BC Geological Survey **Assessment Report** 37448



ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Assessment Report on An Induced Polarization, Lac La Hache, in the Lac La Hache area, westcentral British Columbia Clinton Mining Division

TOTAL COST: \$75,691.52

AUTHOR(S): John Buckle, P.Geo. SIGNATURE(S): John Brokel

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):

STATEMENT OF WORK EVENT NUMBER(S)/DATE(S):5684914 Feb. 7, 2018

YEAR OF WORK: 2017

PROPERTY NAME: Lac La Hache Property

CLAIM NAME(S) (on which work was done): 1050268,1050269, 1050326 and 1050292

COMMODITIES SOUGHT: Gold, Copper, Zinc

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Clinton Mining Division

NTS / BCGS:

LATITUDE:

_51___° ___57____′ ___07____" _121____° __13____′ ___28.95_____" (at centre of work) 121 UTM Zone: ZONE 10 (WGS 84) EASTING: NORTHING: 5757200

OWNER(S): Garibaldi Resources Corp.

MAILING ADDRESS:

Suite 1150, 409 Granville Street,

Vancouver, B.C. Canada V6C 1T2

OPERATOR(S) [who paid for the work]: Garibaldi Resources Corp.

MAILING ADDRESS:

Suite 1150, 409 Granville Street, Vancouver, B.C.Canada V6C 1T2

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. Do not use abbreviations or codes)

Quesnel Trough, Cache Creek Group, Nicola, Takla and Stuhini Groups

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

ARIS reports: 25670, 20095, 17960, 26655 and 277188 MINFILE 092P 122

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)	
GEOLOGICAL (scale, area)				
Ground, mapping				
Photo interpretation				
GEOPHYSICAL (line-kilometres)				
Ground	11km IP	1050268 1050269	\$75,691.52	
Magnetic				
Electromagnetic				
Induced Polarization				
Radiometric				
Seismic				
Other				
Airborne				
GEOCHEMICAL (number of samples a	nalysed for)			
Soil				
Silt				
Rock				
Other				
DRILLING (total metres, number of ho	les, size, storage location)			
Core				
Non-core				
RELATED TECHNICAL				
Sampling / Assaying				
Petrographic				
Mineralographic				
Metallurgic				
PROSPECTING (scale/area)				
PREPATORY / PHYSICAL				
Line/grid (km)				
Topo/Photogrammetric (scale	e, area)			
Legal Surveys (scale, area)				

Road, local access (km)/trail		
Trench (number/metres)		
Underground development (metres)		
Other		
	TOTAL COST	\$75,691.52

Assessment Report on

An Induced Polarization, Survey of the

Lac La Hache Property,

in the Lac La Hache area,

West-central British Columbia

Clinton Mining Division

N.T.S. 092P/14 Latitude 51° 57′ 07″ N Longitude 121° 13′ 28.95″ W

Report prepared by: John Buckle, P. Geo.

Report prepared for: Garibaldi Resources Corp.

Date of report: May 30, 2018. Revised November 21, 2018

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SUMMARY

An induced polarization was conducted on the Lac La Hache property consisting of eight lines, six northern lines run east-west with two north-south lines over the southern part of the survey area. A total of eleven line kilometers were surveyed. The chargeability values from the survey were uniformly low. The resistivity values map the known published geology and matches the airborne magnetic data. The geophysical survey, described in this report, was not conclusive with respect to the porphyry potential for the property.

INTRODUCTION

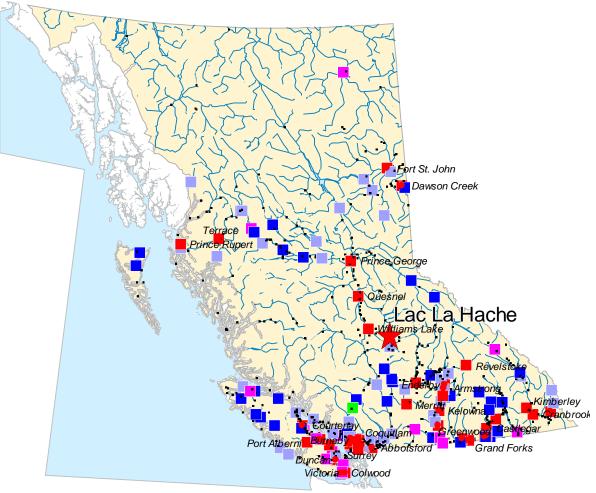
This report presents details of a seventeen day program of induced polarization geophysical surveying that was completed on the tenures between October 24 and November 6, 2017. The Lac La Hache mineral tenures that are the subject of this report are listed in Table 1 and illustrated in Figures 2 and 5 of this report. Garibaldi Resources Corp. is the registered owner of the tenures, however the Lac La Hache property is under an option agreement from Michael Moore. This report presents details of a program of induced polarization geophysics.

The property is described in this report consists of 1514.52 hectares made up of four contiguous mineral claims in the Lac La Hache area of the Clinton Mining Division.

Induced polarization geophysical surveying was undertaken as part of early stage exploration of the tenures. Statements of Work have been filed as follows: Event Numbers 5684914.

Access, Vegetation and Climate

The Lac La Hache property is located in the Cariboo area of central British Columbia. Access to the area is by paved highway to Lac La Hache and then by secondary road to the property. The property is located approximately 21 kilometres northeast of Lac La Hache, B.C. The claims are accessible by good gravel roads from Lac La Hache.



Map Center: 54.4781N 124.7082W

Figure 1 Location Map

Property

The Lac La Hache property is made up of four contiguous mineral claims covering an area of 1514.5217 hectares.

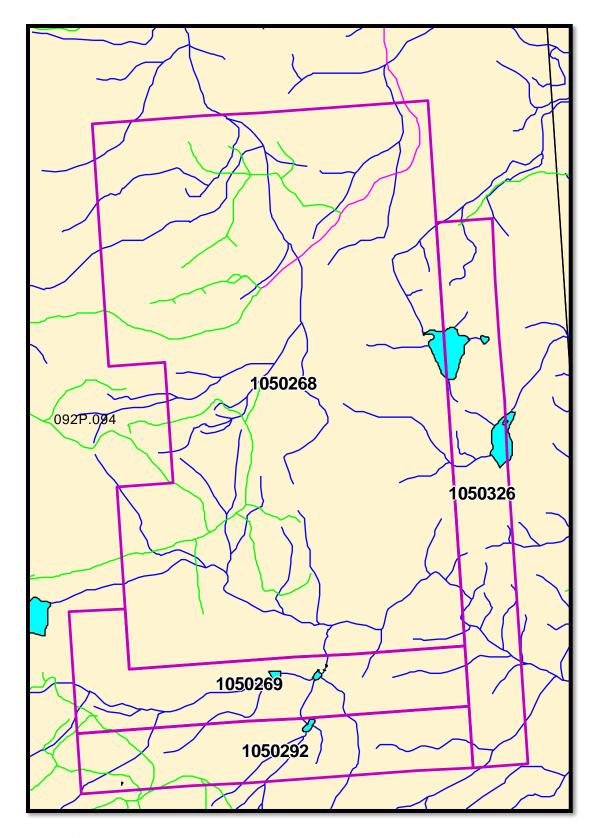


Figure 2 Claim Map

Table 1 Claim Table

Tenure Number	<u>Type</u>	<u>Claim Name</u>	Good Until	Area (ha)
<u>1050268</u>	Mineral	GOLDCOPPERSKARN	20190824	1036.1268
1050269	Mineral	GCS 2	20190824	159.4759
1050292	Mineral	GCS 3	20190824	139.5559
1050326	Mineral	ACS EAST	20190824	179.3631

Geology

The Lac La Hache claims lie within the Quesnel Trough, a 30 to 60 kilometre wide belt of Lower Mesozoic volcanic and related sedimentary rocks bounded by older sedimentary rocks of the Cache Creek Group to the east and younger Coast Intrusions to the west. In the area of the Tam claims the Quesnel Trough is dominated by Upper Triassic Nicola Group andesites, basalts, tuffs and argillites. The Nicola group is intruded by the Upper Triassic-Lower Jurassic Spout Lake Intrusions. These include plutons and batholiths that vary in composition from granodiorite to quartz diorite and small alkali stocks which vary in composition from syenite through diorite to pyroxenite. The Late Jurassic-Early Cretaceous Takomkane batholith intrudes the Nicola Group to the east of the claims. The Takomkane batholith is composed of granodiorite. The Lac La Hache claims Quesnel Trough, a northwest trending fault-bounded structural basin comprised of a thick sequence of Lower Mesozoic volcaniclastic and related sedimentary rocks dominated by Triassic Nicola pyroclastic rocks. The Trough is bounded on the east by older Proterozoic and Paleozoic strata of the Omineca Belt sedimentary rocks and on the west by Upper Paleozoic rocks of the Cache Creek Group. Miocene plateau basalt flows obscure much of the contact on the west side of the Trough.

REGIONAL GEOLOGY: The regional geology of the area is depicted by G.S.C. Map 1278A, Bonaparte Lake Map Area, 1972. The Tim claims are situated near the eastern margin of the Intermontaine Belt. This belt is composed of a northwesterly trending assemblage of Upper Triassic - Lower Jurassic volcanic rocks belonging to the Nicola, Takla and Stuhini Groups and is often referred to as the Quesnel Trough. Nicola volcanic rocks of Triassic age underlay the property. They have been mapped as augite, andesite flows and breccia; tuff, argillite, greywacke and grey limestone. The Takomkane granitic batholith of Triassic-Jurassic age lies to the east of this sequence of rocks. An extensive cover of Upper Tertiary (Miocene-Pliocene) basaltic lavas of the plateau type lie to the west. The eastern edge of the Intermontane Belt contains a linear band of alkalic stocks composed of diorite, monzonite and syenite. These stocks intrude the volcanic strata and commonly alter the country rocks. They are hosts for several alkalic suite porphyry mineral deposits such as Copper Mountain, Afton, Cariboo-Bell and the recently discovered QR gold mine. The QR discovery is reported to contain some 6500 kilograms of gold reserves.

The Late Jurassic-Early Cretaceous Takomkane Batholith intrudes the Nicola Group on the east half of the Lac La Hache claims and extends westward Erom Takornkane Mountain to Peach Lake. The Takomkane Batholith is composed of granodiorite and is related to and forms part of the syenite and syenodiorite on the western side of the complex pluton.

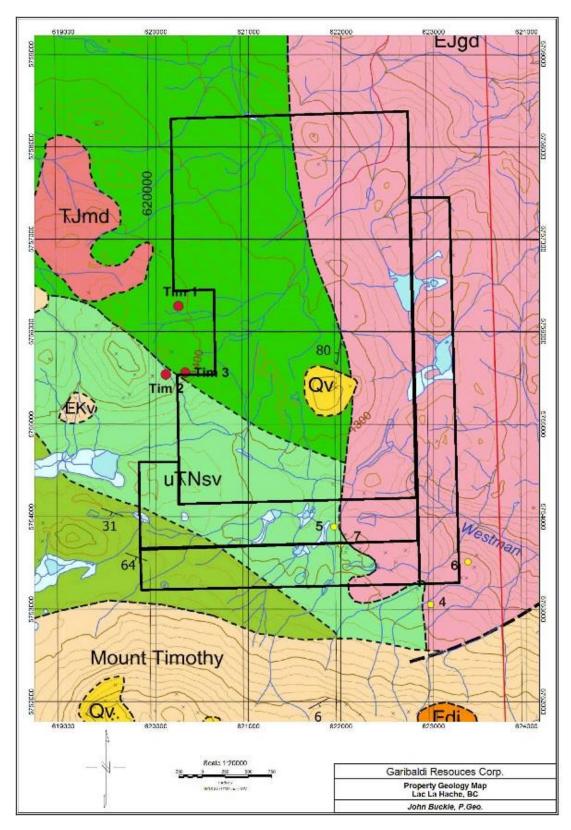


Figure 3 Geology Map From BC Geological Survey Open File 2008-5

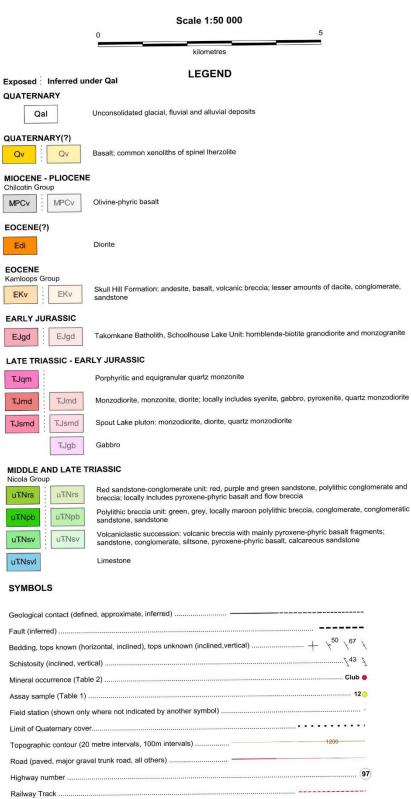


Figure 4 Geology Map Legend From BC Geological Survey Open File 2008-5

Previous Work

There is no previous work recorded on the property itself, however, ARIS files and MINFILE 092P 122 are located near the western boundary of the property. Figure 5 shows the location of ARIS reports in the Lac La Hache property area.

No ARIS files are reports are shown on the property. Two ARIS reports 25670 and 20095 are on the western property boundary on pre-existing claims and MINFILE 092P 122 for the Tim showing is also located on underlying legacy claims.

The 1998 ARIS report 25670 describes three showings found during Amax exploration's 1968 to 1972 work. These showings consisted of chalcopyrite-pyrite and lesser magnetite in syenodiorite and/or altered andesite, proximal to syenodiorite/andesite contacts.

Aris report 20095 in 1990 states White Geophysical Inc. was commissioned by Liberty Gold Corp. to compile, plot and analyze the geophysical and geochemical data on the Tim showing.

The Tim showing is described in MINFILE 092P 122. This report states that the mineralization on the Tim property consists of fracture-controlled and disseminated malachite, chalcopyrite and minor bornite and native copper associated with magnetite and pyrite in intensely altered Nicola Group andesite and in dykes and small intrusive bodies of monzonite, syenite and syenite breccia of the Spout Lake Intrusions (Assessment Reports 8831, 12192, 25670). Alteration and associated accessory minerals include quartz, epidote, K-feldspar and calcite. Three showings, Tim #1, #2 and #3, have been trenched over a northwest-trending zone on the property for a distance of approximately 500 metres.

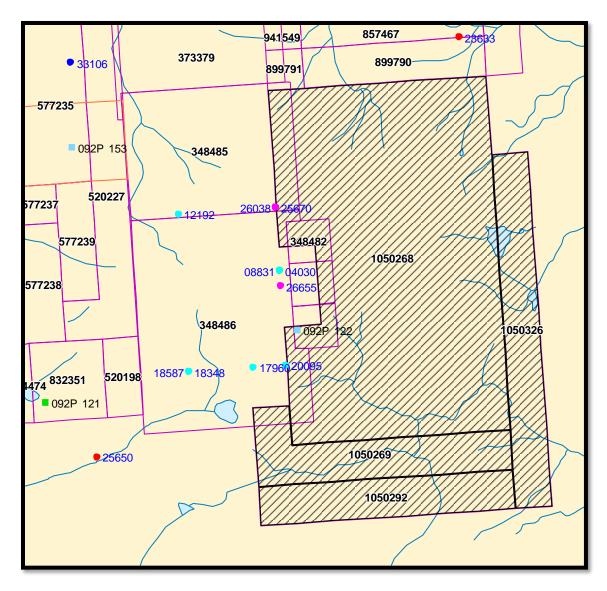


Figure 5 Claim Map

A high-resolution aeromagnetic and airborne gamma-ray spectrometric geophysical survey in the Bonaparte Lake area (parts of NTS 92P and 093A) was completed in 2006. Funding for the survey was provided by <u>Geoscience BC</u>, Natural Resources Canada's Targeted Geoscience Initiative (TGI3), Candorado Operating Company Ltd., GWR Resources Inc. and Amarc Resources Ltd. Project management was undertaken by the Geological Survey of Canada. The western portion of the survey area was surveyed with a fixed-wing by Sander Geophysics Ltd., while the eastern portion was surveyed with a helicopter by Fugro Airborne Surveys. This map, in UTM Zone 10 projection, features 2 magnetic parameters, residual total magnetic field and first vertical derivative of the magnetic field, and multisensor gamma ray spectrometric geophysical data.

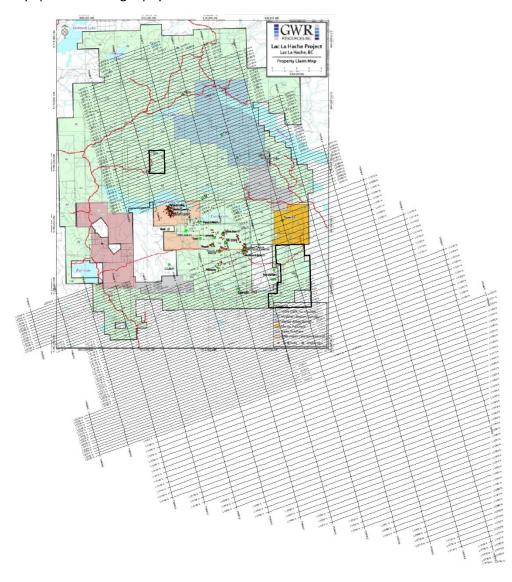


Figure 6 Regional Airborne Magnetic Map Survey Layout

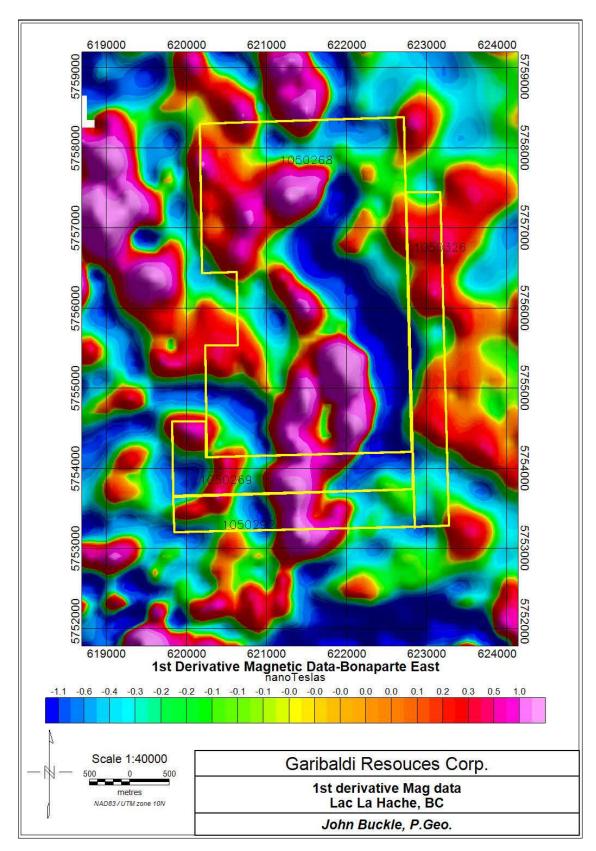


Figure 7 Colour 1st Derivative Magnetic Map

Induced Polarization Survey

From October 24 to November 9, 2017 a five man crew conducted an induced polarization survey on the Lac La Hache property using an ELREC Pro receiver coupled with a TIPIX 3000 transmitter and 7.5 kW motor generator. The lines were arranged in groups of two, each line separated by 100 meters. A dipole-dipole array with 50 meter 'a' spacing (dipole length) and readings from n=1 to n=8 for a nominal depth of observation of 200 meters. The data was compiled daily and e-mailed to the author for processing and interpretation. The survey was somewhat inhibited by snow and difficult bush. Eleven kilometers of data was collected over the property.

Interpretation of Induced Polarization survey

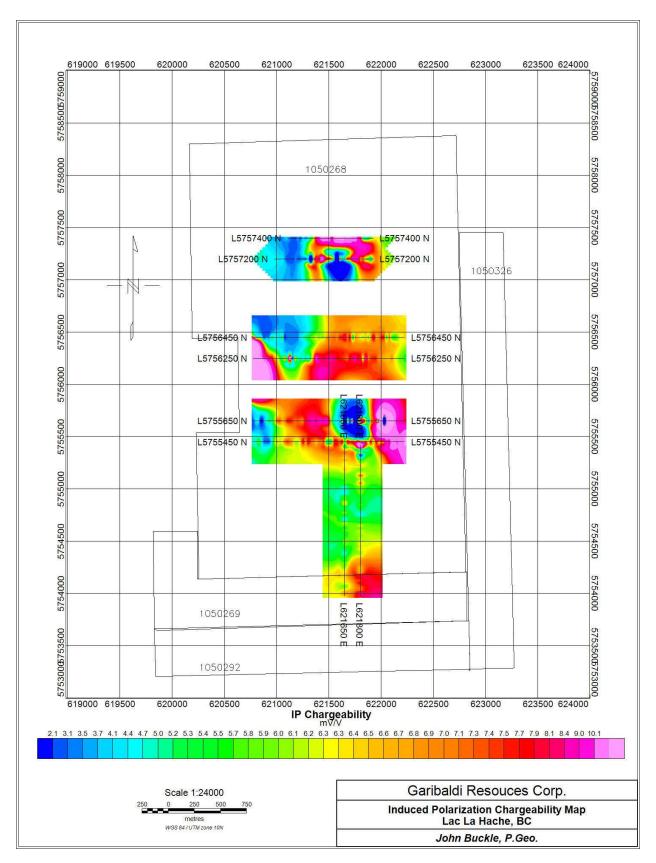


Figure 8 Chargeability Colour Plan Map of 2017 IP survey

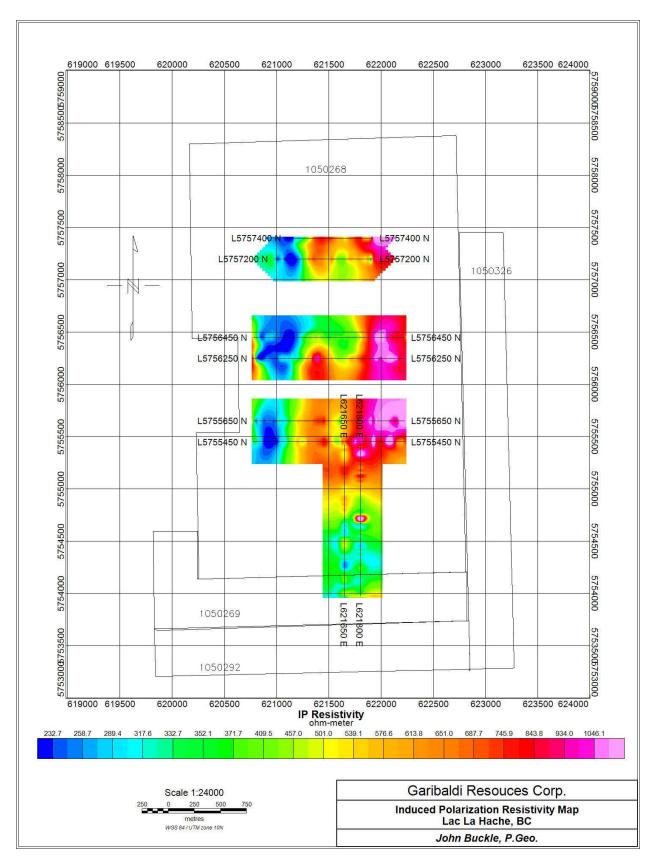


Figure 9 Colour Resistivity Plan Map of 2017 IP survey

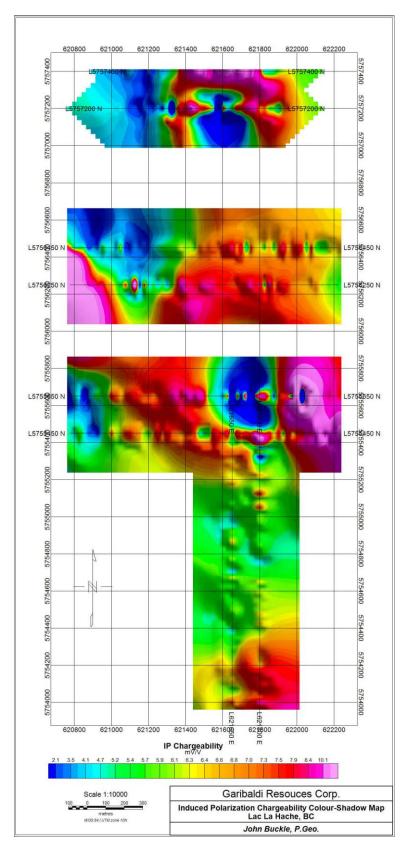


Figure 10 Shadow Chargeability Plan Map

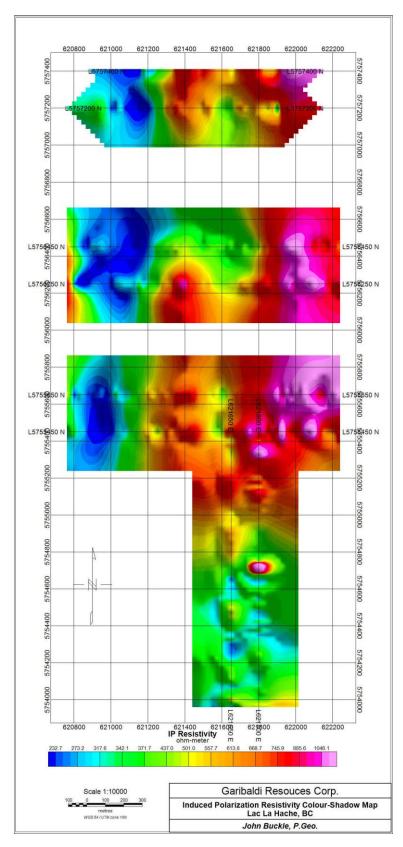


Figure 11 Shadow Resistivity Map

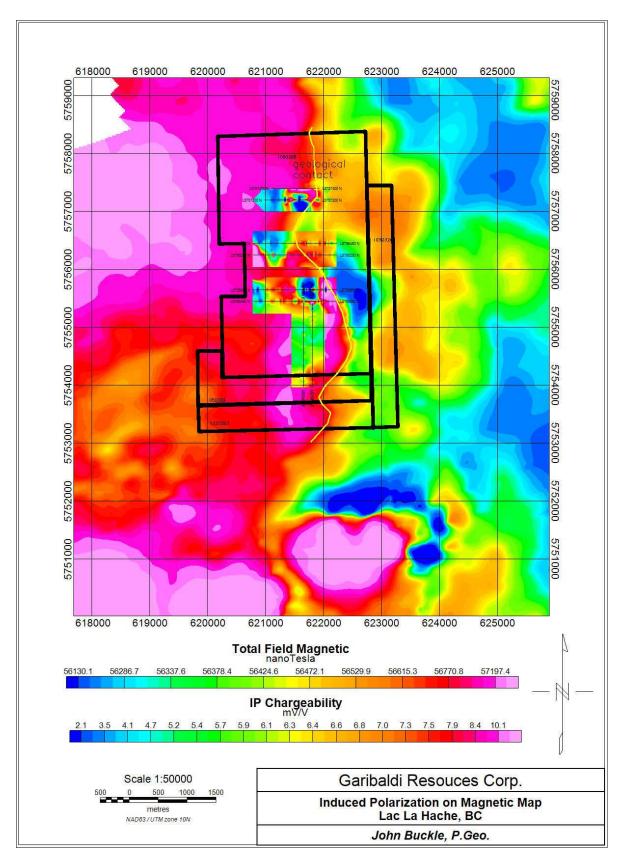


Figure 12 Lac La Hache IP work on Magnetometer Plan Map 2017

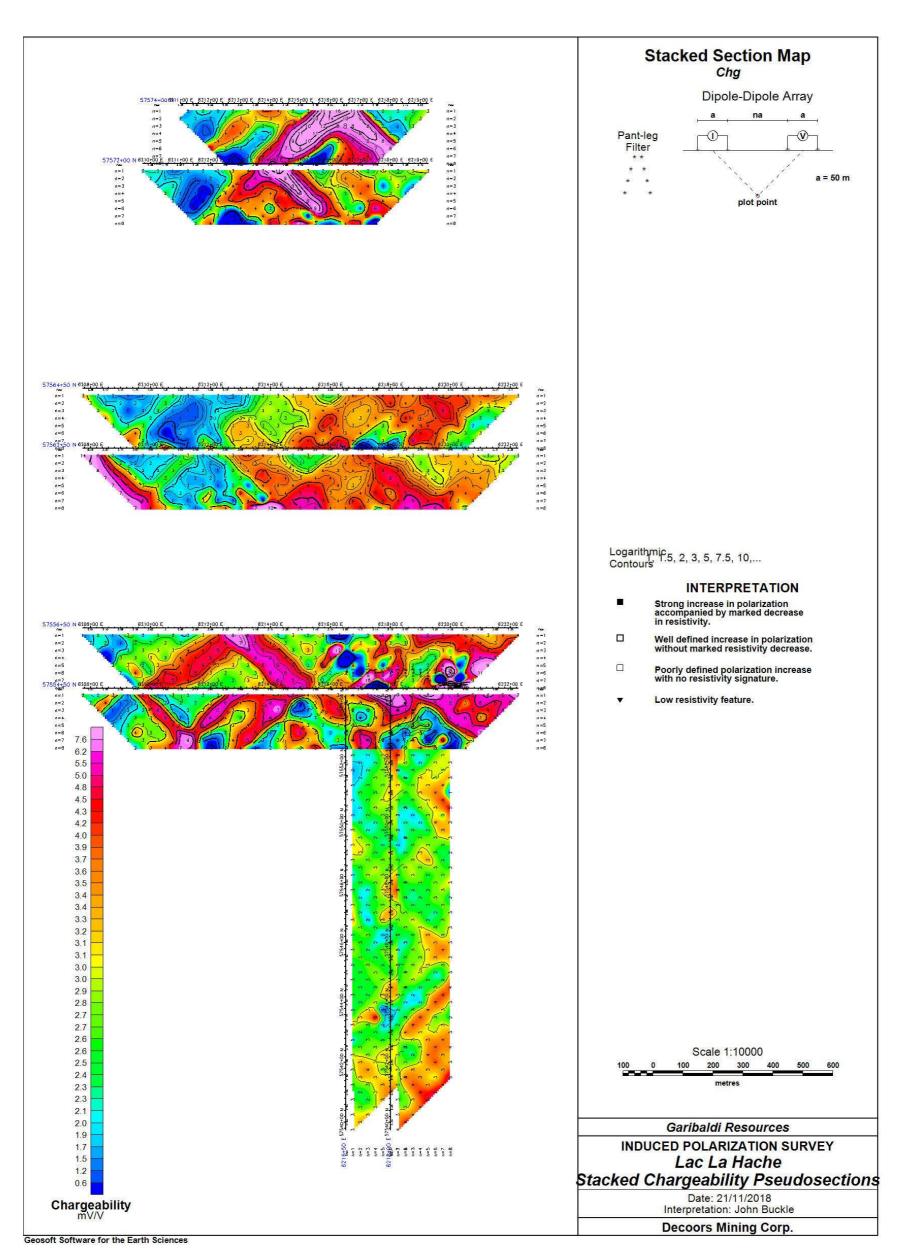


Figure 13 Chargeability Stacked $\,$ Pseudosections in $\,$ mV/V $\,$

North Lines

Anomaly A on the two north lines 5757400 and 5757200 appears to be a circular feature that shows on the chargeability and on the resistivity. The pseudosections show an anomaly at 621650 E on line 5747400 and 621450 E on line 5747200. This is a narrow vertical discontinuous anomaly at or near the contact of the Nicola Group volcanics and the Tamomkane batholith.

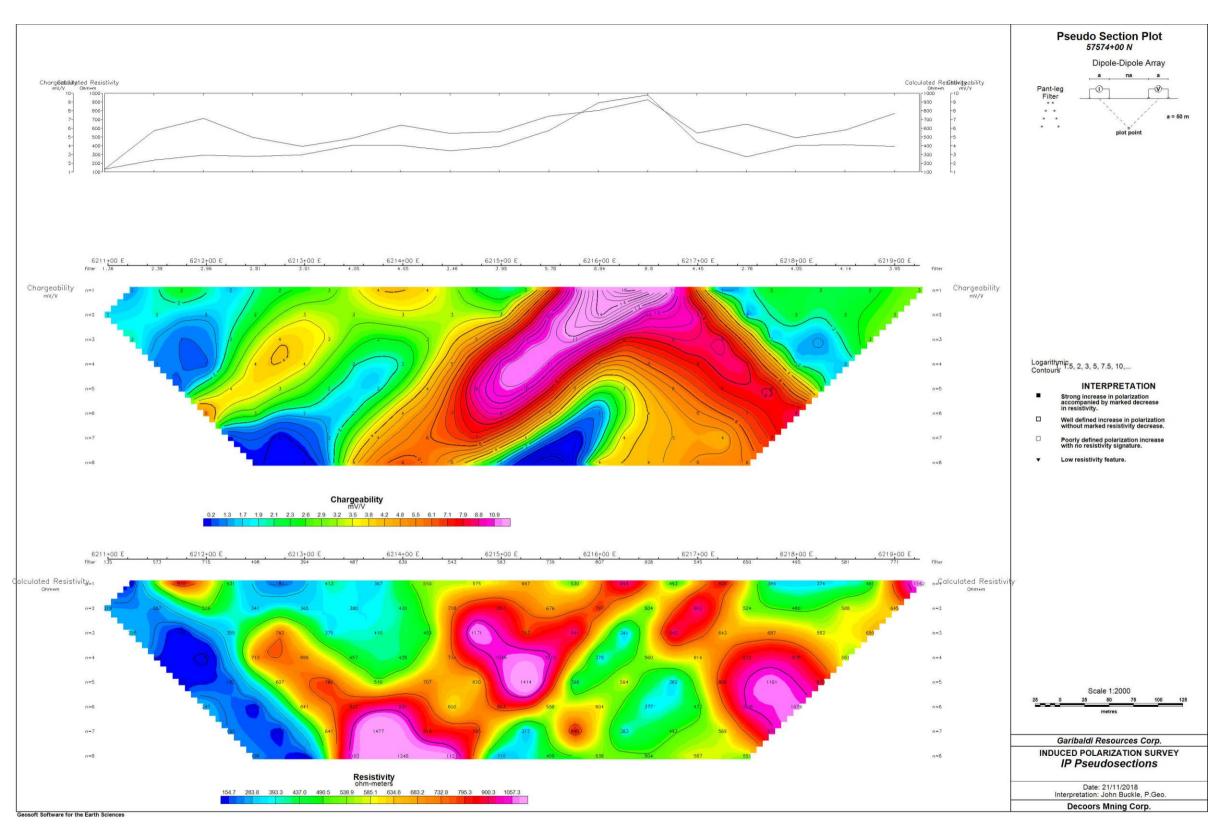


Figure 14 Anomaly A on the two north lines 5757400 and 5757200 appears to be a circular feature that shows on the chargeability and on the resistivity. The pseudosections show an anomaly at 621650 E on line 5747400 and 621450 E on line 5747200.

This is a narrow vertical discontinuous anomaly at or near the contact of the Nicola Group volcanics and the Tamomkane batholith.

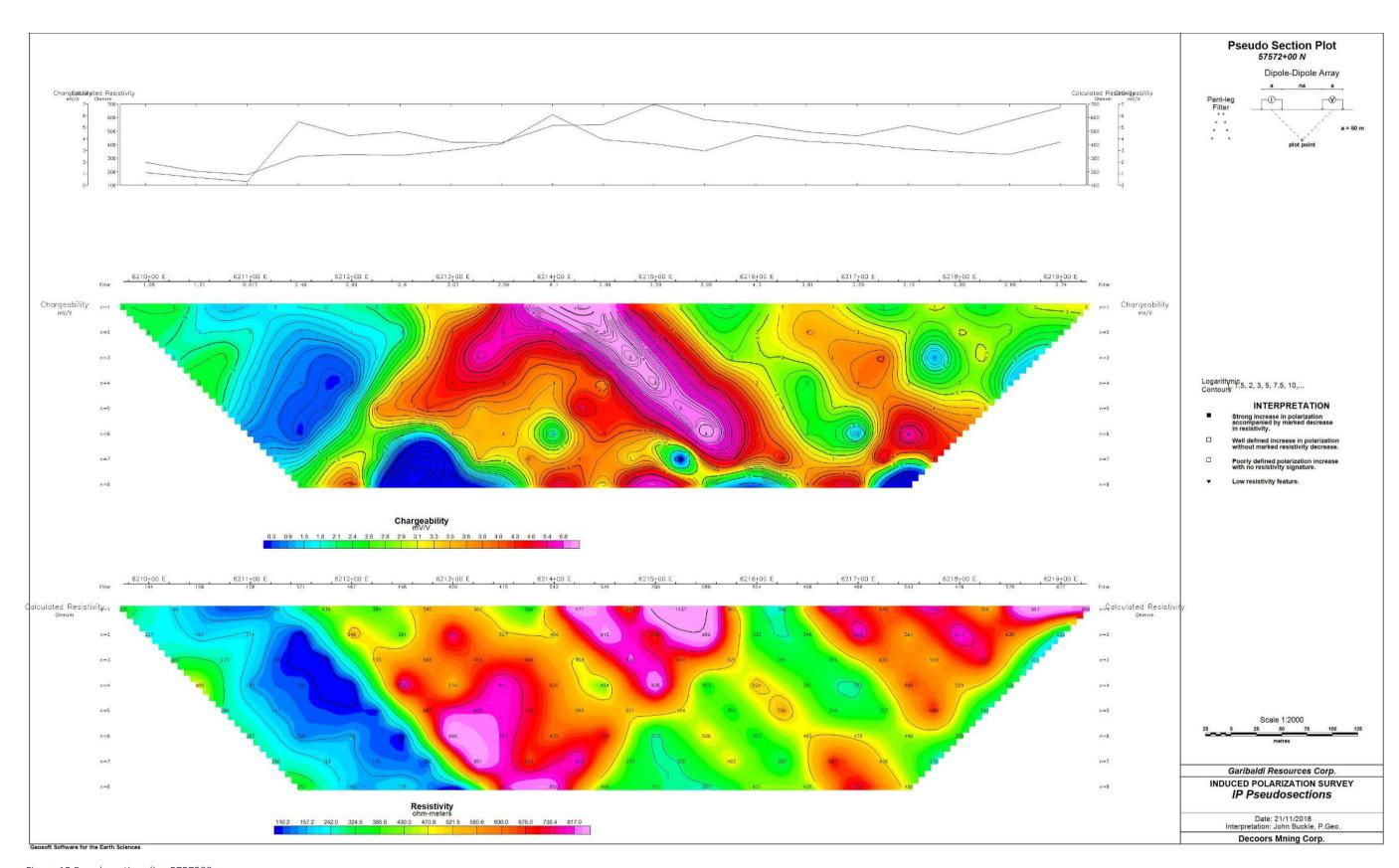


Figure 15 Pseudosections line 5757200

Centre Lines

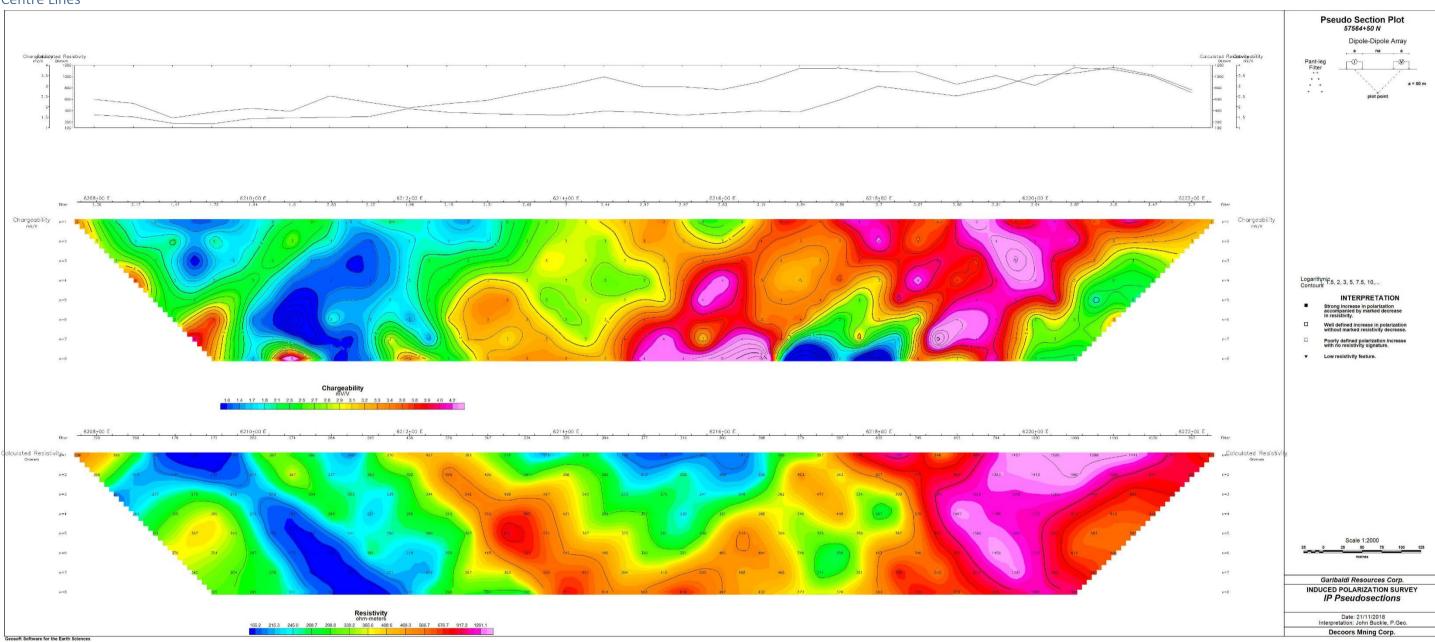


Figure 16 Pseudosection 576450

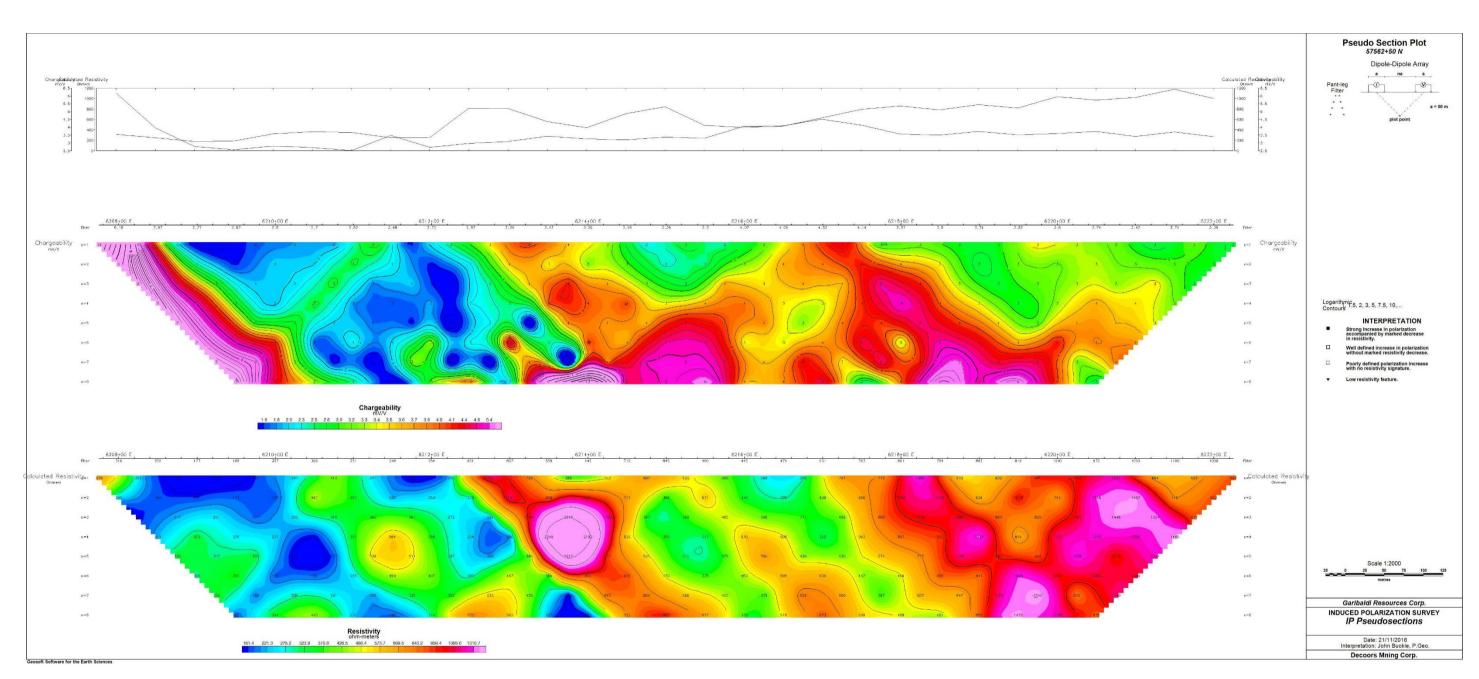


Figure 17 Pseudosection 576250



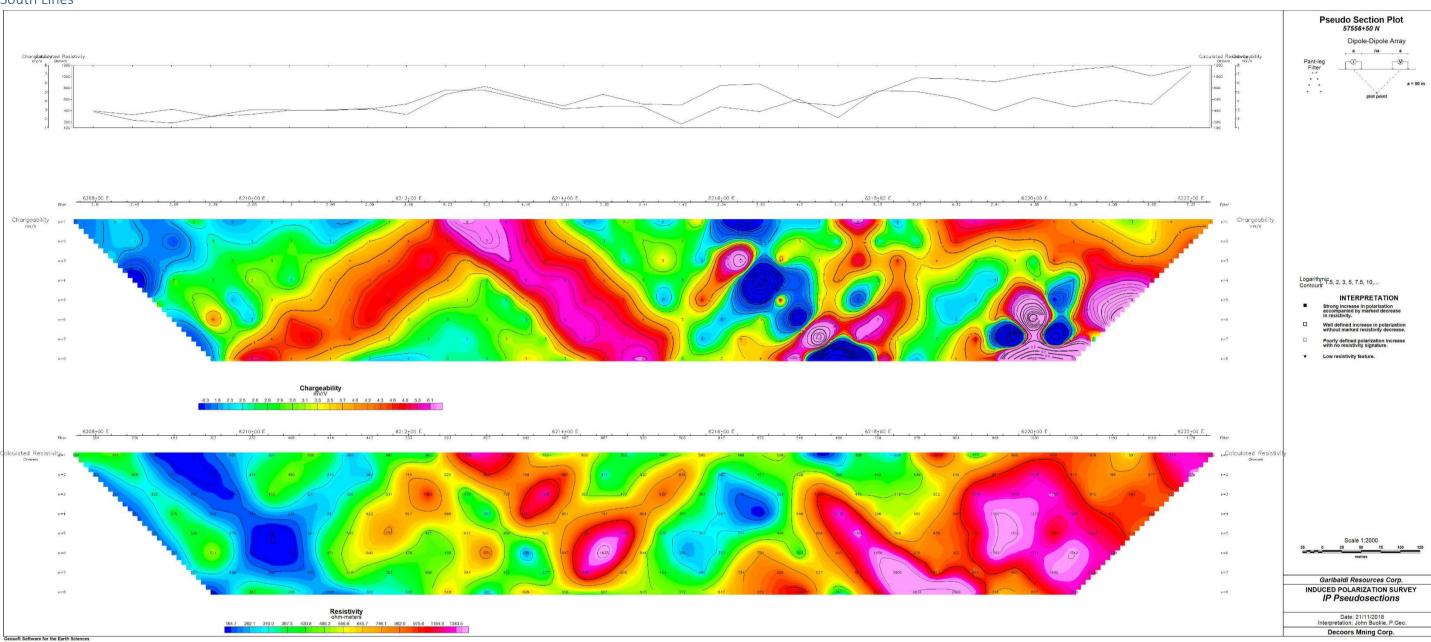


Figure 18 Pseudosection 5755650

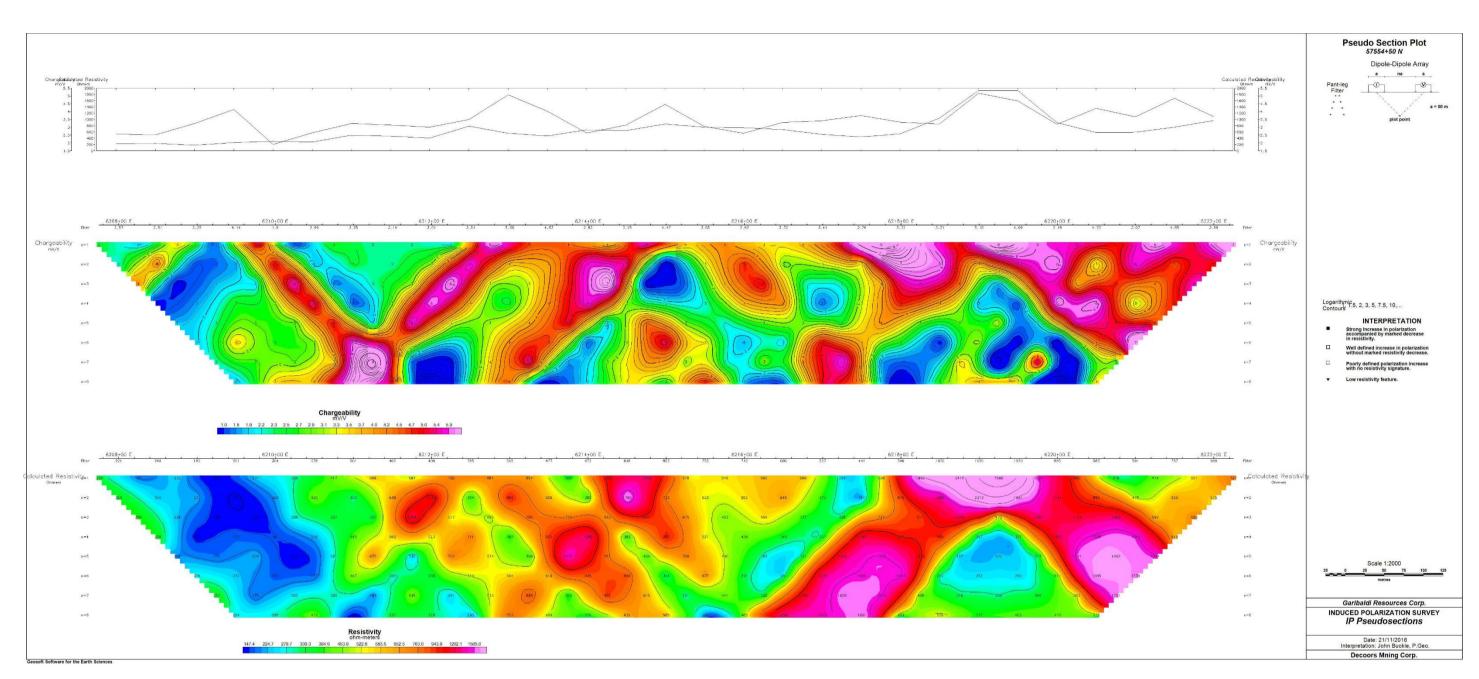
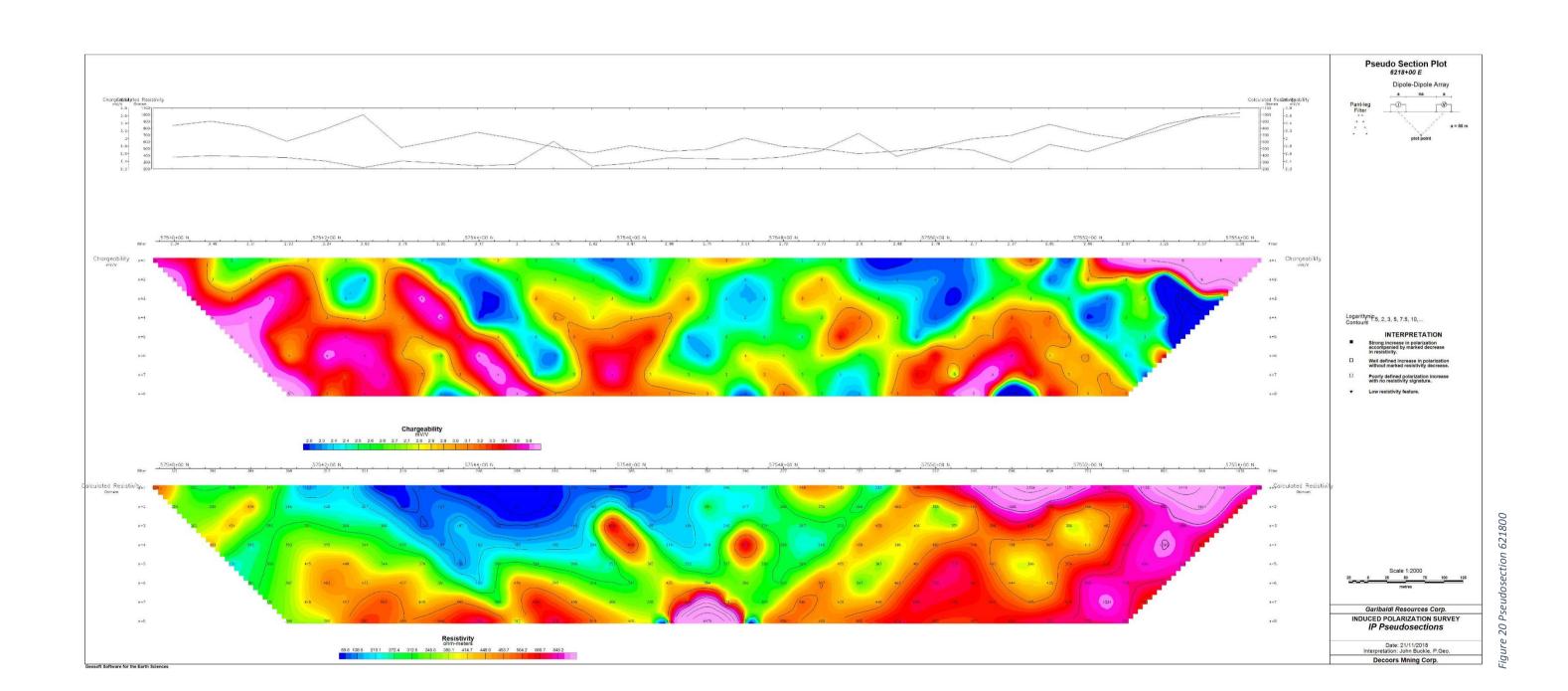


Figure 19 Pseudosections 5755450

North-south Lines



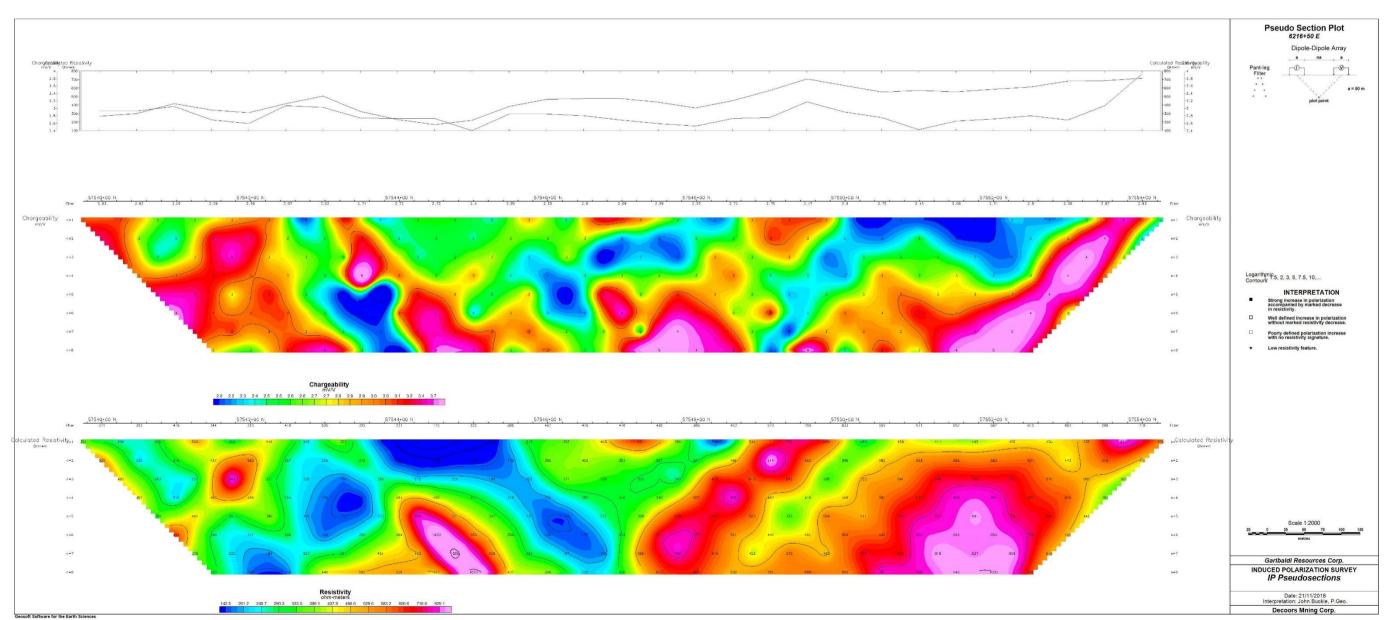


Figure 21 Pseudsection 621650

Conclusions and Recommendations

The chargeability readings are very low throughout the property. Readings of <10 mV/V are the majority.

The resistivity does seem to map the geological units very well.

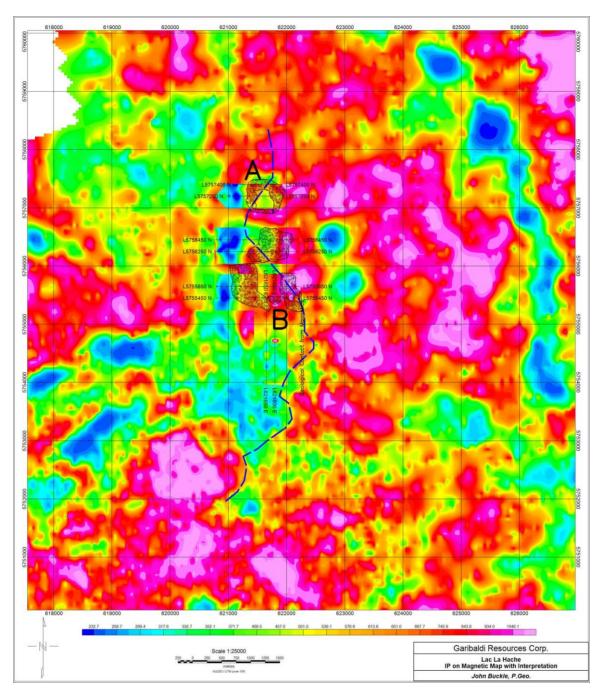
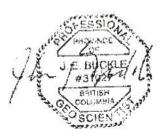


Figure 22 Interpretation Map

The magnetic data from the GWR survey matches the mapped geology very well, including a small, young (Quaternary?) basalt plug centred at 5755500N and 621500 E. The contact between the volcanic rocks to the east and the intrusive rocks to the west is clearly seen in all the datasets. A north-east trending sedimentary unit, described as volcaniclastic, is seen in the IP data as relatively featureless resistivity high and associated chargeability low. The IP anomaly A on the north lines 5757400 and 5757200 is potentially a target. The magnetic data indicates a coincident low. The chargeability is subvertical and appears to be relatively narrow and looks to lay on a geological contact. The roughly circular zone is similar to those of porphyry anomalies however, the very low chargeability does not support a mineralized intrusive. In section, target A may be a north-south fault with chargeable fault gauge. Anomaly B is a poorly defined anomaly and is likely the result of geological unit variation. The IP response is weak, poorly defined and aligns with a known geological contact. There are no ARIS reports from previous work on the property, except for the Tim showing which is on legacy claims and not part of the property. It looks very unlikely that there is a deposit on the property. If strong geochemical and/or geological evidence was available then there would be some rationale for continuing the work on this property. However, without further encouragement I would not recommend this property.



John Buckle, P.Geo.

Geological Solutions

Los Rosales, Bario El Recreo

Baños de Agua Santa, Tungurahua

Ecuador

Tel: 593 984 805931

Skype geosol2000

Expense Affidavit

The following expenditures were incurred in completion of the field work that is described in the accompanying technical report: Costs incurred in completion of the geophysical and sampling program have been applied as assessment work to maintain the mineral titles in good standing. Statements of Work have been filed as follows: Event Number and in the amount of \$

Table 2 Table of Expenditures

DeCoors Mining Corp.

BN # 827448473 RT0001

PO Box 31734 <u>decoors_mining@yahoo.com</u>
Whitehorse, Yukon 778-281-2811

Y1A 6L3

INVOICE

DATE: 25-04-2018

INVOICE #

FOR: DeCoors 2017 Work Program

BILL TO:

Garibaldi Resources Corp. Suite 1150 - 409 Granville Street Vancouver, BC V6C 1T2

Exploration Work type	Comment	Days	Totals

Personnel (Name)* / Position		Days	Rate	Subtotal*	GST (5%)
			\$		\$
Matt Fraser	LLH	17	350.00	\$ 5,950.00	297.50
			\$		\$
Ryan Dix	-	17	300.00	\$ 5,100.00	255.00
			\$		\$
Luke Wasylyshyn	-	17	300.00	\$ 5,100.00	255.00
			\$		\$
James Fraser	-	17	300.00	\$ 5,100.00	255.00

			\$		\$	
Thomas Testani	-	17		\$ 4,250.00	212.50	
John Buckle		8	\$ 500.00	\$ 4,000.00	\$ 200.00	
		93	\$	\$ 29,500.00	\$ 1,475.00	\$30,975.00
Data	Note	No.	Rate	Subtotal*		+ +
Interpretation and Reports						
Labs						
				\$ -	\$ -	\$0.00
Transportation	Note	No.	Rate	Subtotal*	GST (5%)	
Truck rental (1)	Ford F350 (\$100 per day)	17	\$ 100.00	\$ 1,700.00		
Airfare				\$ 1,718.12	\$ 85.91	
Helicopters				\$ 6,008.40	\$ 300.42	
ATV's						
				\$ 9,426.52	\$ 386.33	\$9,812.85
Accommodation & Food	Note	No.	Rate		GST (5%)	
Decoors Crew	Total Project Days (For 5 members) x \$150	85	\$ 150.00	\$ 12,750.00	\$ 637.50	
				\$ 12,750.00	\$ 637.50	\$13,387.50
Equipment Rentals		No.	Rate	Subtotal*	GST (5%)	
IP Equipment	days at \$1275 per day	17	\$ 1,275.00	\$ 21,675.00		
Niton Analyzer Rental - SN 30975	days at \$220 per day		\$ 220.00	\$ -		
				\$ 21,675.00	\$ -	\$21,675.00
Interp. and Report	days at \$500 per day	4.00	\$ 500.00	\$ 2,000.00		
				\$ 2,000.00		\$2,000.00
Gas	Note	No.	Rate	Subtotal*	GST (5%)	

Gas	days at \$20 per day	17	\$ 20.00	\$ 340.00	\$ 17.00	
				\$ 340.00	\$ 17.00	\$357.00

TOTAL Expenditures

SUBTOTAL	\$75,691.52
GST Applied	\$2,515.83
Total	\$78,207.35

STATEMENT OF QUALIFICATIONS

I, JOHN E. BUCKLE, do hereby certify that: I am registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of the Province of British Columbia #31027 (Geophysics). I am registered as a Professional Geoscientist with the Association of Profession Geoscientists of Ontario #0017.

I am a Consulting Geoscientist of Geological Solutions.

I further certify that:

I am a graduate of the York University (1980) and hold a B.Sc. degree in Earth Science.

I have been practicing my profession for the past 38 years and have been active in the mining industry for the past 45 years.

I am the author of this report entitled 'Assessment Report on An Induced Polarization Survey of the Lac La Hache Property, in the Lac La Hache area, west-central British Columbia Clinton Mining Division' written during the period of May 6 to May 10, 2018.

John Buckle, P.Geo. Geological Solutions,

Los Rosales, Bario El Recreo

Baños de Agua Santa, Tungurahua

Ecuador

Tel: 593 984 805931

e-mail geosol2000@gmail.com

References

- 1. Geology of the Timothy Lake Area, open file 2008-5
- 2. Bonaparte Lake East airborne geophysical survey: Bonaparte Lake Geophysical Survey NTS 92P and 93A

(GBC Maps 2007-3-1 to 9 and 2007-4-1 to 8 / GSC OF 5488 - 5504)

- 3. MINFILE Tim Showing, 092P 122
- 4. ARIS Report 25670
- 5. ARIS Report 20095