

TECHNICAL REPORT 2012

## TAS COPPER GOLD COPPER PROPERTY

Inzana Lake Area, Fort St. James, B.C.

Omineca Mining Division

BCGS Map 093K099 NTS Map 093K16W

Latitude 54° 54' 17" N Longitude 124° 18' 38" W

UTM 10 (NAD 83) Northing 6084975 Easting 415970

Prepared for:

### RICH ROCK RESOURCES INC. and INZANA METALS INC.

Suite 413, Bentall 3, 595 Burrard Street  
P.O. Box 49096, Vancouver, British Columbia,  
V7X 1G4 Canada  
Tel: (604) 569-0010 Fax: (604) 569-0039

prepared by

### B.J. PRICE GEOLOGICAL CONSULTANTS INC.

Barry J. Price, M.Sc., P.Geol.  
Ste. 831 - 470 Granville Street, Vancouver BC., V6C 1V5  
Tel 604-682-1501 Fax: 604-642-4217  
bpricegeol@telus.net

NOVEMBER 15, 2012

**2012 TECHNICAL REPORT, TAS GOLD COPPER PROPERTY**

Inzana Lake, Fort St. James BC. Omineca M.D.

***RICH ROCK RESOURCES INC. and INZANA METALS INC.*****SUMMARY**

The author was retained by Rich Rock Resources Inc. (Rich Rock) and Inzana Metals Inc. (Inzana) to update a NI 43-101 compliant Technical Report originally prepared March 2012 for the Tas copper gold porphyry property situated near Inzana Lake, Fort St. James area British Columbia. This current Technical report includes geophysical work completed from 2011 to 2012. Inzana Metals Inc., a wholly owned subsidiary of Rich Rock, purchased the property from Rich Rock in February 2012.

The Tas gold copper property (17 mineral claim titles totaling 6136.5 hectares) is located in north-central British Columbia 50 kilometers north of Fort St. James adjacent to Inzana Lake. The Property is situated within the Quesnel Terrane, part of the Intermontane Belt. The Takla Group host unit is composed of late Triassic to early Jurassic volcanics and sediments with alkalic coeval plutons.

The property lies within a strongly mineralized belt which includes several porphyry copper-gold deposits, many of which have been drilled extensively with continuing exploration.

Several zones are identified to date;

- the original ***Freegold showing***, a quartz-carbonate altered zone with visible gold, and the ***Ridge Zone***, encompassing several sub-zones, 300 meters north where much of the exploration work to date is complete.
- ***The Ridge zone*** is an area approximately 1200 x 600 meters containing coincident copper-gold soil anomalies, a large induced polarization anomaly and a broad zone of biotite-rich potassic alteration developed in altered and hornfelsed tuff cut by swarms of northeast striking porphyry dikes and intrusion breccia. Compilation of the large Noranda database this year established a much larger, bulk tonnage gold-copper target on the Ridge Zone than previously thought and a new southeast target some 800 meters long sourced from a previously unknown intrusion breccia.

Two bulk samples mined from the East zone were trucked to Westmin Silbak Premier Mines north of Stewart. The Mill determined the samples to be 16.54 tonnes of 51.20 gpt Au (From sulphide mineralization) and 15.888 tonnes of 19.07 gpt Au ( from magnetite mineralization). Gold recovery was said to be 93.8% using cyanide leach. The ore contained no deleterious elements and no penalties were assessed.

Black Swan Resource completed preliminary (resource) estimations in 1988-89 on the East and West zones. Drill inferred tonnage (1988) is 54,000 tonnes @ 0.2 opt gold in the East zone and 32,700 tonnes of 0.2 opt gold in the West zone for a total of 86,700 tonnes@ 0.2 opt gold (6.86 grams/tonnes. (Source: D Halleran 1989). The author does not have the original estimate or any supporting data.

**\*Neither the company nor the author has verified the above estimation, which is preliminary and historical and is not construed to be a current resource, and should not be relied upon.**

Current work is centered on gold-copper bulk tonnage target some 2000 x 1000 meters in area. Accordingly, the Company resolved to focus its exploration efforts on further developing the historically outlined high-grade zones and to test the porphyry style mineral deposit potential.

The property has sufficient area for exploration and development. Rich Rock has a permit for exploration of the property. There are no conflicting surface rights and no known environmental or social issues known to the author attached to the property. The company maintains a good relationship with the local First Nations group. Two main showing areas are known as the Free Gold Zone and the Ridge Zone.

Soil sampling geochemistry shows highly elevated gold and copper in soils overlying the Ridge Zone. The copper anomaly with >300 ppm. encompasses an area 2500 x 1000m having a central area of high gold 1800 x 800m. These anomalies overlie gold mineralized rocks of the Ridge Zone prospects. In addition, a new copper-in-soil target - the Southeast anomaly covers an area roughly 1100 x 300 meters. These dimensions suggest widely disseminated porphyry style mineralization in addition to the more local high gold tenor zones developed to date on the Ridge Zone. The presence of widespread copper-gold geochemical targets suggests additional porphyry style targets may exist on the property.

In June 2010, an airborne geophysical survey was completed over the central part of the Tas property. Canadian Mining Geophysics Ltd. (CMG) completed a helicopter-borne survey of 110 line-kilometers including magnetic gradiometer, VLF-EM & radiometric surveys, all described in detail in the 2010 Technical report (Price 2010)

Work completed by Rich Rock in 2011 consisted of line cutting, 36 km of ground magnetic surveys and 32 km of 3D IP (Induced Polarization) conducted by SJ Geophysics. The Southeast zone was identified as a moderate chargeability anomaly (40ms) extending to depth along with a large chargeability high (>40ms) and resistivity low extending throughout the central part of the grid area.

Work completed in 2012 included infill line cutting and marking and infill magnetic and IP surveys. The 2012 Tas grid acts as an infill to a larger and coarser grid surveyed by the same company (SJ Geophysics) in 2011. The purpose of the smaller dipole and line spacing of the 2012 survey was to provide better near-surface resolution of the features of interest.

Near the Ridge zone mineralization, a deep chargeability anomaly (>50ms) immediately north of the zone forms a roughly circular chargeability anomaly enclosing a central chargeability low centered on the Mid zone, possibly a deep porphyry target zone comprising alteration and low pyrite content coincident with near-surface potassic alteration and a K radiometric anomaly.

## RECOMMENDATIONS

A brief review of the airborne geophysical maps and new magnetic and 3 Dimensional IP data suggests numerous untested potassic radiometric, magnetic and IP targets exist. From a review of the surveys, the author, in consultation with Dr. Peter Fox, Ph.D, P.Eng. of Rich Rock, has selected 16 drill holes on various targets totaling 7,100 meters on the targets.

The following recommendations are made:

- Continue compilation of older data and maps, drill data and intercepts as the present author has done for the 2002 drill holes.
- Locate re-log and resample all available core from past drilling, some of which was not split or assayed. Use a diamond saw to obtain core samples, or take the whole core if absolutely necessary (i.e. if core is in poor condition)
- From this create a computerized drillhole database
- Initiate drilling of geophysical and geochemical anomalies. Test the new radiometric, magnetic and 3D-IP anomalies.
- Pursue the long mineralized gold-copper sections encountered in the 2002 drilling at the West Zone.
- Determine if the molybdenum signature is sourced in an intrusive porphyry at depth
- Complete some deeper holes on the known targets.
- Maintain a typical QA/QC program on core sampling such as was done in 2002.
- If results warrant, initiate a resource mode and metallurgical testing.

There are two targets to focus upon:

1. The historical gold vein/shear mineralization.
2. The porphyry copper gold target.

The Phase I budget, with contingency and HST added has been estimated at \$1,700,000. This would be followed, if results warrant, by a second phase of drill and other studies estimated to cost \$3,050,000. Total for both phases would be \$4,750,000.

The budgets have been prepared with care, but the estimates should be revised when the various components are being set out for tender. The author does not guarantee that the above noted programs can be completed for the stated costs.

Respectfully submitted

**B. J. Price Geological Consultants Inc.**  
**Barry James Price, M.Sc., P. Geo.,**  
**Qualified Person, November 15, 2012**



**2012 TECHNICAL REPORT, TAS GOLD COPPER PROPERTY**

Inzana Lake, Fort St. James BC. Omineca M.D.

*RICH ROCK RESOURCES INC. and INZANA METALS INC.*

**TABLE OF CONTENTS**

**SUMMARY ..... II**

**RECOMMENDATIONS ..... IV**

**2012 TECHNICAL REPORT, TAS GOLD COPPER PROPERTY ..... V**

**TABLE OF CONTENTS ..... V**

**INTRODUCTION AND TERMS OF REFERENCE..... 1**

**RELIANCE ON OTHER EXPERTS ..... 1**

**THE COMPANY..... 1**

**PROPERTY DESCRIPTION AND LOCATION ..... 2**

**FIGURE 1. LOCATION MAP OF B.C. .... 3**

**FIGURE 2. SKETCH OF CLAIMS AND GEOPHYSICAL GRID ..... 4**

**FIGURE 3. SKETCH OF CLAIMS AND MINERALIZED ZONES ..... 5**

    LOCATION..... 6

    SALE AGREEMENT ..... 6

    HALLERAN OPTION AGREEMENT ..... 6

**ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY..... 6**

**HISTORY ..... 7**

    MINERAL PROCESSING AND METALLURGICAL TESTING: ..... 8

    HISTORICAL RESOURCE ESTIMATE..... 8

**GEOLOGICAL SETTING..... 9**

    REGIONAL GEOLOGY ..... 9

    LOCAL GEOLOGY ..... 10

**FIGURE 4. REGIONAL GEOLOGY (FOX, 2009) ..... 11**

**DEPOSIT TYPES ..... 12**

**MINERALIZATION ..... 12**

**FIGURE 5. LOCAL GEOLOGY (FOX 2011)..... 13**

**EXPLORATION..... 15**

    2010 EXPLORATION ..... 15

    RADIOMETRIC SURVEY..... 15

**FIGURE 6. LOCATION OF 2010 HELICOPTER GEOPHYSICAL SURVEY ..... 16**

**FIGURE 7. RADIOMETRIC SURVEY 2010 ..... 16**

**FIGURE 8. REGIONS OF INTEREST SELECTED BY CMG. 2010** ..... 18

**FIGURE 9. GEOPHYSICAL GRID 2011** ..... 18

**FIGURE 10. 2011 MAGNETIC INTERPRETATION** ..... 20

    2011 MAGNETIC SURVEY ..... 20

    2011 INDUCED POLARIZATION SURVEY ..... 21

**FIGURE 11. 2011 INTERPRETATION OF CIP CHARGEABILITY AT 350 M DEPTH** ..... 22

    INTERPRETATION ..... 22

**2012 GEOPHYSICAL SURVEYS** ..... 24

**MAGNETIC SURVEY** ..... 24

**IN-FILL IP SURVEY** ..... 24

**FIGURE 12. COMBINED 2011 AND 2012 GRIDS** ..... 26

**FIGURE 13. COMBINED 2011-2012 MAGNETIC SURVEY PLAN** ..... 26

**FIGURE 14. COMBINED GRIDS AND MAJOR GEOLOGICAL FEATURES 2012** ..... 28

**FIGURE 15. 2012 CHARGEABILITY PLAN AT DEPTH 250 M BELOW SURFACE** ..... 29

**FIGURE 16. 2012 INTERPRETED RESISTIVITY 250 M BELOW AURFACE** ..... 29

**FIGURE 17. 2012 ISOMETRIC VIEW OF INTERPRETED RESISTIVITY ANOMALIES** ..... 31

**DRILLING** ..... 31

**SAMPLE PREPARATION, ANALYSES AND SECURITY** ..... 32

**DATA VERIFICATION** ..... 32

**ADJACENT PROPERTIES** ..... 32

**MINERAL PROCESSING AND METALLURGICAL TESTING** ..... 32

**MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES** ..... 32

**OTHER RELEVANT DATA AND INFORMATION** ..... 32

**INTERPRETATION AND CONCLUSIONS** ..... 33

**RECOMMENDATIONS** ..... 34

**FIGURE 18. INTERPRETATION OF TARGETS FROM 2012 SURVEYS** ..... 35

**FIGURE 19. PRELIMINARY DRILL TARGETS FOR 2012** ..... 36

    PROPOSED PROGRAM AND TARGETS ..... 37

**FIGURES 20 AND 21 EXAMPLES OF PROPOSED DRILL LOCATIONS (2012)** ..... 38

**SUGGESTED INITIAL BUDGET** ..... 39

    PHASE 1 ..... 39

    PHASE II ..... 40

**NOVEMBER 15, 2012** ..... 40

**REFERENCES** ..... 41

**CERTIFICATE OF QUALIFIED PERSON BARRY J. PRICE, P. GEO. QUALIFIED PERSON** ..... 43

**TECHNICAL REPORT - TAS COPPER-GOLD PROPERTY**

Inzana Lake area, Fort St. James BC.

Rich Rock Resources Inc. and Inzana Metals Inc.

**INTRODUCTION AND TERMS OF REFERENCE**

The author was retained by Rich Rock Resources Inc. (Rich Rock) and Inzana Metals Inc. (Inzana) to update a NI 43-101 compliant Technical Report for the Tas property originally completed in 2010. This current Technical report includes work completed in 2011 and 2012. Inzana Metals Inc., a wholly owned subsidiary of Rich Rock, purchased the property from Rich Rock in February 2012. The author inspected the property on June 16, 2010 accompanied by Derry Halleran, original property owner and Ken MacDonald, P.Geo., consultant based in Prince George BC.

Because of the large amount of previous exploration data since 2008, this report must necessarily be a summary. Technical data from the 2008 limited program is omitted. The reader is referred to the original Technical Report for additional details.

**RELIANCE ON OTHER EXPERTS**

In this report the author has reviewed several reports written by Dr. Peter Fox, Ph. D., P.Eng., an experienced and respected geological engineer and Senior Project Geologist for Rich Rock, including the report titled: Project Report, Tas Gold-Copper Property, Omineca Mining Division, dated January 30, 2009 and Assessment Reports for the work done in 2011 and 2012. The author reviewed geophysical reports by Dugald Dunlop, B.Sc. (Meridian Mapping) and Alex Tryon, B.Sc. (SJ Geophysics). Numerous other assessment reports by experienced geologists and engineers have also been referenced as are listed in the appropriate section entitled References. The present author is solely responsible for the conclusions, recommendations and suggested exploration budget in this report.

**THE COMPANY**

Rich Rock Resources Inc. (Rich Rock) and Inzana Metals Inc. (Inzana) are both private companies. Eagle Peak has sold its Tas property, held under option from A.D. Halleran, prospector, to Rich Rock, and Rich Rock has sold its interest in the property to Inzana, which remains a wholly-owned subsidiary of Rich Rock.

## PROPERTY DESCRIPTION AND LOCATION

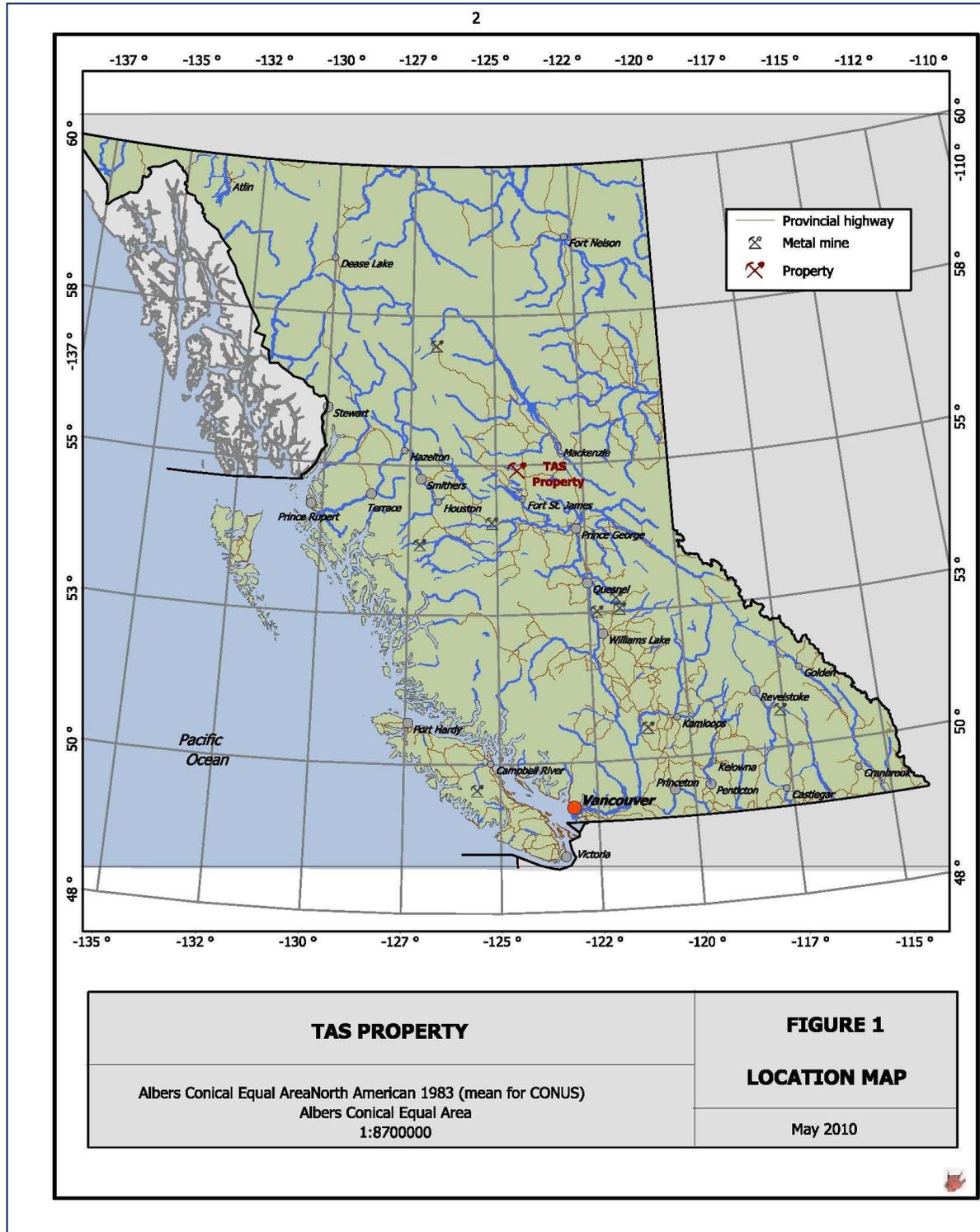
The following claims are registered in the name of Inzana Metals Inc. a subsidiary of Rich Rock Resources Inc.. Claims and location are shown in Figures 1-3.

INZANA METALS INC.						
TAS PROPERTY MINERAL TITLES						
November 14 2012						
Tenure Number	Claim Name	Owner	Map Number	Issue Date	Good To Date	Area (ha)
531596		264568 (100%)	093K	2006/apr/10	2015/dec/20	446.34
531598		264568 (100%)	093K	2006/apr/10	2015/dec/20	371.95
531600		264568 (100%)	093K	2006/apr/10	2015/dec/20	427.87
531603		264568 (100%)	093K	2006/apr/10	2015/dec/20	223.27
531606		264568 (100%)	093K	2006/apr/10	2015/dec/20	427.62
583517	TAS 4	264568 (100%)	093K	2008/may/02	2015/dec/20	446.524
583518	TAS 5	264568 (100%)	093K	2008/may/02	2015/dec/20	428.064
583519	TAS 6	264568 (100%)	093K	2008/may/02	2015/dec/20	409.31
594222	TASLIN	264568 (100%)	093K	2008/nov/13	2015/dec/20	260.28
596971	TASLIN	264568 (100%)	093K	2009/jan/04	2015/dec/20	464.72
596972	TASLIN-2	264568 (100%)	093K	2009/jan/04	2015/dec/20	185.84
596973	TASLIN N	264568 (100%)	093K	2009/jan/04	2015/dec/20	464.65
598042	TASLIN-3	264568 (100%)	093K	2009/jan/26	2015/dec/20	223.12
598043	TASLIN-4	264568 (100%)	093K	2009/jan/26	2015/dec/20	464.60
598044	TASLIN-5	264568 (100%)	093K	2009/jan/26	2015/dec/20	334.53
601410	TAZ NE	264568 (100%)	093K	2009/mar/20	2015/dec/20	278.83
601737	TAS E 2	264568 (100%)	093K	2009/mar/27	2015/dec/20	278.98
17 titles						6136.51

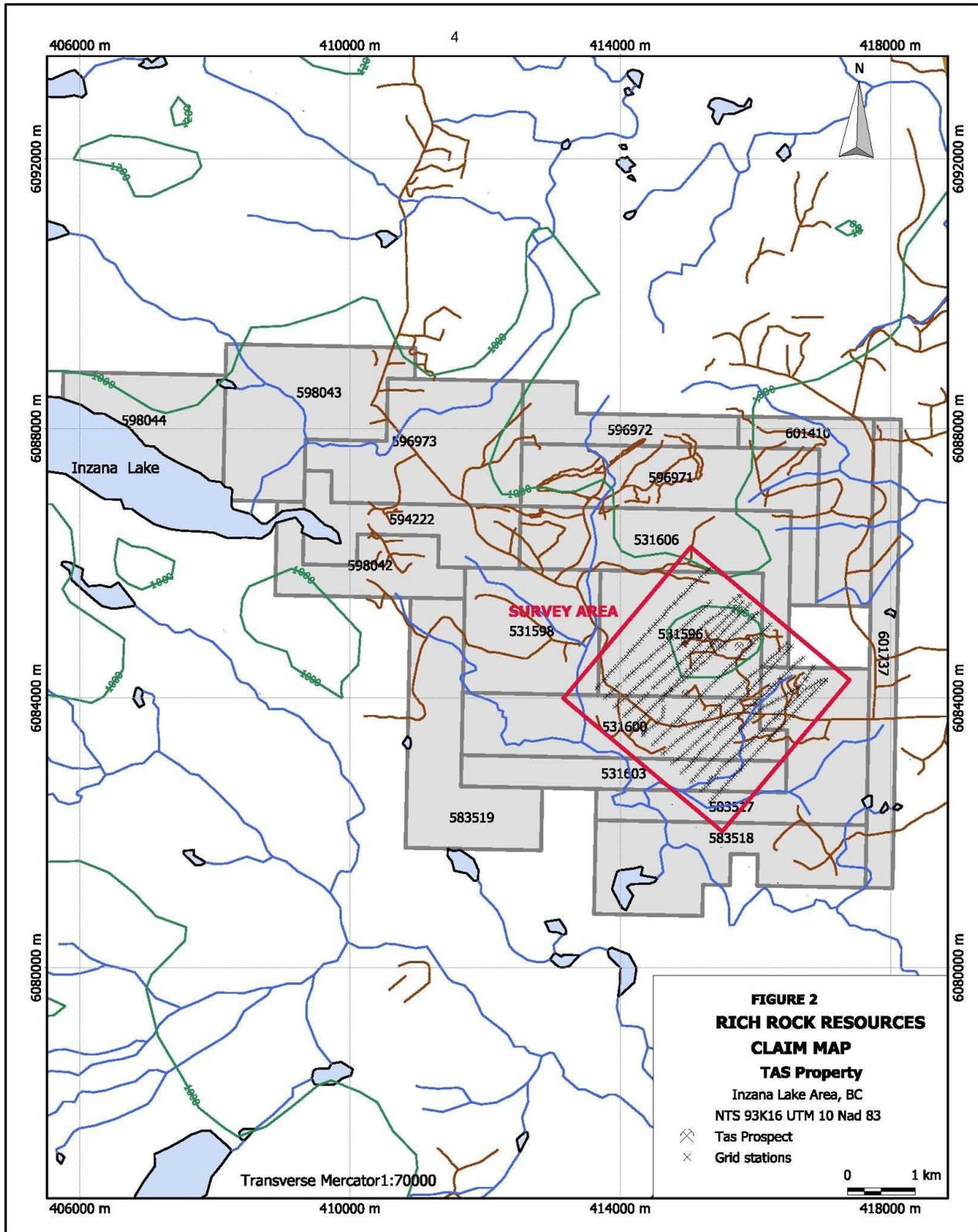
In total the two claim groups cover 17 titles with 6136.5 hectares. The claims are not surveyed but are referenced to geographic points of Latitude/Longitude and UTM coordinates which may be precisely located in the field. The claims have adequate land for exploration and development purposes. The claims cover a number of historical gold and copper showings as described elsewhere in this report. The property has sufficient area for exploration and development.

Rich Rock has obtained a permit (No MX 13-232) for forthcoming exploration and has filed a reclamation bond of \$36,000. There are no known conflicting surface rights and no environmental or social issues known to the writer. Two main showing areas are known as the Free Gold Zone and the Ridge Zone, which has a number of subzones. Xstrata Canada Corporation owns one alien claim within the boundaries of the Tas claims (Title 550959). Rich Rock has fulfilled all the terms of the pre-existing option with D. Halleran for the original claims. An infill magnetometer and IP survey were recently completed and results were recently obtained which has led to the current revision of this report. The claims are in good standing to December 20, 2015 before which date additional work must be completed.

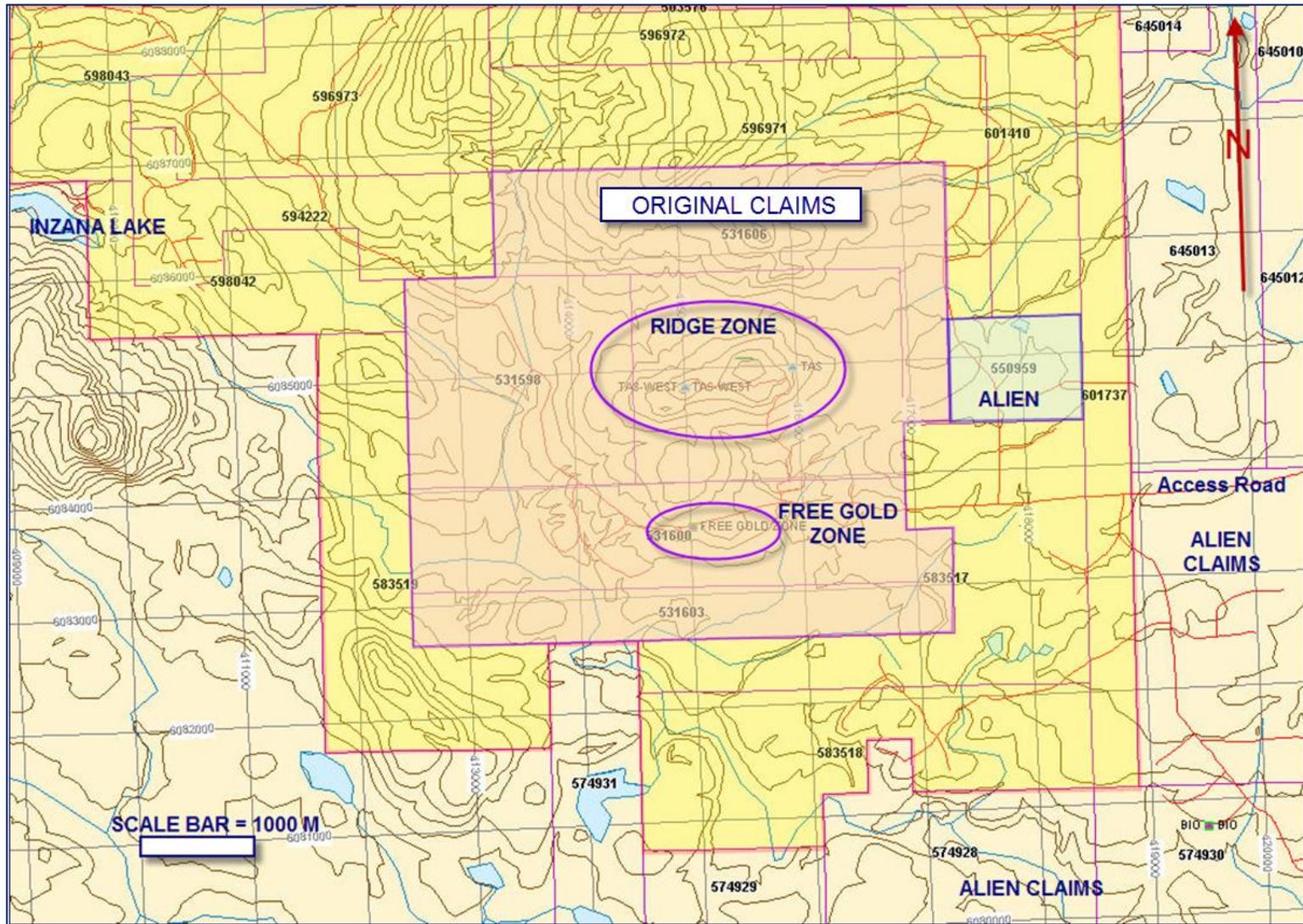
**FIGURE 1. LOCATION MAP OF B.C.**



**FIGURE 2. SKETCH OF CLAIMS AND GEOPHYSICAL GRID**



**FIGURE 3. SKETCH OF CLAIMS AND MINERALIZED ZONES**



### ***Location***

The Tas Property is situated 50 km almost due north of the town of Fort St. James, in North-Central British Columbia on map sheet 93-K-16W. The property is located in the Omineca Mining Division, approximately 7 kilometers southeast of the eastern end of Inzana Lake on Tasincheke Creek, in an area informally known as Butchers Flat. Distance (straight line) to Prince George (SE) is about 150 kilometers and to Mackenzie (NE) about 90 kilometers. Geographical coordinates of the center of the property are approximately UTM 10N: 415542 East and 6084914 m N., or in Latitude and Longitude: 54° 54' 15" N, 124° 19' 2" W. Location is shown in Figures 1-3.

### ***Sale Agreement***

Rich Rock has sold 100% of its interest in the property to its wholly owned subsidiary, Inzana Metals Inc. a private company (Incorporation Number BC0916230) with Address 413-595 Burrard St., PO Box 49046 Vancouver BC, Canada V7X 1G4 (FMC Certificate Number 110180761).

### ***Halleran Option Agreement***

The four original claims were optioned from prospector A.D. Halleran of Fort St. James by Eagle Peak on February 29 2008 as covered by a formal agreement amended February 17, 2009. Eagle Peak has earned a 100% interest from Halleran by a series of cash payments and work obligations. The purchase agreement between Eagle Peak Resources Ltd and Rich Rock allowed Eagle Peak to transfer its rights and obligations under the option agreement and Inzana Metals Inc. has exercised its option to purchase.

The claims are subject to the greater of a 3% NSR to A.D. Halleran, or payments of \$50,000 per year with all or a portion of a 2% of the NSR purchasable for \$500,000 for each one-half of 1%.

## **ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY**

Access to the property is via the Germansen North Road and then west on the Inzana Lake Forestry Road for 10 kilometers. A network of logging roads covers the area, but the author has no information on their condition. Fort St. James can be reached by one long day driving time from Vancouver, or in 3-4 hours from Prince George. Four wheel drive vehicles are recommended. For extended programs, an exploration camp with comfortable accommodation, and reliable communication is suggested.

Climate of the area is typical of north-central BC with long winters and warm summers. Practically, work should be done between May and October, although drilling could be done earlier and later, dependent on snow conditions.

There is no infrastructure in the immediate area of the claims. Supplies and services are available in Fort St. James, Mackenzie, or Prince George. Vehicles can be rented in Prince George, and there are several flights a day into Prince George. Several drilling companies operate out of Smithers BC. Accommodation and meals (by arrangement) are available at Inzana Lake Lodge on the nearby Inzana Lake.

The main physiographic feature of interest on the central claims is the east-west-trending forested Ridge Zone, on which iron-stained rocks rise up to 125 meters higher than a valley elevation of 1100 meters. The northwestern end of the large Butchers Flat outwash plain is covered and outcrop is scarce except on the Ridge Zone itself. The area between and peripheral to outcrop is mantled by glacial and glaciofluvial deposits. Relief on the property is subdued and topography is not a problem, apart from areas of swamp.

## HISTORY

The property has been explored intermittently since the 1960's. The complete history has been provided in the previous NI 43-101 report filed, but is again summarized below: (from Halleran 1989):

The Tas claims were staked by A.D. Halleran in 1984 to cover copper mineralization within diorite exposed in a new road discovered while prospecting the flanks of a Mag high. In 1984 the property was optioned to Noranda Inc. Below is a brief summary of work and results, zones are shown on Figure # 5.

- 1984-8; Noranda carried out soil sampling, ground MAG, IP and geological mapping. The Freegold zone (visible gold in silica/carbonate flooding) was discovered.
- 1986: Geochemical sampling. extended over the gossanous zones on the ridge in the center of the claims. discovered a strong, 1.8 km long E-W gold soil anomaly (Ridge Zone). Follow up trenching within the Ridge Zone located several north-south gold bearing sulphide shear zones (East, Mid and West zones).
- 1987-88: Geophysics (IP and Mag). chip sampling, diamond drilling and percussion drilling were carried out mostly over the East, Mid and West zones of the Ridge zone. Additional targets were identified. It was concluded that the deep overburden on the property masked and muted geochemical and geophysical results.
- 1988-1989: Noranda sub-optioned the property to Goldcap Inc. Goldcap sub-optioned the property to Black Swan Gold Mines Ltd. Additional surveys and diamond drilling discovered the 19 and 21 zones (also within the Ridge zone), and confirmed strike and depth extensions for the previously discovered zones. Black Swan completed preliminary ore calculations on the East and West zones. Drill interred tonnage (1988) is 54,000 tonnes @ 0.2 opt in the East zone and 32,700 tonnes of 0.2 opt in the West zone. additional drilling and trenching resulted in increased tonnage (not reported). Geophysics. trenching and drilling discover copper-gold mineralization, subsequently called the 61 zone. The 61 zone lies between the Freegold zone and West zone. Geophysical anomalies indicates these zones are contiguous along strike (Strike length - 1.3 km)
- 1989-1992: Disagreements between Noranda, Gold Cap Inc., and Black Swan Gold Mines Ltd. results no work on the property. The options are allowed to lapse.

- 1993: A.D. Halleran blasted two hulk samples (32.5 tonnes) from the East zone (averaged 35.46 g/tonne). Milling by Silbak Premier Mines resulted in 93.8% gold recovery (1150 g of gold) with no penalties.
- 1999: Omni Resources optioned the property and drilled approximately 700 meters of diamond drilling. Drilling by Omni discovered a new- bulk tonnage Au zone, just northeast of the West zone. This zone, semi-massive to massive sulphides. is theorized to run east-west parallel to the 1.1 kilometer east-west gossanous ridge (nearly flat lying).
- 2002: Navasota drilled 1270.11 meters in 7 diamond drill holes. Navasota extended the West zone and discovered a new- zone of disseminated to massive sulphides with true widths in excess of 50 meters and tested for 200 meters along section. Massive sulphides were encountered in all drill holes. Visible gold was noted in two areas of silica flooding (similar to the Free-gold zone). Navasota stated "The presence of low-grade (0.3 to 1.0 g/tonne) gold over large intercepts (16m) highlights the potential for bulk tonnage open pit tablc mineralization in the West zone". Navasota re-assayed sections of older drill core not assayed and found previously unreported gold intercepts (ex. 1m of 0.5 opt) and noticed visible gold in silica flooding within the older core.

#### ***Mineral Processing and Metallurgical Testing:***

Two bulk samples mined from the East zone were trucked to Westmin Silbak Premier Mines north of Stewart. The Mill determined the samples to be 16.54 tonnes of 51.20 gpt Au (From sulphide mineralization) and 15.888 tonnes of 19.07 gpt Au ( from magnetite mineralization). Gold recovery was said to be 93.8% using cyanide leach. The ore contained no deleterious elements and no penalties were assessed.

#### ***Historical Resource Estimate***

Black Swan Resource completed preliminary (resource) estimations in 1988-89 on the East and West zones. Drill inferred tonnage (1988) is 54,000 tonnes @ 0.2 opt gold in the East zone and 32,700 tonnes of 0.2 opt gold in the West zone for a total of 86,700 tonnes@ 0.2 opt gold (6.86 grams/tonnes. (Source: D Halleran 1989). The author does not have the original estimate or any supporting data.

**\*Neither the company nor the author has verified the above estimation, which is preliminary and historical and is not construed to be a current resource, and should not be relied upon.**

2008: Eagle Peak Resources optioned the property in 2008 and completed 20 km of new grid work and commenced a compilation of all prior data. No sampling or drilling was done by Eagle Peak.

The following historical work has been completed to date on the Ridge and Freegold zones since exploration commenced in 1985 and prior to 2008 (after Halleran, 2008)

- Diamond drilling: 75 holes, 6318m
- Percussion drilling 11 holes, 390m
- Trenching: 28 excavations
- Soil sampling: 5,088 samples
- Rock samples: 135
- VLF-EM surveys: 44 line-km
- Magnetometer surveys: 143 line-km
- Mise-a-la-masse survey: 7.8 km
- IP surveys: 47.3 km
- Bulk samples: 2, totaling 32.4 tonnes.

Historical exploration has been described in the authors previous Technical report (2010) Exploration done by Eagle Peak and Inzana from 2008 to the present is described under a subsequent section of this report

## GEOLOGICAL SETTING

Geological information is adapted from a detailed description by Fox (2009).

### *Regional Geology*

The Tas property is located within a northwesterly trending belt of largely volcanic strata comprising Upper Triassic to Lower Jurassic Takla Group volcanics and sediments that have been intruded by a series of felsic to ultramafic stocks and batholiths of alkalic affinity. These intrusions, which are associated with a number of copper-gold deposits, generally lie in a northwest belt from the Tas property in the south to Chuchi Lake (and beyond). The Takla Group rocks form part of a large Upper Triassic volcanic arc (the ***Quesnellia Terrane***) lying originally offshore of the North American continental plate. Major fault structures are aligned northwesterly, for example the Pinchi Fault to the west, along which are grouped mercury, copper and gold deposits. Fault-bounded blocks of older basement paragneiss (***Wolverine Complex***) lie at the northeast corner of the map area. A regional geological map is given in Figure 5 on the following page.

### **Local Geology**

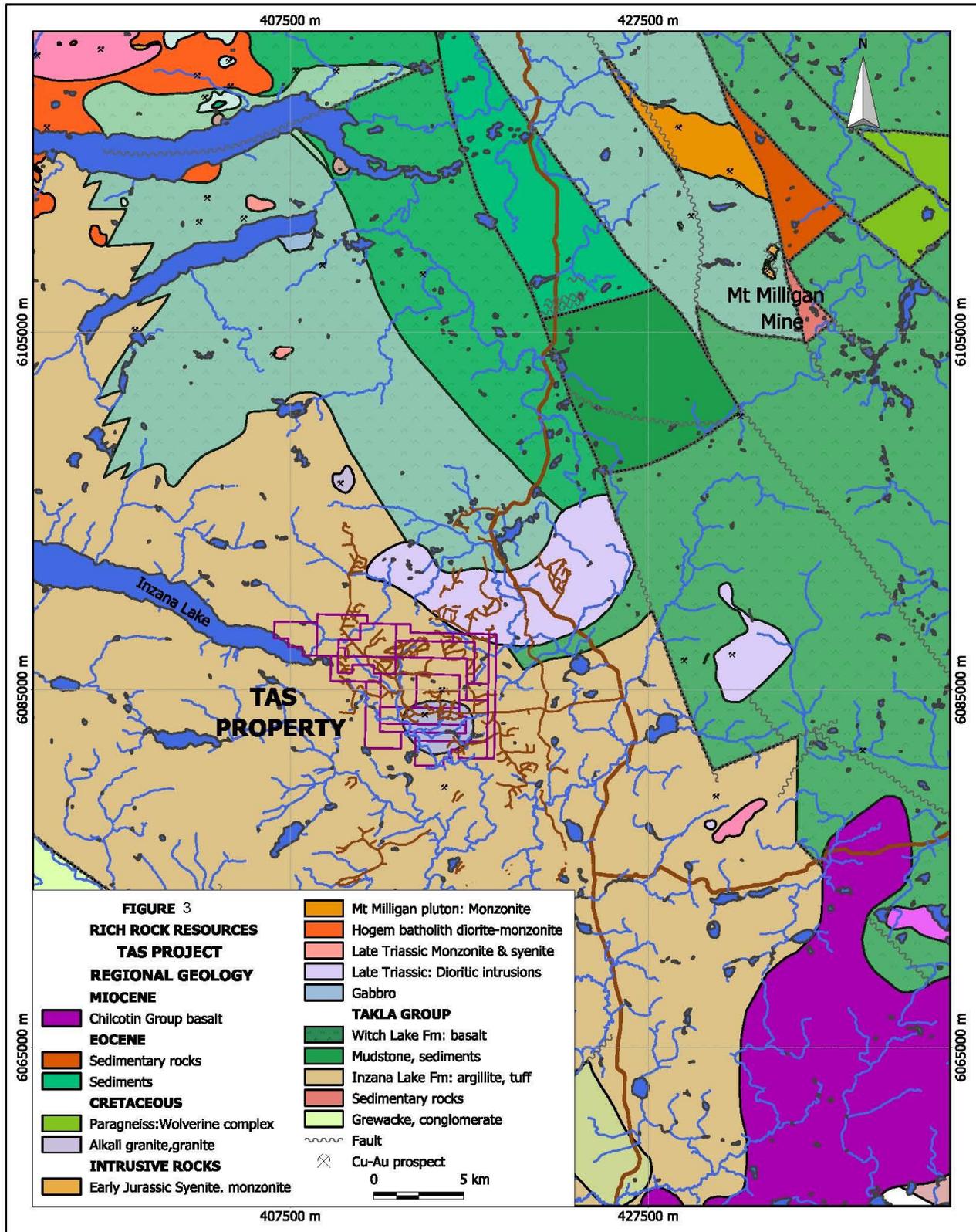
Much of the area is covered, and local geology is interpreted from the few outcrops available and additional information from drill holes. Geology at the Tas property has been compiled by Dr. Peter Fox, P.Eng. Ph.D, from which this summary is modified.

Rocks at the Tas property include conglomerate, greywacke, shale, argillite and limestone of the Inzana Lake Formation. These sediments lie west of a central belt of basaltic strata comprising the Witch Lake Formation (within the Takla Group). Numerous copper-gold prospects occur throughout the district. The most advanced is the Mt Milligan porphyry copper gold deposit 20 km northeast of the Tas prospect which is advancing to production by Terrane Metals.

The property is underlain by grey to green cherty tuff and argillite of the Inzana Lake Formation (Unit 1 Figure 5), an oval shaped body of diorite (TAS pluton, Unit 2) that lies south of the Inzana Lake road along the southern boundary of the property and a small, poorly exposed body of monzonite (Unit 3) together with a number of small breccia bodies (Unit 4). Rocks of the Inzana Lake Formation comprise tuffs and siltstones locally altered to chlorite and epidote. It is the host rock of the various gold-copper prospects discovered to date. They are highly fractured and cut by swarms of dikes.

**The Tas pluton** comprises medium grained augite diorite composed of plagioclase, augite and accessory amounts of hornblende, biotite and magnetite. The latter gives the pluton a prominent regional magnetic signature. Monzonite of Unit 3 is pyritic, altered to fine grained sericite and comprised of plagioclase and minor biotite. The Unit 4 breccia is a dark grey to black biotite-magnetite mafic rock consisting of bleached grey fragments in a pale yellow-green monzonite matrix. Black fragments are commonly magnetic (Mowatt 1999). Other varieties comprise diorite fragments in a fine grained matrix.

**FIGURE 4. REGIONAL GEOLOGY (Fox, 2009)**



**The Ridge Zone** consists of Inzana Lake siltstones cut by a swarm of northeast-trending variety of porphyry dikes (Figure 5) exposed on a low ridge one km north of the Inzana Lake road. Most of the exploration work has been done in this area: IP, extensive soil and rock sampling, trenching and drilling of some 70 diamond drill holes between 1986 and 2002. The host rocks are grey, green and often extensively hornfelsed and intensely altered to chlorite, epidote, carbonate and local areas of secondary biotite (Figure 5). Staining of a number of Ridge zone rocks suggests extensive K feldspar (potassic) alteration (Boronowski, 1989). These rocks are cut by numerous dikes of porphyritic diorite, augite- and hornblende-bearing porphyry, and a variety of leucocratic feldspar porphyry dikes. Many dikes are composite dikes and vary from barren to sulphide-rich. Most dikes trend northeast in narrow-spaced swarms cutting the host (hornfelsed) tuffs and siltstones (Figure 5). Interspersed are irregular (intrusive?) breccia bodies, generally seen only in drill core, consisting of sub-rounded siltstone and dioritic fragments set in a grey-green plagioclase-rich matrix. Zones of massive sulphide, commonly gold-rich, consist of sheared host rock containing disseminated to massive sulphide stringers and veins of pyrite, pyrrhotite, magnetite and trace arsenopyrite. These zones can be up to one meter wide and commonly have fringing disseminated zones 3.5 m wide.

## DEPOSIT TYPES

Deposit types expected or sought in the project area include

- porphyry or skarn hosted copper-gold deposits,
- shear hosted gold deposits and
- silica-carbonate hosted gold deposits.

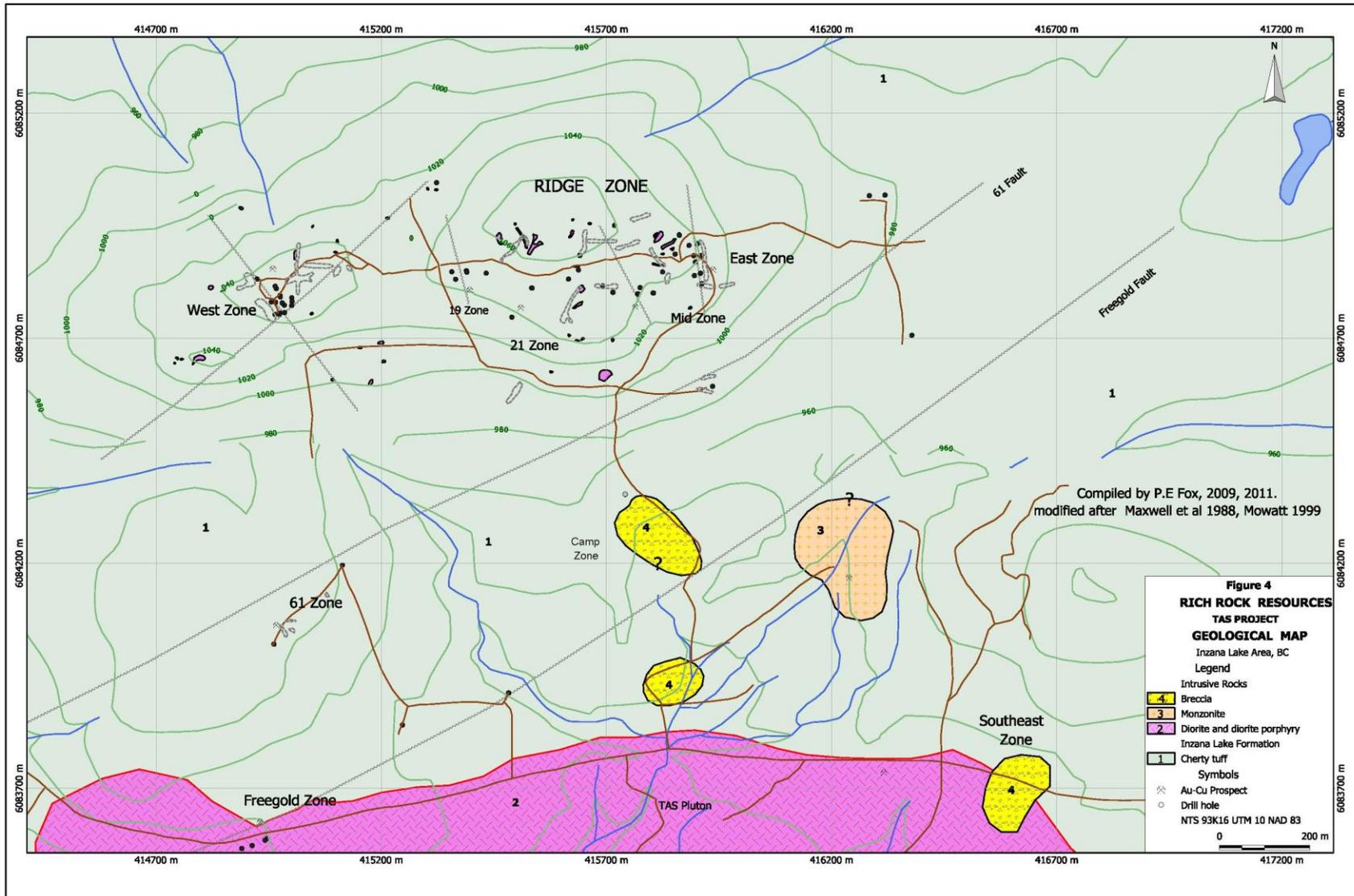
## MINERALIZATION

A number of gold-bearing sulphide zones have been found on the Tas property to date referred to as:

- The Ridge Zone encompassing
  - the West Zone,
  - the 21 Zone,
  - the 19 Zone,
  - the Mid Zone,
  - the East Zone, collectively comprising the Ridge Zone, and
- the Freegold Zone
- and 61 Zone, one km to the south of the Ridge Zone

Within the Ridge Zone: The West, 19, 21 and East structures strike northwest. All of the drilling programs have focused on delineating these mineralized structures. The gold-bearing zones, up to 30 cm thick, comprise stringers and massive sulphides hosted in shears and intensely fractured siltstone/tuff, breccia and hornblende-augite porphyry. The sulphide content ranges from 5 to 80% and consists of pyrite, pyrrhotite, chalcopyrite and magnetite and trace amounts of arsenopyrite.

**FIGURE 5. LOCAL GEOLOGY (FOX 2011)**



**The West Zone** is a strong shear trending 350° which can be traced for approximately 100 meters. The sulphide mineralization is in siltstone, dikes and breccia and occurs as bands of massive to stringer pyrite, pyrrhotite and chalcopyrite. Sixteen holes have been drilled here to date, the most recent in 2002 (Warner (2003)) noted that various breccia units are an unrecognized host to the gold mineralization.

**The 21 Zone** consists of 5 to 20% disseminated pyrite to massive pyrite in a shear zone in siltstone. Ground magnetometer surveys that are partially coincident with a chargeability anomaly suggest that the zone is 200 meters long.

**The 19 Zone** can be traced in drill holes for approximately 50 meters. Mineralization consists of semi-massive pyrite, pyrrhotite and chalcopyrite in siltstone. Ground magnetometer surveys which are coincident with a strong chargeability anomaly suggest that the zone is 200 meters long.

**The Mid Zone** consists of a series of narrow sulphide-filled shears in hornblende-augite porphyry. The zone trends 030°, parallel to the predominant dyke trend. Ten drill holes were drilled here in 1987-89.

**The East Zone** consists of gold-bearing sulphide mineralization bands averaging about 0.6 m thick which occurs as anastomosing massive to stringers in a shear zone trending 350°. Eleven drill holes tested the East zone mineralization, which includes pyrite, pyrrhotite, chalcopyrite and magnetite. Trenching has exposed the zone for 70 meters. A.D. Halleran collected 32.5 tonnes of material from this zone in 1993 that returned an average tenor of 35.46 gpt gold (just over 1 oz/ton gold).

**The 61 Zone** to the south consists of disseminated and massive sulphides in shear zones exposed in trenches, road cuts and two drill holes. The sulphide mineralization includes pyrite, pyrrhotite and minor chalcopyrite. The host rock for the mineralization is siltstone and altered hornblende-augite porphyry exposed for approximately 50 meters.

**The Far East Zone** is a few hundred meters east of the East zone, and geology is relatively unknown because of cover. Drill results for this zone have not as yet been encouraging.

**The Freegold Zone**, the first zone found on the property hosts (visible) gold in a quartz-carbonate altered zone. This was discovered by Noranda Exploration in 1985. The zone lies within the Tas pluton exposed along the Inzana Lake road. Five diamond drill holes and four percussion holes were drilled here by Noranda and others in 1987-89.

## EXPLORATION

### *2010 Exploration*

On June 16, 2010, Canadian Mining Geophysics Ltd, completed an airborne geophysical survey of 103 line kilometers over the Tas property. Geophysical techniques employed were Magnetometer, VLF and Radiometrics. Preliminary results for the Tas property show strong potassic (K) and Thorium Potassium (Th/K) anomalies over the Ridge zone, the SE copper soil anomaly, and the 61 zone. The West, 21/19, and East showings are marked by magnetic anomalies. In addition there are new magnetic and radiometric targets. A preliminary view of the 2010 geophysical surveys confirms a large potassic anomaly consistent with porphyry style mineralization, and smaller potassic anomalies which remain to be tested, and magnetic highs, likely from pyrrhotite noted in past drill holes. The complete geophysical report by CMG is available on request. For continuity and comparison, some of the 2010 geophysical maps are included here. Note that the ground based surveys in 2011 and 2012 provide better detail and clarity.

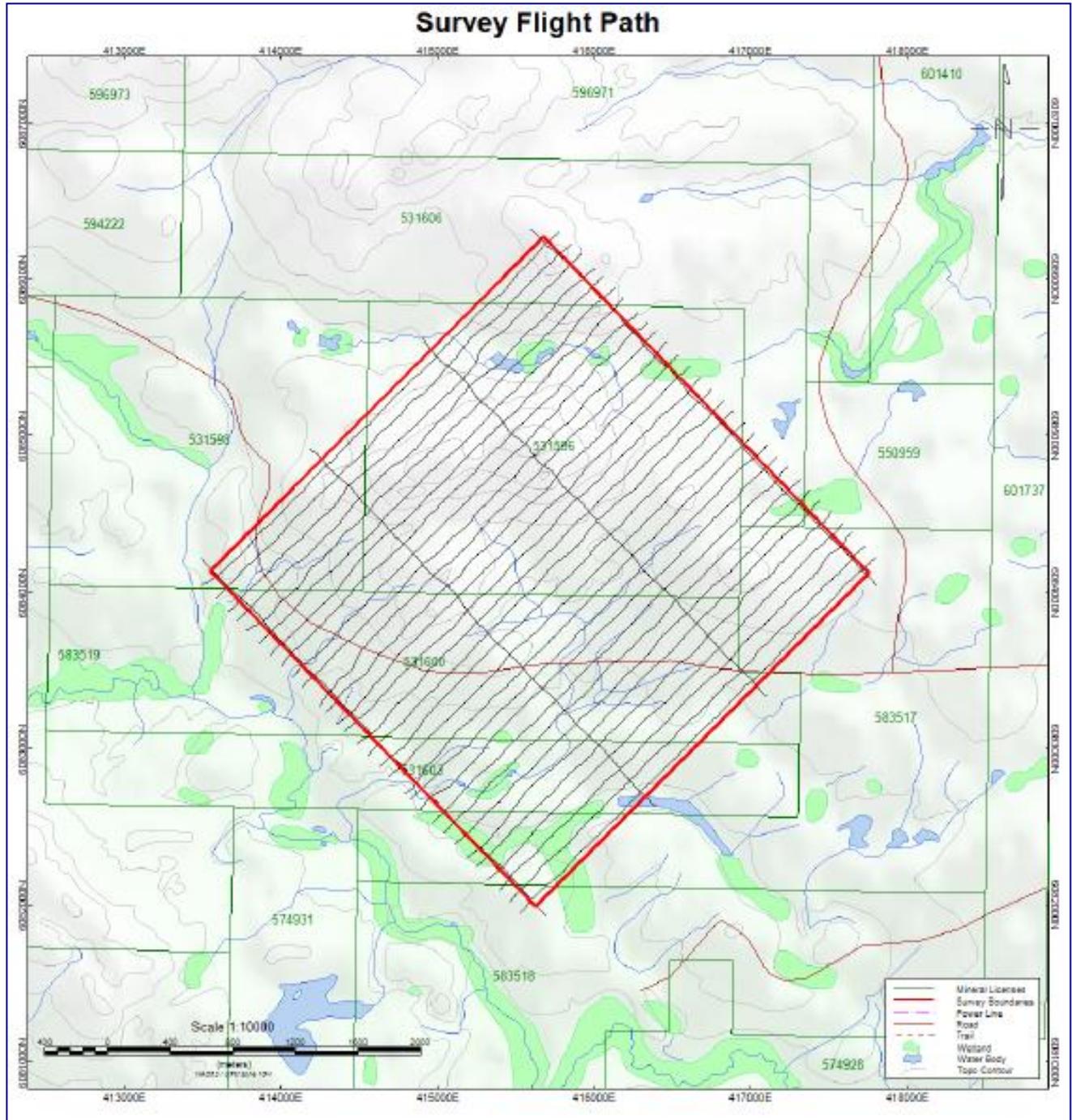
### *Radiometric Survey*

In addition to magnetics, a gamma ray spectrometry survey was performed to map level of radioactivity of the survey area. The radiometric total count image outlines several regions with elevated radioactivity (sum of all spectrum gates) of which the largest correlated closely with an increase in topographic elevation. Individual spectrum gate data (Potassium, Uranium and Thorium) can provide valuable information on specific alteration or lithology types.

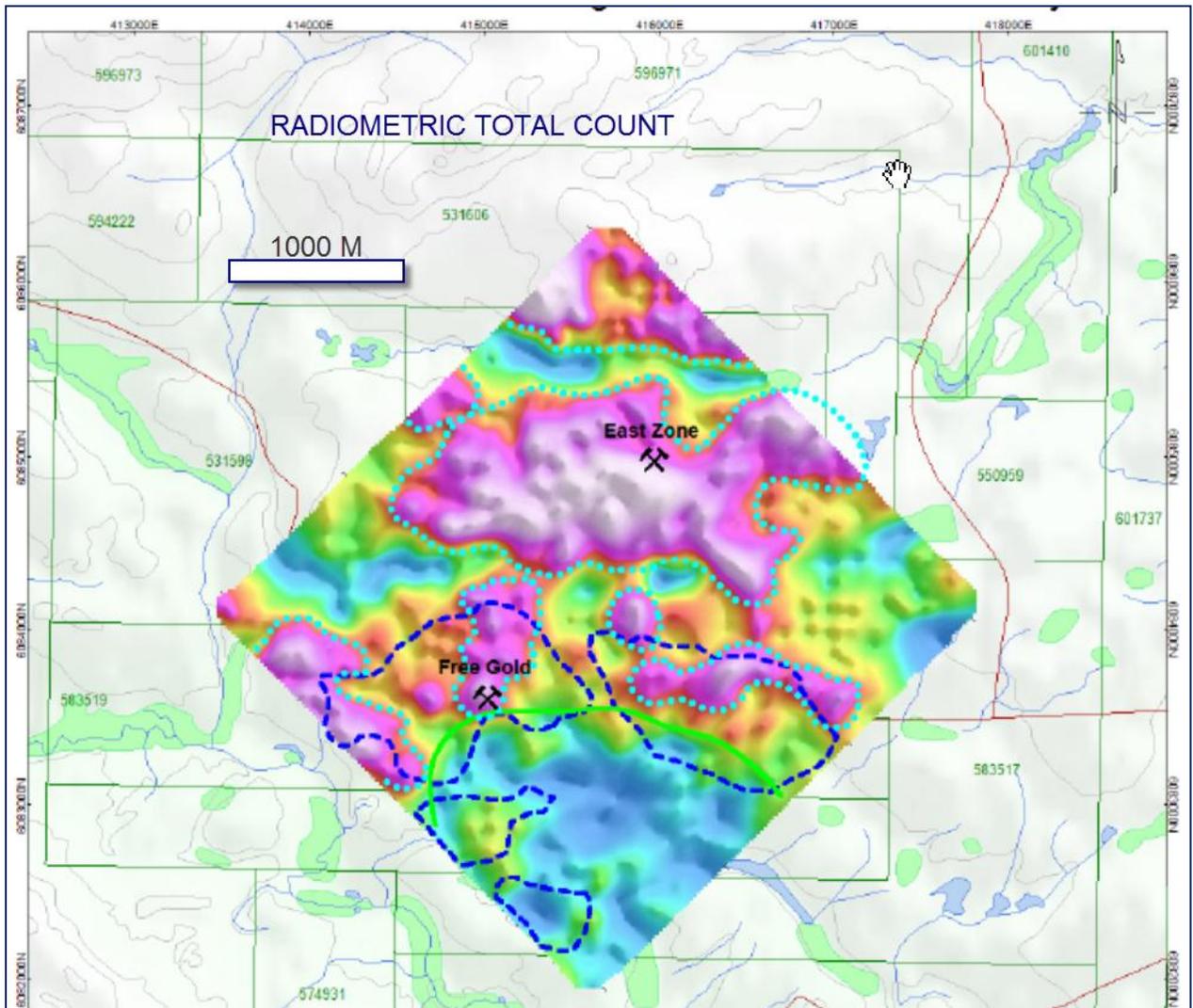
The RSX-5 digital airborne gamma-ray spectrometer is designed for the detection and measurement of low-level radiation from both naturally occurring and man-made sources. The spectrometer was built by and purchased from Radiation Solutions Inc. The RSX-5 is a fully integrated system that includes an individual Advanced Digital Spectrometer (ADS) for each crystal within the box. The ADS records high resolution, 1024 channel, digital data of naturally occurring radioactive elements.

One region of significance is shown clearly as an elevated ratio of the U/K (and also Th/K) grids. This zone is located in the southern section of the survey area of which its border passes very close to the Free Gold showing and may represent a change in lithology. Also of interest is the close correlation between the magnetic trend axis and the boundary of the high ratio area. Based on the geologic results from the Free Gold showing and the Ridge Zone mineralization, areas with anomalous magnetic response that also show elevated levels for potassium are recommended for further work. Figure 24 identifies 3 zones of interest (ROI 1, 2 and 3). ROI 1 outlines the known mineralization at the Free Gold prospect and the region to the north of the showing termed the Ridge zone centered at 415,000 E & 6,083,800 N. ROI 2 and ROI 3 highlight areas with strong magnetics, elevated potassium and located in close proximity to the geologic contact previously mentioned. These areas share similar geophysical attributes as ROI 1 where known mineralization has been recorded.

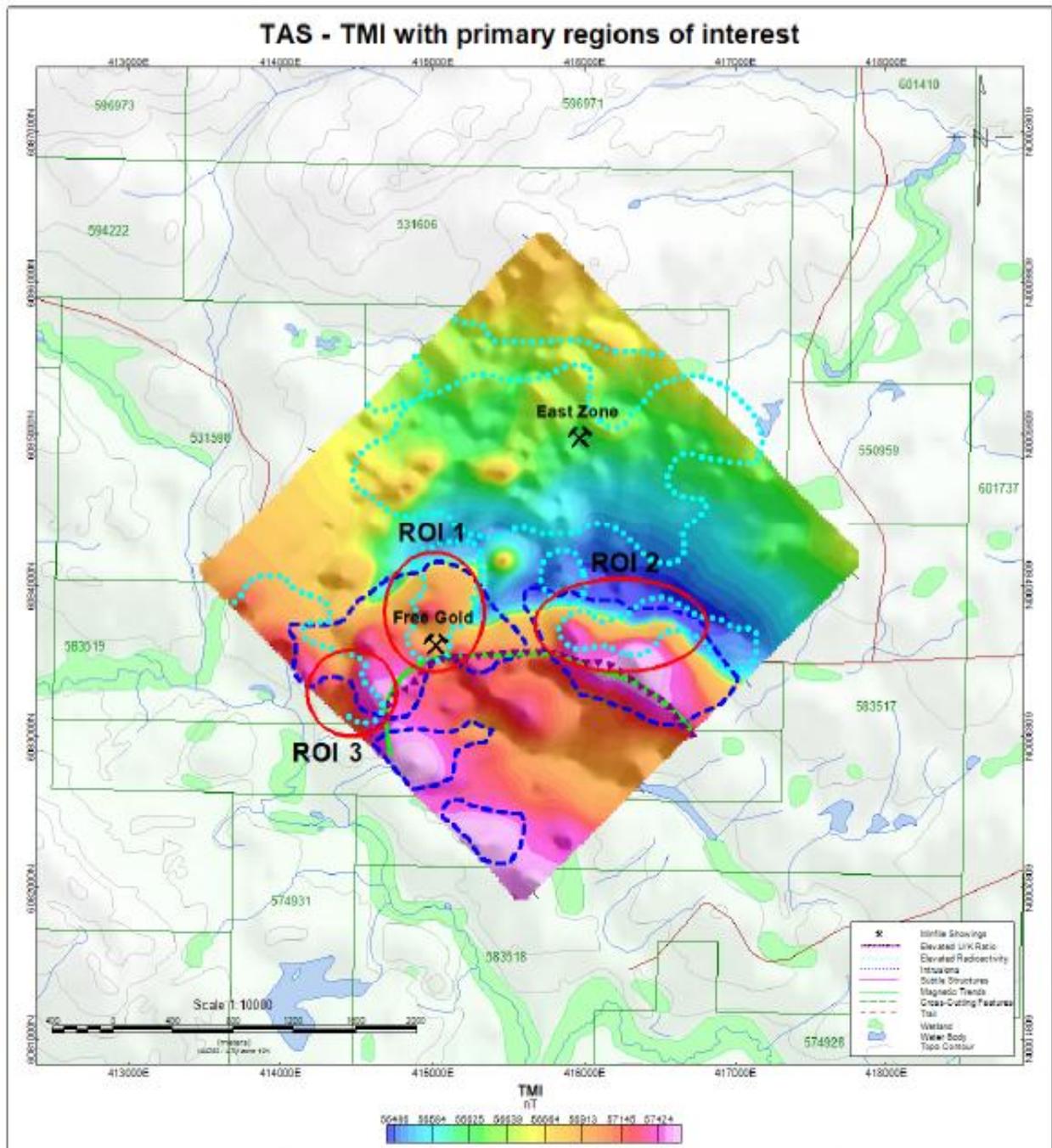
**FIGURE 6. LOCATION OF 2010 HELICOPTER GEOPHYSICAL SURVEY**



**FIGURE 7. RADIOMETRIC SURVEY 2010**

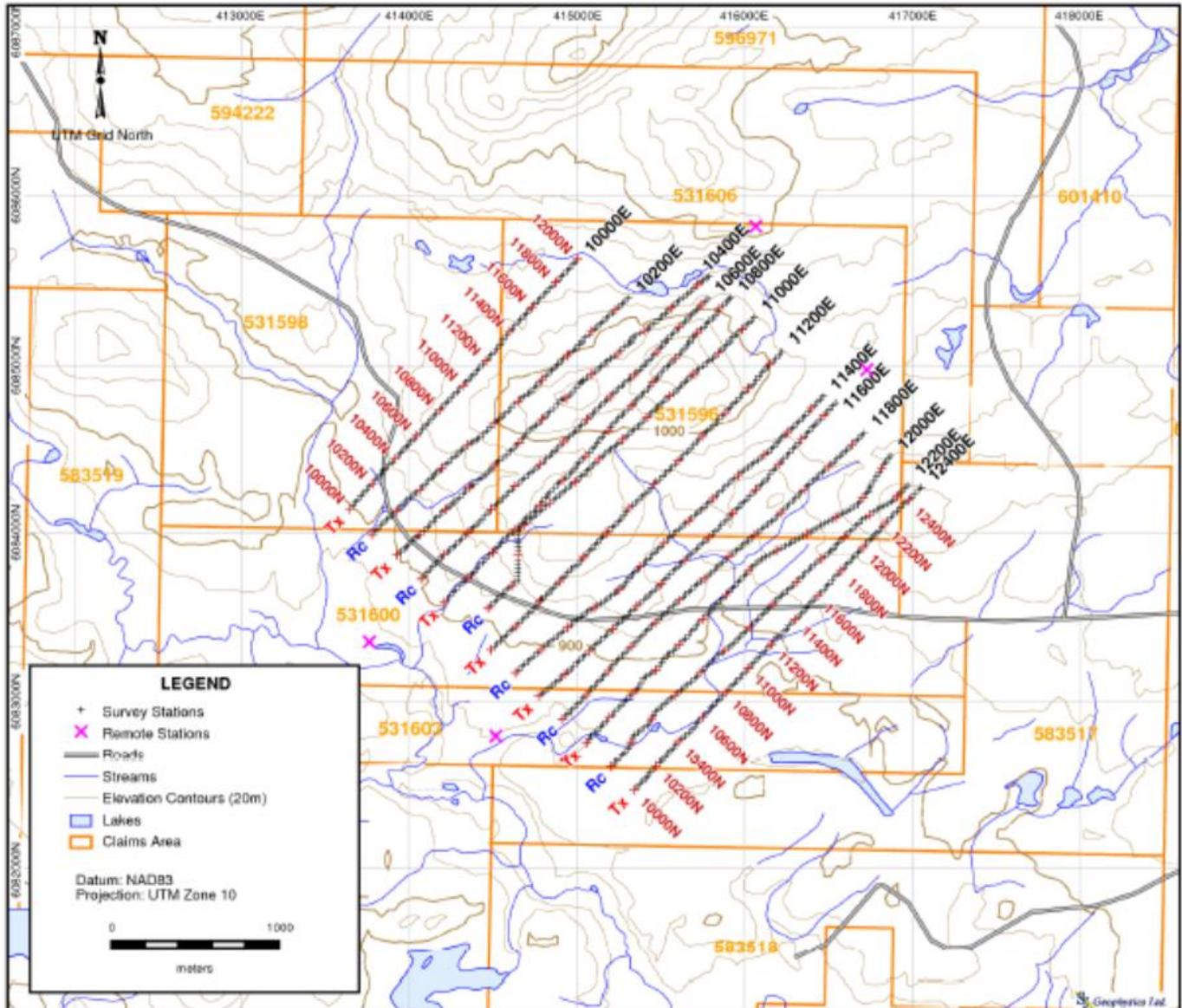


**FIGURE 8. REGIONS OF INTEREST SELECTED BY CMG. 2010**

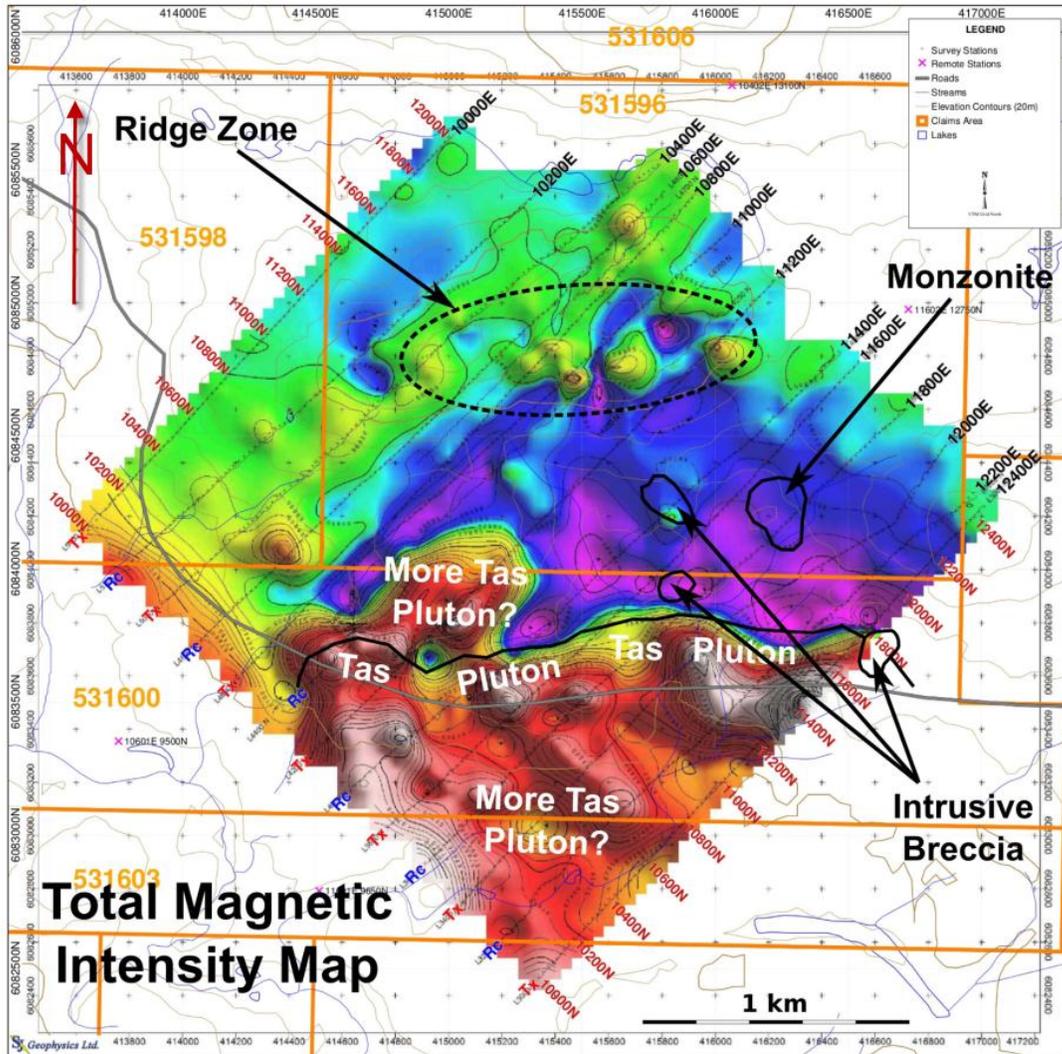


**Figure 24 - Total Magnetic Intensity grid identifying the primary region of interest.**

**FIGURE 9. GEOPHYSICAL GRID 2011**



**FIGURE 10. 2011 MAGNETIC INTERPRETATION**



**2011 Magnetic Survey**

The Magnetic survey completed by Meridian Mapping under the supervision of Dugald Dunlop B.Sc., in 2011 was described by Fox (2012) as follows: (summarized for brevity):

The magnetometer survey comprised a total of 37 kilometers surveyed over two field days on October 12 and 13th. The magnetic survey was conducted by two operators using two GPS equipped GSM Ver 7.0 19W Overhauser walking magnetometers manufactured by GEM Systems of Richmond Hill, Ontario.

This instrument measures variations in the total intensity of the earth's magnetic field to an absolute accuracy of +/- 0.1 nT (nano-Teslas). They were used in "walking mode" and set to record a reading every 2 seconds. A third GSM 19 magnetometer was employed as a stationary base to measure the diurnal variations. For Locations, the magnetometers are equipped with GPS instrumentation. The ground magnetic response corroborated the 2010 airborne magnetic survey with strong response over the Tas pluton on the south part of the property and a number of small positive and negative anomalies in the Ridge Zone which are not yet understood with respect to mineralization. Figure 9 above provides an initial interpretation of the survey by Dr. Fox (2012).

### ***2011 Induced Polarization Survey***

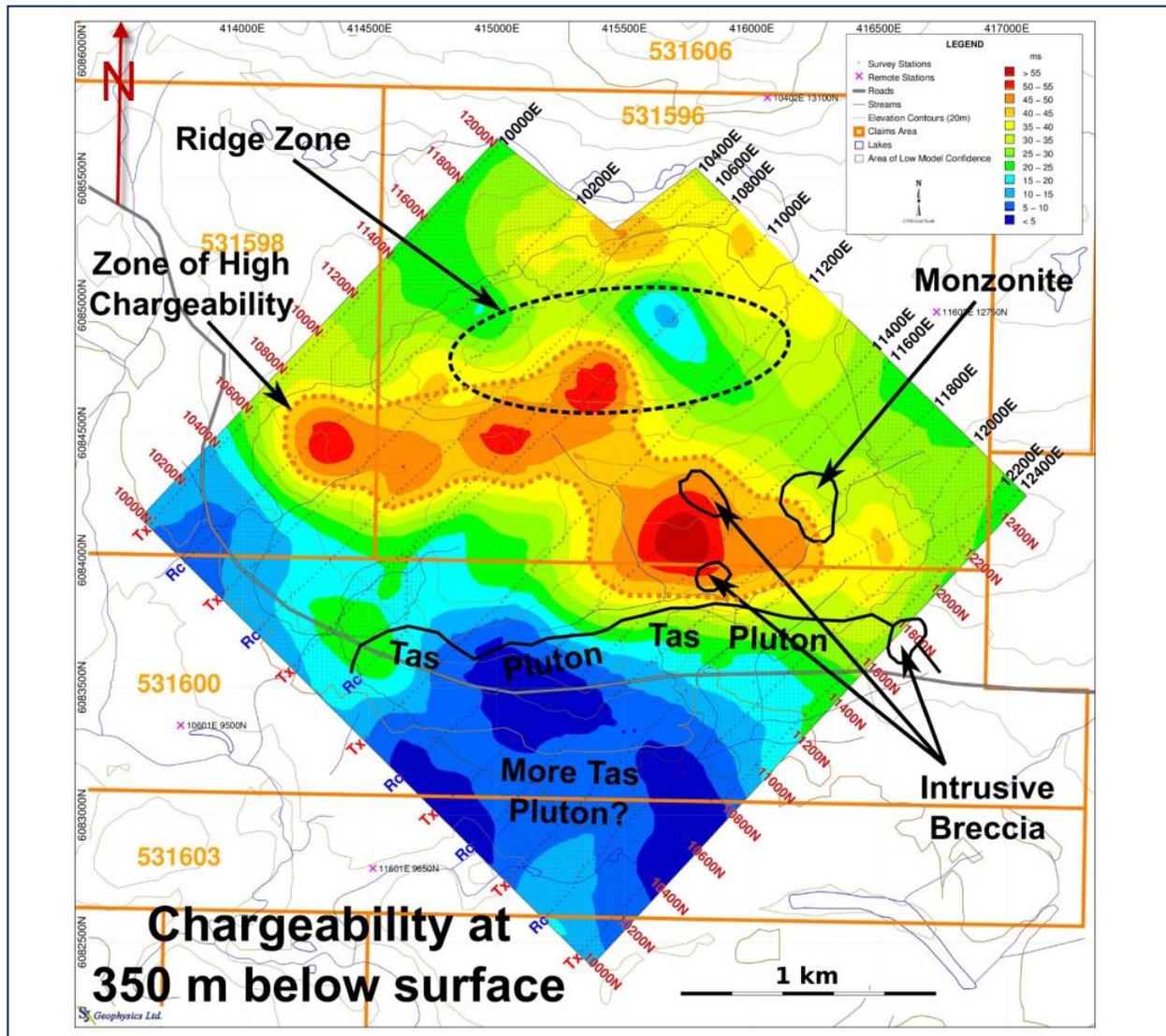
In September and October 2011, 32 kilometers of 3 Dimensional Induced Polarization surveys (3D-IP) was conducted by SJ Geophysics. The first SJ Geophysics crew arrived at the Tas project on September 13th and demobilized on September 19th. The second SJ Geophysics crew arrived at the project September 29 and demobilized on October 10th. The SJ Geophysics crews were accommodated by the client in a fishing lodge near Inzana Lake. The lodge was powered by a diesel generator and provided hot water to the crew. Communication with the office was limited to a satellite phone and weekly trip to Ft. St. James to send data over the internet. The geophysical instrumentation used to acquire the 3D IP data consisted of SJ-24 full waveform receivers and a GDD Tx II transmitter. The specifications of these instruments are available on request.

As stated by SJ Geophysics: "The time domain IP technique energizes the ground by injecting square wave current pulses via a pair of current electrodes. During current injection, the primary voltage and input current are used along with the known positions of the electrodes to calculate the apparent (bulk) resistivity of the ground. Immediately after the current injection stops, a time decaying voltage is measured at the receiver electrodes. This IP effect measures the amount of polarizable (or "chargeable") particles in the subsurface rock".

Unlike conventional 2DIP, the electrode arrays are not restricted to an inline geometry. In the standard 3DIP configuration, a receiver array is established along one survey line while current lines are located on two adjacent lines lying on either side of the receiver line. Current injections are performed sequentially at fixed increments (25, 50, 100 or 200 m) along the current lines. Meanwhile, geophysical data are collected along a receiver array which consists of 12 to 16 dipoles laid out along the receiver line.

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

**FIGURE 11. 2011 INTERPRETATION OF CIP CHARGEABILITY AT 350 M DEPTH**



**Interpretation**

Results of the survey are discussed in detail by Witter (2012). In the shallow subsurface (25 m depth), the Tas pluton and monzonite body correlate with an area of low chargeability (<math>< 5-15</math> ms). The Ridge zone, by contrast, is characterized by moderate chargeabilities (20-40 ms) with high response in the east central part in the vicinity of the Mid zone.

Resistivity in the shallow subsurface is highly variable with the highest resistivity anomaly (>2500 ohm-m) occurring in the NE sector of the Ridge zone. A small resistivity low (<math>< 50</math> ohm-m) in the center of the Ridge zone may, at these shallow depths, indicate the presence of disseminated sulfides that could be responsible for the elevated chargeability values and an abundance of silicification and/or argillic alteration could cause the low resistivity.

At intermediate depths (150-200 m), the geophysical anomalies are large and have high magnitude. At 200 m, the Tas pluton is characterized by low chargeability (<5 – 20 ms). A northward extension of this low chargeability zone near the 61 zone suggests a northerly lobe of the Tas pluton at these depths. At the east end of the grid, the Southeast zone forms two significant chargeability anomalies (>55 ms) associated with intrusive breccia, monzonite, and the Tas pluton. Within the Ridge zone area, chargeabilities are moderate (15 – 40 ms) at these depths with higher values in the west (West zone) compared to the east.

Resistivity is variable within the Ridge zone with a resistivity low (50-150ohm-m) near the center and anomalies of moderate to high resistivity (500-2000 ohm-m) on either side. The high resistivity anomaly in the west side of the Ridge zone is significantly larger and of greater magnitude compared to the eastern end. A chargeability anomaly (>50ms) immediately north of the Ridge zone forms a roughly circular chargeability anomaly enclosing a central chargeability low centered on the Mid zone – a zone of alteration and relatively low pyrite content coincident with near-surface potassic alteration.

At deeper levels (350 m), a generally east-west zone of high chargeability (>45 ms) extends across the central survey area. One arm of this high chargeability zone extends below the south-central portion of the Ridge zone and may reflect a deep extension of the Ridge mineralization. A significant resistivity low (<50-200 ohm-m) lies at 350 m depth in large part coincident with the zone of high chargeability. The lowest magnitude portion of this resistivity anomaly lies beneath the south central part of the Ridge zone near the 19 and Mid zones.

The combination of geophysical anomalies suggests abundant disseminated sulfides (causing high chargeability) coupled with a zone of hydrothermally altered rocks (creating low resistivity), possibly a representing a deep porphyry target.

Dr. Peter Fox, Ph.D., P.Eng. summarized the survey as follows:

*“Work in 2011 consisted of line cutting, 36 km of ground magnetic surveys and 32 km of 3DIP conducted by SJ Geophysics. The Southeast zone was identified as a moderate chargeability anomaly (40ms) extending to depth along with a large chargeability high (>40ms) and resistivity low extending throughout the central part of the grid area.*

*Near the Ridge zone mineralization, a deep chargeability anomaly (>50ms) immediately north of the zone forms a roughly circular chargeability anomaly enclosing a central chargeability low centered on the Mid zone, possibly a deep porphyry target zone comprising alteration and low pyrite content coincident with near-surface potassic alteration and a K radiometric anomaly”.*

It can be concluded that, geophysically and geologically, The TAS prospect has strong similarities to the Mt Milligan and other alkalic porphyries in British Columbia (Price, 2010 and others). The magnetometer survey defined the north contact of the Tas pluton and identified magnetic zones associated with the Ridge zone prospects. Previous radiometric surveys (2010) provided a number of potassic radiometric targets, similar to those from other Omineca area porphyry targets.

The 2011 3D IP survey clearly identified shallow to deep chargeability of the Ridge zone, the southeast zone and the 61 zone farther west. Most importantly, there is a large, deep porphyry-like chargeability target in the central part of the grid. These targets confirm the Tas porphyry model.

## 2012 GEOPHYSICAL SURVEYS

The geophysical work completed in 2012 included ground magnetometer surveys and infill Induced polarization surveys described below:

### Magnetic Survey

The following description is reproduced from a report by Meridian Mapping Ltd. (2012) No interpretation was provided but a brief interpretation is made by the present author from the magnetic plans.

*Between September 6th and 9th 2012, Meridian Mapping Ltd. completed a ground magnetometer survey over a portion of the TAS Property near Inzana Lake, British Columbia for Inzana Metals Inc. This 2012 survey both expanded and infilled a similar survey conducted on the property by Meridian in 2011.*

*The 2012 survey covered five new lines up to 2400m long at 100m spacing that had been added to the NW side of the grid and both cut and uncut infill lines extending NE from the L111+00N baseline with an average length of 1300m. After combining with the 2011 survey data, the average line spacing on the NE side of the grid was approximately 50m. Lines run on an average azimuth of 45 degrees. A total of 55.1 kilometers were surveyed over four field days.*

*The magnetic survey was conducted by two operators using two GPS equipped GSM Ver 7.0 19W Overhauser walking magnetometers manufactured by GEM Systems of Richmond Hill, Ontario. This instrument measures variations in the total intensity of the earth's magnetic field to an absolute accuracy of +/- 0.1 nT. They were used in 'walking mode' and set to record a reading every 2 seconds. A third GSM 19 magnetometer was employed as a stationary base to measure the diurnal variations in the earth's magnetic field. Data was recorded at a 3 second interval at the base. This base data was used to apply diurnal correction to the rover data. A 200 meter length of overlap line was walked each morning by both units. Data from this overlap line was used to level the data between the two instruments as well as between survey days. The same overlap line was used for the 2012 survey as the 2011 survey, allowing leveling and combining of the two surveys.*

*Deliverable data includes: 1. Total Magnetic Intensity; 2. Calculated 1st Vertical Derivative; 3. Analytic Signal; 4. B&W Contour Plots of above three.; 5. Profiles of Total Magnetic Intensity and 6. Survey Track Plot.*

Figures showing the in-filled magnetic plan and interpretations are shown on the following pages. As the images have been reduced for this report, the image quality has suffered. Full PDF versions are available on request.

### In-Fill IP Survey

Work completed in 2012 by SJ Geophysics Ltd. Between July 4th – July 20, 2012 included infill line cutting and marking and infill magnetic and IP surveys. The 2012 Tas grid acts as an infill to a larger and coarser grid surveyed by the same company (SJ Geophysics) in 2011. The purpose of the smaller dipole and line spacing of the 2012 survey was to provide better near-surface resolution of the features of interest. The 2012 Tas grid consisted of 27 survey lines (13 receiver and 14 current lines), spaced at 100 meters with stations flagged and marked every 50 meters (Figure 12).

A brief interpretation is provided by SJ Geophysics in a Memorandum attached to the report. The present author has summarized its findings below:

*The primary rock types in the survey area are volcanic cherty tuff and argillite units of the Inzana Lake Formation. The grid also encompasses an area of identified porphyry Au-Cu mineralization, known as the Ridge Zone, as well as a large diorite pluton (the Tas Pluton) and other assorted intrusions.*

*The 2012 3DIP survey, designed to infill the eastern half of the 2011 grid, allowed to map (or re-map) several geological breaks and faults that appear to control some structures of interest, including the Ridge Zone.*

*The smaller line spacing and dipole length also allowed a better definition of the geophysical signature associated with known showings. In particular it helped refine the outlines of extended chargeability highs (> 45ms) likely related to pyritic systems with outer envelopes (between 30 and 35 ms) that could coincide with chalcopyrite.*

*The resistivity model exhibits a complex pattern near surface (0 down to approximately 100 m below topography) resistivity highs (>600 Ohm-m) outlining dense faulting (Illustration 2.). The placement of those faults is challenging to determine given the complexity of the model. At lower depths (<100 m below topography, Illustration 3.), the features are smoother and the patterns simpler, in part due to the reduced resolution.*

*The Tas Pluton appears in the southwest corner of the grid as a deep-seated feature. Its northeastern end branches up to the surface where it partially coincides with one of the brecciated intrusions and flanks the monzonite intrusion to the north (Illustration 4). Some of the previously mapped faults such as the Freegold, the Mid and East Zone faults (solid black line on Illustration 5) clearly stand out in the resistivity model. They also appear more extended than what is represented on the geological map.*

*The resistivity model also outlines a multitude of un-mapped breaks and attention will be paid to the one running through the Ridge Zone showings (thin dashed black line on Illustration 5) as it could be an important controlling factor in their formation. Some other mapped faults, in particular the West Zone faults, seem to be shifted to the southeast in comparison to the geological map (thick dashed line on Illustration 5), while the 61 fault does not appear at all. Consequently a thorough field investigation of those faults is recommended.*

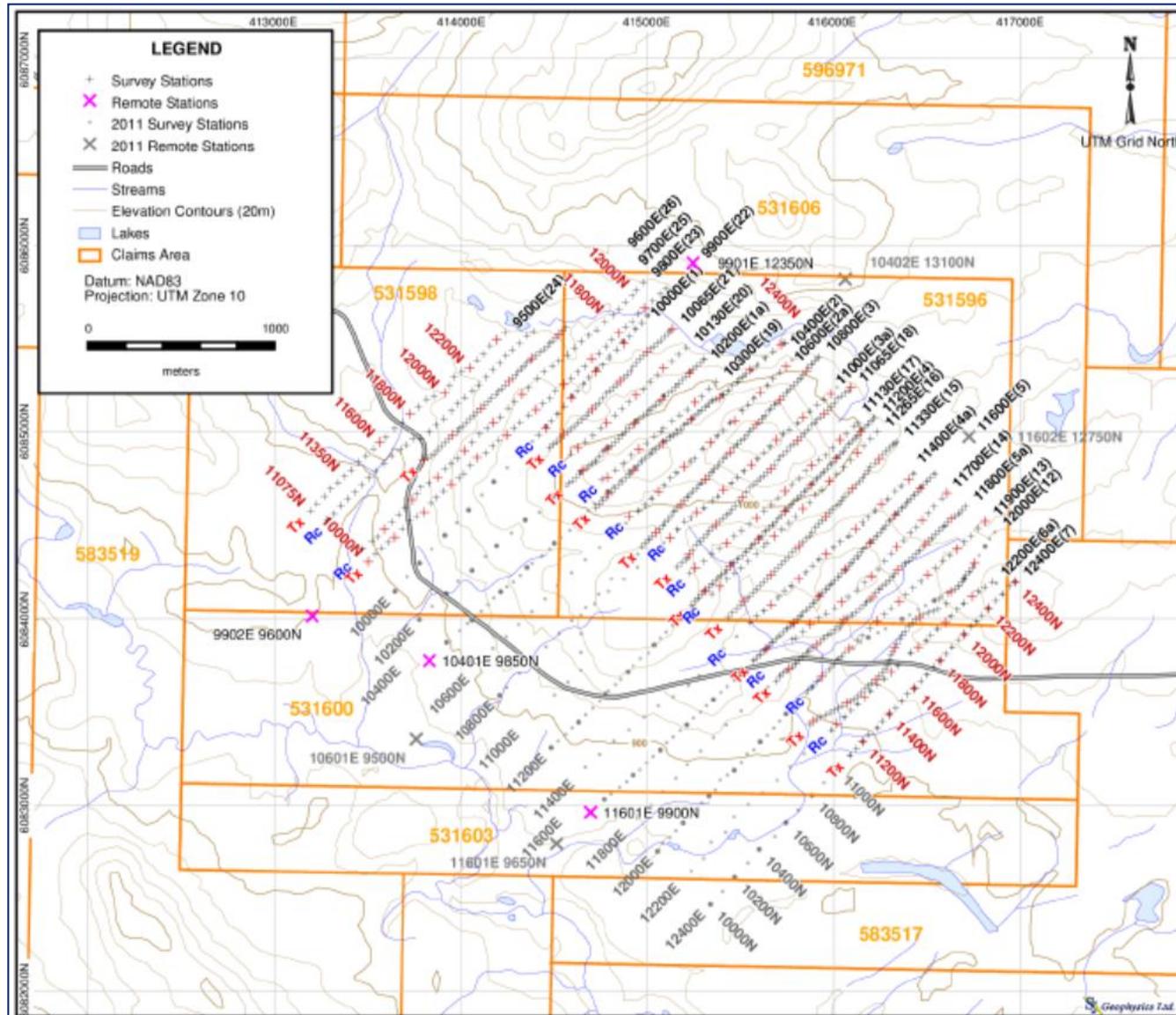
*The faults outlined above do not appear as clearly at lower depths (< 100 m) as the sharp breaks in relatively high resistivity are replaced by low resistivity features (< 75 Ohm-m, see Illustration 6). Those features extend directly below some mapped faults and most of the showings to the exception of the Mid zone, Southeast zone and Monzonite zone prospects. This coincidence suggests that those deep resistivity lows could be of interest.*

*Comparison of the observations made on the resistivity data and the magnetometer survey (Illustration 7, surfaced map provided by the client) shows a good correlation between isolated magnetic highs in the Ridge Zone and breaks in the resistivity, in particular along the new West Ridge Zone faults and the Ridge Zone Showings fault. A more detailed magnetometer survey (50m line spacing for example) may allow to better define those features. Once the survey is completed, a three dimensional inversion of the magnetometer data is recommended in order to get a better definition of the features' relative depth. Contrary to the resistivity model, the chargeability exhibits relatively smooth features from the near surface down to depth (Illustrations 8 and 9).*

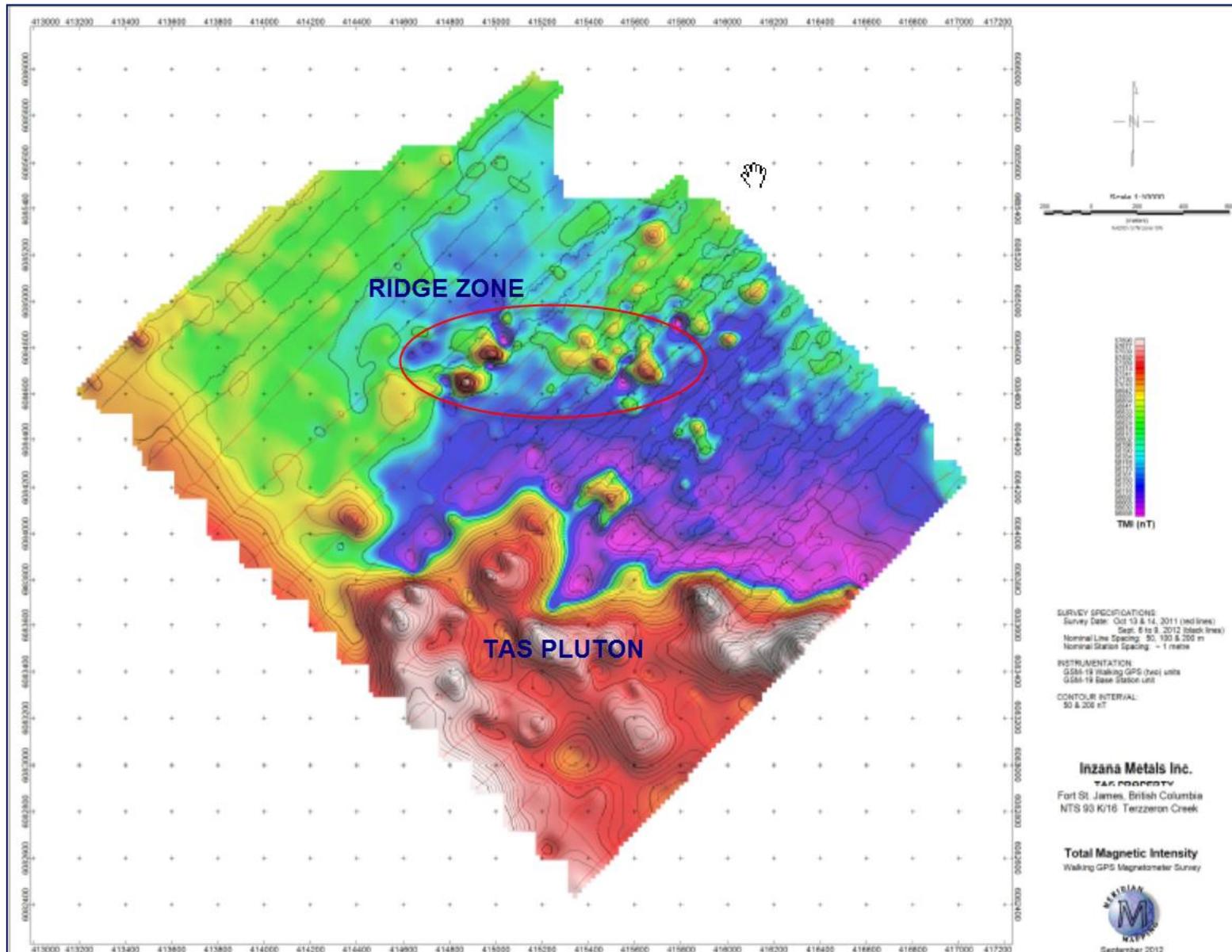
*The Tas Pluton sharply stands out at any given depth with a lower background (approximately 5 ms) although the edges outlined by the chargeability model slightly differ from those shown by the geological map and the resistivity model.*

*The remainder of the model exhibits a higher chargeability background (approximately 15 ms) consisting of deep extended chargeability highs (> 35 ms, Illustration 9) losing intensity and appearing as isolated features at the surface (<45 ms, Illustration 8). Given their relatively high chargeability intensity at depth and their general alignment along the faults outlined by the resistivity model (Illustration 10), those features are likely related to a fault-controlled pyritic system. Consequently attention should be focused on their outer, lower chargeability envelopes, in particular the more isolated, near surface ones (Illustration 11), as they might be related to chalcopyrite, along the Ridge Zone faults (as delineated by the resistivity model) and in the vicinity of the Freegold fault. To better visualize the spatial relationships of the various anomalies, we have mapped the high resistivity (red) and low resistivity (blue) bodies as well as the high chargeability (green) bodies in three dimensions. The lowest chargeability area associated with the Tas pluton is not shown.*

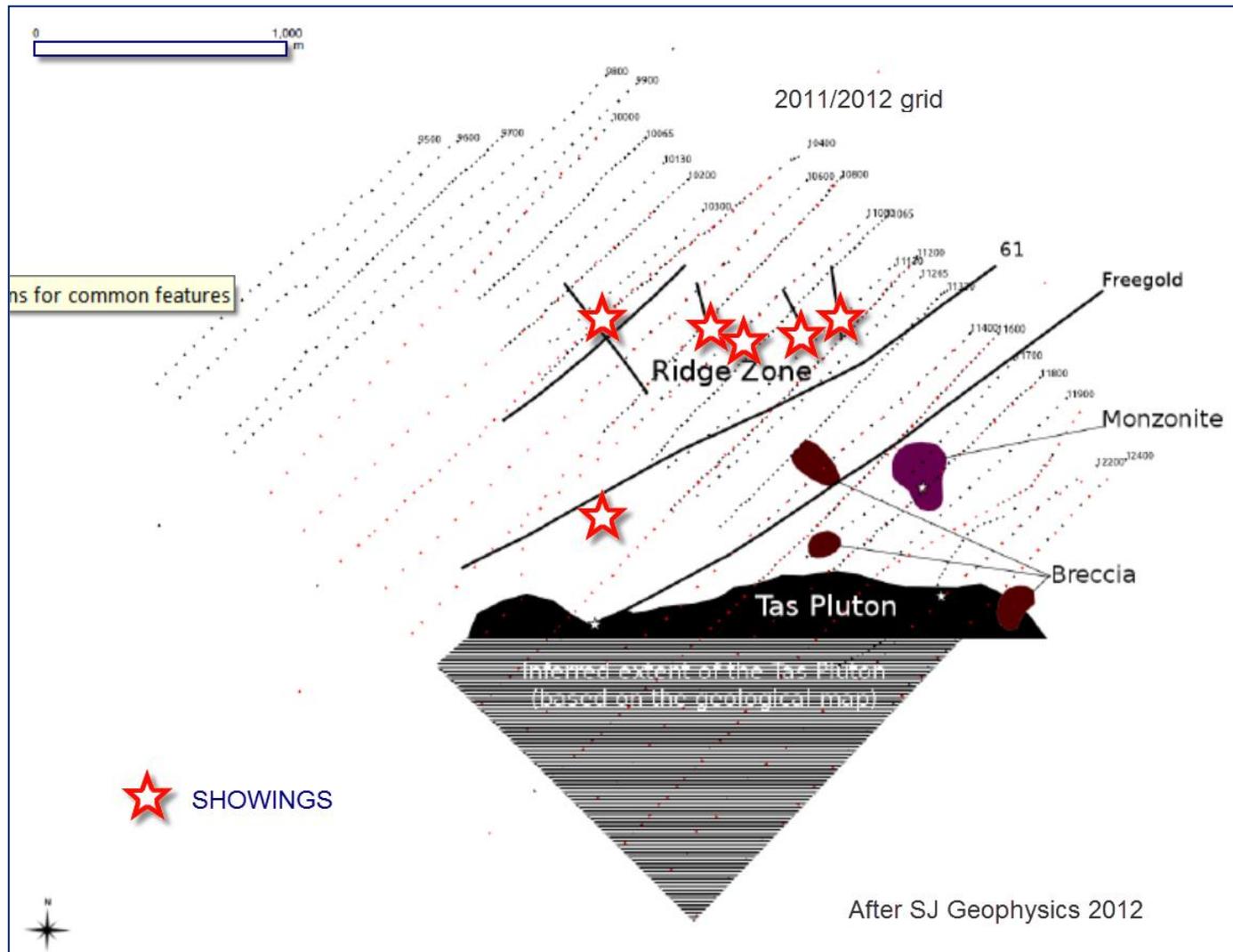
**FIGURE 12. COMBINED 2011 AND 2012 GRIDS**



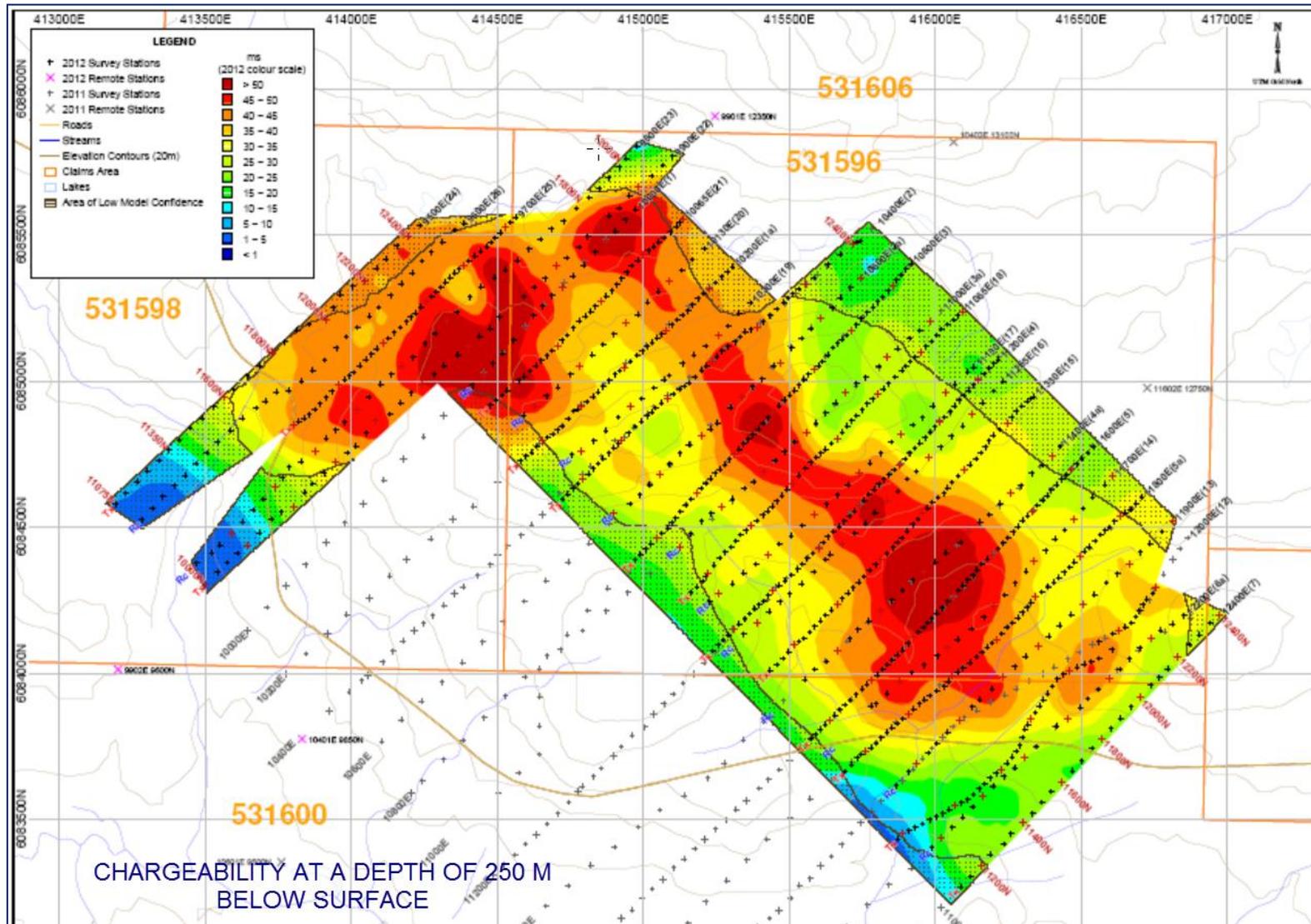
**FIGURE 13. COMBINED 2011-2012 MAGNETIC SURVEY PLAN**



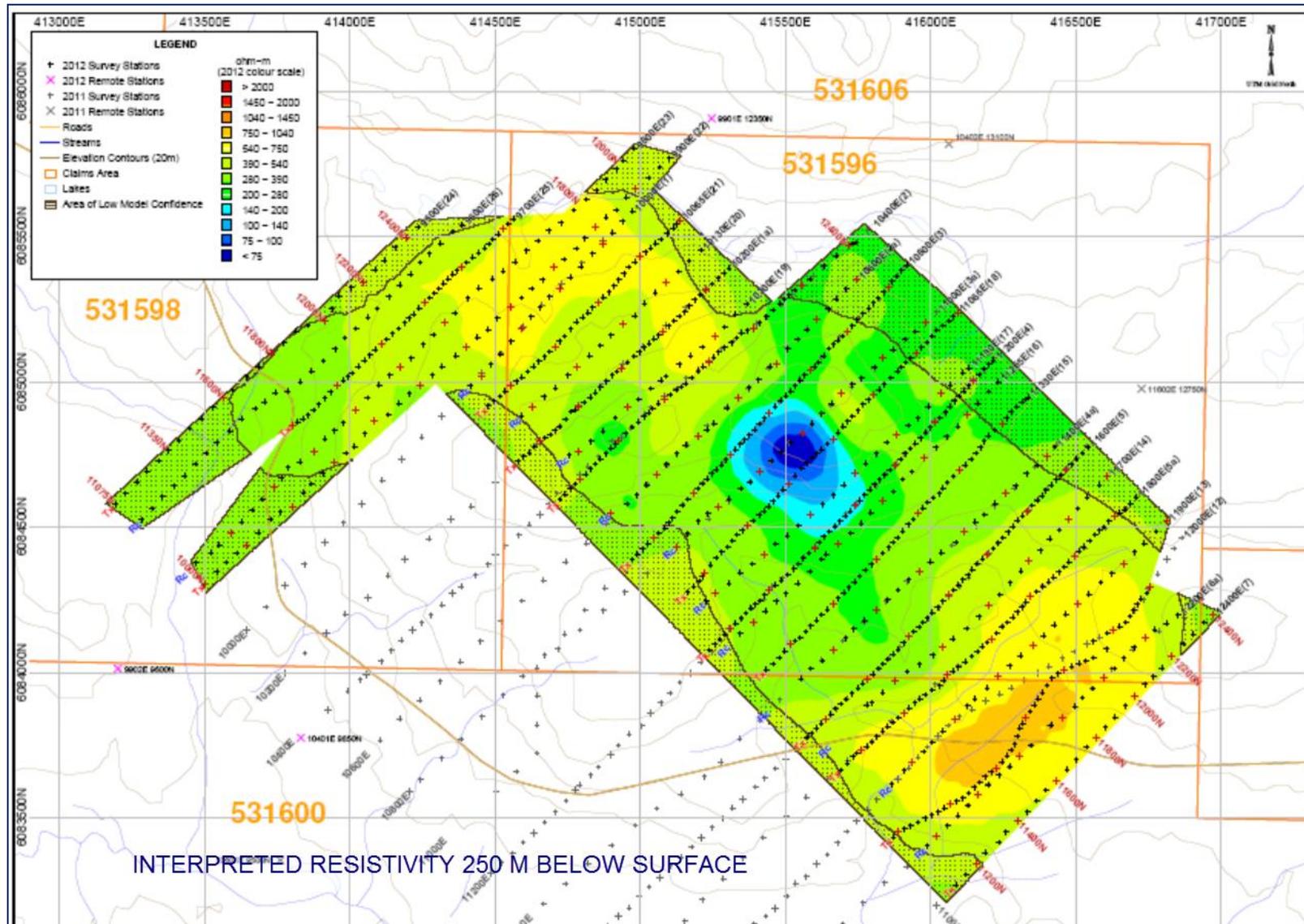
**FIGURE 14. COMBINED GRIDS AND MAJOR GEOLOGICAL FEATURES 2012**



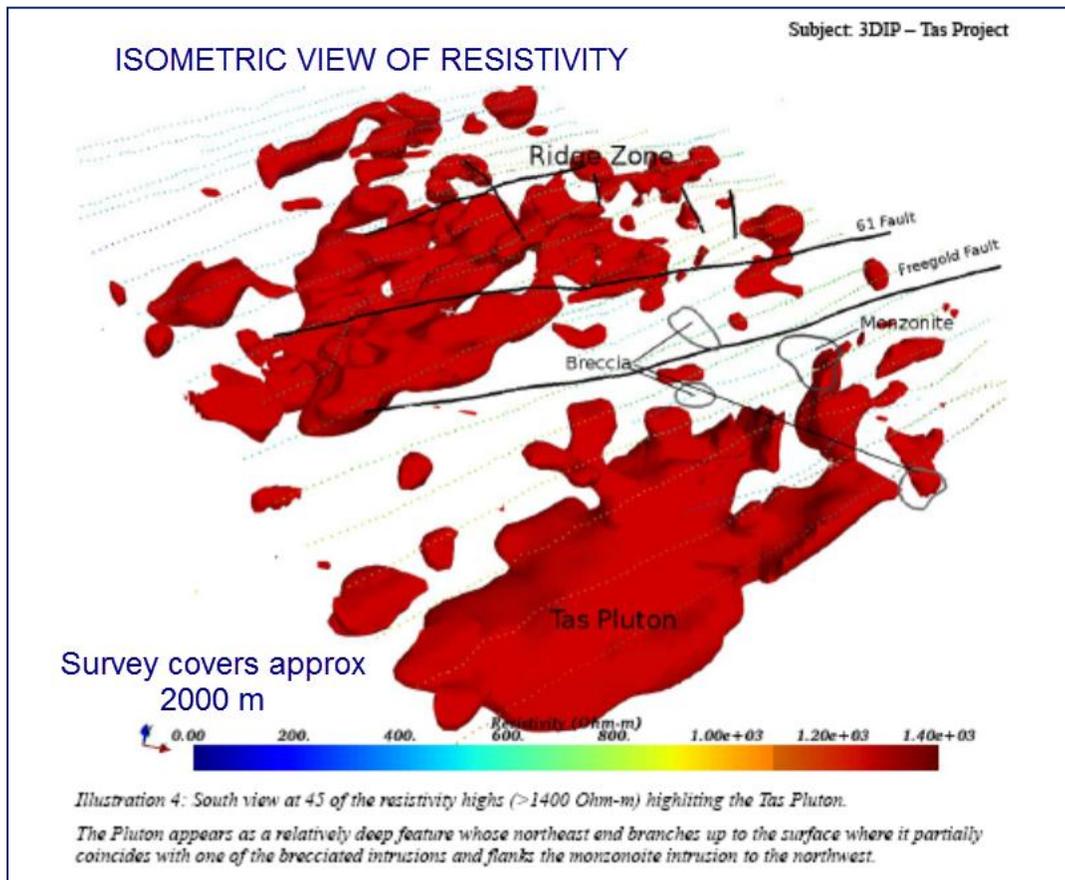
**FIGURE 15. 2012 CHARGEABILITY PLAN AT DEPTH 250 M BELOW SURFACE**



**FIGURE 16. 2012 INTERPRETED RESISTIVITY 250 M BELOW SURFACE**



**FIGURE 17. 2012 ISOMETRIC VIEW OF INTERPRETED RESISTIVITY ANOMALIES**



**DRILLING**

Neither Rich Rock nor Inzana have drilled the property on their own account. A sketch of the location and terminology of the various zones that have been drilled in the past is shown on the following page. The 2010 Technical Report (Price 2010) describes past drill programs in considerable detail. Drilling is proposed for the 2013 exploration season.

The map on the following page shows the position of the mineralized zones and historical drillholes to date.

Not all the core from past drilling was sampled or split; all the past core should be located and re-logged, where necessary and resampled, using the standard QA/QC procedures, with standards, blanks and duplicates.

## **SAMPLE PREPARATION, ANALYSES AND SECURITY**

Neither Rich Rock nor Inzana have completed any significant sampling on the property, as no trenching, or other physical work or drilling has been done by the company. Past sampling has been adequately described in the 2010 report.

## **DATA VERIFICATION**

In the 2010 Technical Report the author describes due diligence samples for verification. These were samples of quartz vein float and intrusive material float taken at the Freegold area on the main Inzana Lake forestry road. The original rock exposures are now covered and heavily vegetated with alder. A number of the 2002 drill hole intercepts were checked mathematically and no serious errors were seen.

## **ADJACENT PROPERTIES**

The writer has no direct information concerning adjacent properties, which are owned by Xstrata and others.

## **MINERAL PROCESSING AND METALLURGICAL TESTING**

Neither Rich Rock nor Inzana have accomplished any mineral processing or metallurgical studies; such are premature, but will be done if a resource is established, and the likelihood of this cannot be quantitatively estimated at this time.

## **MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES**

The property has a small historical resource estimated by Black Swan in 1988, described under "History". \*Neither the company nor the author has verified the above estimation, which is preliminary and historical and is not construed to be a current resource, and should not be relied upon. The property has no current mineral reserves or resources.

## **OTHER RELEVANT DATA AND INFORMATION**

The property has no known environmental or social issues known to the writer. The area lies under one or more native land claims, primarily by the Nak'azdli band located on Necoslie I.R. No. 1 in Fort St. James. Nak'azdli is a member of the Carrier Sekani Tribal Council (CSTC) along with seven other First Nation Bands. Nak'azdli First Nation is made up of approximately 1700 on and off reserve members.

Contacts for the band are: Telephone 250-996-7171 Fax 250-996-8010 Postal address P.O. Box 1329, Fort St. James, British Columbia V0J 1P0 Physical address: 284 Kwah Rd, Fort St. James, British Columbia V0J 1P0 Email: reception@nakazdli.ca. Rich Rock and Inzana maintain a good relationship with the

local bands. The author is not aware of any other relevant data, the omission of which would make this report incomplete or misleading.

## INTERPRETATION AND CONCLUSIONS

The Tas prospect lies within a belt of known porphyry copper-gold deposits such as Mt Milligan, Kwanika, Duckling Creek (Lorraine) and others. The mineralization at the Tas property has strong similarities to these porphyries, such as:

- long intervals of anomalous (but as yet sub-economic) copper,
- intermittent gold mineralization throughout some holes in the Western Zone,
- association with magnetic anomalies,
- presence of broad potassic radiometric anomaly
- alteration with sericite biotite and epidote consistent with the addition of potassium to the host rocks
- favourable Triassic age host rocks.
- a subdued but anomalous molybdenum signature in the 2002 drill holes.

Soil sampling work done by previous operators including Noranda was compiled by Dr. Peter Fox., Ph.D., P.Eng. The compiled maps (Figure 8 and 9) show highly elevated gold and copper in soils overlying the Ridge Zone. The copper anomaly with >300 ppm. copper encompasses an area 2500 x 1000m having a central area of high gold 1800 x 800m. These anomalies overlie gold mineralized rocks of the Ridge Zone prospects.

The review of the most recent drilling (by Navasota in 2002) shows significant widths of sub-gram gold values and as yet sub-economic but strongly anomalous copper, with one intercept in Hole TS 06-7 of 46.5 meters of 0.929 grams/tonne gold and 0.07% copper.

In addition, a new copper-in-soil target has been identified by the work completed by Inzana. The Southeast anomaly covers an area roughly 1100 x 300 meters. These dimensions suggest widely disseminated porphyry style mineralization in addition to the more local high gold tenor zones developed to date on the Ridge Zone.

The presence of widespread copper-gold geochemical targets suggests additional porphyry style targets may exist on the property. This has been corroborated in a preliminary interpretation of the 2010 geophysical surveys which show broad radiometric potassic anomalies and smaller magnetic anomalies, consistent with other porphyry style properties in the area. The presence of more local high grade gold prospects enhances the overall potential of the Ridge Zone and 61 Zone mineralization.

Porphyry targets in the South Omineca area are clearly associated with magnetic and potassic radiometric anomalies. The combined 2010-2012 surveys have shown a number of magnetic and IP (chargeability and resistivity) targets that must be evaluated by drilling.

Further exploration is clearly warranted to develop and test the targets outlined herein. A preliminary cost estimate is given in the accompanying tentative budget.

## RECOMMENDATIONS

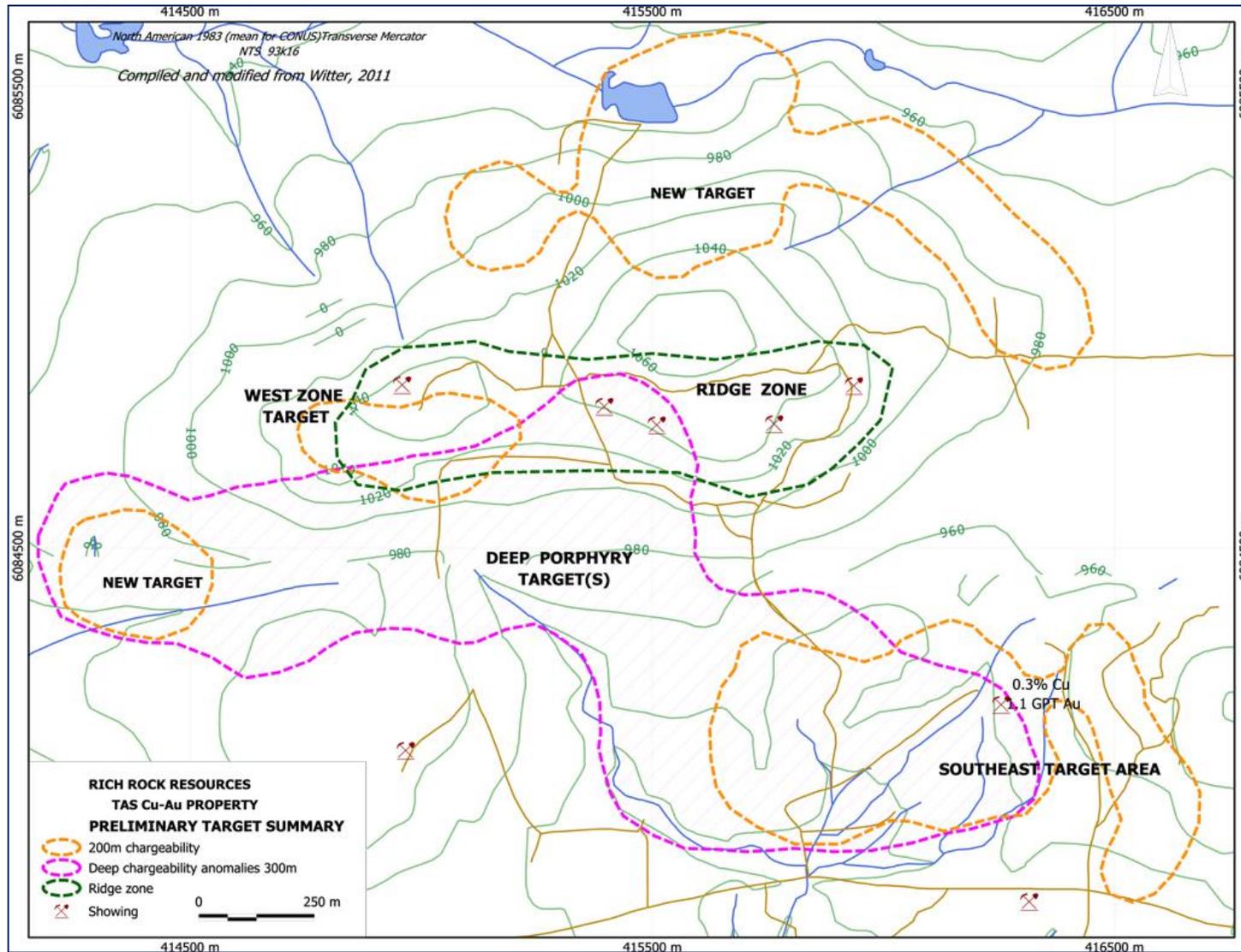
A brief review of the airborne geophysical maps and new 3 Dimensional IP data suggests numerous untested potassic radiometric, magnetic and IP targets exist. From a review of the surveys, the author, in consultation with Dr. Peter Fox, Ph.D, P.Eng. of Rich Rock, has selected 16 drill holes on various targets totaling 7,100 meters on the targets. The following recommendations are made:

- Continue compilation of older data and maps, drill data and intercepts as the present author has done for the 2002 drill holes.
- Locate re-log and resample all available core from past drilling, some of which was not split or assayed. Use a diamond saw to obtain core samples, or take the whole core if absolutely necessary (i.e. if core is in poor condition)
- From this create a computerized drillhole database
- Initiate drilling of geophysical and geochemical anomalies. Test the new radiometric, magnetic and 3D-IP anomalies.
- Pursue the long mineralized gold-copper sections encountered in the 2002 drilling at the West Zone.
- Determine if the molybdenum signature is sourced in an intrusive porphyry at depth
- Complete some deeper holes on the known targets.
- Maintain a typical QA/QC program on core sampling such as was done in 2002.
- If results warrant, initiate a resource mode and metallurgical testing.

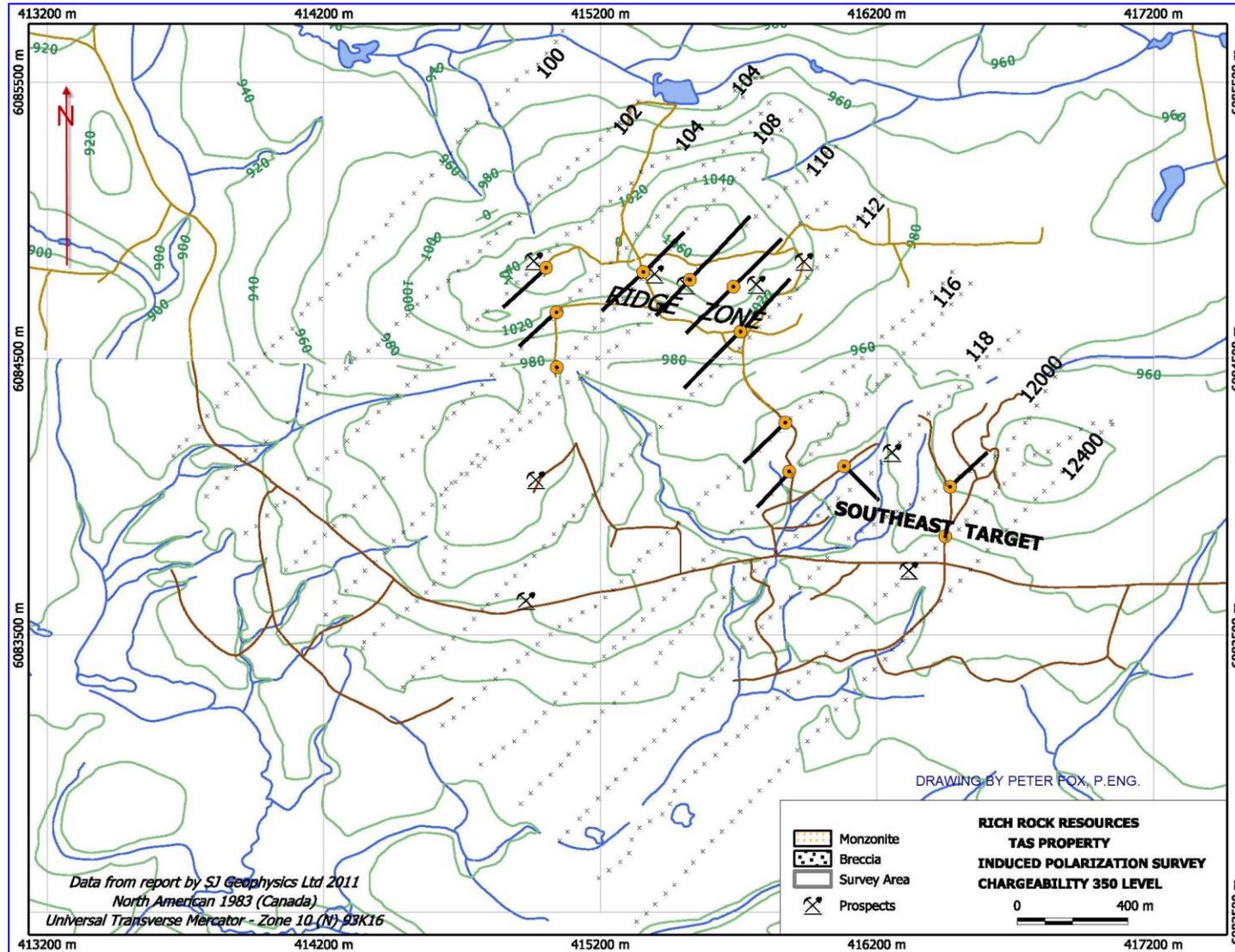
There are two targets to focus upon:

1. The historical gold vein/shear mineralization.
2. The porphyry copper gold target.

**FIGURE 18. INTERPRETATION OF TARGETS FROM 2012 SURVEYS**



**FIGURE 19. PRELIMINARY DRILL TARGETS FOR 2012**



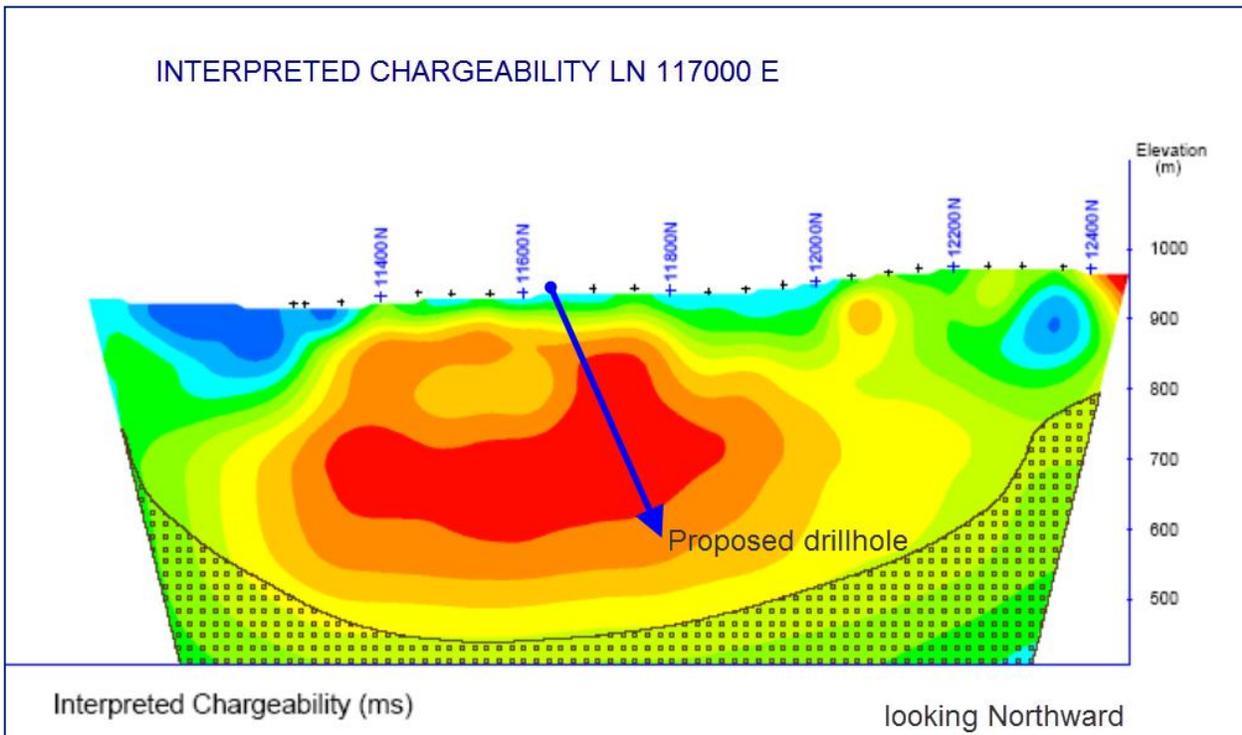
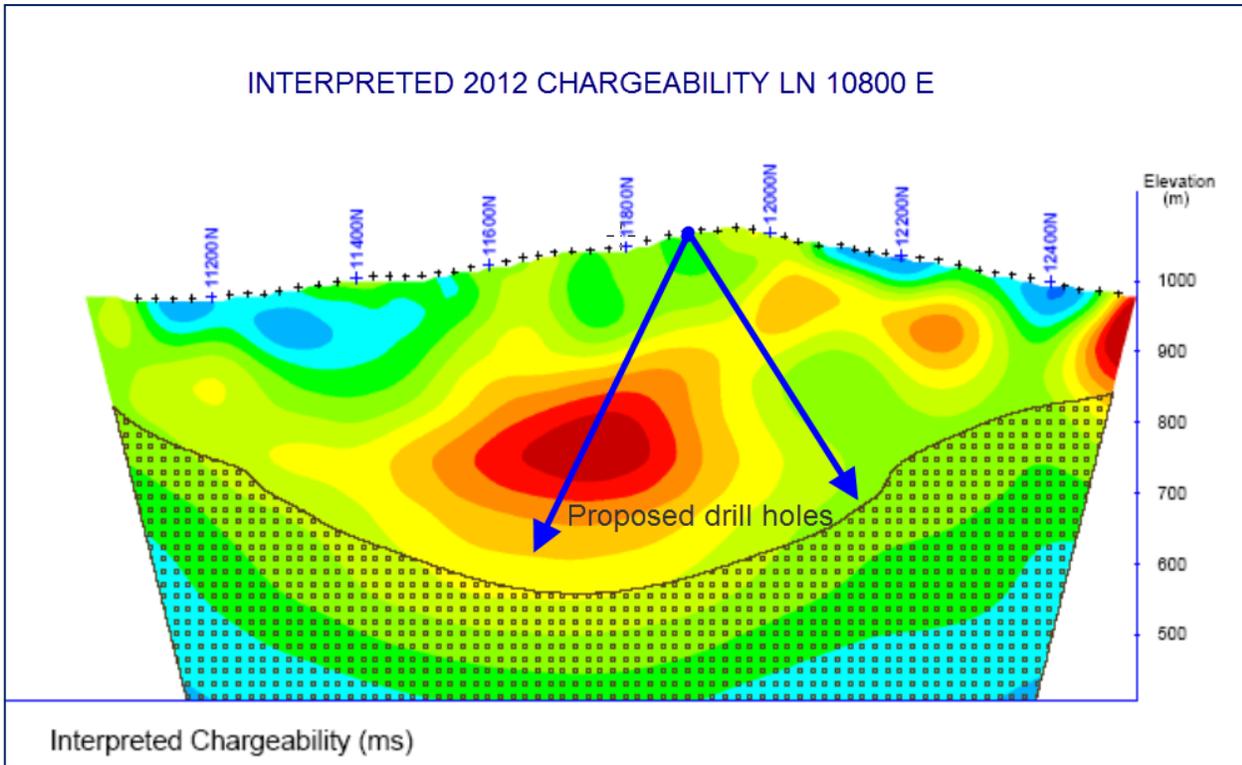
### *Proposed program and targets*

Following the 2011 and 2012 magnetic and 3D-IP surveys, recently received, the author and Dr. Peter Fox, Ph.D., P.Eng. on the basis of geophysical data at that time, proposed seven targets that warranted drilling in a Phase I program, the Mid, West, East, West II, 61, Camp and Southeast Zones, for a total of 3700m of phase I drilling. With the new 3D-IP data, a program of 16 drillholes from 350 to 550 meters in depth totaling 7,100 meters has been proposed. Drill locations proposed herein may change somewhat depending on topography and access and any reinterpretation. A Phase 1 budget of Can \$ 1,700,000 including contingency and HST has been estimated to cover the recommendations made. Tentative drill locations are provided in the Table below.

<b>TABULATION OF PROPOSED DRILLHOLES AT TAS PROPERTY</b>						
2012 Drill Program						
DDH NO.	EAST Line) m.	NORTH (Stn.) m.	AZIMUTH deg.	INCL deg.	DEPTH m.	
1	10200	10600	45	-60	400	
2	10400	11450	225	-45	400	
3	10600	11400	225	-50	450	
4	10800	11200	vert	-90	500	
5	10800	11700	225	-55	500	
6	10800	11700	45	-50	500	
7	11000	11800	225	-55	450	
8	11000	11800	45	-45	500	
9	11200	11675	225	-45	500	
10	11200	11675	45	-45	500	
11	11400	11650	225	-55	450	
12	11600	11775	225	-60	400	
13	11800	11675	135	-45	350	
14	12000	11525	45	-55	400	
15	12200	11800	45	-70	400	
16	12400	11800	vert	-90	400	
					7,100	

Note that the positions of the proposed holes are referred to grid positions. Actual position of these holes may depend on a number of factors, including permitting, topography, obstructions, weather etc. and changes in drilling plans may be made by the field geologist depending on additional results obtained or observations made.

**FIGURES 20 AND 21 EXAMPLES OF PROPOSED DRILL LOCATIONS (2012)**



**SUGGESTED INITIAL BUDGET****Phase 1****TAS PROPERTY 2012 BUDGET ESTIMATE**

<b>DESCRIPTION PHASE I</b>	<b>UNITS AND RATES</b>	<b>AMOUNT CAN\$ (rounded)</b>
Geological Supervision and compilation	2 man x 2 months	\$ 50,000.00
Geological assistants, samplers,	2 men x 2 months	\$ 20,000.00
Camp, meals and accommodation	10 men x 2 months	\$ 60,000.00
Vehicles, maintenance	2 vehicles x 2 months	\$ 15,000.00
Field equipment, computers, GPS, Sat phone		\$ 5,000.00
Permits		\$ 25,000.00
Diamond drilling, HQ or NQ all inclusive of assays, freight etc.	7100 meters x \$160/m	\$ 1,140,000.00
Geological reporting		\$ 15,000.00
Log, Sample and assay old core		\$ 25,000.00
Road and drill pad preparation, D6 cat	200 hrs x \$200	\$ 40,000.00
Equipment Rentals		\$ 5,000.00
<b>Subtotal</b>		<b>1,400,000.00</b>
Contingency	10%	\$ 150,000.00
HST 12%	12%	\$ 170,000.00
<b>TOTAL</b>	<b>rounded</b>	<b>\$ 1,700,000.00</b>

The above budget has been prepared with care, but the estimate should be revised when the various components are being set out for tender. The author does not guarantee that the above noted program can be completed for the stated costs.

A second phase of drilling, and other work, contingent on Favourable results from the program outlined above, is presented below.

**Phase II**

DESCRIPTION PHASE II	UNITS AND RATES	AMOUNT CAN\$ (rounded)
Geological Supervision and compilation	2 man x 2 months	\$35,000
Resource Estimate		\$200,000
Metallurgical Testing		\$100,000
Camp, Meals and accommodation	15 men x 3 months	\$50,000
Vehicles, maintainence	2 vehicles x 3 months	\$25,000
Field Equipment, GPS, Computers, Sat Phone etc.		\$20,000
Permits		\$20,000
Equipment Rentals		\$25,000
Diamond drilling, HQ or NQ all inclusive of assays, freight etc.	12000 meters x \$165/m	\$ 1,980,000
Geological reporting		\$ 45,000
Subtotal		\$2,500,000
Contingency	10%	\$ 250,000
HST 12%	12%	\$ 300,000
<b>TOTAL</b>	<b>rounded</b>	<b>\$ 3,050,000</b>
<b>TOTAL PHASES I AND II</b>		<b>\$4,750,000</b>

The above budget has been prepared with care, but the estimate should be revised when the various components are being set out for tender. The author does not guarantee that the above noted program can be completed for the stated costs.

Respectfully submitted

**B. J. Price Geological Consultants Inc.**



.....  
**Barry James Price, M.Sc., P. Geo., Qualified Person**

November 15, 2012

## REFERENCES

(Those emphasized in bold are the more important reports)

**Beauchamp, D.A., and Fan, S.F., 1996. Report on the TAS and Val Claims, British Columbia, BCDM Assessment report 24873.**

Bailey, D.G., 1990. Geological Examination of the TAS Prospect , BCDM Assessment report 20782

Boronowski, A.J., 1989. Geochemical Report on the TAS 1 and 4 Claims, BCDM Assessment report 19980.

Boronowski, A.J., 1989. Geochemical Report on the TAS 2 and 6 Claims of the TAS Property , BCDM Assessment report 19981

**Boronowski, A.J., and Somerville, R., 1989. Report on the 1989 Diamond Drilling and Trenching Program TAS Property for Black Swan Gold Mines Ltd.**

**Dunlop, Dugald, B.Sc., (2011) LOGISTICS REPORT On GROUND MAGNETIC SURVEY, TAS PROPERTY OMENICA MINING DIVISION, BC completed for: EAGLE PEAK RESOURCES INC. By Meridian Mapping Ltd. Dated: November 2011.**

**Dunlop, Dugald, B.Sc., (2012) LOGISTICS REPORT On GROUND MAGNETIC SURVEY, TAS PROPERTY OMENICA MINING DIVISION, BC completed for Inzana Metals Inc. by Meridian Mapping Ltd. Dated: November 2012.**

Elliott, T.M., 1999. Diamond Drilling Report on the TAS Gold Prospect North of Fort St. James, BCDM Assessment report 26185.

**Fox, Peter, (2009); Project Report, Tas Gold-Copper Property, Omineca Mining Division, NTS 93K 16, Latitude 54° 55, Longitude 124o19 prepared for: EAGLE Peak Resources Inc. Dated January 30, 2009**

**Fox, P.E., 2009. Assessment Report, Tas Gold-Copper Property, Omineca Mining Division, dated October 30, 2009. BCDM Assessment report 27152.**

**Fox, P.E., and Scrivens, S., 2010. Assessment Report, Tas Gold-Copper Property, Omineca Mining Division, dated September 10, 2010. BCDM Assessment report 31681.**

**Fox, Peter, (2012) GEOPHYSICAL Assessment REPORT On the TAS COPPER-GOLD PROPERTY Omineca Mining Division, Tas, Taslin, Taz Claims for: RICH ROCK RESOURCES dated January 5, 2012**

Halleran, W., 1994. Trenching and Bulk Sampling Report on the TAS Gold Prospect , BCDM Assessment report 23353

Halleran, W., 2008. Project Summary, Report dated August 19, 2008.

Kootchin, Matvei, (2011); Three Dimensional Induced Polarization Survey On The Tas Project Fort St. James, British Columbia, Canada. Survey Conducted By SJ Geophysics Ltd. Prepared November 2011

Maxwell, G and Bradish, L, 1987. Geophysical and Geochemical Report on the TAS 11 Claim, BCDM Assessment report 16657.

Maxwell, G and Bradish, L, 1988. Report of Work on the TAS Project, BCDM Assessment report 16763

Maxwell, G and Bradish, L, 1988. Report of Work on the TAS Project (TAS 1 - 11 Claims) BCDM. Assessment report 17234

Mowat, U., 1999. Mapping and Sampling on the TAS Claims, BCDM Assessment report 25839.

Pezzot, T, 1989. Geophysical Report on Induced Polarization, Magnetic, and Mise-a-la-Masse Surveys on the TAS Project, BCDM Assessment report 19977.

**Price, Barry J., (2010), Technical Report, Tas Copper Gold Property, Inzana Lake Area, Fort St. James, B.C. prepared for Rich Rock Resources Inc. and Eagle Peak Resources Inc., dated May 10, 2010. 56p.**

**Price, Barry J., (2012a), Technical Report, Tas Copper Gold Property, Inzana Lake Area, Fort St. James, B.C. prepared for Rich Rock Resources Inc. and Eagle Peak Resources Inc., dated March 15, 2012.**

Somerville, R.,1989. Geophysical Report on a Total Field Magnetic Survey and a VLF Survey on the TAS Claims Ridge Zone, BCDM Assessment report

Schmidt, U., 1988. Report on the Grid Soil Geochemistry of the TAS East Property, BCDN Assessment report 18100.

Schmidt, U., 1990. Helicopter Borne Magnetic and VLF-EM Survey, TAS East Property, BCDM Assessment report 1993.

**Scrivens, Sean, P.Geo., (2010); Report on a Helicopter-Borne Magnetic Gradiometer, VLF-EM & Radiometric Survey, Project Name: TAS, Project Number: 2010-006 prepared for Rich Rock Resources and dated July 20th, 2010.**

**Tryon, Alex, 2012; Logistics Report Prepared For Inzana Metals Inc . Three Dimensional Induced Polarization Survey (SJ Geophysics Ltd.) On The Tas Project dated August 2012**

Warner, L., 1985. Report on Soil Geochemical Survey, BCDM Assessment report 13979.

Warner, L and Bradish L, 1987. Assessment Report TAS 2 - 10 Claims, BCDM Assessment Report 15687

**Warner, L.M., and Kay, B.G., 2003. Report on Diamond Drilling for the TAS Property, BCDM Assessment report 27152.**

**Wells, Ron., (2006); Report on 2005 Exploration on the Fran Property, Omineca Mining Division British Columbia For Yankee Hat Minerals Ltd. Effective Date: March 22, 2006**

**Witter, J., (2011) Interpretation Memo (For Tas Property IP Survey) SJ Geophysics Ltd. Dated December 16, 2011.**

**CERTIFICATE OF QUALIFIED PERSON BARRY J. PRICE, P. GEO.**

I, Barry James Price, hereby certify that:

I am an independent Consulting Geologist and Professional Geoscientist residing at 820 East 14th Street, North Vancouver B.C., with my office at Ste. 831 - 470 Granville Street, Vancouver, B.C., V6C 1V5, (Telephone: 682-1501)

This certificate applies to the Technical Report titled: Technical Report 2012, Tas Copper Gold Property, Inzana Lake Area, Fort St. James, B.C. (the "Technical Report") prepared for **Rich Rock Resources Inc.** and **Inzana Metals Inc.**, and dated November 15, 2012. I am responsible for all parts of this report.

I am a registered as a Professional Geoscientist (P. Geo.) in the Province of British Columbia with the Association of Professional Engineers and Geoscientists of BC ("APEGBC") No 19810 - 1992 and I am entitled to use the Seal, which has been affixed to the Technical Report. I am also a member of the Society of Exploration Geologists (SEG) and Canadian Institute of Mining (CIM).

I graduated from University of British Columbia, Vancouver B.C., in 1965 with a Bachelor's Degree in Science (B.Sc.) Honours, in the field of Geology, and received a further Degree of Master of Science (M.Sc.) in Economic Geology from the same University in 1972.

I have practiced my profession as a Geologist for the past 45 years since graduation, in the fields of Mining Exploration, Oil and Gas Exploration, and Geological Consulting. I have written a considerable number of Qualifying Reports, Technical Reports and Opinions of Value for junior companies.

I have worked in Canada, the United States of America, in Mexico, The Republic of the Philippines, Indonesia, Cuba, Ecuador, Panama, Nicaragua, Tajikistan, The People's Republic of China, and the Republic of South Africa, Chile, and Argentina.

I visited the subject Tas property on June 16 and 17, 2010 accompanied by Derry Halleran, original property owner and vendor, and Ken MacDonald P.Geo., consulting geologist of Prince George B.C. following which I completed the 2010 technical Report, which contains a full description of all past work. Prior to the 2010 report I have had no prior association with the property.

I have explored and examined similar properties in the Fort. St. James and Manson Creek areas for others, including the Duckling Creek and Lorraine copper and gold properties. I have also worked on numerous other similar copper gold deposits in British Columbia, Mexico, Panama, and the USA.

I have based this report in part, on information contained in the Summary and Assessment Report for the property prepared by Peter Fox, Ph.D., P.Eng. and other experienced geologists and engineers and on a review of all available data concerning the subject property supplied by Eagle Peak Resources Inc., and Rich Rock Resources Inc. and on other materials from my own files and other materials obtained from the literature and from the Internet.

For the purposes of the Technical Report I am a Qualified Person as defined in National Instrument 43-101.

I have no direct or indirect interest in the Tas property in the Omineca Mining Division which is the subject of this report, and I do not hold, directly or indirectly, any interest in the properties or shares of Rich Rock Resources Inc. or Inzana Metals Inc., or any related company in full compliance with section 1.5 of National Instrument 43-101. I have read National Instrument 43-101 and the Technical Report has been prepared in compliance with that instrument.

As of the date of the certificate, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed the absence of which would make the Technical Report incomplete or misleading.

I consent to the public filing of the Technical Report and to extracts from, or a summary of the technical report in the written disclosure being filed subject to keeping the information in context.

Dated at Vancouver B.C. this 15<sup>th</sup> day of November 2012

.....  
**Barry James Price, M.Sc., P. Geo.,**  
Qualified Person

