Geophysical Report

3D Induced Polarization

ON

Brewster Lake Project

FOR

Pacific Cascade Minerals Inc.

520-700 W. Pender St.
Vancouver, BC
Canada V6C 1G8

395577E 5918603N (Line 2000N, Station 5000E) - NAD83 Zone10

Location: Vanderhoof, Northern British Columbia

NTS Sheet: 93F07

TRIM Mapsheet: 093F037, 038 & 093F047, 048

Mining Zone: Ominica Mining Division

Survey Conducted by
SJ Geophysics Ltd.
October - December 2007

Report Written by:
Brian Chen
Reviewed by:
Shawn Rastad
S.J.V. Consultants Ltd.

Revised in July 2008

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List of Digital Files Included With Report

File Name	Description
Pacificsurveylines.xls	Excel spreadsheet, location data
Pacific_Planmaps_CHG.pdf	PDF file format, interpreted chargeability plan maps.
Pacific_Planmaps_RES.pdf	PDF file format, interpreted resistivity plan maps.
PacificBrewsterLake_3DSections.pdf	PDF file format, interpreted resistivity and Chargeability Cross Sections.

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1. Introduction

A 3D Induced Polarization survey was undertaken by SJ Geophysics Ltd. between October 5th and December 4th, 2007. The survey covered two companies mineral claims and was acquired as a single project to improve logistics efficiency. For Pacific Cascade Minerals Inc., data was acquired on its Brewster Lake project between November 3rd and December 4th, with a total of 14 production days during this period. In April 2008, between 10th and 19th, 5 lines to the north extension of the previous grid were surveyed with 3D IP.

The Brewster Lake project is located approximately 80 kilometers southwest of Vanderhoof, B.C., Canada. It is adjacent to the Nechako Minerals Corp.'s Fish property. The purpose of the survey was to assist with the geological mapping process by outlining subsurface features as well to identify priority drill targets in a known epithermal gold-silver mineralization system.

This report describes the ground geophysical project and discusses the resistivity and chargeability responses based on the 3D IP inverted models of the survey. It is written as an addendum to a more complete report; therefore, this does not cover items such as discussion of the background geology or costs associated with the survey.

2. Location and Line Information

The Brewster Lake project is located approximately 80 kilometers southwest of Vanderhoof (Figure 1). The geophysical grid was accessible via Kluskus Forestry Road from Vanderhoof. The Grid was located at about 90km sign along Kluskus Forestry Road. Access to the grid was by road using two wheel drive vehicles in fair weather, while a four wheel drive vehicle was required in poor weather. Accommodations and meals for the geophysical crew were provided by the client at the Kluskus camp, which was located at 102km sign along Kluskus Road. The total driving distance from camp the grid was approximately 15km.

The vegetation in the survey area was mainly evergreens. The region had swamps, creeks and lakes which affect the production of the survey. The grid was relatively flat with approximate topographic relief of 370 m.

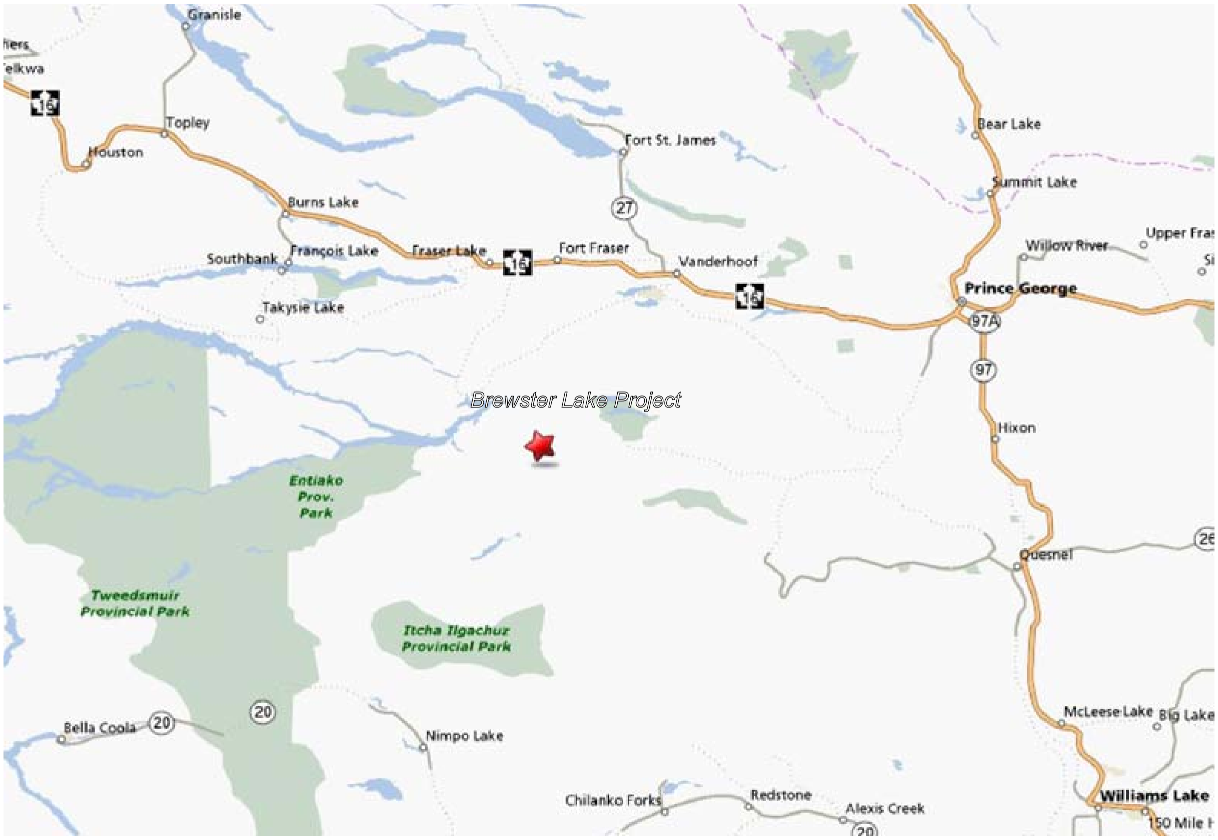


Figure 1: Location of Brewster Lake Project
(Base Map Derived From MapQuest, www.mapquest.com)

The grid surveyed in 2007 consisted of 11 east west oriented lines with length varies from 2.6 to 4.6 km. While the north extension has 5 lines with one line overlapped with the previous grid. The length of the line is between 2.3km to 2.5 km. The line spacing of the whole grid was of 200m. Some of the lines were separated by water bodies (Figure 2). Pickets with labels were placed at stations at 50m interval along each line.

The total line kilometres surveyed in 2007 and 2008 were 36.15km and 12.1km respectively. Tables on Appendix 2 shows more detailed surveyed line information.

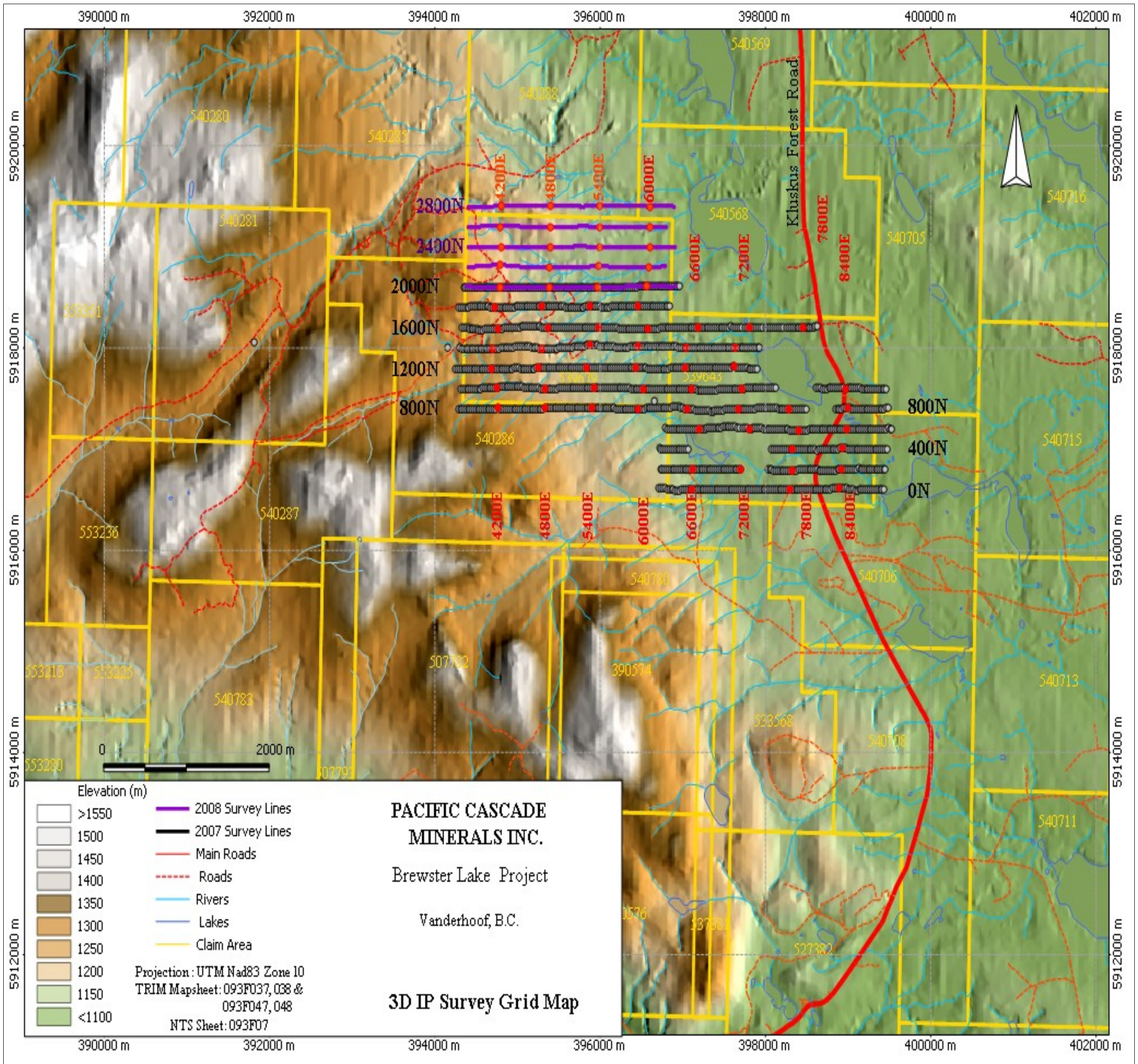


Figure 2: Geophysical Grid Map

3. Field Work and Instrumentation

3.1. Survey in 2007

The SJ Geophysics Ltd IP crew consisted of four to eleven employees during the period of survey. A total of 23 employees were involved due to the crew member break or exchange. These employees are Aaron Snider(Geophysicists), Mohammad Braim, Jeff Moorcroft, Jeramine Atatise, Ben Auckland, Mark Aziz, Bobby Benson, Clinton Brown, Lauran Devlin, Liam Fowlie, Dustin Hicks, Kerry Ko, Ian Lockman, Walter Mainville, Luka Moriah, Francis Namox, Darryl Oulton, Robert Remi, Marty Theodoros, Alex Visser, Dustin Walcer, John Wilkinson and Clint Williams.

Lauran, Mohammad, Kerry and Walter mobilized with IP equipment from Delta, B.C. and picked up Dustin from previous project in Cache Creek on October 5 and arrived at Prince George on the same day. They met with the line cutting crew in Vanderhoof the following morning and arrived at camp.

IP data acquisition for Pacific Cascade Minerals Inc. began on November 3rd. Two snow mobiles were provided by the client from mid November till the end of the survey. Crew change happened on the fourth week of October and on November 15. Due to the size of the full project, the crew needed to spend a significant amount of time on hiking to lay out wires and cables. Wires and cables were also frequently broken by wild animals which also hindered the production.

The survey was finished on December 4. The crew demobilized on the same day. The survey for the portion of Pacific Cascade Inc. included several partial days of acquisition and the total production days is equivalent to 14 days.

For the 3D IP survey, a modified pole-dipole configuration array was used with a combination of 5 to 12 dipoles of 100m to 300m separation. The IP data was collected using SJ Geophysics' Full Wave Form receiver. As for the transmitters, one GDD Tx II 3.6 KW and one VIP 4000 were used during the duration of the program. For the production phase, the 3D configuration consisted of two current lines being recorded into the receiver line. The two current injection locations were on the two adjacent survey lines 200m away from the receiver line.

During most of the survey period, the current was injected with a 1 second on, 1 second off duty cycle into the ground via a transmitter (Tx). The reason to use this frequency was try to avoid the interference from another IP survey undertaken simultaneously in the same area at the beginning of the survey. However, 2 second on, 2 second off duty cycle current injection was also applied occasionally. The data was re-processed at the S.J.V. Consultants Ltd office by applying an appropriate time windows and integrated with the other data set.

The potential array was implemented using specialized 8 conductor IP cables configured with 50m takeouts for the potential rods. At each current station, the electrodes used consisted of 15mm stainless steel rods of approximately 1m in length. For the potential line, the electrodes consisted of 10mm stainless steel “pins” of 0.5m in length. The exact location of the remote current is used in the geophysical calculations.

Location data was collected using a standard Garmin handheld GPS. The location data was in NAD 83 projection and integrated with BC Trim DEM for the inversion process. Survey data QC and processing were done on a daily basis.

3.2. Survey in 2008

The SJ Geophysics Ltd. crew consisted of 8 employees: Mohammad Braim (geophysicists), Shahid Saleemi, Liam Fowlie, Alexandre Jego, Walter Mainville, Vernon Prince, Robert Remi, Eugene Tom and Dustin Walcer. Crew meals and accommodations were provided by the client at Kluskus camp which was about 10 km away from the grid.

Mohammad, Vernon, Eugene, Liam and Dustin mobilized to the camp from a previous project on April 10th, 2008. Shahid arrived at the camp in the evening on April 12th. There was a crew change on April 15th and April 16th. Robert, Walter and Alex mobilized to the camp and replaced Dustin, Mohammad and Eugene.

The crew helped the line cutters putting in grid and set up the IP survey on April 11th and 12th. IP data collection took place on April 13th, 14th, 17th and 18th. During the survey period, 5 days were spent on setting up the grid, assisting in chaining and flagging. The field survey was finished on April 19th. The crew cleaned up the site and demobilized.

For the 3D IP survey, a modified pole-dipole configuration array was used with a combination of 12 dipoles of 100m to 300m separation. The IP data was collected using SJ

Geophysics' Full Wave Form receiver. As for the transmitters, two GDD Tx II 3.6 KW were used. One set was used as working unit while the other set as backup. For the production phase, the 3D configuration consisted of two current lines being recorded into the receiver line. The two current injection locations were on the two adjacent survey lines 200m away from the receiver line.

During the survey period, the current was injected with a 2 second on, 2 second off duty cycle into the ground via a transmitter (Tx). The data was re-processed at the S.J.V. Consultants Ltd office by applying an appropriate time windows in order to integrated with the other previous data set.

The cables and electrodes used have the same specifications as the previous survey.

4. Geophysical Techniques

4.1. IP Method

The time domain IP technique energizes the ground surface with an alternating square wave pulse via a pair of current electrodes. On most surveys, such as this one, the IP/Resistivity measurements are made on a regular grid of stations along survey lines.

After the transmitter (Tx) pulse has been transmitted into the ground via the current electrodes, the IP effect is measured as a time diminishing voltage at the receiver electrodes. The IP effect is a measure of the amount of IP polarizable materials in the subsurface rock. Under ideal circumstances, IP chargeability responses are a measure of the amount of disseminated metallic sulfides in the subsurface rocks.

Unfortunately, there are other rock materials that give rise to IP effects, including some graphitic rocks, clays and some metamorphic rocks (serpentinite for example). So from a geological point of view, IP responses are almost never uniquely interpretable. Because of the non-uniqueness of geophysical measurements it is always prudent to incorporate other data sets to assist in interpretation.

Also, from the IP measurements the apparent (bulk) resistivity of the ground is calculated from the input current and the measured primary voltage. IP/resistivity measurements are generally considered to be repeatable to within about five percent. However, they will exceed that if field conditions change due to variable water content or variable electrode contact.

IP/resistivity measurements are influenced, to a large degree, by the rock materials nearest the surface (or, more precisely, nearest the measuring electrodes), and the interpretation of the traditional pseudosection presentation of IP data in the past has often been uncertain. This is because stronger responses that are located near surface could mask a weaker one that is located at depth.

4.2. 3D-IP Method

Three dimensional IP surveys are designed to take advantage of the interpretational functionality offered by 3-D inversion techniques. Unlike conventional IP, the electrode arrays are no longer restricted to in-line geometry. Typically, current electrodes and receiver electrodes are located on adjacent lines. Under these conditions, multiple current locations can be applied to a single receiver electrode array and data acquisition rates can be significantly improved over conventional surveys.

In a common 3D-IP configuration, a receiver array is established, end-to-end along a survey line while current electrodes are located on two adjacent lines. The survey typically starts at one end of the line and proceeds to the other end. A 12 dipoles array normally consists of 12 100m dipoles. Current electrodes are advanced along the adjacent lines, starting at approximate 200m from the centre of the array and advance approximately 400m through the array at 100m increments. At this point, the receiver array is advanced 400m and the process is repeated down the line. Receiver arrays are typically established on every second line (400m apart) thereby providing subsurface coverage at 200m increments.

5. 3D-IP Inversion Programs

"Inversion" programs have recently become available that allow a more definitive interpretation, although the process remains subjective.

The purpose of the inversion process is to convert surface IP/Resistivity measurements into a realistic "Interpreted Depth Section." However, note that the term is left in quotation marks.

The use of the inversion routine is a subjective one because the input into the inversion routine calls for a number of user selectable variables whose adjustment can greatly influence the output. The output from the inversion routines do assist in providing a more reliable interpretation of IP/ Resistivity data, however, they are relatively new to the exploration industry and are, to some degree, still in the experimental stage.

The inversion programs are generally applied iteratively to evaluate the output with regard to what is geologically known, to estimate the depth of detection, and to determine the viability of specific measurements.

The Inversion Program (DCINV3D) used by the SJ Geophysical Group was developed by a consortium of major mining companies under the auspices of the UBC-Geophysical Inversion Facility. It solves two inverse problems. The DC potentials are first inverted to recover the spatial distribution of electrical resistivity, and, secondly, the chargeability data (IP) are inverted to recover the spatial distribution of IP polarizable particles in the rocks.

The interpreted depth section maps represent the cross sectional distribution of polarizable materials, in the case of IP effect, and the cross sectional distribution of the resistivity, in the case of the resistivity parameter.

6. Data Presentation

6.1. Cross Sections

As described above, the IP data is processed through an inversion program that outputs one possible subsurface distribution of resistivity and polarizable materials that would produce the observed data. These results are presented in a false-colour cross section and these displays can be directly interpreted as geological cross sections.

Cross sections for the resistivity survey are created as 1:5000 scale plots and provided to the clients in digital PDF format files. Cross section maps of page size are also produced and included in Appendix 4

6.2. Plan Maps

False colour contour maps of the inverted resistivity result can be produced for selected depths.

Data is positioned using UTM coordinates gathered during the field work. This display illustrates the areal distribution of the geophysical trends, outlining strike orientations and possible fault offsets.

Plan maps are created at depths of 25m, 50m, 100m, 150m, 200m, 300m and 400m below surface at a 1:5000 scale and provided to the clients in digital PDF format files. Plan maps of page size are also produced and included in Appendix 4.

6.3. Inversion Model

With computer technology that exists today, the 3D inversions results can be easily viewed using a 3D visualization program such as UBC-GIF's dicer3d program or open-source software packages such as Paraview or Mayavi. These programs use a block model format to manipulate the data and allow a user to view the model from infinite viewing angles, or to create infinite cross-sections or plan maps. In addition, these visualization programs allow the user to isolate different isosurfaces to facilitate interpretation of the data.

7. Discussion of Inversion Models

7.1. Background Geology

The geophysical survey grid is located in the southeastern portion of the Cheslatta Caldera Complex which consists of a number of different assemblages of Tertiary volcanic and sedimentary rocks. The caldera complex is underlain by Early Tertiary felsic volcanies of Ootsa Lake Group and basic volcanics of Endako Group. The geological structure of the survey area is controlled by regional northwest and northeast trending fault system. The grid is also situated on the eastern side of a northwest trending range, the Nechako Horst, and on the northern side of a major regional fault, the Top Lake Fault. The mineralization types on the Brewster Lake project include low sulphidation volcanic-hosted and hot-spring type epithermal gold silver mineralization and possible porphyry type of mineralization. The location of Brewster Lake project is adjacent to the Nechako Minerals Corp.'s Fish property. The above geological information is derived from NI43-101 Report on the Fish Property, Warren Robb, 2007.

7.2. Inversion Models

The survey parameters of 100m dipole and 200 line separation is designed for larger porphyry type targets. In the near surface, less than 100m, the results can be considered of poor resolution and would be difficult to detect a small feature in the near feature that exists between the lines. As a result, the survey is designed to detect a target size on the order of 100m x 100m.

Figure 3 shows the inverted resistivity false color contour plan map at depth of 200m below surface. An obvious northwest trending linear resistivity contact, denoted in Figures 3 with dashed bold line in light blue color, separates the survey area into two parts with different resistivity feature. To the east of it, the ground is characterized by relatively low resistivity values. It might suggest a rock type change over this contact. To the west of it, the resistivity values are higher. Two resistivity lineaments are also recognized in the west portion of the grid and marked as bold dashed lines in light blue in Figure 3. The resistivity features is illustrated more clearly in Figure 4. Figure 4 shows the inverted resistivity features of the inversion model with different cut off values, viewed from the top of the model. The volume with inverted resistivity values less than 200Ohm.m is shown in blue color while the volumes with relatively high inverted resistivity values greater than 600, 1000 and 1800 Ohm.m are displayed in yellow, brown and red color respectively.

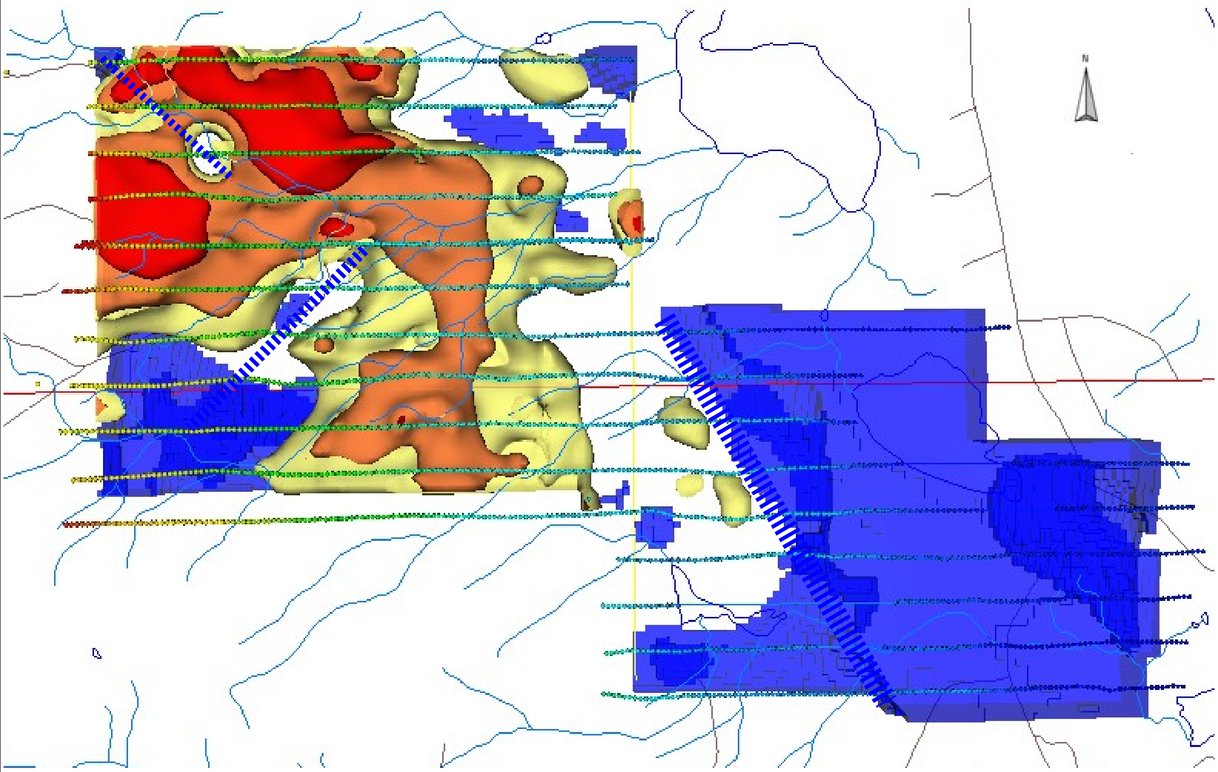


Figure 4: 3D Perspective Plot of Simplified Resistivity Inversion Model

High resistivity units, with values >600, 1000, 1800 Ohm-m. are displayed in yellow, brown and red, Low resistivity units, with values <200Ohm.m are shown in blue color. Bold dashed lines in light blue show the resistivity lineaments.

Figure 5 shows the chargeability feature of the grid at depth of 200m below surface. The western portion of the grid is featured with very high chargeability values while the eastern portion is dominated by low chargeability response.

The relatively weak chargeability anomalies may be associated with alteration zones in the area. The mineralization on the east portion of the grid may be related to the epithermal alteration deposit with low sulfidation. The occurrence of the chargeability anomalies coincide with the regional geochemical anomalies and associated with the regional NW trending fault that runs through this portion of the grid (See NI43-101 Report on the Fish Property).

The very high chargeability in the southwestern corner of the grid is associated with low resistivity unit and might suggest the existence of sulfidic graphitic rock. Figure 6 shows the chargeability features of the inversion model with different cut off values, viewed from the top of the model. It displays the overview chargeability feature of the entire survey area.

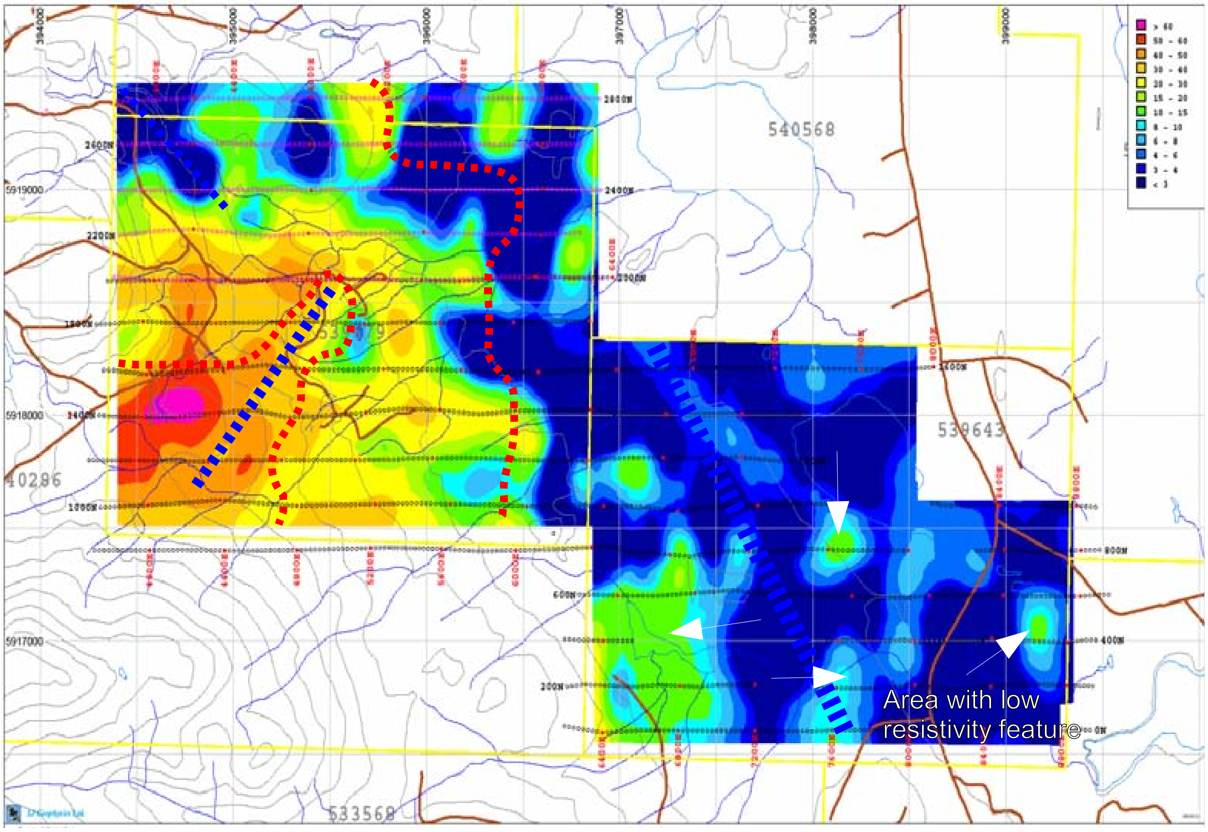


Figure 5: Inverted chargeability false color contour plan map

At depth of 200m below surface. High chargeability values are presented in hot color. Bold dashed lines in light blue show the resistivity lineaments. Bold dashed lines in red outline the high resistivity with value of about 800 Ohm.m. White arrows in the east portion of the grid point to the small chargeability targets.

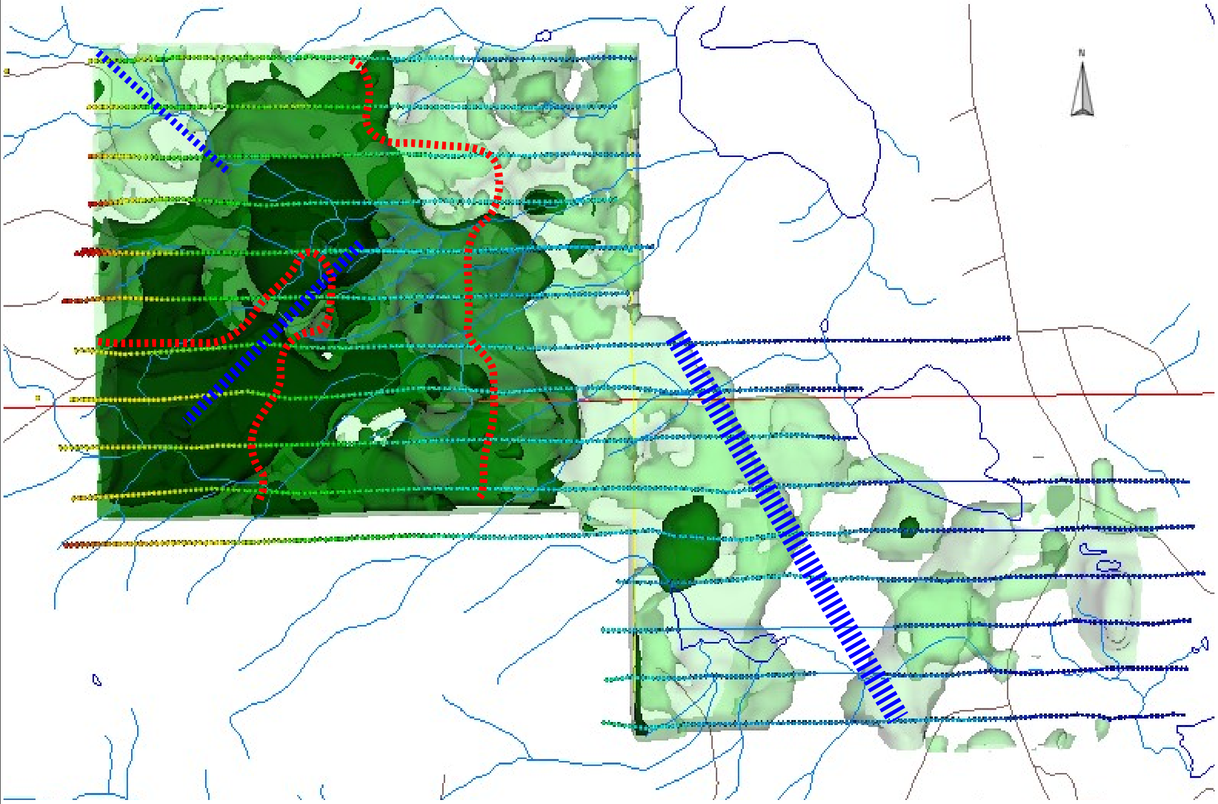


Figure 6: 3D Perspective Plot of Simplified Chargeability Inversion Model

High chargeability features are shown in green, values > 50ms are in dark green, values > 25ms are in green and values > 7ms are in light green. Bold dashed lines in light blue show the resistivity lineaments. Bold dashed lines in red outline the high resistivity with value of about 800 Ohm.m.

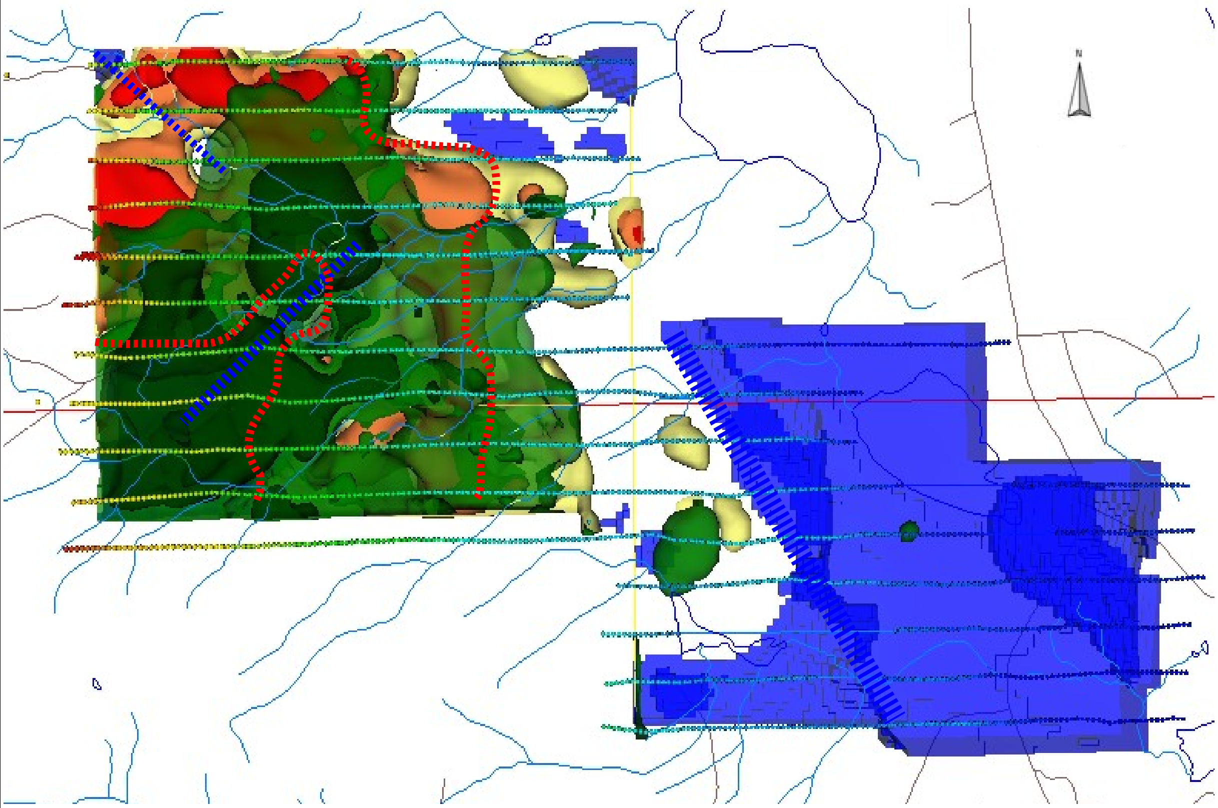


Figure 7: 3D Perspective Plot of Simplified Inversion Model

High chargeability features are shown in green, values > 50ms are in dark green, values > 25ms are in green. Bold dashed lines in light blue show the resistivity lineaments. Bold dashed lines in red outline the high resistivity with value of about 800 Ohm.m.

Figure 7 exhibits both the resistivity and chargeability response. It reveals that part of the high resistivity feature in the west portion of the grid has low chargeability values. This becomes obvious that the north fringe of the high chargeability feature is surrounded by resistive units. Also, the high chargeability feature tends to dip northwards, going underneath the resistivity units. Two cross sections of lines 2400N and 2000N reveal this phenomenon, see Figure 8. The high resistivity feature with low chargeability values might signatures the existence of the intrusive.

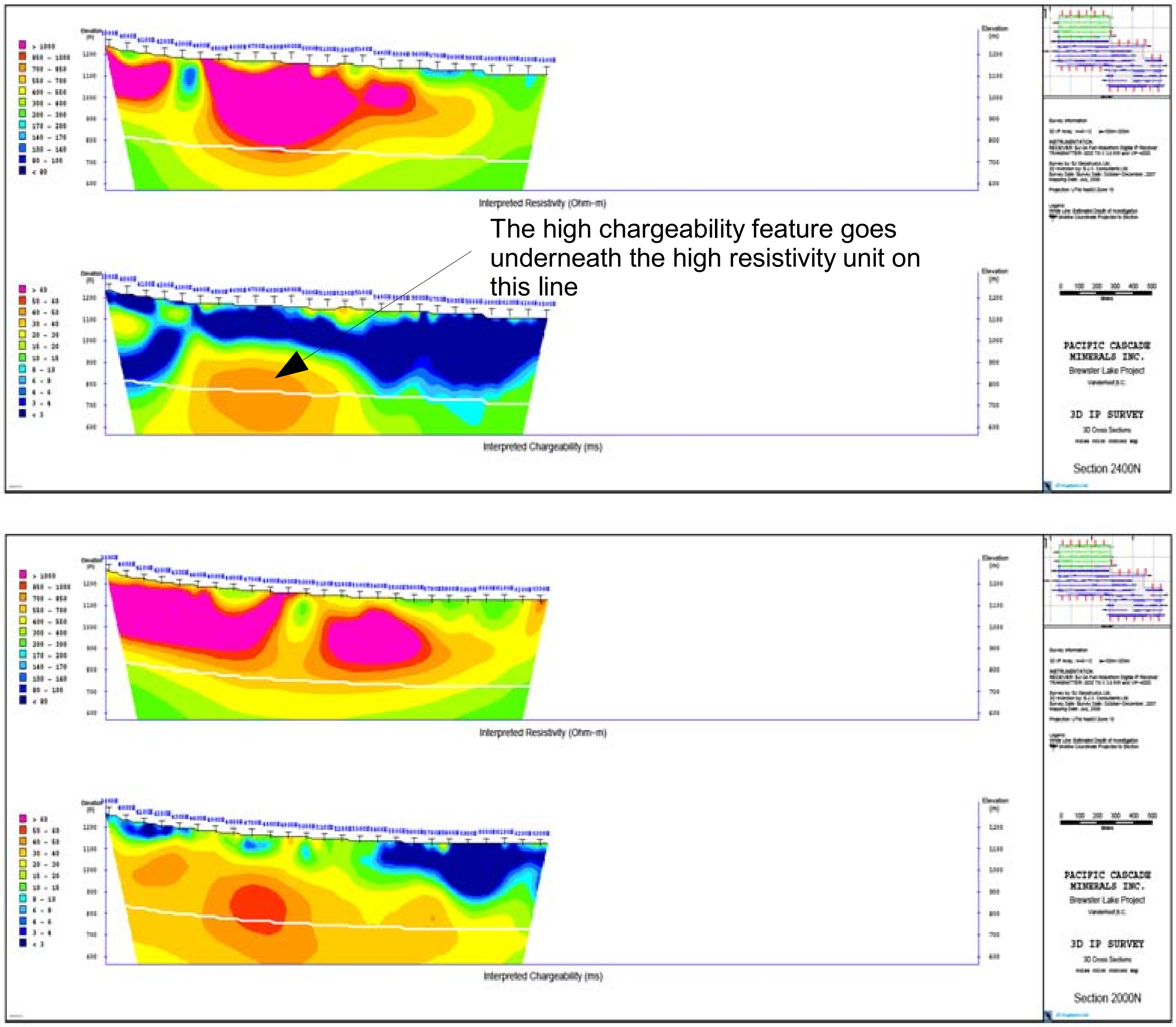


Figure 8: Resistivity and Chargeability Cross Sections of lines 2400N and 2000N

Comparing the location of the high chargeability feature on lines 2400N and 200N, the high chargeability goes deeper towards north.

8. Conclusions and Recommendations

The grid is also situated on the eastern side of a northwest trending range, the Nechako Horst, and on the northern side of a major regional fault, the Top Lake Fault. Low resistivity features are situated in the southwestern and eastern portions of the grid. The chargeability values are high in the western portion of the grid and low in the eastern portion.

The relatively weak chargeability anomalies may be associated with alteration zones in the area. The mineralization on the east portion of the grid may be related to the epithermal alteration deposit with low sulfidation. In the west portion of the grid, the high chargeability with low resistivity in the southwestern corner is likely related to sulfidic graphitic rock. The high chargeability feature dips towards north, going underneath the high resistivity unit in the northwest portion of the grid. The high resistivity low chargeability features that surround the north fringe of the high chargeability response might be related to the center of the intrusive.

More geophysical survey is suggested to the north extension of the west portion of the grid to trace the high resistivity feature and asisst in understanding the formation the high chargeability respose. Also, magnetic survey is recommended to help identify faults/alteration zones or intrusions. A detailed compilation of all geological, geochemical and geophysical data sets should be carried out to provide a full interpretation of the property.

A two phases drilling program is suggested across the area in the outlined area of interest. The purpose of phase one drilling is to assist in geological mapping and determine the relationship of the chargeable material with mineralization, especially the very high chargeability response in the western part of the grid. Phase two drilling is designed to intersect with the mineral sought and assess the distribution the the mineralization.

Respectfully Submitted,

per S.J.V. Consultants Ltd.

Brian Chen, M.Sc. Geophysics

Shawn Rastad, B.Sc., Geophysics

Appendix 1 – Statement of Qualifications

Brian Chen

I, Brian Chen, of the city of Delta, Province of British Columbia, hereby certify that:

1. I graduated from the University of Science and Technology of China in 1989 with a Bachelor of Science degree in geophysics and from South China Sea Inst. Of Oceanology, CAS in 1992 with a Master of Science degree in Mathematical geology.
2. I have been working in geophysics since 1992.
3. I have no interest in Pacific Cascade Minerals Inc. or in any property within the scope of this report, nor do I expect to receive any.

Signed by: ____________________________

Brian Chen, M.Sc. Of Geophysics

Date: ____________________________

Shawn Rastad

I, Shawn Rastad, of the city of Coquitlam, Province of British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 1996 with a Bachelor of Science degree majoring in geophysics.
2. I have been working in mineral and oil exploration since 1997.
3. I have no interest in Pacific Cascade Minerals Inc. or in any property within the scope of this report, nor do I expect to receive any.

Signed by: ___________________________

Shawn Rastad
B.Sc., Geophysics

Date: ___________________________

Appendix 2 – Surveyed Lines Information

Line (N)	Start Station (E)	End Station (E)	Distance (m)
0	6200	8950	2750
200	6200	7200	1000
200	7500	8950	1450
400	6200	6550	350
400	7750	8950	1200
600	6200	8950	2750
800	3700	8000	4300
800	8250	8900	650
1000	3750	7600	3850
1000	8100	8900	800
1200	3750	7500	3750
1400	3750	7500	3750
1600	3750	8000	4250
1800	3750	6400	2650
2000	3750	6400	2650

Total linear meters: 36150 m

Appendix 3 – Instrument Specifications

SJ-24 Full Waveform Digital IP Receiver

Technical:	
Input impedance:	10 Mohm
Input overvoltage protection:	up to 1000V
External memory:	Unlimited readings
Number of dipoles:	4 to 16 +, expandable.
Synchronization:	Software signal post-processing user selectable
Common mode rejection:	More than 100 dB (for Rs =0)
Self potential (Sp):	Range:-5V to + 5V Resolution: 0.1 mV Proprietary intelligent stacking process rejecting strong non-linear SP drifts
Primary voltage:	Range: 1µV – 10V (24bit) Resolution: 1µV Accuracy: typ. <1.0%
Chargeability:	Resolution: 1µV/V Accuracy: typ. <1.0%
General (4 dipole unit):	
Dimensions:	18x16x9 cm
Weight:	1.1 Kg
Battery:	12V External
Operating temperature range:	-20ºC to 40ºC

GDD Tx II IP Transmitter

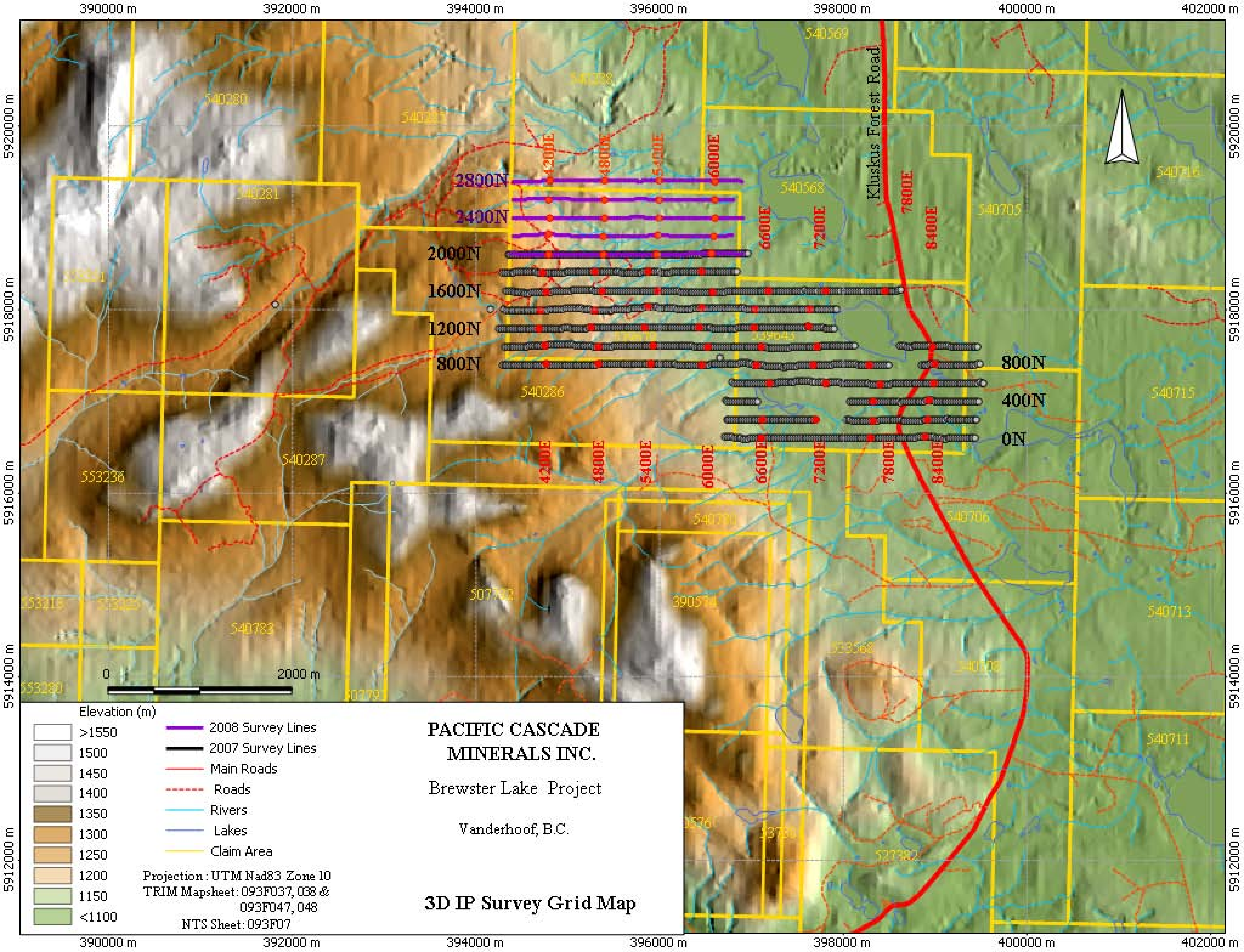
Input voltage:	120V / 60 Hz or 240V / 50Hz (optional)
Output power:	3.6 kW maximum.
Output voltage:	150 to 2200 V
Output current:	5 mA to 10 A
Time domain:	1, 2, 4, 8 second on/off cycle.
Operating temp. range:	-40° to +65° C
Display:	Digital LCD read to 0.001 A
Dimensions (h w d):	34 x 21 x 39 cm
Weight:	20 kg.

IRIS VIP-4000 IP Transmitter

Output power:	4000 VA maximum.
Output voltage:	4000V maximum, auto voltage range selection.

Output current:	20 ma to 5 A, current regulated to better than 1 %.
Dipoles:	9, push button selected
Output connectors:	Uniclip connectors accept bare wire or plug of up to 4 mm diameter
Waveforms:	see figure 4.1
Fall times:	better than 1 ms in resistive load
Time domain:	preprogrammed on and off times from 0.25 to 8 seconds, by factor of 2 Other cycles programmable by user Automatic circuit opening in off time
Frequency domain:	Preprogrammed frequencies from 0.0625 to 4 Hz, by factor of 2 Alternate or simultaneous transmission of two frequencies Other frequencies programmable by user
Time and frequency stability:	0.01 % 1 PPB optional
Display:	Alphanumeric liquid crystal display
Power source:	175 to 270 VAC, 45-450 Hz, single phase
Operating range:	-40 to +50°C
Protection:	Short circuit at 20 Ω, open loop at 60 000 Ω, thermal, input overvoltage and undervoltage
Remote control:	Full duplex RS232C, 300 – 19200 bps
Dimensions (HWD):	410 x 320 x 240 cm
Weight:	16 kg

Appendix 4 – Plan Maps and Section Maps in Page Size



PACIFIC CASCADE MINERALS INC.
Brewster Lake Project
Vanderhoof, B.C.
3D IP Survey Grid Map
Elevation (m)
>1550
1500
1450
1400
1350
1300
1250
1200
1150
<1100
2008 Survey Lines
2007 Survey Lines
Main Roads
Roads
Rivers
Lakes
Claim Area
Projection : UTM Nad83 Zone 10
TRIM Mapsheet: 093F037, 038 & 093F047, 048
NTS Sheet: 093F07
Kluskus Forest Road
2800N
2400N
2000N
1600N
1200N
800N
400N
0N
4200E
4800E
5400E
6000E
6600E
7200E
7800E
8400E
0
2000 m
390000 m
392000 m
394000 m
396000 m
398000 m
400000 m
402000 m
5920000 m
5918000 m
5916000 m
5914000 m
5912000 m
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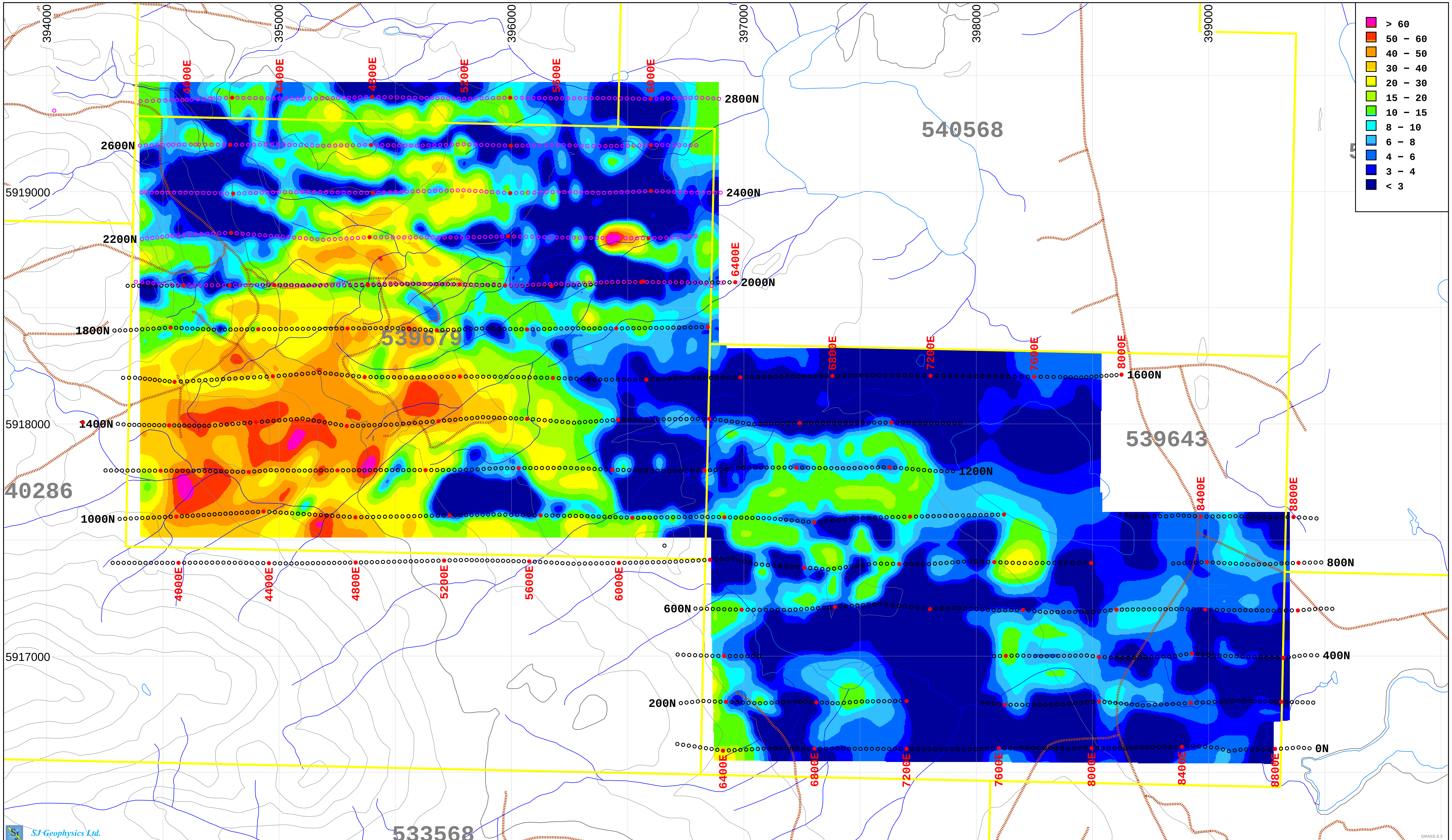


Survey Information

3D IP Array : N=5−12 a=100m−300m

INSTRUMENTATION
RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October−December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Omininca Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800

Meters

3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

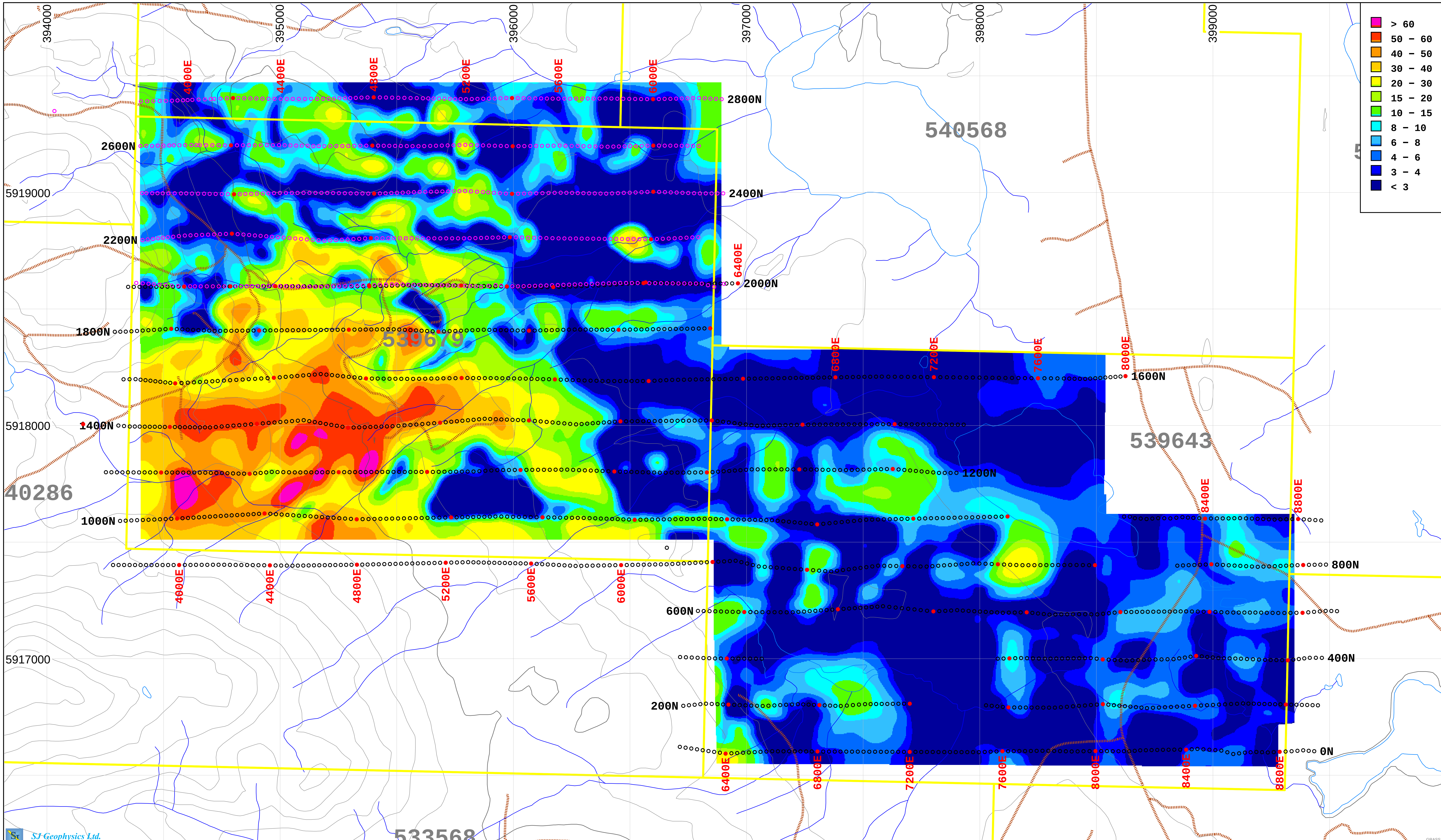
Depth 25m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate C−1 − v2



Survey Information

3D IP Array : N=5–12 a=100m–300m

INSTRUMENTATION
RECEIVER: SJ–24 Full–Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP–4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October–December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Omineca Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

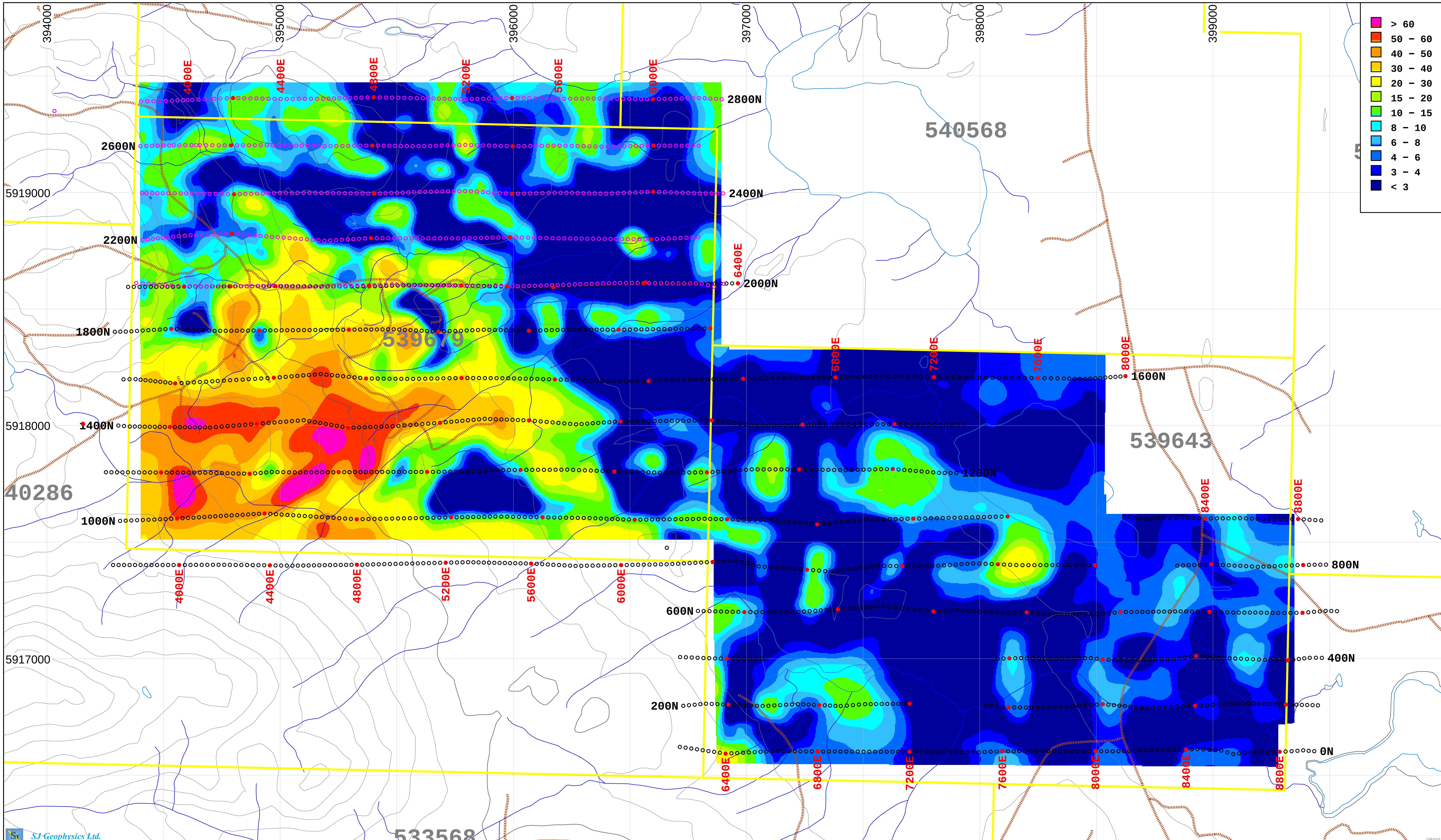
Depth 50m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate C–2 – v2



Survey Information

3D IP Array : N=5−12 a=100m−300m

INSTRUMENTATION
RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October−December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Ominica Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

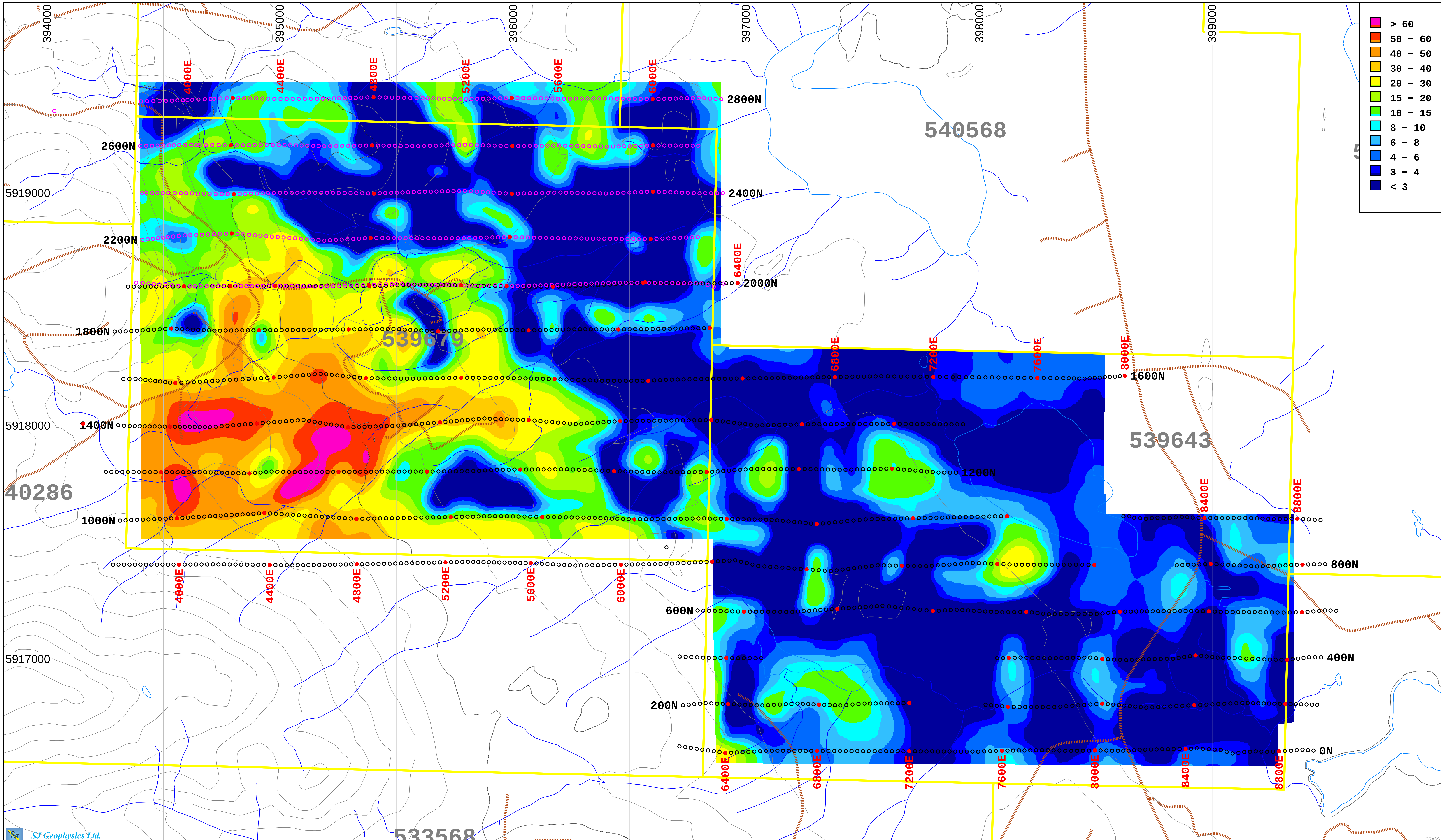
Depth 75m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate C−3 − v2



Survey Information

3D IP Array : N=5–12   a=100m–300m

INSTRUMENTATION
RECEIVER: SJ–24 Full–Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP–4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October–December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Ominica Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

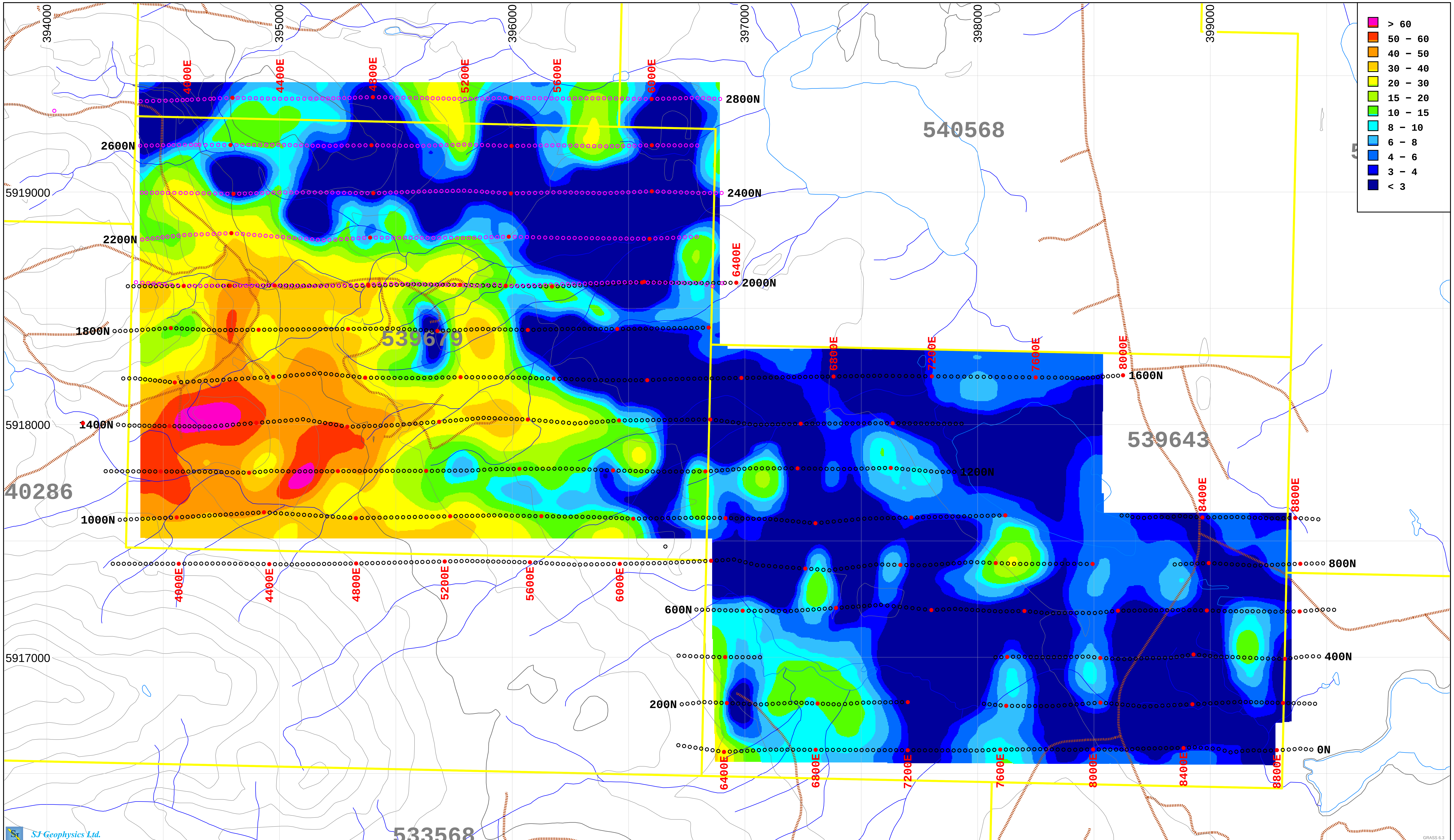
Depth 100m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof, B.C.

Plate C–4 – v2



Survey Information

3D IP Array : N=5-12 a=100m-300m

INSTRUMENTATION
RECEIVER: SJ-24 Full-Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP-4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October-December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Omineca Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

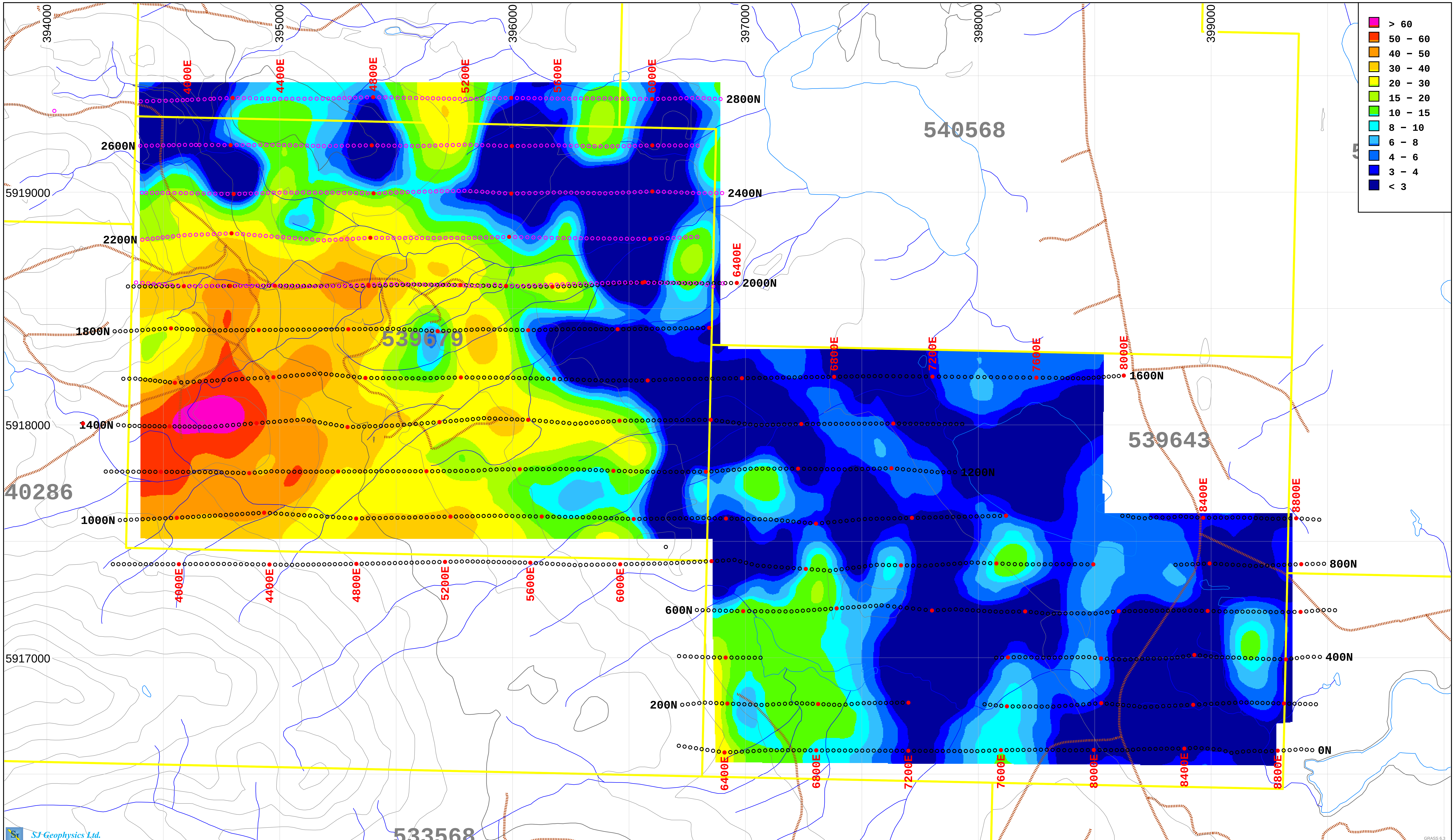
Depth 150m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate C-5 - v2



Survey Information

3D IP Array : N=5-12 a=100m-300m

INSTRUMENTATION
RECEIVER: SJ-24 Full-Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP-4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October-December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Omineca Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800

Meters

3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

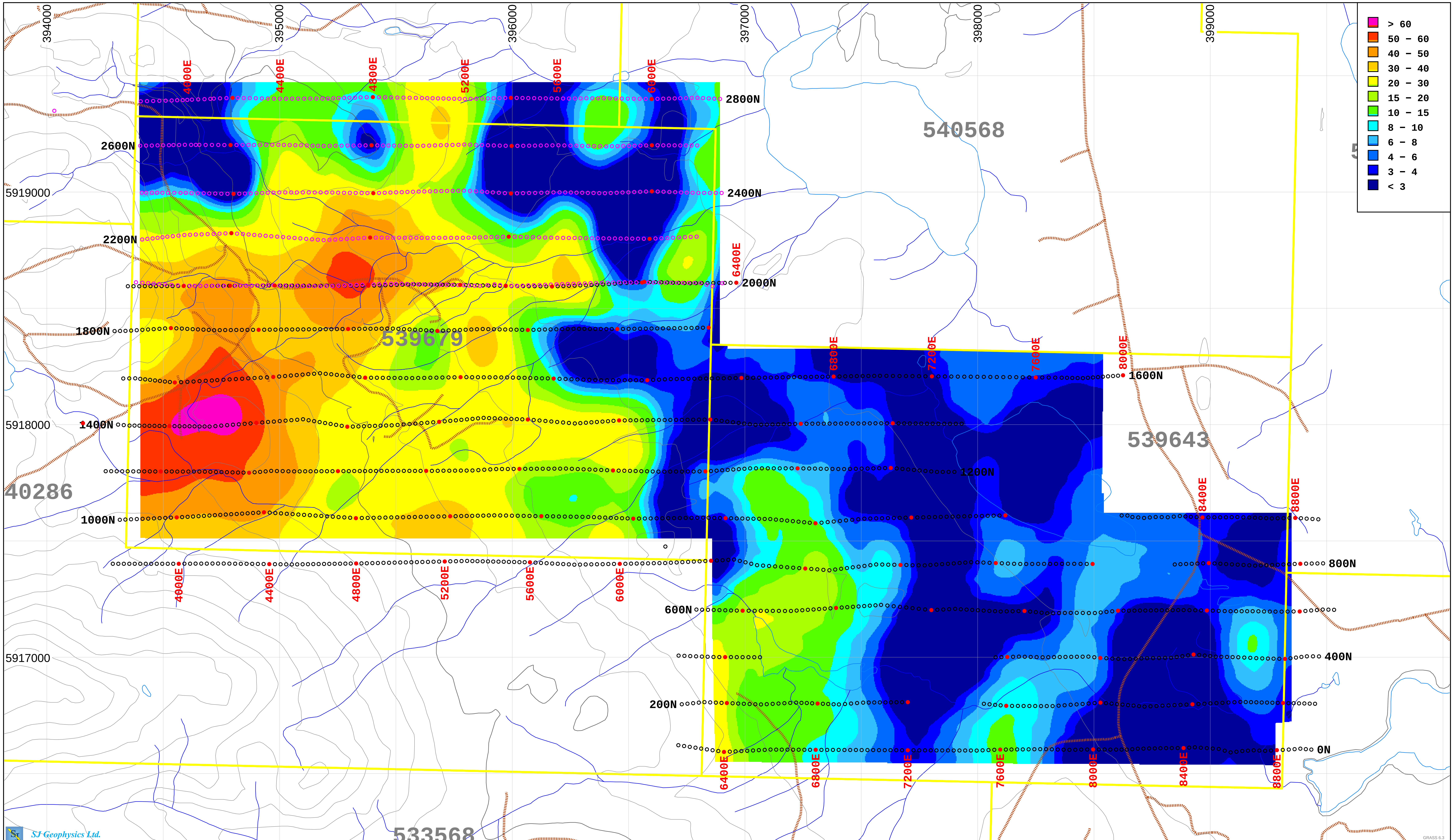
Depth 200m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate C-6 - v2



Survey Information

3D IP Array : N=5-12 a=100m-300m

INSTRUMENTATION
RECEIVER: SJ-24 Full-Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP-4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October-December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Omininca Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

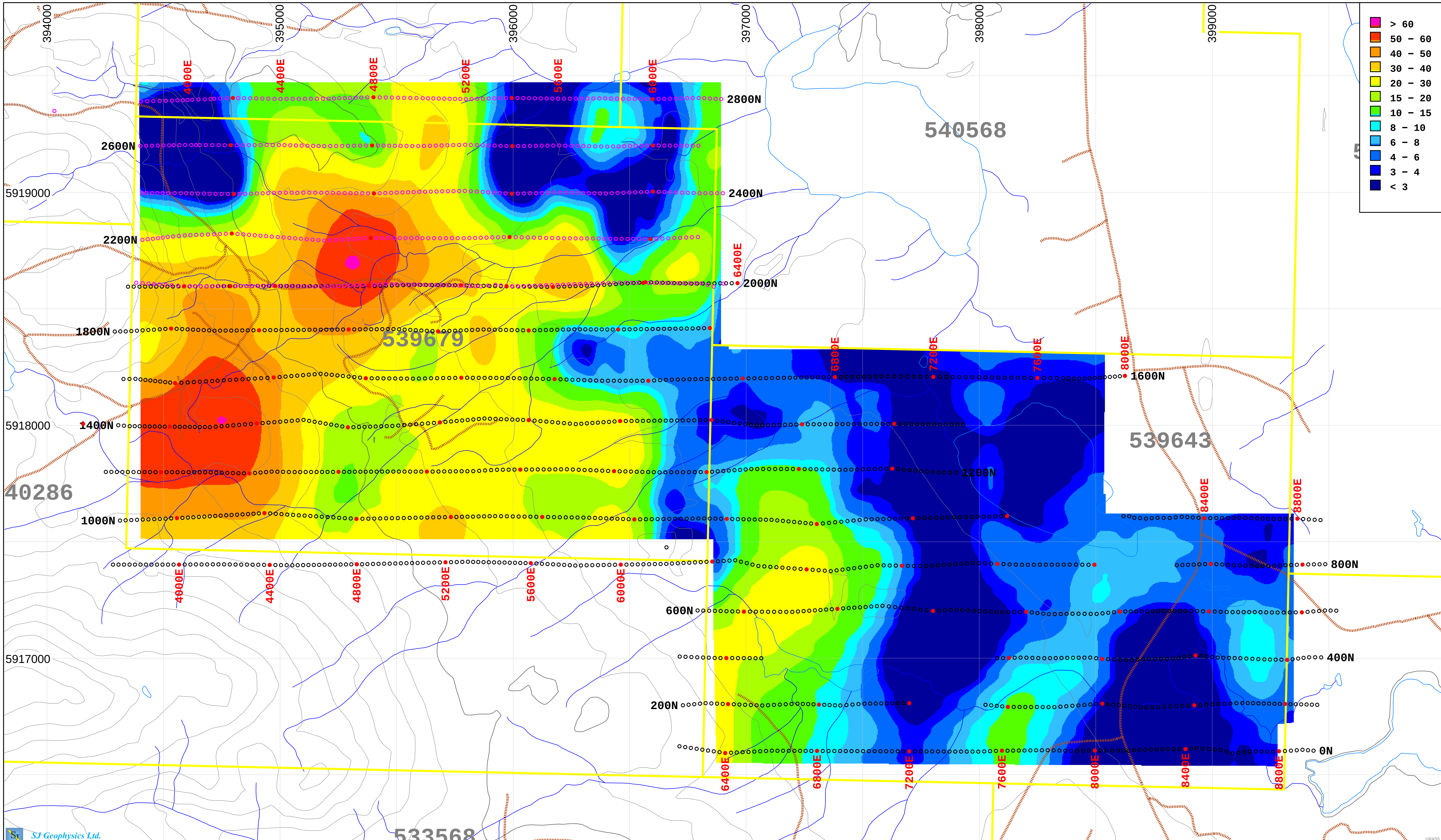
Depth 250m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate C-7 - v2



Survey Information

3D IP Array : N=5-12 a=100m-300m

INSTRUMENTATION
RECEIVER: SJ-24 Full-Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP-4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October-December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Ominica Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800

Meters

3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

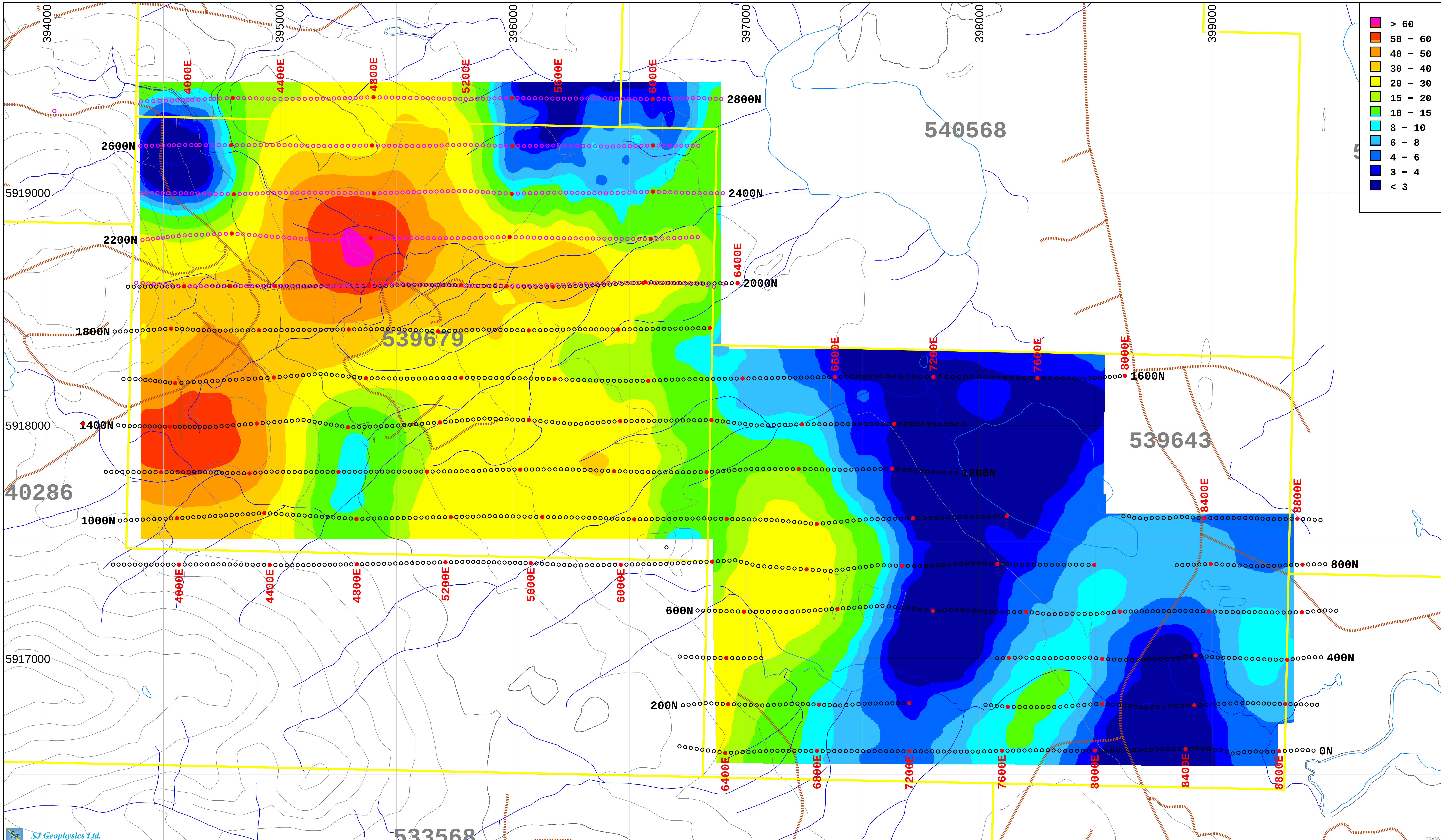
Depth 300m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate C-8 - v2



Survey Information

3D IP Array : N=5–12 a=100m–300m

INSTRUMENTATION
RECEIVER: SJ–24 Full–Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP–4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October–December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Omenica Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

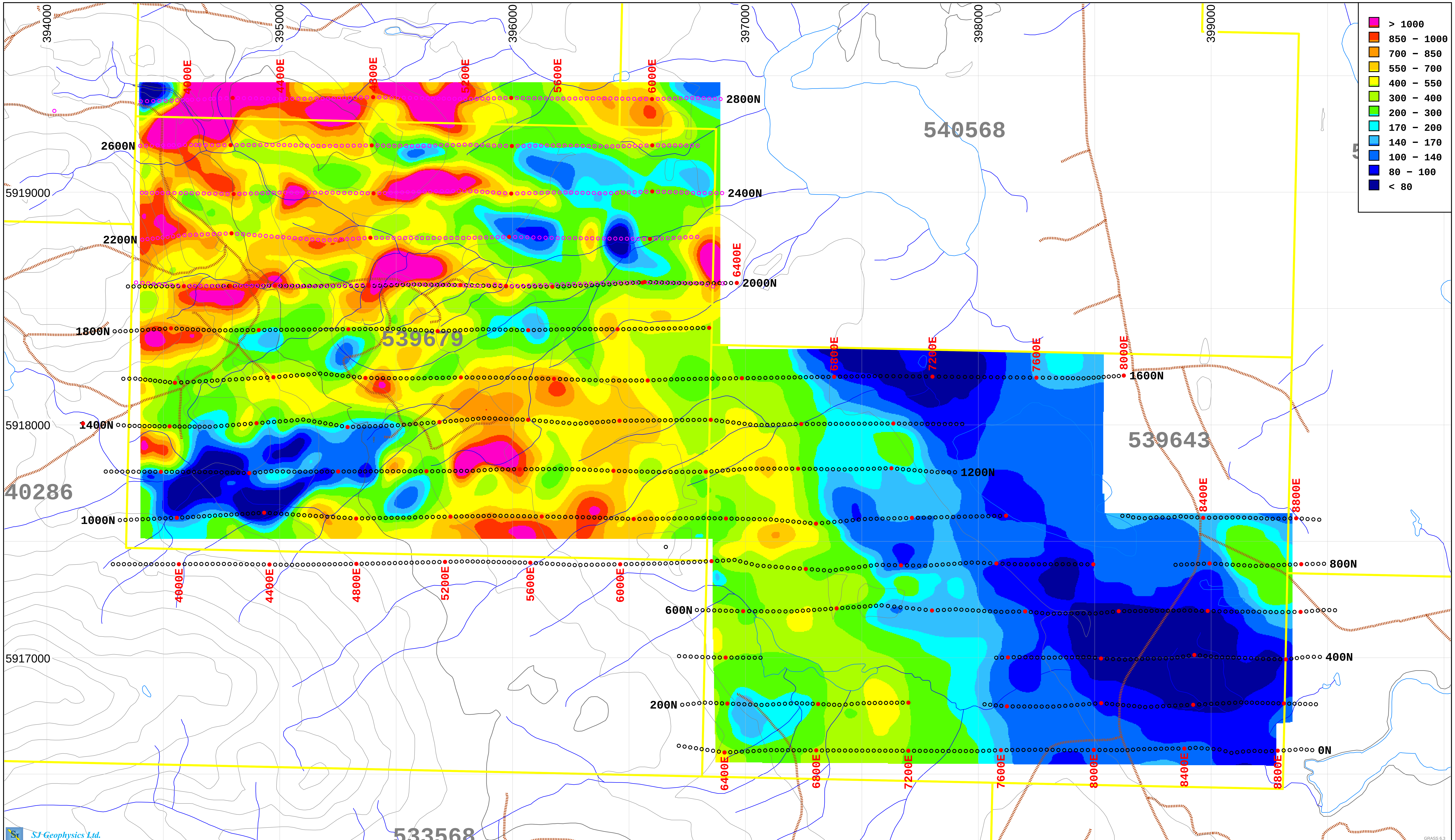
Depth 400m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate C–9 – v2



Survey Information

3D IP Array : N=5–12 a=100m–300m

INSTRUMENTATION
RECEIVER: SJ–24 Full–Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP–4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October–December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Omineca Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Resistivity (Ohm–m)

False Color Contour Map

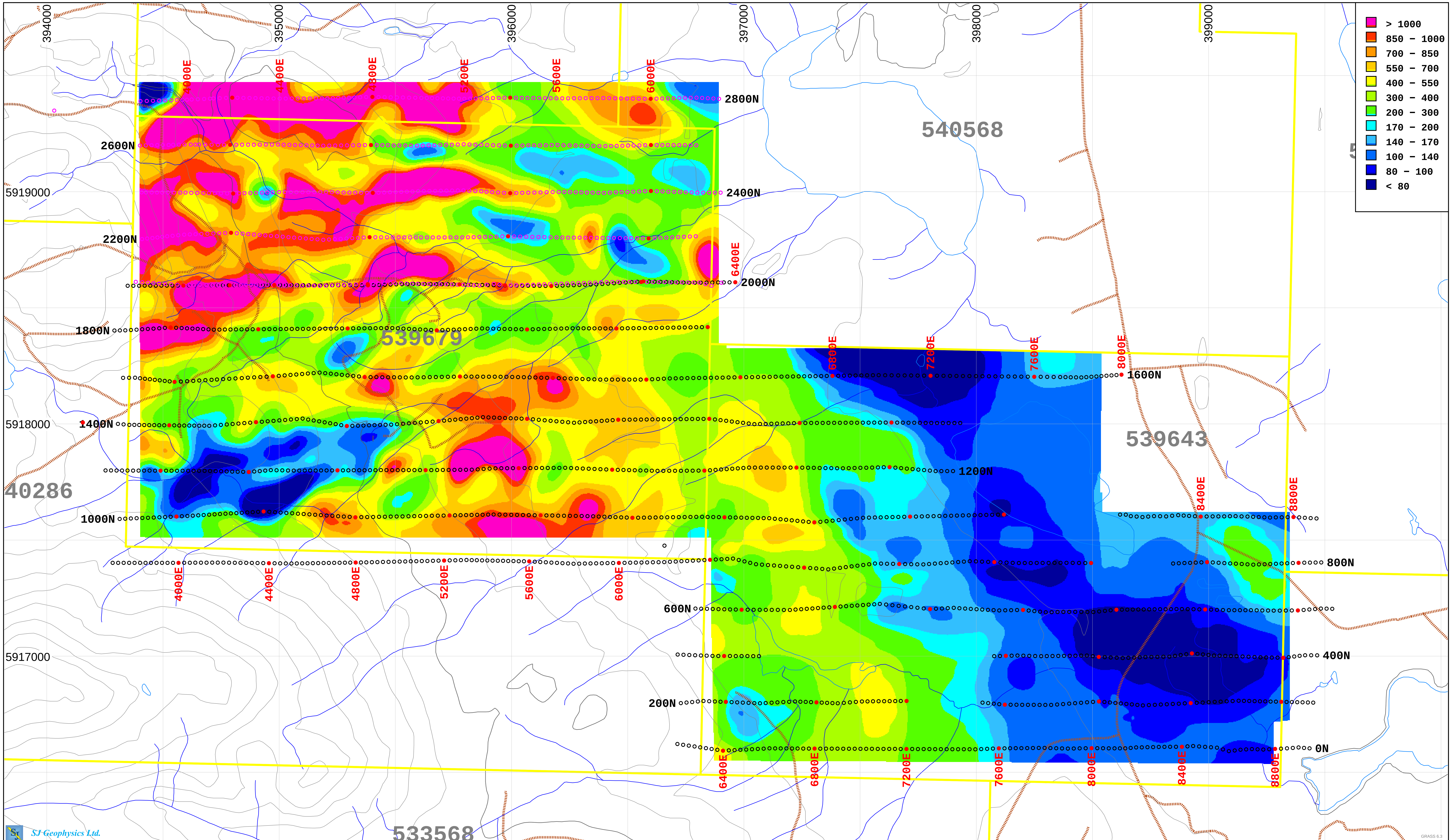
Depth 25m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate R–1 – v2



Survey Information

3D IP Array : N=5–12 a=100m–300m

INSTRUMENTATION
RECEIVER: SJ–24 Full–Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP–4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October–December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Omincia Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Resistivity (Ohm–m)

False Color Contour Map

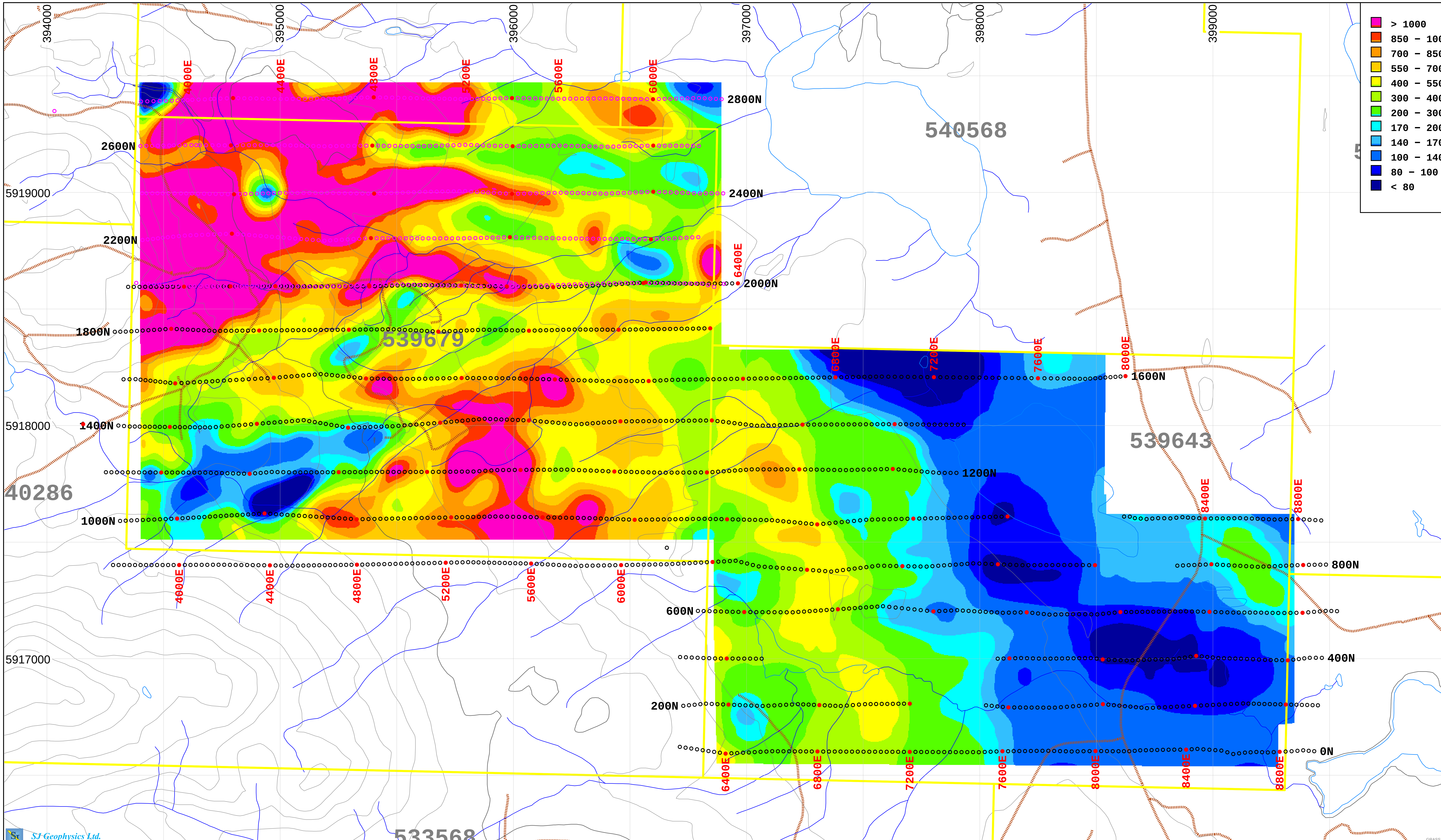
Depth 50m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate R–2 – v2



Survey Information

3D IP Array : N=5−12 a=100m−300m

INSTRUMENTATION
RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October−December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Omincia Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Resistivity (Ohm−m)

False Color Contour Map

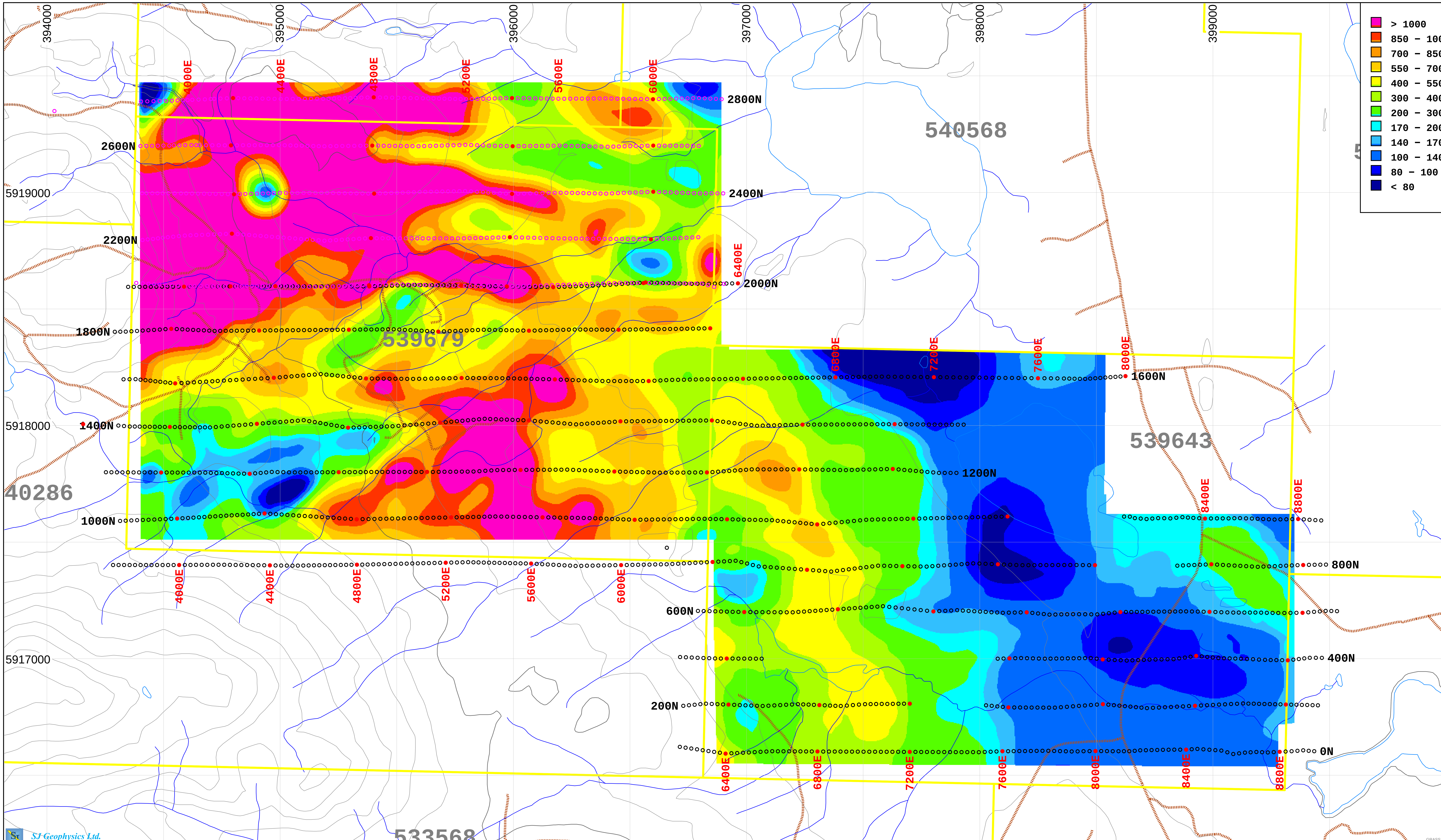
Depth 75m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate R−3 − v2



Survey Information

3D IP Array : N=5−12 a=100m−300m

INSTRUMENTATION
RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October−December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Omineca Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Resistivity (Ohm−m)

False Color Contour Map

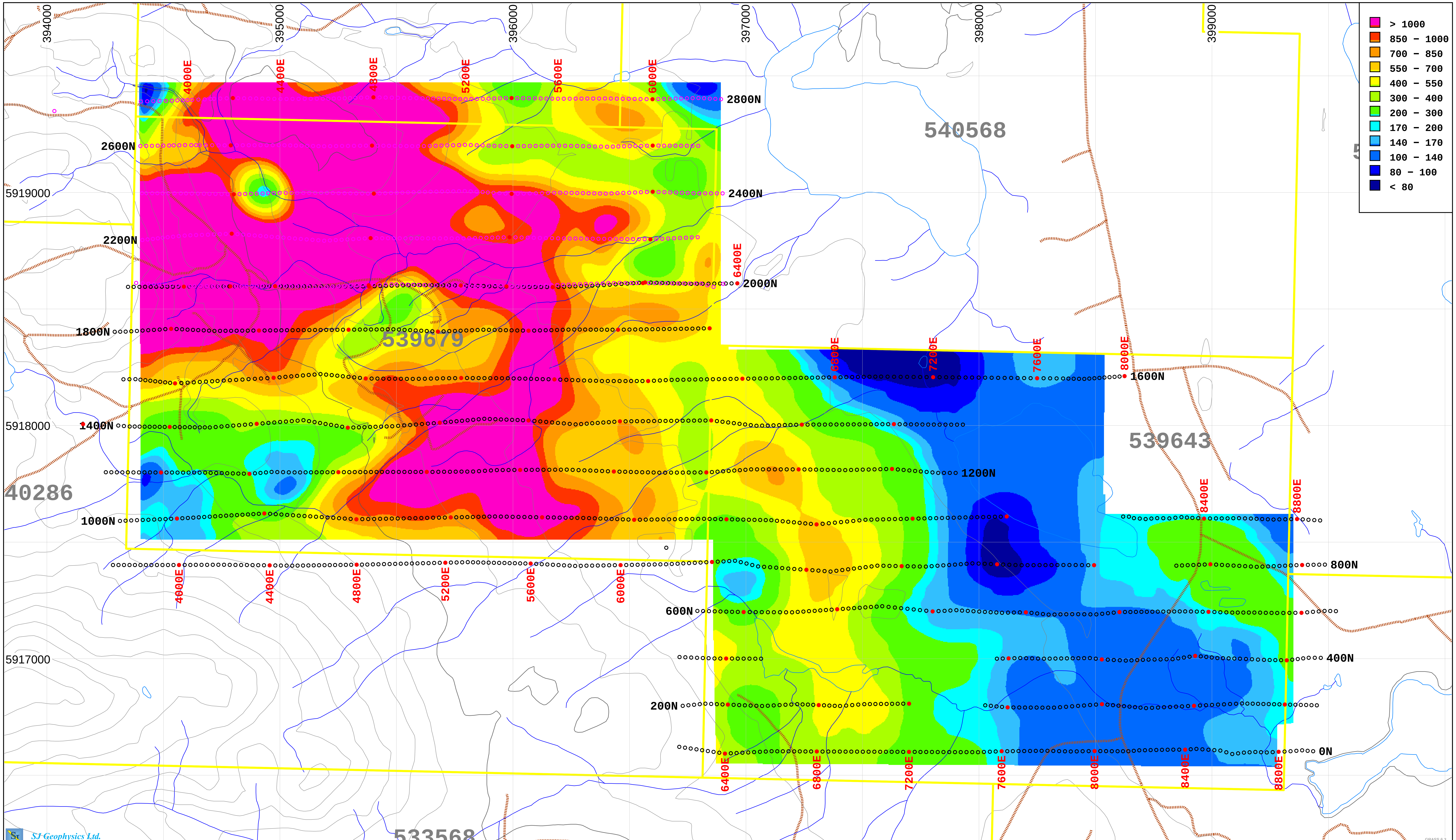
Depth 100m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate R−4 − v2



Survey Information

3D IP Array : N=5−12 a=100m−300m

INSTRUMENTATION
RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October−December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Omineca Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Resistivity (Ohm−m)

False Color Contour Map

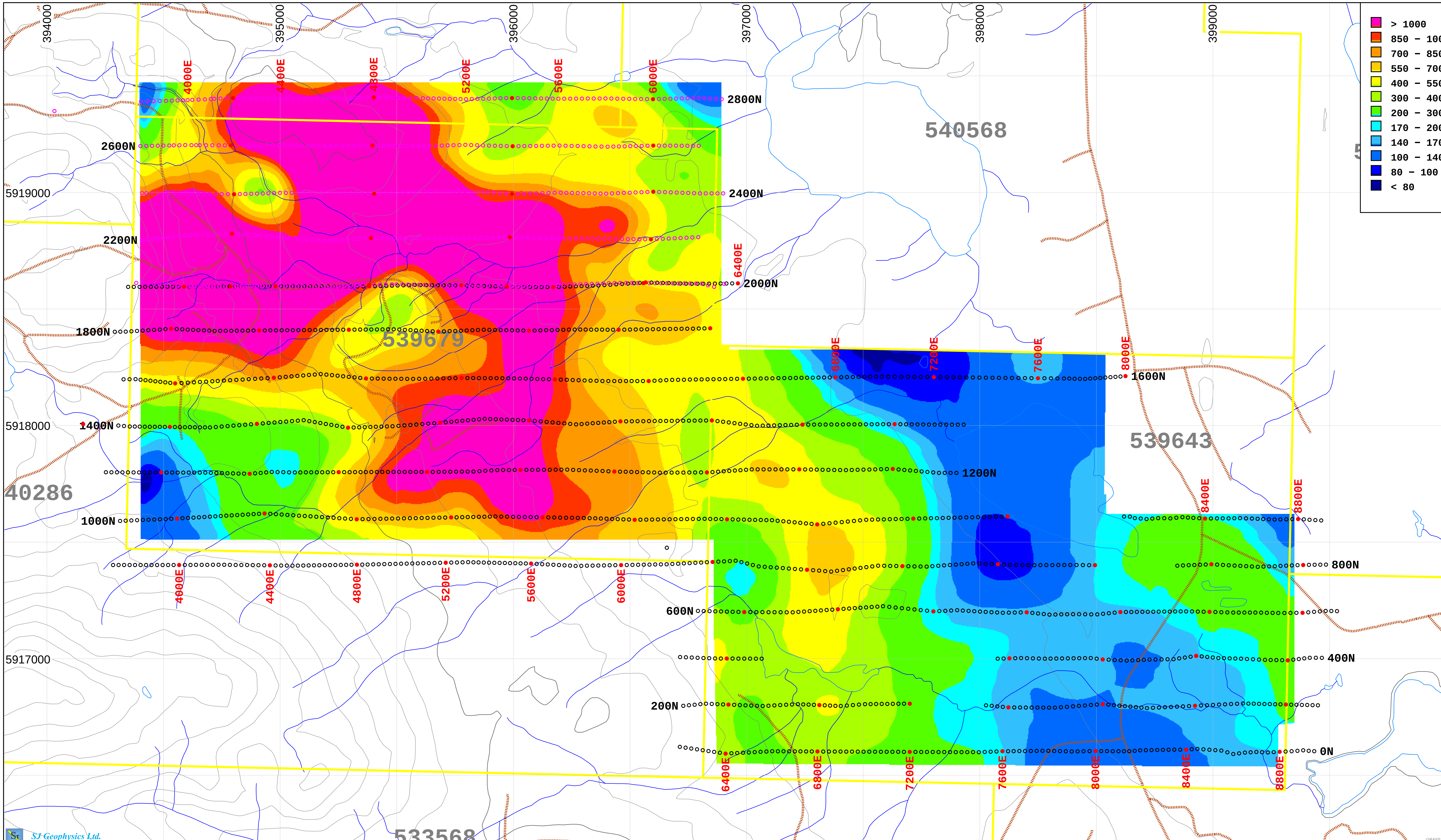
Depth 150m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate R−5 − v2



Survey Information

3D IP Array : N=5−12   a=100m−300m

INSTRUMENTATION
RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October−December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Ominica Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Resistivity (Ohm−m)

False Color Contour Map

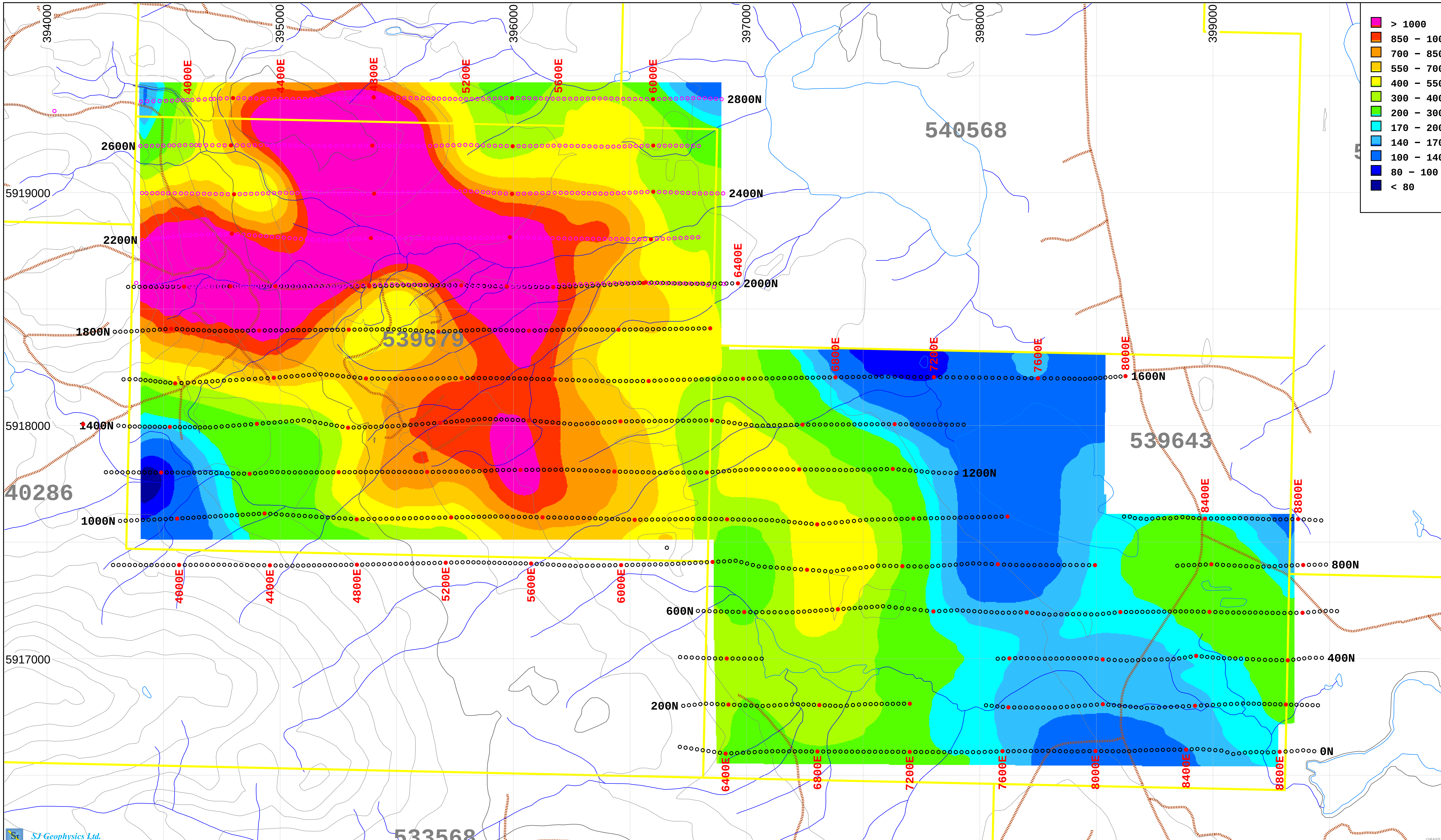
Depth 200m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate R−6 − v2



Survey Information

3D IP Array : N=5-12 a=100m-300m

INSTRUMENTATION
RECEIVER: SJ-24 Full-Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP-4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October-December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Ominica Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
Roads
Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Resistivity (Ohm-m)

False Color Contour Map

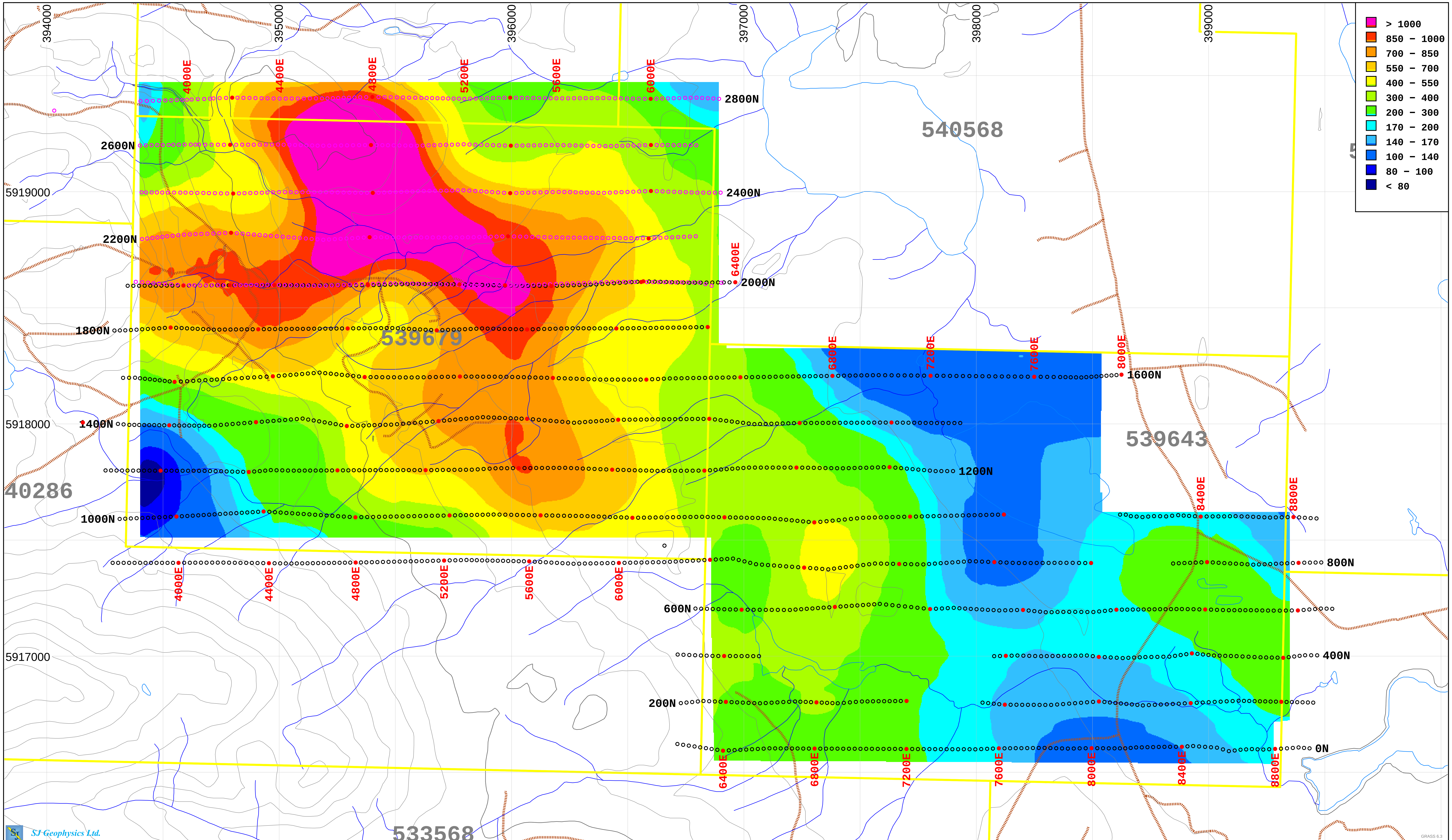
Depth 250m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate R-7 - v2



Survey Information

3D IP Array : N=5–12 a=100m–300m

INSTRUMENTATION
RECEIVER: SJ–24 Full–Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP–4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
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Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Ominica Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
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Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Resistivity (Ohm–m)

False Color Contour Map

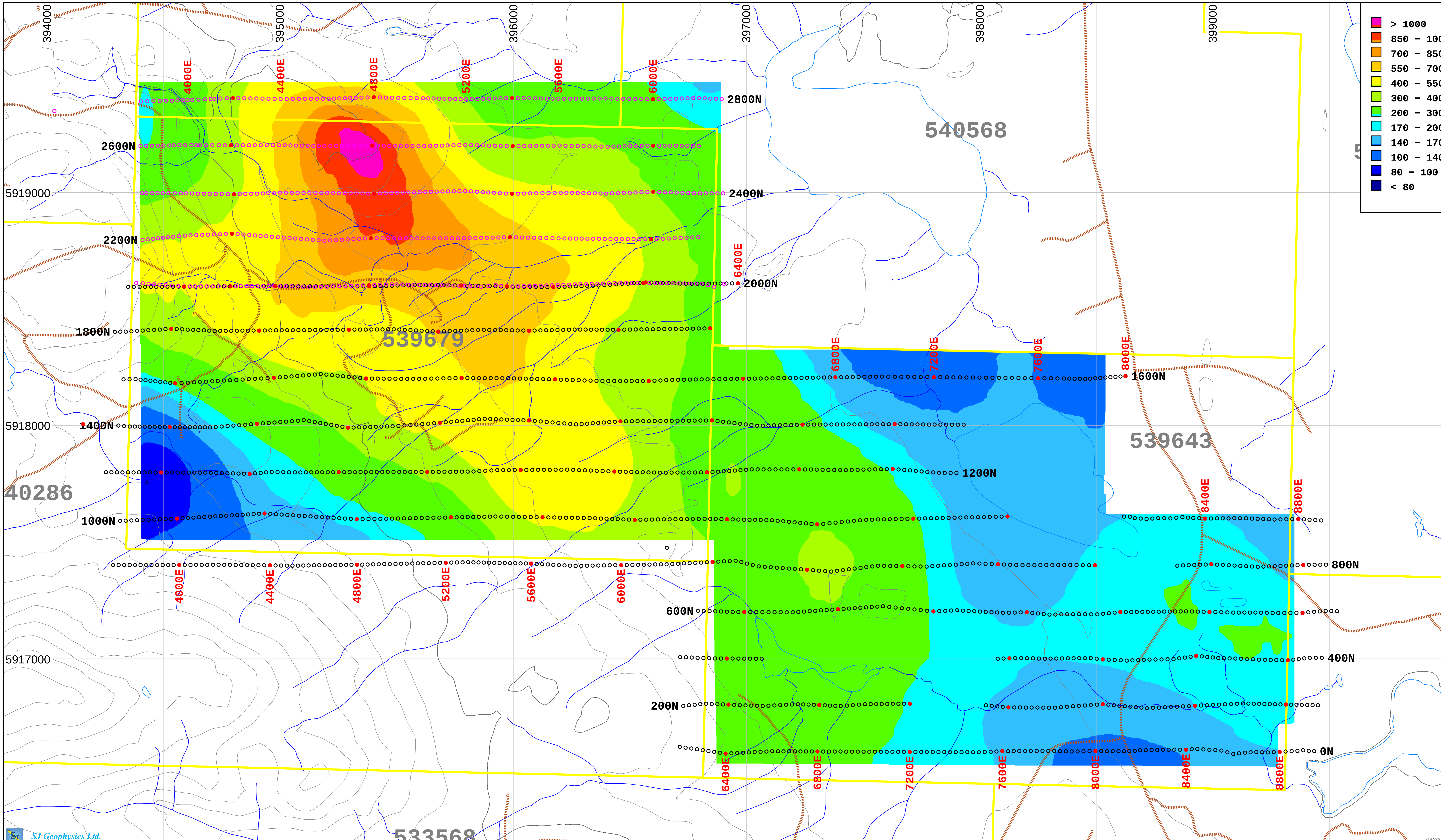
Depth 300m Below Topography

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

Plate R–8 – v2



Survey Information

3D IP Array : N=5-12 a=100m-300m

INSTRUMENTATION
RECEIVER: SJ-24 Full-Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP-4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October-December, 2007
Mapping Date: July, 2008

Base Map: BCGS TRIM Mapsheet 093F037, 038, 047 & 048
NTS Sheet Number: 093F07
Mining Zone: Ominica Mining Division

Claim Areas
2008 Survey Points
2007 Survey Points
Contour Lines (m)
Rivers
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Lakes

Projection: UTM Nad83 Zone 10

N

0 200 400 600 800
Meters

3D Inversion Model

Interpreted Resistivity (Ohm-m)

False Color Contour Map

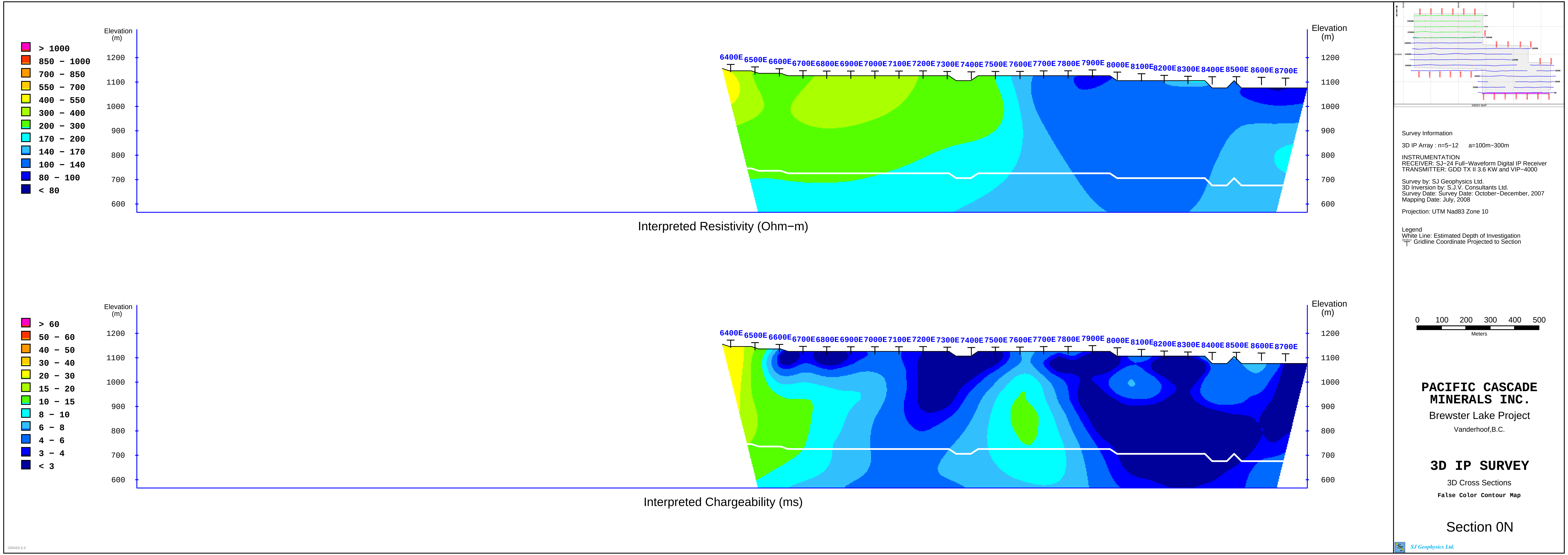
Depth 400m Below Topography

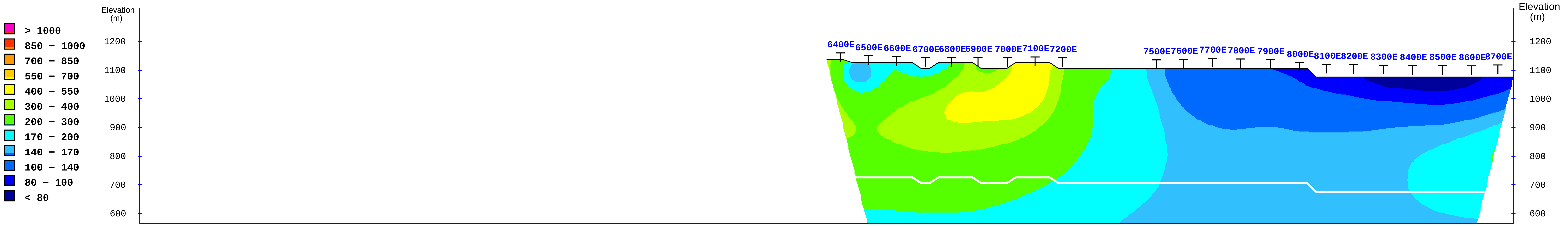
PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

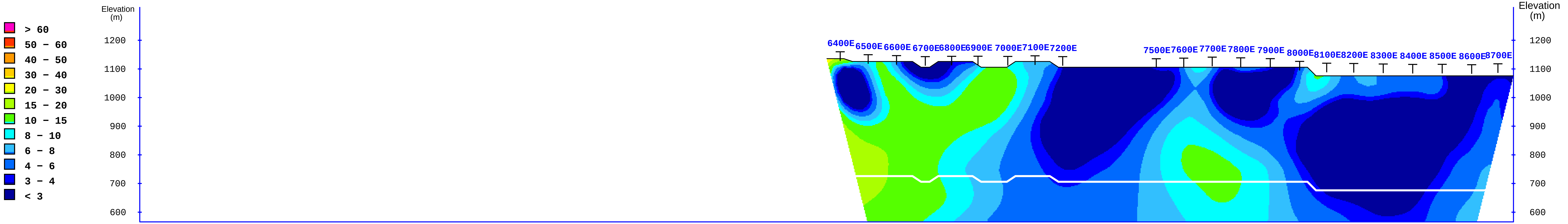
Vanderhoof,B.C.

Plate R-9 - v2


Elevation (m)
> 1000
850 - 1000
700 - 850
550 - 700
400 - 550
300 - 400
200 - 300
170 - 200
140 - 170
100 - 140
80 - 100
< 80
1200
1100
1000
900
800
700
600
6400E 6500E 6600E 6700E 6800E 6900E 7000E 7100E 7200E 7300E 7400E 7500E 7600E 7700E 7800E 7900E 8000E 8100E 8200E 8300E 8400E 8500E 8600E 8700E
Interpreted Resistivity (Ohm−m)
> 60
50 - 60
40 - 50
30 - 40
20 - 30
15 - 20
10 - 15
8 - 10
6 - 8
4 - 6
3 - 4
< 3
Interpreted Chargeability (ms)
INDEX MAP
Survey Information
3D IP Array : n=5−12 a=100m−300m
INSTRUMENTATION
RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October−December, 2007
Mapping Date: July, 2008
Projection: UTM Nad83 Zone 10
Legend
White Line: Estimated Depth of Investigation
Station Gridline Coordinate Projected to Section
0 100 200 300 400 500
Meters
PACIFIC CASCADE MINERALS INC.
Brewster Lake Project
Vanderhoof,B.C.
3D IP SURVEY
3D Cross Sections
False Color Contour Map
Section 0N
SJ Geophysics Ltd.
GRASS 6.3

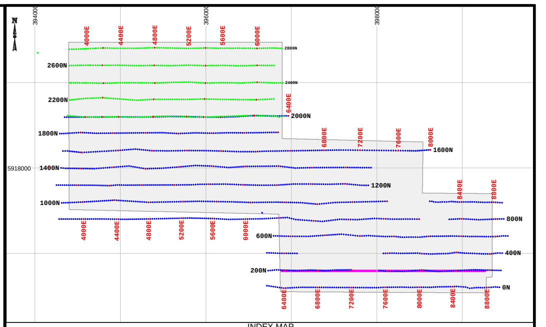


Interpreted Resistivity (Ohm−m)



Interpreted Chargeability (ms)

GRASS 6.3



INDEX MAP

Survey Information

3D IP Array : n=5−12 a=100m−300m

INSTRUMENTATION
RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October−December, 2007
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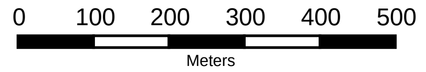
Projection: UTM Nad83 Zone 10

Legend
White Line: Estimated Depth of Investigation
Station Gridline Coordinate Projected to Section



PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

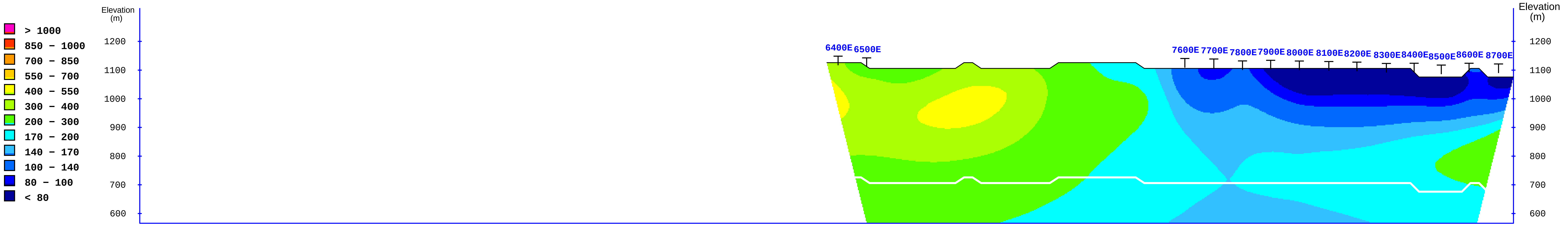
3D IP SURVEY

3D Cross Sections

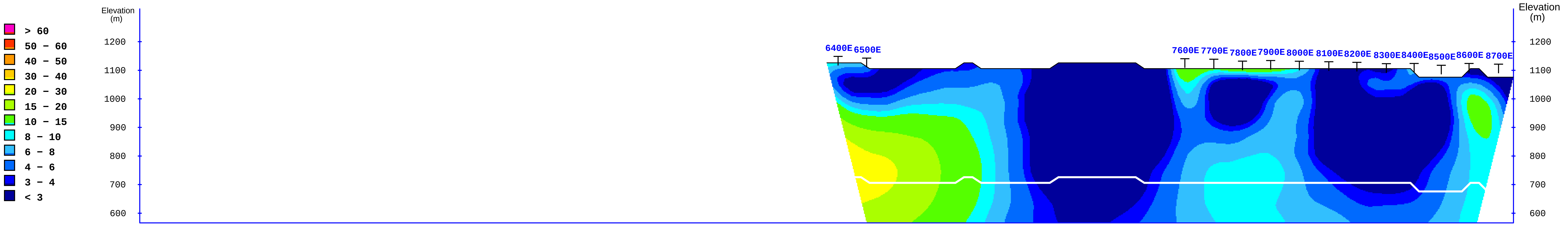
False Color Contour Map

Section 200N

SJ Geophysics Ltd.

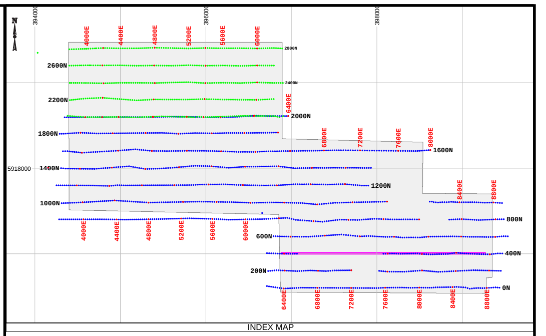


Interpreted Resistivity (Ohm−m)



Interpreted Chargeability (ms)

GRASS 6.3



Survey Information

3D IP Array : n=5−12 a=100m−300m

INSTRUMENTATION
RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October−December, 2007
Mapping Date: July, 2008

Projection: UTM Nad83 Zone 10

Legend
White Line: Estimated Depth of Investigation
Gridline Coordinate Projected to Section

0 100 200 300 400 500
Meters

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

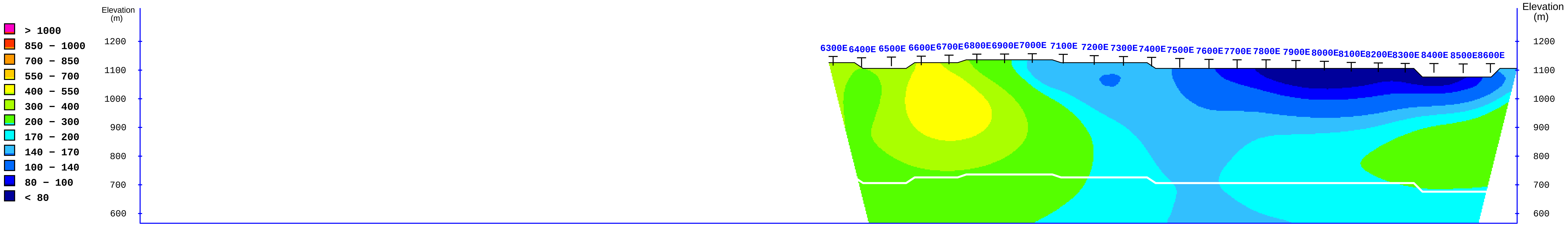
3D IP SURVEY

3D Cross Sections

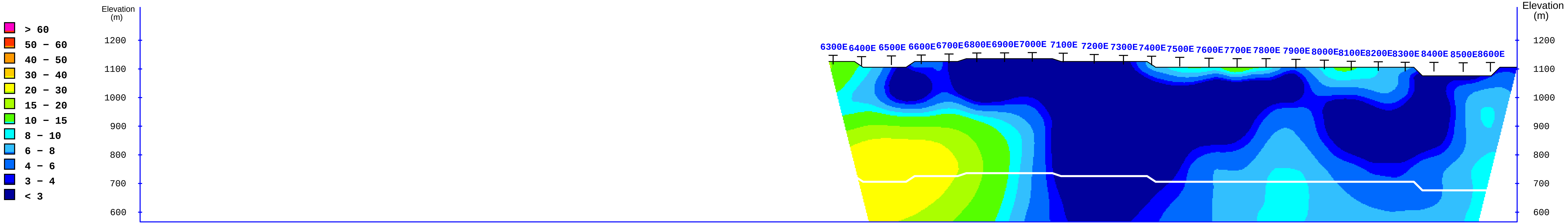
False Color Contour Map

Section 400N

SJ Geophysics Ltd.



Interpreted Resistivity (Ohm−m)



Interpreted Chargeability (ms)

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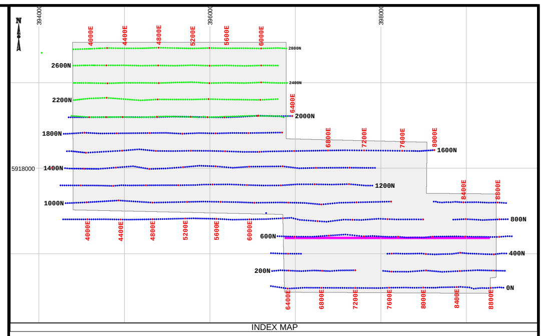

Survey Information

3D IP Array : n=5−12 a=100m−300m

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RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

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Projection: UTM Nad83 Zone 10

Legend
White Line: Estimated Depth of Investigation
Gridline Coordinate Projected to Section

0 100 200 300 400 500
Meters

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

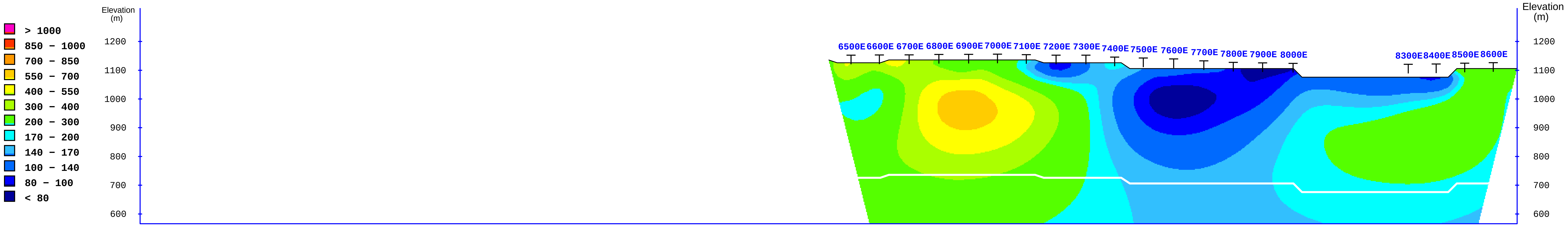
3D IP SURVEY

3D Cross Sections

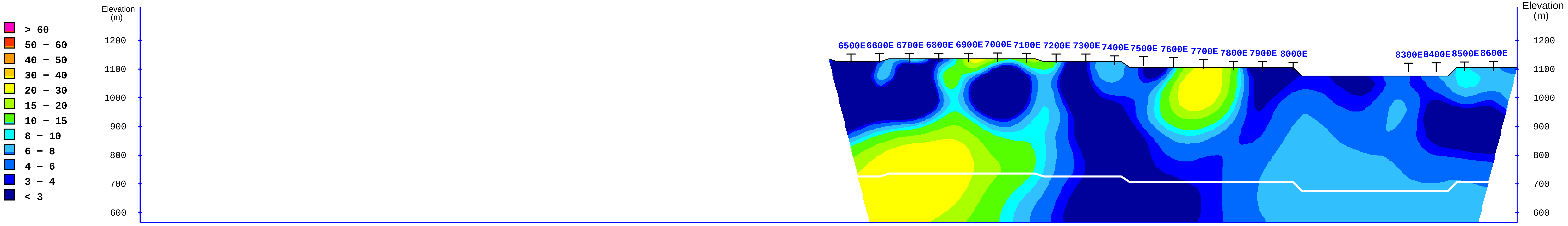
False Color Contour Map

Section 600N

SJ Geophysics Ltd.



Interpreted Resistivity (Ohm−m)



Interpreted Chargeability (ms)

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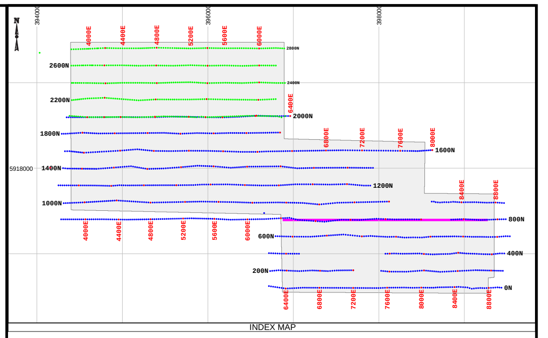

Survey Information

3D IP Array : n=5−12 a=100m−300m

INSTRUMENTATION
RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

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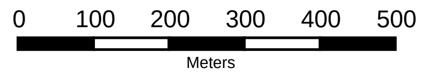
Projection: UTM Nad83 Zone 10

Legend
White Line: Estimated Depth of Investigation
Station Gridline Coordinate Projected to Section



PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

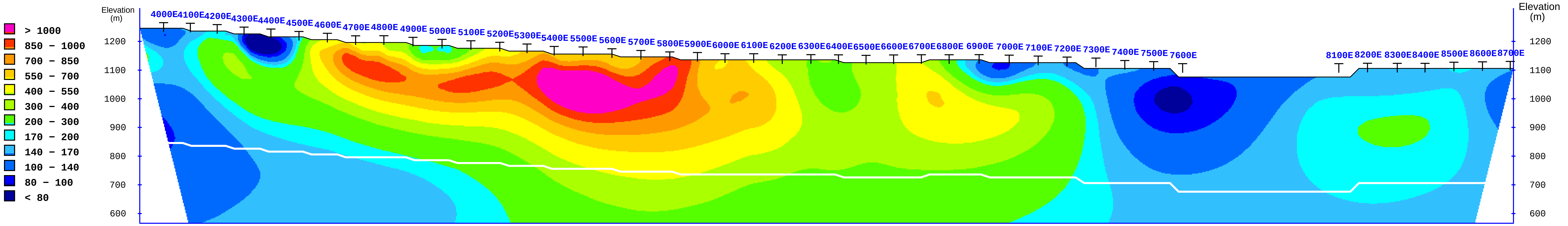
3D IP SURVEY

3D Cross Sections

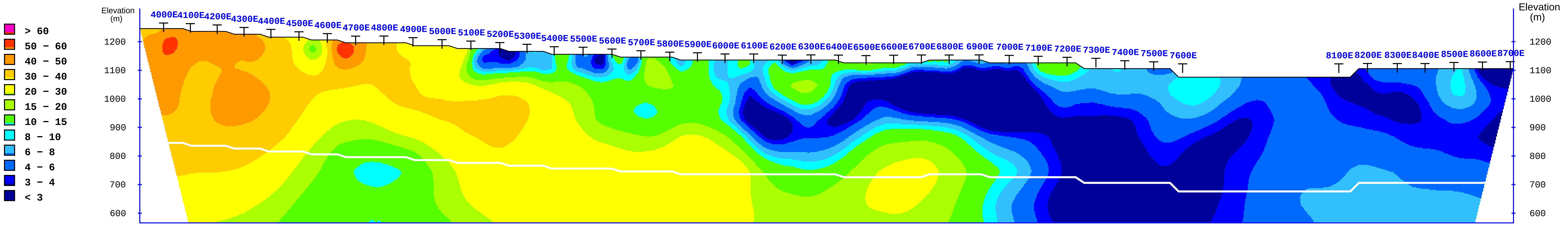
False Color Contour Map

Section 800N

SJ Geophysics Ltd.

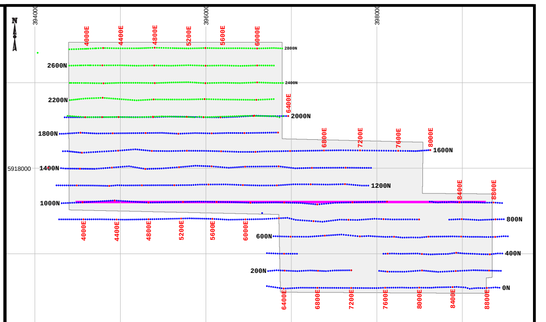


Interpreted Resistivity (Ohm−m)



Interpreted Chargeability (ms)

GRASS 6.3



INDEX MAP

Survey Information

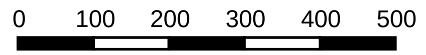
3D IP Array : n=5−12   a=100m−300m

INSTRUMENTATION
RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October−December, 2007
Mapping Date: July, 2008

Projection: UTM Nad83 Zone 10

Legend
White Line: Estimated Depth of Investigation
Station Gridline Coordinate Projected to Section



PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

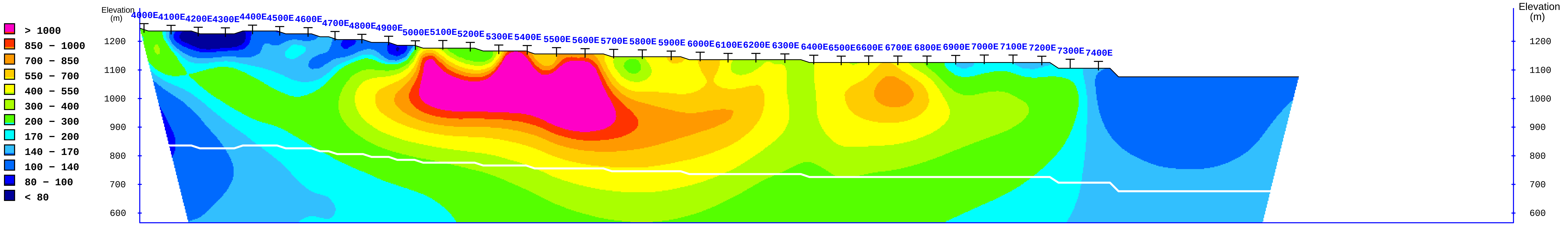
3D IP SURVEY

3D Cross Sections

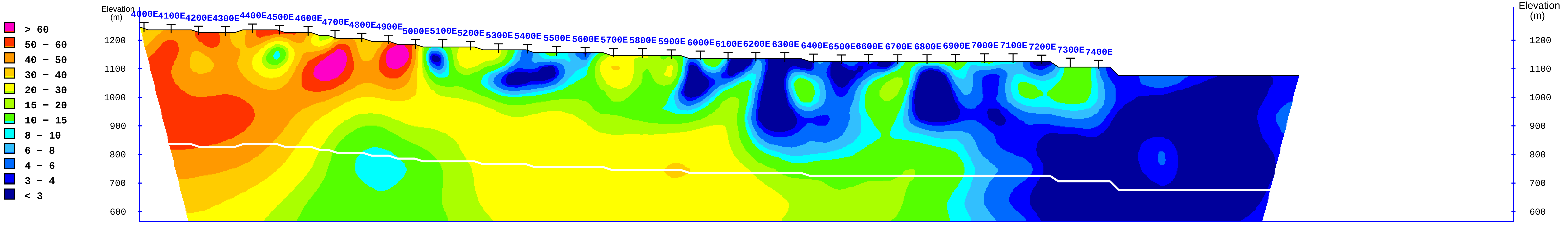
False Color Contour Map

Section 1000N

SJ Geophysics Ltd.

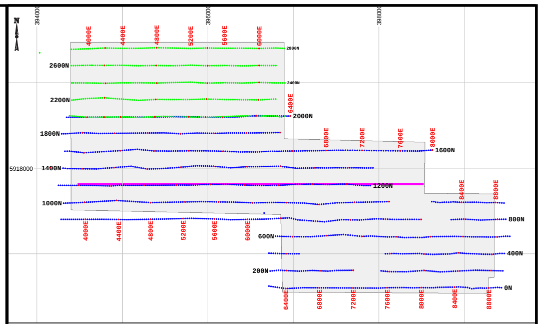


Interpreted Resistivity (Ohm−m)



Interpreted Chargeability (ms)

GRASS 6.3



INDEX MAP

Survey Information

3D IP Array : n=5−12   a=100m−300m

INSTRUMENTATION
RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October−December, 2007
Mapping Date: July, 2008

Projection: UTM Nad83 Zone 10

Legend
White Line: Estimated Depth of Investigation
Station Gridline Coordinate Projected to Section

0 100 200 300 400 500
Meters

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

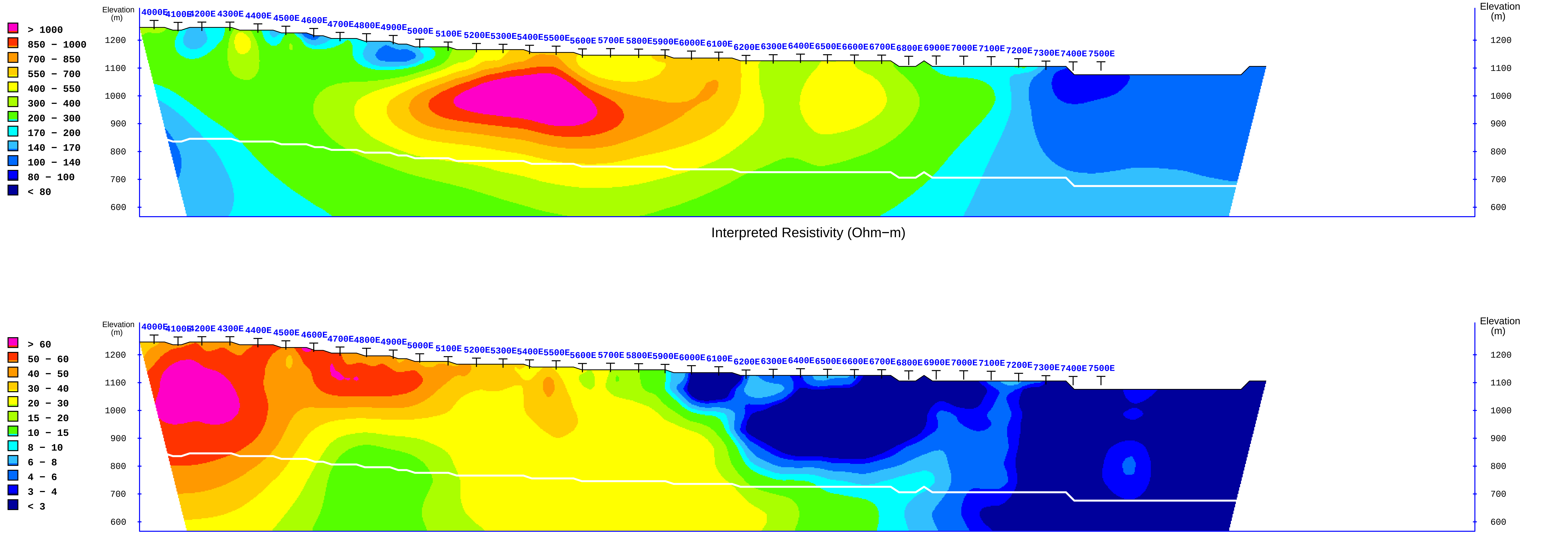
3D IP SURVEY

3D Cross Sections

False Color Contour Map

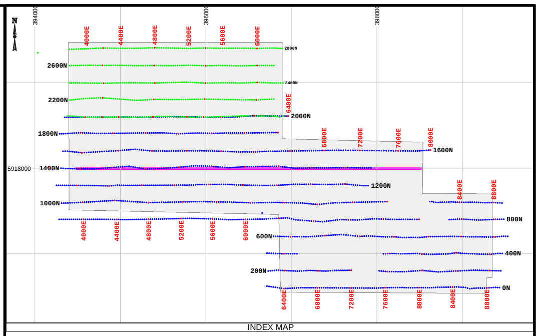
Section 1200N

SJ Geophysics Ltd.



Interpreted Resistivity (Ohm−m)

Interpreted Chargeability (ms)



Survey Information

3D IP Array : n=5−12 a=100m−300m

INSTRUMENTATION
RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October−December, 2007
Mapping Date: July, 2008

Projection: UTM Nad83 Zone 10

Legend
White Line: Estimated Depth of Investigation
Gridline Coordinate Projected to Section

0 100 200 300 400 500
Meters

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

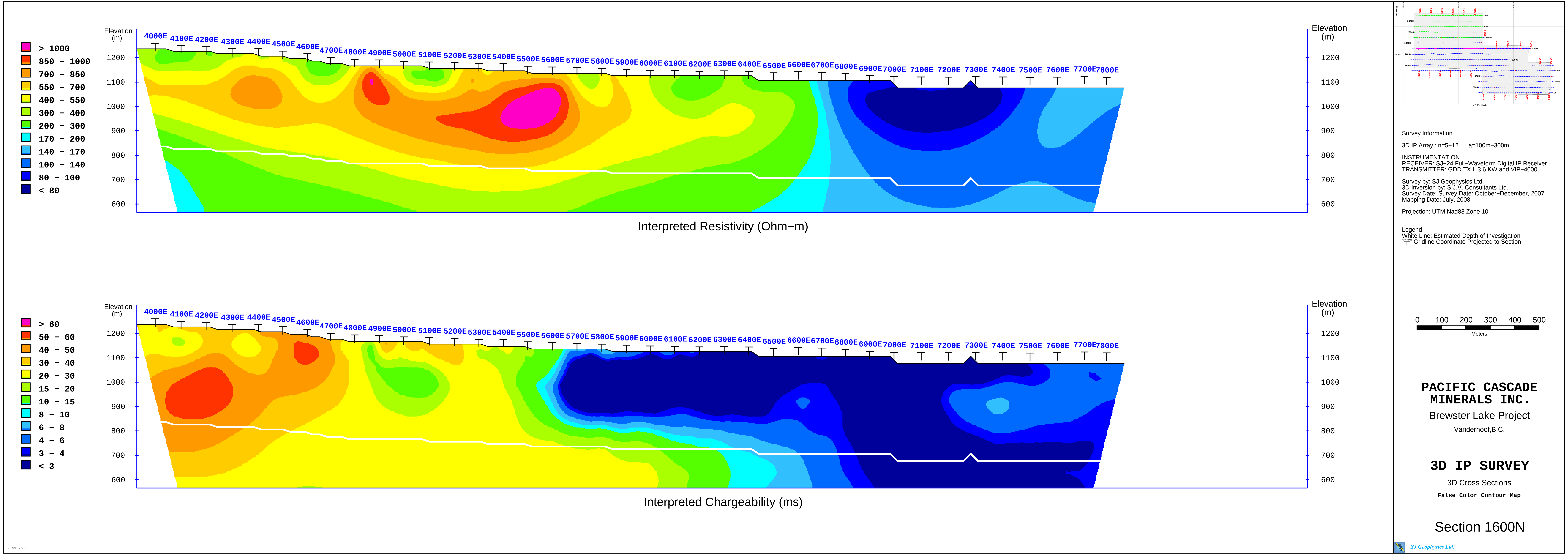
3D IP SURVEY

3D Cross Sections

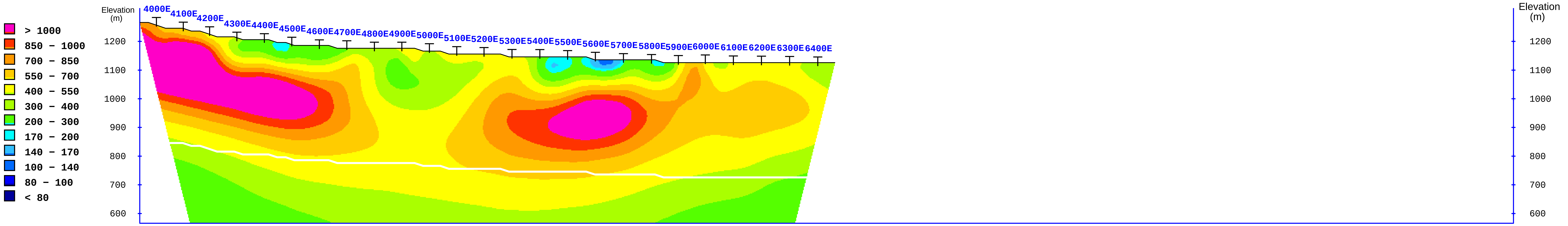
False Color Contour Map

Section 1400N

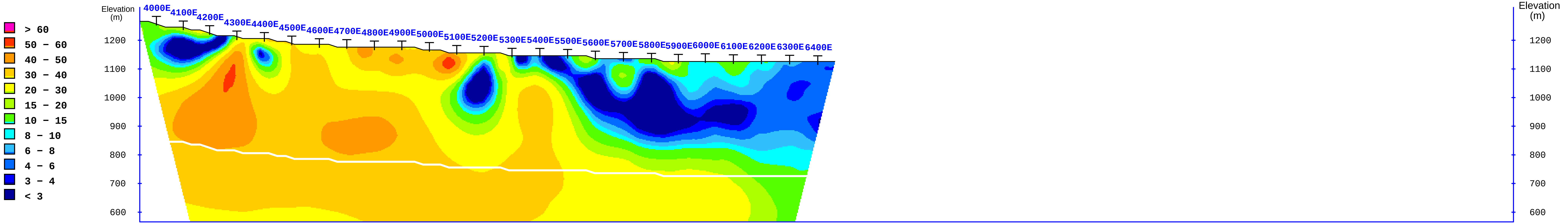
SJ Geophysics Ltd.



Elevation (m)
4000E 4100E 4200E 4300E 4400E 4500E 4600E 4700E 4800E 4900E 5000E 5100E 5200E 5300E 5400E 5500E 5600E 5700E 5800E 5900E 6000E 6100E 6200E 6300E 6400E 6500E 6600E 6700E 6800E 6900E 7000E 7100E 7200E 7300E 7400E 7500E 7600E 7700E 7800E
1200 1100 1000 900 800 700 600
> 1000
850 – 1000
700 – 850
550 – 700
400 – 550
300 – 400
200 – 300
170 – 200
140 – 170
100 – 140
80 – 100
< 80
Interpreted Resistivity (Ohm–m)
> 60
50 – 60
40 – 50
30 – 40
20 – 30
15 – 20
10 – 15
8 – 10
6 – 8
4 – 6
3 – 4
< 3
Interpreted Chargeability (ms)
Survey Information
3D IP Array : n=5–12 a=100m–300m
INSTRUMENTATION
RECEIVER: SJ–24 Full–Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP–4000
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October–December, 2007
Mapping Date: July, 2008
Projection: UTM Nad83 Zone 10
Legend
White Line: Estimated Depth of Investigation
Gridline Coordinate Projected to Section
0 100 200 300 400 500
Meters
PACIFIC CASCADE MINERALS INC.
Brewster Lake Project
Vanderhoof,B.C.
3D IP SURVEY
3D Cross Sections
False Color Contour Map
Section 1600N
SJ Geophysics Ltd.

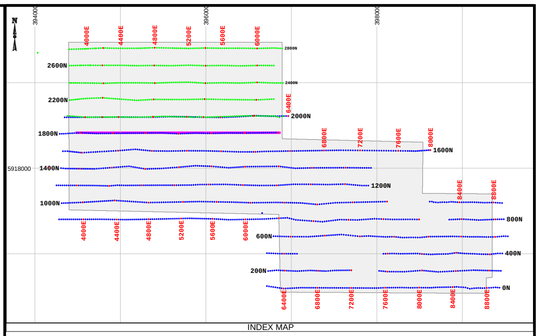


Interpreted Resistivity (Ohm−m)



Interpreted Chargeability (ms)

GRASS 6.3



Survey Information

3D IP Array : n=5−12 a=100m−300m

INSTRUMENTATION
RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
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Projection: UTM Nad83 Zone 10

Legend
White Line: Estimated Depth of Investigation
Gridline Coordinate Projected to Section

0 100 200 300 400 500
Meters

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

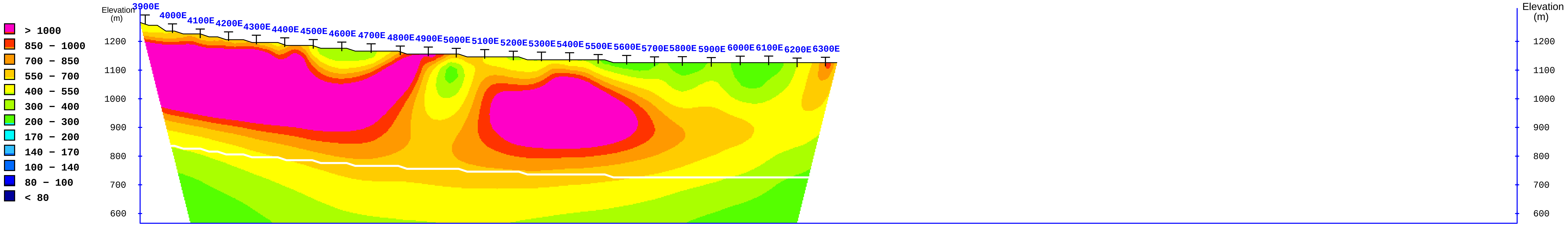
3D IP SURVEY

3D Cross Sections

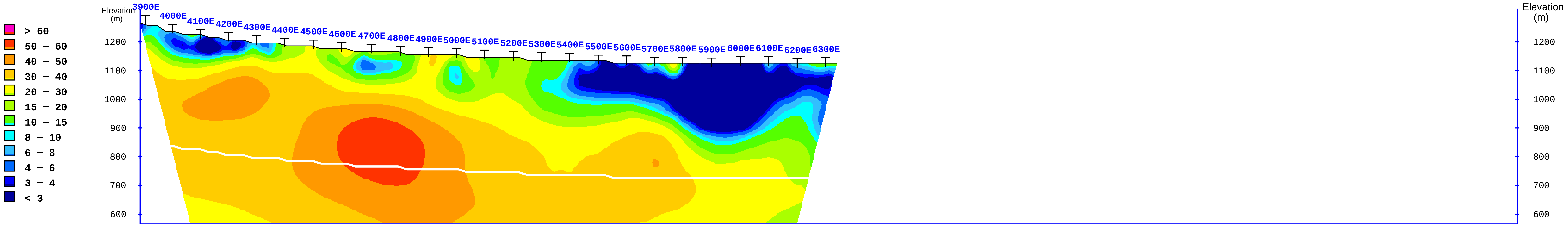
False Color Contour Map

Section 1800N

SJ Geophysics Ltd.



Interpreted Resistivity (Ohm−m)



Interpreted Chargeability (ms)

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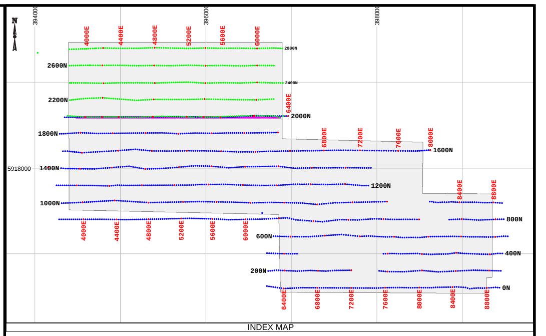

Survey Information

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Legend
White Line: Estimated Depth of Investigation
Station Gridline Coordinate Projected to Section

0 100 200 300 400 500
Meters

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

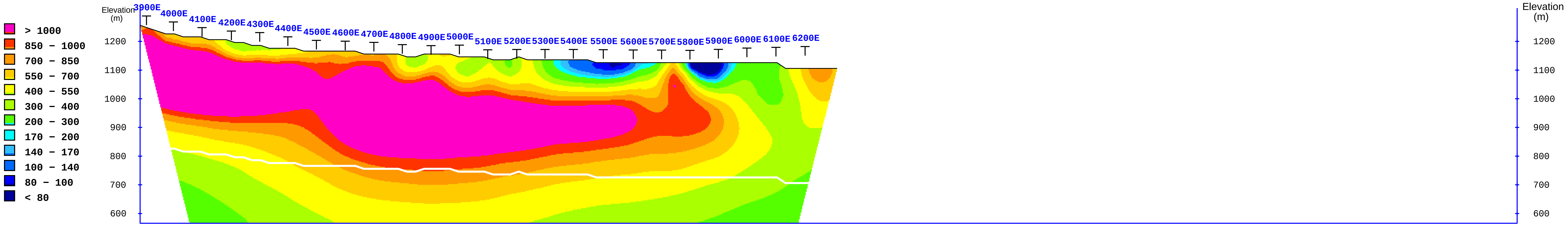
3D IP SURVEY

3D Cross Sections

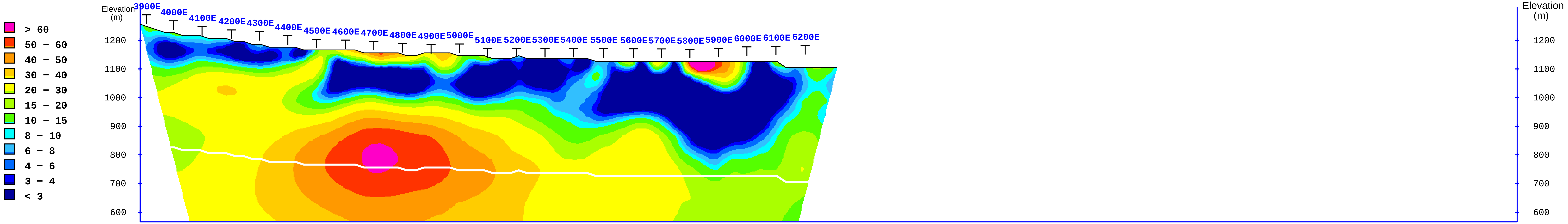
False Color Contour Map

Section 2000N

SJ Geophysics Ltd.



Interpreted Resistivity (Ohm−m)



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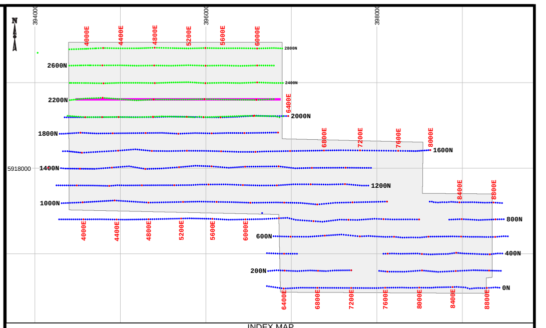

Survey Information

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Legend
White Line: Estimated Depth of Investigation
Station Gridline Coordinate Projected to Section

0 100 200 300 400 500
Meters

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

3D IP SURVEY

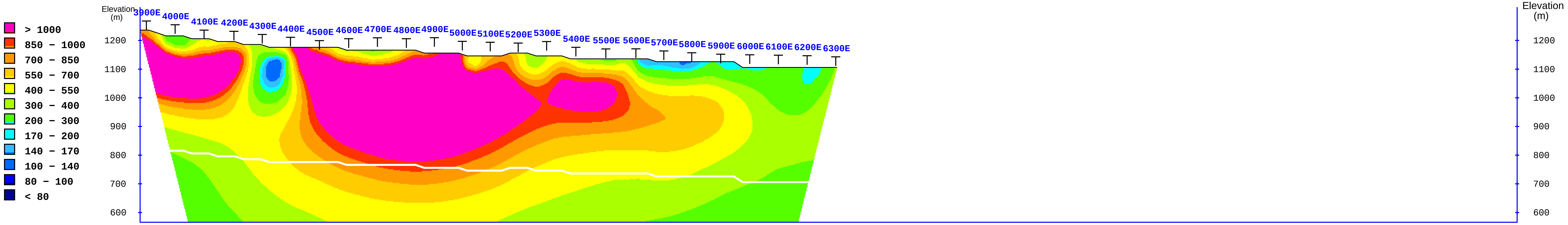
3D Cross Sections

False Color Contour Map

Section 2200N

SJ Geophysics Ltd.

GRASS 6.3



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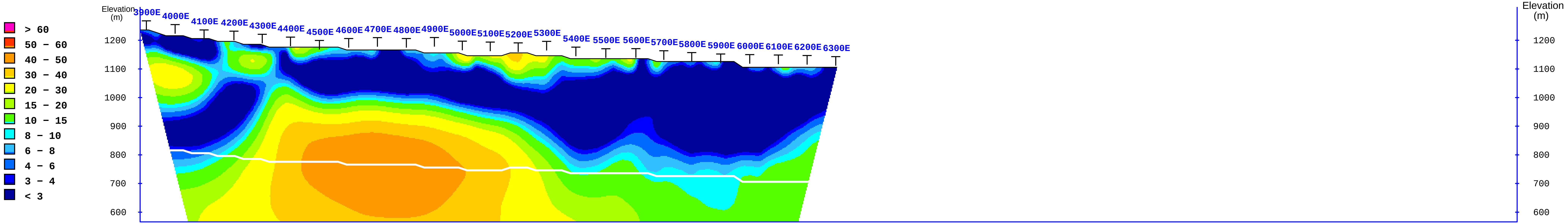

Interpreted Chargeability (ms)

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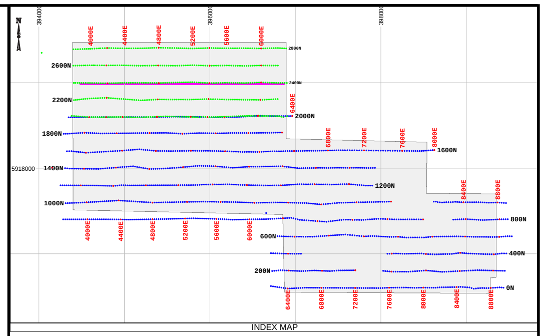

Survey Information

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RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October−December, 2007
Mapping Date: July, 2008

Projection: UTM Nad83 Zone 10

Legend
White Line: Estimated Depth of Investigation
Gridline Coordinate Projected to Section

0 100 200 300 400 500
Meters

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

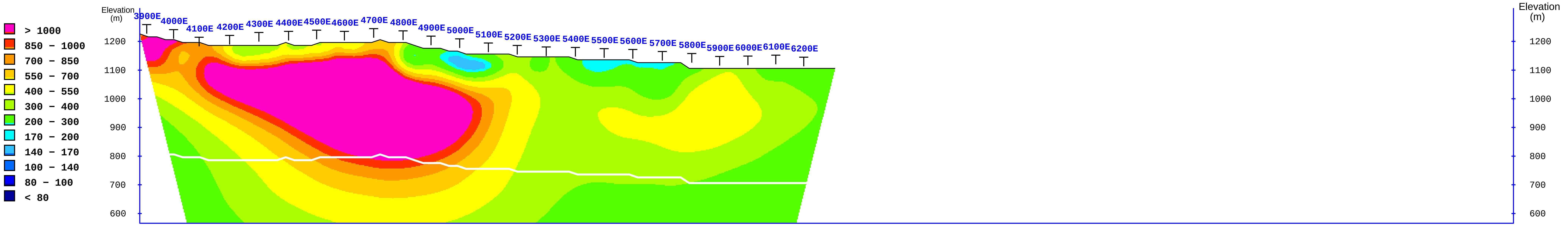
3D IP SURVEY

3D Cross Sections

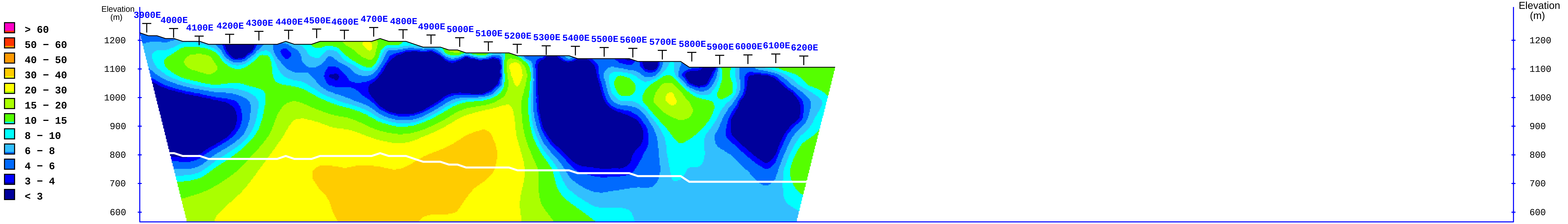
False Color Contour Map

Section 2400N

SJ Geophysics Ltd.



Interpreted Resistivity (Ohm−m)



Interpreted Chargeability (ms)

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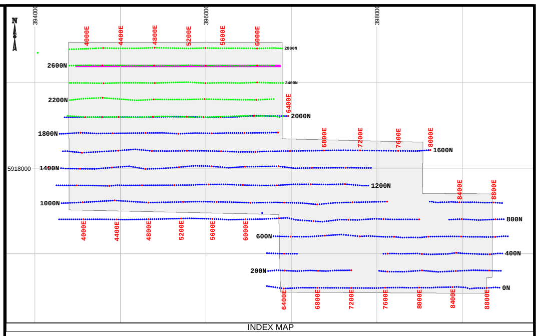

Survey Information

3D IP Array : n=5−12 a=100m−300m

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RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Survey Date: October−December, 2007
Mapping Date: July, 2008

Projection: UTM Nad83 Zone 10

Legend
White Line: Estimated Depth of Investigation
Gridline Coordinate Projected to Section

0 100 200 300 400 500
Meters

PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

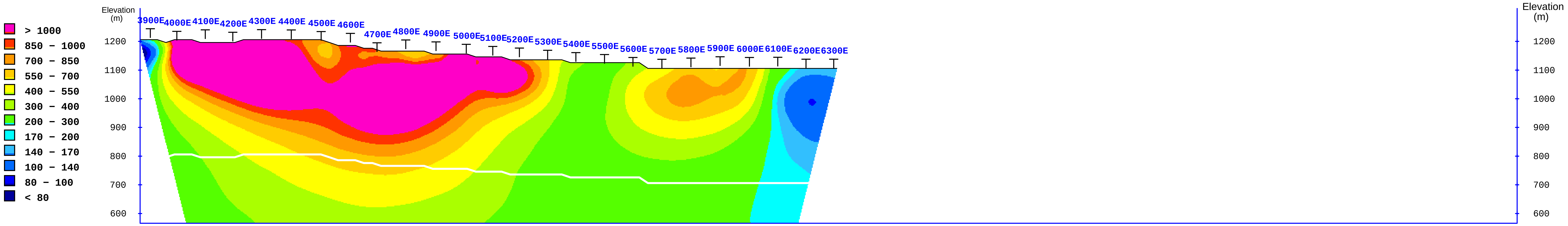
3D IP SURVEY

3D Cross Sections

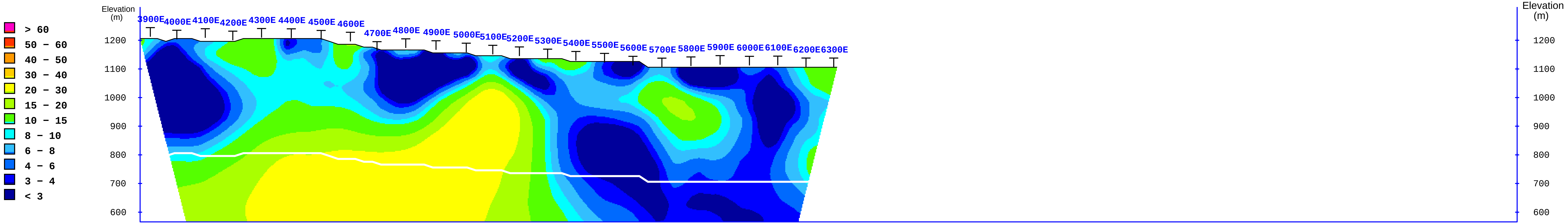
False Color Contour Map

Section 2600N

SJ Geophysics Ltd.



Interpreted Resistivity (Ohm−m)



Interpreted Chargeability (ms)

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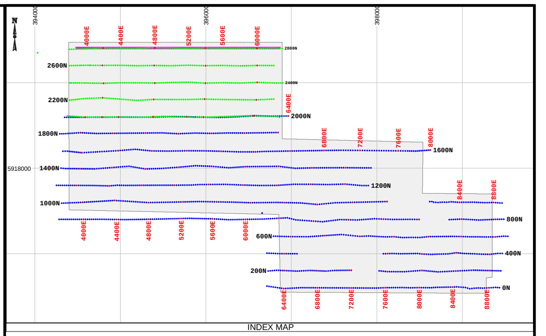

Survey Information

3D IP Array : n=5−12 a=100m−300m

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RECEIVER: SJ−24 Full−Waveform Digital IP Receiver
TRANSMITTER: GDD TX II 3.6 KW and VIP−4000

Survey by: SJ Geophysics Ltd.
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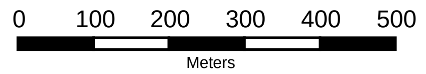
Projection: UTM Nad83 Zone 10

Legend
White Line: Estimated Depth of Investigation
Gridline Coordinate Projected to Section



PACIFIC CASCADE MINERALS INC.

Brewster Lake Project

Vanderhoof,B.C.

3D IP SURVEY

3D Cross Sections

False Color Contour Map

Section 2800N

SJ Geophysics Ltd.

Logistical Report

for

Pacific Cascade Minerals Inc.

3D Induced Polarization

on the

Brewster Lake Project (Extension)

Vanderhoof, British Columbia

UTM: 395500E, 5919000N NAD83 Zone 10

53° 24'N   124° 34'W

Mining Zone: Omineca Mining Division

NTS mapsheet: 093F048

BCGS TRIM mapsheet: 093F07

Survey Conducted by
SJ Geophysics Ltd.
April - May 2008

Report Written by
Kerry Ko
S.J.V. Consultants Ltd.
June 2008

Table of Contents

Illustration Index

1. Introduction

Three-dimensional Induced Polarization (3D-IP) was conducted on the Brewster Lake property for Pacific Cascade Minerals Inc. The property is located near Vanderhoof in northern British Columbia and is prospective for high molybdenum mineralization. The ground geophysical program was surveyed by SJ Geophysics Ltd. from April 10 to 19, 2008. Initial data processing and some quality control were performed on site by the field crew. The final QC and inversion were completed by S.J.V. Consultants Ltd.

This logistical report summarizes the operational aspects of the survey and the survey methodologies used; it does not discuss any interpretation of the results of the geophysical survey. Author's statement of qualifications is attached in Appendix 1.

2. Location and Line Information

The Brewster Lake property is located 80 km southeast of Vanderhoof, BC. The geophysical grid was accessible from Vanderhoof by turning south from Highway 16 into Nechako Ave, then turning into Kluskus Forestry Road. Figure 1 shows the general location of the project. The survey had gentle elevation change with topographic relief of approximately 190m.

The survey area covered a 2.5 km by 0.8 km region. There were 5 lines oriented east-west (north series) and with station spacings of 50m. Current lines 2000N, 2400N and 2800N were 2.5 km long and receiver lines 2200N and 2600N were 2.4 km long. Please refer to Appendix 2 for detailed surveyed line information. All lines were put it by a line cutting crew contracted by Pacific Cascade Minerals Inc while SJ crew recorded UTM coordinates using hand-held GPS and inclinometer data on all lines. All locations were defined in the UTM NAD83 projection, Zone 10.

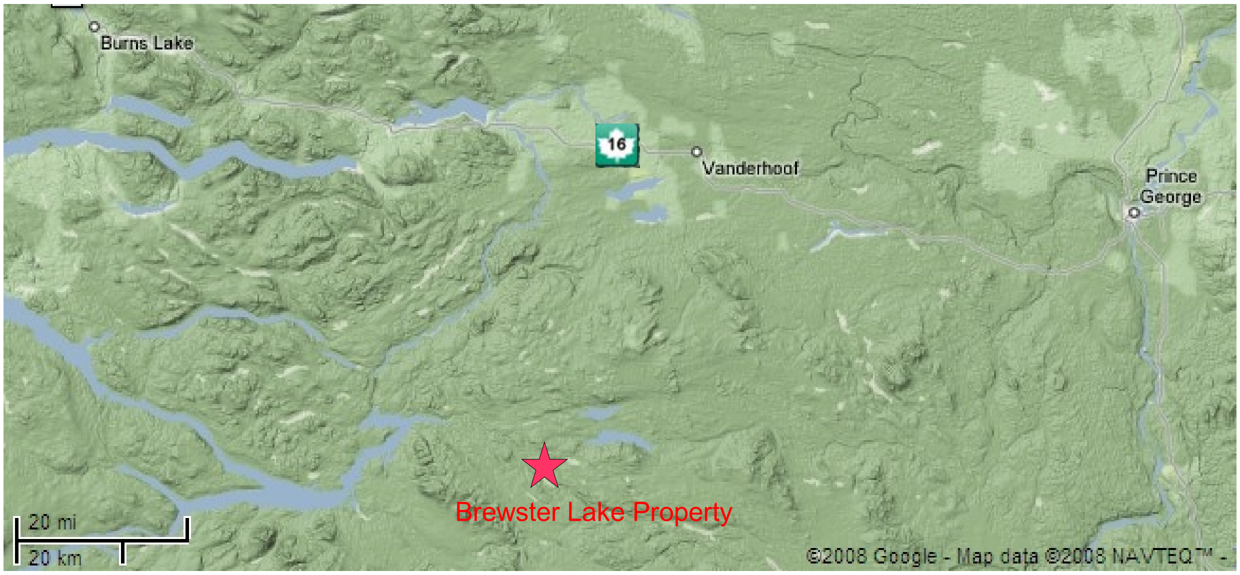


Figure 1: Location of Brewster Lake Property, northern British Columbia

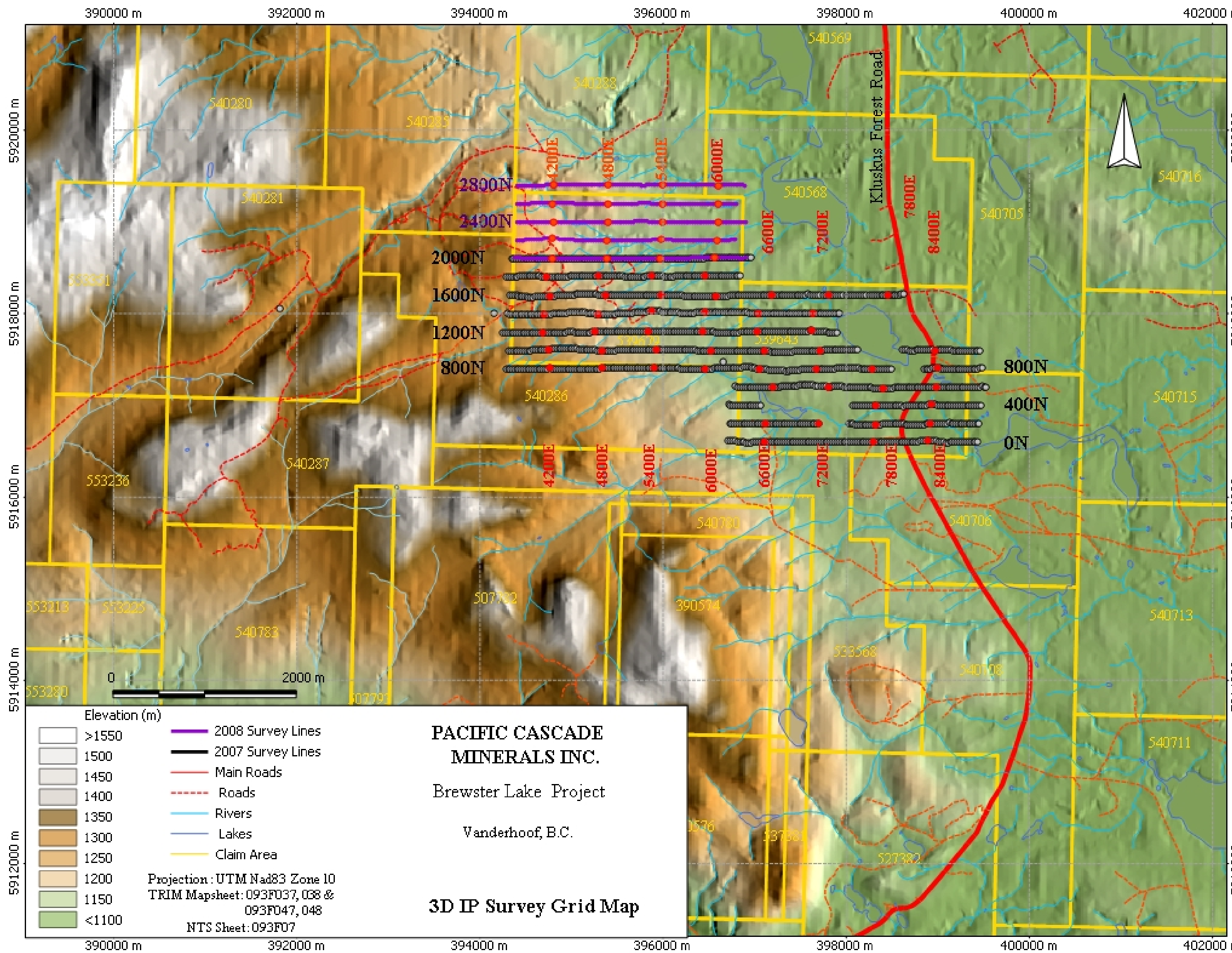


Figure 2: Survey Grid Map of Brewster Lake Project

3. Field Work and Instrumentation

3.1. Field Logistics

The SJ Geophysics Ltd. crew initially consisted of 6 to 7 SJ Geophysics employees during any time of survey: A total of 8 employees participated in the survey in order to satisfy crew's break schedule: Mohammad Braim, Shahid Saleemi(geophysicists), Liam Fowlie, Alexandre Jego, Walter Mainville, Vernon Prince, Robert Remi, Eugene Tom and Dustin Walcer (geophysical techinicians). Crew meals and accommodations were provided by the client at Kluskus Camp, which was around 10 km away from the grid.

Mohammad, Vernon, Eugene, Liam and Dustin mobilized to camp from a previous project on April 10, 2008. Shahid arrived at camp in the evening on April 12. There was a crew change on April 15 and April 16; Robert, Walter and Alex mobilized to camp and replaced Dustin, Mohammad and Eugene.

The crew laid out mother line and remotes and set up transmitter site on April 11. Recording took place on April 13, 14, 17 and 18. 5 more days were spent on setting up the grid, assisting in chaining and flagging, since some lines were not ready for at least 2 days, as well as 1 day on picking up wires, site clean-up and demobilization. Wires were chewed by wild life many times which slowed production.

3.2. Survey Parameters and Instrumentation

For the entire survey, the dipole array consisted of a modified pole-dipole 3D-IP configuration that was used with a combination on 12 dipoles. Measurements were taken every 100m. All data was collected using the internal SJ 24 Full Waveform Digital Receiver (Rx). The current was injected with a 2 seconds on, 2 seconds off duty cycle into the ground via a transmitter (Tx). A GDD model transmitter was utilized during the duration of the program. For further information on the instrumentation, their specifications are located in Appendix 3 at the end of the report.

The dipole array was implemented using standard 8 conductor cables configured with potential electrodes spaced 100m apart. At each current station, the electrodes used consisted of

5/8" stainless steel rods of approximately 1m in length. For the potential line, the electrodes consisted of 3/8" stainless steel "pins" of 0.5m in length. Current injections were spaced every 100m with an offset of 50m for surveying the adjacent receiver line.

The IP readings from each day's surveying were downloaded to a computer and entered into a database archive every evening. The database program allows the operator to display the IP decay curves in an efficient manner, and this provides a visual review of the data quality on site.

4. Geophysical Techniques

4.1. IP Method

The time domain IP technique energizes the ground with an alternating square wave pulse via a pair of current electrodes. During current injection, the apparent (bulk) resistivity of the ground is calculated from the measured primary voltage and the input current. Following current injection, a time decaying voltage is also measured at the receiver electrodes. This IP effect measures the amount of polarizable (or "chargeable") materials in the subsurface rock.

Under ideal circumstances, high chargeability corresponds to disseminated metallic sulfides. Unfortunately, IP responses are rarely uniquely interpretable as other rock materials are also chargeable, including some graphitic rocks, clays and some metamorphic rocks (e.g., serpentinite). Therefore, it is prudent from a geological perspective to incorporate other data sets to assist in interpretation.

IP and resistivity measurements are generally considered repeatable to within about five percent. However, changing field conditions, such as variable water content or electrode contact, reduce the overall repeatability. These measurements are influenced to a large degree by the rock materials near the surface (or, more precisely, near the measuring electrodes). In the past, interpretation of a traditional IP pseudosection was often uncertain because strong responses located near the surface could mask a weaker one at depth.

4.2. 3D-IP method

Three dimensional IP surveys were designed to take advantage of the interpretative functionality offered by 3D inversion techniques. Unlike conventional IP, the electrode arrays are no longer restricted to an in-line geometry. In the standard 3DIP configuration, a receiver array is established along a survey line while current electrodes are located on two adjacent lines. Current electrodes are advanced along the adjacent lines at fixed increments. A typical receiver array consists of 12 to 16 dipoles separated by the same interval as the current lines or by some multiple of that interval. These spacings are sometimes modified to compensate for local conditions, such as inaccessible sites and streams, or the overall conductivity of ground. Receiver arrays are typically established on every second line. By injecting multiple current locations to a single receiver electrode array, data acquisition rates are significantly improved over conventional surveys. each station. After each day of surveying, data are downloaded to a computer for archiving and further processing.

Respectfully submitted,
As per S.J.V. Consultants Ltd.

Kerry Ko (Geological Engineering Student, UBC)

APPENDIX 1: STATEMENT OF QUALIFICATIONS

I, Kerry Ko, of the city of Vancouver, British Columbia, hereby certify that:

1. I am a third year geological engineering student in the University of British Columbia.
2. I have been working in the mineral exploration industry since 2007.
3. I have no interest in Pacific Cascade Minerals Inc. or in any property within the scope of this report, nor do I expect to received any.

Signed by: _________________

Kerry Ko

Appendix 2: Summary Table

East Series 3D-IP

Line	*Series*	*BOL*	*EOL*	*Remote Used*	*Surveyed Length (m)*	*Rx Dates Surveyed*
2000	N	3800	6300		2500	
2200	N	3800	6200	2001N 6350E, 2750N, 3400E	2400	April 13, 14
2400	N	3800	6175		2375	
2600	N	3800	6100	2001N 6350E, 2750N, 3400E	2300	April 17, 18
2800	N	3800	6300		2500	

Total linear metres =12075

Appendix 3: Instrument Specifications

SJ-24 Full waveform digital IP receiver

Technical:	
Input impedance:	10 MΩ
Input overvoltage protection:	Up to 1000 V
External memory:	Unlimited readings
Number of dipoles:	4 to 16+, expandable.
Synchronization:	Software signal post-processing user selectable
Common mode rejection:	More than 100 dB (for Rs =0)
Self potential (Sp):	Range:-5 to +5 V Resolution: 0.1 mV Proprietary intelligent stacking process rejects strong non-linear SP drifts
Primary voltage:	Range: 1 μV – 10 V (24 bit) Resolution: 1 μV Accuracy: typically <1.0%
Chargeability:	Resolution: 1 μV/V Accuracy: typically <1.0%
Four-dipole digitizer:	
Dimensions (HWD):	18 x 16 x 9 cm
Weight:	1.1 kg
Battery:	12V external
Operating range:	-20 to 40°C

GDD Tx II IP Transmitter

Input voltage:	120V / 60 Hz or 240V / 50Hz (optional)
Output power:	3.6 kW maximum.
Output voltage:	150 to 2200 V
Output current:	5 mA to 10 A
Time domain:	1, 2, 4, 8 second on/off cycle.
Operating temp. range:	-40° to +65° C
Display:	Digital LCD read to 0.001 A
Dimensions (h w d):	34 x 21 x 39 cm
Weight:	20 kg.

LineNumber	Series	StationNumber	Local_X	Local_Y	Elevation	StationName
2001	N	6350	6372	2006	1137	2001N 6350E
2750	N	3400	3501	2747	1266	2750N 3400E
2000	N	3800	3852	2010	1301	2000N 3800E
2000	N	3825	3879.86807	2008.125	1300.22155	2000N 3825E
2000	N	3850	3904.57697	2006.25	1293.2429	2000N 3850E
2000	N	3875	3927.95819	2004.375	1284.53396	2000N 3875E
2000	N	3900	3951.61694	2002.5	1276.16171	2000N 3900E
2000	N	3925	3978.1222	2000.625	1272.1727	2000N 3925E
2000	N	3950	4004.426	1998.75	1267.79667	2000N 3950E
2000	N	3975	4031.49473	1996.875	1264.98901	2000N 3975E
2000	N	4000	4058	1995	1261	2000N 4000E
2000	N	4025	4082.68272	1995	1256.06347	2000N 4025E
2000	N	4050	4104.06784	1995	1244.51296	2000N 4050E
2000	N	4075	4128.61211	1995	1239.16265	2000N 4075E
2000	N	4100	4154.42329	1995	1239.77266	2000N 4100E
2000	N	4125	4179.94979	1995	1238.22035	2000N 4125E
2000	N	4150	4205.30979	1995	1235.81146	2000N 4150E
2000	N	4175	4230.8363	1995	1234.25915	2000N 4175E
2000	N	4200	4256	1995	1231	2000N 4200E
2000	N	4225	4279.01849	1995.25	1225.21834	2000N 4225E
2000	N	4250	4302.23328	1995.5	1220.28694	2000N 4250E
2000	N	4275	4325.80804	1995.75	1217.50659	2000N 4275E
2000	N	4300	4348.47675	1996	1210.46369	2000N 4300E
2000	N	4325	4372.17695	1996.25	1212.47399	2000N 4325E
2000	N	4350	4395.8011	1996.5	1210.12717	2000N 4350E
2000	N	4375	4419.37585	1996.75	1207.34682	2000N 4375E
2000	N	4400	4443	1997	1205	2000N 4400E
2000	N	4425	4468.30742	1996.5	1204.25545	2000N 4425E
2000	N	4450	4493.34186	1996	1201.7874	2000N 4450E
2000	N	4475	4518.19487	1995.5	1198.46581	2000N 4475E
2000	N	4500	4543.30883	1995	1196.42678	2000N 4500E
2000	N	4525	4568.34327	1994.5	1193.95874	2000N 4525E
2000	N	4550	4593.45722	1994	1191.91971	2000N 4550E
2000	N	4575	4618.81403	1993.5	1191.60868	2000N 4575E
2000	N	4600	4644	1993	1190	2000N 4600E
2000	N	4625	4670.01684	1993.875	1191.58989	2000N 4625E
2000	N	4650	4695.94235	1994.75	1190.56458	2000N 4650E
2000	N	4675	4721.82605	1995.625	1189.10495	2000N 4675E
2000	N	4700	4747.70974	1996.5	1187.64532	2000N 4700E
2000	N	4725	4773.48709	1997.375	1185.31958	2000N 4725E
2000	N	4750	4799.47348	1998.25	1187.78156	2000N 4750E
2000	N	4775	4824.52566	1999.125	1182.04421	2000N 4775E
2000	N	4800	4850	2000	1178	2000N 4800E
2000	N	4825	4872.69572	2001	1180.9749	2000N 4825E
2000	N	4850	4896	2002	1174	2000N 4850E
2000	N	4875	4922.52418	2003	1169.83964	2000N 4875E
2000	N	4900	4948	2004	1179	2000N 4900E
2000	N	4925	4968.11859	2003.5	1165.82256	2000N 4925E
2000	N	4950	4992.9775	2003	1168.64814	2000N 4950E
2000	N	4975	5017.41134	2002.5	1174.93556	2000N 4975E

2000	N	5000	5040.64402	2002	1167.49355	2000N 5000E
2000	N	5025	5064.17515	2001.5	1160.87153	2000N 5025E
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2000	N	5075	5112.94093	2000.5	1153.94092	2000N 5075E
2000	N	5100	5137.5263	2000	1151.54725	2000N 5100E
2000	N	5125	5162.35857	1999.5	1151.32053	2000N 5125E
2000	N	5150	5187.21747	1999	1151.52932	2000N 5150E
2000	N	5175	5212.11064	1998.5	1153.0465	2000N 5175E
2000	N	5200	5237	1998	1155	2000N 5200E
2000	N	5225	5260.54376	1997	1156.12129	2000N 5225E
2000	N	5250	5284.07609	1996	1156.80641	2000N 5250E
2000	N	5275	5307.58939	1995	1157.05561	2000N 5275E
2000	N	5300	5331	1994	1156	2000N 5300E
2000	N	5325	5361.98288	1997.5	1154.78251	2000N 5325E
2000	N	5350	5393	2001	1154	2000N 5350E
2000	N	5375	5416.98288	1998	1152.78251	2000N 5375E
2000	N	5400	5441	1995	1152	2000N 5400E
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2000	N	5525	5562.01332	1997.5	1148.30263	2000N 5525E
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2000	N	5575	5610.647	1999.16667	1146.65098	2000N 5575E
2000	N	5600	5634.96194	2000	1145.17055	2000N 5600E
2000	N	5625	5659.2959	2000.83333	1144.12603	2000N 5625E
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2000	N	5675	5707.95622	2002.5	1142.03727	2000N 5675E
2000	N	5700	5732.24452	2003.33333	1140.12133	2000N 5700E
2000	N	5725	5756.5899	2004.16667	1140.38561	2000N 5725E
2000	N	5750	5780.9391	2005	1140.21358	2000N 5750E
2000	N	5775	5805.28449	2005.83333	1139.60525	2000N 5775E
2000	N	5800	5829.62987	2006.66667	1138.99691	2000N 5800E
2000	N	5825	5853.96384	2007.5	1137.95239	2000N 5825E
2000	N	5850	5878.30923	2008.33333	1138.21668	2000N 5850E
2000	N	5875	5902.65461	2009.16667	1137.60834	2000N 5875E
2000	N	5900	5927	2010	1137	2000N 5900E
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2000	N	6075	6101.97335	2008.5	1135.12778	2000N 6075E
2000	N	6100	6126.97607	2008.28571	1134.8602	2000N 6100E
2000	N	6125	6151.97879	2008.07143	1134.59263	2000N 6125E
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2200	N	3875	3945.13113	2201.125	1282.55679	2200N 3875E
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2200	N	3950	4010.40012	2208.25	1257.11433	2200N 3950E
2200	N	3975	4034.916	2210.625	1253.73221	2200N 3975E
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2200	N	4050	4109.19836	2215	1239.72633	2200N 4050E
2200	N	4075	4134.42031	2216	1235.45074	2200N 4075E
2200	N	4100	4159.8681	2217	1232.01804	2200N 4100E
2200	N	4125	4185.59918	2218	1229.86316	2200N 4125E
2200	N	4150	4211.33026	2219	1227.70829	2200N 4150E
2200	N	4175	4236.55221	2220	1223.4327	2200N 4175E
2200	N	4200	4262	2221	1220	2200N 4200E
2200	N	4225	4286.81104	2219.125	1225.08688	2200N 4225E
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2200	N	4475	4533.50513	2200.375	1190.60185	2200N 4475E
2200	N	4500	4558.48091	2198.5	1187.74166	2200N 4500E
2200	N	4525	4583.63923	2196.625	1187.49189	2200N 4525E
2200	N	4550	4608.74046	2194.75	1185.93452	2200N 4550E
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2200	N	4900	4958.06194	2201.5	1169.38798	2200N 4900E
2200	N	4925	4983.07551	2201.375	1168.26679	2200N 4925E
2200	N	4950	5007.86102	2201.25	1171.49741	2200N 4950E
2200	N	4975	5032.43051	2201.125	1176.01893	2200N 4975E
2200	N	5000	5057	2201	1171	2200N 5000E

2200	N	5025	5079.90401	2201	1161.05938	2200N 5025E
2200	N	5050	5105.03039	2201	1158.16718	2200N 5050E
2200	N	5075	5130.2782	2201	1156.1391	2200N 5075E
2200	N	5100	5155.61723	2201	1154.97887	2200N 5100E
2200	N	5125	5180.9905	2201	1154.25362	2200N 5125E
2200	N	5150	5206.36376	2201	1153.52836	2200N 5150E
2200	N	5175	5231.70279	2201	1152.36813	2200N 5175E
2200	N	5200	5257	2201	1156	2200N 5200E
2200	N	5225	5281.42464	2201.625	1160.89246	2200N 5225E
2200	N	5250	5306.02013	2202.25	1159.26084	2200N 5250E
2200	N	5275	5330.61561	2202.875	1157.62923	2200N 5275E
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2200	N	5325	5379.88263	2204.125	1155.2353	2200N 5325E
2200	N	5350	5404.55417	2204.75	1154.47298	2200N 5350E
2200	N	5375	5429.28279	2205.375	1155.89089	2200N 5375E
2200	N	5400	5454	2206	1156	2200N 5400E
2200	N	5425	5480.1369	2205.375	1156.13159	2200N 5425E
2200	N	5450	5506.26237	2204.75	1155.827	2200N 5450E
2200	N	5475	5532.39927	2204.125	1155.95859	2200N 5475E
2200	N	5500	5558.50571	2203.5	1155.21809	2200N 5500E
2200	N	5525	5584.63119	2202.875	1154.9135	2200N 5525E
2200	N	5550	5610.76808	2202.25	1155.04509	2200N 5550E
2200	N	5575	5636.87453	2201.625	1154.30459	2200N 5575E
2200	N	5600	5663	2201	1154	2200N 5600E
2200	N	5625	5687.8218	2200.75	1155.90752	2200N 5625E
2200	N	5650	5712.54846	2200.5	1155.63615	2200N 5650E
2200	N	5675	5737.18391	2200.25	1154.49694	2200N 5675E
2200	N	5700	5761.86875	2200	1153.79125	2200N 5700E
2200	N	5725	5786.62965	2199.75	1153.95487	2200N 5725E
2200	N	5750	5811.31449	2199.5	1153.24918	2200N 5750E
2200	N	5775	5836.12105	2199.25	1154.28421	2200N 5775E
2200	N	5800	5860.69955	2199	1152.71241	2200N 5800E
2200	N	5825	5885.335	2198.75	1151.5732	2200N 5825E
2200	N	5850	5910.14157	2198.5	1152.60823	2200N 5850E
2200	N	5875	5934.95955	2198.25	1154.07945	2200N 5875E
2200	N	5900	5959.77754	2198	1156.42328	2200N 5900E
2200	N	5925	5984.59934	2197.75	1158.3308	2200N 5925E
2200	N	5950	6009.4059	2197.5	1159.36584	2200N 5950E
2200	N	5975	6034.19343	2197.25	1159.96497	2200N 5975E
2200	N	6000	6059	2197	1161	2200N 6000E
2200	N	6025	6084.35597	2198.125	1160.20754	2200N 6025E
2200	N	6050	6109.73097	2199.25	1161.59597	2200N 6050E
2200	N	6075	6135.08693	2200.375	1163.4203	2200N 6075E
2200	N	6100	6160.47335	2201.5	1163.49993	2200N 6100E
2200	N	6125	6185.84835	2202.625	1163.14339	2200N 6125E
2200	N	6150	6211.23858	2203.75	1163.65932	2200N 6150E
2200	N	6175	6236.625	2204.875	1164.61157	2200N 6175E
2200	N	6200	6262	2206	1166	2200N 6200E
2400	N	3800	3877	2395	1287	2400N 3800E
2400	N	3825	3895.5059	2394.875	1273.64144	2400N 3825E
2400	N	3850	3920.62295	2394.75	1269.38234	2400N 3850E

2400	N	3875	3943.20618	2394.625	1260.55211	2400N 3875E
2400	N	3900	3965.78941	2394.5	1251.72188	2400N 3900E
2400	N	3925	3989.96753	2394.375	1245.49428	2400N 3925E
2400	N	3950	4016.69215	2394.25	1246.66225	2400N 3950E
2400	N	3975	4043.41677	2394.125	1247.83023	2400N 3975E
2400	N	4000	4066	2394	1239	2400N 4000E
2400	N	4025	4090.95396	2393.5	1233.20956	2400N 4025E
2400	N	4050	4117.03579	2393	1231.62842	2400N 4050E
2400	N	4075	4142.64557	2392.5	1227.91801	2400N 4075E
2400	N	4100	4166.76491	2392	1220.11262	2400N 4100E
2400	N	4125	4192.37469	2391.5	1216.40221	2400N 4125E
2400	N	4150	4218.45653	2391	1214.82107	2400N 4150E
2400	N	4175	4244.91817	2390.5	1217.58114	2400N 4175E
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2400	N	4225	4295.78744	2390.75	1213.55916	2400N 4225E
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2400	N	4425	4493.66874	2396	1192.83453	2400N 4425E
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2400	N	5075	5140.26436	2401.5	1179.89311	2400N 5075E
2400	N	5100	5164.59702	2402	1177.78151	2400N 5100E
2400	N	5125	5188.96392	2402.5	1176.1049	2400N 5125E

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2400	N	5325	5385.58627	2396.5	1170.3676	2400N 5325E
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2400	N	5425	5489.12689	2392.625	1159.0474	2400N 5425E
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2400	N	5750	5818.23096	2394	1143.8458	2400N 5750E
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2400	N	5800	5867	2393	1141	2400N 5800E
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2400	N	5850	5917.51141	2395	1139.46779	2400N 5850E
2400	N	5875	5942.68535	2396	1137.61416	2400N 5875E
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2400	N	5950	6018.42772	2399	1134.66172	2400N 5950E
2400	N	5975	6043.72337	2400	1134.54881	2400N 5975E
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2400	N	6025	6093.99619	2400.125	1132.53441	2400N 6025E
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2400	N	6175	6243.98858	2394.875	1131.59311	2400N 6175E
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2600	N	3825	3895.14276	2597.5	1255.74332	2600N 3825E
2600	N	3850	3919.84143	2598	1252.5889	2600N 3850E
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2600	N	3900	3968.38752	2599	1242.89729	2600N 3900E
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2600	N	3950	4012.99519	2600	1233.00909	2600N 3950E
2600	N	3975	4037.30133	2600.5	1228.15442	2600N 3975E
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2600	N	4050	4108.97066	2600.75	1212.85135	2600N 4050E
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2600	N	4125	4178.39957	2600.375	1205.74274	2600N 4125E
2600	N	4150	4205.57117	2600.25	1208.77165	2600N 4150E
2600	N	4175	4231.47587	2600.125	1205.84025	2600N 4175E
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2600	N	4225	4283.92711	2600.125	1207.148	2600N 4225E
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2600	N	4625	4684.51963	2596.375	1221.85537	2600N 4625E
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2600	N	4875	4937.24405	2597.875	1206.93318	2600N 4875E
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2600	N	5225	5288.12994	2601.25	1166.41137	2600N 5225E
2600	N	5250	5313.43072	2600.5	1164.12039	2600N 5250E
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2800	N	4125	4186.51385	2799.625	1202.46712	2800N 4125E
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2800	N	4175	4240.42352	2801.875	1210.05851	2800N 4175E
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2800	N	4225	4289.44543	2802.5	1228.42911	2800N 4225E
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2800	N	4625	4700.07944	2800.75	1203.62292	2800N 4625E
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2800	N	5025	5104.05894	2801.5	1171.66912	2800N 5025E
2800	N	5050	5127.06094	2801	1168.90564	2800N 5050E
2800	N	5075	5150.21109	2800.5	1167.4426	2800N 5075E
2800	N	5100	5173.39548	2800	1166.41454	2800N 5100E
2800	N	5125	5196.45443	2799.5	1164.08365	2800N 5125E
2800	N	5150	5219.60458	2799	1162.62061	2800N 5150E
2800	N	5175	5242.78897	2798.5	1161.59255	2800N 5175E
2800	N	5200	5266	2798	1161	2800N 5200E
2800	N	5225	5290.615	2798.625	1158.83655	2800N 5225E
2800	N	5250	5315.1806	2799.25	1156.23958	2800N 5250E
2800	N	5275	5339.83742	2799.875	1154.51045	2800N 5275E

2800	N	5300	5364.52848	2800.5	1153.2163	2800N 5300E
2800	N	5325	5389.14348	2801.125	1151.05285	2800N 5325E
2800	N	5350	5413.80029	2801.75	1149.32372	2800N 5350E
2800	N	5375	5438.30895	2802.375	1146.29415	2800N 5375E
2800	N	5400	5463	2803	1145	2800N 5400E
2800	N	5425	5488.03941	2802.625	1143.89791	2800N 5425E
2800	N	5450	5512.97248	2802.25	1141.92971	2800N 5450E
2800	N	5475	5537.76905	2801.875	1139.09962	2800N 5475E
2800	N	5500	5562.85028	2801.5	1138.43185	2800N 5500E
2800	N	5525	5587.96575	2801.125	1138.19906	2800N 5525E
2800	N	5550	5612.59581	2800.75	1134.51239	2800N 5550E
2800	N	5575	5637.46438	2800.375	1132.11265	2800N 5575E
2800	N	5600	5662	2800	1128	2800N 5600E
2800	N	5625	5687.28559	2800.125	1129.54712	2800N 5625E
2800	N	5650	5712.49513	2800.25	1126.73712	2800N 5650E
2800	N	5675	5737.82639	2800.375	1125.66785	2800N 5675E
2800	N	5700	5762.86509	2800.5	1121.5602	2800N 5700E
2800	N	5725	5788.02524	2800.625	1124.41014	2800N 5725E
2800	N	5750	5813.36792	2800.75	1124.64967	2800N 5750E
2800	N	5775	5838.71441	2800.875	1124.45288	2800N 5775E
2800	N	5800	5864	2801	1126	2800N 5800E
2800	N	5825	5889.19858	2800.625	1129.88578	2800N 5825E
2800	N	5850	5914.59062	2800.25	1132.4771	2800N 5850E
2800	N	5875	5940.169	2799.875	1132.02168	2800N 5875E
2800	N	5900	5965.73215	2799.5	1130.69377	2800N 5900E
2800	N	5925	5991.30673	2799.125	1130.67466	2800N 5925E
2800	N	5950	6016.85085	2798.75	1128.91084	2800N 5950E
2800	N	5975	6042.42542	2798.375	1128.01911	2800N 5975E
2800	N	6000	6068	2798	1128	2800N 6000E
2800	N	6025	6092.72555	2798.625	1128.33435	2800N 6025E
2800	N	6050	6117.4511	2799.25	1128.66869	2800N 6050E
2800	N	6075	6142.17285	2799.875	1129.43935	2800N 6075E
2800	N	6100	6166.88317	2800.5	1128.9012	2800N 6100E
2800	N	6125	6190.96797	2801.125	1123.61177	2800N 6125E
2800	N	6150	6215.65926	2801.75	1122.63772	2800N 6150E
2800	N	6175	6240.28968	2802.375	1120.79317	2800N 6175E
2800	N	6200	6265	2803	1122	2800N 6200E
2800	N	6225	6289.27188	2801.75	1121.67343	2800N 6225E
2800	N	6250	6313.54757	2800.5	1120.91055	2800N 6250E
2800	N	6275	6337.81945	2799.25	1120.58399	2800N 6275E
2800	N	6300	6362	2798	1122	2800N 6300E

STATEMENT OF EXPENSES

2007 IP Geophysical Survey

Line Cutting	$ 60,861.94
Camp Cost	$ 12,457.50
SJ Geophysics	$106,000.00
Total	**$179,319.44**

R.(Bob) Krause, B.Sc.
Geologist