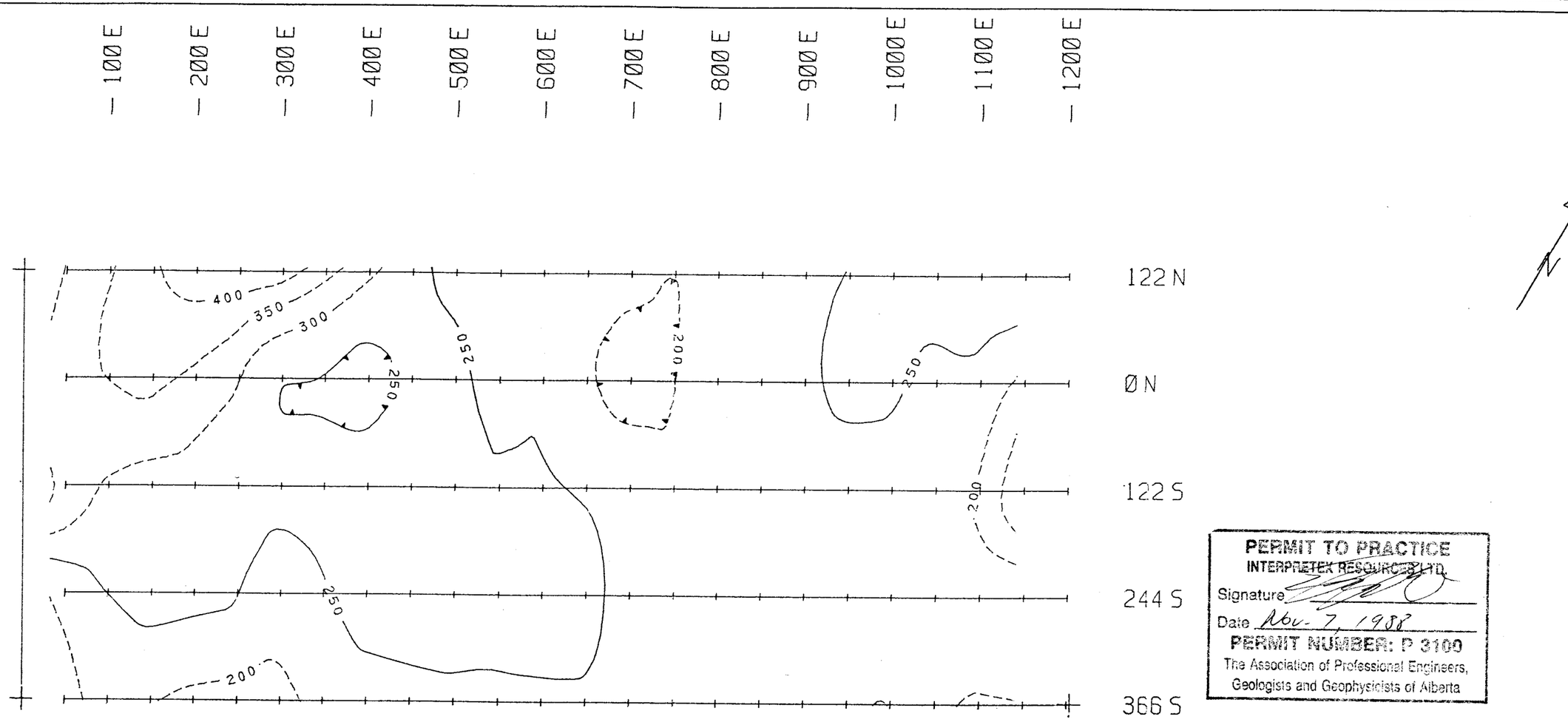
0.0 100.0 200.0 400.0 METRIC

SURVEYED BY: INTERPRETEX RESOURCES LTD.	DRAWN BY: INTERPRETEX	WESTERN RESOURCE TECHNOLOGIES VANCOUVER, B.C.	DUPONT LAKE GRID - CHARGEABILITY MAP LOGAN LAKE AREA, KAMLOOPS MINING DIVISION, BRITISH COLUMBIA FRASER FLTR CONTOURS REPORT BY: GRANT CROOKER & E.R. ROCKEL DATA COMPILATION BY: INTERPRETEX RES.	SCALE: 1:5000
FRASER FILTER CHARGEABILITY VALUES	DATE: NOV. 1, 1988			PROJECT NO.: 88614
CONTOUR INTERVAL = 1.0 MILLISECONDS	FIGURE # GP - 1			N.T.S. NO.: 92 I/7E



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SURVEYED BY: INTERPRETEX RESOURCES LTD.	DRAWN BY: INTERPRETEX	WESTERN RESOURCE TECHNOLOGIES VANCOUVER, B.C.	DUPONT LAKE GRID - RESISTIVITY MAP LOGAN LAKE AREA, KAMLOOPS MINING DIVISION, BRITISH COLUMBIA FRASER FLTR CONTOURS REPORT BY: GRANT CROOKER & E.R. ROCKEL DATA COMPILATION BY: INTERPRETEX RES.	SCALE: 1:5000
FRASER FILTER RESISTIVITY VALUES	DATE: NOV. 1, 1988			PROJECT NO.: 88614
CONTOUR INTERVAL = 250 OHM-METERS	FIGURE # GP - 2			N.T.S. NO.: 92 I/7E

6.0 DISCUSSION

6.1 DUPONT LAKE GRID

From a geophysical standpoint the best target for follow-up is the high chargeability zone in the vicinity of 500E on line 366S. Initial follow-up work should involve surface examination of the high chargeability between stations 400E and 600E in order to determine if sulphide mineralization can be observed at surface. If overburden cover prevents observation of bedrock, then drilling should be considered. Before drilling takes place additional induced polarization survey coverage is recommended to the south of line 366S in order to determine the strike length of the zone and intensity of anomalous chargeability. Based on these new data additional drill locations may be planned.

Surface examination is also warranted on line 366S between station 50E and 150E to test for surface mineralization. Before drilling is considered, additional information regarding the size and extent of this feature is required. Additional I.P. survey data both to the west and to the south should be obtained.

6.2 RHYOLITE GRID

Follow-up prospecting of a copper-zinc geochemical anomaly outlined by the 1987 program located a northwest trending zone of shearing with quartz and carbonate veinlets. Samples of the material gave weakly anomalous values in gold, silver, copper and zinc. As the zone is poorly exposed and of unknown dimensions, several trenches should be cut across the zone to throughly evaluate it.

6.3 MEADOW CREEK GRID

Work on the Meadow Creek Grid has outlined a number of weak to moderate gold geochemical anomalies, along with silver and copper geochemical anomalies. Gold values in soils are as high as 700 ppb.

The west central zone appears to be the most significant at this time. Several sloughed trenches show strong carbonate±quartz±mariposite alteration and a grab sample of the material gave 7500 ppb gold (0.282 oz/ton) and 67.5 ppm silver. Two soil samples taken from the same trench as the anomalous rock sample gave gold values of up to 150 ppb gold. Lack of outcrop in the area makes evaluation of the zone difficult, and follow-up I.P. surveying, along with trenching and/or drilling will be needed to evaluate the zone.

Several samples of quartz±carbonate mariposite schist float with galena and sphalerite were found on the south central zone. The samples gave anomalous gold values of 605 and 482 ppb and silver values of 165.1 and 258.4 ppm. The old trenches in the area have sloughed in, and I.P. surveying and trenching will be needed to evaluate this zone.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The 1988 program was successful in further defining a number of precious and base metal geochemical anomalies on the Meadow Creek Grid. In addition, one rock sample from the west central zone gave 0.282 oz/ton gold.

The I.P. survey conducted on the Dupont Lake Grid showed a number of high chargeability zones which are believed to be caused by disseminated sulphides such as pyrite and chalcopyrite within bedrock.

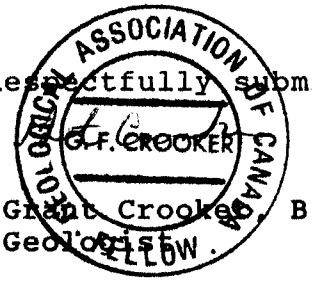
Additional work is warranted on the Meadow Creek, Dupont Lake and Rhyolite Grids as a result of the favourable results from the 1988 program. Exploration should be continued for both precious and base metals. Recommendations are as follows:

1) The I.P. survey should be completed on the Dupont Lake Grid to close off the high chargeability zones. These zones should then be evaluated by surface prospecting, and if necessary trenching and/or drilling.

2) On the the Rhyolite Grid, trenching should be carried out over the poorly exposed zones with weakly anomalous gold, silver, copper and zinc values to fully evaluate them.

3) The geochemical anomalies and old trenches on the west central and south central zones of the Meadow Creek Grid should be evaluated by I.P. surveying, with follow up trenching and/or drilling.

Respectfully submitted,



Grant Crocker, B,Sc., F.G.A.C.,
Geologist

Edwin R. Rockel, ~~B.Sc., P.Geoph., P.Eng.~~,
Geophysicist

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8.0 REFERENCES

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_____, (March 1988): Geological, Geochemical and Geophysical Report on the WRT 1 to 15, 92I-7E, for Western Resource Technologies.

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Assessment Reports

Report No.	Author	Company	Year	Type of Work
228	McBeath, S.	Vanex Minerals Ltd.	1958	Magnetometer Survey
234	Hill, Henry	Vanex Minerals Ltd.	1958	Magnetometer Survey
265	Hill, Henry	Dunmore Mines Ltd.	1959	Magnetometer Survey
266	Hill, Henry	Vanex Mines Ltd.	1959	Magnetometer Survey
3763	White, G.E.	Consolidated Standard Mines Ltd.	1972	Geochemical Survey
3764	White, G.E.	Consolidated Standard Mines Ltd.	1972	Induced Polarization Survey
4041	Nordin, G. Deleen, J.	Texada Mines Ltd.	1972	Soil Samples Magnetometer Survey
4042	Scott, A. Cochrane, D.R.	Texada Mines Ltd.	1972	Induced Polarization Self-Potent.
7268	Sookochoff, L.	Thunderbolt Resources Ltd.	1979	Magnetometer VLF Surveys

9.0 CERTIFICATE OF QUALIFICATIONS

I, Grant F. Crooker, of Upper Bench Road, Keremeos, in the Province of British Columbia, hereby certify as follows:

1. That I graduated from the University of British Columbia in 1972 with a Bachelor of Science Degree in Geology.

2. That I have prospected and actively pursued geology prior to my graduation and have practised my profession since 1972.

3. That I am a member of the Canadian Institute of Mining and Metallurgy.

4. That I am a Fellow of the Geological Association of Canada.

5. That I am the owner of the WRT Claims.

Dated this 7th day of Nov, 1988, at Keremeos, in the Province of British Columbia.

GEOLOGICAL ASSOCIATION OF CANADA
G.F. CROOKER
FELLOW

Grant F. Crooker, B.Sc., F.G.A.C.
Consulting Geologist

CERTIFICATE OF QUALIFICATIONS

I, Edwin Ross Rockel, hereby certify that:

1. I am a Consulting Geophysicist and owner of Interpretex Resources Ltd. of Box 48239 Bentall P.O., in the city of Vancouver, in the Province of British Columbia.

2. I currently reside at 6571 Cooney Rd., in the city of Richmond, in the Province of British Columbia.

3. I obtained a Bachelor of Science Degree in Geophysics and Geology in 1966 from the University of British Columbia.

4. I have been practicing my profession as an Exploration Geophysicist since 1967.

5. I am a Professional Geophysicist registered in the Province of Alberta.

6. I am a Professional Engineer registered in the Province of Saskatchewan.

7. I am a Certified Professional Geological Scientist registered in the United States of America.

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Nov. 7, 1988
Date:

Edwin Ross Rockel, B.Sc., P.Geoph.

Appendix I

CERTIFICATES OF ANALYSIS

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CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Analytical Report

Company:GRANT CROOKER
Project:WRT CLAIMS
Attention:G.CROOKER

File:8-1370
Date:SEPT.14/88
Type:ROCK & SOIL

Date Samples Received :AUG.28/88
Samples Submitted by :G.CROOKER

Report on .....403 SOILS,...31 ROCKS..... Geochem Samples
.....
..... Assay Samples
.....

Copies sent to:
1. GRANT CROOKER, KEREMEOS, B.C.
2.
3.

Samples: Sieved to mesh ...-80(SOIL)... Ground to mesh ...-150(ROCK)...

Prepared samples stored:.....X..... discarded:.....
rejects stored:..... discarded:.....X.....

Methods of analysis:

12 ELEMENT TRACE ICP
AU-FIRE ASSAY
AU-WET GEOCHEM
AU-FIRE GEOCHEM

Remarks

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705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: GRANT CROOKER
Project: WRT CLAIMS
Attention: G. CROOKER

File: 8-1370/P1
Date: SEPT. 6/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
88 LR 023	9.68	0.282

Certified by _____

MIN-EN LABORATORIES LTD.

COMPANY: GRANT CROOKER — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1

PROJECT NO: WRT CLAIMS — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 8-1370/P1+2

ATTENTION: G.CROOKER — (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * — DATE:SEPTEMBER 6, 1988

(VALUES IN PPM)	AG	AS	B	BA	BI	CO	CU	MO	NI	PB	SB	ZN	AU-PPB	
88LR001	.4	1	3	178	2	40	56	7	75	26	1	78	2	
88LR002	4.1	1	2	35	1	32	3770	12	37	46	2	387	24	
88LR003	.2	29	3	12	6	31	326	8	41	7	3	974	7	
88LR004	2.6	18	1	21	6	29	303	19	33	40	1	2183	41	
88LR005	.4	10	3	6	5	32	206	40	11	20	1	1951	16	
88LR006	4.4	59	1	45	11	15	93	10	18	28	14	122	5	
88LR007	2.6	19	3	45	2	53	175	5	529	9	1	27	9	
88LR008	2.4	6	21	169	8	18	17552	8	26	27	4	22	1	
88LR009	1.9	31	1	61	4	20	229	10	22	19	3	54	3	
88LR010	1.4	14	1	808	4	22	77	7	15	18	3	31	1	
88LR011	.3	25	3	636	2	38	9	7	20	10	4	55	35	
88LR012	1.5	3	3	45	2	49	25	3	482	7	1	5	14	
88LR013	1.6	21	3	25	2	51	26	3	479	6	1	7	2	
88LR014	1.8	1	3	31	3	47	4	3	407	13	1	6	1	
88LR015	1.8	15	3	34	3	53	13	3	488	12	1	5	10	
88LR016	1.7	12	1	207	4	18	18	8	38	14	1	31	1	
88LR017	.6	20	3	618	3	41	39	4	342	16	1	20	2	
88LR018	1.1	1	4	15	1	46	11	4	443	12	2	6	2	
88LR019	.8	15	3	446	3	31	55	6	24	11	3	56	25	
88LR020	1.0	7	3	167	1	51	106	7	445	13	1	16	1	
88LR021	1.1	9	2	220	2	45	20	5	360	8	1	16	34	
88LR022	.8	12	3	221	3	45	19	6	425	8	1	17	3	
88LR023	67.5	1	1	134	3	18	96	6	113	58	3	15	7500	
88LR024	3.7	37	1	197	7	18	44	9	46	19	9	20	2	
88LR025	12.2	5	1	19	1	23	11	4	247	15	1	25	436	.015
88LR026	3.2	1	2	66	3	42	50	3	482	11	2	6	64	
88LR027	1.1	5	4	192	3	29	81	7	21	11	1	53	1	
88LR028	.6	21	4	529	3	28	187	7	19	16	5	61	12	
88LR029	165.1	183	2	24	1	44	553	3	387	2158	139	2737	605	.018
88LR030	258.4	101	1	18	5	23	442	7	141	2901	285	1783	482	.014
88LR031	5.3	50	1	20	7	15	19	9	16	56	13	76	2	

COMPANY: GRANT CROOKER | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: WRT CLAIMS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-1370S/P1+2

ATTENTION: GRANT CROOKER | (604)980-5814 OR (604)988-4524 | # TYPE SOIL GEOCHEM # | DATE:SEPT 13, 1988

(VALUES IN PPM)	AG	AS	B	BA	BI	CO	CU	MO	NI	PB	SB	ZN	AU-PPB
88LS-01	.6	1	6	212	6	18	14	2	36	15	2	90	5
88LS-02	1.4	5	4	150	8	16	15	3	11	13	1	40	5
88LS-03	.9	27	4	136	8	19	30	3	18	11	2	50	5
88LS-04	1.1	33	6	151	10	21	42	3	22	12	3	46	5
88LS-0540M	.8	5	9	179	12	27	102	2	35	20	3	72	5
88LS-0640M	.8	43	9	212	11	29	71	3	51	20	3	82	5
88LS-0740M	1.1	41	10	174	10	26	97	2	35	36	3	82	10
88LS-0840M	.7	36	8	171	9	24	94	3	48	19	1	56	5
88LS-0940M	.9	34	7	185	10	25	66	3	47	18	4	60	5
88LS-1040M	.9	6	7	267	10	26	65	3	57	20	3	64	5
88LS-11	.8	42	8	179	9	26	118	2	35	19	2	72	5
88LS-12	.8	38	9	176	10	24	93	2	30	20	2	63	5
88LS-13	1.1	33	5	153	11	21	28	2	27	13	2	73	10
88LS-14	.2	16	8	103	3	3	1	1	3	21	2	26	5
88LS-15	.8	20	11	93	3	7	2	3	1	22	3	45	5
88LS-16	.6	17	5	125	7	34	41	2	270	11	2	44	5
88LS-17	1.0	20	6	199	8	38	39	2	277	12	3	54	5
88LS-18	.2	18	7	172	5	41	26	2	296	18	1	51	5
88LS-19	1.0	4	4	159	9	17	18	3	16	16	1	63	5
88LS-20	1.0	7	6	95	8	30	43	1	205	9	2	38	10
88LS-2140M	1.7	11	6	135	9	26	52	3	96	18	3	51	70
88LS-2240M	4.0	22	6	195	9	27	61	2	112	17	4	48	150
88LS-2340M	1.1	20	6	147	9	26	44	2	132	15	1	47	20
88LS-24	1.0	4	7	147	10	21	50	3	23	17	2	58	5
88LS-25	.9	5	6	132	10	22	90	3	17	18	4	41	20
88LS-26	.9	5	6	103	11	18	54	3	14	11	3	32	5
88LS-27	1.0	34	6	125	11	20	60	2	17	16	3	45	5
88LS-2840M	.7	33	5	130	9	21	70	3	18	14	3	47	5
88LS-29	.2	27	5	234	5	20	92	3	14	15	2	59	5
LA0+00N	1.0	10	2	82	8	15	6	3	12	12	1	65	15
LA0+25N	1.1	2	5	148	8	14	12	2	14	14	1	81	20
LA0+50N	1.4	1	7	183	10	17	13	2	17	11	2	104	5
LA0+75N	1.4	9	3	76	10	16	5	3	12	13	1	57	5
LA1+00N	1.4	1	5	103	11	17	9	2	16	18	1	78	5
LA1+25N	.7	27	6	160	8	17	8	2	16	13	3	111	10
LA1+50N	.8	22	5	193	7	14	13	3	14	17	2	83	5
LA1+75N	1.8	33	1	68	9	11	15	3	11	11	4	40	5
LA2+00N40M	.8	33	8	213	7	18	49	2	18	11	2	67	5
LA2+25N	1.2	3	7	121	10	17	11	2	16	16	1	50	5
LA2+50N40M	1.2	36	8	184	9	20	64	3	23	14	3	50	10
LA2+75N	.8	2	5	168	9	19	29	3	17	15	2	54	5
LA3+00N	1.2	1	5	150	9	18	19	3	14	19	1	63	5
LA3+25N	1.1	6	5	114	10	17	14	2	14	13	1	52	5
LA3+50N	1.3	6	5	143	11	19	20	2	16	11	4	77	5
LA3+75N	1.1	23	4	107	9	16	7	3	14	20	1	81	10
LA4+00N	1.5	25	4	120	9	16	10	3	15	21	2	78	5
LA4+25N	1.4	3	5	102	11	17	11	2	16	15	1	68	5
LA4+50N	1.1	2	4	113	9	15	9	2	13	12	1	74	5
LA4+75N	1.4	13	5	120	11	16	10	3	17	16	1	65	5
LA5+00N	1.0	2	3	118	9	14	9	3	11	14	1	59	5
LB0+00N	.9	23	5	128	9	13	9	3	11	15	1	59	5
LB0+25N	1.4	11	4	73	10	14	10	3	11	12	1	43	5
LB0+50N	1.4	10	5	104	10	14	10	2	13	11	1	58	5
LB0+75N	1.4	8	5	155	8	13	9	2	14	11	1	88	10
LB1+00N	1.3	27	5	122	9	16	9	2	14	12	1	66	5
LB1+25N	1.2	2	6	124	10	16	8	2	16	9	1	77	5
LB1+50N	1.2	2	5	129	8	15	9	2	13	12	1	85	5
LB1+75N	1.1	3	4	158	9	14	7	3	14	10	1	66	5
LB2+00N	1.8	3	7	120	9	16	16	2	16	19	2	66	5
LB2+25N	1.4	25	5	100	10	16	12	3	14	8	2	55	5

PROJECT NO: WRT CLAIMS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: B-1370S/P3+4
ATTENTION: GRANT CROOKER | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:SEPT 13, 1988

(VALUES IN PPM)	AG	AS	B	BA	BI	CD	CU	MO	NI	PB	SB	ZN	AU-PPB
LB2+50N	.9	3	6	140	7	12	10	2	13	17	1	76	5
LB2+75N	1.1	4	5	90	8	12	7	2	12	10	1	71	60
LB3+00N	1.3	3	7	132	10	15	11	2	14	15	1	92	5
LB3+25N	1.0	1	5	216	7	15	13	3	20	13	1	144	5
LB3+50N	1.1	8	7	167	11	16	23	2	20	12	4	81	5
LB3+75N	1.8	1	4	109	9	16	13	2	14	17	2	88	10
LB4+00N	.9	3	4	142	8	14	7	2	12	12	2	127	5
LB4+25N	1.2	36	7	163	9	18	24	2	16	14	2	60	5
LB4+50N	1.3	6	4	99	10	16	10	3	11	8	1	51	5
LB4+75N	1.0	3	4	134	9	17	13	3	15	15	3	76	5
LB5+00N	1.0	9	4	117	9	15	9	2	14	11	1	91	10
181+00E87+00N	1.2	11	4	83	10	17	11	3	12	11	1	36	5
181+00E87+25N	1.1	5	5	110	10	17	15	2	14	15	1	41	5
181+00E87+50N40M	1.2	32	5	163	10	19	22	3	16	15	2	48	5
181+00E87+75N	1.1	1	4	116	10	16	15	3	13	13	1	37	5
181+00E88+00N40M	1.2	2	5	150	10	19	36	2	15	16	3	41	5
181+00E88+25N40M	1.2	2	6	163	10	19	39	2	14	14	1	41	5
181+00E88+50N40M	1.2	12	6	126	10	19	19	3	11	17	1	37	10
181+00E88+75N	.9	2	4	120	10	17	13	2	12	16	1	38	5
181+00E89+00N	1.2	3	4	103	10	18	16	3	13	12	1	34	5
181+00E89+25N	1.0	27	4	130	9	17	16	3	12	10	1	39	5
181+00E89+50N40M	1.0	25	4	99	10	16	14	3	9	12	1	38	5
181+00E89+75N	2.7	57	1	4	7	5	4	4	8	10	8	3	5
181+00E90+00N40M	.9	4	3	131	9	17	18	3	11	12	2	43	5
181+00E90+25N	1.1	2	3	94	11	16	15	3	13	12	2	36	5
181+00E90+25N-A	1.0	10	4	120	9	15	11	3	12	10	1	41	10
181+00E90+50N	1.0	1	4	140	9	16	19	3	12	11	2	39	5
181+00E90+75N	1.0	1	4	146	10	17	19	3	14	14	2	42	5
181+00E91+00N40M	1.2	3	4	124	9	17	16	3	13	12	2	36	5
181+00E91+25N	1.0	6	4	122	8	16	26	3	12	6	2	35	5
181+00E91+50N	1.0	2	4	136	9	16	20	3	12	12	2	40	5
181+00E92+00N40M	.7	1	4	163	8	15	17	2	12	14	1	43	5
181+00E92+25N	1.0	26	5	142	9	17	10	2	12	7	1	63	10
181+00E92+50N	.8	23	4	137	8	16	14	3	12	12	1	60	5
181+00E92+75N	1.1	30	5	120	11	19	20	2	12	16	3	46	5
181+00E93+00N	.7	29	5	174	8	17	33	2	13	15	1	40	5
181+00E93+25N	.9	3	3	131	8	15	20	2	14	14	1	37	5
181+00E93+50N	.7	28	4	165	8	17	25	3	12	12	1	53	5
181+00E93+75N	.9	27	4	139	9	16	13	3	13	12	2	42	10
181+00E94+00N	.1	28	8	218	4	24	66	2	77	11	1	65	5
181+00E94+25N	.6	26	4	271	8	19	33	4	18	16	1	41	5
181+00E94+50N	.9	26	4	152	10	19	31	3	14	13	2	44	5
181+00E94+75N	.9	8	5	156	10	18	29	3	13	11	2	45	5
181+00E95+00N40M	.8	35	7	190	9	19	60	3	17	10	2	46	5
181+00E95+25N	.8	23	4	143	8	18	34	4	16	12	1	45	5
181+00E95+50N	1.3	24	4	135	9	17	26	3	13	15	2	47	5
181+00E95+75N	.9	26	4	118	8	15	19	3	11	10	1	53	10
181+00E96+00N40M	.8	24	5	144	8	20	49	3	16	13	1	46	5
181+00E96+25N	.6	28	6	307	9	19	39	2	16	12	1	45	5
181+00E96+50N	.8	32	5	150	9	20	47	3	16	15	1	39	5
181+00E96+75N	.8	27	4	129	10	17	15	2	10	10	2	38	5
181+00E97+00N	1.0	29	5	136	9	17	18	3	14	11	2	50	5
181+50E87+25N	.9	27	4	127	9	17	27	3	15	10	1	37	5
181+50E87+75N	1.3	20	4	125	9	16	17	2	10	13	1	42	5
181+50E88+25N	1.0	26	3	114	9	15	12	3	12	10	1	40	5
181+50E88+75N	1.6	24	4	115	9	15	14	3	11	8	2	39	5
181+50E89+25N	1.0	1	4	116	9	16	17	3	14	13	2	38	10
181+50E89+75N	1.3	32	5	120	11	18	20	3	14	14	2	39	5
181+50E90+25N	1.3	20	4	127	9	16	14	2	13	12	1	42	5
181+50E90+75N	.9	22	16	116	8	16	13	3	10	16	2	36	5

COMPANY: GRANT CROOKER | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: WRT CLAIMS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-1370S/P5+6

ATTENTION: GRANT CROOKER | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:SEPT 13, 1988

(VALUES IN PPM)	AG	AS	B	BA	BI	CD	CU	MO	NI	PB	SB	ZN	AU-PPB
181+50E91+25N	2.1	28	5	160	6	14	48	3	13	11	1	36	10
181+50E92+25N	1.5	1	5	151	7	16	47	2	15	14	2	37	5
181+50E92+75N	1.4	4	4	166	8	16	25	3	20	16	1	63	5
181+50E93+25N40M	1.2	5	4	195	7	17	18	3	31	14	1	48	5
181+50E93+75N	1.1	9	3	130	8	16	32	4	20	12	3	33	10
181+50E94+25N	.9	27	5	150	8	18	31	3	15	15	2	41	15
181+50E94+75N40M	.9	32	6	177	9	21	45	3	18	17	3	53	5
181+50E95+25N	.9	35	6	224	8	19	46	2	15	17	2	49	5
181+50E95+75N	.9	5	6	201	7	19	53	3	15	15	2	52	5
181+50E96+25N	1.0	24	4	134	9	17	21	3	10	12	3	32	5
181+50E96+75N40M	1.2	2	5	132	10	18	24	3	14	14	3	46	10
182+00E87+00N	1.7	23	4	137	9	16	13	2	14	16	3	41	5
182+00E87+25N	1.3	3	4	91	9	16	14	3	12	14	1	39	5
182+00E87+50N	1.1	7	4	100	9	16	9	2	12	12	1	38	5
182+00E87+75N	1.3	4	3	102	9	15	14	3	13	14	1	40	5
182+00E88+00N	2.1	3	4	107	10	16	10	3	11	20	1	37	5
182+00E88+25N	1.2	9	4	124	8	15	15	3	13	16	3	44	5
182+00E88+50N	1.4	7	3	99	10	15	12	2	10	13	1	34	175
182+00E88+75N	1.2	3	5	116	9	15	11	3	12	17	3	42	5
182+00E89+00N	1.0	3	3	127	9	15	9	2	12	11	1	41	5
182+00E89+25N	1.0	2	4	135	8	16	13	3	13	15	3	35	5
182+00E89+50N	1.2	5	4	115	9	15	20	3	12	15	1	34	10
182+00E89+75N	1.0	25	3	106	8	16	17	3	14	13	1	36	5
182+00E90+00N	1.0	4	3	124	8	14	16	3	14	13	1	37	5
182+00E90+25N	.9	4	3	138	8	15	14	3	12	13	3	36	5
182+00E90+50N	1.0	3	4	164	7	16	24	3	11	13	2	46	5
182+00E90+75N	1.4	24	4	125	9	17	25	3	12	13	1	36	5
182+00E91+00N40M	1.0	30	5	159	9	19	26	3	13	14	2	37	5
182+00E91+25N	3.2	5	3	116	8	16	19	3	12	15	3	35	10
182+00E91+50N	1.1	9	5	164	7	19	45	3	22	14	1	39	5
182+00E92+00N	1.2	11	1	104	6	13	11	3	13	15	1	30	5
182+00E92+25N	1.0	7	1	123	7	14	11	3	16	11	1	38	5
182+00E92+50N	1.5	14	2	114	7	14	12	3	20	10	3	36	10
182+00E92+75N	1.4	6	4	229	8	16	25	2	17	15	5	58	5
182+00E93+00N	1.2	17	5	190	7	18	52	2	23	19	2	48	5
182+00E93+25N	2.4	13	5	198	8	19	45	3	22	16	1	41	5
182+00E93+50N	.5	33	6	137	5	46	19	2	479	6	6	29	10
182+00E93+75N40M	1.6	13	6	231	7	27	49	3	126	20	4	45	5
182+00E94+00N	1.3	1	7	179	9	22	52	3	24	17	4	52	5
182+00E94+25N	2.3	6	6	186	9	22	50	3	20	14	5	48	5
182+00E94+50N	1.8	13	3	162	9	16	12	3	13	12	2	64	10
182+00E94+75N	2.2	15	5	161	10	18	24	3	17	15	2	54	5
182+00E95+00N	1.4	40	6	236	8	23	54	3	17	26	3	68	5
182+00E95+25N	1.4	5	6	220	10	22	42	2	17	20	5	52	5
182+00E95+50N	1.3	17	6	217	10	21	31	3	15	16	1	50	10
182+00E95+75N	1.3	8	3	124	9	13	12	3	12	9	1	41	5
182+00E96+00N	1.3	7	3	133	10	14	12	2	11	12	2	43	5
182+00E96+25N	1.8	16	5	122	12	16	19	3	14	15	3	51	5
182+00E96+50N40M	1.4	12	4	123	9	18	21	3	14	17	2	45	5
182+00E96+75N	1.0	16	5	176	8	19	30	3	17	16	1	48	5
182+00E97+00N	1.3	9	6	149	10	20	30	3	19	15	2	48	5
182+50E87+25N	1.4	10	6	158	10	20	34	3	17	14	1	49	5
182+50E87+75N	1.4	17	4	108	10	16	20	3	15	14	2	42	5
182+50E88+25N	1.5	13	4	113	11	15	12	2	13	16	3	40	10
182+50E88+75N	1.5	18	3	88	9	14	11	3	11	9	3	35	5
182+50E89+25N	1.1	15	4	119	8	15	14	3	12	16	2	36	5
182+50E89+75N	1.3	13	4	144	10	16	19	3	13	15	1	37	5
182+50E90+25N	1.1	12	4	138	8	16	19	3	10	13	2	42	5
182+50E90+75N	1.0	10	3	130	7	15	12	3	12	15	2	34	10
182+50E91+25N	1.0	10	4	147	7	17	37	3	16	17	2	36	5

COMPANY: G.CROOKER | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: WRT CLAIMS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-1370/P7+8

ATTENTION: G.CROOKER | (604)980-5814 OR (604)988-4524 * TYPE SOIL GEOCHEM * | DATE:SEPTEMBER 14, 1988

(VALUES IN PPM)	AG	AS	B	BA	BI	CD	CU	MO	NI	PB	SB	ZN	AU-PPB
182+50E95+25N	.8	31	5	137	9	20	43	3	16	17	2	37	5
182+50E95+75N	1.1	28	5	102	11	19	36	2	17	6	2	42	5
182+50E96+25N	.8	26	6	190	9	19	46	3	16	11	2	50	10
182+50E96+75N	.8	37	7	169	10	23	58	4	20	16	1	47	5
183+00E87+00N	1.1	3	4	126	9	16	14	3	14	10	1	41	5
183+00E87+25N	1.8	30	1	50	8	11	21	3	11	13	4	23	10
183+00E87+50N	1.2	27	3	127	10	16	12	3	13	14	3	42	5
183+00E87+75N	1.2	4	3	121	10	16	13	3	12	10	1	44	5
183+00E88+00N	1.1	3	4	134	9	15	10	3	10	10	2	41	5
183+00E88+25N	1.4	12	3	100	9	14	13	3	13	9	1	32	5
183+00E88+50N	1.0	7	4	132	9	16	11	3	11	8	3	41	10
183+00E88+75N	1.2	5	3	143	10	16	14	3	13	15	1	38	5
183+00E89+00N	.9	2	4	168	8	16	17	3	11	13	2	43	5
183+00E89+25N	.8	24	4	161	8	16	13	3	10	16	2	38	5
183+00E89+50N	.9	5	5	155	7	17	29	4	13	16	2	41	10
183+00E89+75N	1.0	3	5	165	7	17	33	3	15	15	3	40	5
183+00E90+00N	1.0	6	6	146	8	18	38	3	17	13	3	37	20
183+00E90+25N	1.0	7	6	164	8	15	38	4	16	13	1	35	5
183+00E90+50N	1.0	9	6	154	8	19	46	3	15	17	4	42	5
183+00E90+75N	1.1	10	5	195	8	16	35	3	16	13	1	47	10
183+00E91+00N	1.0	30	5	154	8	13	30	3	14	15	3	36	5
183+00E91+25N	1.0	2	6	200	9	21	56	2	18	17	4	43	5
183+00E91+50N	1.0	3	6	187	8	20	33	3	16	10	3	49	5
183+00E92+00N	1.3	7	6	172	9	17	44	2	17	13	1	47	5
183+00E92+25N	1.2	13	6	218	7	14	73	3	18	13	4	41	5
183+00E92+50N	1.2	6	6	196	8	18	45	3	29	15	1	44	5
183+00E92+75N	1.0	6	7	163	9	23	53	3	24	14	3	51	5
183+00E93+00N	1.3	2	5	139	11	22	27	3	37	15	1	37	5
183+00E93+25N	1.0	3	4	125	9	21	40	3	31	7	3	37	5
183+00E93+50N	N/S												
78.0	13.5	1	1	1	48	11	124	51	134	7622	386	102	
701.0	53.8	1	1	1	52	13	135	55	145	7785	437	109	
751.0	56.5	1	1	1	400	54	176	134	137	1954	1200	536	
183+00E93+75N	.7	36	7	133	8	24	69	3	28	14	1	49	5
183+00E94+00N	.7	1	8	207	9	22	46	3	19	10	1	49	5
183+00E94+25N	1.0	5	5	152	10	21	39	3	20	13	3	40	15
183+00E94+50N	.9	36	6	172	9	24	60	2	21	18	3	48	5
183+00E94+75N	1.0	33	5	150	11	21	33	3	15	16	4	49	5
183+00E95+00N	1.2	3	3	114	10	20	31	3	16	11	3	44	10
183+00E95+25N	1.2	3	5	130	10	17	21	4	13	16	3	56	5
183+00E95+50N	.8	33	6	136	10	22	36	3	18	18	2	41	5
183+00E95+75N	1.0	5	4	140	10	18	21	3	15	15	3	67	5
183+00E96+00N	1.0	35	7	194	10	20	53	4	18	15	3	63	5
183+00E96+25N	1.2	1	7	186	9	19	40	3	18	14	3	52	10
183+00E96+50N	1.0	5	5	144	10	19	28	3	16	13	4	50	5
183+00E96+75N	1.0	2	4	142	10	18	26	2	13	18	3	36	5
183+00E97+00N	.9	35	6	172	10	22	52	2	21	16	2	47	5
183+50E87+25N	1.1	3	4	121	9	15	12	3	11	12	1	45	5
183+50E87+75N	1.1	5	4	144	9	16	20	3	13	14	3	52	10
183+50E88+25N	1.1	5	5	149	10	16	12	3	13	11	3	41	5
183+50E88+75N	1.0	1	5	133	10	17	15	3	13	16	3	44	5
183+50E89+25N	1.0	28	4	104	10	18	18	3	13	13	3	37	5
183+50E89+75N	.9	1	6	148	8	18	48	3	17	14	4	39	5
183+50E90+25N	.9	12	5	141	9	19	45	3	17	19	3	42	10
183+50E90+75N	1.0	13	4	132	8	16	26	3	15	11	3	37	5
183+50E92+25N	.8	11	4	128	8	19	34	3	20	13	2	39	5
183+50E92+75N	1.0	7	4	109	9	16	12	3	17	12	3	35	5
183+50E93+25N	1.1	14	5	169	7	12	43	3	22	13	1	31	5
183+50E93+75N	.8	7	7	159	9	20	49	3	20	14	3	43	5
183+50E94+25N	1.2	2	5	127	10	17	23	2	13	12	1	42	5

COMPANY: GRANT CROOKER | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: WRT CLAIMS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-1370S/P9+10

ATTENTION: GRANT CROOKER | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:SEPT 13, 1988

(VALUES IN PPM)	AG	AS	B	BA	BI	CD	CU	MO	NI	PB	SB	ZN	AU-PPB
183+50E96+25N	1.0	1	4	118	9	18	26	3	13	12	2	38	10
183+50E96+75N	1.1	4	5	129	11	19	35	2	17	12	4	49	5
184+00E87+00N	.9	9	4	141	9	17	33	2	15	11	3	40	5
184+00E87+25N	.7	5	6	177	6	19	45	3	19	14	3	50	10
184+00E87+50N	1.0	7	5	98	10	20	16	3	19	13	3	40	5
184+00E87+75N	1.0	9	5	121	9	19	36	2	17	19	4	42	5
184+00E88+00N	.8	6	5	122	9	18	41	2	23	11	3	43	5
184+00E88+25N	1.2	5	6	135	9	15	105	2	22	15	4	38	5
184+00E88+50N	1.1	7	7	152	8	16	86	2	21	14	3	35	10
184+00E88+75N	1.0	4	5	112	10	18	28	3	14	15	3	32	5
184+00E89+00N	1.0	4	5	121	9	18	34	3	15	13	3	33	5
184+00E89+25N	1.1	5	7	190	8	15	36	2	15	15	1	38	5
184+00E89+50N	.8	3	5	134	9	18	23	3	13	12	3	32	5
184+00E89+75N	1.0	9	5	147	9	17	25	2	17	11	1	33	5
184+00E90+00N	1.2	11	4	108	11	17	17	2	13	17	4	37	10
184+00E90+25N	1.0	7	5	145	7	16	33	4	15	11	3	38	10
184+00E90+50N	.9	6	5	177	8	17	49	2	19	13	3	37	5
184+00E90+75N	1.1	3	6	155	9	18	60	3	21	15	4	41	10
184+00E91+00N	1.0	13	6	166	8	16	56	2	18	8	3	36	5
184+00E91+25N	1.1	12	10	200	7	13	106	3	20	12	3	37	5
184+00E91+50N	1.2	10	6	160	10	20	44	2	16	18	1	39	15
184+00E92+00N	1.1	7	6	191	8	17	45	2	18	12	3	39	10
184+00E92+25N	1.0	1	6	167	8	16	51	3	15	15	2	39	5
184+00E92+50N	1.0	12	6	150	8	18	41	3	19	14	3	40	10
184+00E92+75N	.9	5	7	147	9	20	49	4	20	17	3	42	5
184+00E93+00N	1.0	3	5	134	9	17	13	3	16	13	3	42	5
184+00E93+25N	1.3	6	5	144	11	20	26	2	17	18	4	40	5
184+00E93+50N	.9	31	5	113	8	20	48	3	21	13	3	37	5
184+00E93+75N	.9	13	5	127	9	19	48	3	18	13	3	36	5
184+00E94+00N	.7	6	5	164	8	21	48	3	18	17	3	42	5
184+00E94+25N	.6	30	5	146	8	20	42	3	17	13	1	48	5
184+00E94+50N	1.0	32	5	136	9	19	40	3	17	9	2	42	5
184+00E94+75N	.9	2	4	141	10	20	36	3	14	15	3	52	5
184+00E95+00N	.9	5	7	187	10	22	49	3	18	17	3	58	5
184+00E95+25N	1.0	1	7	194	10	20	46	3	17	14	3	50	10
184+00E95+50N	1.3	2	5	127	12	19	25	3	17	13	4	46	5
184+00E95+75N	1.3	6	5	128	11	18	17	3	10	10	1	39	5
184+00E96+00N	1.3	7	5	123	11	18	15	3	12	13	4	40	5
184+00E96+25N	1.2	31	5	158	10	16	22	2	13	12	2	51	10
184+00E96+50N	1.4	7	5	128	10	15	16	2	10	13	1	49	5
184+00E96+75N	1.3	4	5	109	10	16	11	3	12	13	3	43	5
184+00E97+00N	1.1	4	6	119	10	20	33	3	13	13	3	39	5
184+50E87+25N	1.2	6	5	90	10	17	14	3	14	12	1	41	10
184+50E87+75N	.6	4	4	90	6	21	16	3	33	9	2	36	5
184+50E88+25N	1.0	1	5	116	8	18	25	2	16	14	3	39	5
184+50E88+75N	1.1	10	7	190	8	14	166	2	25	13	1	38	5
184+50E89+25N	1.0	8	6	125	9	19	44	3	17	17	3	34	10
184+50E89+75N	1.2	9	7	122	9	17	41	3	16	14	1	31	5
184+50E90+25N	1.4	18	10	182	7	13	156	3	26	15	1	39	5
184+50E90+75N	1.0	7	6	185	8	15	34	3	13	13	3	38	5
184+50E91+25N	1.0	3	4	186	8	17	19	3	12	18	1	39	5
184+50E91+75N	.8	1	5	128	8	18	33	3	16	15	2	40	15
184+50E92+25N	.9	6	5	143	9	18	37	3	15	11	3	33	5
184+50E92+75N	1.0	2	4	115	10	19	31	3	14	11	2	35	5
184+50E93+25N	1.3	4	4	98	11	16	14	3	15	15	1	33	5
184+50E93+75N	1.4	1	3	78	11	17	19	2	15	9	1	31	10
184+50E94+25N	1.0	9	4	119	9	21	54	2	20	13	3	38	50
184+50E94+75N	.7	3	5	170	8	16	24	4	13	11	2	53	5
184+50E95+25N	.8	9	1	124	6	14	23	2	13	10	1	30	590
184+50E95+75N	.7	5	3	124	7	19	40	2	16	16	3	41	5

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PROJECT NO: WRT CLAIMS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-1370S/P11+12

ATTENTION: GRANT CROOKER | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:SEPT 13, 1988

(VALUES IN PPM)	AG	AS	B	BA	BI	CD	CU	MO	NI	PB	SB	ZN	AU-PPB
184+50E96+25N	1.1	13	4	120	10	18	27	3	14	14	1	38	5
184+50E96+75N	1.0	1	3	115	8	18	31	3	16	11	3	38	5
185+00E87+00N	.9	3	3	99	9	15	16	3	13	11	2	41	10
185+00E87+25N	1.0	9	4	109	9	18	33	2	23	11	1	38	5
185+00E87+50N	.7	3	5	150	6	16	67	4	20	13	1	35	5
185+00E87+75N	.9	7	3	90	8	17	17	3	16	10	2	38	5
185+00E88+00N	.5	32	6	145	8	22	48	3	26	17	1	49	5
185+00E88+25N	.8	1	3	96	8	15	9	3	15	12	2	48	10
185+00E88+50N	.8	6	4	116	8	19	25	3	21	13	1	39	5
185+00E88+75N	.9	4	3	111	8	16	13	3	12	14	2	30	5
185+00E89+00N	.8	7	8	231	8	20	58	2	20	18	2	36	5
185+00E89+25N	1.0	10	7	181	8	18	65	3	18	12	3	34	5
185+00E89+50N	1.0	4	6	161	8	18	47	3	21	14	2	35	5
185+00E89+75N	1.0	4	4	109	9	15	19	3	10	10	3	30	5
185+00E90+00N	1.1	1	4	113	10	17	15	3	12	9	3	34	10
185+00E90+25N	1.0	8	3	113	8	14	10	3	11	12	3	47	5
185+00E90+50N	1.0	6	3	103	10	15	15	2	14	12	3	38	5
185+00E90+75N	1.0	2	4	126	10	15	7	2	11	13	1	47	5
185+00E91+00N	1.0	5	4	105	9	15	11	3	12	11	2	39	10
185+00E91+25N	.9	2	5	130	9	17	12	2	14	9	2	49	5
185+00E91+50N	1.0	26	23	132	10	18	12	3	15	13	3	40	5
185+00E92+00N	1.0	6	3	101	8	14	11	3	11	10	3	32	5
185+00E92+25N	1.0	2	4	69	10	16	11	2	11	10	2	29	5
185+00E92+50N	1.0	10	3	87	8	14	9	3	12	13	1	39	5
185+00E92+75N	1.0	24	4	98	10	14	9	2	9	10	2	36	5
185+00E93+00N	1.0	7	3	80	9	14	5	3	8	9	2	37	5
185+00E93+25N	1.1	6	5	133	10	15	12	3	12	12	3	41	5
185+00E93+50N	.7	7	2	121	6	13	17	3	12	11	2	50	5
185+00E93+75N	.9	8	3	106	8	14	12	3	12	8	2	44	5
185+00E94+00N	1.0	8	3	150	8	14	12	3	13	12	2	69	5
185+00E94+25N	1.1	30	4	122	10	18	29	3	17	13	4	42	5
185+00E94+50N	.8	9	5	159	6	16	41	3	18	15	3	42	5
185+00E94+75N	1.0	4	6	204	8	20	43	2	19	14	4	51	10
185+00E95+00N	.9	1	7	151	9	22	54	3	21	15	4	52	5
185+00E95+25N	1.0	8	4	166	10	18	22	3	15	16	5	49	5
185+00E95+50N	1.2	13	4	139	9	15	20	3	12	12	2	33	5
185+00E95+75N	1.1	6	3	122	8	15	24	3	14	9	1	32	5
185+00E96+00N	1.0	10	5	168	9	19	25	3	14	15	4	53	5
185+00E96+25N	1.2	7	3	153	10	20	28	3	24	8	4	40	10
185+00E96+50N40M	1.0	7	5	129	10	19	32	2	19	15	3	39	5
185+00E96+75N	1.0	1	7	176	10	21	41	3	18	10	4	47	5
185+00E97+00N	.8	6	8	161	10	24	61	3	24	12	4	50	10
185+50E87+25N	1.0	10	7	217	9	18	95	2	26	12	5	53	5
185+50E87+75N	1.0	10	7	148	9	20	38	3	22	17	4	49	5
185+50E88+25N	1.1	4	5	109	10	17	8	2	13	15	1	57	5
185+50E88+75N	1.4	11	4	132	9	16	14	3	12	12	1	34	10
185+50E89+25N40M	1.1	15	7	199	9	19	58	2	18	13	6	43	5
185+50E89+75N	1.1	4	4	125	9	16	19	3	14	13	1	53	5
185+50E90+25N	4.9	16	4	142	10	17	11	3	13	13	4	55	5
185+50E90+75N	1.2	5	6	138	11	20	27	2	16	9	5	42	5
185+50E91+25N	1.3	22	4	117	10	16	12	2	13	16	1	50	10
185+50E91+75N	1.1	2	5	112	10	16	13	2	13	12	4	53	5
185+50E92+25N	.4	22	5	214	7	17	13	3	12	13	2	119	5
185+50E92+75N	1.3	29	4	107	10	17	12	3	11	7	1	45	5
185+50E93+25N	1.4	4	4	141	11	16	16	3	13	6	1	45	5
185+50E93+75N	1.0	6	5	112	10	16	10	3	13	10	4	47	5
185+50E94+25N	1.0	3	4	143	9	16	13	2	12	13	4	58	5
185+50E94+75N	1.0	7	6	149	9	18	37	2	17	11	1	38	5
185+50E95+25N40M	.8	5	8	145	9	18	48	3	14	14	4	34	5
185+50E95+75N	1.1	3	4	159	9	16	16	2	12	13	1	45	5

COMPANY: GRANT CROOKER | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1
PROJECT NO: WRT CLAIMS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-1370S/P13+14
ATTENTION: GRANT CROOKER | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:SEPT 13, 1988

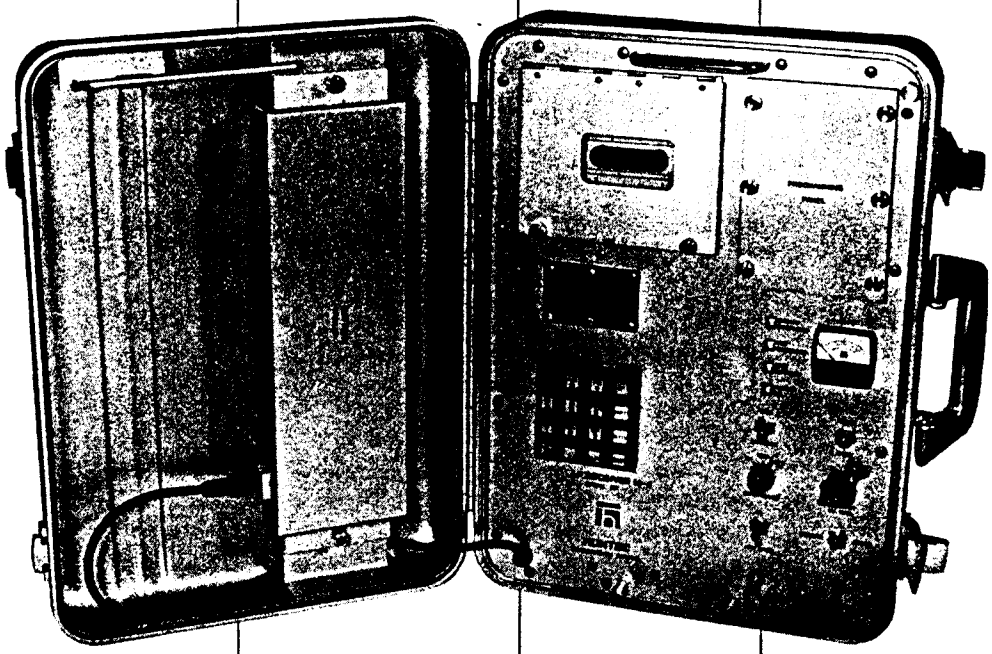
(VALUES IN PPM)	AG	AS	B	BA	BI	CD	CU	MO	NI	PB	SB	ZN	AU-PPB
185+50E96+25N	1.0	1	3	147	8	17	20	3	15	13	4	46	5
185+50E96+75N	.8	1	5	176	9	18	33	3	15	13	4	43	10
186+00E87+00N	1.1	7	3	94	9	17	13	3	19	10	1	39	5
186+00E87+25N	1.0	9	4	129	9	17	23	3	18	16	1	42	10
186+00E87+50N	1.1	8	3	109	9	17	14	2	16	16	1	43	5
186+00E87+75N	1.1	6	3	101	10	15	10	2	12	12	1	42	5
186+00E88+00N	1.0	10	3	110	8	13	7	2	10	15	1	60	10
186+00E88+25N	1.1	7	3	117	9	16	13	2	14	12	1	47	5
186+00E88+50N40M	.6	35	5	106	6	24	45	3	30	17	4	48	5
186+00E88+75N20M	.4	43	7	174	8	28	61	3	48	15	3	57	5
186+00E89+00N40M	1.0	35	5	175	9	20	54	2	23	11	6	46	10
186+00E89+25N	1.0	2	3	116	9	16	12	3	13	11	1	38	5
186+00E89+50N	1.0	8	3	112	9	16	16	3	16	14	1	48	10
186+00E89+75N	1.0	8	4	106	9	15	13	2	12	10	1	33	5
186+00E90+00N	1.1	10	4	105	9	15	14	3	13	15	1	36	5
186+00E90+25N	1.1	7	5	121	10	20	35	2	19	13	5	46	5
186+00E90+50N	1.2	9	4	111	8	16	21	3	16	16	1	44	5
186+00E90+75N	1.3	8	4	121	10	17	26	2	15	15	1	43	5
186+00E91+00N	1.1	15	4	112	10	17	18	3	14	11	1	45	5
186+00E91+25N	1.4	12	5	120	11	18	33	2	16	14	5	40	5
186+00E91+50N	1.1	1	6	119	11	19	45	2	18	16	1	41	5
186+00E91+75N	1.0	7	5	128	8	18	48	3	20	14	5	48	5
186+00E92+00N	.9	8	2	103	7	14	10	3	10	10	1	42	5
186+00E92+25N	1.1	17	2	128	8	14	15	3	13	12	2	36	10
186+00E92+50N40M	.9	11	4	112	8	19	51	3	18	11	1	38	5
186+00E92+75N	1.1	9	3	86	9	14	10	2	10	13	2	35	5
186+00E93+00N	1.3	14	3	84	9	15	13	3	10	17	2	41	5
186+00E93+25N	1.1	6	3	102	9	15	11	3	10	13	1	37	5
186+00E93+50N	1.4	9	4	120	10	16	27	3	14	16	2	37	10
186+00E93+75N	.9	2	4	110	8	18	47	2	18	15	4	47	5
186+00E94+00N	.9	9	3	106	7	18	62	4	17	9	4	37	5
186+00E94+25N	.7	1	4	131	8	19	58	3	18	8	4	41	5
186+00E94+50N	1.0	6	1	71	8	15	10	3	9	10	1	31	10
186+00E94+75N	1.3	9	3	87	8	15	20	2	11	12	2	36	5
186+00E95+00N	.8	9	4	145	8	16	23	3	13	13	4	41	45
186+00E95+25N	.9	9	4	150	8	16	34	3	15	12	5	40	5
186+00E95+50N	.9	4	3	128	8	16	17	3	11	17	1	49	5
186+00E95+75N	.7	6	3	140	8	17	20	4	13	10	4	45	5
186+00E96+00N	1.0	7	3	125	9	16	25	3	14	12	4	37	5
186+00E96+25N	1.0	7	3	122	9	17	26	3	14	15	1	38	5
186+00E96+50N	1.0	5	3	128	9	14	23	3	13	14	1	39	5
186+00E96+75N	1.0	11	4	110	9	14	14	3	11	11	1	41	5
186+00E97+00N	1.0	8	7	142	9	20	50	3	20	10	5	45	5

Appendix II

GEOPHYSICAL EQUIPMENT SPECIFICATIONS

M-4 SERIES

M-4 Induced Polarization Receiver



DESCRIPTION

The Huntec M-4 is a microprocessor based receiver for time and frequency domain IP and complex resistivity measurement. It is:

Easy to operate. One switch starts a measurement, of up to 33 quantities simultaneously. The optional Cassette DataLogger records them all in seconds. Calibration, gain setting and SP buckout are all automatic.

Reliable. Using advanced digital signal processing techniques, the M-4 delivers consistently accurate data even in noisy, highly conductive areas. For mechanical reliability it is packaged in a rugged aluminum case for backpack or hand carrying.

Versatile. The operator may adjust delay and integration times, operating frequency and other measurement parameters to adapt to a wide range of survey conditions and requirements. An independent reference channel facilitates drillhole and underground work, and guarantees transmitter-receiver synchronization in high-noise conditions.

Highly accurate. With a frequency bandwidth of 100 Hz and noise-cancelling digital signal stacking, the M-4 delivers very precise results. The details are summarized in a table overleaf.

Sensitive. The same features that make the M-4 accurate allow detection of very weak signals. The Huntec receiver requires lower transmitter power than any other, for a given set of operating conditions. Automatic correction for drifts in self-potential and gain allow long stacking times for significant signal-to-noise improvements.

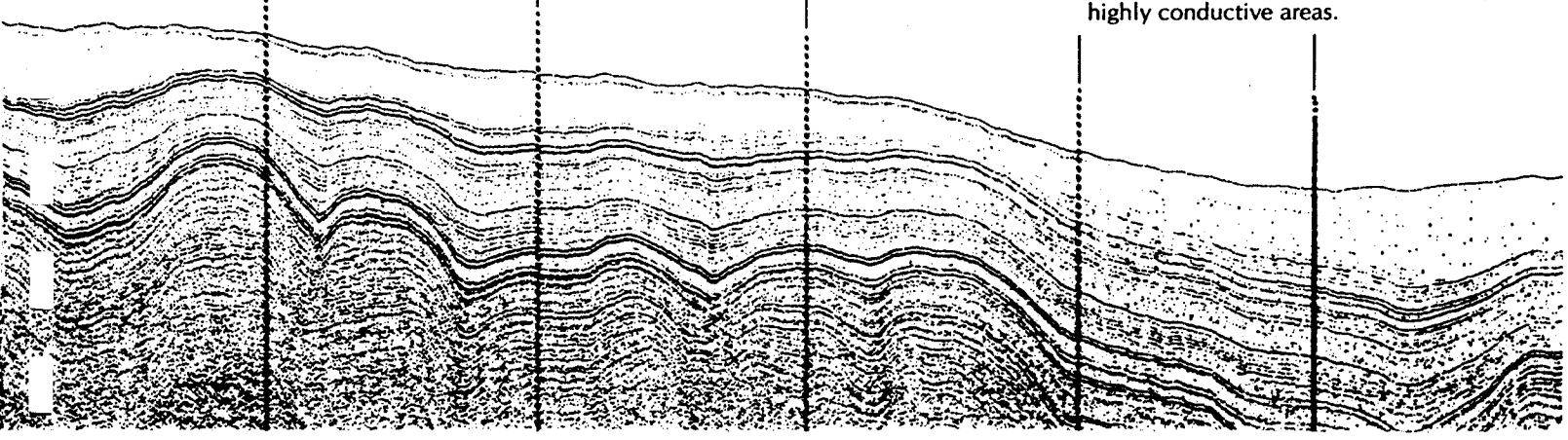
Intelligent. Under the control of a powerful 16-bit microprocessor, the M-4 calibrates and tests itself between measurements. Coded error messages, flashed onto the display, inform the operator of any malfunction.

The M-4 Receiver is complemented by Huntec's new M-4 transmitters, which offer precisely timed constant-current output and both time and frequency domain waveforms, compatible with the receiver's accuracy and multi-mode measurement capabilities. The RL-2 Reference Isolator connects any IP transmitter to the receiver's reference channel.

Contact Huntec for more information on the benefits offered by the M-4 product line.

FEATURES

- Time and Frequency domain IP and Complex Resistivity operation.
- Simultaneous Time domain and Complex Resistivity measurement.
- Automatic calibration
  - gain setting
  - SP cancellation
  - fault diagnosis
  - filter tuning.
- Independent reference channel for drillhole and underground work.
- 42 quantities, displayable on large 3½ digit low-temperature liquid-crystal readout.
- Analogue meter for source resistance measurement.
- 10^9 ohms differential input resistance
- 8 hours continuous operation with replaceable, rechargeable nickel-cadmium battery pack (2 supplied).
- Optional Cassette DataLogger fits inside case, has read-after-write error checking. Up to 350 stations per tape.
- Conveniently packaged for backpacking or hand carrying.
- 100 Hz bandwidth, fine time-resolution.
- Advanced digital signal stacking.
- Delivers reliable, accurate data in noisy, highly conductive areas.



SPECIFICATIONS

INPUTS

Signal Channel

Range:	5 x 10^{-5} to 10 volts. Automatic ranging. Overload indication
Resistance:	Greater than 10^9 ohms differential
Bandwidth:	100 Hz
SP Cancellation:	−5 to +5 volts (automatic)
Protection:	Low-leakage diode clamps, gas discharge surge arrestors, replaceable fuses.

Reference Channel

Level:	500 mV minimum, 10 volts peak maximum, overload indication
Resistance:	2 x 10^5 ohms differential

CONTROLS AND FUNCTIONS

Operating Controls

Keypad:	16 keys, calculator format, function associated with each key.
Reference Registers:	Keypad may be used to store up to ten 3½ digit numeric values with floating decimal point to represent station number, line number, operator, time, date, weather, transmitter current, etc. for recording on cassette.

Programming Controls

Sub-panel:	All programming controls are on a covered sub-panel.
Thumbwheel Switches:	Select delay time t_D in milliseconds chargeability window t_p in milliseconds; operating frequency; PFE frequency ratio.

Displayable Quantities

Time domain:	Primary voltage; self-potential; chargeability (total or each of 10 windows of equal width); phases of odd harmonics 3 to 15; amplitudes of odd harmonics 1 to 15; cycle count; repeating display of polarization potential and total chargeability.
Freq. domain:	Primary amplitude; Percent Frequency Effect; self-potential; cycle count.
Complex Resistivity:	Phases of odd harmonics 3 to 15; amplitudes of odd harmonics 1 to 15; fundamental phase (with ref. input); cycle count.
Any mode:	Battery voltage, Frequency error.

OUTPUTS

Displays

Digital Display:	3½ digit, low-temperature liquid crystal display. Indicates measurement results and diagnostic error messages.
Analogue Meter:	Ohms scale for source resistance; also gives qualitative indication of signal-to-noise ratio.

CASSETTE DATALOGGER (OPTIONAL)

Description:	Accommodated within M-4 chassis. If not acquired with receiver, may be retrofitted by user at any time. Two recording modes:
Partial:	All sub-panel settings, measurement results, and contents of reference registers are recorded (2 seconds recording time).
Full:	As in partial mode, but also recorded is one cycle of averaged signal waveform (28 seconds recording time). If external reference is used, one cycle of reference waveform is also recorded (60 seconds recording time). Extra memory and soft-ware available to average and store the reference waveform for advanced offline resistivity computation.
Format:	ANSI/ECMA/ISO standard for saturation recording: 80 bytes/record, all data recorded in ASCII code.
Verification:	Read-after-write data verification (automatic).

MECHANICAL

M-4 Receiver with battery pack:	45 cm x 33 cm x 14 cm, 10.0 kg.
M-4 Receiver with battery pack and Cassette DataLogger:	Dimensions as above, 11.0 kg.
Replaceable Battery pack:	33 cm x 11 cm x 4.5 cm, 3 kg.

ENVIRONMENTAL

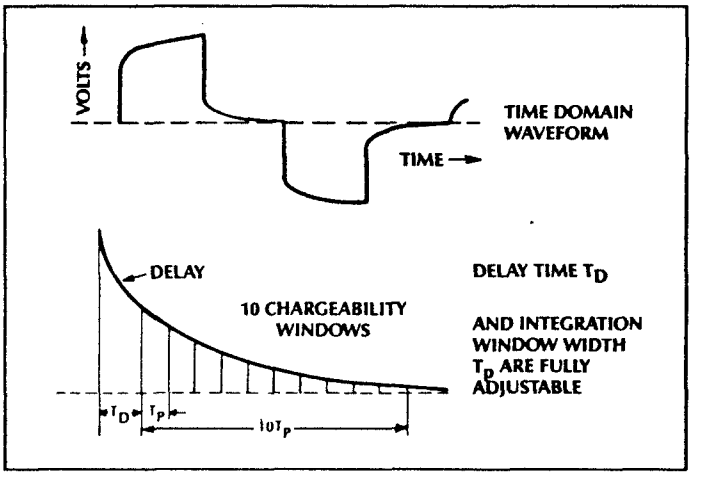
Temperature:	Operation: −20°C to +55°C. Storage: −40°C to +70°c.
Humidity:	Moisture-proof, operable in light drizzle.
Altitude:	−1,525 m to +4,775 m.
Shock, Vibration:	Suitable for transport in bush vehicles.

OUTPUT ACCURACY AND SENSITIVITY

	PHASES	AMPLITUDES	Vp	SP	CHARGEABILITY	PFE
UNITS	millradians	volts	volts	volts	seconds	%
ACCURACY	2milli-radians(1)	1% to 40Hz 2% to 80Hz	±1%	±1%	0.1%(2)	0.1%(3) full scale
SENSITIVITY	0.01 milliradians	10^{-6} volts	10^{-3} volts	10^{-3} volts	10^{-6} seconds	0.001% full scale

(1) Frequency domain mode: at harmonic frequencies up to 15 Hz, increases to not more than 5 milliradians at 80 Hz.
Time domain mode: at harmonic frequencies up to 7.5 Hz, increases to not more than 5 milliradians at 30 Hz.
(2) of total OFF time
(3) Full scale defined as 100% PFE.
Cassette Data: recorded in ASCII, 9 digits with decimal point fixed for four decimal digits.
Display Data: 3½ digits, floating decimal point.
Resolution of averaged waveform limited by A/D converter to one part in 4096 x (square root of cycle count).
Resolution of reference waveform (not averaged) limited by available memory to one part in 256. Additional memory and averaging software available as option.

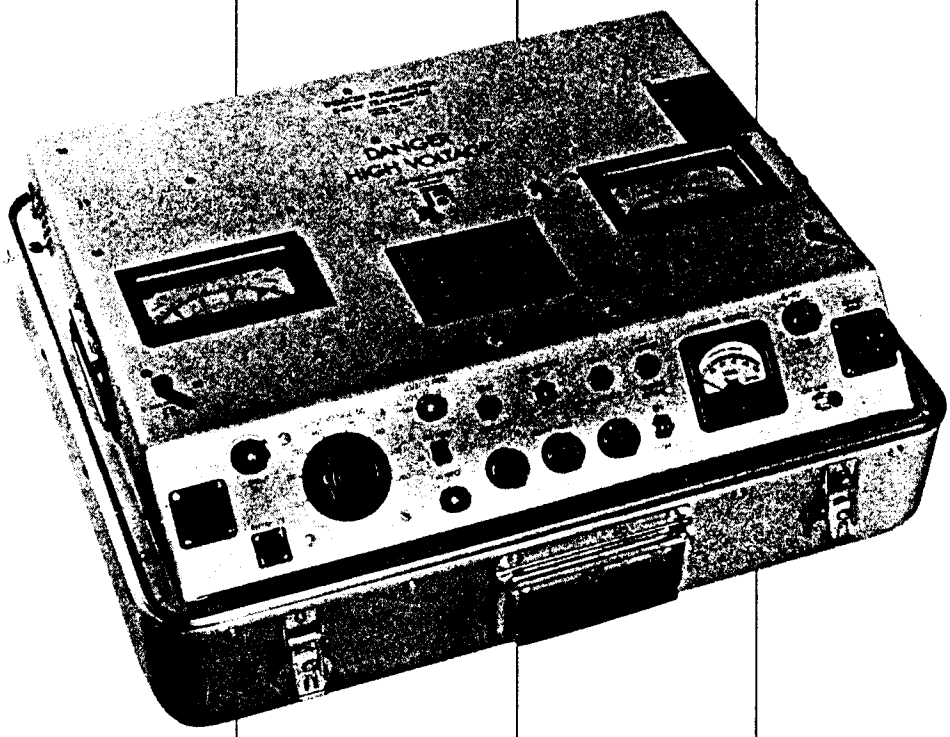
CHARGEABILITY WINDOWS



HUNTEC
1750 Brimley Road, Scarborough
Ontario, Canada M1P 4X7
Phone: (416) 299-4100 Telex: 06-963640

M-4 SERIES

Induced Polarization/ Resistivity 2.5 kW Transmitter

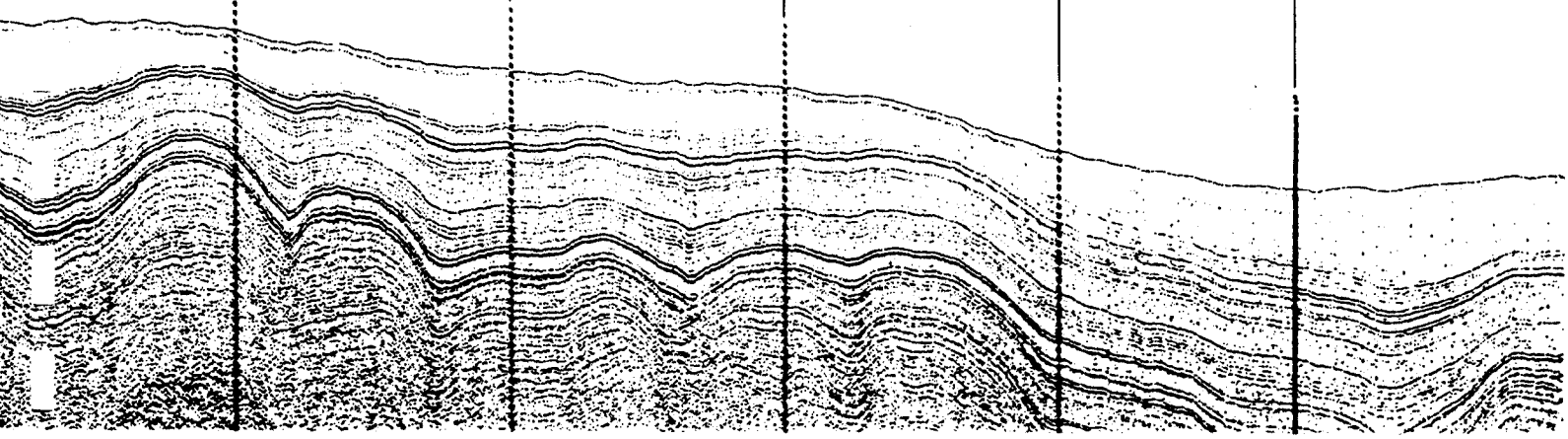


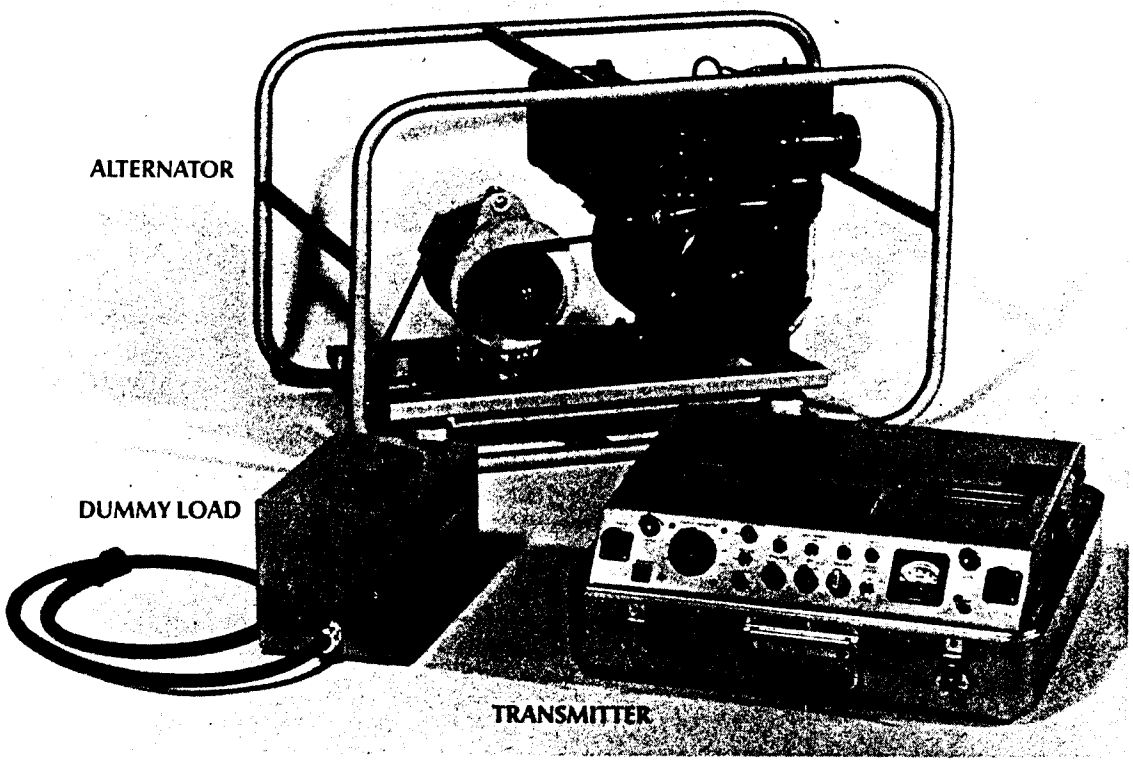
DESCRIPTION

The HUNTEC M-4 2.5 kW Induced Polarization transmitter is designed for time domain, frequency domain (PFE) and complex resistivity applications. The unit converts primary 400 Hz ac power from an engine-alternator set to a regulated dc output current, set by the operator. Current regulation eliminates output waveform distortion due to electrode polarization effects. It is achieved in the transmitter by varying the alternator field currents. The transmitter is equipped with dummy loads to smooth out generator load variations.

FEATURES

- Solid-state switching for long life and precise timing.
- Open circuit during the "off" time ensures no counter current flow.
- Resistance measurement for load matching.
- Precision crystal controlled timing.
- Failsafe operation protects against short-circuit and overvoltage.
- Automatic regulation of output current eliminates errors due to changing polarization potential and load resistance.





SPECIFICATIONS

M-4 2.5 kW Transmitter

Power input:	96 — 144 V line to line 3 phase, 400 Hz (from Huntec generator set)
Output:	Voltage: 150 — 2200 V dc in 8 steps Current: 0.2 — 7 A regulated**
Current regulation:	Less than ±0.1% change for ±10% load change
Output frequency:	0.0625 Hz to 1 Hz (time domain, complex resistivity) 0.0625 Hz to 4 Hz (frequency domain) selectable from front panel An additional range of frequencies between 0.78 and 5.0 Hz is available and can be selected by an internal switch.
Frequency accuracy:	±50 ppm −30°C to +60°C
Output duty cycle: $T_{on}/(T_{on} + T_{off})$	0.5 to 0.9375 in increments of 0.0625 (time domain) 0.9375 (complex resistivity) 0.75 (frequency domain)
Output current meter:	Two ranges: 0-5 A and 0-10 A
Ground resistance meter:	Two ranges: 0-10 kΩ, 0-100 kΩ
Input voltage meter:	0-150 V
Dummy load:	Two levels: 500 kW and 1.75 kW
Temperature range:	−34°C to +50°C
Size:	53 cm x 43 cm x 29 cm
Weight:	26 kg

***Smaller currents are obtainable, but outside the current regulation range the transmitter voltage is regulated, not the current.*

SPECIFICATIONS

M-4 2.5 kW Engine Driven Alternator

Output:	120 V ac 400 Hz 3.5 kVA maximum
Engine:	Briggs & Stratton 6 kW air cooled, single cylinder four cycle piston engine with manual start
Fuel:	Regular grade gasoline, tank capacity 3.8 L to give 4 h duration
Alternator:	Delta connected heavy duty automobile type, belt driven, air cooled
Construction:	Tubular protective carrying frame with resiliently mounted engine and alternator
Size:	51 cm x 48 x 76 cm
Weight (dry):	61 kg

HUNTEC GEOPHYSICS
1750 Brimley Road, Scarborough
Ontario, Canada M1P 4X7
Phone: (416) 299-4100
Telex: 06-963640

P.O. Box 851, Dartmouth
Nova Scotia, Canada B2Y 3Z5
Phone: (902) 463-2380
Telex: 019-31446
LOCATED AT: ARGO BUILDING, BEDFORD INSTITUTE OF OCEANOGRAPHY

Appendix III

GEOPHYSICAL DATA

400	462.5	4	42	0.92	10.8	287
400	487.5	5	20	0.94	9.2	201
400	512.5	6	14	0.95	8.5	194
450	437.5	1	372	1.07	6.9	218
450	462.5	2	141	1.08	7.0	246
450	487.5	3	77	1.09	10.3	266
450	512.5	4	35	1.10	9.4	200
450	537.5	5	24	1.12	8.7	202
450	562.5	6	15	1.13	4.5	175
500	487.5	1	537	0.88	4.4	383
500	512.5	2	136	0.89	8.0	288
500	537.5	3	54	0.90	7.5	226
500	562.5	4	33	0.90	7.4	230
500	587.5	5	20	0.91	6.0	207
500	612.5	6	14	0.92	4.6	201
550	537.5	1	318	0.75	6.9	266
550	562.5	2	95	0.78	8.3	230
550	587.5	3	52	0.81	7.5	242
550	612.5	4	28	0.82	5.4	215
550	637.5	5	19	0.84	5.5	213
550	662.5	6	15	0.86	6.0	230
600	587.5	1	365	0.76	6.3	302
600	612.5	2	122	0.80	7.5	287
600	637.5	3	50	0.83	5.6	227
600	662.5	4	30	0.85	5.2	222
600	687.5	5	22	0.86	6.3	241
600	712.5	6	18	0.88	6.7	270
650	637.5	1	488	0.88	6.2	348
650	662.5	2	111	0.93	5.8	225
650	687.5	3	52	0.94	5.7	209
650	712.5	4	34	0.94	6.7	227
650	737.5	5	26	0.92	7.1	266
650	762.5	6	17	0.88	7.9	255
700	687.5	1	365	1.04	4.3	221
700	712.5	2	100	1.08	4.7	175
700	737.5	3	58	1.11	6.2	197
700	762.5	4	43	1.12	6.1	241
700	787.5	5	30	1.14	7.6	248
700	812.5	6	19	1.14	7.2	220
750	737.5	1	207	0.91	4.1	143
750	762.5	2	82	0.92	6.2	168
750	787.5	3	52	0.94	6.0	209
750	812.5	4	33	0.94	7.3	221
750	837.5	5	20	0.95	7.0	198
750	862.5	6	26	0.96	7.6	357
800	787.5	1	255	1.10	4.8	146
800	812.5	2	109	1.10	5.6	187
800	837.5	3	59	1.10	6.8	202
800	862.5	4	33	1.10	6.8	188
800	887.5	5	39	1.10	7.7	334
800	912.5	6	23	1.13	11.6	269
850	837.5	1	452	1.59	4.8	179
850	862.5	2	168	1.61	6.1	197
850	887.5	3	77	1.64	5.4	177
850	912.5	4	84	1.66	6.9	318
850	937.5	5	46	1.67	8.0	260

INTERPRETEX RESOURCES LTD. INDUCED POLARIZATION & RESISTIVITY SURVEY
POLE-DIPOLE ARRAY - pole is WEST (Pole Dir'n Code E & N = 1, W & S = -1)
ELECTRODE PARAMETERS - "a" = 50 meters. N = 1, 2, 3, 4, 5 & 6

GRID : Dupont Lake (meters = 1, feet = -1) Grid Units Code = 1
LINE : 366 S (1 = incr, -1 = decr), Pole Dir'n Code = -1
FILE NAME : W366S incr/decr P1 Loc. Code = 1 & "a" = 50

(+ = east, - = west) P1 Loc.	Plot Pt.	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	SP
50	37.5	1	317	0.95	7.4	210	35	
50	62.5	2	110	0.95	7.3	218	33	
50	87.5	3	79	1.28	9.7	233		
50	112.5	4	42	1.28	7.3	206		
50	137.5	5	25	1.30	8.0	181		
50	162.5	6	13	1.30	5.2	132		
100	87.5	1	376	1.05	8.4	225		
100	112.5	2	162	1.06	10.5	288		
100	137.5	3	61	1.07	7.8	215		
100	162.5	4	34	1.09	9.0	196		
100	187.5	5	17	1.01	6.0	159		
100	212.5	6	13	1.03	5.6	167		
150	137.5	1	576	0.94	9.6	385		
150	162.5	2	117	0.95	7.6	232		
150	187.5	3	56	0.95	9.4	222		
150	212.5	4	25	0.97	6.8	162		
150	237.5	5	19	0.99	6.8	181		
150	262.5	6	12	1.01	5.6	157		
200	187.5	1	202	0.65	6.0	195		
200	212.5	2	74	0.66	9.1	211		
200	237.5	3	29	0.68	6.7	161		
200	262.5	4	20	0.69	6.7	182		
200	287.5	5	13	0.71	4.6	173		
200	312.5	6	11	0.72	8.6	202		
250	237.5	1	382	1.36	8.8	176		
250	262.5	2	110	1.37	6.7	151		
250	287.5	3	67	1.38	7.3	183		
250	312.5	4	40	1.38	5.7	182		
250	337.5	5	31	1.39	9.0	210		
250	362.5	6	23	1.40	9.2	217		
300	287.5	1	338	1.38	7.1	154		
300	312.5	2	144	1.43	6.6	190		
300	337.5	3	73	1.46	6.0	188		
300	362.5	4	54	1.49	8.7	228		
300	387.5	5	36	1.50	8.5	226		
300	412.5	6	19	1.22	9.7	205		
350	337.5	1	431	0.94	6.4	288		
350	362.5	2	101	0.95	6.7	200		
350	387.5	3	60	0.95	8.8	238		
350	412.5	4	43	0.96	8.6	281		
350	437.5	5	31	0.96	11.6	304		
350	462.5	6	15	0.97	10.0	204		
400	387.5	1	250	0.86	5.1	183		
400	412.5	2	103	0.89	8.1	218		
400	437.5	3	62	0.91	7.7	257		

850	962.5	6	25	1.68	7.2	196
900	887.5	1	475	1.40	5.7	213
900	912.5	2	126	1.44	5.4	165
900	937.5	3	115	1.48	6.5	293
900	962.5	4	59	1.52	8.4	244
900	987.5	5	31	1.55	6.5	188
900	1012.5	6	23	1.57	8.3	193
950	937.5	1	250	0.65	5.8	242
950	962.5	2	100	0.66	5.5	286
950	987.5	3	42	0.67	5.7	236
950	1012.5	4	20	0.68	6.3	185
950	1037.5	5	14	0.68	6.2	194

INTERPRETEX RESOURCES LTD. INDUCED POLARIZATION & RESISTIVITY SURVEY
POLE-DIPOLE ARRAY - pole is WEST (Pole Dir'n Code E & N = 1, W & S = -1)
ELECTRODE PARAMETERS - "a" = 50 meters. N = 1, 2, 3, 4, 5 & 6

GRID : Dupont Lake (meters = 1, feet = -1) Grid Units Code = 1
LINE : 244 S (1 = incr, -1 = decr), Pole Dir'n Code = -1
FILE NAME : W244S incr/decr P1 Loc. Code = 1 & "a" = 50

(+ = east, - = west) P1 Loc.	Plot Pt.	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	SP
50	37.5	1	210	0.97	5.9	136	43	
50	62.5	2	85	0.99	6.3	162	39	
50	87.5	3	61	1.00	7.7	230		
50	112.5	4	45	1.01	9.6	280		
50	137.5	5	26	1.02	8.4	240		
50	162.5	6	16	1.03	5.9	205		
100	87.5	1	242	0.98	4.6	155		
100	112.5	2	133	1.00	6.8	251		
100	137.5	3	83	1.02	8.9	307		
100	162.5	4	78	1.04	8.2	471		
100	187.5	5	27	1.05	5.6	242		
100	212.5	6	11	0.81	5.0	179		
150	137.5	1	297	0.89	5.6	210		
150	162.5	2	135	0.91	8.3	280		
150	187.5	3	109	0.92	7.6	447		
150	212.5	4	35	0.93	5.4	236		
150	237.5	5	18	0.94	4.9	180		
150	262.5	6	18	0.96	5.7	247		
200	187.5	1	226	0.68	7.6	209		
200	212.5	2	129	0.69	7.5	352		
200	237.5	3	37	0.69	5.1	202		
200	262.5	4	18	0.70	4.7	162		
200	287.5	5	18	0.71	5.5	239		
200	312.5	6	14	0.71	5.8	260		
250	237.5	1	415	0.82	7.9	318		
250	262.5	2	85	0.84	5.6	191		
250	287.5	3	37	0.87	5.2	160		
250	312.5	4	33	0.90	5.8	230		
250	337.5	5	25	0.92	6.3	256		
250	362.5	6	21	0.93	7.1	298		
300	287.5	1	210	0.88	7.3	150		
300	312.5	2	97	1.24	6.5	147		
300	337.5	3	77	1.25	6.8	232		
300	362.5	4	52	1.25	7.4	261		
300	387.5	5	41	1.27	7.6	304		
300	412.5	6	26	1.28	8.8	268		
350	337.5	1	423	1.89	5.8	141		
350	362.5	2	252	1.90	6.4	250		
350	387.5	3	140	1.90	7.1	278		
350	412.5	4	101	1.91	7.6	332		
350	437.5	5	60	1.92	9.0	295		
350	462.5	6	47	1.92	10.8	323		
400	387.5	1	436	1.12	4.6	245		
400	412.5	2	133	1.13	5.8	222		
400	437.5	3	83	1.14	7.1	274		

400	462.5	4	45	1.14	8.2	248
400	487.5	5	34	1.13	9.6	284
400	512.5	6	29	1.12	9.1	342
450	437.5	1	358	0.93	4.2	242
450	462.5	2	128	0.94	5.6	257
450	487.5	3	55	0.95	7.3	218
450	512.5	4	40	0.97	9.6	259
450	537.5	5	32	0.99	7.1	305
450	562.5	6	20	1.00	7.3	264
500	487.5	1	465	0.91	4.5	321
500	512.5	2	116	0.92	6.3	238
500	537.5	3	67	0.94	8.2	269
500	562.5	4	46	0.97	6.9	298
500	587.5	5	27	0.98	6.4	260
500	612.5	6	13	0.98	7.4	175
550	537.5	1	665	1.25	5.2	334
550	562.5	2	217	1.26	7.3	325
550	587.5	3	110	1.24	5.6	334
550	612.5	4	58	1.28	5.8	285
550	637.5	5	25	1.33	5.4	177
550	662.5	6	27	1.39	5.5	256
600	587.5	1	727	0.94	6.5	486
600	612.5	2	202	0.95	4.4	401
600	637.5	3	77	0.96	4.7	302
600	662.5	4	28	0.97	4.4	181
600	687.5	5	27	0.98	5.3	260
600	712.5	6	17	1.00	5.6	224
650	637.5	1	769	0.85	6.3	568
650	662.5	2	160	0.86	4.8	351
650	687.5	3	46	0.87	4.7	199
650	712.5	4	38	0.89	5.6	268
650	737.5	5	21	0.90	4.8	220
650	762.5	6	13	0.92	6.2	186
700	687.5	1	369	0.94	5.1	247
700	712.5	2	88	0.98	5.0	169
700	737.5	3	64	1.02	5.7	237
700	762.5	4	33	1.04	5.6	199
700	787.5	5	19	1.06	5.3	169
700	812.5	6	16	1.06	6.6	199
750	737.5	1	305	1.15	4.6	167
750	762.5	2	147	1.15	5.1	241
750	787.5	3	62	1.16	5.6	201
750	812.5	4	33	1.18	5.6	176
750	837.5	5	26	1.19	5.9	206
750	862.5	6	22	1.20	7.6	242
800	787.5	1	397	0.99	3.9	252
800	812.5	2	112	1.03	4.9	205
800	837.5	3	48	1.06	4.9	171
800	862.5	4	35	1.09	5.6	202
800	887.5	5	28	1.12	6.6	236
800	912.5	6	20	1.14	6.8	231
850	837.5	1	389	1.30	4.0	188
850	862.5	2	113	1.32	4.1	161
850	887.5	3	67	1.36	5.3	186
850	912.5	4	50	1.40	6.7	224
850	937.5	5	32	1.44	5.9	209

850	962.5	6	25	1.49	6.7	221
900	887.5	1	230	0.84	4.0	172
900	912.5	2	92	0.86	5.1	202
900	937.5	3	58	0.90	6.4	243
900	962.5	4	32	0.92	6.8	219
900	987.5	5	22	0.89	6.1	233
900	1012.5	6	16	0.88	7.7	240
950	937.5	1	404	1.43	4.8	178
950	962.5	2	193	1.51	6.4	241
950	987.5	3	86	1.55	5.5	209
950	1012.5	4	58	1.57	5.7	232
950	1037.5	5	40	1.59	6.1	237
950	1062.5	6				
1000	987.5	1	333	0.92	5.3	227
1000	1012.5	2	102	0.98	5.0	196
1000	1037.5	3	56	1.03	4.8	205
1000	1062.5	4	35	1.01	6.1	218

INTERPRETEX RESOURCES LTD. INDUCED POLARIZATION & RESISTIVITY SURVEY
POLE-DIPOLE ARRAY - pole is WEST (Pole Dir'n Code E & N = 1, W & S = -1)
ELECTRODE PARAMETERS - "a" = 50 meters, N = 1, 2, 3, 4, 5 & 6

GRID : Dupont Lake
LINE : 122 S
FILE NAME : W122S

USER CODES: (meters = 1, feet = -1) Grid Units Code = 1; (1 = incr, -1 = decr), Pole Dir'n Code = -1; incr/decr P1 Loc. Code = 1 & "a" = 50

(+ = east, - = west) P1 Loc.	Plot Pt.	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	SP
50	37.5	1	960	1.44	4.4	419	11	
50	62.5	2	248	1.45	4.7	322	15	
50	87.5	3	125	1.46	5.1	323		
50	112.5	4	74	1.46	6.2	318		
50	137.5	5	53	1.47	7.4	340		
50	162.5	6	40	1.48	8.4	357		
100	87.5	1	439	1.22	4.6	226		
100	112.5	2	169	1.26	4.7	253		
100	137.5	3	91	1.30	5.6	264		
100	162.5	4	60	1.32	7.0	286		
100	187.5	5	45	1.35	8.1	314		
100	212.5	6	28	1.37	7.5	270		
150	137.5	1	476	1.26	4.1	237		
150	162.5	2	180	1.28	5.0	265		
150	187.5	3	90	1.31	6.2	259		
150	212.5	4	61	1.34	7.6	286		
150	237.5	5	37	1.36	6.8	256		
150	262.5	6	24	1.38	6.4	229		
200	187.5	1	659	1.26	4.9	329		
200	212.5	2	190	1.29	5.3	278		
200	237.5	3	100	1.31	6.5	288		
200	262.5	4	54	1.32	6.4	257		
200	287.5	5	33	1.34	6.3	232		
200	312.5	6	20	1.36	6.1	194		
250	237.5	1	465	1.12	4.5	261		
250	262.5	2	170	1.15	5.9	279		
250	287.5	3	80	1.19	6.3	253		
250	312.5	4	44	1.23	6.2	225		
250	337.5	5	26	1.25	6.6	196		
250	362.5	6	33	1.28	6.8	340		
300	287.5	1	593	1.34	4.9	278		
300	312.5	2	187	1.36	5.6	259		
300	337.5	3	84	1.39	6.2	228		
300	362.5	4	43	1.41	5.9	192		
300	387.5	5	51	1.42	6.5	338		
300	412.5	6	30	1.42	7.0	279		
350	337.5	1	798	1.35	5.1	371		
350	362.5	2	206	1.38	6.0	281		
350	387.5	3	79	1.41	6.0	211		
350	412.5	4	86	1.45	6.7	373		
350	437.5	5	47	1.48	7.0	299		
350	462.5	6	36	1.50	8.1	317		
400	387.5	1	348	0.87	5.2	251		
400	412.5	2	90	0.88	5.5	193		
400	437.5	3	84	0.90	6.3	352		

400	462.5	4	41	0.91	6.4	283
400	487.5	5	30	0.92	7.7	307
400	512.5	6	24	0.93	8.1	341
450	437.5	1	284	0.94	4.6	190
450	462.5	2	168	0.96	5.6	330
450	487.5	3	66	0.99	6.0	251
450	512.5	4	45	1.01	7.1	280
450	537.5	5	34	1.03	7.5	311
450	562.5	6	27	1.05	7.4	339
500	487.5	1	610	1.18	4.9	325
500	512.5	2	139	1.20	5.3	218
500	537.5	3	75	1.21	6.5	234
500	562.5	4	52	1.22	6.7	268
500	587.5	5	40	1.24	6.6	304
500	612.5	6	15	1.25	4.8	158
550	537.5	1	331	0.98	4.7	212
550	562.5	2	117	1.00	5.5	221
550	587.5	3	66	1.04	5.6	239
550	612.5	4	47	1.06	6.0	279
550	637.5	5	16	1.09	4.9	138
550	662.5	6	17	1.11	5.5	202
600	587.5	1	652	1.36	5.6	301
600	612.5	2	208	1.37	5.4	286
600	637.5	3	115	1.39	5.1	312
600	662.5	4	34	1.39	4.0	154
600	687.5	5	31	1.40	4.7	209
600	712.5	6	22	1.40	5.9	207
650	637.5	1	749	1.40	5.6	336
650	662.5	2	249	1.42	5.0	331
650	687.5	3	61	1.45	3.8	159
650	712.5	4	49	1.46	4.4	211
650	737.5	5	32	1.47	5.1	205
650	762.5	6	23	1.49	5.3	204
700	687.5	1	495	0.88	5.0	353
700	712.5	2	82	0.89	4.0	174
700	737.5	3	53	0.91	4.3	220
700	762.5	4	31	0.93	5.1	209
700	787.5	5	21	0.94	5.3	211
700	812.5	6	15	0.95	5.4	208
750	737.5	1	301	0.86	4.1	220
750	762.5	2	123	0.89	4.4	261
750	787.5	3	61	0.92	5.4	250
750	812.5	4	35	0.94	5.4	234
750	837.5	5	23	0.96	5.5	226
750	862.5	6	16	0.97	6.6	218
800	787.5	1	598	1.66	3.8	226
800	812.5	2	227	1.67	5.1	256
800	837.5	3	110	1.72	5.0	241
800	862.5	4	45	1.23	5.3	230
800	887.5	5	29	1.24	6.1	220
800	912.5	6	24	1.21	5.9	262
850	837.5	1	549	1.77	4.4	195
850	862.5	2	206	1.78	4.6	218
850	887.5	3	100	1.80	5.0	209
850	912.5	4	59	1.81	5.9	205
850	937.5	5	47	1.83	6.0	242

850	962.5	6	40	1.84	6.7	287
900	887.5	1	292	0.83	4.1	221
900	912.5	2	106	0.86	4.7	232
900	937.5	3	53	0.88	5.4	227
900	962.5	4	38	0.90	5.7	265
900	987.5	5	29	0.92	6.3	297
900	1012.5	6	10	0.94	5.4	140
950	937.5	1	439	1.49	4.0	185
950	962.5	2	165	1.50	5.1	207
950	987.5	3	99	1.50	5.5	249
950	1012.5	4	68	1.51	6.0	283
950	1037.5	5	22	1.52	5.5	136
950	1062.5	6				
1000	987.5	1	478	1.55	4.3	194
1000	1012.5	2	208	1.59	5.0	247
1000	1037.5	3	119	1.62	5.4	277
1000	1062.5	4	35	1.64	5.0	134
1000	1087.5	5				
1000	1112.5	6				
1050	1037.5	1	480	1.46	4.6	207
1050	1062.5	2	196	1.49	5.2	248
1050	1087.5	3	50	1.53	4.6	123
1050	1112.5	4				
1050	1137.5	5				
1050	1162.5	6				
1100	1087.5	1	531	1.54	5.0	217
1100	1112.5	2	93	1.58	4.5	111
1100	1137.5	3				
1100	1162.5	4				
1100	1187.5	5				
1100	1212.5	6				
1150	1137.5	1	184	1.67	4.3	69

INTERPRETEX RESOURCES LTD. INDUCED POLARIZATION & RESISTIVITY SURVEY
POLE-DIPOLE ARRAY - pole is WEST (Pole Dir'n Code E & N = 1, W & S = -1)
ELECTRODE PARAMETERS - "a" = 50 meters, N = 1, 2, 3, 4, 5 & 6

USER CODES

GRID : Dupont Lake (meters = 1, feet = -1) Grid Units Code = 1
LINE : 0 S (1 = incr, -1 = decr), Pole Dir'n Code = -1
FILE NAME : WOS incr/decr P1 Loc. Code = 1 & "a" = 50

(+ = east, - = west) P1 Loc.	Plot Pt.	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	SP
50	37.5	1	300	0.78	5.3	242	22	
50	62.5	2	125	0.80	4.9	295	17	
50	87.5	3	69	0.81	5.5	321		
50	112.5	4	40	0.82	6.1	306		
50	137.5	5	39	0.82	7.1	448		
50	162.5	6	20	0.82	6.9	322		
100	87.5	1	735	1.21	5.8	382		
100	112.5	2	230	1.21	6.4	358		
100	137.5	3	108	1.22	6.4	334		
100	162.5	4	87	1.22	6.4	448		
100	187.5	5	40	1.22	5.8	309		
100	212.5	6	28	1.21	6.1	305		
150	137.5	1	826	1.02	6.9	509		
150	162.5	2	251	1.05	7.3	451		
150	187.5	3	138	1.07	6.4	486		
150	212.5	4	56	1.08	6.0	326		
150	237.5	5	36	1.09	5.7	311		
150	262.5	6	18	1.10	6.2	216		
200	187.5	1	752	0.95	6.3	497		
200	212.5	2	227	0.96	5.8	446		
200	237.5	3	79	0.97	5.3	307		
200	262.5	4	45	0.97	5.8	291		
200	287.5	5	20	0.98	6.1	192		
200	312.5	6	13	0.98	5.2	175		
250	237.5	1	680	1.09	5.2	392		
250	262.5	2	182	1.10	5.1	312		
250	287.5	3	86	1.11	4.6	292		
250	312.5	4	34	1.13	4.8	189		
250	337.5	5	19	1.14	5.5	157		
250	362.5	6	25	1.15	6.2	287		
300	287.5	1	1069	2.53	5.5	265		
300	312.5	2	359	2.54	4.7	266		
300	337.5	3	116	2.55	4.4	171		
300	362.5	4	59	2.55	4.6	145		
300	387.5	5	71	2.56	5.8	261		
300	412.5	6	38	2.56	6.5	196		
350	337.5	1	1246	1.78	6.3	440		
350	362.5	2	244	1.79	5.1	257		
350	387.5	3	102	1.80	5.2	214		
350	412.5	4	97	1.82	6.0	335		
350	437.5	5	46	1.83	6.3	237		
350	462.5	6	42	1.84	7.1	301		
400	387.5	1	704	1.90	5.0	233		
400	412.5	2	217	1.91	4.9	214		
400	437.5	3	167	1.93	5.4	326		

400	462.5	4	70	1.93	5.8	228
400	487.5	5	60	1.93	6.8	293
400	512.5	6	44	1.94	7.0	299
450	437.5	1	798	1.86	4.7	270
450	462.5	2	377	1.88	5.2	378
450	487.5	3	118	1.88	5.3	237
450	512.5	4	88	1.90	5.9	291
450	537.5	5	59	1.90	6.1	293
450	562.5	6	30	1.91	6.3	207
500	487.5	1	931	1.49	5.4	393
500	512.5	2	184	1.52	5.4	228
500	537.5	3	115	1.55	5.5	280
500	562.5	4	68	1.57	5.6	272
500	587.5	5	32	1.59	5.8	190
500	612.5	6	20	1.60	6.1	165
550	537.5	1	385	1.41	4.9	172
550	562.5	2	180	1.43	5.2	237
550	587.5	3	86	1.44	5.2	225
550	612.5	4	36	1.42	5.4	159
550	637.5	5	21	1.41	5.9	140
550	662.5	6	16	1.40	6.4	151
600	587.5	1	1055	1.27	5.7	522
600	612.5	2	232	1.28	5.2	342
600	637.5	3	71	1.29	5.0	207
600	662.5	4	34	1.30	5.1	164
600	687.5	5	23	1.31	4.6	165
600	712.5	6	21	1.32	5.8	210
650	637.5	1	742	1.50	5.0	311
650	662.5	2	166	1.52	5.0	206
650	687.5	3	66	1.53	5.2	163
650	712.5	4	39	1.54	4.6	159
650	737.5	5	34	1.54	5.1	208
650	762.5	6	18	1.55	5.0	153
700	687.5	1	649	1.73	5.0	236
700	712.5	2	125	1.26	5.2	187
700	737.5	3	59	1.26	4.5	177
700	762.5	4	46	1.27	4.5	228
700	787.5	5	23	1.28	4.5	169
700	812.5	6	23	1.29	5.4	235
750	737.5	1	375	1.05	4.8	224
750	762.5	2	117	1.06	4.5	208
750	787.5	3	77	1.08	4.7	269
750	812.5	4	34	1.10	4.9	194
750	837.5	5	31	1.11	5.2	263
750	862.5	6	26	1.13	5.8	304
800	787.5	1	550	2.00	4.0	173
800	812.5	2	259	2.01	4.5	243
800	837.5	3	98	2.02	4.6	183
800	862.5	4	80	2.03	5.1	248
800	887.5	5	64	2.04	5.7	296
800	912.5	6	37	2.04	6.3	239
850	837.5	1	453	1.31	3.8	217
850	862.5	2	120	1.33	4.4	170
850	887.5	3	84	1.35	4.8	235
850	912.5	4	60	1.35	5.4	279
850	937.5	5	33	1.36	5.7	229

850	962.5	6	29	1.36	5.8	281
900	887.5	1	477	1.45	3.5	207
900	912.5	2	211	1.48	4.5	269
900	937.5	3	120	1.50	5.1	302
900	962.5	4	58	1.51	5.6	241
900	987.5	5	47	1.53	5.7	290
900	1012.5	6	21	1.54	6.5	180
950	937.5	1	437	1.05	3.8	262
950	962.5	2	184	1.08	4.6	321
950	987.5	3	72	1.08	5.2	251
950	1012.5	4	52	1.08	5.3	303
950	1037.5	5	22	1.09	6.3	190
950	1062.5	6				
1000	987.5	1	423	1.05	4.0	253
1000	1012.5	2	129	1.06	4.9	229
1000	1037.5	3	83	1.09	5.2	287
1000	1062.5	4	32	1.11	6.2	181
1000	1087.5	5				
1000	1112.5	6				
1050	1037.5	1	426	1.22	4.5	219
1050	1062.5	2	194	1.24	4.9	295
1050	1087.5	3	62	1.28	6.2	183
1050	1112.5	4				
1050	1137.5	5				
1050	1162.5	6				
1100	1087.5	1	470	1.04	4.8	284
1100	1112.5	2	145	1.28	6.3	214
1100	1137.5	3				
1100	1162.5	4				
1100	1187.5	5				
1100	1212.5	6				
1150	1137.5	1	248	0.79	6.3	197

INTERPRETEX RESOURCES LTD. INDUCED POLARIZATION & RESISTIVITY SURVEY
POLE-DIPOLE ARRAY - pole is WEST (Pole Dir'n Code E & N = 1, W & S = -1)
ELECTRODE PARAMETERS - "a" = 50 meters, N = 1, 2, 3, 4, 5 & 6

USER CODES

GRID : Dupont Lake (meters = 1, feet = -1) Grid Units Code = 1
LINE : 122 N (1 = incr, -1 = decr), Pole Dir'n Code = -1
FILE NAME : W122N incr/decr P1 Loc. Code = 1 & "a" = 50

(+ = east, - = west) P1 Loc.	Plot Pt.	N	Vo (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	SP
50	37.5	1	347	0.89	6.3	245	26	
50	62.5	2	132	0.90	5.9	276	21	
50	87.5	3	58	0.91	5.7	240		
50	112.5	4	42	0.92	6.9	287		
50	137.5	5	30	0.92	6.8	307		
50	162.5	6	28	0.88	6.5	420		
100	87.5	1	438	0.87	5.6	316		
100	112.5	2	127	0.89	5.6	269		
100	137.5	3	79	0.91	6.9	327		
100	162.5	4	55	0.92	6.2	376		
100	187.5	5	48	0.94	6.4	481		
100	212.5	6	30	0.94	5.6	421		
150	137.5	1	652	1.52	5.2	270		
150	162.5	2	271	1.54	6.7	332		
150	187.5	3	150	1.55	6.0	365		
150	212.5	4	128	1.55	6.3	519		
150	237.5	5	73	1.56	5.6	441		
150	262.5	6	62	1.10	7.0	744		
200	187.5	1	707	1.27	6.5	350		
200	212.5	2	294	1.27	5.8	436		
200	237.5	3	195	1.27	6.1	579		
200	262.5	4	96	1.27	5.5	475		
200	287.5	5	58	1.27	6.0	430		
200	312.5	6	37	1.29	5.7	378		
250	237.5	1	838	1.34	5.2	393		
250	262.5	2	393	1.35	5.8	549		
250	287.5	3	166	1.35	5.3	464		
250	312.5	4	82	1.36	5.7	379		
250	337.5	5	52	1.36	5.6	360		
250	362.5	6	25	1.36	5.4	243		
300	287.5	1	1116	1.36	6.0	516		
300	312.5	2	328	1.38	5.3	448		
300	337.5	3	132	1.40	5.7	355		
300	362.5	4	77	1.41	5.5	343		
300	387.5	5	36	1.42	5.1	239		
300	412.5	6	32	1.43	6.3	295		
350	337.5	1	992	1.38	4.5	452		
350	362.5	2	230	1.40	5.3	310		
350	387.5	3	117	1.41	5.1	313		
350	412.5	4	50	1.42	4.9	221		
350	437.5	5	41	1.44	5.8	268		
350	462.5	6	26	1.44	5.5	238		
400	387.5	1	526	1.26	4.9	262		
400	412.5	2	197	1.27	5.0	292		
400	437.5	3	73	1.27	4.6	217		

400	462.5	4	53	1.28	5.3	260
400	487.5	5	31	1.28	5.4	228
400	512.5	6	25	1.28	6.1	258
450	437.5	1	635	1.48	4.4	270
450	462.5	2	163	1.50	4.2	205
450	487.5	3	99	1.51	5.1	247
450	512.5	4	53	1.53	5.0	218
450	537.5	5	40	1.54	5.4	245
450	562.5	6	33	1.55	6.4	281
500	487.5	1	349	1.19	4.1	184
500	512.5	2	148	1.21	5.1	231
500	537.5	3	68	1.24	5.0	207
500	562.5	4	46	1.25	5.3	231
500	587.5	5	35	1.26	6.1	262
500	612.5	6	20	1.26	5.4	209
550	537.5	1	522	1.56	4.5	210
550	562.5	2	173	1.63	4.7	200
550	587.5	3	100	1.68	5.0	224
550	612.5	4	65	1.68	5.8	243
550	637.5	5	40	1.88	5.2	201
550	662.5	6	31	1.90	5.9	215
600	587.5	1	475	2.03	4.0	147
600	612.5	2	209	2.04	4.4	193
600	637.5	3	144	2.04	5.4	266
600	662.5	4	57	2.05	4.8	175
600	687.5	5	42	2.05	5.3	193
600	712.5	6	25	1.99	5.3	166
650	637.5	1	606	1.08	4.6	353
650	662.5	2	192	1.10	5.0	329
650	687.5	3	81	1.12	4.5	273
650	712.5	4	53	1.14	5.4	292
650	737.5	5	30	1.15	5.0	246
650	762.5	6	18	1.16	4.8	205
700	687.5	1	628	1.85	4.8	213
700	712.5	2	179	1.88	4.1	179
700	737.5	3	102	1.90	4.8	202
700	762.5	4	51	1.95	4.4	164
700	787.5	5	29	1.95	4.0	140
700	812.5	6	24	1.95	5.1	162
750	737.5	1	523	1.72	4.1	191
750	762.5	2	206	1.74	4.8	223
750	787.5	3	84	1.74	4.4	182
750	812.5	4	42	1.75	3.6	151
750	837.5	5	32	1.76	5.2	171
750	862.5	6	30	1.77	5.5	224
800	787.5	1	634	1.28	5.6	311
800	812.5	2	176	1.30	5.3	255
800	837.5	3	69	1.36	4.2	191
800	862.5	4	47	1.37	4.8	216
800	887.5	5	37	1.38	5.4	253
800	912.5	6	22	1.38	5.8	210
850	837.5	1	639	1.48	4.6	271
850	862.5	2	164	1.49	3.7	207
850	887.5	3	95	1.50	4.8	239
850	912.5	4	65	1.50	5.0	272
850	937.5	5	35	1.51	5.2	218

850	962.5	6	26	1.52	6.0	226
900	887.5	1	428	1.24	4.1	217
900	912.5	2	189	1.27	5.0	281
900	937.5	3	100	1.29	5.1	292
900	962.5	4	48	1.30	5.1	232
900	987.5	5	33	1.31	5.7	237
900	1012.5	6	28	1.32	5.8	280
950	937.5	1	712	1.26	4.5	355
950	962.5	2	233	1.30	4.6	338
950	987.5	3	93	1.33	4.6	264
950	1012.5	4	55	1.37	4.9	252
950	1037.5	5	43	1.39	5.6	292
950	1062.5	6				
1000	987.5	1	713	1.26	4.1	356
1000	1012.5	2	186	1.30	4.3	270
1000	1037.5	3	91	1.32	4.6	260
1000	1062.5	4	66	1.34	5.4	309
1000	1087.5	5				
1000	1112.5	6				
1050	1037.5	1	606	1.28	4.0	297
1050	1062.5	2	188	1.28	4.4	277
1050	1087.5	3	112	1.29	5.0	327

Appendix IV

ROCK SAMPLE DESCRIPTIONS

ROCK SAMPLE DESCRIPTIONS

Sample No.	Grid Coord.	Description
88-01	Rhyolite	-grab, carbonate alteration, rusty ankerite, calcite veinlets, 2 ppb Au, .4 ppm Ag
88-02	Rhyolite	-grab, 5 cm quartz veinlet within basalt, py, cpy, mal, az, 24 ppb Au, 4.1 ppm Ag, 3770 ppm Cu, 387 ppm Zn
88-03	Rhyolite	-grab, 5-10 cm wide calcite veinlets within basalt, 10% py, sp, 7 ppb Au, .2 ppm Ag, 326 ppm Cu, 974 ppm Zn
88-04	Rhyolite	-grab, quartz-carbonate veinlets within basalt, py, 41 ppb Au, 2.6 ppm Ag, 303 ppm Cu, 2183 ppm Zn
88-05	Rhyolite	-grab, rusty fracturing & shearing, 10% py, 16 ppb Au, .4 ppm Ag, 206 ppm Cu, 1951 ppm Zn
88-06	Rhyolite	-grab, felsic dyke, 1% py, 5 ppm Au, 4.4 ppm Ag, 93 ppm Cu, 122 ppm Zn
88-07	Meadow	-float, carbonate altered, minor mariposite, 9 ppb Au, 2.6 ppm Ag, 175 ppm Cu
88-08	Pom Pom?	-float, white calcite veinlets within maroon tuff, chalcocite, mal, 1 ppb Au, 2.4 ppm Ag, 17552 ppm Cu,
88-09	Meadow	-float, rusty, silicified & carbonate altered, 3 ppb Au, 1.9 ppm Ag, 229 ppm Cu
88-10	Meadow	-grab, minor silicification, narrow calcite veinlets, 1 ppb Au, 1.4 ppm Ag,
88-11	Meadow	-grab, weak carbonate alteration, rusty, 35 ppb Au, .3 ppm Ag
88-12	Meadow	-1 m chip, carbonate alteration, minor mariposite, 14 ppb Au, 1.5 ppm Ag,
88-13	Meadow	-1 m chip, carbonate alteration, minor mariposite, 2 ppb Au, 1.6 ppm Ag,
88-14	Meadow	-1 m chip, carbonate alteration, fg py?, 1 ppb Au, 1.8 ppm Ag,

88-15 Meadow -grab, carbonate alteration, 10 ppb Au, 1.8 ppm Ag,

88-16 Meadow -random chip, silicified zone, minor py, hem on fractures, 1 ppb Au, 1.7 ppm Ag,

88-17 Meadow -grab, shear, chlorite, talc, calcite veinlets, 2 ppb Au, .6 ppm Ag,

88-18 Meadow -grab, rusty, carbonate altered, minor mariposite, hem on fractures, 2 ppb Au, 1.1 ppm Ag,

88-19 Meadow -grab, weak carbonate alteration, rusty, 25 ppb Au, .8 ppm Ag,

88-20 Meadow -float, rusty, carbonate altered, mariposite, 1 ppb Au, 1.0 ppm Ag, trench A,

88-21 Meadow -float, rusty, carbonate altered, mariposite, 34 ppb Au, 1.1 ppm Ag, trench A,

88-22 Meadow -float, rusty, carbonate altered, mariposite, 3 ppb Au, .8 ppm Ag, trench A,

88-23 Meadow -float, carbonate alteration, tr py, minor silicification, mariposite, 7500 ppb Au, 67.6 ppm Ag, trench B,

88-24 Meadow -2.3 m chip, rusty, carbonate alteration, weak shearing, 2 ppb Au, 3.7 ppm Ag, trench B

88-25 Meadow -float, rusty, carbonate alteration, mariposite 436 ppb Au, 12.2 ppm Ag, trench B,

88-26 Meadow -float, rusty, carbonate alteration, mariposite 64 ppb Au, 3.2 ppm Ag, trench B,

88-27 Meadow -float, weak carbonate alteration, 1 ppb Au, 1.1 ppm Ag, trench C,

88-28 Meadow -grab, weak carbonate alteration, rusty fractures, epidote, 12 ppb Au, .6 ppm Ag,

88-29 Meadow -float, quartz mariposite schist, ga, sp, cpy, 605 ppb Au, 165.1 ppm Ag, 553 ppm Cu, 2158 ppm Pb, 2737 ppm Zn,

88-30 Meadow -float, quartz mariposite schist, ga, sp, cpy, 482 ppb Au, 258.4 ppm Ag, 442 ppm Cu, 2901 ppm Pb, 1783 ppm Zn,

Appendix V

COST STATEMENT

COST STATEMENT

INTERPRETEX RESOURCES LTD.

Personnel

E.R. Rockel, Geophysicist
Oct. 29, Nov. 1, 3, 4, 1988

1. Bzdel, Field Geophysicist
Sept. 2-13, 1988

T. Iannone, Geophysical Technician
Sept. 2-13, 1988

D. Segal, Geophysical Technician
Sept. 2-13, 1988

B. McPhee, Geophysical Technician
Sept. 2-13, 1988

M. Gawne, Geophysical Technician
Sept. 2-13, 1988

MOBILIZATION-DEMOBILIZATION

- includes	- personnel	
	- geophysicl instruments	
	- two 4x4 trucks	
	- fuel and oil	
	- food and accommodation	$ 1,250.00

INDUCED POLARIZATION SURVEY

- includes	- salaries	
	- equipment	
	- vehicle rental	
	- food and motel for personnel	
	- field and office supplies	
	- fuel and oil	
	11 days survey	18,590.00

DATA MANIPULATION AND REPORTING

- includes	- computer data processing	
	- preliminary maps	
	- data interpretation	
	- report writing	
	- final computer data plotting and map production	
	- materials, supplies and shipping costs	1,500.00

GRANT CROOKER, GEOLOGICAL SERVICES

SALARIES

- **Grant Crooker, Geologist** June 2-8, 11, 13-16, Aug. 26-28, Sept. 13-15, Nov. 1-3, 1988 21 days @ $ 350/day	$ 7,350.00
- **L.W. Saleken, Geologist** Aug. 26- 28, 1988 3 days @ $ 350.00/day	1,050.00
- **Lee Mollison, Field Assistant** June 2-8, 11, 13-16, 1988 12 days @ $ 150.00/day	1,800.00
- **Frank Haidlauf, Field Assistant** June 2-8, 11, 13-16, 1988 12 days @ $ 150.00/day	1,800.00

MEALS and ACCOMMODATION

- Grant Crooker - 15 days @ $ 60.00/day	900.00
- L.W. Saleken - 3 days @ $ 60.00/day	180.00
- Lee Mollison - 12 days @ $ 60.00/day	720.00
- Frank Haidlauf - 12 days @ $ 60.00/day	720.00

TRANSPORTATION

- Vehicle Rental(Ford 3/4 ton 4x4) June 2-8, 11, 13-16, Aug. 26-28, 1988 15 days @ $ 60.00/day	900.00
- Gasoline	322.40
- Vehicle Rental(Datsun pick-up) 1942 kms @ .25/km	485.50
- Vehicle Rental(1984 Bronco 4x4) Aug. 26-28, 1988 3 days @ $ 60.00/day	180.00
- Gasoline	90.00

EQUIPMENT RENTAL

- Powersaw Rental June 2-7, 14, 14, 1988 8 days @ $ 25.00/day	200.00
- Gas and Oil	40.43

ANALYSIS

- 31 rock samples, 12 element ICP, Au fire @ $ 17.00/ sample	527.00
- 403 soil samples, 12 element ICP, Au aqua regia @ $ 11.75/sample	4,735.25
- 1 assay, Au @ $ 8.50	8.50

SUPPLIES

- Hipchain thread, flagging, etc.	211.33

FREIGHT	31.90
DRAUGHTING	550.00

PREPARATION of REPORT

- Secretarial, reproduction, telephone, Office overhead etc.	1,500.00
TOTAL $	45,642.31

500 W

00

500 E

400 N

200 N

00

100 S

88-1 (2,0.4,56,78) grab

calcite veinlets

88-2 (24,0.1,3770,387)

x 1987 SHOWINGS

88-3 (7,0.2,326, 974) grab

88-4 (41, 2.6, 303, 2183) grab

88-5 (16,0.4,206,195) grab

88-6 (5,44,93,122) grab

1986 SHOWING X

py

q.v.

q.c.v.

80

85

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,048

LEGEND

- STATION
- ROAD
- TRENCH
- OUTCROP
- GEOLOGICAL CONTACT - defined, approx.
- SHEARING & DIP
- VEIN (Q.V. QUARTZ VEIN, C.V. CALCITE ")
- △ ROCK SAMPLE Nº. (Au in ppb, Ag, Cu, Zn in ppm)

3 FELSIC DYKE
2 VOLCANICLASTIC BRECCIA
1 AMYGDALOIDAL BASALT

py PYRITE
cpy CHALCOPYRITE
mal MALACHITE
az AZURITE

G. E. CROOKER
GEOLOGICAL ASSOCIATION OF CANADA
G. D. FELL

WESTERN RESOURCE TECHNOLOGIES INC.

WRT CLAIMS
RHYOLITE GRID
GEOLOGY

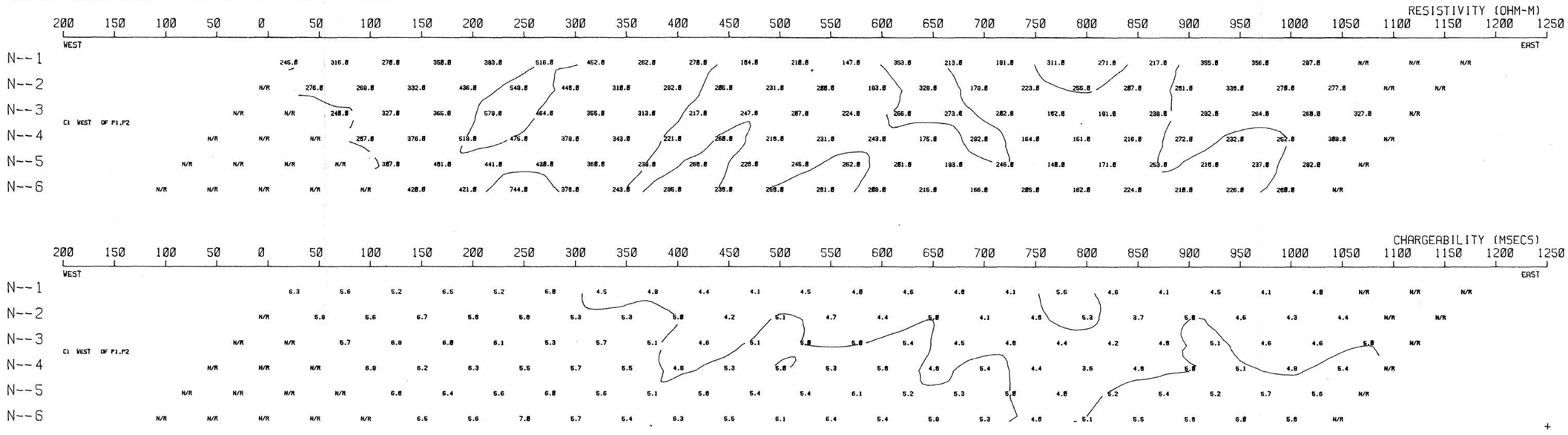
N.T.S. 92 I - 7E KAMLOOPS M.D., B.C.

0 50 100 150 metres

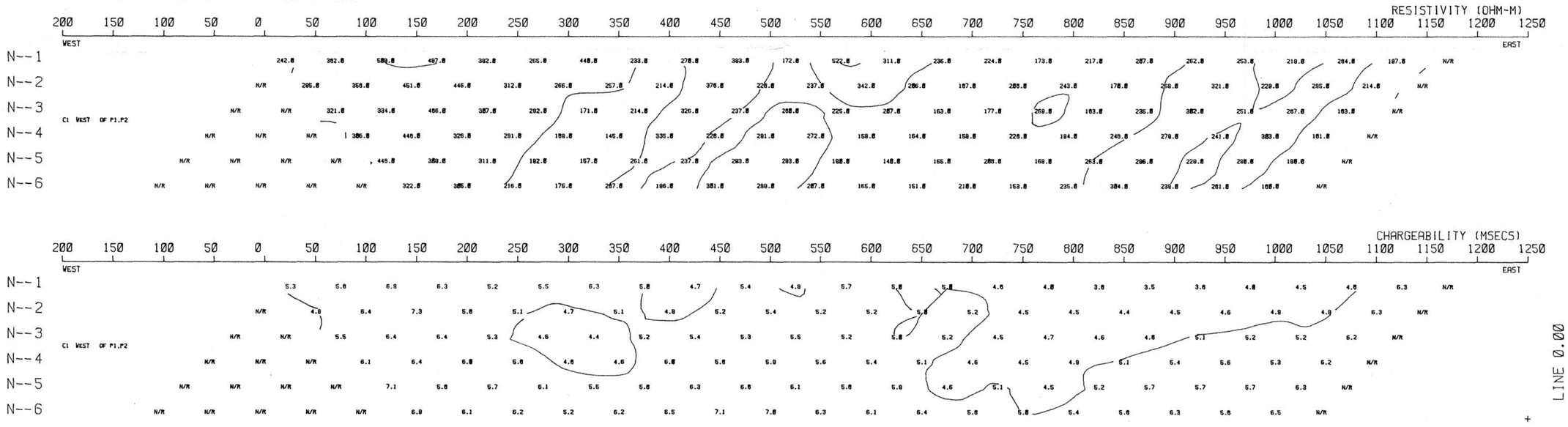
SCALE 1:2500	DATE : NOV. 1988
DRAWN BY : G. CROOKER	FIGURE Nº. 6

CHONG

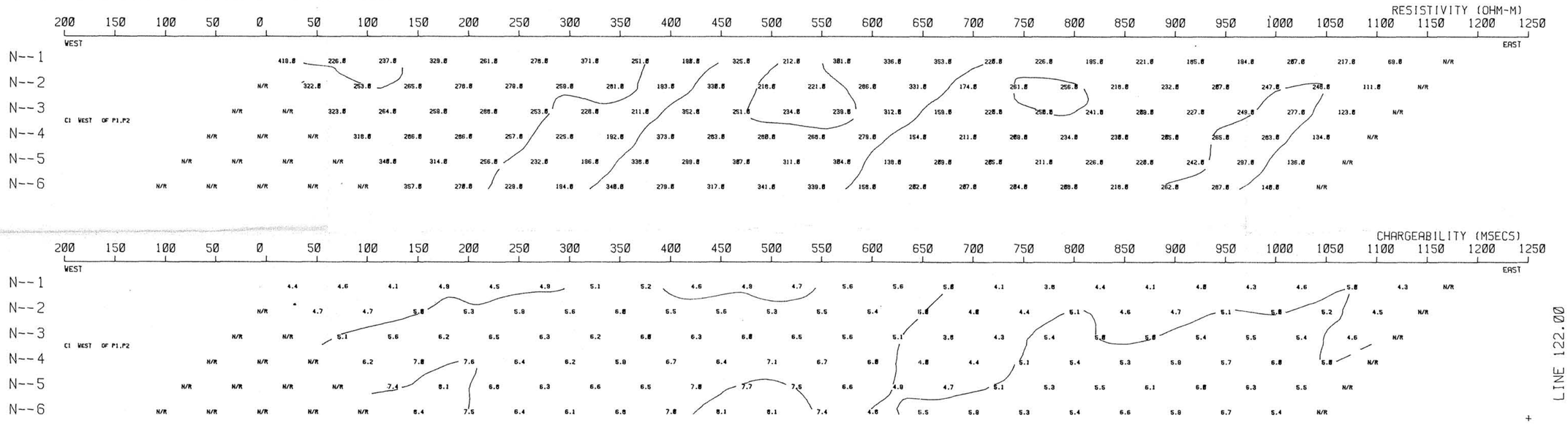
DUPONT LAKE GRID - LINE 122 N - SCALE 1:3000



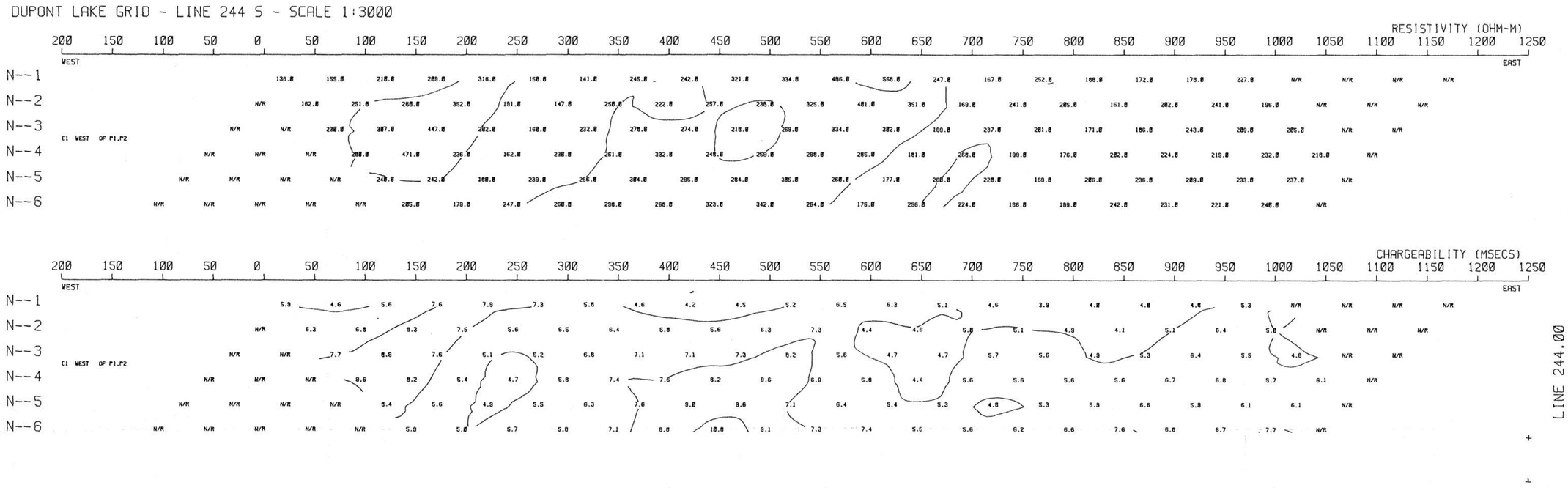
DUPONT LAKE GRID - LINE 0 - SCALE 1:3000



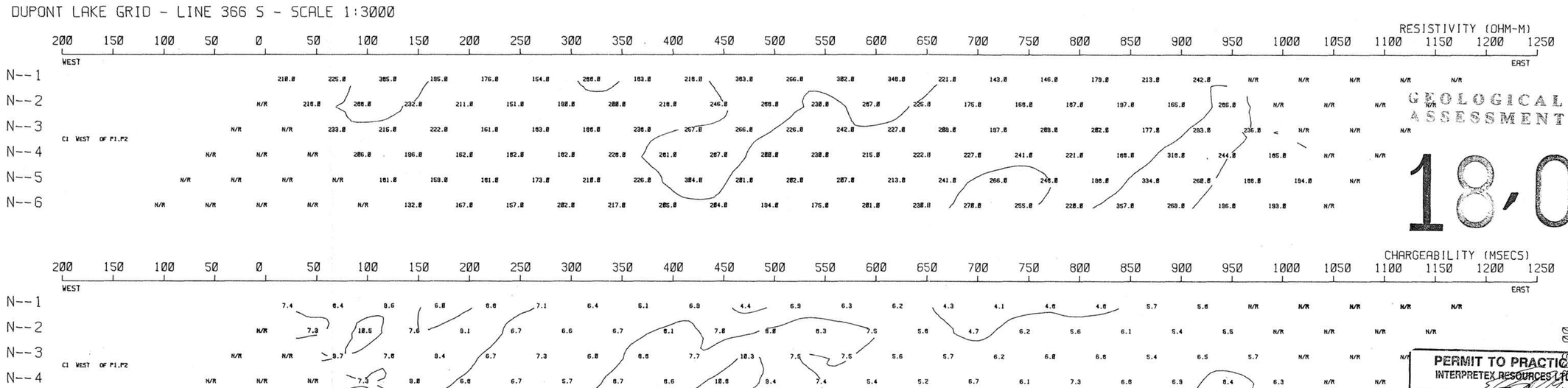
DUPONT LAKE GRID - LINE 122 S - SCALE 1:3000



DUPONT LAKE GRID - LINE 244 S - SCALE 1:3000



DUPONT LAKE GRID - LINE 366 S - SCALE 1:3000



SURVEYED BY: INTERPRETEX RESOURCES LTD.	DRAWN BY: INTERPRETEX	WESTERN RESOURCE TECHNOLOGIES VANCOUVER, B.C.	DUPONT LAKE GRID - I.P. PSEUDOSECTIONS LOGAN LAKE AREA, KAMLOOPS MINING DIVISION, BRITISH COLUMBIA WRT CLAIMS REPORT BY: GRANT CROOKER & E.R. ROCKEL DATA COMPILATION BY: INTERPRETEX RES.	SCALE: 1:3000
RESISTIVITY CONTOUR INT = 250 OHM-METERS	DATE: NOV. 1, 1988			PROJECT NO.: 88614
CHARGEABILITY CONTOUR INT = 2.5 MSEC.	FIGURE # GP - 3			N.T.S. NO.: 92 I/7E

17850E 18050E 18250E 18450E 18650E 18850E 19050E 19250E

9700 N
9500N
9300 N
9100 N
8900N
8700N
8500N
8300 N

MEADOW CREEK

88-10 (1, 1.4) grab
88-11 (35, .3) grab
88-9 (7, 1.9)
88-7 (9, 2.6)

Au-1
Au-2
Au-3
Au-4
Au-5
Ag-1
Ag-2
Ag-3

TR. A
TR. B
TR. C

LEGEND

- STATION
- ROAD
- TRENCH
- STREAM
- SWAMP
- FLOAT SAMPLE (Nº. – Au ppb, Ag ppm)
- BEDROCK " (" – " , ")
- 10 — ⅟ 10 ppb Au ANOMALOUS
- 1.4 — ⅟ 1.4 ppm Ag "

12 + 1.5 Au ppb, Ag ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,048

GEOLOGICAL ASSOCIATION OF CANADA · G.F. CROOKER · FELLOW ·

WESTERN RESOURCE TECHNOLOGIES INC.

WRT CLAIMS
MEADOW CREEK GRID
SOIL GEOCHEMISTRY
Au & Ag

0 50 100 200 metres

SCALE 1:2500	DATE: NOV. 1988
DRAWN BY: G. CROOKER	FIGURE Nº. 7

17850E 18050E 18250E 18450E 18650E 18850E 19050E 19250E

9700 N
9500N
9300N
9100 N
8900N
8700N
8500N
8300N

MEADOW CREEK

88-10 (77, 31) grab
88-11 (9,55) grab
88-7 (175, 27)

TR. A
TR. B
TR. C

Cu-1
Cu-2
Cu-3
Cu-4

LEGEND

- STATION
- ROAD
- TRENCH
- STREAM
- SWAMP
- FLOAT SAMPLE (Nº. – Cu ppm, Zn ppm)
- BEDROCK " (" – " , ")
- 45 ⟨ ⟩ ⅄ 44 ppm Cu ANOMALOUS
- 81 ⟨ ⟩ ⅄ 66 " Zn "
- 38 ł 42 Cu , Zn IN ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,048

GEOLOGICAL ASSOCIATION OF CANADA · G. F. CROOKER · FELLOW

WESTERN RESOURCE TECHNOLOGIES INC.

WRT CLAIMS
MEADOW CREEK GRID
SOIL GEOCHEMISTRY
Cu & Zn

0 50 100 200 metres

SCALE 1:2500	DATE : NOV. 1988
DRAWN BY: G. CROOKER	FIGURE Nº. 8