



Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Magnetic Inversion

TOTAL COST: \$850.00

AUTHOR(S): Walcott, A.

SIGNATURE(S): digital

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): Nov 24th-25th

YEAR OF WORK: 2019

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/ 5772356

DATE(S): _____

PROPERTY NAME: Wiz

CLAIM NAME(S) (on which the work was done): 514083

COMMODITIES SOUGHT: Copper, Gold, Silver

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092ISE063

MINING DIVISION: Nicola

NTS/BCGS: 92I/07

LATITUDE: 50 ° 20.12 ' _____ " LONGITUDE: 120 ° 51.79 ' _____ " (at centre of work)

OWNER(S):

1) Lepinski, John

2) _____

MAILING ADDRESS:

1000 Austin Ave,

Coquitlam, B.C., V3K 3P1

OPERATOR(S) [who paid for the work]:

1) As Aboce

2) _____

MAILING ADDRESS:

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 4043, 14978

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			
Magnetic	_____	_____	_____
Electromagnetic	_____	_____	_____
Induced Polarization	_____	_____	_____
Radiometric	_____	_____	_____
Seismic	_____	_____	_____
Other	_____	514083	\$850.00
Airborne		_____	_____
GEOCHEMICAL (number of samples analysed for...)			
Soil	_____	_____	_____
Silt	_____	_____	_____
Rock	_____	_____	_____
Other	_____	_____	_____
DRILLING (total metres; number of holes, size)			
Core	_____	_____	_____
Non-core	_____	_____	_____
RELATED TECHNICAL			
Sampling/assaying	_____	_____	_____
Petrographic	_____	_____	_____
Mineralographic	_____	_____	_____
Metallurgic	_____	_____	_____
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)	_____	_____	_____
Topographic/Photogrammetric (scale, area)	_____	_____	_____
Legal surveys (scale, area)	_____	_____	_____
Road, local access (kilometres)/trail	_____	_____	_____
Trench (metres)	_____	_____	_____
Underground dev. (metres)	_____	_____	_____
Other	_____	_____	_____
		TOTAL COST:	\$850.00

Mineral Titles Online Viewer

Exploration and Development Work / Expiry Date Change Event Detail

Event Number ID	5772356
Recorded Date	2020/jan/30
Work Type	Technical Work (T)
Technical Items	Geophysical (P), PAC Withdrawal (up to 30% of technical work required) (W3)
Work Start Date	2019/nov/24
Work Stop Date	2019/nov/25
Total Value of Work	\$ 600.00
Mine Permit Number	

Summary of the work value:

Title Numbers	514083
Claim Name/Property	
Issue Date	2005/jun/07
Work Performed Index	Y
Old Good To Date	2020/jan/30
New Good To Date	2020/may/30
Numbers of Days Forward	121
Area in Ha	123.75
Applied Work Value	\$ 818.22
Submission Fee	\$ 0.00

Financial Summary:

Total Applied Work Value:	\$ 818.22
PAC name	Robak Industries
Debited PAC amount	\$ 218.22
Credited PAC amount	\$
Total Submission Fees	\$ 0.00
Total Paid	\$ 0.00

Related Summary:

EVENT 5772356
AN ASSESSMENT REPORT
ON
3D MAGNETIC MODELLING
WIZ PROPERTY
MERRIT AREA, BRITISH COLUMBIA

NICOLA M.D.
50° 20.12'N, 120° 51.79'W
NTS 92I/ 07

Claims: 514083

Work Dates: November 24-25th, 2019

FOR
JOHN LEPINSKI
COQUITLAM, BRITISH COLUMBIA

BY
ALEX WALCOTT, B. Sc.
PETER E. WALCOTT, P. Eng.

PETER E. WALCOTT & ASSOCIATES LIMITED
Coquitlam, British Columbia

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APPENDIX I

Cost of Project
 Personnel Employed on Survey
 Certification

ACCOMPANYING MAPS

Claim Location Map	Scale 1:5,000
Contours of Total Field Intensity (nT)	Scale 1: 5,000
3D Modelled Magnetic Susceptibility – Level 1300 m , 1100 m	Scale 1: 5,000

INTRODUCTION.

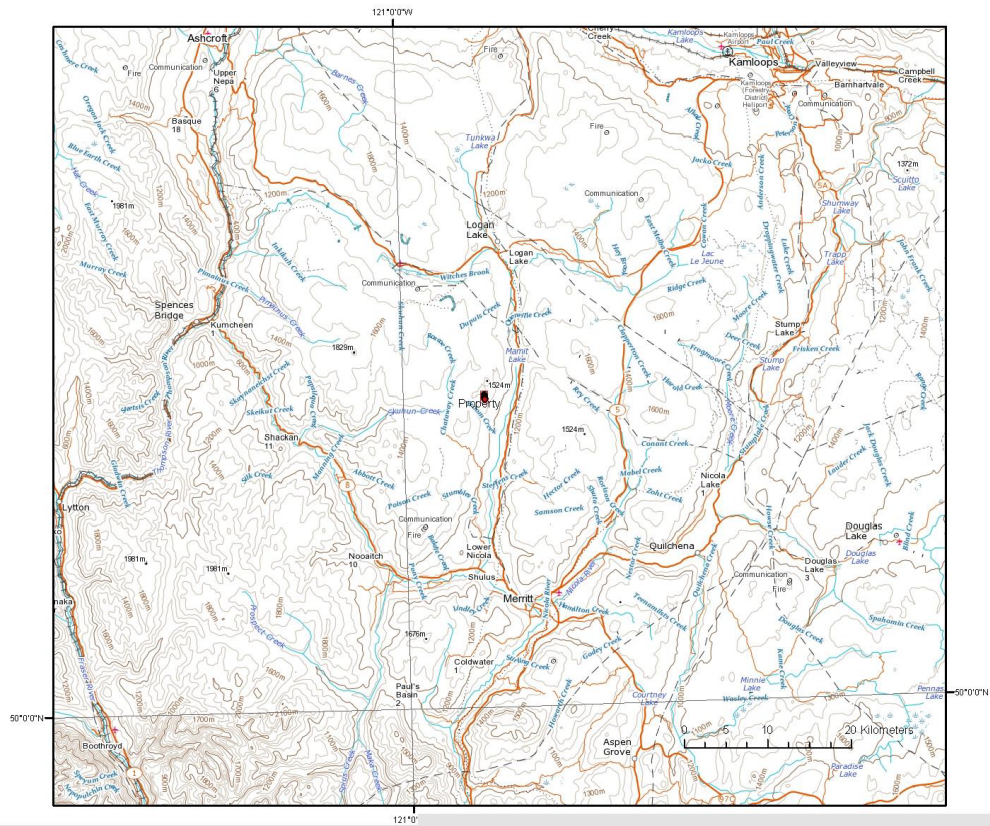
Between November 24th and 25th, 2019 Peter E. Walcott & Associates Limited undertook 3D magnetic modelling on ground magnetic data collected over the Wiz property for John B. Lepinski.

A 3D inversion was carried out utilizing some 14 line kilometers of ground magnetic data collected in 2017 over the Wiz property.

PROPERTY LOCATION AND ACCESS

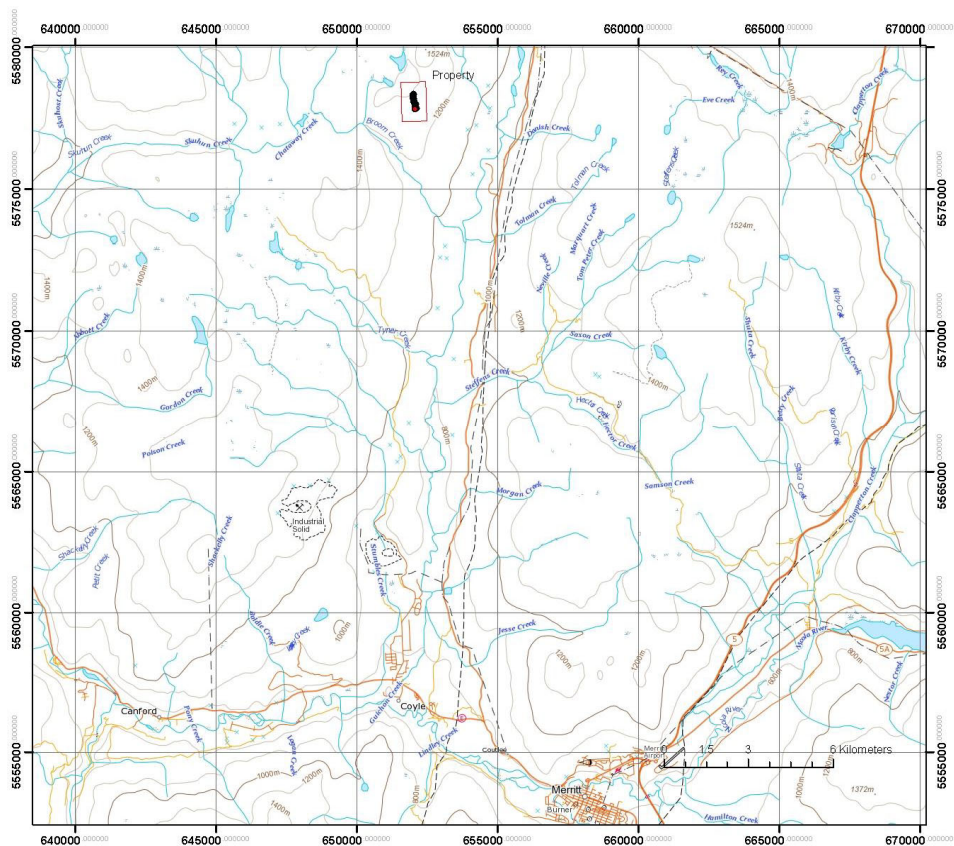
The Wiz property is located some 24 kilometres north of the community of Merritt, British Columbia.

Access to the core of the property is obtained from Merritt, BC via highway 8 and the Aberdeen FSR and then utilizing a network of resources roads.



Property Location Map

PROPERTY LOCATION AND ACCESS con't



Line and Property Claim Location Map

PREVIOUS WORK.

The property and surrounding areas has been the subject of numerous exploration campaigns over the past 100 years.

Well documented exploration programs conducted over the property have consisted of prospecting, geological mapping, geochemical samples, geophysics, and diamond drilling.

The author would refer the reader to the BC Ministry of Energy and Mines – Assessment Report Indexing System (ARIS) <http://www.empr.gov.bc.ca/mining/geoscience/aris> for the historic public reports.

REGIONAL & PROPERTY GEOLOGY

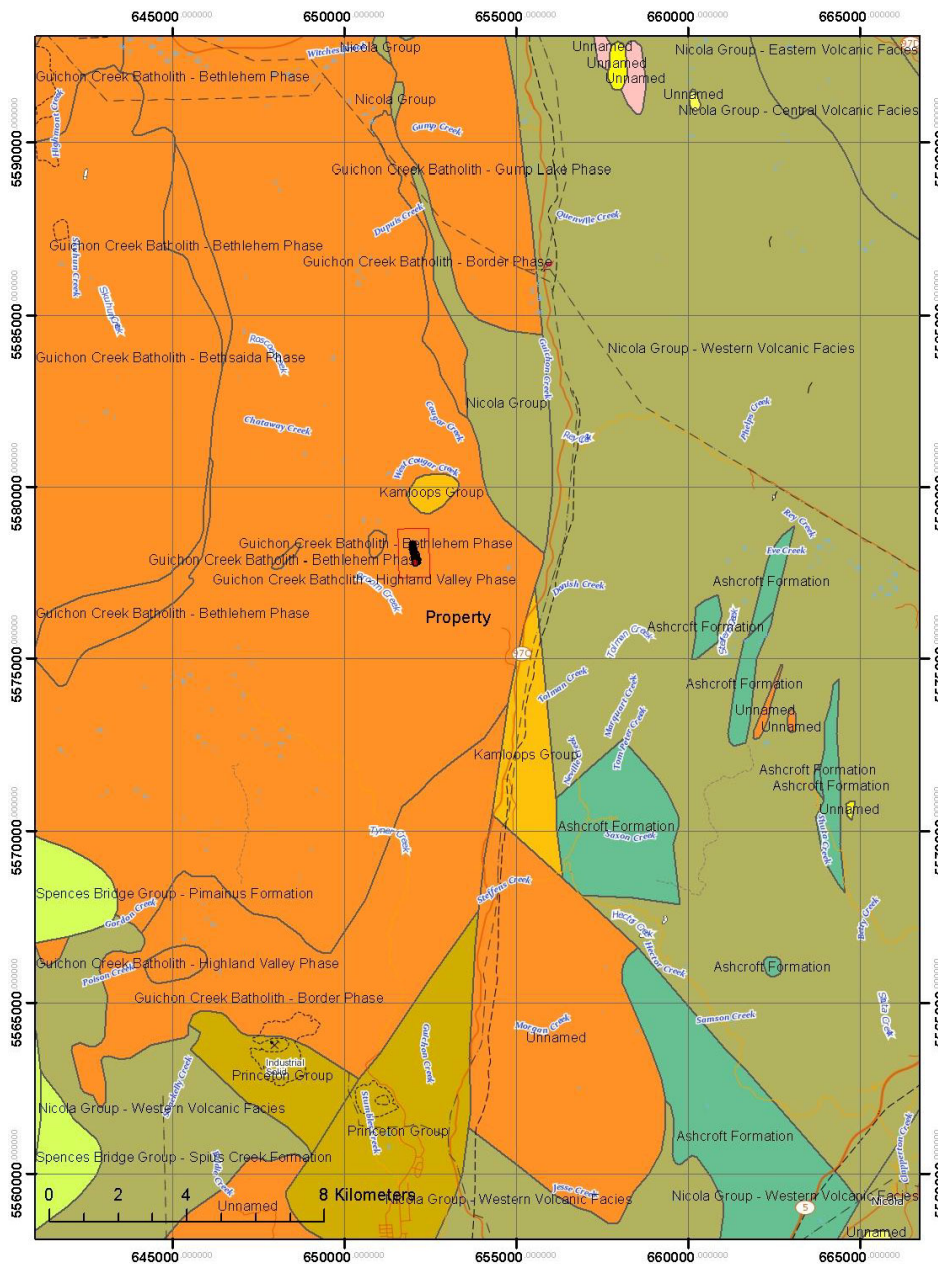
The area in which the property is proximal to the south eastern extent of the Guichon Batholith. The area is dominantly underlain by Triassic to Jurassic age granodiorite to diorite intrusive rocks.

The core of the claim is underlain by a quartz diorite unit similar to that of the Witches Brook Variety.

Mineralization on the claim is associated with a north-trending shear zones, which host a number of significant copper intercepts as defined by historic surface, and drillhole sampling.

In addition to copper mineralization a number of significant gold and silver assays have also been noted. For further information please see Minfile 092ISE063 (Wiz).

REGIONAL & PROPERTY GEOLOGY con't



General Geology

PURPOSE.

The purpose of the project was to attempt to gain additional insight into the data by applying 3D inversion techniques.

HISTORIC SURVEY SPECIFICATIONS & MODELLING.

Magnetic Survey.

The magnetic survey was conducted using a GSM-19 Overhauser rover magnetometer equipped with GPS guidance along with a GSM-19 proton precession base magnetometer, both manufactured by GEM Instruments of Richmond Hill, Ontario.

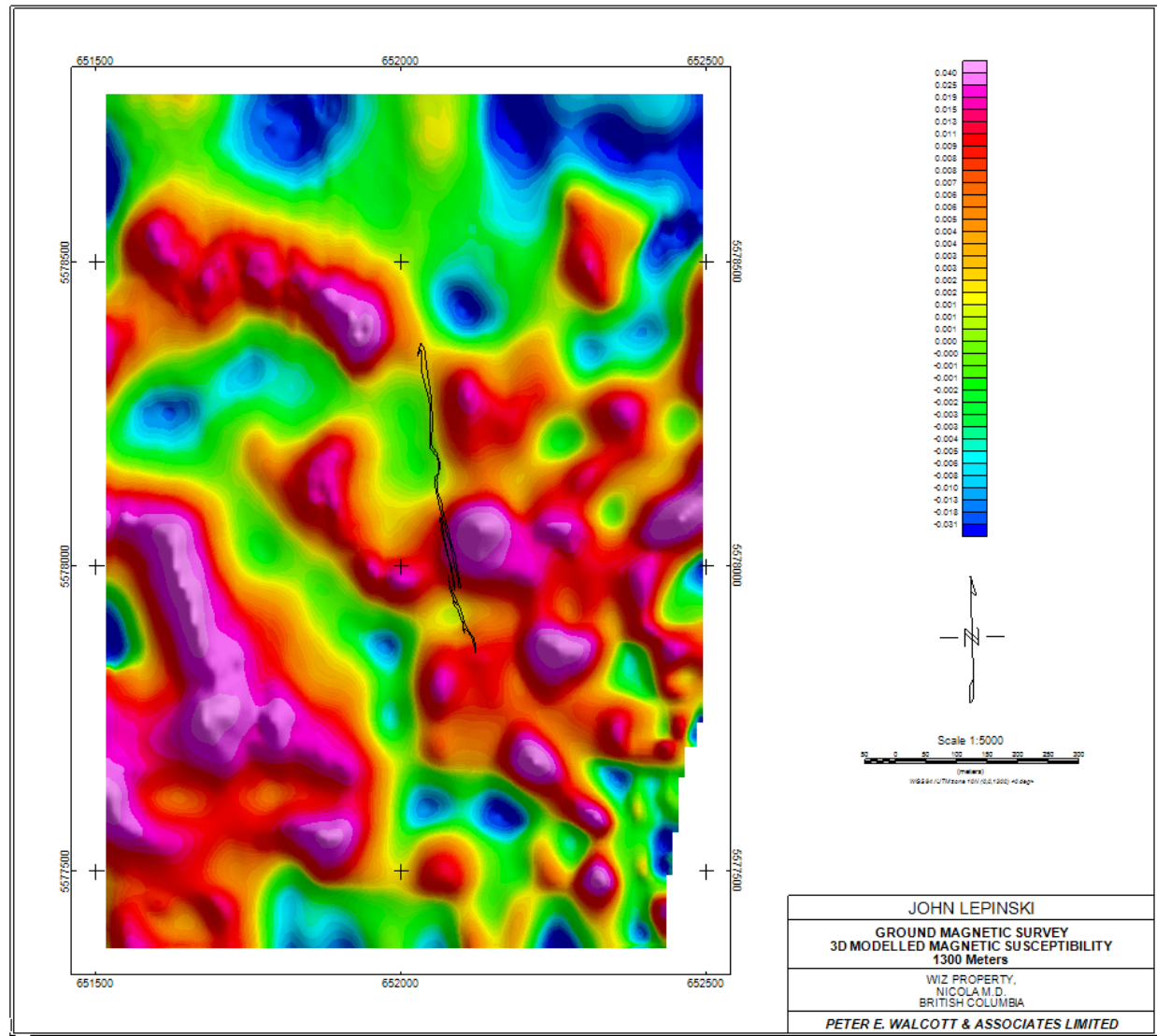
These instruments measure variations in the total intensity of the earth's magnetic field to an accuracy of plus or minus one nanotesla.

3D Modelling

3D Inversion of the ground magnetic data was carried out using Geosoft Voxi modelling code. Elevation for the area was obtained from BC Trim Data. Both conventional and magnetic vector inversion were carried out with only the former presented.

DISCUSSION OF RESULTS.

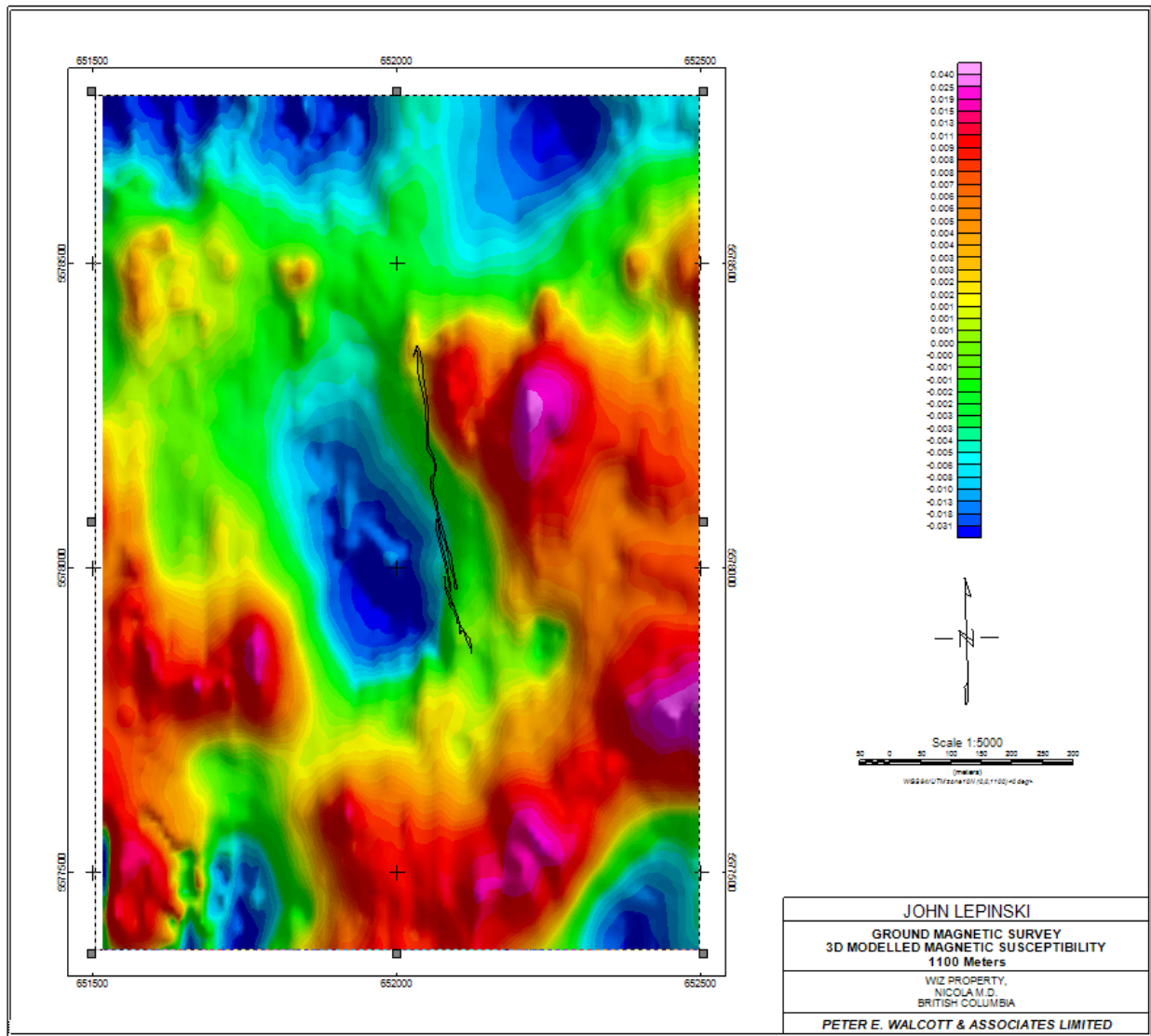
The results of the 3D inversion show a several features of potential interest. Two dominant trends can be readily identified; a north-south trend, associated with the known mineralization and a north-northwesterly trend.



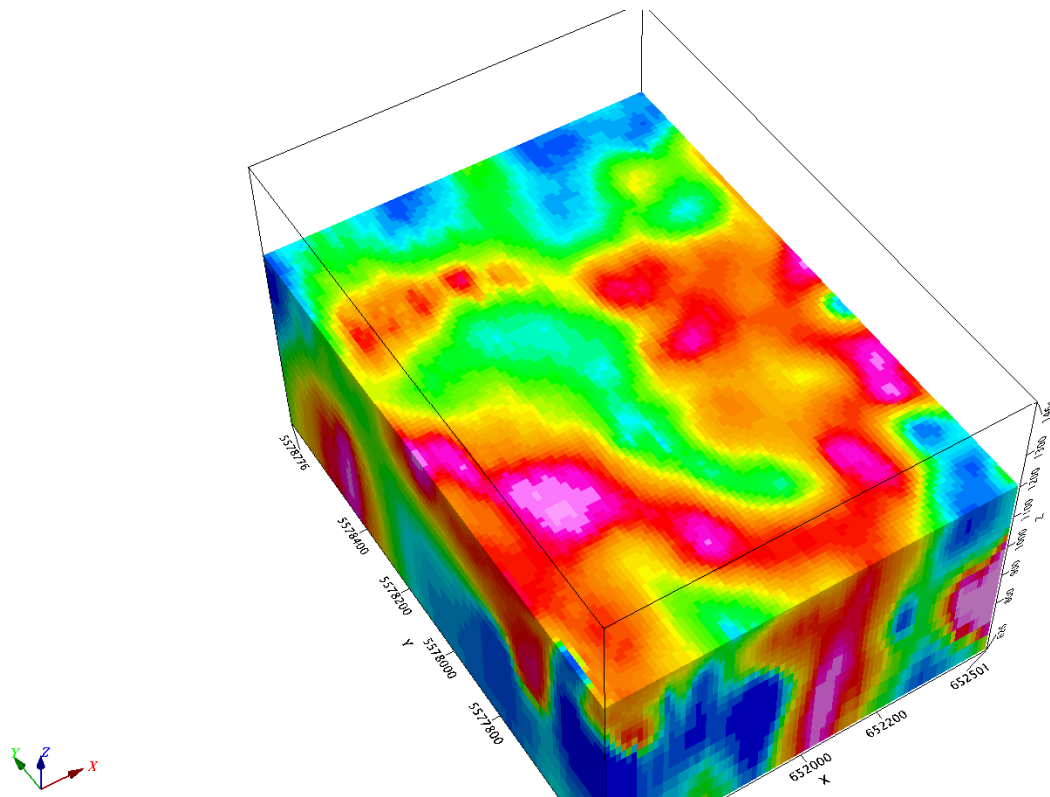
3D Modelled Susceptibility – 1300 ms

DISCUSSION OF RESULTS cont'd.

Immediately to the west of the know mineralized zone a large zone of reduced magnetic susceptibility can be readily observed at depth. This feature may of potential interested given the proximity to mineralization.



3D Modelled Susceptibility – 1300 ms



3D View of Modelled Susceptibility – 1300 meters

SUMMARY, CONCLUSIONS & RECOMMENDATIONS.

Between November 24th and 25th, 2019, Peter E. Walcott & Associates Limited undertook 3D magnetic modelling on ground magnetic data collected over the Wiz property for John B. Lepinski.

The inversion project was designed to attempt to utilize 3D inversion to gain additional insight for future exploration.

The results of the inversion identified a discrete zone of reduced magnetics proximal to the main mineralized zone.

Additional work in forms of deep penetrating induced polarization should be undertaken across the width of the property, centering over this feature.

Respectfully submitted,

PETER E. WALCOTT & ASSOCIATES LTD.

**Alexander Walcott, B.Sc.
Geophysicist**

**Coquitlam, B.C.
May 2020**

APPENDIX I

COST OF PROJECT.

Peter E. Walcott & Associates Limited undertook project on a fix cost of \$600.00, and an additional \$250.00 for reporting. Thus, the total cost of the project was \$850.00.

PERSONNEL EMPLOYED.

Name	Occupation	Address	Dates
Alex Walcott	Geophysicist	Unit 111- 17 Fawcett Rd. Coquitlam, B.C. V3K 6V2	

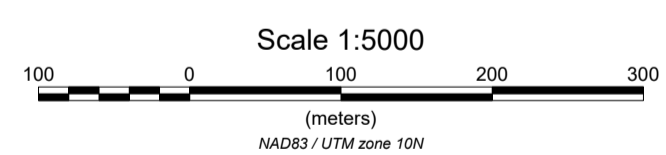
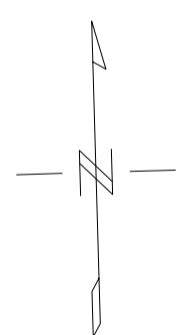
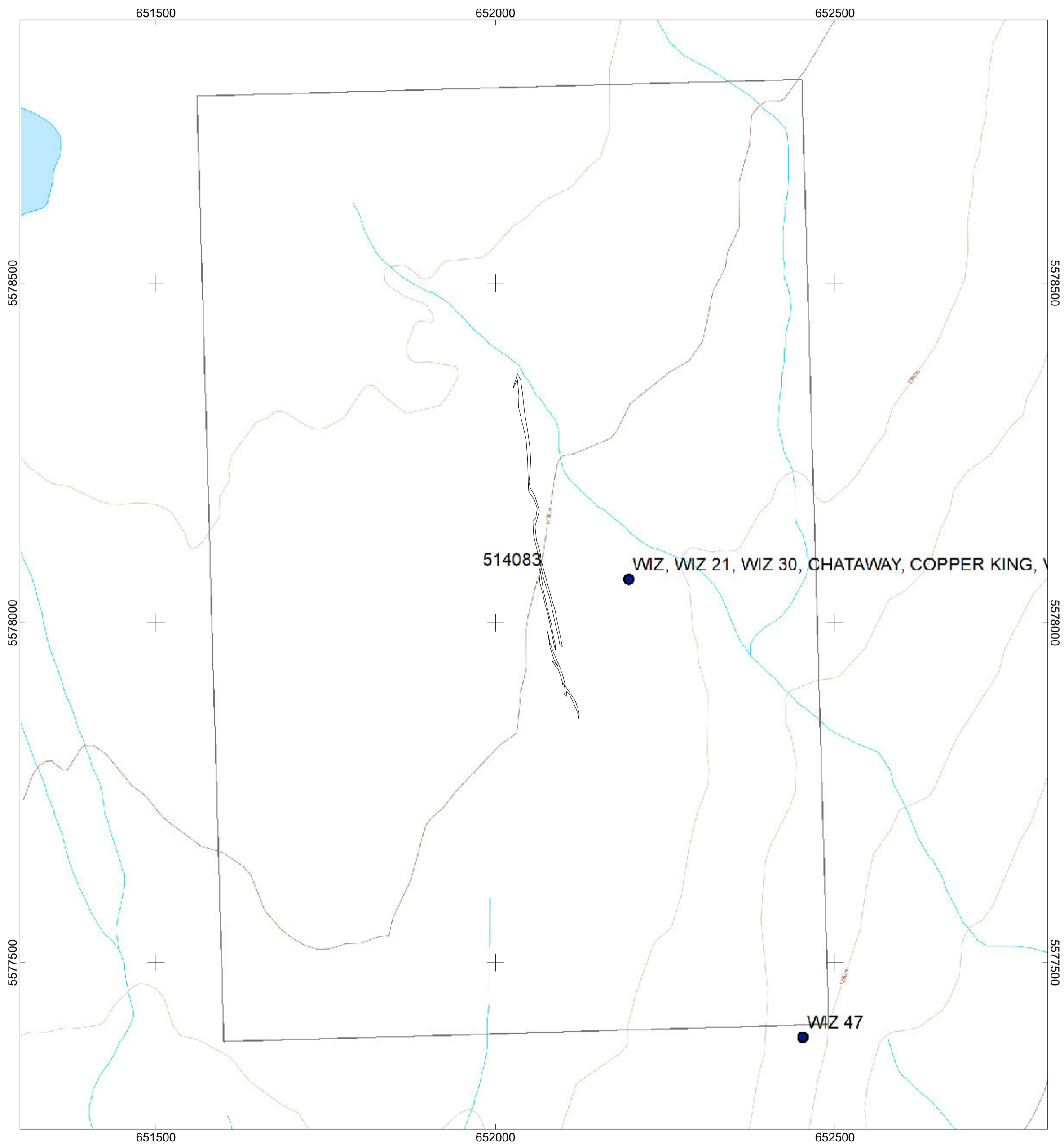
CERTIFICATION.

I, Alexander Walcott, of 38-181 Ravine Dr., Port Moody, British Columbia, hereby certify that:

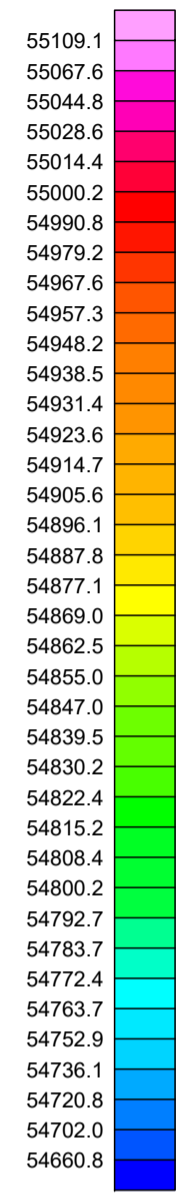
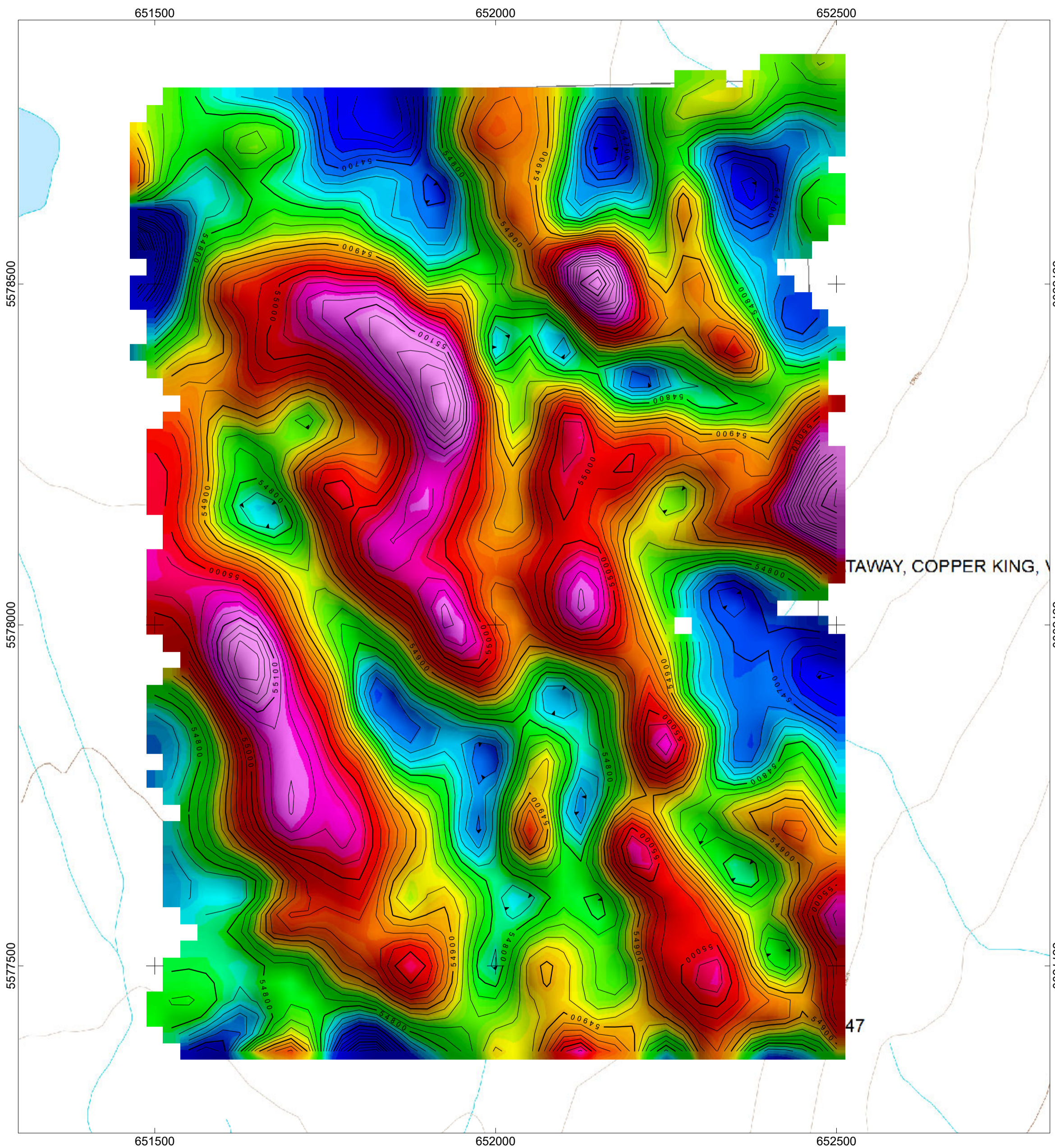
1. I am a graduate of the University of Alberta with a B.Sc. Earth Sciences Major, with a Physics Minor.
2. I have been active in mineral exploration for the past 22 years.
3. I am currently employed by Peter E. Walcott & Associates Limited.

Alexander Walcott, B.Sc.

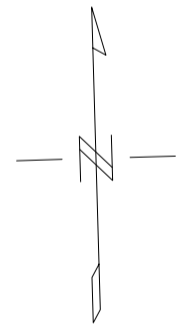
**Coquitlam, B.C.
May 2020**



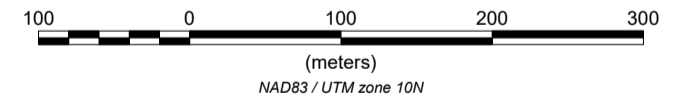
JOHN LEPINSKI
CLAIM AND LINE LOCATION MAP
WIZ PROPERTY, NICOLA M.D. BRITISH COLUMBIA
PETER E. WALCOTT & ASSOCIATES LIMITED



nT

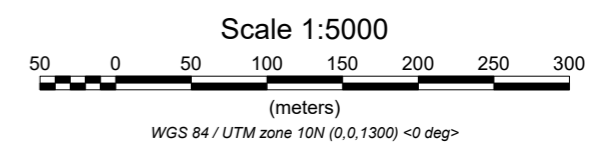
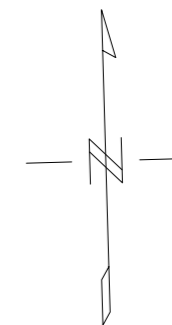
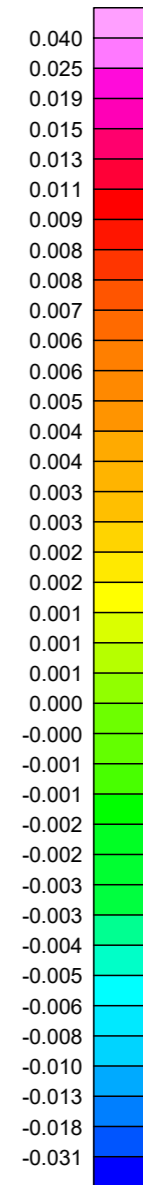
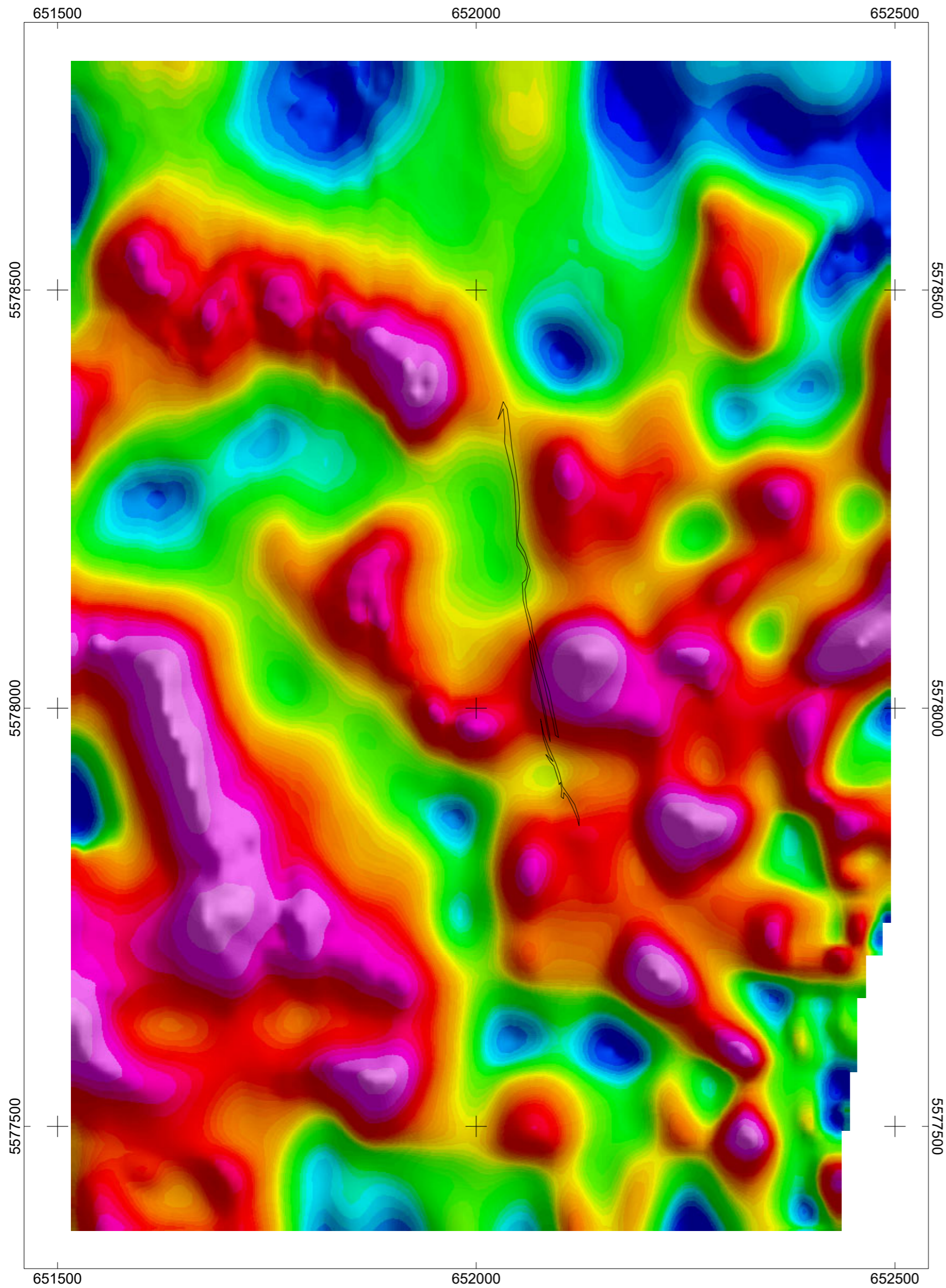


Scale 1:5000

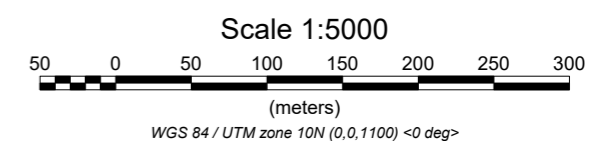
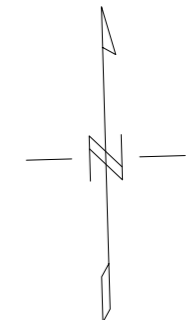
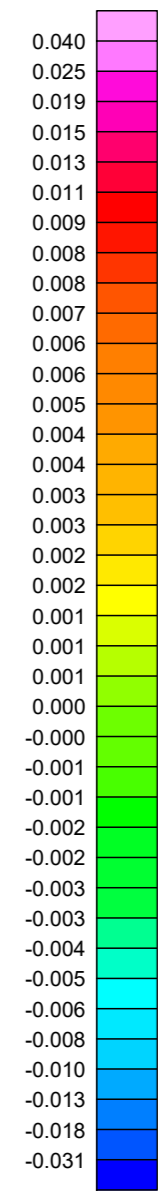
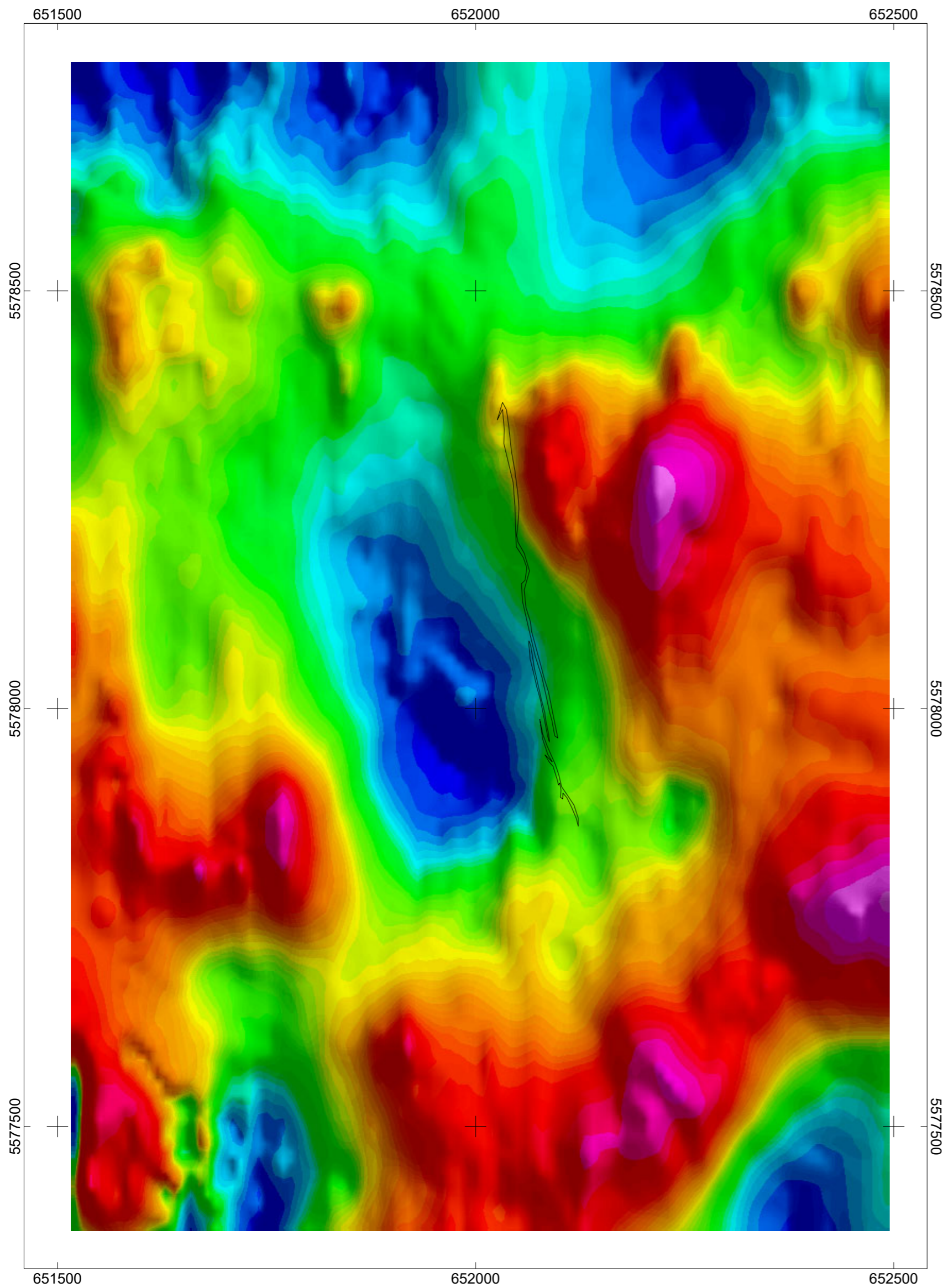


(meters)
NAD83 / UTM zone 10N

<p>JOHN LEPINSKI</p>
<p>GROUND MAGNETIC SURVEY CLAIM AND LINE LOCATION MAP</p>
<p>WIZ PROPERTY, NICOLA M.D. BRITISH COLUMBIA</p>
<p>PETER E. WALCOTT & ASSOCIATES LIMITED</p>



JOHN LEPINSKI
GROUND MAGNETIC SURVEY 3D MODELLED MAGNETIC SUSCEPTIBILITY 1300 Meters
WIZ PROPERTY, NICOLA M.D. BRITISH COLUMBIA
PETER E. WALCOTT & ASSOCIATES LIMITED



JOHN LEPINSKI
GROUND MAGNETIC SURVEY 3D MODELLED MAGNETIC SUSCEPTIBILITY 1100 Meters
WIZ PROPERTY, NICOLA M.D. BRITISH COLUMBIA
PETER E. WALCOTT & ASSOCIATES LIMITED