

**GROUND INDUCED POLARIZATION SURVEY AT THE BOND PROPERTY,
DAWSON RANGE AREA, YUKON TERRITORY**

**Submitted For
Assessment Purposes**

BOND 1-70 (YC66307 – YC66376)

Work Performed:
June 4 – June 10, 2011

Prepared by:

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For: Northern Tiger Resources Inc.

Location: 62.774° N 137.934° W
NTS: 115/ 113
Whitehorse Mining District
Date: 09 January 2012

SUMMARY

A ground induced polarization survey was conducted on the BOND property for Northern Tiger Resources Inc. to locate the source of a historical malachite showing with anomalous copper values. 3.0 line-km were cut and surveyed with a modified pole-dipole array, using a 50 m receiving dipole spacing. The data were interpreted by employing automated computer inversion to generate 3D models of the apparent chargeability and resistivity from which vertical slices were extracted to produce sections mapping these properties.

The survey located a chargeability high defined by an isosurface enclosing material with chargeability in excess of 7 mV/V and up to 20 mV/V which could suggest the presence of disseminated sulphide mineralization. The anomaly underlays one of the three survey lines, line 200E. The strike and width of the chargeable zone is unknown as it is only detected on the easternmost line, but it appears to be plunging to the south. The anomaly remains 'open' to the east, south and at depth.

It is recommended that the continuity of the chargeable zone be tested by conducting another ground induced polarization survey on additional lines to the east. Since the current survey only recorded data up to 250 metres depth, the line and dipole spacing should be increased to determine whether the anomaly can be detected to the west at depth.

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1.0 INTRODUCTION

The BOND property, located in central Yukon and consisting of 70 full quartz mining claims in a single block covering 1,470 hectares (3,631 acres), was staked in October 2007 by Minto Explorations Ltd. to cover ground prospective for “Minto-style” copper-gold mineralization. In June 2008 Northern Tiger Resources Inc. (Northern Tiger) obtained a 100% interest in the claims, in exchange for exploration commitments across the property. An exploration program consisting of geological mapping, reconnaissance-style soil sampling, some silt and rock sampling and post tagging was conducted by Northern Tiger from July 21 to August 16, 2008.

Aurora Geosciences Ltd. was retained by Northern Tiger Resources Inc. to perform an induced polarization and resistivity (IP) survey. The survey was conducted to identify the source of anomalous copper-in-soil geochemistry and a malachite showing in outcrop that assayed 1605 ppm copper on the property. During the period of June 4 to June 10, 2011 a total of 3.0 line-km were surveyed with a pole-dipole array using a 50 m receiving dipole spacing. A total of 3.0 line-km were also cut for the survey during this time period. This report describes the survey, data processing and results, and contains an interpretation of the data.

2.0 HISTORY

The present BOND property area was first explored in 1971 by the Dawson Range Joint Venture, comprised of Strauss Exploration Inc, Molybdenum Corporation of America and Trojan Consolidated Mining; no claims were staked. It was staked as the TUF 1-40 block in August, 1972 by United Keno Explorations, a joint venture of United Keno Hill Mines Ltd, Falconbridge Nickel Mines Ltd. and Canadian Superior Exploration Ltd. United Keno Explorations conducted geological mapping and grid soil sampling (Yukon Minfile, 2009).

The program identified two occurrences of chalcopyrite and minor galena within siliceous gneiss with narrow quartz veining. The two small occurrences are spaced about 100 feet (30 metres) apart. Chalcopyrite, bornite, malachite, azurite and galena were exposed in three hand trenches in the area, with the best result being 0.93% copper in a grab sample. One other occurrence of “very minor malachite with no primary sulphides” along a ridgeline to the south-west was also noted (VanTassell, 1973).

Several contour soil lines were conducted at various elevations east of the small showings, and grid soil sampling was conducted slightly to the west of these. Analysis was done for copper, molybdenum, lead, zinc and silver; low values were returned, with weak erratic anomalous values. The program concluded that “geochemistry reflects very limited unimportant copper mineralization” (VanTassell, 1973).

The area was restaked as the FUN in April to July, 1974 by Canadian Superior Exploration Ltd, which conducted magnetic and Induced Polarization surveying, and grid soil sampling (Yukon Minfile 2009).

In 2009, an airborne radiometric and magnetic survey was flown over the property

3.0 PROPERTY DESCRIPTION

The BOND property consists of 70 unpatented quartz mining claims (Table 1, Figures 1-3) in a single block covering 1,470 hectares (3,631 acres) along the south bank of the Yukon River. The property is located about 120 km north-northwest of Carmacks, Yukon, and is centered at 62°46'19" N Latitude, 137°56'07" W Longitude (UTM NAD 83 coordinates: 350200E, 6963550N, Zone 8) within NTS map sheet 115I/13. The property has not undergone a legal survey.

Table 1

Grant #	Name	Number	Expiry Date
YC66307	BOND	1	18/10/2012
YC66308	BOND	2	18/10/2012
YC66309	BOND	3	18/10/2012
YC66310	BOND	4	18/10/2012
YC66311	BOND	5	18/10/2012
YC66312	BOND	6	18/10/2012
YC66313	BOND	7	18/10/2012
YC66314	BOND	8	18/10/2012
YC66315	BOND	9	18/10/2012
YC66316	BOND	10	18/10/2012
YC66317	BOND	11	18/10/2012
YC66318	BOND	12	18/10/2012
YC66319	BOND	13	18/10/2012
YC66320	BOND	14	18/10/2012
YC66321	BOND	15	18/10/2012
YC66322	BOND	16	18/10/2012
YC66323	BOND	17	16/10/2012
YC66324	BOND	18	16/10/2012
YC66325	BOND	19	16/10/2012
YC66326	BOND	20	16/10/2012

YC66327	BOND	21	16/10/2012
YC66328	BOND	22	16/10/2012
YC66329	BOND	23	18/10/2012
YC66330	BOND	24	18/10/2013
YC66331	BOND	25	18/10/2012
YC66332	BOND	26	18/10/2013
YC66333	BOND	27	18/10/2012
YC66334	BOND	28	18/10/2013
YC66335	BOND	29	18/10/2012
YC66336	BOND	30	18/10/2012
YC66337	BOND	31	18/10/2012
YC66338	BOND	32	18/10/2011
YC66339	BOND	33	18/10/2012
YC66340	BOND	34	18/10/2012
YC66341	BOND	35	18/10/2012
YC66342	BOND	36	18/10/2012
YC66343	BOND	37	18/10/2012
YC66344	BOND	38	18/10/2012
YC66345	BOND	39	18/10/2012
YC66346	BOND	40	18/10/2012
YC66347	BOND	41	18/10/2013
YC66348	BOND	42	18/10/2013
YC66349	BOND	43	18/10/2013
YC66350	BOND	44	18/10/2012

4.0 LOCATION AND ACCESS

The Bond Property is located 120 kilometres north-northwest of Carmacks in the Whitehorse Mining District. It is situated on the south shore of the Yukon River west (downstream) from Fort Selkirk. The property is centred at approximately 62.774° N 137.934° W on NTS 115/ I 13 (Figure 1). The property is accessible by helicopter from a staging point at Northern Tiger's Sonora camp.

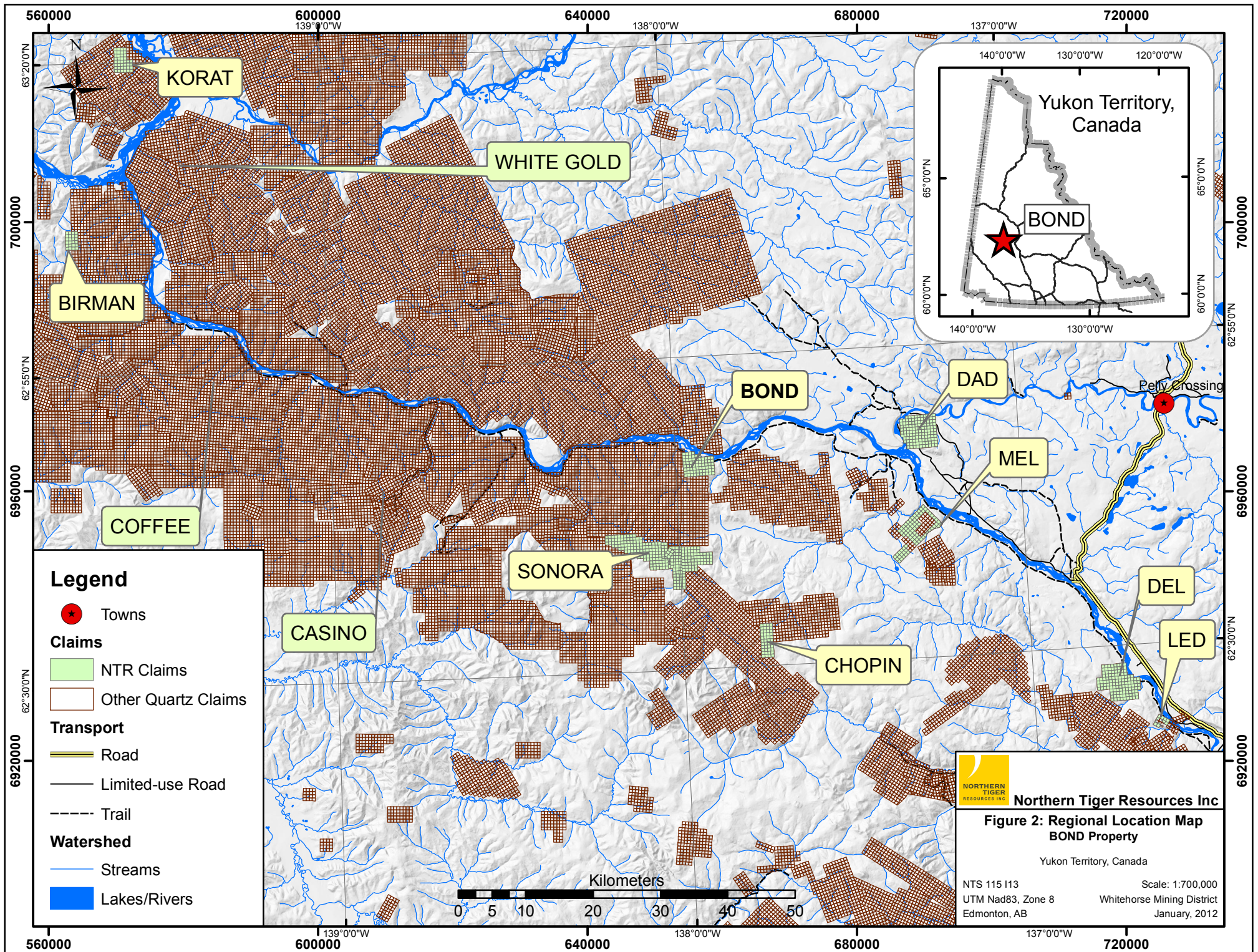
5.0 GRID

The location of the survey grids is shown in Figure 2. The pole-dipole array IP survey data was collected on cut lines, straight chained by the line-cutting/IP crew, using an Iris Elrec Pro receiver to site locations. These lines were registered to geographic coordinates by taking repeated measurements with non-differential GPS receivers at stations spaced approximately 100 m along the lines.

6.0 PERSONNEL AND EQUIPMENT

The survey was conducted by the following personnel:

<u>Crew chief:</u>	Louis Rosenthal	June 4 th -June 10 th , 2011
<u>Brusher/IP tech:</u>	Cory Straker	June 4 th -June 10 th , 2011
<u>Cutter/IP tech:</u>	Stefan Gronsahal	June 4 th -June 10 th , 2011
<u>Brusher/IP tech:</u>	Tomasz Kalkowski	June 4 th -June 9 th , 2011



Legend

- ★ Towns
- Claims**
- NTR Claims
- Other Quartz Claims
- Transport**
- Road
- Limited-use Road
- Trail
- Watershed**
- Streams
- Lakes/Rivers

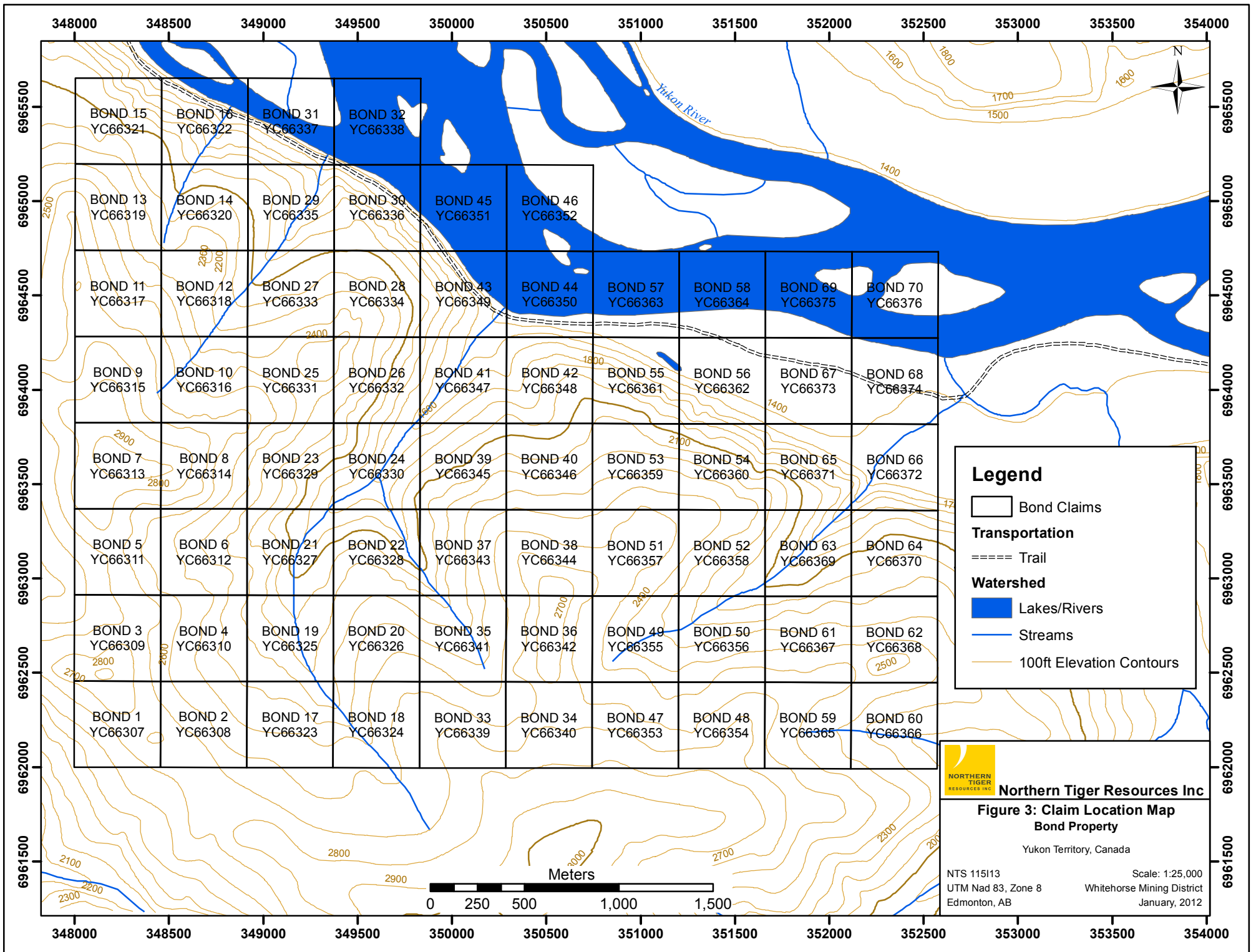


Northern Tiger Resources Inc
Figure 2: Regional Location Map
BOND Property

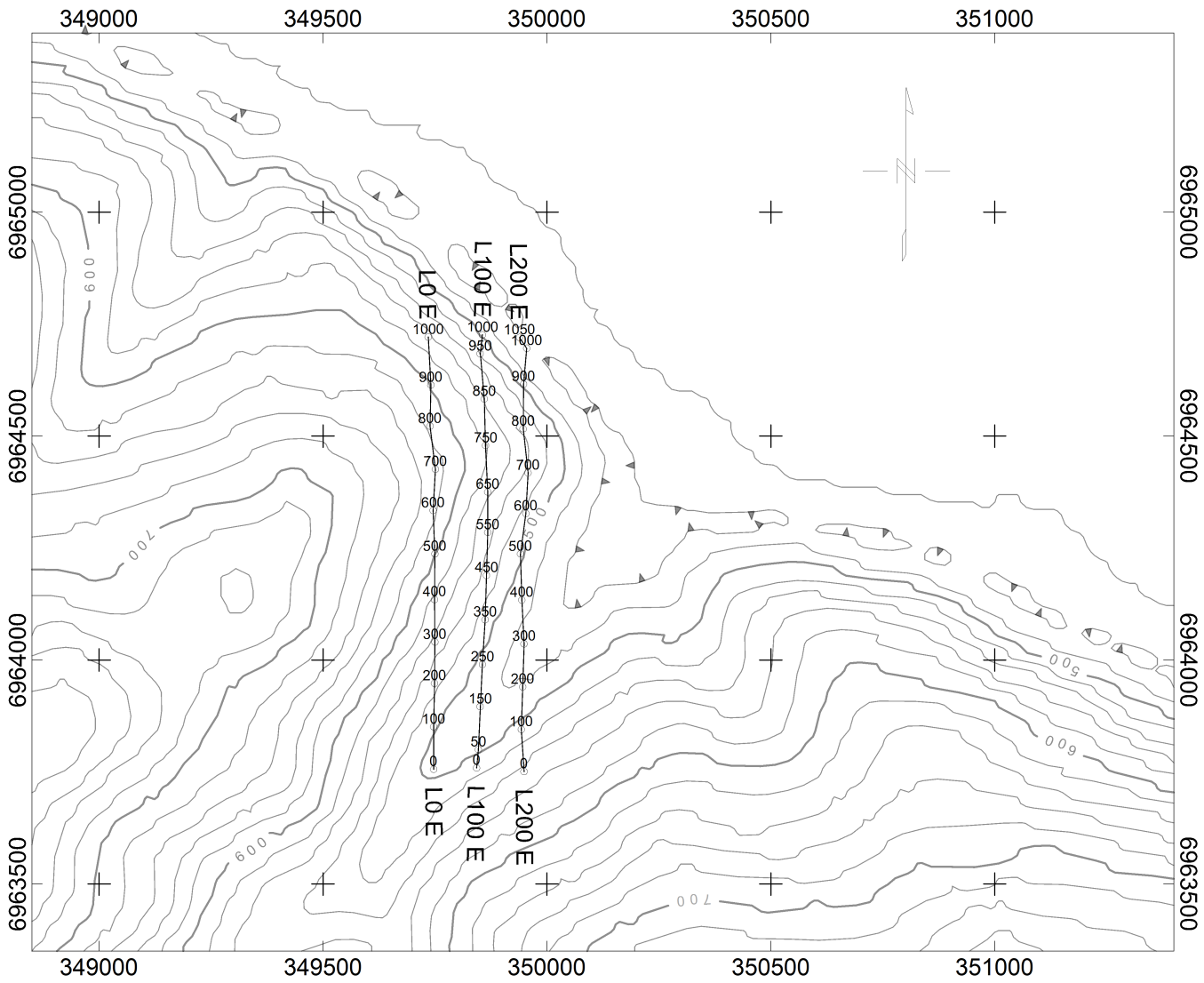
Yukon Territory, Canada

NTS 115 113
 UTM Nad83, Zone 8
 Edmonton, AB

Scale: 1:700,000
 Whitehorse Mining District
 January, 2012



BOND 15 YC66321	BOND 16 YC66322	BOND 31 YC66337	BOND 32 YC66338							
BOND 13 YC66319	BOND 14 YC66320	BOND 29 YC66335	BOND 30 YC66336	BOND 45 YC66351	BOND 46 YC66352					
BOND 11 YC66317	BOND 12 YC66318	BOND 27 YC66333	BOND 28 YC66334	BOND 43 YC66349	BOND 44 YC66350	BOND 57 YC66363	BOND 58 YC66364	BOND 69 YC66375	BOND 70 YC66376	
BOND 9 YC66315	BOND 10 YC66316	BOND 25 YC66331	BOND 26 YC66332	BOND 41 YC66347	BOND 42 YC66348	BOND 55 YC66361	BOND 56 YC66362	BOND 67 YC66373	BOND 68 YC66374	
BOND 7 YC66313	BOND 8 YC66314	BOND 23 YC66329	BOND 24 YC66330	BOND 39 YC66345	BOND 40 YC66346	BOND 53 YC66359	BOND 54 YC66360	BOND 65 YC66371	BOND 66 YC66372	
BOND 5 YC66311	BOND 6 YC66312	BOND 21 YC66327	BOND 22 YC66328	BOND 37 YC66343	BOND 38 YC66344	BOND 51 YC66357	BOND 52 YC66358	BOND 63 YC66369	BOND 64 YC66370	
BOND 3 YC66309	BOND 4 YC66310	BOND 19 YC66325	BOND 20 YC66326	BOND 35 YC66341	BOND 36 YC66342	BOND 49 YC66355	BOND 50 YC66356	BOND 61 YC66367	BOND 62 YC66368	
BOND 1 YC66307	BOND 2 YC66308	BOND 17 YC66323	BOND 18 YC66324	BOND 33 YC66339	BOND 34 YC66340	BOND 47 YC66353	BOND 48 YC66354	BOND 59 YC66365	BOND 60 YC66366	



Scale 1:15000
 250 0 250
 (meters)
 NAD83 / UTM zone 8N

Nothern Tiger Resources

**2011 Bond IP Location Map
 contour interval = 20m**

Mining District: Whitehorse
 Date: June 13, 2011

NTS: 115113
 Job: NTR-11542-YT

AURORA GEOSCIENCES LTD.

The crew was equipped with the following instruments and general equipment:

IP Receiver:	Iris Elrec Pro
IP Transmitter:	GDD TxII 3.6 kW
Generator:	Honda 5kW generator
Other IP Equipment:	1 set of repair tools & spare IP parts 3km of 14 gauge wire 5 VHF handheld radios Georeels & spools, 50m 10 pin IP cables, stainless steel electrodes
Line Cutting:	3 Husquavarna 365 chainsaws 3 sets of chainsaw repair tools, replacement parts & files Bar oil and mixed gas 2 Hip chain, GPS & compass
Camp:	1 Satellite phone
Data Processing:	1 Laptop computer with Geosoft IP package

7.0 SURVEY SPECIFICATIONS

The IP survey was conducted according to the following specifications:

<u>Array:</u>	Modified pole-dipole
<u>Dipole spacing:</u>	50 m
<u>Separations Read:</u>	N=1 through 10
<u>Tx mode / signal:</u>	Time domain, 50% duty cycle, reversing polarity, 0.125 Hz.
<u>Stacks:</u>	Minimum 15
<u>Rx error:</u>	5 mV/V or less, otherwise repeated
<u>Grid Registration:</u>	Handheld GPS points at line ends and every 100 m minimum averaged 60 s or until estimated accuracy <10 m, whichever was longer. All coordinates in NAD83 UTM Zone 8N
<u>Repeats:</u>	A minimum of three repeats per station in the area of interest and less in the other areas if the Rx error was below 5 mV/V.

Parameters Read: R_o - apparent resistivity
 M_t - total chargeability (ms)
 M_1 to M_{10} - 10 channel samples of decay curve
 E - error in chargeability (ms)

8.0 SURVEY NOTES

The Field Report and Survey Log in Appendix B describe survey operations including production. The crew mobilized to the property on June 4, 2011 by truck to the Minto Airstrip and thence by helicopter to Northern Tiger's Sonora drill camp, located approximately 15 kilometers south of the survey area, where the crew set up basecamp. Work was conducted on the property via daily helicopter flights to the Bond property. The line-cutting was completed first in preparation for the IP survey. 1.0 line-km were cut on each line. Lines were spaced 100 m apart with 3 line-km on each line (0E, 100E and 200E).

Conditions allowed good electrical contacts for the electrodes used by the IP survey, and no conductive ground was noticed resulting in clear and consistent readings. In the areas that did produce low signal to noise ratios extra readings and increased averaging stacks were taken to ensure data repeatability.

9.0 DATA PROCESSING & INTERPRETATION

The following procedures were used to prepare and invert the induced polarization and resistivity data using the UBC software DCIP3D; A Program Library for Forward Modelling and Inversion of Induced Polarization Data over 3D Structures, v 2.1. Only the pole-dipole IP data were considered for the modelling.

1. *Data preparation.* The IP data was reviewed and edited prior to preparing pseudosections and preparing the data sets for inversion. Duplicate readings were averaged to leave only a single reading at each station and separation. Readings with large errors which did not repeat within 10% were deleted from the data base. All electrodes were assigned UTM coordinates. Elevations were determined from a digital elevation model equivalent to NTS 1:50,000 map sheet 115 I/11.
2. *Pseudosection plotting.* Pseudosections of the apparent resistivity, chargeability and error in chargeability were prepared from the final edited data. The chargeability, error in chargeability and resistivity sections were scaled to the range on each line.
3. *Data formatting.* The apparent chargeability, apparent resistivity, electrode locations and topographic data were formatted for entry into the UBC inversion software.
4. *Chargeability modelling.* For each line, the observed standard deviation in the chargeability was used as a measure of error in the observed apparent chargeability. The same 3D mesh used for the resistivity inversion was used for the chargeability inversion modelling. No extra smoothing in the X and Y directions was applied. The inversion ended at convergence with good agreement between observed and predicted data.
5. *Image extraction.* The model results were imported into Geosoft databases to produce a three dimensional voxel from which horizontal and vertical slices could be extracted and displayed as gridded images.

Composite sections showing pseudo sections of apparent chargeability and apparent resistivity were produced, and form the basis of the results.

10.0 GEOLOGICAL SETTING

The BOND property is located in the Yukon-Tanana Terrane (YTT), within the northern limit of the Intermontane Superterrane (MINFILE, 2001). This superterrane extends northwest – southeast, largely along the Yukon River. It is comprised of a narrow sequence of Triassic to Lower Jurassic Stikinia Terrane volcanic and volcanoclastic strata sequences mixed with Lower Jurassic Quesnellia Terrane metaigneous units. The YTT occurs as a broad sequence of accreted terrane abutted against the northwest – southeast trending Tintina Fault, separating the YTT from shelf to off-shelf sediments bordering the ancient North American Continent to the northeast. The Tintina Fault is located about 65 kilometres northeast of the BOND property. The YTT consists of a belt of Devonian-Mississippian metamorphic rocks, mainly metavolcanics with lesser metasediments. About 170 km to the southwest, the northwest – southeast trending Denali (Shakwak) Fault forms the southwestern boundary of the YTT, separating it from a younger sequence of accreted terrane farther to the southwest (Davidson, 2008).

Stikinia Terrane units consist largely of Upper Triassic Povoas Formation basalts to andesites, including andesitic ash through lapilli tuffs, with lesser clastic sedimentary units ranging from coarse conglomerate through mudstone to shale. These represent the northernmost portions of the Whitehorse Trough. Stikinia Terrane units commonly abut against Quesnellia Terrane Lower Jurassic Aishikik Suite medium to coarse grained biotite-hornblende metagranites and granodiorites, commonly moderately foliated. The Minto copper-gold mine occurs within the Klotassin Batholith, a foliated biotite granite member of the Aishikik Suite.

Much of the area surrounding the Intermontane Terrane is underlain by Upper Cretaceous to early Tertiary Carmacks Group volcanics, comprised largely of mafic flood basalts and andesites, with lesser felsic flow and tuffaceous units, and localized basal clastic strata (Open File, Geological Survey of Canada, 2001). Devonian-Mississippian metagranitic and metabasaltic rocks of the Wolverine Creek Suite underlie much of the area south of the BOND property.

Local geology in the area is as described in Northern Tiger's 2008 assessment report, written by Carl Schulze. Most of the BOND property is underlain by a member of the Lower Jurassic Aishikik Suite consisting of felsic to intermediate intrusions. Specifically, the property is underlain by biotite granite to granodiorite gneiss, with local areas of hornblende-biotite granite gneiss, particularly in western and west-central areas. The intrusive rocks are medium to coarse grained, becoming more coarse-grained to the northwest. Moderate foliation overprints the majority of the rocks, increasing in intensity west of the central creek near the Yukon River. Biotite enrichment, including secondary biotite, occurs in this area also, as narrow, likely structurally controlled zones. Across the property, the foliation generally strikes west to southwest and dips moderately to the north or northwest. Weak propylitic (chlorite-epidote) alteration occurs in east-central areas; chlorite alteration after biotite also occurs in central areas.

Minor units of gabbro and andesite tuff identified in central areas have been mapped as Devonian-Mississippian Wolverine Creek metavolcanics and metaintrusives. Late pegmatite dykes are common throughout the property, particularly in northwestern areas.

11.0 TARGET RESPONSE

The geophysical response of porphyry systems varies widely, depending upon differences in alteration and the presence or absence of structural displacements which may dismember the porphyry deposit.

The IP array used in the present survey has a maximum depth of penetration for a steeply dipping target in the order of 250 m. Flat lying or wide steeply dipping targets should be detectable to larger depths. Targets less than 25 m wide are difficult to detect with the 50 m dipoles used in the array. Thin (15-25 m) targets would be expected to produce single slash anomalies whose dip in a pseudosection has no bearing on the dip of the source body. Near surface thin tabular sources or small pods may produce dipole or single station anomalies.

The Bond property exploration target is a variation on a typical copper porphyry deposit such as the nearby Minto or Williams Creek deposits. Chalcopyrite and bornite with only minor pyrite would be the expected sulphide mineralization hosted by strongly deformed Jurassic aged granodiorite rocks.

Capstone Mining has reported success using IP and magnetometer geophysical surveys and follow-up diamond drilling as tools for locating economic deposits on their Minto property. In terms of IP response sufficient quantities of chalcopyrite-bornite sulphide mineralization would produce only a modest chargeability high reflecting the absence of more highly chargeable pyrite sulphide mineralization (Telford et al). The apparent resistivity data should generally map lithologies and some alteration.

12.0 RESULTS

The IP data collected during this survey is generally of good quality. The survey detected a southerly-plunging, apparently linear zone of elevated chargeability greater than 7 mV/V in a background of about 3-5 mV/V. Elevated chargeability values up to 20 mV/V were detected on line 200E. The chargeable zone remains 'open' to the east, south and at depth.

Composite section figures 3, 4 and 5 show pseudo sections of average IP/chargeability, apparent chargeability error and apparent resistivity for survey lines 0E, 100E and 200E respectively. The pseudosections of chargeability and apparent resistivity data have been plotted assuming constant horizontal station intervals. A description of the survey results for each line follows.

Line 0E

There is no high chargeability anomaly visible across the entire survey line with the highest chargeability value being 7 mV/V in a background of 4-6 mV/V.

Line 100E

There is no high chargeability anomaly visible across the entire survey line with the highest chargeability values being 7-8 mV/V in a background of 4-6 mV/V.

Line 200E

A chargeability high response is seen on the apparent chargeability pseudosection centred at approximately 600N. Depth to the top of the body is in the order of 100 metres vertical distance below the surface. The zone of high chargeability appears to have a linear nature plunging towards the south. The resistivity inversion shows the chargeable zone to be within material with relatively low apparent resistivity.

Discussion

An IP response depends on several factors including the type of sulphide mineralization present, the size and shape of sulphide grains, and the volume content of sulphide mineralization. Also rocks containing magnetite, graphite or clay minerals may give rise to increased chargeability readings. All of these factors make it difficult to estimate equivalent sulphide content based solely on chargeability readings.

The IP survey described in this report indicates a linear eastern chargeability high anomaly plunging southwards along line 200E. The values measured and modelled are about one-point-five to four times above background, form a distinct anomaly, and are consistently accompanied by low apparent resistivity.

This suggests disseminated sulphide mineralization may be the causative source of the chargeability anomaly. Alternatively, high chargeability could result from accessory magnetite in unmapped igneous or volcanic rocks which are known to occur in the area. A ground magnetic geophysical survey could be used to determine whether the chargeability high is caused by the presence of magnetite versus sulphide mineralization.

13.0 CONCLUSIONS

The results of the induced polarization survey at the Bond Property support the following conclusions:

- a. There is a 225 metre zone of elevated chargeability defined by surface enclosing material with chargeability in excess of 7 mV/V and up to 20 mV/V in a background of 4-5 mV/V. The causative source may be attributable to disseminated sulphide or magnetite mineralization.
- b. The chargeable zone was detected on one (line 200E) of three 3.0-kilometre parallel north-south survey lines spaced 100m apart for an apparent length in excess of 225 metres along the line. The geophysical survey did not extend east beyond the three survey lines and the zone remains 'open'.
- c. The zone appears to be plunging to southwards, but strike cannot be determined as the anomaly was only detectable on one of the survey lines.
- d. The chargeable zone occupies material modeled to have low apparent resistivity and is located in an area geologically mapped as intrusive granodiorite.

14.0 RECOMMENDATIONS

The following recommendations are made based on the conclusions of this work:

- a. The extent and repeatability of the chargeable zone described in this report should be determined by conducting another IP survey on additional lines to east. An increase in line spacing is recommended to detect anomalous features at depth. Changing the orientation of additional survey lines should also be considered.
- b. The chargeable zone described in this report should also be tested for the presence of economic mineralization by a ground magnetic field survey.
- c. A recommended survey location would be on survey line 200E, as well as additional lines added to the east, in order to test the high chargeability material for the presence of magnetite.
- d. If favourable results are obtained from the magnetic susceptibility and DC resistivity surveys and additional lines outline a sizable anomaly, the target could be drill tested.

15. STATEMENT OF EXPENDITURES

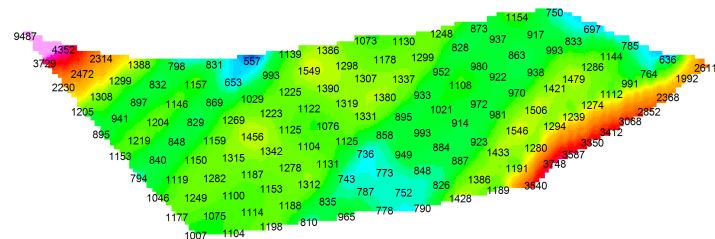
Wages, Project Geologist	3 days @ \$450/day	\$ 1,350
Helicopter (Helidynamics)		\$ 8,820
Camp Costs	26 person days@\$100/day	\$ 2,600
Geophysical Survey		\$34,167.62
Report Writing and drafting	5 days at \$250/day	\$ 1,250
	TOTAL	\$48,182.62

REFERENCES

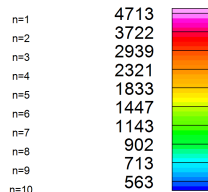
- Davidson, G.S., 2008: Summary Report on the Sonora Gulch Property, Private report for Engineer Mining Corporation.
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- Telford, W.M., L.P. Geldart and R.E. Sheriff, 1990. Applied Geophysics (2nd Edition) New York: Cambridge University Press.
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- Yukon Geological Survey, 2008. Yukon Minfile website, Ministry of Energy, Mines and Resources, Government of Yukon.
- Yukon MINFILE – Mineral Occurrence Map: 115I – Carmacks (1:250,000 scale), 2001. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.

APPENDIX A. COMPOSITE SECTIONS

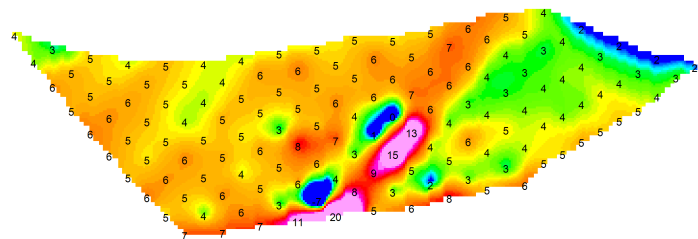
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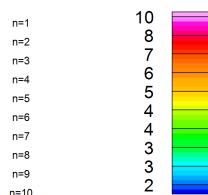
Apparent Resistivity
ohm.m



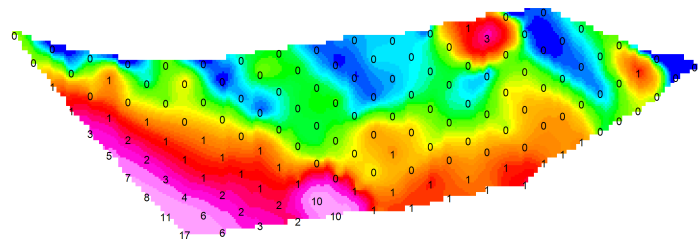
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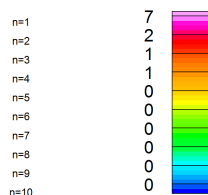
Apparent Chargeability
mV/V



1+00 N 2+00 N 3+00 N 4+00 N 5+00 N 6+00 N 7+00 N 8+00 N 9+00 N

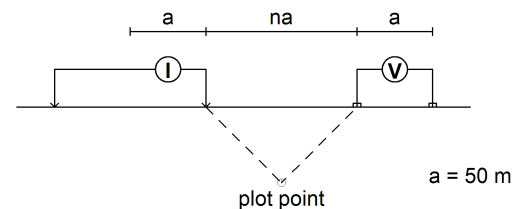


App. Chg. Err.
mV/V



PSEUDOSECTION PLOTS 2+00 E

Modified Pole-Dipole Array



Stationary electrode at 0N (moving N).

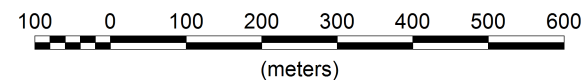
Receiver: Iris ElrecPro

Transmitter: GDD Tx-II 3.6kW

Data File: Bond_IP_Final_Database.gdb

Dates Surveyed : June 8-9, 2011

Scale 1:10000



NORTHERN TIGER RESOURCES

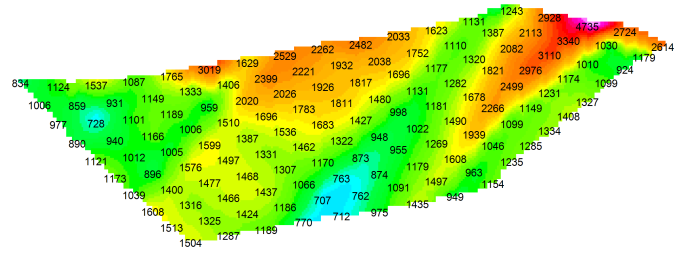
**INDUCED POLARIZATION SURVEY
BOND GRID
PSEUDOSECTION PLOTS 2+00 E**

Mining District: Whitehorse
Date: June 13, 2011

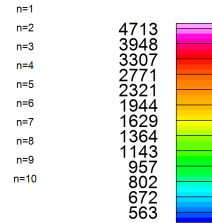
NTS: 115113
Job: NTR-11542-YT

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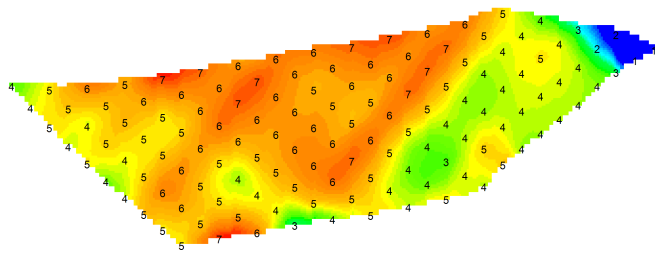
1+00 N 2+00 N 3+00 N 4+00 N 5+00 N 6+00 N 7+00 N 8+00 N 9+00 N



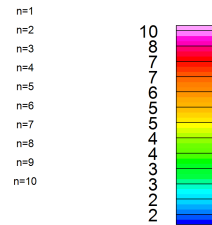
Apparent Resistivity
ohm.m



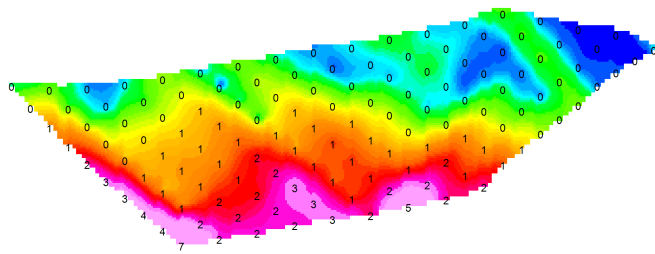
1+00 N 2+00 N 3+00 N 4+00 N 5+00 N 6+00 N 7+00 N 8+00 N 9+00 N



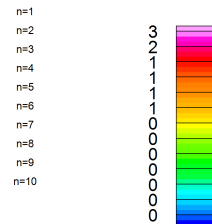
Apparent Chargeability
mV/V



1+00 N 2+00 N 3+00 N 4+00 N 5+00 N 6+00 N 7+00 N 8+00 N 9+00 N

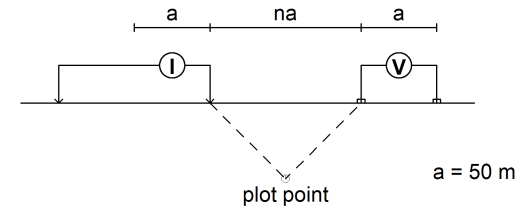


App. Chg. Err.
mV/V



PSEUDOSECTION PLOTS 1+00 E

Modified Pole-Dipole Array



Stationary electrode at 0N (moving N).

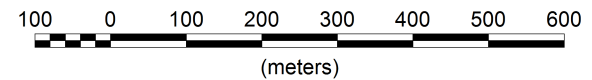
Receiver: Iris ElrecPro

Transmitter: GDD Tx-II 3.6kW

Data File: Bond_IP_Final_Database.gdb

Dates Surveyed : June 8-9, 2011

Scale 1:10000



NORTHERN TIGER RESOURCES

**INDUCED POLARIZATION SURVEY
BOND GRID
PSEUDOSECTION PLOTS 1+00 E**

Mining District: Whitehorse
Date: June 13, 2011

NTS: 115113
Job: NTR-11542-YT

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APPENDIX B. SURVEY LOG



NTR-11542-YT DAILY REPORT FORM

DATE:	June-04-11
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PREPARED BY:
Louis Rosenthal

OPERATIONS		
Item		line-km
Line-cutting		0
IP		0
Total		

LOGISTICS		
Type	Contractor	Hrs or units
Truck - Percy		3
Jet Ranger	Heli-dynamics	2
Persons in town		

PERSONNEL		
Name	Position	In camp?
Louis Rosenthal	Crew Chief	yes
Tomasz Kalkowski	Cutter/IP tech	yes
Stefan Gronsdahl	Brusher/IP tech	yes
Cory Stracker	Brusher/IP tech	yes
Other		
Other		
Total persons in camp		4

OTHER
Weather & seas Raining, 10 degrees
<i>Notes (incidents, other)</i> LR, SG ad TK drive to minto strip and fly directly to the grid. Cut landing zones and sight in all lines. CS still working on camp build.

Samples shipped (Lot #)	
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NTR-11542-YT DAILY REPORT FORM

DATE:	June-05-11
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PREPARED BY:
Louis Rosenthal

OPERATIONS		
Item		line-km
Line-cutting		1
IP		0
Total		

LOGISTICS		
Type	Contractor	Hrs or units
Truck - Percy		0
Jet Ranger	Heli-dynamics	0.8
Persons in town		

PERSONNEL		
Name	Position	In camp?
Louis Rosenthal	Crew Chief	yes
Tomasz Kalkowski	Cutter/IP tech	yes
Stefan Gronsdahl	Brusher/IP tech	yes
Cory Stracker	Brusher/IP tech	yes
Other		
Other		
Total persons in camp		4

OTHER
Weather & seas Raining 10 degrees.
<i>Notes (incidents, other)</i> LR & CS cut LOE from S0N to S500N. SG and TK cut L100E from 0N to 500N.

Samples shipped (Lot #)	
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NTR-11542-YT DAILY REPORT FORM

DATE:	June-06-11
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PREPARED BY:
Louis Rosenthal

OPERATIONS		
Item		line-km
Line-cutting		1.2
IP		0
Total		

LOGISTICS		
Type	Contractor	Hrs or units
Truck - Percy		0
Jet Ranger	Heli-dynamics	0.8
Persons in town		

PERSONNEL		
Name	Position	In camp?
Louis Rosenthal	Crew Chief	yes
Tomasz Kalkowski	Cutter/IP tech	yes
Stefan Gronsdahl	Brusher/IP tech	yes
Cory Stracker	Brusher/IP tech	yes
Other		
Other		
Total persons in camp		4

OTHER
Weather & seas Variable clouds
<i>Notes (incidents, other)</i> LR & CS cut L200E from S0N to S700N. SG and TK cut L100E from 500N to 1000N, picket L100E.

Samples shipped (Lot #)	
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NTR-11542-YT DAILY REPORT FORM

DATE:	June-07-11
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PREPARED BY:
Louis Rosenthal

OPERATIONS		
Item		line-km
Line-cutting		0.8
IP		0
Total		

LOGISTICS		
Type	Contractor	Hrs or units
Truck - Percy		0
Jet Ranger	Heli-dynamics	2
Persons in town		

PERSONNEL		
Name	Position	In camp?
Louis Rosenthal	Crew Chief	yes
Tomasz Kalkowski	Cutter/IP tech	yes
Stefan Gronsahl	Brusher/IP tech	yes
Cory Stracker	Brusher/IP tech	yes
Other		
Other		
Total persons in camp		4

OTHER
Weather & seas Sunny, 20 degrees.
Notes (incidents, other) LR & CS cut L200E from S700N to S1050N and chain the same line. SG and TK cut L0E from 500N to 1000N, picket L0E. Sling transmitter gear to grid in the afternoon and prepare current wires.

Samples shipped (Lot #)	
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NTR-11542-YT DAILY REPORT FORM

DATE:	June-08-11
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PREPARED BY:
Louis Rosenthal

OPERATIONS		
Item		line-km
Line-cutting		0
IP		2
Total		

LOGISTICS		
Type	Contractor	Hrs or units
Truck - Percy		0
Jet Ranger	Heli-dynamics	1
Persons in town		

PERSONNEL		
Name	Position	In camp?
Louis Rosenthal	Crew Chief/RX	yes
Tomasz Kalkowski	IP_current	yes
Stefan Gronsdahl	IP_cables	yes
Cory Stracker	IP_TX	yes
Other		
Other		
Total persons in camp		4

OTHER
Weather & seas Sunny, 20 degrees.
Notes (incidents, other) IP crew surveys lines 0E and 100E

Samples shipped (Lot #)	
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NTR-11542-YT DAILY REPORT FORM

DATE:	June-10-11
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PREPARED BY:
Louis Rosenthal

OPERATIONS		
Item		line-km
Line-cutting		0
IP		0
Total		

LOGISTICS		
Type	Contractor	Hrs or units
Truck - Bertha		3
Jet Ranger	Heli-dynamics	2
Persons in town		

PERSONNEL			
Name	Position	In camp?	
Louis Rosenthal	Crew Chief/RX	no	
Stefan Gronsdahl	IP_cables	no	
Cory Stracker	IP_TX	no	
Other			
Other			
Total persons in camp			4

OTHER
Weather & seas Sunny, 20 degrees.
Notes (incidents, other) Sling equipment back to Minto strip, load into Bertha and drive back to office.

Samples shipped (Lot #)	
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AURORA GEOSCIENCES

Whitehorse Office

34A Laberge Rd.

Whitehorse, YT Y1A 5Y9

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Fax: (867) 393-3577

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MEMORANDUM

To: Dennis Ouellette

Date: June 14, 2011

From: Louis Rosenthal

Re: Bond IP & Line cutting

This memorandum is a field report describing the line-cutting and geophysical survey conducted on the Bond claims in the Whitehorse mining district, Yukon Territory. A modified pole-dipole induced polarization (IP) survey was conducted on three 1km N-S lines situated in the Bond claims on the south bank of the Yukon River. Aurora Geosciences personnel were in the Sonora Gulch exploration camp for a total of 7 days between June 4, 2011 and June 10, 2011. A full survey log describing daily operations is attached to this report.

Line-cutting was performed over the course of 3.5 days. The Bond IP Grid was surveyed using a 10 channel 50m modified pole-dipole array for a total of 3 line-km. Data quality was excellent on all lines.

a. Crew and equipment.

The following personnel conducted the surveys:

Louis Rosenthal	Crew chief	June 4-June 10, 2011
Cory Straker	Brusher/IP tech	June 4-June 10, 2011
Stefan Gronsdlal	Line cutter /IP tech	June 4-June 10, 2011
Tomasz Kalkowski	Brusher/IP tech	June 4-June 9, 2011

The crew was equipped with the following instruments and equipment:

IP receiver	1	Iris Elrec Pro
IP transmitter	1	GDD TxII 3.6 kW
Generator	1	Honda 5kW generator
IP equipment	1	Repair tools & spare IP parts
	3 km	14 gauge wire
	5	VHF handheld radios
		Georeels & spools, 50m 10 pin IP cables, stainless steel electrodes
Other	1	Laptop with Geosoft IP package
	1	Satellite phone

b. Survey specifications.

The modified pole-dipole survey was performed according to the following specifications:

Array	Modified pole-dipole
Dipole spacing	50 m
Dipoles Read	N=1 through 10
Tx	Time domain, 50% duty cycle, reversing polarity, 0.125 Hz.
Stacks	Minimum 15
Rx error	5 mV/V or less, otherwise repeated
Grid registration	Handheld GPS points at line ends and every 100m minimum averaged 60 s or until estimated accuracy < 10 m, whichever was longer. All coordinates in NAD83 UTM Zone 8N.
Repeats	A minimum of three repeats per station in the area of interest and less in the other areas if the Rx error was below 5 mV/V.

c. Data Processing.

Data was downloaded nightly from the receiver and imported into Geosoft Oasis Montaj IP package. Every reading was inspected and readings which did not repeat were rejected from the database. Apparent resistivity was recalculated using a four electrode equation assuming a homogeneous earth. Average apparent resistivity and chargeability were calculated using a weighted mean based on the number of stacks and the standard deviation of the chargeability.

GPS points were dumped from the non-differential handheld units and the coordinates for the stations determined by linear interpolation between stations.

Pseudosections of apparent resistivity, apparent chargeability and apparent chargeability error, draped over topography, were produced with Oasis Montaj. These pseudosections are included with this report in PDF format as well as packed Oasis Montaj map files.

d. Products.

The following files are included in the digital version of this report:

Final data\Bond_IP_Final_database.*	Final data in Geosoft GDB and ASCII XYZ format.
Final data\channels.txt	A description of channels in the IP databases
Final data\Bond_GPS_Final.txt	Final GPS database.
Packed maps*.map	Pseudosections and location map in Geosoft map format.
PDFs*.pdf	Pseudosections and location map in PDF format.
Raw data\	Contains all the IP receiver and GPS instrument dump files, organized by date.
NTR-11542-YT Field Report.pdf	A PDF of this report.
NTR-11542-YT Daily crew log.pdf	Daily crew log.

Respectfully submitted,
Louis Rosenthal
AURORA GEOSCIENCES LTD.

APPENDIX C. CERTIFICATE OF AUTHORS

APPENDIX C-1, CERTIFICATE OF AUTHOR

I, Bonnie Pollries, B.Sc., G.I.T., hereby certify that:

1. I am currently employed by Northern Tiger Resources Inc. as an Exploration Geologist, located at the following address:

Suite 220, 17010-103 Ave
Edmonton, AB
T5S 1K7

2. I graduated with a Bachelor of Science degree with Specialization in Geology from the University of Alberta, Edmonton, Alberta, in 2009.

3. I am registered with the following professional organizations:

Geologist in Training with The Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA) since 2009, member number 88908.

4. I have worked as a Geologist since graduation with a Bachelor of Science degree from the University of Alberta in 2009.

5. I have read the definition of a “qualified person” set out in National Instrument 43-101 (NI 43-101) and certify by reason of my education, work experience and registration with APEGGA that I do not fulfill the requirements to be a “qualified person” for the purposes of NI 43-101.

6. I am responsible for the preparation, in part, of the technical report titled “Ground Induced Polarization Survey at the Bond Property, Dawson Range Area, Yukon Territory”. The report, dated December 23, 2011, was prepared for Northern Tiger Resources Inc., relating to the Bond Property.

7. I currently hold options to purchase stock in Northern Tiger Resources Inc.

8. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible by the public.

Dated: January 9, 2012



Bonnie E. Pollries, B.Sc., G.I.T.

APPENDIX C-2. CERTIFICATE OF SUPERVISOR

I, Dennis Ouellette, B.Sc., P.Geol., hereby certify that:

1. I am currently employed by Northern Tiger Resources Inc. as Vice President of Exploration, located at the following address:

Suite 220, 17010-103 Ave
Edmonton, AB
T5S 1K7

2. I graduated with a Bachelor of Science degree in Geology from the Brandon University, Brandon, Manitoba, in 1984.
3. I am registered with the following professional organizations:

Professional Geologist with The Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA) since 2009, member number 104257.

4. I have worked as a Geologist since graduation with a Bachelor of Science degree from the Brandon University in 1984.
5. I have read the definition of a “qualified person” set out in National Instrument 43-101 (NI 43-101) and certify by reason of my education, work experience and registration with APEGGA that I fulfill the requirements to be a “qualified person” for the purposes of NI 43-101.
6. I am responsible for the preparation, in part, of the technical report titled “Ground Induced Polarization Survey at the Bond Property, Dawson Range Area, Yukon Territory”. The report, dated December 23, 2011, was prepared for Northern Tiger Resources Inc., relating to the Bond Property.
7. I currently hold options to purchase stock in Northern Tiger Resources Inc.
8. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible by the public.

Dated: January 9, 2012

Dennis Ouellette, B.Sc., P.Geol.