

**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)]: Airborne Magnetic

TOTAL COST: 56,495.44

AUTHOR(S): Walcott A, Walcott P. SIGNATURE(S): \_\_\_\_\_

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): March 18th -21st YEAR OF WORK: 2017

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5645323

PROPERTY NAME: Getty

CLAIM NAME(S) (on which the work was done): 1050822,1050823,1050826,1050025,1050026,332395

COMMODITIES SOUGHT: Cu, Mo, Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092INE052,117,135,111,092INW029,005,011,053,030

MINING DIVISION: Kamloops NTS/BCGS: NTS 92I/ 10 & 11

LATITUDE: 50 ° 33 ' \_\_\_\_\_ " LONGITUDE: 121 ° 02 ' \_\_\_\_\_ " (at centre of work)

OWNER(S):  
1) GETTY COPPER INC. 2) \_\_\_\_\_

MAILING ADDRESS:  
1000 Austin Ave V3K 3P1  
Coquitlam, BC

OPERATOR(S) [who paid for the work]:  
1) Getty Copper Inc. 2) \_\_\_\_\_

MAILING ADDRESS:  
\_\_\_\_\_  
\_\_\_\_\_

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):  
Triassic, Guichon Batholith, Nicola Group, Granodiorites, Chalcopyrite, Bornite, Kamloops Group, Quartz diorites, Andesites, Br

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 28084,28072,24692,32370,24476,35576

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping	_____	_____	_____
Photo interpretation	_____	_____	_____
<b>GEOPHYSICAL (line-kilometres)</b>			
<b>Ground</b>			
Magnetic	_____	_____	_____
Electromagnetic	_____	_____	_____
Induced Polarization	_____	_____	_____
Radiometric	_____	_____	_____
Seismic	_____	_____	_____
Other	_____	_____	_____
Airborne Magnetic 699		1050822,1050823,1050826,1050026,1050027	56,495.44
<b>GEOCHEMICAL (number of samples analysed for...)</b>			
Soil	_____	_____	_____
Silt	_____	_____	_____
Rock	_____	_____	_____
Other	_____	_____	_____
<b>DRILLING (total metres; number of holes, size)</b>			
Core	_____	_____	_____
Non-core	_____	_____	_____
<b>RELATED TECHNICAL</b>			
Sampling/assaying	_____	_____	_____
Petrographic	_____	_____	_____
Mineralographic	_____	_____	_____
Metallurgic	_____	_____	_____
<b>PROSPECTING (scale, area)</b>			
<b>PREPARATORY / PHYSICAL</b>			
Line/grid (kilometres)	_____	_____	_____
Topographic/Photogrammetric (scale, area)	_____	_____	_____
Legal surveys (scale, area)	_____	_____	_____
Road, local access (kilometres)/trail	_____	_____	_____
Trench (metres)	_____	_____	_____
Underground dev. (metres)	_____	_____	_____
Other	_____	_____	_____
		<b>TOTAL COST:</b>	<b>56,495.44</b>

**EVENT #5645323  
AN ASSESSMENT REPORT  
ON  
A HELIBORNE MAGNETIC SURVEY  
GETTY PROPERTY  
LOGAN LAKE AREA, BRITISH COLUMBIA  
KAMLOOPS M.D.  
50° 33'N, 121° 02'W  
NTS 92I/ 10 & 11**

**Claims: 352941,332395,759802,347448,412799,412800,519237,543766,  
519232,759702,1050816,1049939,104940,1050818,1050819-1050831,  
1050822,1050823,1050025,1050026**

**Work Dates: March 18<sup>th</sup> -21<sup>st</sup>, 2017**

**FOR  
GETTY COPPER INC.  
COQUITLAM, BRITISH COLUMBIA**

**BY  
ALEXANDER WALCOTT, B.Sc  
PETER E. WALCOTT, P.Eng.  
PETER E. WALCOTT & ASSOCIATES LIMITED  
Coquitlam, British Columbia**

**JUNE 2017**

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### APPENDIX I

Cost of Project  
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### ACCOMPANYING MAPS

Claim and Flight Line Map	Scale 1:20,000
Contours of Total Field Intensity (Area 1 & 2)	Scale 1:10,000
Contours of Calculated 1 <sup>st</sup> order Vertical Derivative (Area 1 & 2)	Scale 1:10,000

## **INTRODUCTION.**

Between March 18<sup>th</sup> and 21<sup>st</sup>, 2017, Peter E. Walcott & Associates Limited undertook a heli-borne magnetic survey over portions of the Getty property for Getty Copper Inc.

The survey consisted of some 697 kilometers of heliborne magnetics conducted on two separate grid areas.

Area 1 was designed to cover the Glossie area. This area was previously covered with airborne magnetics, however several structures of interest were observed in historic data, thus a detailed survey utilizing lines orthogonal to the historic survey was subsequently carried out in an effort to further define the aforementioned features.

The survey consisted of some 384 line kilometers of airborne magnetics carried out on north south orientated lines with a nominal line spacing of some 75 meters, with orthogonal tie lines at 400 meters apart.

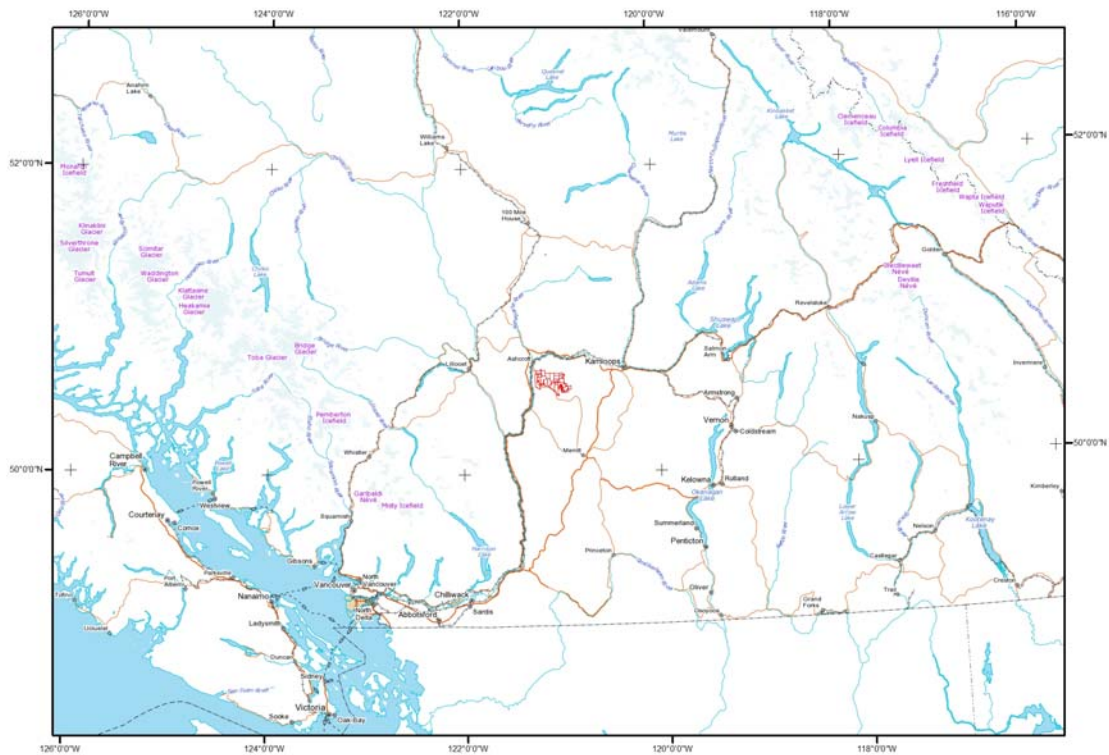
Area 2 was a new claim group staked in the winter of 2017 adjoining the eastern boundary of the historic Getty Copper property. This area consisted of some 313 kilometers of airborne magnetics carried out on east-west orientated lines, with a nominal line spacing of some 100 meters, with orthogonal tie lines at 500 meters.

Both surveys were designed to aid with planning for upcoming ground programs.

## PROPERTY LOCATION AND ACCESS

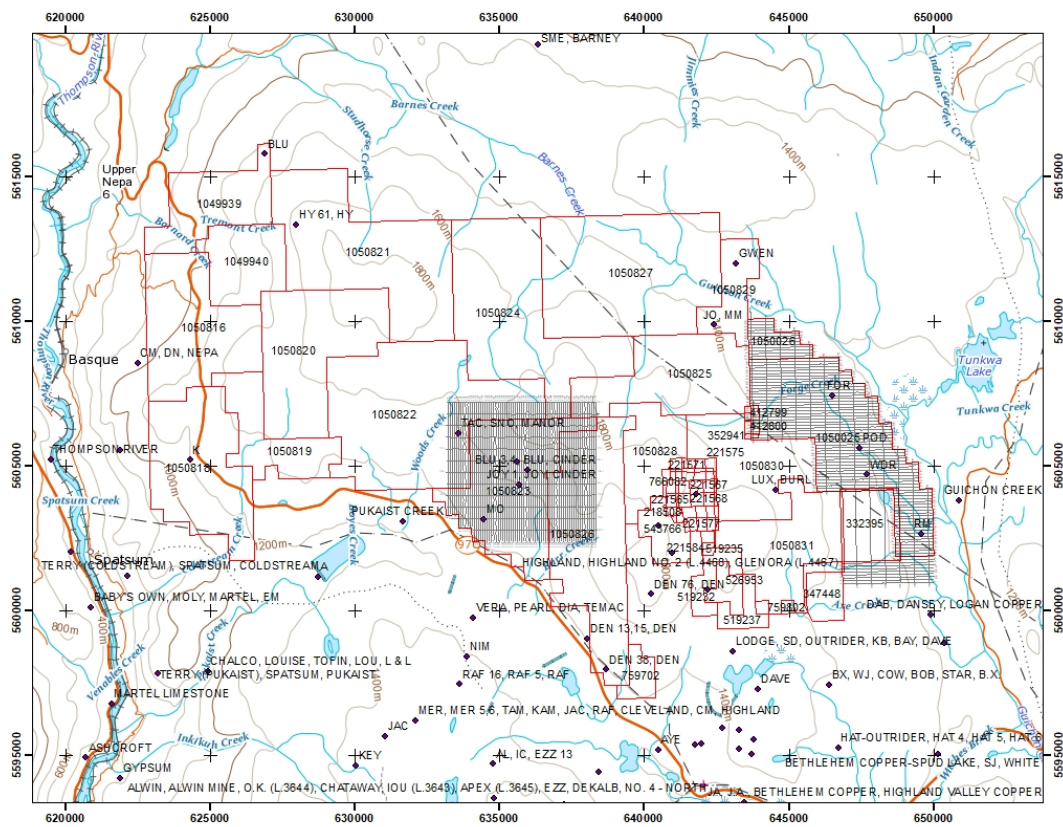
The Getty property is located some 20 kilometres northwest of the community of Logan Lake, British Columbia.

Access to the core of the property is obtained from Logan Lake, via highway 97C, and then utilizing a network of logging roads.



*Property Location Map*

**PROPERTY LOCATION AND ACCESS con't**



*Flight Line and Claim Location Map*

## **PREVIOUS WORK.**

The Getty 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**

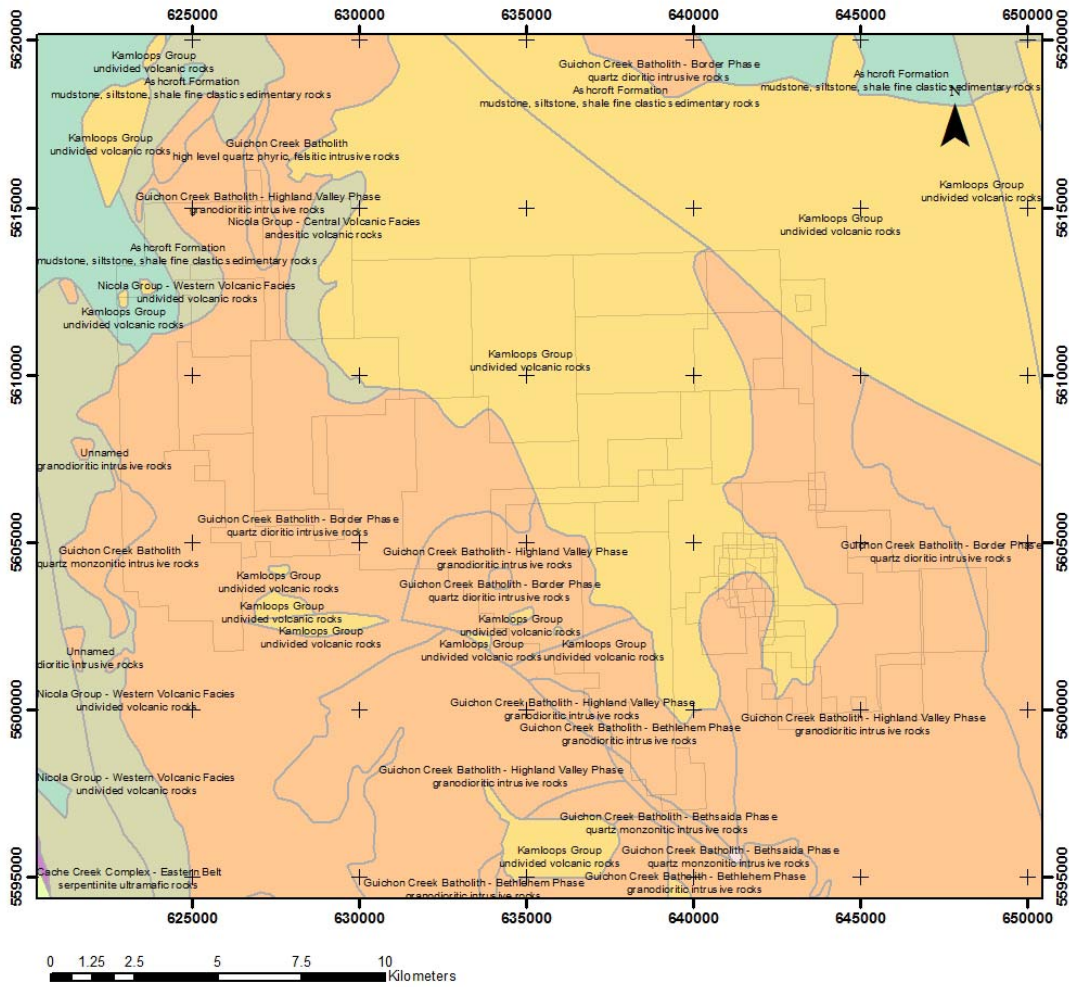
The Highland Valley is underlain by the Guichon Creek Batholith. This complex hosts a number of BC's rich copper and molybdenum deposits, such as the Valley and Lornex deposit.

The Guichon Creek Batholith is composed of multiple intrusive phases, which can be distinguished by both composition and texture. These semi concentric phases are orientated in a north northwesterly orientation, stemming from a root some 8 kilometers down as interpreted from historic gravity data. The author would refer the reader to the numerous geological papers written about this prolific mining district for a detailed overview.

The Getty property covers the northern extent of the late Triassic Guichon Creek Batholith. The intrusive rocks range in composition ranging from diorite to granodiorite, respective of the phase of emplacement.

The property is also underlain by tertiary sediments and Kamloops group volcanics dominantly in the north eastern portion of the property.

**REGIONAL & PROPERTY GEOLOGY con't**



General Geology

**PURPOSE.**

The purpose of the high-resolution magnetics was to aid with structural interpretation proximal to known mineralization in the Glossie area, along with expand airborne magnetic coverage over a newly staked block adjacent to the legacy eastern boundary.

## **SURVEY SPECIFICATIONS.**

### *The Airborne Magnetic Survey.*

The airborne magnetic survey was conducted using a bird type system towed on a 65' line by a Bell Jet Ranger 206B CF-JOR operated by Fireweed Helicopter Ltd. of Whitehorse, Yukon.

The bird unit consists of three main components – C-824 Cesium Magnetometer manufactured by Geometrics San Jose, California, AR3000 Laser Range Finder manufactured by Acuity of Portland, Oregon and a 19x GPS manufactured by Garmin International Inc. of Kansas City, Kansas.

The C-824 Cesium Magnetometer is a highly sensitive magnetic sensor capable of providing sensitivity up to 0.01 nT and sampling rates up to 1000 Hz. On this survey a sampling rate of 20 Hz was employed.

The respective components were in turn connected to the helicopter via a shielded multi-conductor cable within the tow line for power and data transmission to the logging units on the helicopter.

Flight line navigation data was obtained using Hemisphere R330 GNSS receiver with a 10 Hz update rate.

Data logging and navigation were carried out utilizing Geometrics MagLogPro software on a Panasonic CF-19 Toughbook computer with a secondary 7" daylight viewable pilot navigation monitor.

In addition to the airborne unit the survey also utilized two GSM 19 proton precession magnetometer manufactured by GEM Instruments of Richmond Hill, Ontario as base magnetometers. These instruments measure variations in the total intensity of the earth's magnetic field to an accuracy of plus or minus one nanotesla.

**SURVEY SPECIFICATIONS cont'd**

The survey area covered two blocks; Area 1 – Glossie consisted of some 69 lines flown on a north south orientation with 13 orthogonal tie lines. Area 2 – consisted of 92 lines flown on an east-west orientation with 13 orthogonal tie lines.

In total, some 697 line kilometers of airborne magnetic surveying was completed.

## **DATA PROCESSING AND PRESENTATION.**

The data was first exported from MagLogPro, where the various sensor inputs were merged into Geosoft compatible ascii files. This merged dataset was then loaded into Geosoft Oasis Montaj for data reduction and processing.

The data was first corrected for diurnal magnetic drift, utilizing the magnetic base stations. The data was then lag corrected to account for positioning errors due to instrument delay and other positional errors. Tie line levelling was then undertaken prior to gridding.

Gridding was then undertaken on the levelled line data utilizing Geosoft's rangrid algorithm using a 25 meter cell size.

The reduced and leveled data set was then subject to several filtering techniques using the Geosoft MagMap module for evaluation and presentation.

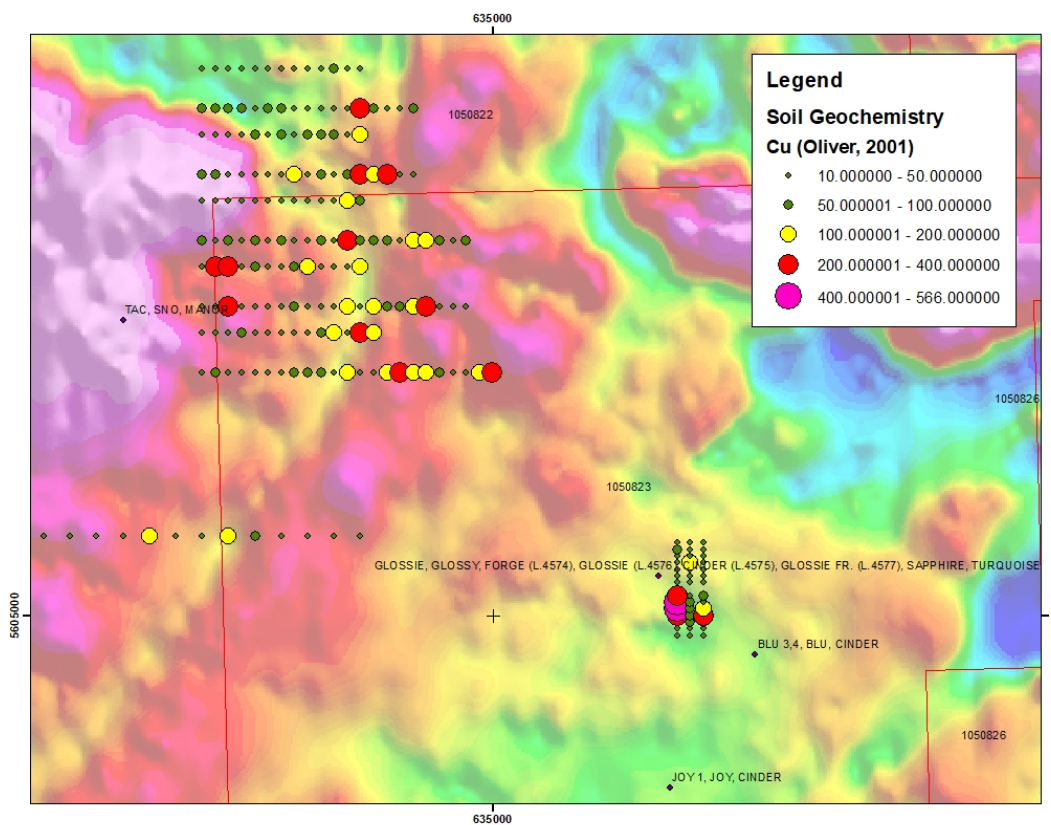
The magnetic data is presented in this report is the Contours of Total Magnetic Intensity and Contours of the Calculated First Vertical Derivative at a scale of 1:20,000.

## DISCUSSION OF RESULTS.

The results of the heli-borne magnetic survey carried out over the Getty property illustrated several features of interest.

### Area 1 (Glossie)

The airborne magnetic survey conducted over the Glossie grid identifies several northwesterly and north-northeasterly structures which appear to correlate with zones of elevated copper geochemistry. A detailed review of other historic data within this area, is also under review however is not completed at the time of this report.

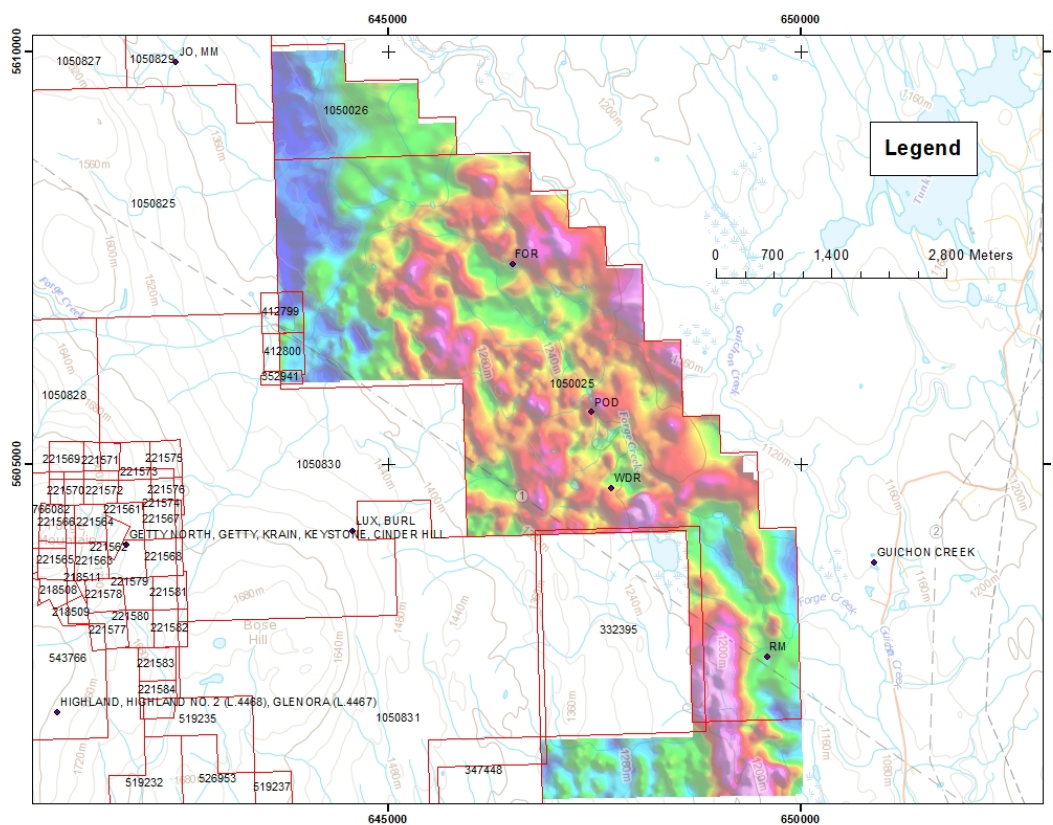


Area 1 – TMI (nT) with Historic Soil Geochemistry

## DISCUSSION OF RESULTS cont'd.

### *Area 2*

The magnetic survey covered over Area 2 shows several zones of decrease magnetic intensity proximal to known mineralization. Several northwesterly trending structures are also readily apparent proximal to the FOR, POD and WOR occurrences.



Area 2 – TMI (nT)



## **SUMMARY, CONCLUSIONS & RECOMMENDATIONS.**

Between March 18<sup>th</sup> and 21<sup>st</sup>, 2017, Peter E. Walcott & Associates Limited undertook a heli-borne magnetic surveying over parts of the Getty property, located in the Logan Lake area of British Columbia, for Getty Copper Inc.

The survey consisted of two separate flight blocks, conducted on NS and EW flight lines respectively – Areas 1 & 2

The surveys were designed to aid with planning of an upcoming ground field work program.

The surveys identified several structures and features of interest, however interpretation is reserved until the data is fully integrated into the property wide compilation.

In the Glossie area, additional soil sampling and mapping should be undertaken. Subsequent induced polarization should also be considered proximal to structural intercepts with elevated copper geochemistry.

In the Area 2, prospecting, mapping and sampling should also be undertaken, in conjunction with a detailed compilation of historic information.

**Respectfully submitted,**

**PETER E. WALCOTT & ASSOCIATES LTD.**

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

**Peter E. Walcott, P.Eng.  
Geophysicist**

**Coquitlam, B.C.**

**June 2017**

**APPENDIX I**

**COST OF PROJECT.**

Peter E. Walcott & Associates Limited undertook the survey on a per kilometer basis at \$65.00 per line kilometer. A total of some 699 kilometers was billed for a total of \$45,435.00

A mobilization cost of \$9,100.00, along with reporting costs of \$1000.00 and accommodation charges of \$960.44 were also incurred thus bringing the total cost of the project to \$56,495.44.

**PERSONNEL EMPLOYED ON PROJECT.**

<b>Name</b>	<b>Occupation</b>	<b>Address</b>	<b>Dates</b>
Peter E. Walcott	Geophysicist	Unit 111- 17, Fawcett Rd. Coquitlam, B.C. V3K 6V2	
Alexander Walcott	"	"	March 16-21st, 2015
West Luck	Pilot Fireweed Helicopter Ltd.		March 16-21st, 2015

**CERTIFICATION.**

I, Peter E. Walcott, of 605 Rutland Court, Coquitlam, British Columbia, hereby certify that:

1. I am a graduate of the University of Toronto in 1962 with a B.A.Sc. in Engineering Physics, Geophysics Option.
2. I have been practicing my profession for the last fifty two years.
3. I am a member of the Association of Professional Engineers of British Columbia and Ontario.
4. I hold no interest, direct or indirect, in the property, nor do I expect to receive any.

**Peter E.Walcott, P.Eng.**

**Coquitlam, B.C.  
June 2017**

**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 20 years.
3. I hold no interest, direct or indirect, in the property, nor do I expect to receive any.

**Alexander Walcott**

**Coquitlam, B.C.  
June 2017**

**REFERENCES.**

Ager, C.A, McMillan, W.J., Ulrych, T.J, Bulletin 62: Gravity, Magnetics and Geology of the Guichon Creek Batholith, 1972 British Columbia Department of Mines and Petroleum Resources

Bond, L., Graden, R. – Diamond Drilling Report on the Highland Valley Copper Getty Copper Option, 2005, BC Assessment Report 28084

Evans, G. Hewson, C. – 2005 Assessment Report, Geological Mapping, Line Cutting and Induced Polarization Geophysics on the Getty Copper Option, 2005, BC Assessment Report 28072

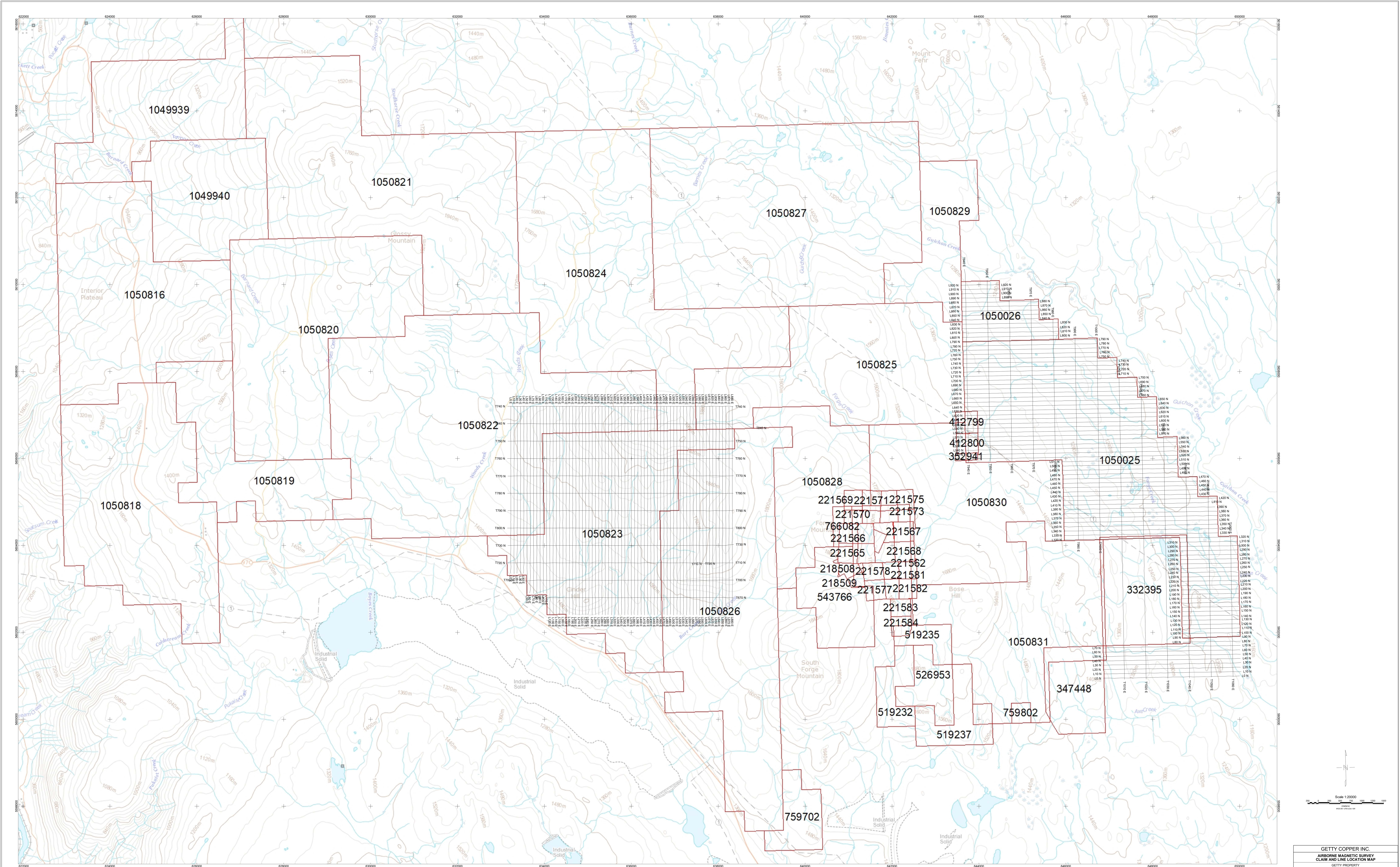
Geoscience BC, - Quest South Airborne Gravity Dataset, 2010

Northcote, K.E., Bulletin 56: Geology and Geochronology of the Guichon Creek Batholith, 1969 British Columbia Department of Mines and Petroleum Resources

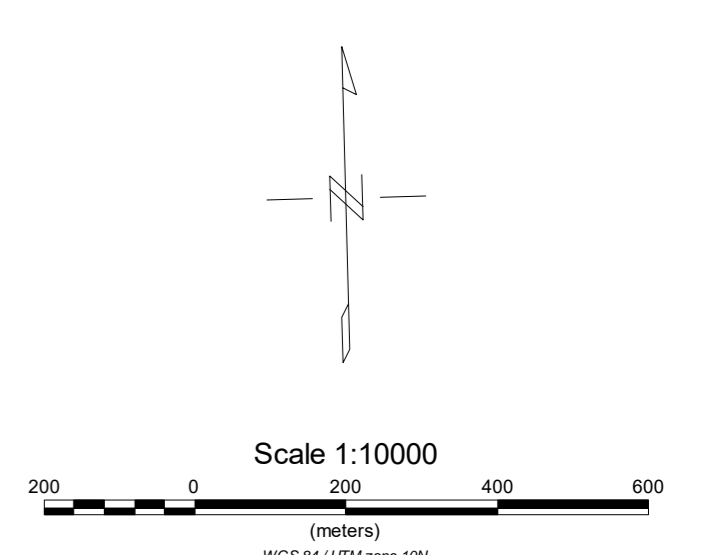
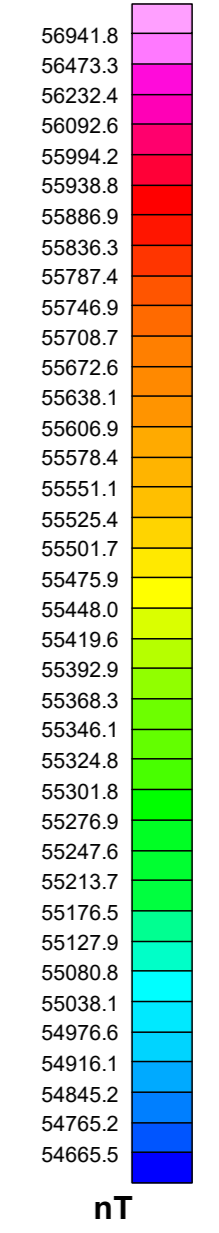
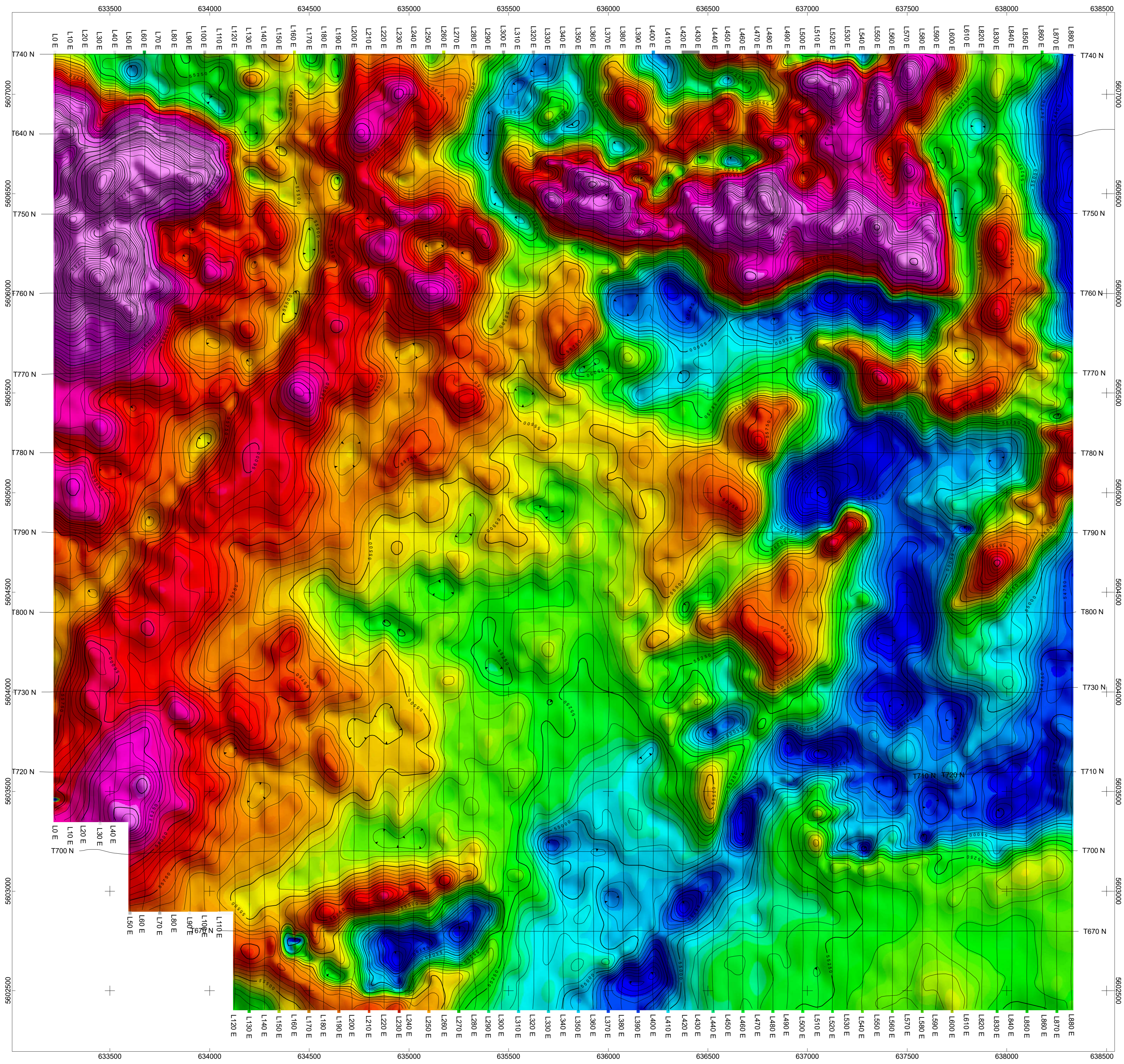
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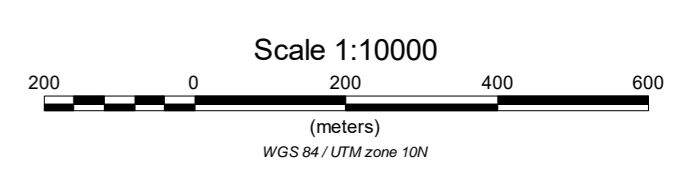
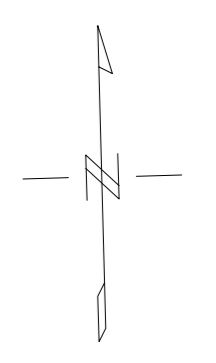
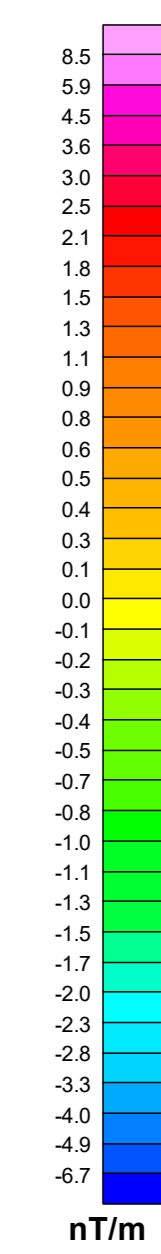
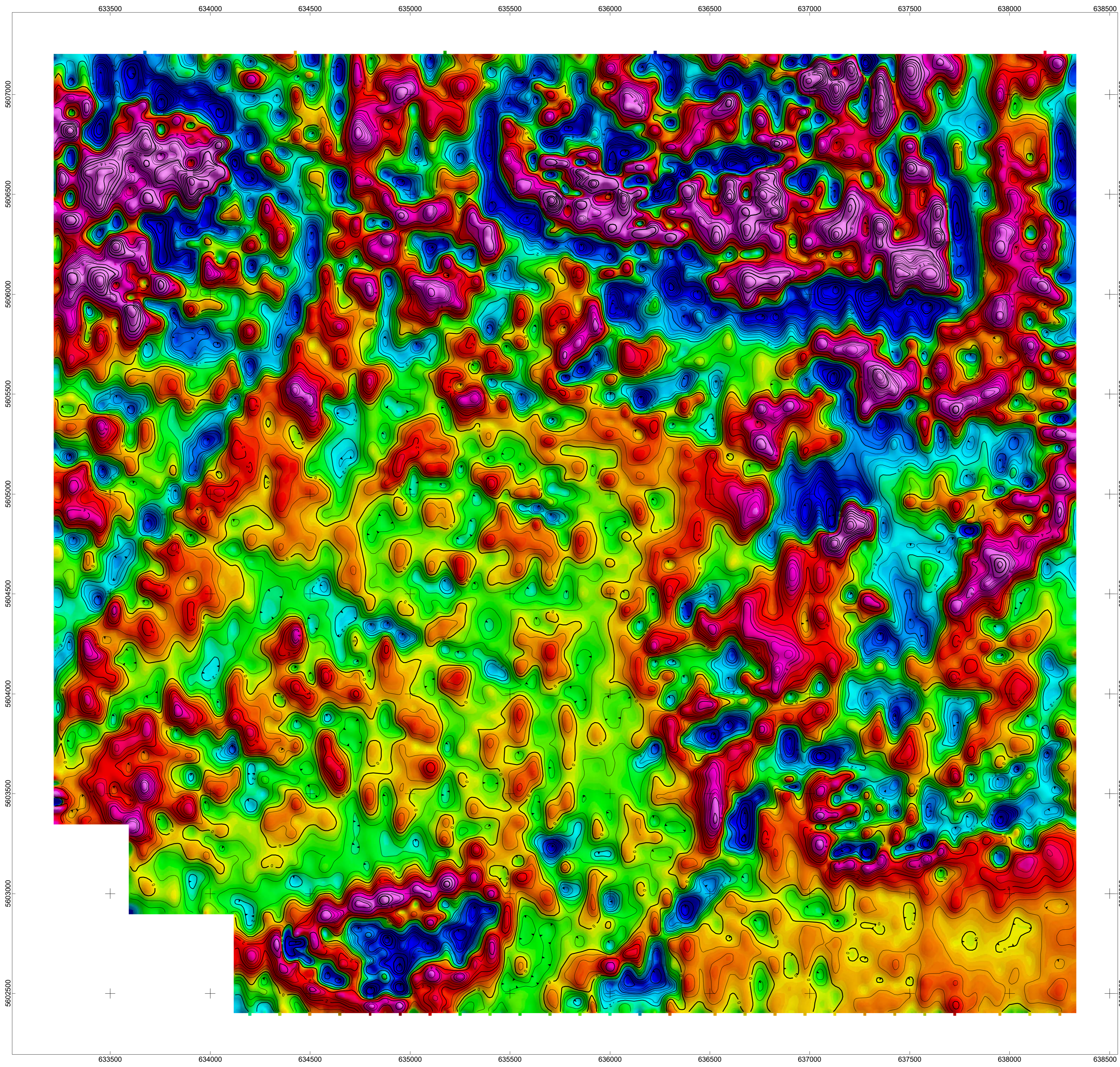
Walcott, Peter E., - A Geophysical Report on Induced Polarization Surveying, Getty Property, 1996, BC. Assessment Report 24476



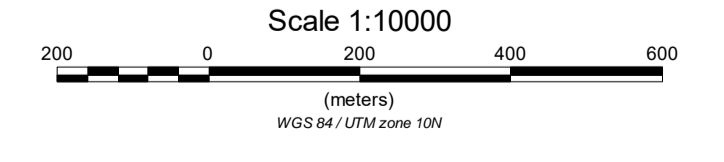
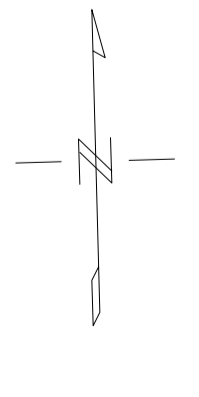
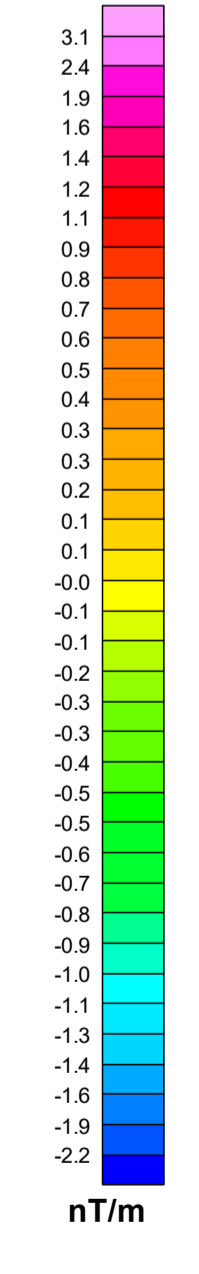
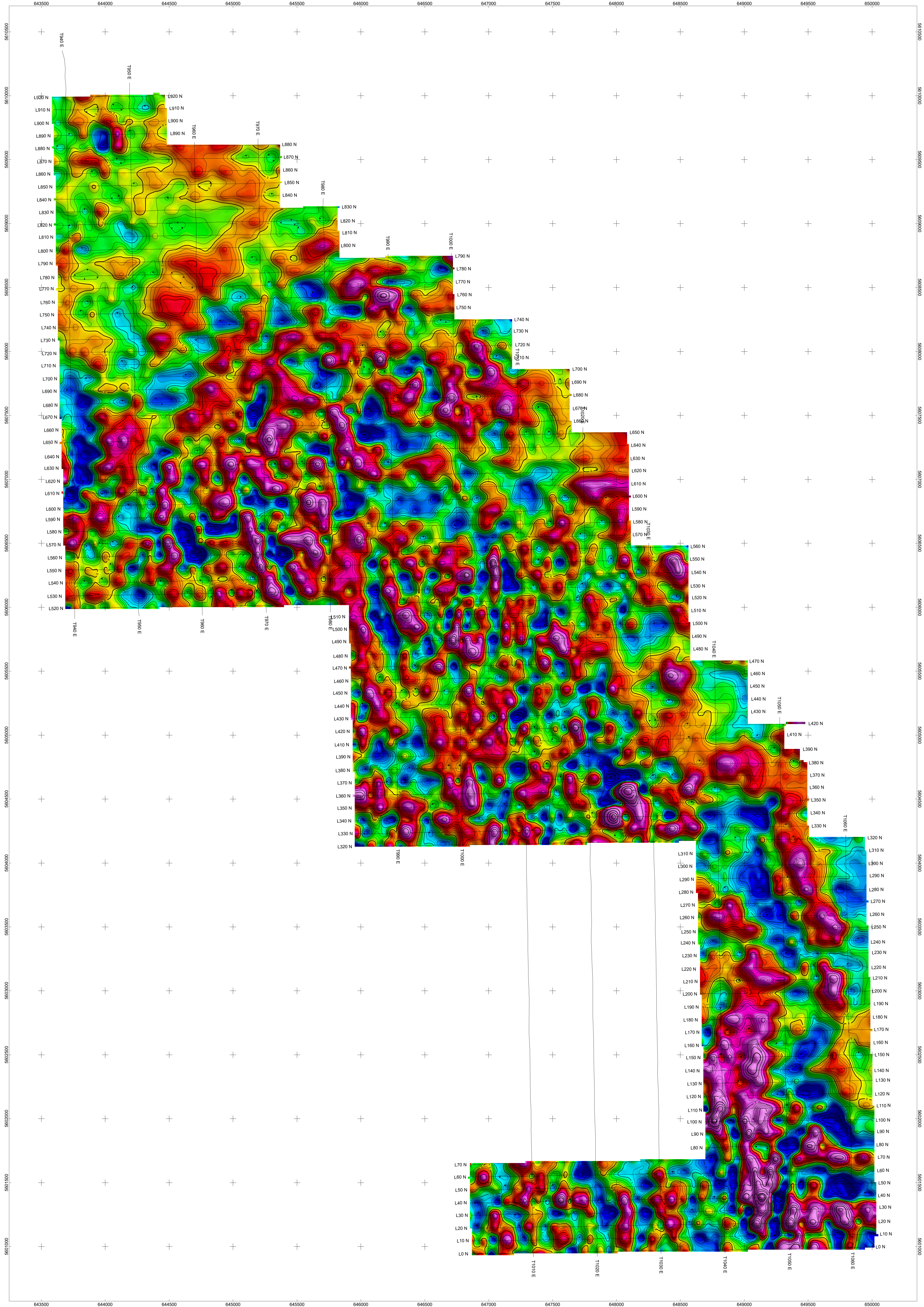




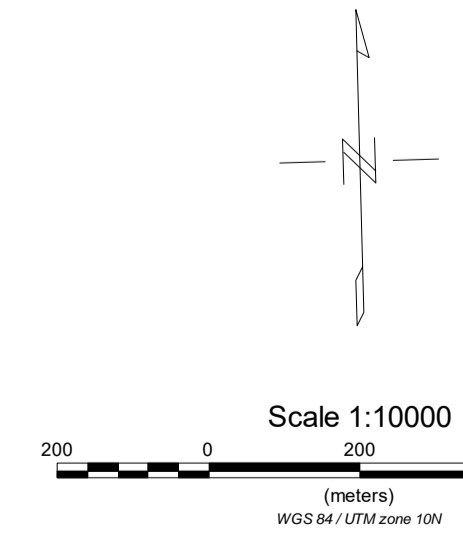
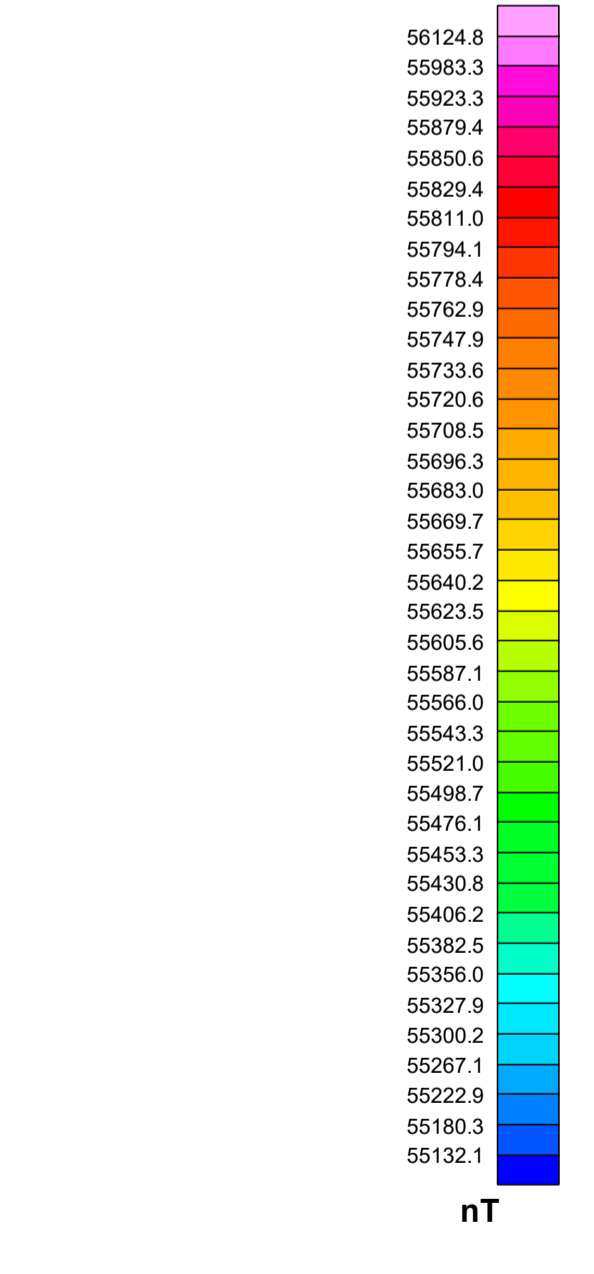
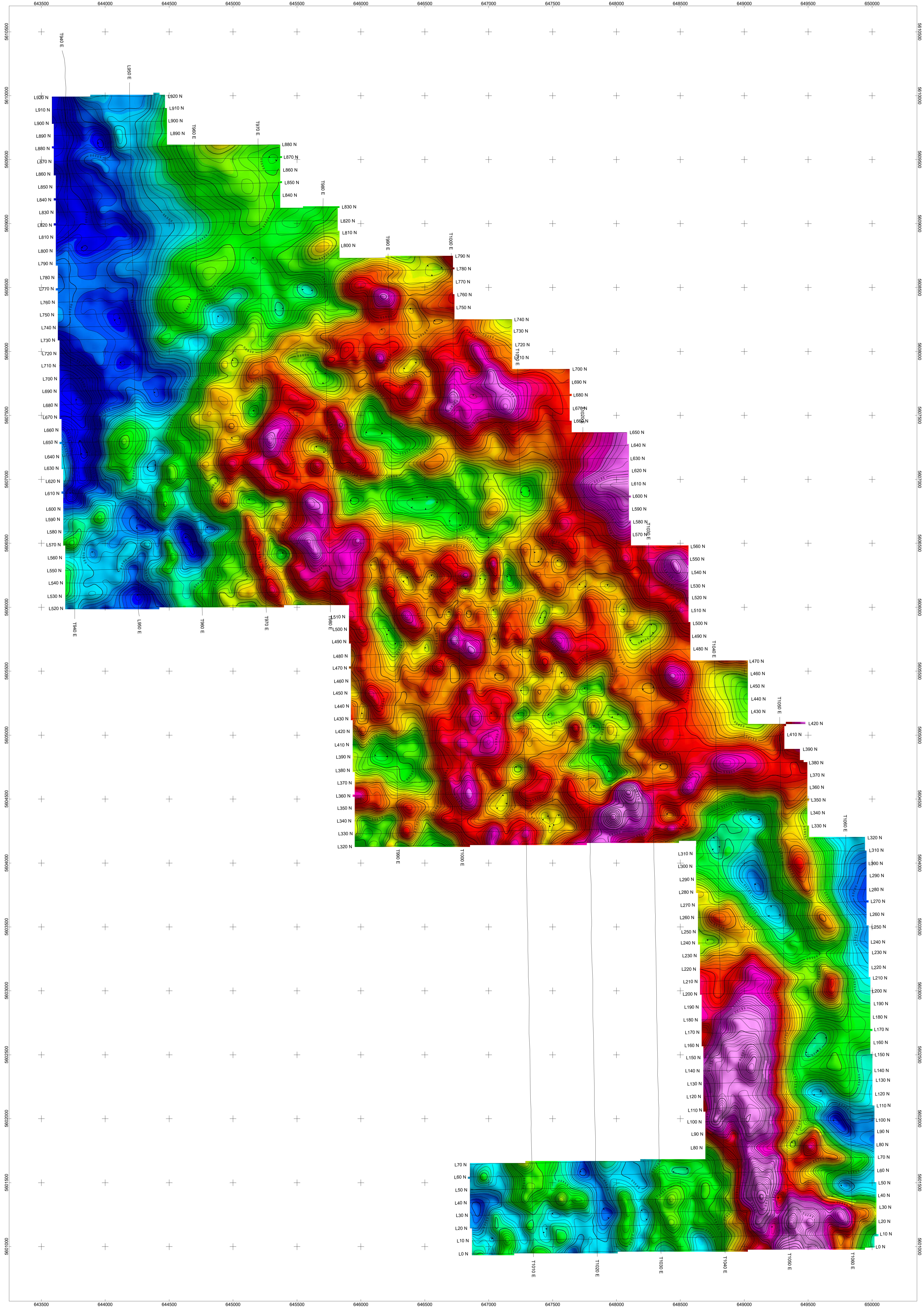
**GETTY COPPER INC.**  
**AIRBORNE MAGNETIC SURVEY**  
**CONTOURS OF TOTAL FIELD INTENSITY (nT)**  
 AREA 1 - GLOSSIE  
 GETTY PROPERTY  
 LOGAN LAKE AREA  
 MARCH 2017  
**PETER E. WALCOTT & ASSOCIATES LIMITED**



**GETTY COPPER INC.**  
**AIRBORNE MAGNETIC SURVEY**  
**CONTOUR OF 1VD TMI**  
 AREA 1 - GLOSSIE  
 GETTY PROPERTY  
 LOGAN LAKE AREA  
 MARCH 2017  
**PETER E. WALCOTT & ASSOCIATES LIMITED**



**GETTY COPPER INC.**  
**AIRBORNE MAGNETIC SURVEY**  
**CONTOURS OF 1VD TMI**  
 AREA 2  
 GETTY PROPERTY  
 LOGAN LAKE AREA  
 MARCH 2017  
**PETER E. WALCOTT & ASSOCIATES LIMITED**



GETTY COPPER INC.  
AIRBORNE MAGNETIC SURVEY  
CONTOURS OF TOTAL FIELD INTENSITY (nT)

AREA 2  
GETTY PROPERTY  
LOGAN LAKE AREA  
MARCH 2017

PETER E. WALCOTT & ASSOCIATES LIMITED