

**BC Geological Survey  
Assessment Report  
32197**

**Assessment Report Detailing Mapping and Sampling Work**

**Homathko Property**

**July 2010**

**Caribou Regional District, British Columbia**

(NTS 41P10)



Prepared for  
Transition Metals Corporation

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## APPENDICES

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## **1.0 SUMMARY**

The Homathko property was staked by Transition Metals Corp. (Client 240041, the Company) to cover unevaluated occurrences of gold identified by the company in early 2010. The property is situated on the eastern margin of the Pacific Coastal mountain range in the Caribou Regional District, British Columbia, located approximately 200 kilometres west of Williams Lake.

The property hosts gold occurrences situated in deformed rocks of the Stikine Terrane, a prolific metallogenic belt occurring in the central interior of British Columbia. The Stikine is host to numerous world class gold and polymetallic base metal deposits (Bralorne/Pioneer, Galore Creek, Red Chris, Kemess, Gibraltar, Highland Valley, Eskay Creek, Minto). Despite a long history of exploration work targeting the rocks of the Stikine Terrane, little historical exploration work has been conducted in the area along the Homathko River, southwest of Tatlayoko Lake. The occurrence was discovered by Falconbridge during a program of helicopter reconnaissance in 1964. Since that time little work has been performed to advance the prospect.

Mapping and prospecting work completed by the Company in 2010 confirmed a widespread gold system associated with structurally deformed and altered porphyry and mafic volcanic. The zone is approximately 1,500 metres in strike length and up to 60 metres wide located on the north slope of Mount Homathko. Elevated gold values were detected at sporadic locations across the zone with the best grab sample returning 87 g/t Au.

## **2.0 INTRODUCTION**

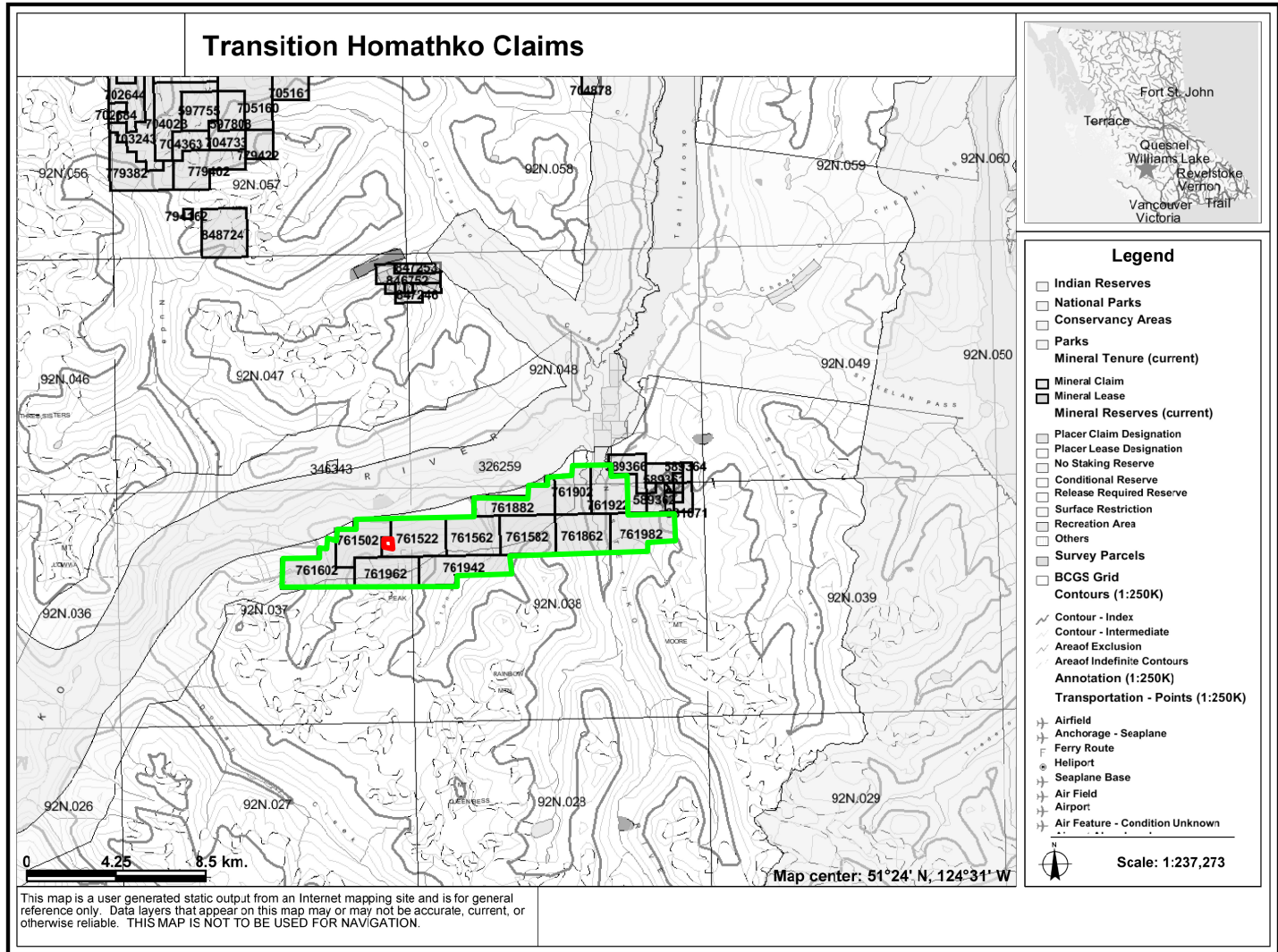
During the week of July the 5<sup>th</sup> 2011, representatives of the Company conducted preliminary field investigations of the gold potential of its claims situated at the south end of Tatlayoko Lake on the north face of Mount Homathko. Work included prospecting, geological mapping and the collection of 58 grab samples of rock from exposed outcrop on claims 761502 and 761522. This report details the work completed and presents assay geochemical results from this program. This report is intended in part to fulfil requirements associated with filing Assessment Work in the Province of British Columbia to maintain the claims in good standing.

## **3.0 PROPERTY LOCATION AND ACCESS**

The property is located approximately 200 km west of William's Lake and consists of 12 contiguous unpatented mining claims comprising approximately 5,487 hectares in the Caribou Regional District, British Columbia (see Table 1 for complete listing of claims). The centre of the property is located approximately 10 km southwest of the southern end of Tatlayoko Lake at 124°33' west longitude, 51°22' north latitude and covers exposures along the north slope of Mts Homathko, Rainbow and Moore at elevations ranging from 1000 to 3000 metres above sea level (3,280 to 9,850 ft). All claims are registered 100% to Transition Metals Corp.

The property can be accessed via helicopter from a base operated by White Saddle Air Services located approximately 23km to the north from the company base at Bluff Lake. There, accommodations and supplies were utilized to support activities on the property. Portions of the property lying on the east side of the Ostetuko River can be reached seasonally using all terrain vehicles via a road extending south from Tatlayoko Lake. The westernmost portion of the claims can be reached only by helicopter or by foot/horse trails extending 13 km west from the road at the end of Tatlayoko Lake.

Figure 1: Property Location Map



**Table 1. Listing of Claims**

| Tenure Number | Claim Name | Owner         | Tenure Type | Tenure Sub Type | Map Number | Issue Date  | Good To Date | Status | Area (ha) |
|---------------|------------|---------------|-------------|-----------------|------------|-------------|--------------|--------|-----------|
| 761502        | MCDOUGALL  | 240041 (100%) | Mineral     | Claim           | 092N       | 2010/apr/29 | 2011/apr/29  | GOOD   | 444       |
| 761522        | MCDOUGALL  | 240041 (100%) | Mineral     | Claim           | 092N       | 2010/apr/29 | 2011/apr/29  | GOOD   | 504       |
| 761562        | MCDOUGALL  | 240041 (100%) | Mineral     | Claim           | 092N       | 2010/apr/29 | 2011/apr/29  | GOOD   | 484       |
| 761582        | MCDOUGALL  | 240041 (100%) | Mineral     | Claim           | 092N       | 2010/apr/29 | 2011/apr/29  | GOOD   | 484       |
| 761602        | MCDOUGALL  | 240041 (100%) | Mineral     | Claim           | 092N       | 2010/apr/29 | 2011/apr/29  | GOOD   | 505       |
| 761862        | MCDOUGALL  | 240041 (100%) | Mineral     | Claim           | 092N       | 2010/apr/30 | 2011/apr/30  | GOOD   | 484       |
| 761882        | MCDOUGALL  | 240041 (100%) | Mineral     | Claim           | 092N       | 2010/apr/30 | 2011/apr/30  | GOOD   | 444       |
| 761902        | MCDOUGALL  | 240041 (100%) | Mineral     | Claim           | 092N       | 2010/apr/30 | 2011/apr/30  | GOOD   | 363       |
| 761922        | MCDOUGALL  | 240041 (100%) | Mineral     | Claim           | 092N       | 2010/apr/30 | 2011/apr/30  | GOOD   | 363       |
| 761942        | MCDOUGALL  | 240041 (100%) | Mineral     | Claim           | 092N       | 2010/apr/30 | 2011/apr/30  | GOOD   | 484       |
| 761962        | MCDOUGALL  | 240041 (100%) | Mineral     | Claim           | 092N       | 2010/apr/30 | 2011/apr/30  | GOOD   | 424       |
| 761982        | MCDOUGALL  | 240041 (100%) | Mineral     | Claim           | 092N       | 2010/apr/30 | 2011/apr/30  | GOOD   | 504       |

To facilitate the field work, a temporary fly camp was established on the north face of Homathko Mountain. The camp was established on a flat ridge located at 5,330 feet elevation, UTM 387,280mE, 5,692,850 mN.

The property is situated within the Homathko River drainage system, an area constituting part of a First Nations Consultive Area which includes the Tsilhqot'in First Nation, the Xwemalhkwa (Homalco) First Nation, Xenigwet'in First Nations Government and the Laich-kwil-tach Treaty Society. Portions of the property lie under the Chilko District Hydro Project reserve. The northern boundary of the claim group follows the Homathko –Tatlayoko Protected Area. Figure 1 depicts the approximate location of the Property as recorded by the British Columbia Department of Mines.

#### **4.0 HISTORY**

In 1910, the area was visited by W.M. Fleet, provincial mineralogist. At the time, prospectors had located and were working the Morris mine, an epigenetic copper and auriferous quartz/carbonate/stibnite bearing vein system located just south of Tatlayoko Lake. Fleet identified that the area surrounding the northeastern Homathko River valley hosted the contact between the coast range granites and the sedimentary rocks of the interior. Fleet considered the area west of Tatlayoko Lake a favourable area for prospecting, however activity elsewhere in the province at the time took precedence.

Mention of showings located west of the Morris Mine occurs in a 1924 BC Minister of Mines summary report. Reports of arsenopyrite veins carrying low gold values found by prospectors west of the lake were tempered by comments to the effect that despite occurring in an easily accessible, well defined zone, the showings may have been largely ice covered.

In 1964, a reconnaissance team lead by James McDougall of Falconbridge landed on the north slope of Mt Homathko to investigate an exposure of rusty quartz veining located at the base on a retreating ice field. Rocks collected during this stop returned highly elevated values of gold in grab samples from rock outcropping on the property. The following summer, a party returned to stake the property and conduct a 3 week program of prospecting and sluice trenching. The work conducted during the early summer of 1965 identified a broad zone of auriferous quartz/carbonate veins hosting values up to 11 oz/t gold. It was recommended that a drill be employed to obtain a continuous sample through the Discovery showing area and investigate areas covered in overburden. It was noted that the proximity to the showing to the ice field, the remote location, short season and the price of gold were deterrents to Falconbridge conducting additional work on the prospect at the time. It was further noted that the ice field was retreating quickly and would provide the potential to reveal additional veining up section. In 1966 McDougall recommended that Falconbridge return at a later date, when the price of gold was increased and the ice field had

further retreated. Record of these activities conducted by Falconbridge did not become publically available until 2007, after private company records donated to the BC Department of Mines were scanned and made available to the public.

Despite the lack of public record, local knowledge of the Falconbridge discovery persisted. In 1974, the site of the Falconbridge discovery was visited and acquired by Van Rosen, who observed that most of the trenches exposed by Falconbridge had been buried. No record of additional work by Van Rosen is known.

In 1983 the property was acquired by R. Dion. An assessment report presenting the results of some air photo fracture density interpretation was submitted on Mr. Dion's behalf by Rosen in 1983. (AR11770) No physical work was recorded on the property during this period.

The property was acquired by Golden Rule who commissioned a 3 day property visit in 1989. R.D. Cruikshank visited the property located Falconbridge's discovery showing and took 30 rock samples. Cruikshank's grab samples returned gold values up to 1.88 oz/tonne. (AR18977). It appears that Golden Rule were aware of Falconbridge's past activity on the property, but that they did not have the benefit of seeing the reports of work completed by Falconbridge in the late 1960's.

Following a review of the Falconbridge reports in 2010, the property was staked by Transition Metals.

## **5.0 GEOLOGY**

### **5.1 REGIONAL GEOLOGY**

The property lies near the contact of the eastern edge of the coast plutonic suite. The generalized geology of the area is summarized in Figure 2 modified from Rushmore and Woodsworth 1994 derived from GSC Map 5 – 1968 – the “Mount Waddington” sheet authored by H.W. Tipper. Until recently, Homathko Peak was thought to consist of a massif of granodiorite belonging to the Cenozoic aged Tiedemann complex over thrusting and intruding deformed Mesozoic volcanic and metasediments. Recent age dates taken at Mt Homathko identify that the age of the Homathko Peak tonalite to be 154.3 +/- 0.3 Ma. It is believed that the property is largely underlain by deformed Jurassic aged volcanic and intrusive rocks of the Stikine Terrane.

### **5.2 PROPERTY GEOLOGY**

One focus of the field work completed during the reported program was to map out and determine the extent of altered and deformed volcanic and intrusive rocks associated with auriferous quartz carbonate veining located beneath the Homathko tonalite. This section presents an interpretation of the property scale geology of the property based on observations and relationships observed in the field. Field investigation on the ground was restricted to claims 761502 and 761522.

#### **5.2.1 Homathko Tonalite**

The peak of Mt Homathko is underlain by massive medium grain quartz diorite consisting of 50% albite and plagioclase, 40% augite and up to 10% quartz overprinted locally by fracture controlled to pervasive epidote. This rock is massive in character, with no apparent signs of ductile shearing observed. As previously mentioned, this unit was dated by Parish in 1992 as early Jurassic (154.3 +/- 0.3 Ma) in age. Locally centimetre scale patches of burnt

sulphides (pyrite, pyrrhotite with trace chalcopyrite) were observed in this unit. The base of this formation provides a prominent ledge upon which the retreating Ice field on the north face of Homathko is now restricted. Contact relationships between the base of this unit and underlying volcanic and metasedimentary rocks are poorly exposed obscured by talus and other debris.

### 5.2.2 Upper Volcanics

This unit consists of a horizon of massive to pillowed mafic volcanics underly the Homathko Tonalite unit ranging from 0 to 100m in thickness exposed along the lower contact cliff face of the Homathko Tonalite across the breadth of claims 761502 and 761522. These are aphyric weakly foliated rocks without any distinguishable compositional layering.

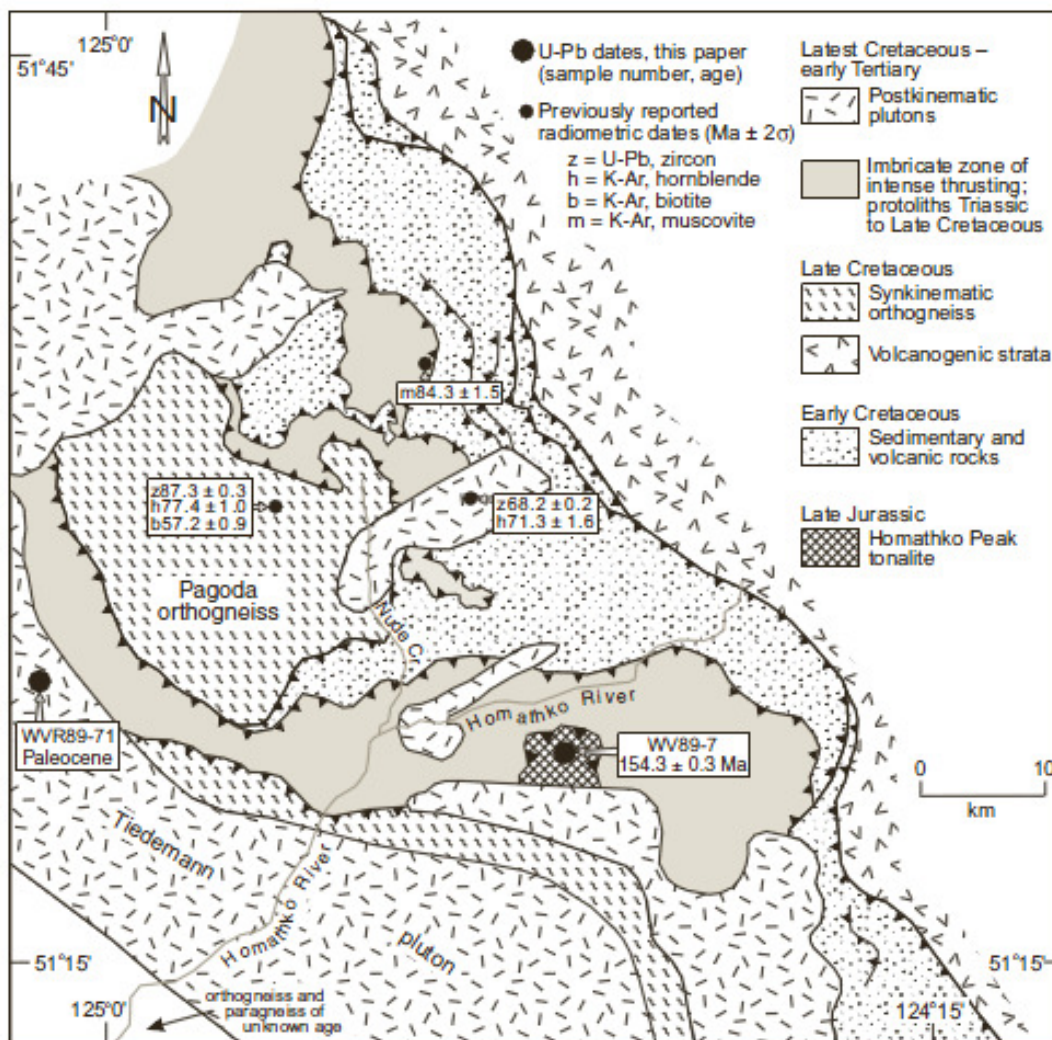


Figure 2: Regional Geology of the Eastern Waddington thrust Belt (modified from Rushmore and Woodsworth, 1994)



### 5.2.3 Upper Metasediments

This unit consists of a 20 to 80m wide band of strongly sheared rusty weathered pyritic mudstones, graphitic argillites and siltstones. This unit underlies the Upper Volcanic unit and can be traced across the breadth of claims 761502 and 761522. The Strike of the unit ranges from 070 to 090° and the dip ranges from 60 to 70°. Narrow quartz carbonate veinlets were observed in this unit containing trace amounts of disseminated pyrite. Of the two samples collected in this unit, neither returned elevated gold values.

### 5.2.4 Camp Volcanics

This unit consists of a 50 to 100m thick band of variably sheared and altered mafic volcanic underlies the Upper Metasediments. This unit is well exposed in the vicinity of the location used by the company to place its helicopter fly camp. It consists of massive to pillowed chloritic mafic volcanic overprinted by quartz-ankerite veining containing minor amounts of pyrite and chalcopyrite. Near contacts with veining, weathered surfaces take on a buff colour related to increased carbonate alteration. The degree of shearing in this unit appears to increase towards the lower contact where quartz carbonate veining is observed rotating into the plane of shearing roughly Az 070/-65°. Away from the lower contact deformed veining occurs more sporadically at various orientations.

Figure 3 depicts an exposure of strongly carbonatized volcanic overprinted by deformed quartz carbonate veinlets occupying up to 15% of unit. Narrow dyklets of quartz feldspar porphyry similar in appearance to the Homathko Porphyry are observed intruding this unit as evidenced in the photo provided in Figure 4.



Figure 3: Photo of sheared quartz/carbonate (ankerite) altered Camp Volcanics



Figure 4: Photo of quartz feldspar porphyry dyke intruding into the Camp Volcanics

### 5.2.5 Homathko Porphyry

This unit consists of a 20 to 60 metre thick horizon of buff weathered quartz feldspar porphyry overprinted by extensive quartz carbonate veining. The exposed surface of this unit exhibits a distinctive buff-orange colour due to the limonitic weathering of ankerite which is easily identifiable in the field or from air. This unit appears to pinch and swell along a structure paralleling the strike of the unit has been traced on foot and by air for a strike distance of approximately 2 km. The unit is strongly overprinted by quartz carbonate veining occupying between 5 to 50% of unit, and is pervasively sericitized and silicified hosting trace amounts of fine disseminated pyrite. The orientation of veining within the Homathko Porphyry appears erratic, however near the Upper and lower contact, unit becomes strongly sheared striking  $070/65^{\circ}$ , and veining is observed rotated into the plane of shearing. Figure 5 provides a view of an exposure of the altered Homathko Porphyry unit looking to the east towards the Chopper Zone, overlain on its upper contact with the Camp Volcanics and underlain at its lower contact by the Lower Volcanics.



**Figure 5: Buff Coloured Homathko Porphyry overlain by Camp Volcanics, underlain by Lower Volcanics highlighted on figure**

### **5.2.6 Lower Volcanics**

This unit consists of a 50 to 100m thick horizon of variably sheared and altered mafic volcanics. The unit appears similar in composition to the Camp Volcanics, and may represent a fault offset extension to the Camp Volcanics or dilation about the Homathko Porphyry.

### **5.2.7 Lower Metasediments**

This unit consists of reddish brown coloured weathered pyritic mudstones, graphitic argillites and siltstones. Unit appears to be quite thick and extends down slope under deposits of slide material and vegetation, striking 070/65°, paralleling the structures exposed around the margins of the Homathko Porphyry.

### **5.2.8 Structure**

Foliation developed in the underlying Triassic sediments of the Moore Formation both tend to strike east-north easterly and dip on average 50 to 60° to the south. The shear zone developed around the Homathko Porphyry coincides with a structure that has been mapped by the GSC as a thrust fault (Roddick, 1985) and has been used as a means to explain how deformed volcanic and metasedimentary assemblages interpreted to be part of an older central gneiss complex overlie unmetamorphosed rocks of the Triassic Mount Moore formation. The shape of the mapped thrust fault feature also implies an overall standard geometry for a thrust fault. The relationships observed in the field

and recent age dates do not support this interpretation.

Firstly, the orientation of the ductile shear zone developed around the Homathko Porphyry is not consistent with the interpreted orientation of the mapped thrust fault striking 070/065°. Secondly, there are no age dates associated with the deformed volcanic and metasedimentary hosting the Homathko Porphyry. What is known, is that this assemblage is overlain by the Jurassic aged Homathko Tonalite. These rocks are younger than the underlying Triassic Mount Moore formation implying that a homoclinal sequence could still be in place.

## 6.0 MINERALIZATION

Two Minfile showings are recorded on the property. The Kor showing - Minfile number 092N 049 is based on information provided in assessment report AR 81997 submitted by D. Cruikshank on behalf of Golden Rule Resources. This report describes a gold occurrence associated with quartz carbonate veining hosting up to 64 g/t Au in an altered phase of a differentiated quartz diorite intrusion. The location of the Minefile showing is placed within the boundary of claim 602965 which is not part of the current property owned by Transition Metals. Close inspection of this claim revealed that much of this claim is overlain by thick deposits of slide material and debris.

Minfile number 092N 023 – the Hom showing is located on claim 761582 and is described as an occurrence of arsenopyrite, pyrite and chalcopyrite located on Rainbow Mountain, approximately 6 kilometres east-northeast of Homathko Peak, 9 kilometres southwest of the southern end of Tatlayoko Lake. An attempt to locate this occurrence was made by air, but a suitable location to land could not be identified that would allow detailed investigation of the area in the available time.

The initial focus area of ground work completed by Transition Metals was to investigate the areas highlighted in the internal report prepared by J. McDougall for Falconbridge Ltd. in 1965. McDougall's maps outlined an extensive network of quartz carbonate veining in a buff coloured intrusion developed around an exposure in what was referred to as Discovery Creek at approximately 1,670 m elevation occurring on claim 761502. Falconbridge referred to this area of mineralization as the Discovery Creek Occurrence.

An investigation of the Discovery Creek area located a 20 to 60m wide exposure of stockwork of quartz ankerite veining over a strike length of approximately 200m, beyond which the unit dips under deposits of overburden. Quartz veining ranging from a few millimetres to 2-3 metres in width are widely distributed throughout the Homathko Porphyry composing between 1 and 50% of the rock volume accompanied by pervasive carbonate and sericite alteration. Near the sheared contact between the Homathko Porphyry and the Camp Volcanics, discontinuous quartz carbonate veinlets oriented in the plane of shearing up to 3m in width traceable along strike for up to 30 m were observed. Similarly oriented discontinuous veining in shear structures developed within the Camp Volcanics was also observed.

The weathered buff colour of the Homathko Porphyry was further traced by mapping and prospecting along strike for approximately 2.0 km. This unit was observed extending for some distance to the east and west of the Discovery Creek showing. Elevated gold values were detected across 1.5km of this exposed strike length. A new quartz carbonate vein hosted occurrence hosting elevated gold and silver (0.88 g/t Au, 2.0 g/t Ag) in the Homathko Porphyry named the Chopper Zone was identified on a ridge located approximately 1 km east of the Discovery zone at 388,076 mE, 5,693,151 mN.

In all environments veining consists predominantly of white quartz, up to 10% buff to rusty weathered ankerite and up to 5% patchy disseminated sulphides comprised predominantly of pyrite and chalcopyrite with trace amounts of arsenopyrite. Within altered portions of the Camp Volcanics, trace amounts of apple green mariposite was observed

locally in close proximity to the margins of the veining.

## 7.0 EXPLORATION WORK

During the week of July the 5<sup>th</sup>, 2011 representatives of Transition Metals travelled to the project area to complete a preliminary assessment of the geology and mineral potential of the property. The objective of the field work was to identify the historical showings, determine the controls on the observed mineralization, map out the distribution of these controls on the property in the vicinity of the known occurrences and to prospect for extensions and or additional occurrences of mineralization located on the north slope of Homathko Mountain.

The work was completed by Greg Collins, P.Geol and Scott McLean, P.Geol, consultants of Transition Metals Corp, making use of helicopter support provided by White Saddle Air Services located at Bluff Lake, near Tatla Lake British Columbia, and a small portable fly camp which was set up on the North slope of Homathko Mountain between July 5 to July 8<sup>th</sup>, 2010. Two additional days of traversing were supported by helicopter from a well equipped base camp at the White Saddle Ranch run by Dave and Lorie King. The base camp at the White Saddle Ranch was used as a location where preparations for the field work, and mobilization and demobilization to the property by helicopter were made.

A daily log of work activities undertaken during this period is presented below:

- **July the 4<sup>th</sup>** – Travel for G.Collins and S.McLean to Tatla Lake from Vancouver
- **July the 5<sup>th</sup>** – G.Collins and S.McLean establish fly camp on north face of Homathko (387,380mE, 5692850mN), conduct preliminary prospecting in the vicinity of the Discovery Zone as evidenced in the historical Falconbridge Maps. Showing located, outcrops mapped, 10 rock samples collected for multi element assay.
- **July the 6<sup>th</sup>** – G.Collins and S.McLean conduct additional Mapping and prospecting in the vicinity of the Discovery showing resulting in the collection of an additional 13 rock samples.
- **July the 7<sup>th</sup>** - G.Collins and S.McLean head east to follow Homathko Porphyry completing additional mapping and collecting approximately 16 samples.
- **July 8<sup>th</sup>** – G.Collins and S.McLean follow the Homathko Porphyry along strike to the west and return to the Discovery showing to collect additional rock samples. Camp was packed up in the afternoon and Scott and Greg returned via Helicopter to the base camp at White Saddle Ranch.
- **July the 9<sup>th</sup>** – G.Collins and S.McLean get dropped at eastern end of north slope of Homathko Mountain at (388380.28 mE, 5692810.54 mN) and complete a traverse along the eastern extent of the exposed portion of the buff coloured Homathko Porphyry collecting approximately 12 samples and identifying the Chopper Zone occurrence.
- **July the 10<sup>th</sup>** – Conduct helicopter recon on adjacent showing and attempt evaluate the Hom showing area on claim 761582. Could not land in the vicinity of the Hom showing given time constraints with the helicopter. Put down in the vicinity of the Morris Mine, and waited for pick-up. Chopper was called away on medical emergency.

- **July 11<sup>th</sup>** – G.Collins and S.Mclean packed up samples and gear for transport and travelled back to Vancouver.

In total 58 rock samples were collected on claims 761502 and 761522 from a variety of lithologies. Figure 7 presents a summary map of the lithologies encountered and displays the location of all samples collected during the program. Appendix A contains a listing of all sample numbers, coordinates and sample descriptions. Appendix B provides a copy of the assay certificates obtained from the samples collected. A compilation map depicting a geological interpretation of the survey area is included in Appendix C.

## **8.0 DISCUSSION OF RESULTS**

The results from 58 multi element assays include elevated gold and silver values associated with quartz carbonate veining in close proximity to the Homathko Porphyry over an approximate 1.5 km of strike on claims 761502 and 761522. Gold values up to 15.8 g/t Au and 33.1 g/t Ag were detected in veining occurring in the Homathko Porphyry. Visible gold was observed in a 15m long 50cm wide vein exposed in the Camp Volcanics near the upper contact of the Homathko Porphyry that returned an assay results of 87.5 g/t Au, 45 g/t Ag (sample E241866). A photo of a small speck of visible gold from this exposure is presented in Figure 6.

Most of the sampling focused on obtaining samples of exposed veining including surrounding wall rock, but many samples were also collected in rocks that were apparently less altered, or containing no obvious vein material. Due to this approach, the sampling methodology applied during the program is considered to be preliminary, and is by no means considered to be representative of distribution of gold values on the property.

Based on field relationships and nearby age dates the occurrence appears to occur entirely in lower greenschist metamorphosed Mesozoic rocks interpreted to be Jurassic in age, as opposed to being associated with a thrust fault near the margin of the Coast Plutonic range as previously thought. Mineralization is spatially associated with a quartz and feldspar bearing porphyry stock that intrudes along a steeply (60-65°) south dipping ductile shear zone within the volcanic sequence. This sequence has been overprinted by extensive quartz carbonate and sericite alteration interpreted to accompany the introduction of minor concentrations of metallic sulphides carrying elevated concentrations of gold and silver.

Towards the interior of the Porphyry, quartz carbonate veining occurs in an erratic stockwork fashion in relatively undeformed rocks. Near the upper contact of the porphyry, the degree of alteration, veining and sulphide content increases and many larger sized 2-3m thick – 10 to 20m long veins are observed rotated into the fabric of shearing. In the adjacent hanging wall Camp Volcanic unit, discontinuous quartz/carbonate veins are also observed following the fabric of shearing along the contact as well as occurring in other erratic orientations caught up in the shearing. Based on field observations the geological environment and mineralization on the property appears consistent with that of a traditional mesothermal lode gold deposit and bears many similarities to those deposits occurring elsewhere in the Stikine belt (Pioneer/Bralorne District, Elk Gold Mine etc.).



**Figure 6: Photo of quartz carbonate veining from outcrop hosting visible gold which assayed 87.5 g/t Au in Sample E241866. Gold occurs as speck in centre of dashed circle**

A review of the multi-element geochemistry of the rock samples was undertaken to provide some insight into the distribution of gold and association with other potential pathfinder elements. Tables 2 and 3 present a correlation coefficient matrix illustrating independent relationships between some of the elements analysed in the Homathko Porphyry and the Camp Volcanics. A correlation coefficient of 1.0 evidences a strong positive correlation, 0.0 evidenced no correlation, and -1.0 evidences a strong negative correlation.

From samples collected in the Homathko Porphyry, a strong positive correlation between the distribution of Au and As, and a moderately strong correlation with silver is observed. There seems to be little correlation if any between the distribution of Cu, Zn and sulphur implying that relative abundance of sulphur in veins may not be an effective measure of gold content in the system. Relative concentration of sulphides in the Homathko Porphyry including content of arsenopyrite is low with the unit hosting an average sulphide content of 0.5% S. The average precious metal content of all samples collected in the Homathko Porphyry was 0.74 g/t Au, 2.54 g/t Ag. Of the 40 samples collected from this unit, 10 of the 40 ~25% contained elevated gold values (>200 ppb).

## Homathko Porphyry

|           | Au (ppm) | Ag (ppm) | Cu (ppm) | Zn (ppm) | Ni (ppm) | Co (ppm) | As (ppm) | S %   |
|-----------|----------|----------|----------|----------|----------|----------|----------|-------|
| Au (ppm)  | 1.00     | 0.52     | 0.21     | 0.13     | -0.11    | -0.22    | 0.80     | 0.05  |
| Ag (ppm)  | 0.52     | 1.00     | 0.07     | 0.05     | -0.18    | -0.32    | 0.14     | -0.02 |
| Cu (ppm)  | 0.21     | 0.07     | 1.00     | 0.05     | -0.19    | -0.13    | 0.15     | 0.08  |
| Zn (ppm)  | 0.13     | 0.05     | 0.05     | 1.00     | -0.07    | 0.15     | 0.10     | 0.39  |
| Ni (ppm)  | -0.11    | -0.18    | -0.19    | -0.07    | 1.00     | 0.66     | 0.09     | -0.30 |
| Co (ppm)  | -0.22    | -0.32    | -0.13    | 0.15     | 0.66     | 1.00     | -0.10    | 0.10  |
| As (ppm)  | 0.80     | 0.14     | 0.15     | 0.10     | 0.09     | -0.10    | 1.00     | 0.04  |
| S %       | 0.05     | -0.02    | 0.08     | 0.39     | -0.30    | 0.10     | 0.04     | 1.00  |
| Easting   | -0.02    | -0.17    | -0.03    | -0.01    | 0.31     | 0.24     | 0.22     | -0.24 |
| Northing  | -0.04    | -0.19    | -0.07    | -0.08    | 0.44     | 0.32     | 0.26     | -0.32 |
| Elevation | -0.03    | -0.03    | -0.12    | 0.01     | -0.08    | 0.02     | -0.06    | 0.00  |

**Table 2. Independent Correlation of Elements from Samples Collected from the Homathko Porphyry**

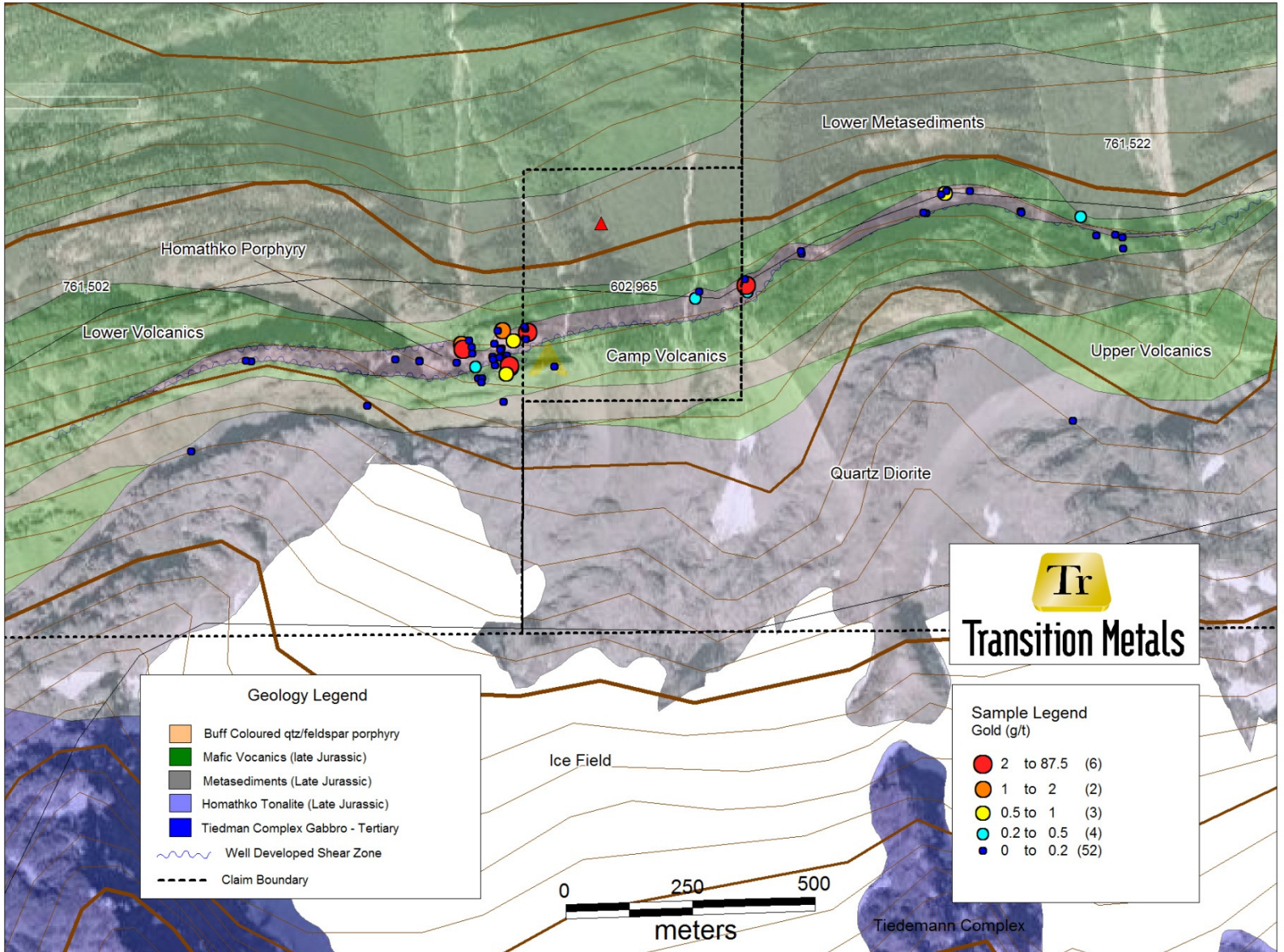
In the Camp Volcanics unit however, a much stronger correlation between gold, silver and copper was observed. Samples collected from this unit contained on average less sulphur and arsenic than observed in the Homathko Porphyry. Again, roughly 25% of the samples contained elevated gold (>200 ppb). The average gold content from all samples (16) collected from this horizon averaged 6.5 g/t Au, however this average is likely skewed do to the inclusion of uncut sample E241866.

## Camp Volcanics

|           | Au (ppm) | Ag (ppm) | Cu (ppm) | Zn (ppm) | Ni (ppm) | Co (ppm) | As (ppm) | S %   |
|-----------|----------|----------|----------|----------|----------|----------|----------|-------|
| Au (ppm)  | 1.00     | 0.99     | 0.83     | 0.17     | 0.12     | 0.09     | 0.16     | 0.39  |
| Ag (ppm)  | 0.99     | 1.00     | 0.85     | 0.15     | 0.08     | 0.05     | 0.16     | 0.41  |
| Cu (ppm)  | 0.83     | 0.85     | 1.00     | 0.40     | 0.10     | 0.19     | 0.27     | 0.64  |
| Zn (ppm)  | 0.17     | 0.15     | 0.40     | 1.00     | 0.34     | 0.47     | 0.82     | 0.87  |
| Ni (ppm)  | 0.12     | 0.08     | 0.10     | 0.34     | 1.00     | 0.91     | 0.54     | 0.11  |
| Co (ppm)  | 0.09     | 0.05     | 0.19     | 0.47     | 0.91     | 1.00     | 0.65     | 0.31  |
| As (ppm)  | 0.16     | 0.16     | 0.27     | 0.82     | 0.54     | 0.65     | 1.00     | 0.78  |
| S %       | 0.39     | 0.41     | 0.64     | 0.87     | 0.11     | 0.31     | 0.78     | 1.00  |
| Easting   | -0.14    | -0.12    | -0.37    | -0.27    | -0.43    | -0.42    | -0.19    | -0.23 |
| Northing  | -0.15    | -0.13    | -0.35    | -0.35    | -0.46    | -0.45    | -0.26    | -0.28 |
| Elevation | 0.27     | 0.24     | 0.41     | 0.48     | 0.36     | 0.36     | 0.29     | 0.36  |

**Table 3. Independent Correlation of Elements from Samples Collected from the Camp Volcanics**





**Tr**  
**Transition Metals**

**Geology Legend**

|  |                                     |
|--|-------------------------------------|
|  | Buff Coloured qtz/feldspar porphyry |
|  | Mafic Volcanics (late Jurassic)     |
|  | Metasediments (Late Jurassic)       |
|  | Homathko Tonalite (Late Jurassic)   |
|  | Tiedman Complex Gabbro - Tertiary   |
|  | Well Developed Shear Zone           |
|  | Claim Boundary                      |

**Sample Legend**  
 Gold (g/t)

|  |                |
|--|----------------|
|  | 2 to 87.5 (6)  |
|  | 1 to 2 (2)     |
|  | 0.5 to 1 (3)   |
|  | 0.2 to 0.5 (4) |
|  | 0 to 0.2 (52)  |

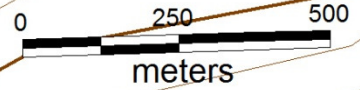


Figure 7: Summary Interpretation based on Reconnaissance Mapping and Location and Gold Results from Field

## **9.0 STATEMENT OF COSTS**

A cost of \$26,800 related to the support, conduct, interpretation and reporting of work presented in this report was incurred. Please refer to Appendix D for a detailed statement of costs.

## **10.0 INTERPRETATION AND CONCLUSIONS**

The results from the work completed confirm a 1.5 km long trend of elevated gold values in bedrock up to 80 metres in width. The elevated gold values occur in a host rock interpreted to be favourable for hosting mesothermal lode gold deposits. The program was successful in achieving its objectives to locate the historical Falconbridge showings, outline the controls on the mineralization, and to trace out extensions to the prospective geology to identify other occurrences on the property.

Geologically, the potential exists for the occurrence to host a large scale resource of low-grade gold mineralization exposed near surface. Practically, the physiography of the occurrence and its location on the north face of a slide prone slope renders the potential that such a resource could ever be exploited via open pit mining to be low. Higher concentrations of gold, particularly near the upper contact of the Homathko Porphyry and lower sheared portions of the Camp Volcanics appear to conformable to the contact and may be traceable along strike and at depth on the property. If sufficient tonnages of the grades observed in grab samples were to be outlined on the property, underground exploitation of this resource could be considered.

## **11.0 RECOMMENDATIONS**

The Homathko Gold Showing occurs in a prospective metallogenic district that has received little previous exploration. Recent glacial retreat in the area has enhanced the working conditions in this part of British Columbia. To the north and south of the Homathko project area, rocks of a similar age host a number of large scale porphyry Cu/Au/Mo and epigenetic base metal deposits (Galore Creek, Red Chris, Kemess, Gibraltar, Highland Valley, Eskay Creek, Minto).

Apart from limited prospecting work on the property, the occurrences identified in this report have not been systematically investigated. To date, no drilling or previous coverage of the property by geophysics or geochemical surveys has been completed. Other prospective areas on the property remain completely unevaluated.

Representative length weighted surface channel sampling or shallow diamond drilling is required to further determine the distribution of precious metals associated with the mineralization exposed at surface. Coverage of the property by an airborne geophysical survey and an orientation soil geochemical survey would be other useful to evaluate the regional potential on the property with the goal of identifying other near surface occurrences.

## 12.0 STATEMENT OF THE AUTHOR

I, John Gregory Collins, certify that:

- 1) I am a Professional Geoscientist who belongs to the APGO, APEGM and the APEGBC
- 2) I currently reside at 2577 Buckhorn Road, RR#1 Lakefield Ontario, K0L 2H0
- 3) I hold a B.Sc. degree in Geological Engineering obtained from the Queen's University of Ontario in 1994.
- 4) I am the proprietor of G. Collins Geoscience Inc., a consulting company based in Lakefield Ontario contracted by Transition Metals Corp. to provide management services with respect to ongoing exploration and development activities on their properties in Ontario and British Columbia. In this capacity I serve as a principal director of the company and am authorized to act as an Agent of the Company.
- 5) I have been working continuously as an exploration/project geologist in Canada and internationally from 1994 to present.

Lakefield Ontario

Respectfully submitted

{SIGNED}

{Greg Collins}

April 21, 2011

## **APPENDIX A**

Sample Location and Descriptions

| SAMPLE  | ROCK      | UNIT   | DESCRIPTION   | EASTING   | NORTHING   | EST_ELEVAT |
|---------|-----------|--------|---|-----------|------------|------------|
| E241860 | SZ        | CVolc  | Qtz carb flooded shear zone. 3 to 5m wide. Hosts 15 to 20% qtz carb veinlets . 1% sulphide in an ankerite alters shear zone   | 387188.88 | 5692848.76 | 1654.00    |
| E241861 | SZ        | CVolc  | Top of ankerite qtz/carb shear zone   | 387197.31 | 5692852.10 | 1659.00    |
| E241862 | SZ        | CVolc  | Qtz carb flooded shear zone. 20% Qtz carb veinlets.   | 387191.85 | 5692846.65 | 1666.00    |
| E241863 | MV        | CVolc  | Carbonitized shear zone in mafic volcanics . hosting 1% sulphide  | 387174.52 | 5692834.24 | 1675.00    |
| E241884 | Qtz/Cb    | CVolc  | Qtz carb veinlet in strongly altered and sheared mafic volcanic unit. Irregular network of qtz/carb veinlets which are folded and boudinaged. Veins range from 20 to 30cm wide. Zone is dipping into the hill at 060/-60. | 387203.75 | 5692829.35 | 1654.00    |
| E241885 | Qtz/Cb    | CVolc  | Composite of narrow veinlets in strongly sheared mafic volcanics . Strongly altered zone over 6m. Zone of intense carbonatization.  | 387203.27 | 5692830.58 | 1653.00    |
| E241886 | Qtz/Cb    | CVolc  | 30 cm qtz carb veinlets hosting tr sulphide bearing confirmed V.G.  | 387202.56 | 5692832.51 | 1652.00    |
| E241887 | Qtz/Cb    | CVolc  | Qtz carb vein - Very rusty shear zone - 1.5m wide just below camp volcanics. Possible sediment  | 387195.81 | 5692815.97 | 1667.00    |
| E241888 | Qtz/Cb    | CVolc  | Veinlets from contact between Camp volcanics and Porphyry   | 387182.84 | 5692848.52 | 1659.00    |
| E241890 | Qtz       | CVolc  | Rusty sugary textured qtz/sulphide blow out. Just east of discovery creek. Chloritic slivers  | 387147.72 | 5692808.66 | 1646.00    |
| E241891 | Qtz       | CVolc  | Sugary textured qtz/sulphide blow out.  | 387146.40 | 5692800.19 | 1646.00    |
| E241892 | Qtz/Cb    | CVolc  | Rusty qtz vein east of discovery creek. 5m above sample E241890   | 387128.00 | 5692871.00 | 1646.00    |
| E241906 | Qtz/Cb    | CVolc  | 5m exposure of tensional qtz carb veining in carbonitized mafic volcanics .   | 388429.63 | 5693029.71 | 1596.00    |
| E241909 | Qtz/Cb    | CVolc  | Qtz carb veinlets in moderately carbonitized sheared mafic volcanics. 3m wide shear hosting 10% veining   | 388377.36 | 5693056.93 | 1580.00    |
| E241919 | Qtz/Cb    | CVolc  | 10cm veinlet in altered sed/volcanics ?. Outcrop hosts 3 to 5% qtz carb veinlets  | 388346.44 | 5693097.36 | 1527.00    |
| E241853 | Qtz carb  | HPorph | Up to 30cm wide bull white qtz/cb vein with minor malachite staining within weakly carbonatized Qfp.  | 387189.84 | 5692902.81 | 1630.00    |
| E241859 | Qtz       | HPorph | Strongly quartz flooded vein in moderately altered porphyry . (1.5m width, 10m long). Ladder qtz/Cb at 040/-90  | 387211.89 | 5692881.63 | 1603.00    |
| E241864 | Qtz/Cb    | HPorph | Qtz carb veinlet in moderately altered porphyry - Sulphide bearing qtz vein along sheared contacts between mafic volcanics and altered QFP  | 387174.22 | 5692876.49 | 1625.00    |
| E241865 | Qtz/Cb    | HPorph | Qtz carb vein hosting tr sulphide - 3m north of lower mafic contact in QFP  | 387187.66 | 5692867.32 | 1625.00    |
| E241866 | Qtz/Cb    | HPorph | Qtz carb veinlets at porphyry - mafic volcanics contact   | 387124.25 | 5692869.84 | 1600.00    |
| E241867 | Qtz/Cb    | HPorph | Qtz carb flooded shear hosting 2 to 3 % sulphide and 1% stibnite - along Discovery Creek  | 387107.51 | 5692877.55 | 1612.00    |
| E241868 | Qtz/Cb    | HPorph | Qtz carb flooded shear hosting 2 % sulphide   | 387110.74 | 5692867.88 | 1612.00    |
| E241870 | Qtz/Cb    | HPorph | Qtz carb veinlet hosting minor sulphide   | 387129.00 | 5692858.01 | 1649.00    |
| E241871 | APorph    | HPorph | Strongly altered porphyry hosting 2 to 3 sulphide   | 387169.22 | 5692850.83 | 1659.00    |
| E241872 | Qtz/Cb    | HPorph | 30 cm comp of 2cm qtz carb veinlet hosting 2 to 3 %sulphide   | 387170.24 | 5692845.65 | 1659.00    |
| E241874 | Qtz/Cb    | HPorph | Buff altered QFP with minor sulphidic qtz/cb veinlets. Veinlets host 1% Cpy/Py?   | 387679.59 | 5692967.21 | 1689.00    |
| E241875 | APorph    | HPorph | Buff coloured carbonitized porphyry hosting tr Py   | 387674.99 | 5692974.32 | 1633.00    |
| E241876 | Qtz/Cb    | HPorph | Rusty qtz carb veinlet hosting 2 to 3 % Cp. 20cm wide within QFP  | 387670.27 | 5692974.98 | 1633.00    |
| E241877 | Qtz/Cb    | HPorph | 1m wide Qtz carb vein exposed over 10m. Hosting minor sulphides   | 387677.65 | 5692979.45 | 1626.00    |
| E241878 | Qtz/Cb    | HPorph | Rusty qtz carb flooded shear zone at the base of the porphyry. 1 to 2% disseminated Py in porphyry  | 387675.36 | 5692991.19 | 1617.00    |
| E241879 | Qtz/Cb    | HPorph | Narrow qtz carb veinlet (3cm) in moderately altered porphyry  | 387788.54 | 5693038.13 | 1615.00    |
| E241880 | APorph    | HPorph | Weakly carbonitized porphyry hosting minor qtz carb veinlets  | 387787.57 | 5693043.98 | 1615.00    |
| E241889 | Qtz/Cb    | HPorph | cm scale qtz carb veinlets hosting tr Py in weakly altered porphyry . Qtz carb veinlets occupies <1%  | 387185.00 | 5692865.00 | 1673.00    |
| E241895 | Qtz/Cb    | HPorph | Intensely sheared ankeritic rock near upper contact of porphyry and volcanics. Minor sulphide and qt  | 386688.00 | 5692856.00 | 1817.00    |
| E241896 | Qtz/Cb    | HPorph | 3m wide qtz vein with minor sulphides   | 386678.00 | 5692858.01 | 1816.00    |
| E241898 | Qtz/Cb    | HPorph | Top of discovery creek, ankerite qtz/carbonate zone   | 387135.00 | 5692834.00 | 1666.00    |
| E241899 | Qtz/Cb    | HPorph | Qtz/Cb flooded altered porphyry at contact with lower camp volcanics. 20% rusty qtz veining network   | 387097.00 | 5692841.00 | 1663.00    |
| E241900 | Qtz/Cb    | HPorph | Qtz network flooded porphyry with veining comprising 15-20% of rock. 5% Pyrite observed in quartz   | 387024.00 | 5692847.00 | 1670.00    |
| E241901 | APorph    | HPorph | Moderately carbonatized porphyry within qtz qtz floodeed zone, 30cm from E241900  | 387024.00 | 5692846.00 | 1671.00    |
| E241902 | APorph    | HPorph | Weakly altered porphyry with 3 to 5% overall qtz/cb veining. Tr Sulphide  | 386975.00 | 5692852.00 | 1713.00    |
| E241907 | Qtz/Cb    | HPorph | Narrow qtz carb veinlets (5 to 10cm wide) within rusty sheared sediments near with mafic volcanics  | 388428.46 | 5693052.36 | 1587.00    |
| E241908 | Qtz/Cb    | HPorph | Piece of sulphide mineralized qtz carb float hosting 1 to 2 % sulphide -some Cp. 5m below E241906   | 388413.91 | 5693057.13 | 1586.00    |
| E241910 | Qtz/Cb    | HPorph | Weakly altered porphyry hosting minor qtz carb veinlets . 10cm Qtz carb veinlets sampled.   | 388227.45 | 5693109.60 | 1563.00    |
| E241911 | Porph     | HPorph | Weakly altered and sheared porphyry. 25% plag, 15% 1mm qtz/eyes   | 388228.56 | 5693107.06 | 1563.00    |
| E241912 | Qtz/Cb    | HPorph | Qtz carb flooded shear in altered porphyry near lower contact with mafic volcanics. 2m wide exposure - fuchsite alteration, minor sulphides.  | 388126.39 | 5693153.54 | 1579.00    |
| E241913 | Qtz/Cb    | HPorph | 3 to 5m strongly altered shear zone near lower contact with mafic volcanics . 30 to 40% qtz/cb veining , fuchsite observed. Chopper Zone  | 388083.25 | 5693153.93 | 1595.00    |
| E241914 | Qtz/Cb    | HPorph | Sample from 30cm qtz/ankerite/ fuchsite bearing vein  | 388079.46 | 5693154.65 | 1595.00    |
| E241915 | Qtz/Cb    | HPorph | Qtz carb veining hosting 3 to 5% sulphide from chopper zone. Grey carbonaceous? alteration  | 388076.90 | 5693151.29 | 1596.00    |
| E241916 | Qtz/Cb    | HPorph | Taken from 70cm qtz carb vein with fuchsite alteration and Tr Py  | 388068.49 | 5693148.51 | 1597.00    |
| E241917 | MV        | HPorph | Strongly sheared lower contact between mafic volcanics and porphyry. Hosts 20%Qtz carb veinlets   | 388038.50 | 5693111.81 | 1618.00    |
| E241918 | Aporph    | HPorph | Moderately altered porphyry hosting minor qtz carb veinlets near upper contact. 2m north of south contact - malachite staining and trace Py   | 388033.42 | 5693113.51 | 1616.00    |
| E241897 | Ton       | HTon   | Rusty tonalite/diorite - Minor qtz veining, trace sulphide - fine to medium grey/buff coloured weath  | 386566.00 | 5692680.00 | 1891.00    |
| E241905 | QD        | HTon   | Rusty patch in qtz diorite - 1-3% fracture/diss Py  | 388323.69 | 5692688.47 | 1790.00    |
| E241854 | MV        | LVolc  | Up to 10cm wide epidote/feldspar/Mt veinlet with 1% Po and Mt. Vein orientation approximately 140/-60   | 387181.14 | 5692902.82 | 1630.00    |
| E241869 | Qtz/Cb    | LVolc  | Qtz carb veinlet hosting minor sulphide   | 387123.05 | 5692884.29 | 1653.00    |
| E241873 | Tonalite? | Tton   | Boulder consisting of MV or Gab hosting 5% Py   | 387140.09 | 5692808.49 | 1679.00    |
| E241893 | Qtz/Cb    | USed   | Rusty qtz vein with 2-3% Py within upper camp sediments   | 387189.00 | 5692760.01 | 1682.00    |
| E241894 | Qtz       | USed   | Smokey qtz vein up to 15cm wide oriented at 310/-85 crosscutting siltstone - bedding 090/-22  | 386918.00 | 5692761.01 | 1779.00    |

## **APPENDIX B**

Assay Certificates



# ALS Chemex

**EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: TRANSITION METALS CORP  
410 FALCONBRIDGE ROAD  
UNIT 5  
SUDBURY ON P3A 4S4

Page: 1  
Finalized Date: 23-JUL-2010  
Account: TRAMET

## CERTIFICATE VA10094122

Project:

P.O. No.:

This report is for 67 Rock samples submitted to our lab in Vancouver, BC, Canada on 12-JUL-2010.

The following have access to data associated with this certificate:

GREG COLLINS

PETER MCINTYRE

SCOTT MCLEAN

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION                    |
|----------|--------------------------------|
| WEI-21   | Received Sample Weight         |
| LOG-22   | Sample login - Rcd w/o BarCode |
| BAG-01   | Bulk Master for Storage        |
| CRU-QC   | Crushing QC Test               |
| PUL-QC   | Pulverizing QC Test            |
| CRU-31   | Fine crushing - 70% <2mm       |
| SPL-21   | Split sample - riffle splitter |
| PUL-32   | Pulverize 1000g to 85% < 75 um |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION                   | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-GRA21 | Au 30g FA-GRAV finish         | WST-SIM    |
| ME-ICP41 | 35 Element Aqua Regia ICP-AES | ICP-AES    |
| Au-ICP21 | Au 30g FA ICP-AES Finish      | ICP-AES    |

To: TRANSITION METALS CORP  
ATTN: GREG COLLINS  
410 FALCONBRIDGE ROAD  
UNIT 5  
SUDBURY ON P3A 4S4

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



# ALS Chemex

**EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: TRANSITION METALS CORP  
410 FALCONBRIDGE ROAD  
UNIT 5  
SUDBURY ON P3A 4S4

Page: 2 - A  
Total # Pages: 3 (A - C)  
Finalized Date: 23-JUL-2010  
Account: TRAMET

## CERTIFICATE OF ANALYSIS VA10094122

| Sample Description | Method Analyte Units LOR | WEI-21       | Au-ICP21 | Au-GRA21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|--------------------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                    |                          | Recvd Wt. kg | Au ppm   | Au ppm   | Ag ppm   | Al %     | As ppm   | B ppm    | Ba ppm   | Be ppm   | Bi ppm   | Ca %     | Cd ppm   | Co ppm   | Cr ppm   | Cu ppm   |
| E241853            |                          | 1.56         | 1.580    |          | 4.2      | 0.22     | 7        | <10      | 20       | <0.5     | <2       | 0.84     | <0.5     | 4        | 15       | 1265     |
| E241854            |                          | 0.58         | 0.043    |          | 1.0      | 1.04     | 12       | <10      | <10      | <0.5     | <2       | 4.82     | <0.5     | 30       | 20       | 1255     |
| E241855            |                          | 1.06         | 2.76     |          | 10.3     | 0.25     | 149      | <10      | 20       | <0.5     | 34       | 2.09     | 12.8     | 7        | 19       | 134      |
| E241856            |                          | 0.64         | 0.003    |          | 0.3      | 0.09     | 4        | <10      | 10       | <0.5     | <2       | 0.57     | <0.5     | 4        | 13       | 50       |
| E241857            |                          | 0.60         | 0.105    |          | 0.6      | 1.19     | 14       | <10      | 70       | <0.5     | <2       | 2.66     | <0.5     | 11       | 22       | 97       |
| E241858            |                          | 0.52         | 0.013    |          | 0.4      | 0.18     | 22       | <10      | 20       | <0.5     | 4        | 0.39     | 0.6      | 3        | 9        | 124      |
| E241859            |                          | 0.44         | 0.592    |          | 1.0      | 0.61     | 53       | <10      | 50       | <0.5     | <2       | 1.68     | 0.8      | 7        | 20       | 166      |
| E241860            |                          | 1.20         | 0.017    |          | 0.2      | 0.20     | 71       | <10      | 10       | <0.5     | <2       | 3.26     | <0.5     | 5        | 17       | 15       |
| E241861            |                          | 0.76         | 0.127    |          | 0.4      | 0.58     | 32       | <10      | 20       | <0.5     | <2       | 4.25     | <0.5     | 13       | 20       | 90       |
| E241862            |                          | 1.08         | 0.003    |          | 0.2      | 0.76     | 149      | <10      | 10       | <0.5     | <2       | 5.92     | <0.5     | 22       | 76       | 34       |
| E241863            |                          | 1.96         | 0.008    |          | 0.5      | 0.58     | 22       | <10      | 10       | <0.5     | <2       | 9.0      | <0.5     | 12       | 35       | 125      |
| E241864            |                          | 1.44         | 0.068    |          | 2.6      | 0.47     | 15       | <10      | 10       | <0.5     | 7        | 1.63     | <0.5     | 13       | 7        | 1195     |
| E241865            |                          | 0.92         | 0.050    |          | 10.7     | 0.13     | 4        | <10      | 20       | <0.5     | 26       | 0.69     | 1.0      | 4        | 28       | 139      |
| E241866            |                          | 0.24         | 0.023    |          | 3.3      | 1.29     | 8        | <10      | 80       | <0.5     | <2       | 2.49     | <0.5     | 2        | 11       | 3100     |
| E241867            |                          | 0.40         | 1.310    |          | 0.7      | 0.07     | 7        | <10      | 10       | <0.5     | 3        | 1.62     | <0.5     | 5        | 12       | 183      |
| E241868            |                          | 1.14         | 5.93     |          | 33.1     | 0.03     | 3        | <10      | <10      | <0.5     | 75       | 0.47     | 3.6      | 4        | 26       | 56       |
| E241869            |                          | 0.86         | 0.016    |          | 0.7      | 0.20     | 7        | <10      | 20       | <0.5     | <2       | 0.41     | <0.5     | 11       | 10       | 222      |
| E241870            |                          | 0.82         | 0.004    |          | 0.3      | 0.06     | <2       | <10      | 10       | <0.5     | 2        | 0.34     | 0.6      | 7        | 33       | 125      |
| E241871            |                          | 1.04         | 0.093    |          | 0.3      | 0.34     | 5        | <10      | 50       | <0.5     | <2       | 3.44     | <0.5     | 9        | 9        | 35       |
| E241872            |                          | 0.70         | 0.076    |          | 0.5      | 0.14     | 10       | <10      | 30       | <0.5     | 3        | 2.33     | <0.5     | 12       | 10       | 34       |
| E241873            |                          | 1.36         | 0.002    |          | 0.3      | 3.62     | 6        | <10      | 10       | <0.5     | <2       | 0.91     | <0.5     | 23       | 8        | 118      |
| E241874            |                          | 0.64         | 0.328    |          | 1.1      | 0.43     | 6        | <10      | 290      | <0.5     | <2       | 1.50     | <0.5     | 17       | 9        | 2710     |
| E241875            |                          | 1.28         | 0.003    |          | <0.2     | 0.73     | 4        | <10      | 90       | <0.5     | <2       | 1.78     | <0.5     | 11       | 20       | 27       |
| E241876            |                          | 0.70         | 0.092    |          | 0.8      | 0.05     | 5        | <10      | 10       | <0.5     | 13       | 0.02     | <0.5     | 15       | 6        | 156      |
| E241877            |                          | 1.02         | >10.0    | 15.80    | 8.6      | 0.15     | 1865     | <10      | 20       | <0.5     | <2       | 0.48     | 8.5      | 6        | 23       | 1425     |
| E241878            |                          | 1.18         | 0.042    |          | 0.5      | 0.99     | 12       | <10      | 30       | <0.5     | <2       | 1.68     | <0.5     | 11       | 26       | 343      |
| E241879            |                          | 0.44         | 0.070    |          | 1.2      | 0.56     | 8        | <10      | 60       | <0.5     | <2       | 1.19     | <0.5     | 9        | 9        | 1720     |
| E241880            |                          | 0.78         | 0.016    |          | <0.2     | 1.37     | 6        | <10      | 90       | <0.5     | <2       | 3.05     | <0.5     | 12       | 32       | 119      |
| E241881            |                          | 1.58         | 0.399    |          | 0.2      | 0.68     | 17       | <10      | 40       | <0.5     | <2       | 3.61     | <0.5     | 12       | 15       | 25       |
| E241882            |                          | 0.88         | 0.039    |          | 0.4      | 0.68     | 8        | <10      | 30       | <0.5     | <2       | 4.35     | <0.5     | 10       | 15       | 65       |
| E241883            |                          | 1.10         | 0.008    |          | <0.2     | 0.58     | 128      | <10      | 10       | <0.5     | <2       | 6.52     | <0.5     | 13       | 36       | 9        |
| E241884            |                          | 2.68         | 0.026    |          | 0.2      | 0.50     | 31       | <10      | 10       | <0.5     | <2       | 7.0      | <0.5     | 4        | 33       | 13       |
| E241885            |                          | 0.76         | >10.0    | 15.10    | 1.4      | 0.67     | 71       | <10      | 10       | <0.5     | <2       | 5.97     | 1.3      | 15       | 39       | 32       |
| E241886            |                          | 0.82         | >10.0    | 87.5     | 45.7     | 0.29     | 122      | <10      | 10       | <0.5     | <2       | 2.61     | 2.1      | 10       | 25       | 329      |
| E241887            |                          | 0.38         | 0.793    |          | 0.4      | 2.18     | 352      | <10      | 110      | <0.5     | <2       | 0.59     | 1.7      | 17       | 47       | 133      |
| E241888            |                          | 1.16         | 0.080    |          | <0.2     | 0.10     | 17       | <10      | 10       | <0.5     | 2        | 3.31     | <0.5     | 5        | 26       | 53       |
| E241889            |                          | 1.18         | 0.098    |          | <0.2     | 0.60     | 215      | <10      | 20       | <0.5     | 2        | 7.7      | <0.5     | 21       | 66       | 9        |
| E241890            |                          | 1.28         | 0.007    |          | 0.4      | 0.07     | 4        | <10      | 10       | <0.5     | 11       | 0.54     | 2.0      | 4        | 16       | 85       |
| E241891            |                          | 0.24         | 0.007    |          | <0.2     | 0.95     | 42       | <10      | 50       | <0.5     | <2       | 5.55     | <0.5     | 10       | 63       | 55       |
| E241892            |                          | 1.08         | 0.005    |          | 0.2      | 0.21     | 2        | <10      | 30       | <0.5     | 3        | 2.69     | <0.5     | 5        | 11       | 103      |





**CERTIFICATE OF ANALYSIS VA10094122**

| Sample Description | Method            | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |        |
|--------------------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
|                    | Analyte Units LOR | Fe %     | Ga ppm   | Hg ppm   | K %      | La ppm   | Mg %     | Mn ppm   | Mo ppm   | Na %     | Ni ppm   | P ppm    | Pb ppm   | S %      | Sb ppm   | Sc ppm |
|                    |                   | 0.01     | 10       | 1        | 0.01     | 10       | 0.01     | 5        | 1        | 0.01     | 1        | 10       | 2        | 0.01     | 2        | 1      |
| E241853            |                   | 1.16     | <10      | <1       | 0.04     | <10      | 0.15     | 201      | 29       | 0.02     | 5        | 120      | 2        | 0.16     | <2       | 1      |
| E241854            |                   | 6.92     | <10      | <1       | 0.01     | <10      | 0.16     | 1255     | 17       | 0.02     | 8        | 100      | 2        | 1.55     | <2       | 3      |
| E241855            |                   | 1.88     | <10      | <1       | 0.07     | <10      | 0.32     | 422      | 8        | 0.02     | 8        | 300      | 255      | 0.47     | <2       | 1      |
| E241856            |                   | 1.03     | <10      | <1       | 0.04     | <10      | 0.12     | 179      | <1       | 0.01     | 5        | 150      | 2        | 0.29     | <2       | <1     |
| E241857            |                   | 2.85     | <10      | <1       | 0.26     | 10       | 1.01     | 505      | 15       | 0.08     | 15       | 730      | 2        | 0.30     | <2       | 2      |
| E241858            |                   | 1.51     | <10      | <1       | 0.05     | <10      | 0.17     | 197      | <1       | 0.02     | 3        | 130      | 3        | 0.18     | <2       | <1     |
| E241859            |                   | 1.91     | <10      | <1       | 0.20     | <10      | 0.57     | 334      | 7        | 0.06     | 9        | 360      | 9        | 0.27     | <2       | 1      |
| E241860            |                   | 2.01     | <10      | <1       | 0.06     | <10      | 0.86     | 492      | <1       | 0.01     | 9        | 150      | <2       | 0.07     | <2       | 3      |
| E241861            |                   | 2.41     | <10      | <1       | 0.14     | <10      | 0.88     | 659      | 1        | 0.03     | 23       | 380      | 2        | 0.23     | <2       | 4      |
| E241862            |                   | 4.06     | <10      | <1       | 0.08     | <10      | 2.98     | 862      | <1       | 0.02     | 86       | 380      | <2       | 0.01     | <2       | 7      |
| E241863            |                   | 4.21     | <10      | <1       | 0.08     | <10      | 3.50     | 887      | <1       | 0.03     | 33       | 170      | <2       | 0.12     | <2       | 12     |
| E241864            |                   | 3.31     | <10      | <1       | 0.07     | <10      | 0.32     | 358      | 33       | 0.03     | 3        | 120      | 4        | 1.96     | <2       | 1      |
| E241865            |                   | 1.47     | <10      | <1       | 0.04     | <10      | 0.12     | 229      | 6        | 0.01     | 5        | 110      | 62       | 0.24     | <2       | <1     |
| E241866            |                   | 2.12     | <10      | <1       | 0.25     | 10       | 0.56     | 377      | 10       | 0.14     | 3        | 600      | 3        | 0.26     | <2       | 2      |
| E241867            |                   | 1.98     | <10      | <1       | 0.02     | <10      | 0.62     | 332      | 535      | 0.01     | 5        | 20       | 5        | 0.49     | <2       | 1      |
| E241868            |                   | 1.30     | <10      | <1       | 0.01     | <10      | 0.11     | 169      | 4        | 0.01     | 5        | 50       | 1280     | 0.31     | <2       | <1     |
| E241869            |                   | 2.01     | <10      | <1       | 0.04     | <10      | 0.13     | 144      | 2        | 0.01     | 9        | 200      | 7        | 0.89     | <2       | <1     |
| E241870            |                   | 1.95     | <10      | <1       | 0.03     | <10      | 0.09     | 182      | 2        | 0.01     | 9        | 80       | 2        | 0.62     | <2       | <1     |
| E241871            |                   | 2.04     | <10      | <1       | 0.15     | <10      | 0.66     | 710      | <1       | 0.05     | 8        | 490      | 2        | 1.31     | <2       | 1      |
| E241872            |                   | 2.57     | <10      | <1       | 0.07     | <10      | 0.30     | 389      | 2        | 0.03     | 6        | 190      | 3        | 2.24     | <2       | <1     |
| E241873            |                   | 5.32     | 10       | <1       | 0.02     | <10      | 3.32     | 748      | 3        | 0.03     | 10       | 600      | <2       | 0.89     | <2       | 3      |
| E241874            |                   | 2.63     | <10      | <1       | 0.12     | <10      | 0.29     | 468      | 11       | 0.05     | 15       | 610      | 3        | 0.50     | <2       | 1      |
| E241875            |                   | 2.75     | <10      | <1       | 0.09     | 10       | 0.62     | 510      | <1       | 0.05     | 16       | 760      | <2       | 0.03     | <2       | 2      |
| E241876            |                   | 2.72     | <10      | <1       | 0.03     | <10      | 0.01     | 53       | 2        | 0.01     | 2        | 90       | 2        | 1.10     | <2       | <1     |
| E241877            |                   | 2.04     | <10      | <1       | 0.06     | <10      | 0.13     | 220      | 1        | 0.02     | 9        | 170      | 230      | 0.71     | <2       | <1     |
| E241878            |                   | 3.02     | <10      | 1        | 0.10     | 10       | 0.91     | 489      | <1       | 0.04     | 17       | 970      | 6        | 0.76     | <2       | 2      |
| E241879            |                   | 2.44     | <10      | <1       | 0.13     | <10      | 0.13     | 469      | 238      | 0.06     | 13       | 530      | 2        | 0.18     | <2       | 2      |
| E241880            |                   | 3.01     | 10       | <1       | 0.15     | 10       | 0.93     | 628      | 6        | 0.09     | 19       | 800      | 3        | 0.02     | <2       | 2      |
| E241881            |                   | 3.06     | <10      | <1       | 0.11     | 10       | 1.07     | 643      | <1       | 0.05     | 16       | 840      | 4        | 0.79     | <2       | 2      |
| E241882            |                   | 3.11     | <10      | <1       | 0.12     | <10      | 1.19     | 730      | <1       | 0.04     | 10       | 460      | 3        | 0.51     | <2       | 1      |
| E241883            |                   | 3.28     | <10      | <1       | 0.10     | <10      | 2.28     | 808      | <1       | 0.01     | 52       | 180      | 5        | 0.05     | <2       | 3      |
| E241884            |                   | 3.35     | <10      | <1       | 0.03     | <10      | 1.94     | 1065     | <1       | 0.01     | 18       | 70       | 3        | 0.04     | <2       | 3      |
| E241885            |                   | 3.19     | <10      | <1       | 0.11     | <10      | 2.01     | 836      | <1       | 0.01     | 47       | 160      | 6        | 0.07     | <2       | 5      |
| E241886            |                   | 2.30     | <10      | 1        | 0.08     | <10      | 0.76     | 373      | <1       | 0.01     | 32       | 70       | 25       | 0.78     | <2       | 2      |
| E241887            |                   | 5.39     | <10      | <1       | 0.25     | <10      | 1.41     | 621      | 7        | 0.02     | 39       | 610      | 3        | 1.39     | <2       | 5      |
| E241888            |                   | 1.74     | <10      | <1       | 0.01     | <10      | 0.89     | 476      | <1       | 0.01     | 12       | 130      | 2        | 0.11     | <2       | 3      |
| E241889            |                   | 3.59     | <10      | <1       | 0.08     | <10      | 1.93     | 964      | 2        | 0.01     | 71       | 430      | 3        | 0.05     | <2       | 4      |
| E241890            |                   | 1.25     | <10      | <1       | 0.02     | <10      | 0.10     | 174      | 3        | <0.01    | 6        | 180      | 4        | 0.24     | <2       | <1     |
| E241891            |                   | 2.73     | <10      | <1       | 0.13     | <10      | 0.72     | 910      | 3        | 0.06     | 27       | 410      | 8        | 0.27     | <2       | 4      |
| E241892            |                   | 2.47     | <10      | <1       | 0.11     | 10       | 0.75     | 1020     | 1        | 0.02     | 10       | 670      | 4        | 0.18     | <2       | 1      |



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To: TRANSITION METALS CORP  
410 FALCONBRIDGE ROAD  
UNIT 5  
SUDBURY ON P3A 4S4

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Total # Pages: 3 (A - C)  
Finalized Date: 23-JUL-2010  
Account: TRAMET

## CERTIFICATE OF ANALYSIS VA10094122

| Sample Description | Method  | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |     |
|--------------------|---------|----------|----------|----------|----------|----------|----------|----------|-----|
|                    | Analyte | Sr       | Th       | Ti       | Tl       | U        | V        | W        |     |
| Units              |         | ppm      | ppm      | %        | ppm      | ppm      | ppm      | ppm      |     |
| LOR                |         | 1        | 20       | 0.01     | 10       | 10       | 1        | 10       |     |
|                    |         |          |          |          |          |          |          | Zn       |     |
|                    |         |          |          |          |          |          |          | ppm      |     |
|                    |         |          |          |          |          |          |          | 2        |     |
| E241853            |         | 17       | <20      | 0.01     | <10      | <10      | 6        | <10      | 27  |
| E241854            |         | 16       | <20      | 0.03     | <10      | <10      | 92       | 80       | 24  |
| E241855            |         | 111      | <20      | <0.01    | <10      | <10      | 6        | <10      | 220 |
| E241856            |         | 28       | <20      | <0.01    | <10      | <10      | 2        | <10      | 5   |
| E241857            |         | 132      | <20      | <0.01    | <10      | <10      | 27       | <10      | 40  |
| E241858            |         | 17       | <20      | <0.01    | <10      | <10      | 4        | <10      | 20  |
| E241859            |         | 86       | <20      | 0.01     | <10      | <10      | 13       | <10      | 35  |
| E241860            |         | 110      | <20      | <0.01    | <10      | <10      | 6        | <10      | 11  |
| E241861            |         | 142      | <20      | <0.01    | <10      | <10      | 16       | <10      | 16  |
| E241862            |         | 217      | <20      | <0.01    | <10      | <10      | 39       | <10      | 49  |
| E241863            |         | 277      | <20      | <0.01    | <10      | <10      | 57       | <10      | 31  |
| E241864            |         | 55       | <20      | <0.01    | <10      | <10      | 6        | <10      | 26  |
| E241865            |         | 42       | <20      | <0.01    | <10      | <10      | 3        | <10      | 13  |
| E241866            |         | 128      | <20      | <0.01    | <10      | <10      | 22       | <10      | 19  |
| E241867            |         | 59       | <20      | <0.01    | <10      | <10      | 4        | <10      | 8   |
| E241868            |         | 14       | <20      | <0.01    | <10      | <10      | 2        | <10      | 89  |
| E241869            |         | 25       | <20      | <0.01    | <10      | <10      | 2        | <10      | 12  |
| E241870            |         | 14       | <20      | <0.01    | <10      | <10      | 2        | <10      | 20  |
| E241871            |         | 202      | <20      | <0.01    | <10      | <10      | 6        | 260      | 12  |
| E241872            |         | 154      | <20      | <0.01    | <10      | <10      | 2        | 860      | 5   |
| E241873            |         | 25       | <20      | 0.29     | <10      | <10      | 106      | 10       | 106 |
| E241874            |         | 59       | <20      | <0.01    | <10      | <10      | 18       | <10      | 49  |
| E241875            |         | 55       | <20      | <0.01    | <10      | <10      | 35       | <10      | 52  |
| E241876            |         | 3        | <20      | <0.01    | <10      | <10      | 1        | <10      | 3   |
| E241877            |         | 19       | <20      | <0.01    | <10      | <10      | 4        | <10      | 325 |
| E241878            |         | 68       | <20      | <0.01    | <10      | <10      | 28       | <10      | 36  |
| E241879            |         | 45       | <20      | <0.01    | <10      | <10      | 18       | <10      | 45  |
| E241880            |         | 127      | <20      | <0.01    | <10      | <10      | 43       | <10      | 58  |
| E241881            |         | 137      | <20      | <0.01    | <10      | <10      | 17       | <10      | 39  |
| E241882            |         | 218      | <20      | <0.01    | <10      | <10      | 12       | <10      | 29  |
| E241883            |         | 228      | <20      | <0.01    | <10      | <10      | 18       | <10      | 31  |
| E241884            |         | 202      | <20      | <0.01    | <10      | <10      | 19       | <10      | 22  |
| E241885            |         | 229      | <20      | <0.01    | <10      | <10      | 19       | <10      | 52  |
| E241886            |         | 90       | <20      | <0.01    | <10      | <10      | 9        | <10      | 61  |
| E241887            |         | 13       | <20      | 0.14     | <10      | <10      | 53       | <10      | 162 |
| E241888            |         | 46       | <20      | <0.01    | <10      | <10      | 22       | <10      | 15  |
| E241889            |         | 241      | <20      | <0.01    | <10      | <10      | 17       | <10      | 27  |
| E241890            |         | 15       | <20      | <0.01    | <10      | <10      | 2        | <10      | 73  |
| E241891            |         | 205      | <20      | <0.01    | <10      | <10      | 27       | <10      | 44  |
| E241892            |         | 79       | <20      | <0.01    | <10      | <10      | 3        | <10      | 18  |



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To: TRANSITION METALS CORP  
 410 FALCONBRIDGE ROAD  
 UNIT 5  
 SUDBURY ON P3A 4S4

Page: 3 - A  
 Total # Pages: 3 (A - C)  
 Finalized Date: 23-JUL-2010  
 Account: TRAMET

**CERTIFICATE OF ANALYSIS VA10094122**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | WEI-21          | Au-ICP21  | Au-GRA21  | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41  | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41  | ME-ICP41  | ME-ICP41  |
|--------------------|-----------------------------------|-----------------|-----------|-----------|-----------|----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|
|                    |                                   | Recvd Wt.<br>kg | Au<br>ppm | Au<br>ppm | Ag<br>ppm | Al<br>%  | As<br>ppm | B<br>ppm | Ba<br>ppm | Be<br>ppm | Bi<br>ppm | Ca<br>%  | Cd<br>ppm | Co<br>ppm | Cr<br>ppm | Cu<br>ppm |
|                    |                                   | 0.02            | 0.001     | 0.05      | 0.2       | 0.01     | 2         | 10       | 10        | 0.5       | 2         | 0.01     | 0.5       | 1         | 1         | 1         |
| E241893            |                                   | 1.26            | 0.012     |           | 0.3       | 0.13     | 11        | <10      | 30        | <0.5      | <2        | 0.49     | <0.5      | 2         | 9         | 12        |
| E241894            |                                   | 0.48            | 0.005     |           | 0.2       | 0.25     | 3         | <10      | 30        | <0.5      | <2        | 1.10     | <0.5      | 2         | 29        | 7         |
| E241895            |                                   | 1.44            | 0.096     |           | 0.4       | 0.28     | 19        | <10      | 20        | <0.5      | 34        | 3.03     | <0.5      | 12        | 19        | 132       |
| E241896            |                                   | 1.22            | 0.113     |           | 0.3       | 0.40     | 47        | <10      | 10        | <0.5      | <2        | 0.26     | <0.5      | 16        | 27        | 49        |
| E241897            |                                   | 1.26            | 0.003     |           | <0.2      | 2.12     | 7         | <10      | 110       | <0.5      | <2        | 0.56     | <0.5      | 14        | 8         | 73        |
| E241898            |                                   | 1.00            | 0.203     |           | 0.2       | 0.20     | 23        | <10      | 10        | <0.5      | <2        | 4.02     | <0.5      | 7         | 18        | 46        |
| E241899            |                                   | 0.74            | 0.014     |           | 0.3       | 0.64     | 16        | <10      | 30        | <0.5      | <2        | 1.83     | <0.5      | 6         | 15        | 108       |
| E241900            |                                   | 2.62            | 0.061     |           | 0.5       | 0.07     | 38        | <10      | 40        | <0.5      | <2        | 0.62     | 53.3      | 17        | 24        | 298       |
| E241901            |                                   | 0.82            | 0.010     |           | 0.2       | 0.86     | 11        | <10      | 40        | <0.5      | <2        | 2.21     | <0.5      | 8         | 18        | 90        |
| E241902            |                                   | 0.82            | 0.004     |           | 0.2       | 0.31     | 5         | <10      | 30        | <0.5      | <2        | 1.87     | <0.5      | 6         | 20        | 104       |
| E241903            |                                   | 1.50            | 7.38      |           | 64.7      | 0.07     | >10000    | <10      | <10       | <0.5      | <2        | 0.02     | 13.9      | <1        | 16        | 113       |
| E241904            |                                   | 0.78            | 0.039     |           | 0.5       | 1.46     | 266       | <10      | 100       | <0.5      | <2        | 1.11     | <0.5      | 5         | 9         | 17        |
| E241905            |                                   | 1.14            | 0.010     |           | 0.2       | 1.02     | 51        | <10      | 30        | <0.5      | <2        | 0.19     | <0.5      | 6         | 12        | 9         |
| E241906            |                                   | 0.86            | 0.003     |           | <0.2      | 0.16     | 22        | <10      | <10       | <0.5      | <2        | 1.14     | <0.5      | 2         | 20        | 7         |
| E241907            |                                   | 0.52            | 0.111     |           | 0.2       | 0.74     | 101       | <10      | 20        | <0.5      | <2        | 11.1     | <0.5      | 7         | 7         | 7         |
| E241908            |                                   | 1.02            | 0.093     |           | 2.8       | 0.45     | 33        | <10      | 10        | <0.5      | <2        | 3.67     | 6.9       | 8         | 12        | 673       |
| E241909            |                                   | 1.48            | 0.003     |           | <0.2      | 0.32     | 56        | <10      | 10        | <0.5      | <2        | 3.14     | <0.5      | 8         | 16        | 18        |
| E241910            |                                   | 0.62            | 0.006     |           | <0.2      | 0.46     | 9         | <10      | 20        | <0.5      | <2        | 1.30     | <0.5      | 7         | 7         | 58        |
| E241911            |                                   | 0.52            | 0.008     |           | <0.2      | 2.70     | 9         | <10      | 70        | <0.5      | <2        | 2.82     | <0.5      | 20        | 11        | 154       |
| E241912            |                                   | 1.18            | 0.003     |           | 0.2       | 0.30     | 180       | <10      | 10        | <0.5      | <2        | 8.7      | <0.5      | 13        | 50        | 8         |
| E241913            |                                   | 1.84            | 0.042     |           | <0.2      | 0.27     | 170       | <10      | 10        | <0.5      | <2        | 6.19     | <0.5      | 18        | 52        | 4         |
| E241914            |                                   | 1.00            | 0.058     |           | <0.2      | 0.32     | 227       | <10      | <10       | <0.5      | <2        | 9.3      | <0.5      | 20        | 57        | 15        |
| E241915            |                                   | 1.68            | 0.877     |           | 2.0       | 0.06     | 934       | <10      | <10       | <0.5      | 2         | 0.94     | <0.5      | 9         | 24        | 353       |
| E241916            |                                   | 1.22            | 0.012     |           | <0.2      | 0.03     | 519       | <10      | <10       | <0.5      | <2        | 0.04     | <0.5      | 3         | 14        | 5         |
| E241917            |                                   | 0.72            | 0.005     |           | <0.2      | 1.77     | 7         | <10      | 10        | <0.5      | <2        | 5.66     | <0.5      | 19        | 118       | 75        |
| E241918            |                                   | 0.98            | 0.004     |           | <0.2      | 0.95     | 7         | <10      | 10        | <0.5      | <2        | 4.94     | <0.5      | 12        | 17        | 58        |
| E241919            |                                   | 0.90            | 0.296     |           | <0.2      | 0.11     | 22        | <10      | <10       | <0.5      | <2        | 5.73     | <0.5      | 2         | 6         | 7         |



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**EXCELLENCE IN ANALYTICAL CHEMISTRY**

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To: TRANSITION METALS CORP  
410 FALCONBRIDGE ROAD  
UNIT 5  
SUDBURY ON P3A 4S4

Page: 3 - B  
Total # Pages: 3 (A - C)  
Finalized Date: 23-JUL-2010  
Account: TRAMET

## CERTIFICATE OF ANALYSIS VA10094122

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41 | ME-ICP41  | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  |           |
|--------------------|-----------------------------------|----------|-----------|-----------|----------|-----------|----------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|-----------|
|                    |                                   | Fe<br>%  | Ga<br>ppm | Hg<br>ppm | K<br>%   | La<br>ppm | Mg<br>%  | Mn<br>ppm | Mo<br>ppm | Na<br>%  | Ni<br>ppm | P<br>ppm | Pb<br>ppm | S<br>%   | Sb<br>ppm | Sc<br>ppm |
|                    |                                   | 0.01     | 10        | 1         | 0.01     | 10        | 0.01     | 5         | 1         | 0.01     | 1         | 10       | 2         | 0.01     | 2         | 1         |
| E241893            |                                   | 1.22     | <10       | <1        | 0.10     | <10       | 0.01     | 367       | 3         | 0.02     | 2         | 110      | 4         | 0.44     | <2        | <1        |
| E241894            |                                   | 1.27     | <10       | <1        | 0.07     | <10       | 0.06     | 352       | <1        | 0.02     | 5         | 80       | 5         | 0.02     | <2        | 1         |
| E241895            |                                   | 2.82     | <10       | <1        | 0.03     | <10       | 0.62     | 540       | 5         | 0.01     | 11        | 150      | 7         | 0.53     | <2        | 5         |
| E241896            |                                   | 1.04     | <10       | <1        | 0.03     | <10       | 0.21     | 137       | <1        | 0.01     | 12        | 70       | <2        | 0.03     | <2        | 1         |
| E241897            |                                   | 3.37     | 10        | <1        | 0.32     | <10       | 1.47     | 675       | 1         | 0.03     | 4         | 510      | 2         | 0.17     | <2        | 4         |
| E241898            |                                   | 2.80     | <10       | <1        | 0.08     | <10       | 1.04     | 660       | <1        | 0.01     | 12        | 340      | <2        | 0.04     | <2        | 3         |
| E241899            |                                   | 1.72     | <10       | <1        | 0.09     | <10       | 0.54     | 377       | 24        | 0.03     | 11        | 420      | 3         | 0.54     | <2        | 1         |
| E241900            |                                   | 2.91     | <10       | 1         | 0.03     | <10       | 0.14     | 212       | 52        | 0.01     | 11        | 90       | 2         | 1.87     | <2        | <1        |
| E241901            |                                   | 2.47     | <10       | <1        | 0.12     | <10       | 0.94     | 474       | 4         | 0.05     | 12        | 680      | 2         | 0.44     | <2        | 2         |
| E241902            |                                   | 1.81     | <10       | <1        | 0.09     | <10       | 0.43     | 472       | 1         | 0.03     | 7         | 320      | 2         | 0.19     | <2        | 1         |
| E241903            |                                   | 3.36     | <10       | 3         | 0.02     | <10       | 0.01     | 61        | <1        | 0.01     | 2         | 20       | 670       | 2.30     | >10000    | <1        |
| E241904            |                                   | 2.68     | 10        | <1        | 0.13     | <10       | 0.60     | 954       | <1        | 0.10     | <1        | 900      | 13        | 0.28     | 146       | 1         |
| E241905            |                                   | 2.74     | <10       | 1         | 0.07     | <10       | 0.74     | 344       | <1        | 0.04     | 8         | 340      | 6         | 0.77     | 30        | 2         |
| E241906            |                                   | 1.13     | <10       | <1        | 0.01     | <10       | 0.10     | 282       | <1        | 0.01     | 3         | 50       | <2        | 0.02     | 4         | 1         |
| E241907            |                                   | 2.76     | <10       | <1        | 0.11     | <10       | 1.14     | 1270      | <1        | 0.03     | 5         | 120      | 8         | 0.08     | 4         | 4         |
| E241908            |                                   | 2.80     | <10       | <1        | 0.04     | <10       | 0.83     | 636       | <1        | 0.03     | 7         | 160      | 2         | 0.63     | <2        | 4         |
| E241909            |                                   | 2.72     | <10       | <1        | 0.05     | <10       | 0.72     | 666       | <1        | 0.06     | 4         | 360      | 3         | 0.07     | <2        | 4         |
| E241910            |                                   | 4.16     | <10       | <1        | 0.04     | <10       | 0.33     | 1130      | 9         | 0.02     | 4         | 370      | 3         | 0.13     | <2        | 1         |
| E241911            |                                   | 4.96     | 10        | <1        | 0.20     | 10        | 1.28     | 862       | <1        | 0.09     | 13        | 1640     | 3         | 0.10     | <2        | 5         |
| E241912            |                                   | 4.67     | <10       | 1         | 0.04     | <10       | 2.43     | 1215      | 10        | 0.03     | 45        | 120      | 3         | 0.03     | <2        | 9         |
| E241913            |                                   | 3.59     | <10       | <1        | 0.05     | <10       | 2.31     | 925       | <1        | 0.02     | 85        | 70       | 4         | 0.01     | <2        | 6         |
| E241914            |                                   | 4.64     | <10       | 1         | 0.04     | <10       | 3.37     | 1350      | <1        | 0.02     | 85        | 130      | 2         | 0.02     | <2        | 7         |
| E241915            |                                   | 2.15     | <10       | <1        | 0.01     | <10       | 0.25     | 225       | 794       | 0.01     | 20        | 70       | 17        | 0.97     | 2         | 1         |
| E241916            |                                   | 1.01     | <10       | <1        | 0.01     | <10       | 0.01     | 229       | 4         | 0.01     | 4         | 20       | <2        | 0.01     | <2        | 1         |
| E241917            |                                   | 4.08     | <10       | <1        | 0.13     | <10       | 3.29     | 1225      | 5         | 0.06     | 43        | 310      | <2        | 0.18     | <2        | 9         |
| E241918            |                                   | 3.65     | <10       | <1        | 0.11     | 10        | 1.31     | 806       | 15        | 0.05     | 16        | 820      | <2        | 0.46     | <2        | 2         |
| E241919            |                                   | 2.95     | <10       | <1        | 0.03     | <10       | 1.16     | 954       | <1        | 0.02     | 6         | 240      | 7         | 0.12     | <2        | 2         |



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To: TRANSITION METALS CORP  
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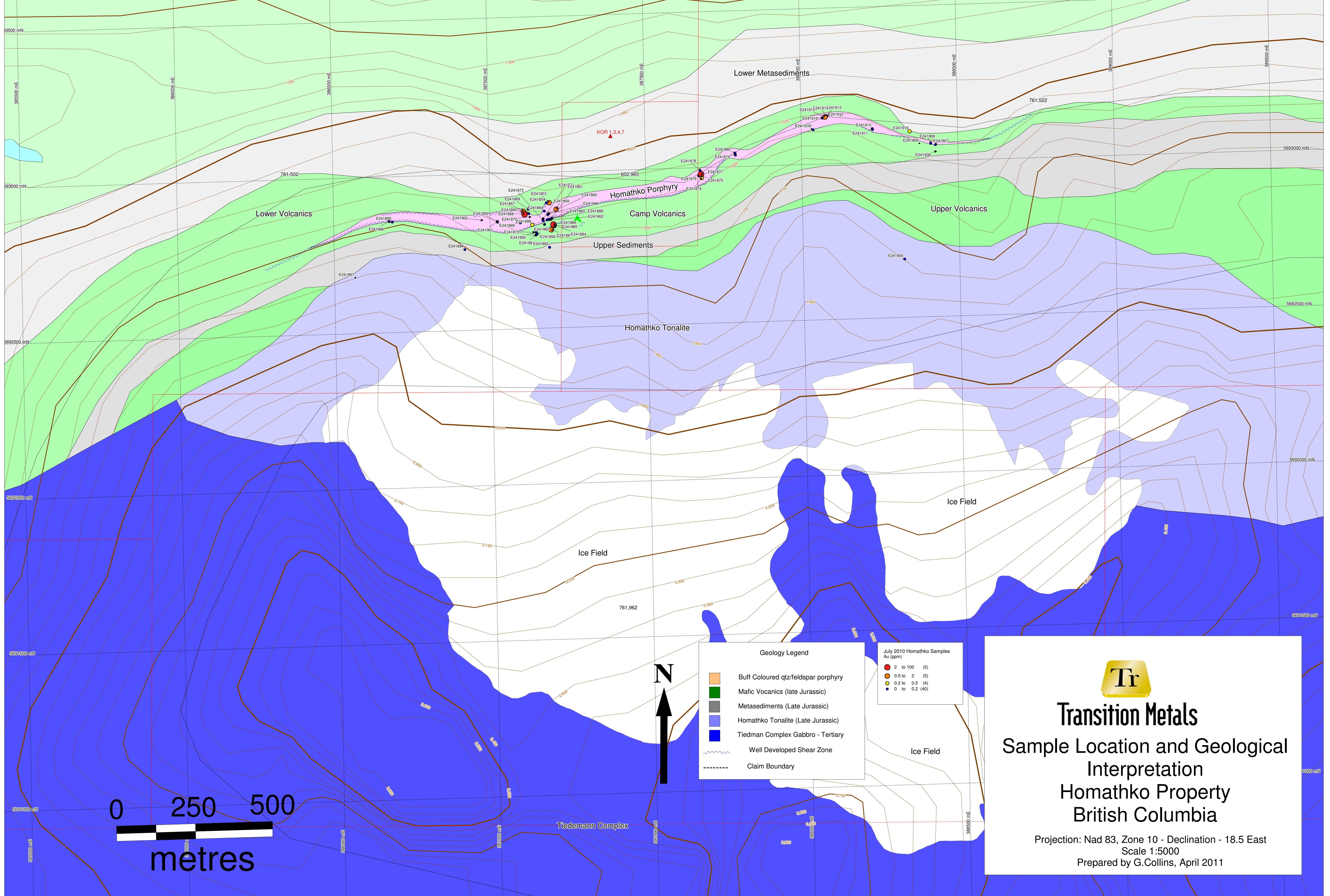
Page: 3 - C  
Total # Pages: 3 (A - C)  
Finalized Date: 23-JUL-2010  
Account: TRAMET

**CERTIFICATE OF ANALYSIS VA10094122**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |      |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|------|
|                    |                                   | Sr       | Th       | Ti       | Ti       | U        | V        | W        | Zn   |
|                    |                                   | ppm      | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm  |
|                    |                                   | 1        | 20       | 0.01     | 10       | 10       | 1        | 10       | 2    |
| E241893            |                                   | 28       | <20      | <0.01    | <10      | <10      | 1        | <10      | 15   |
| E241894            |                                   | 25       | <20      | <0.01    | <10      | <10      | 4        | <10      | 8    |
| E241895            |                                   | 103      | <20      | <0.01    | <10      | <10      | 28       | <10      | 22   |
| E241896            |                                   | 7        | <20      | <0.01    | <10      | <10      | 16       | <10      | 11   |
| E241897            |                                   | 31       | <20      | 0.21     | <10      | <10      | 64       | <10      | 72   |
| E241898            |                                   | 106      | <20      | <0.01    | <10      | <10      | 10       | <10      | 18   |
| E241899            |                                   | 85       | <20      | <0.01    | <10      | <10      | 11       | <10      | 36   |
| E241900            |                                   | 25       | <20      | <0.01    | <10      | <10      | 3        | <10      | 1545 |
| E241901            |                                   | 110      | <20      | <0.01    | <10      | <10      | 25       | <10      | 56   |
| E241902            |                                   | 85       | <20      | <0.01    | <10      | <10      | 5        | <10      | 18   |
| E241903            |                                   | 2        | <20      | <0.01    | <10      | <10      | 1        | <10      | 1355 |
| E241904            |                                   | 51       | <20      | 0.03     | <10      | <10      | 16       | <10      | 74   |
| E241905            |                                   | 6        | <20      | 0.09     | <10      | <10      | 25       | <10      | 32   |
| E241906            |                                   | 12       | <20      | <0.01    | <10      | <10      | 5        | <10      | 18   |
| E241907            |                                   | 302      | <20      | <0.01    | <10      | <10      | 18       | <10      | 16   |
| E241908            |                                   | 48       | <20      | <0.01    | <10      | <10      | 13       | <10      | 704  |
| E241909            |                                   | 42       | <20      | <0.01    | <10      | <10      | 10       | <10      | 17   |
| E241910            |                                   | 31       | <20      | <0.01    | <10      | <10      | 15       | <10      | 29   |
| E241911            |                                   | 71       | <20      | 0.01     | <10      | <10      | 82       | <10      | 72   |
| E241912            |                                   | 216      | <20      | <0.01    | <10      | <10      | 16       | <10      | 34   |
| E241913            |                                   | 239      | <20      | <0.01    | <10      | <10      | 15       | <10      | 26   |
| E241914            |                                   | 284      | <20      | <0.01    | <10      | <10      | 15       | <10      | 36   |
| E241915            |                                   | 20       | <20      | <0.01    | <10      | <10      | 3        | <10      | 26   |
| E241916            |                                   | <1       | <20      | <0.01    | <10      | <10      | 1        | <10      | 4    |
| E241917            |                                   | 221      | <20      | <0.01    | <10      | <10      | 85       | <10      | 49   |
| E241918            |                                   | 136      | <20      | <0.01    | <10      | <10      | 26       | <10      | 35   |
| E241919            |                                   | 130      | <20      | <0.01    | <10      | <10      | 5        | <10      | 26   |

## **APPENDIX C**

Geology Interpretation and Sample Location Map  
1:5,000 Scale



KOR 1,3,4,7

Lower Volcanics

Homathko Porphyry

Camp Volcanics

Upper Volcanics

Upper Sediments

Homathko Tonalite

Ice Field

Ice Field

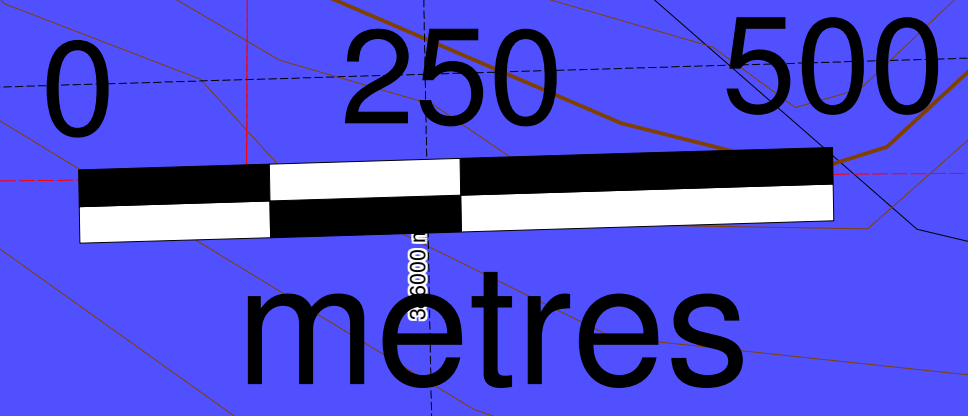
N


**Geology Legend**

- Buff Coloured qtz/feldspar porphyry
- Mafic Volcanics (late Jurassic)
- Metasediments (Late Jurassic)
- Homathko Tonalite (Late Jurassic)
- Tiedman Complex Gabbro - Tertiary
- Well Developed Shear Zone
- Claim Boundary

**July 2010 Homathko Samples Au (ppm)**

- 2 to 100 (5)
- 0.5 to 2 (5)
- 0.2 to 0.5 (4)
- 0 to 0.2 (40)





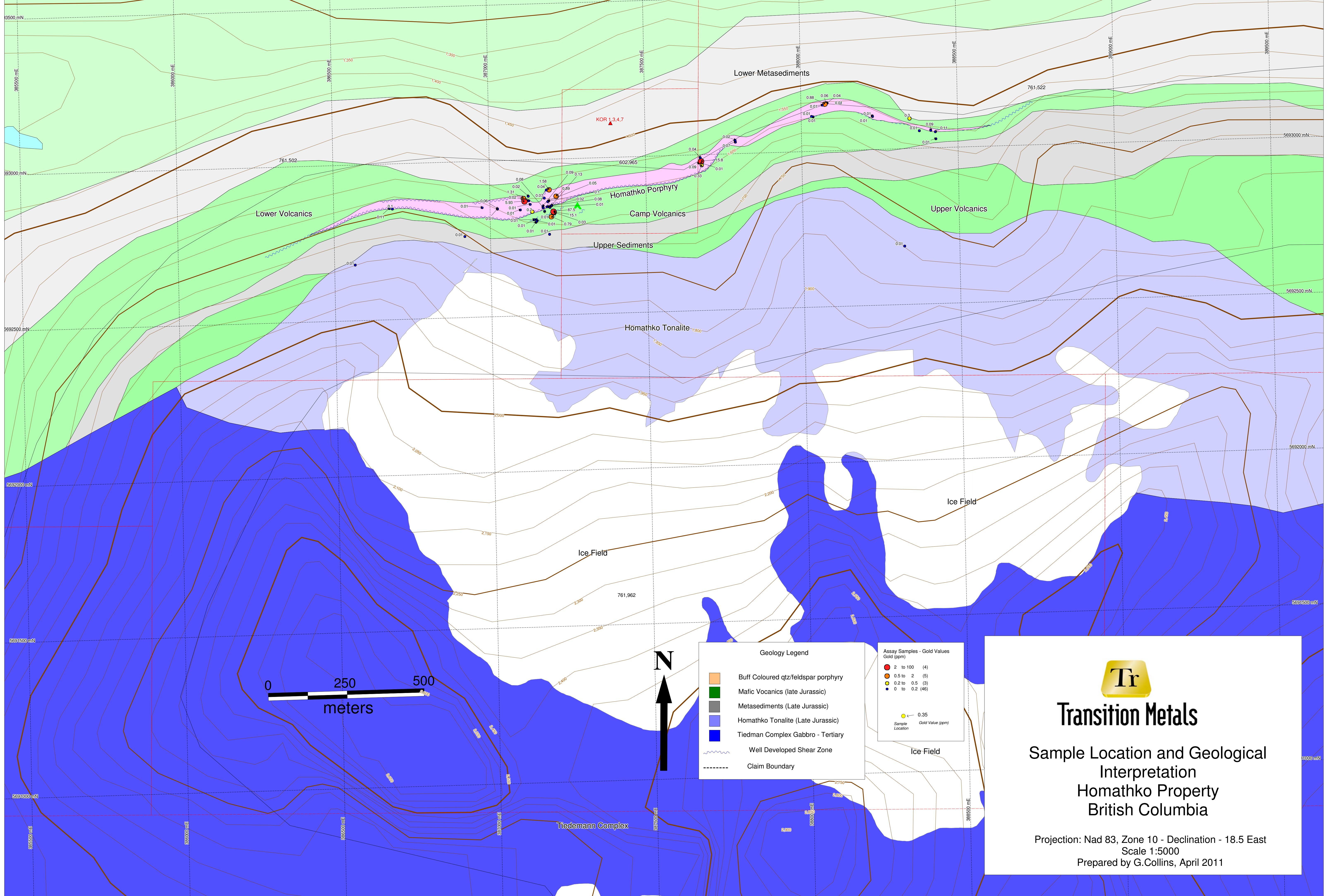
**Transition Metals**

**Sample Location and Geological Interpretation**

**Homathko Property**

**British Columbia**

Projection: Nad 83, Zone 10 - Declination - 18.5 East  
Scale 1:5000  
Prepared by G.Collins, April 2011



KOR 1,3,4,7

Lower Metasediments

Lower Volcanics

Homathko Porphyry

Camp Volcanics

Upper Volcanics

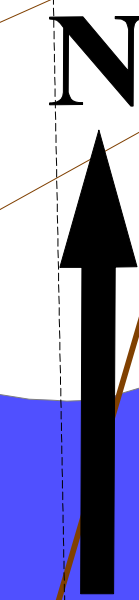
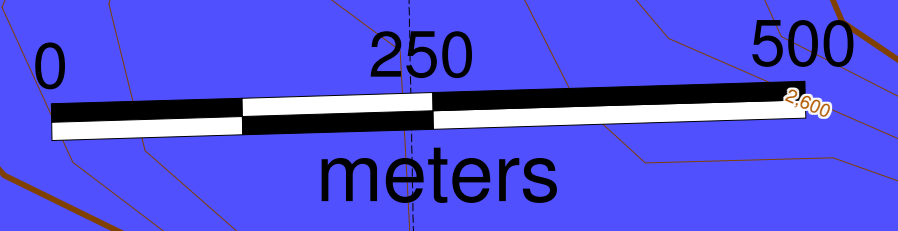
Upper Sediments

Homathko Tonalite

Ice Field

Ice Field

Tiedemann Complex




**Geology Legend**

- Buff Coloured qtz/feldspar porphyry
- Mafic Volcanics (late Jurassic)
- Metasediments (Late Jurassic)
- Homathko Tonalite (Late Jurassic)
- Tiedman Complex Gabbro - Tertiary
- Well Developed Shear Zone
- Claim Boundary

**Assay Samples - Gold Values**  
Gold (ppm)

- 2 to 100 (4)
- 0.5 to 2 (5)
- 0.2 to 0.5 (3)
- 0 to 0.2 (46)

← 0.35  
Sample Location      Gold Value (ppm)



## Transition Metals

### Sample Location and Geological Interpretation

### Homathko Property

### British Columbia

Projection: Nad 83, Zone 10 - Declination - 18.5 East  
Scale 1:5000  
Prepared by G.Collins, April 2011



## **APPENDIX D**

Statement of Costs

\

| Exploration Work type               | Comment   | Days        |             |                  | Totals            |
|-------------------------------------|---|-------------|-------------|------------------|-------------------|
| <b>Personnel (Name)* / Position</b> | <b>Field Days (list actual days)</b>                                    | <b>Days</b> | <b>Rate</b> | <b>Subtotal*</b> |                   |
| Greg Collins - P.Geol Consultant    | July 4 to July 11, 2010   | 7           | \$625.00    | \$4,375.00       |                   |
| Scott Mclean - P.Geol               | July 4 to July 11, 2010   | 7           | \$625.00    | \$4,375.00       |                   |
|                                     |   |             | \$0.00      | \$0.00           |                   |
|                                     |   |             | \$0.00      | \$0.00           |                   |
|                                     |   |             | \$0.00      | \$0.00           |                   |
|                                     |   |             | \$0.00      | \$0.00           |                   |
|                                     |   |             |             | \$8,750.00       | <b>\$8,750.00</b> |
| <b>Office Studies</b>               | <b>List Personnel (note - Office only, do not include field days)</b>   |             |             |                  |                   |
| Literature search                   |   |             | \$0.00      | \$0.00           |                   |
| Database compilation                |   |             | \$0.00      | \$0.00           |                   |
| Computer modelling                  |   | 2.0         | \$625.00    | \$1,250.00       |                   |
| Reprocessing of data                | Greg Collins  | 1.0         | \$625.00    | \$625.00         |                   |
| General research                    | Greg Collins  | 2.0         | \$625.00    | \$1,250.00       |                   |
| Report preparation                  | Greg Collins  | 2.0         | \$625.00    | \$1,250.00       |                   |
| Other (specify)                     |   |             |             |                  |                   |
|                                     |   |             |             | \$4,375.00       | <b>\$4,375.00</b> |
| <b>Airborne Exploration Surveys</b> | <b>Line Kilometres / Enter total invoiced amount</b>                    |             |             |                  |                   |
| Aeromagnetics                       |   |             | \$0.00      | \$0.00           |                   |
| Radiometrics                        |   |             | \$0.00      | \$0.00           |                   |
| Electromagnetics                    |   |             | \$0.00      | \$0.00           |                   |
| Gravity                             |   |             | \$0.00      | \$0.00           |                   |
| Digital terrain modelling           |   |             | \$0.00      | \$0.00           |                   |
| Other (specify)                     |   |             | \$0.00      | \$0.00           |                   |
|                                     |   |             |             | \$0.00           | <b>\$0.00</b>     |
| <b>Remote Sensing</b>               | <b>Area in Hectares / Enter total invoiced amount or list personnel</b> |             |             |                  |                   |
| Aerial photography                  |   |             | \$0.00      | \$0.00           |                   |
| LANDSAT                             |   |             | \$0.00      | \$0.00           |                   |
| Other (specify)                     |   |             | \$0.00      | \$0.00           |                   |
|                                     |   |             |             | \$0.00           | <b>\$0.00</b>     |
| <b>Ground Exploration Surveys</b>   | <b>Area in Hectares/List Personnel</b>                                  |             |             |                  |                   |
| Geological mapping                  | 1700 Ha - G.Collins, S.Mclean   |             |             |                  |                   |
| Regional                            | <i>note: expenditures here</i>  |             |             |                  |                   |
| Reconnaissance                      | <i>should be captured in Personnel</i>                                  |             |             |                  |                   |
| Prospect                            | 1700 Ha - G.Collins, S.Mclean <i>field expenditures above</i>           |             |             |                  |                   |
| Underground                         | Define by length and width  |             |             |                  |                   |
| Trenches                            | Define by length and width  |             |             |                  |                   |
|                                     |   |             |             | \$0.00           | <b>\$0.00</b>     |
| <b>Ground geophysics</b>            | <b>Line Kilometres / Enter total amount invoiced list personnel</b>     |             |             |                  |                   |
| Radiometrics                        |   |             |             |                  |                   |
| Magnetics                           |   |             |             |                  |                   |
| Gravity                             |   |             |             |                  |                   |
| Digital terrain modelling           |   |             |             |                  |                   |
| Electromagnetics                    | <i>note: expenditures for your crew in the field</i>                    |             |             |                  |                   |
| SP/AP/EP                            | <i>should be captured above in Personnel</i>                            |             |             |                  |                   |
| IP                                  | <i>field expenditures above</i>   |             |             |                  |                   |
| AMT/CSAMT                           |   |             |             |                  |                   |
| Resistivity                         |   |             |             |                  |                   |
| Complex resistivity                 |   |             |             |                  |                   |
| Seismic reflection                  |   |             |             |                  |                   |

|                                 |  |            |             |                 |                   |
|---------------------------------|--|------------|-------------|-----------------|-------------------|
| Seismic refraction              |  |            |             |                 |                   |
| Well logging                    | Define by total length                       |            |             |                 |                   |
| Geophysical interpretation      |  |            |             |                 |                   |
| Petrophysics                    |  |            |             |                 |                   |
| Other (specify)                 |  |            |             |                 |                   |
|                                 |  |            |             | \$0.00          | <b>\$0.00</b>     |
| <b>Geochemical Surveying</b>    | <b>Number of Samples</b>                     | <b>No.</b> | <b>Rate</b> | <b>Subtotal</b> |                   |
| Drill (cuttings, core, etc.)    |  |            | \$0.00      | \$0.00          |                   |
| Stream sediment                 |  |            | \$0.00      | \$0.00          |                   |
| Soil                            | <i>note: This is for assays or</i>           |            | \$0.00      | \$0.00          |                   |
| Rock                            | <i>58 samples</i>                            | 58.0       | \$39.68     | \$2,301.36      |                   |
| Water                           |  |            | \$0.00      | \$0.00          |                   |
| Biogeochemistry                 |  |            | \$0.00      | \$0.00          |                   |
| Whole rock                      |  |            | \$0.00      | \$0.00          |                   |
| Petrology                       |  |            | \$0.00      | \$0.00          |                   |
| Other (specify)                 |  |            | \$0.00      | \$0.00          |                   |
|                                 |  |            |             | \$2,301.36      | <b>\$2,301.36</b> |
| <b>Drilling</b>                 | <b>No. of Holes, Size of Core and Metres</b> | <b>No.</b> | <b>Rate</b> | <b>Subtotal</b> |                   |
| Diamond                         |  |            | \$0.00      | \$0.00          |                   |
| Reverse circulation (RC)        |  |            | \$0.00      | \$0.00          |                   |
| Rotary air blast (RAB)          |  |            | \$0.00      | \$0.00          |                   |
| Other (specify)                 |  |            | \$0.00      | \$0.00          |                   |
|                                 |  |            |             | \$0.00          | <b>\$0.00</b>     |
| <b>Other Operations</b>         | <b>Clarify</b>                               | <b>No.</b> | <b>Rate</b> | <b>Subtotal</b> |                   |
| Trenching                       |  |            | \$0.00      | \$0.00          |                   |
| Bulk sampling                   |  |            | \$0.00      | \$0.00          |                   |
| Underground development         |  |            | \$0.00      | \$0.00          |                   |
| Other (specify)                 |  |            | \$0.00      | \$0.00          |                   |
|                                 |  |            |             | \$0.00          | <b>\$0.00</b>     |
| <b>Reclamation</b>              | <b>Clarify</b>                               | <b>No.</b> | <b>Rate</b> | <b>Subtotal</b> |                   |
| After drilling                  |  |            | \$0.00      | \$0.00          |                   |
| Monitoring                      |  |            | \$0.00      | \$0.00          |                   |
| Other (specify)                 |  |            | \$0.00      | \$0.00          |                   |
|                                 |  |            |             |                 |                   |
| <b>Transportation</b>           |  | <b>No.</b> | <b>Rate</b> | <b>Subtotal</b> |                   |
| Airfare                         | Pacific Coastal                              | 2.00       | \$428.11    | \$856.22        |                   |
| Taxi                            |  |            | \$50.00     | \$50.00         |                   |
| truck rental                    |  |            | \$ 711.73   | \$ 711.73       |                   |
| kilometers                      |  |            | \$0.00      | \$0.00          |                   |
| ATV                             |  |            | \$0.00      | \$0.00          |                   |
| fuel                            | Gas for Truck                                |            | \$0.00      | \$190.00        |                   |
| Helicopter (hours)              | White Saddle Air Services (fuel incl)        |            | \$0.00      | \$4,995.00      |                   |
| Fuel (litres/hour)              |  |            | \$0.00      | \$0.00          |                   |
| Other                           |  |            |             |                 |                   |
|                                 |  |            |             | \$6,802.95      | <b>\$6,802.95</b> |
| <b>Accommodation &amp; Food</b> | <b>Rates per day</b>                         |            |             |                 |                   |
| Hotel                           |  |            | \$0.00      | \$278.00        |                   |
| Camp                            | Lodging and Meals at White Saddle            |            | \$0.00      | \$1,100.00      |                   |
| Meals                           | Grocery                                      |            | \$0.00      | \$350.00        |                   |
|                                 |  |            |             | \$1,728.00      | <b>\$1,728.00</b> |

|                                  |                    |  |        |            |                    |
|----------------------------------|--------------------|--|--------|------------|--------------------|
| <b>Miscellaneous</b>             |                    |  |        |            |                    |
| Telephone                        |                    |  | \$0.00 | \$1,428.00 |                    |
| Other (Specify)                  |                    |  |        |            |                    |
|                                  |                    |  |        | \$1,428.00 | <b>\$1,428.00</b>  |
| <b>Equipment Rentals</b>         |                    |  |        |            |                    |
| Field Gear (Specify)             | Misc Camp supplies |  | \$0.00 | \$763.00   |                    |
| Other (Specify)                  |                    |  |        |            |                    |
|                                  |                    |  |        | \$763.00   | <b>\$763.00</b>    |
| <b>Freight, rock samples</b>     |                    |  |        |            |                    |
|                                  |                    |  | \$0.00 | \$652.00   |                    |
|                                  |                    |  | \$0.00 | \$0.00     |                    |
|                                  |                    |  |        | \$652.00   | <b>\$652.00</b>    |
|                                  |                    |  |        |            |                    |
| <b><i>TOTAL Expenditures</i></b> |                    |  |        |            | <b>\$26,800.31</b> |