

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Technical Work

TOTAL COST: \$12,240.69

AUTHOR(S): Brad Clarke SIGNATURE(S): _____

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): NA YEAR OF WORK: 2017

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

PROPERTY NAME: Homathko

CLAIM NAME(S) (on which the work was done): 761502, 761522, 1010863

COMMODITIES SOUGHT: Gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092N067 - Discovery Creek, 092N049 - KOR 1,3,4,7, 092N068 - Chopper

MINING DIVISION: Caribou NTS/BCGS: 092N07E

LATITUDE: 51 ° 22 ' 32 " LONGITUDE: -124 ° 37 ' 15 " (at centre of work)

OWNER(S):

1) Transition Metals Corp 2) _____

MAILING ADDRESS:

410 Falconbridge Rd, Unit 5

Sudbury ON, P3A 4S4

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

1) Shamrock Resources 2) _____

Transition Metals

MAILING ADDRESS:

410 Falconbridge Rd, Unit 5

Sudbury ON, P3A 4S4

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

Jurassic, Stkine, metavolcanics, metasediments, feldspar porphyry, shear vein, disseminated, stockwork quartz veining, sulphide

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: _____

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping _____			
Photo interpretation _____			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic _____			
Electromagnetic _____			
Induced Polarization _____			
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
GEOCHEMICAL (number of samples analysed for...)			
Soil _____			
Silt _____			
Rock 9 _____		761502, 1010863	
Other _____			
DRILLING (total metres; number of holes, size)			
Core _____			
Non-core _____			
RELATED TECHNICAL			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
PROSPECTING (scale, area) _____			
PREPARATORY / PHYSICAL			
Line/grid (kilometres) _____			
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
		TOTAL COST:	

Report of Prospecting Work
Homathko Property
September, 2017
Caribou Regional District, British Columbia
(NTS 41P10)



Prepared for
Transition Metals Corporation

by

Brad Clarke, G.I.T.

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APPENDICES

APPENDIX A: ASSAY CERTIFICATES

APPENDIX B: GEOLOGICAL INTERPRETATION AND SAMPLE LOCATION MAP

APPENDIX C: STATEMENT OF COSTS

1.0 SUMMARY

The Homathko property was staked by Transition Metals Corp. (Client 240041, the Company) in 2010 to cover unevaluated occurrences of gold identified by the Company in early 2010. Further staking was done by the Company in 2017 in order to include the projected strike extent containing elevated gold values. 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, located 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, and 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. In 2010, prospecting and mapping work completed by the Company confirmed the location of the historical occurrence and traced an altered and mineralized mesothermal gold system over 1.5 kilometers of exposed strike on the north slope of Mount Homathko. Further prospecting and mapping work was completed in 2011 and 2012 by the Company in areas not previously evaluated and in areas proximal to the Discovery occurrence. In 2015 a lineament and hyperspectral study was conducted by the Company using satellite imagery. The study was done to enhance the Company's understanding of the structural and alteration controls on mineralization and geology. The results of the study identified a previously unrecognized structural trend associated with a hyperspectral response which may control gold mineralization.

The property was optioned in 2017 to Shamrock Resources Ltd. for prospecting and field work. Shamrock Resources Ltd. conducted a two day sampling and prospecting program in September. Assay results returned elevated gold values in two of the nine samples collected. This report outlines the details pertaining to the prospecting and sampling completed in 2017.

2.0 INTRODUCTION

On September 14th and 15th, 2017, the senior geologist of Shamrock Resources Ltd., Brett LePeare, visited the property via helicopter with an assistant. Prospecting and sampling was done around the Discovery Creek showing on claims 761502 and 602965. In total 9 samples were submitted for gold assay analysis. This report is intended to fulfil requirements associated with filing Assessment Work in the Province of British Columbia to maintain the claims in good standing and is filed in connection with mineral tenure event 5670663 attached hereto.

3.0 PROPERTY LOCATION AND ACCESS

The property is located approximately 200 km west of William's Lake and consists of 9 contiguous unpatented mining claims comprising approximately 2,986 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, Naden 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 was accessed via helicopter from Williams Lake. Portions of the property lying on the east side of the Ostetuko River (Mt Moore) 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.

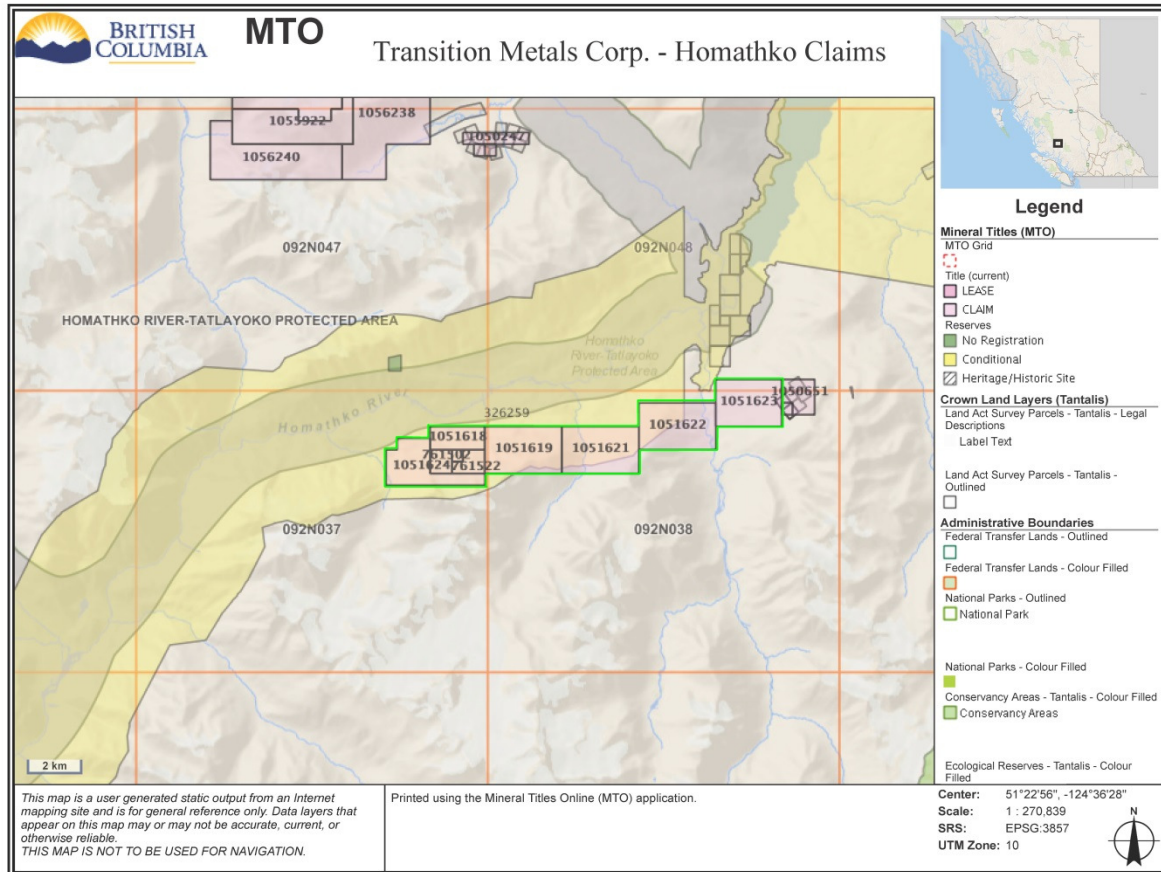


Figure 1: Property Location Map

Table 1. Listing of Claims

<u>Title Number</u>	<u>Claim Name</u>	<u>Owner</u>	<u>Title Type</u>	<u>Title Sub Type</u>	<u>Map Number</u>	<u>Issue Date</u>	<u>Good To Date</u>	<u>Status</u>	<u>Area (ha)</u>
761502	MCDOUGALL	240041 100%	Mineral	Claim	092N	2010/APR/29	2017/OCT/29	GOOD	80.71
761522	MCDOUGALL	240041 100%	Mineral	Claim	092N	2010/APR/29	2017/OCT/29	GOOD	100.89
1010863	#1	240041 100%	Mineral	Claim	092N	2012/JUL/06	2019/APR/29	GOOD	20.18
1051618	MACDOUGALL	240041 100%	Mineral	Claim	092N	2017/APR/27	2018/APR/27	GOOD	201.74
1051619	MACDOUGALL	240041 100%	Mineral	Claim	092N	2017/APR/27	2018/APR/27	GOOD	564.88
1051621	MACDOUGALL	240041 100%	Mineral	Claim	092N	2017/APR/27	2018/APR/27	GOOD	564.87
1051622	MACDOUGALL	240041 100%	Mineral	Claim	092N	2017/APR/27	2018/APR/27	GOOD	564.75
1051623	MACDOUGALL	240041 100%	Mineral	Claim	092N	2017/APR/27	2018/APR/27	GOOD	483.98
1051624	MACDOUGALL	240041 100%	Mineral	Claim	092N	2017/APR/27	2018/APR/27	GOOD	403.57
	9 claims							Total:	2985.57

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 Creek 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.

The property was staked by Transition Metals Corp. in 2010 and 2017. The company has completed prospecting, geological mapping, and satellite survey programs which were filed for assessment in 2010, 2011, 2013 and 2015. The sampling and prospecting work identified areas which have returned elevated gold values. The geological mapping of the property has outlined the stratigraphy of the property and found the rocks related to mineralization and alteration extending 4 km. The satellite survey helped uncover a structural trend associated with a hyperspectral response which may play a role in controlling mineralization.

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 Terrain.

5.2 PROPERTY GEOLOGY

The most recent publically available geology maps covering the project area were produced by Roddick and Tipper of the GSC in 1985 at a scale of 1:125,000. Field work in 2010 and 2011 has sought to improve the level of knowledge concerning the geology and structure of the property so that the extent of altered and deformed volcanic and intrusive rocks associated with auriferous quartz carbonate veining observed at the Discovery Creek Showing could be more effectively traced. Geological mapping incorporating field observations and measurements collected on claims 761502, 761522 and 761562, aerial photography obtained from Google Earth and digital elevation information obtained from Geobase.ca was used to update and expand upon the 1:5000 scale geological interpretation initiated in 2010 and revised in 2011 which was submitted by the author in a previous assessment report entitled

“Assessment Report Detailing Mapping and Sampling Work - Homathko Property, October 2011, Caribou Regional District, British Columbia”. Please refer to this report for an overview of the detailed property scale geology of the property.

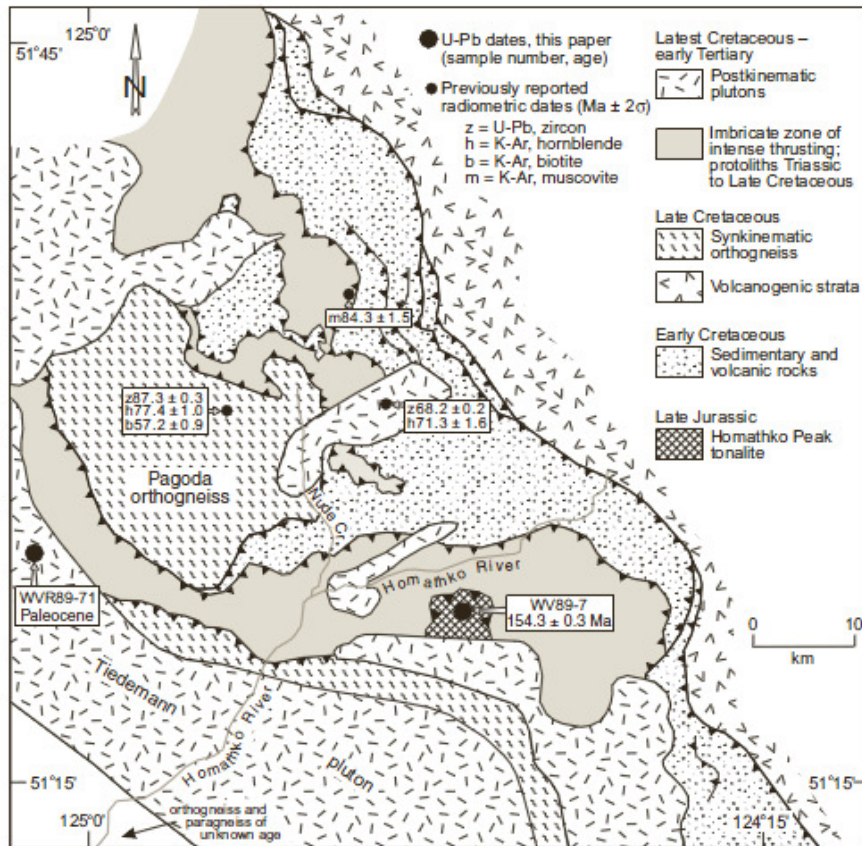


Figure 2: Regional Geology of the Eastern Waddington thrust Belt (modified from Rushmore and Woodsworth, 1994)

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. 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. Field investigations in 2011 identified the presence of arsenopyrite hosted by quartz carbonate in tonalite, but it is unclear whether or not the sampled material is the same referred to in Minfile 092N 023.

Investigation of the Discovery Creek area by the Company in 2010 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 veins 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.

Work in 2011 and 2012 further confirmed the presence of elevated gold mineralization in the vicinity of the Discovery Creek Showing. A sample of vein material identified near the base of the Lower Volcanic formation (L781052) located at 387,143 mE, 5,692,943 mN returned 0.79 g/t Au. In the vicinity of the Discovery showing, elevated gold silver and copper values in grab samples have been obtained across a sampled section of the exposed geology now reaching approximately 140 in thickness. Along strike from the Discovery Creek Showing, elevated gold values have been traced for approximately 1.3 kilometres.

No elevated gold values were detected in the sampled locations on the northeastern flank of Mount Homathko, nor on the eastern flank of Naden Mountain. Elevated arsenic values up to 0.85% As were obtained from quartz carbonate veining hosting arsenopyrite occurring in the Homathko Tonalite on the northeastern flank of Mt Homathko as evidenced by samples L781157, L781158 and L781159.

7.0 EXPLORATION WORK

On September 14th and 15th, the senior geologist Brett LePeare and an assistant landed in the vicinity of the Discovery Creek Showing supported by White Saddle Air Services out of Tatla Lake, British Columbia to conduct a preliminary investigation of the property on behalf of Shamrock Resources Ltd. (Shamrock). A total 9 rock samples were collected on claims 761502 and 602965, which are outlined in more detail in Table 2. Appendix A provides a copy of the assay certificates obtained from the samples collected. A compilation map depicting the location of samples on a geological interpretation of the survey area is included in Appendix B. The total cost of exploration work is outlined in appendix C.

8.0 DISCUSSION OF RESULTS

The results obtained from the sampling done by Shamrock Resources Ltd. further confirm the presence of elevated gold values on the claim's exposed bedrock near the Discovery Creek showing. These results pair well with the previous work done by the Company on the claims.

The best values obtained from prospecting in 2017 (11.5 g/t Au – Sample 20379, and 11.45 g/t Au – sample 20380). Table 2 summarizes the assay results from Grab samples collected in 2017.

Table 2: Summary Table of Gold Assays<0.01

Sample	Easting	Northing	Au_ppm	Rock Types
20376	387215	5692818	0.01	Qtz veining in Mafic volcanic
20377	387294	5692832	<0.01	Qtz veining in Mafic volcanic
20378	387216	5692813	0.04	Qtz veining in Mafic volcanic
20379	387206	5692827	11.5	Qtz veining in Mafic volcanic
20380	387204	5692829	11.45	Qtz veining in Mafic volcanic
20381	387196	5692829	0.04	Qtz veining in Mafic volcanic
20382	387189	5692823	0.01	Qtz veining in Mafic volcanic
20383	387201	5692826	0.01	Qtz veining in Mafic volcanic
20384	387192	5692833	0.48	Qtz veining in Mafic volcanic

9.0 STATEMENT OF COSTS

A cost of \$12,240.69 related to the support, transport, conduct, interpretation and reporting of work presented in this report was incurred, of which the full amount is considered allowable to be filed for assessment. Please refer to Appendix C for a detailed statement of costs.

10.0 INTERPRETATION AND CONCLUSIONS

The Discovery Creek 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, and Minto).

Results from the work completed to date on the property elevated gold values in bedrock grab in the vicinity of the Discovery Creek Showing. The elevated gold values occur in a host rock interpreted to be favourable for hosting economic mesothermal lode gold deposits.

11.0 RECOMMENDATIONS

Additional work to further characterise the extent of the alteration system and mineralization along strike at surface and at depth is recommended. Coverage of the property by an airborne geophysical survey and an orientation soil geochemical survey would be useful to evaluate the regional potential on the property. Defined targets associated with exposed mineralization should be drill tested.

12.0 STATEMENT OF THE AUTHOR

I, Brad Lucas Clarke, certify that:

- 1) I am a Professional Geoscientist in Training (G.I.T) who belongs to the APGO
- 2) I currently reside at 244 Trailridge Drive Sudbury, Ontario, PE36L8
- 3) I hold a B.Sc. degree in Earth Sciences obtained from the Dalhousie University of Nova Scotia in 2016.
- 4) I am field geologist contracted by Transition Metals Corp. to provide geological services with respect to ongoing exploration and development activities on their properties in Ontario and British Columbia. In this capacity I am authorized to act as an Agent of the Company.
- 5) I have been working continuously as a geologist/geoscientist in Canada from 2016 to present.

Respectfully submitted

{SIGNED}

{Brad Clarke}

January 11, 2018



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To: SHAMROCK ENTERPRISES
1060 RAVENSWOOD DRIVE
ANMORE BC V3H 5M6

Page: 1
Total # Pages: 2 (A)
Plus Appendix Pages
Finalized Date: 3- OCT- 2017
This copy reported on
4- OCT- 2017
Account: SHAMRES

CERTIFICATE TR17201784

This report is for 9 Rock samples submitted to our lab in Terrace, BC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

BOB FERRIS

BRETT LAPEARE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS

To: SHAMROCK ENTERPRISES
ATTN: BOB FERRIS
1060 RAVENSWOOD DRIVE
ANMORE BC V3H 5M6

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.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
Total # Pages: 2 (A)
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Account: SHAMRES

CERTIFICATE OF ANALYSIS TR17201784

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA26 Au ppm 0.01
20376		1.84	0.01
20377		1.64	<0.01
20378		1.76	0.04
20379		1.58	11.50
20380		0.77	11.45
20381		1.10	0.04
20382		1.40	0.01
20383		1.82	0.01
20384		0.74	0.48



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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 3- OCT- 2017
Account: SHAMRES

CERTIFICATE OF ANALYSIS TR17201784

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Terrace located at 2912 Molitor Street, Terrace, BC, Canada.		
	CRU- 31	CRU- QC	LOG- 22
	PUL- QC	SPL- 21	WEI- 21
			PUL- 31
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au- AA26		



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QC CERTIFICATE TR17201784

This report is for 9 Rock samples submitted to our lab in Terrace, BC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

BOB FERRIS

BRETT LAPEARE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
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LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
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ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
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***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 2 (A)
 Plus Appendix Pages
 Finalized Date: 3- OCT- 2017
 Account: SHAMRES

QC CERTIFICATE OF ANALYSIS TR17201784

Sample Description	Method Analyte Units LOR	Au- AA26 Au ppm 0.01	
STANDARDS			
G912- 1		7.13	
Target Range - Lower Bound		6.84	
Upper Bound		7.74	
LEA- 16		0.49	
Target Range - Lower Bound		0.46	
Upper Bound		0.54	
BLANKS			
BLANK		<0.01	
Target Range - Lower Bound		<0.01	
Upper Bound		0.02	
DUPLICATES			
ORIGINAL		1.49	
DUP		1.46	
Target Range - Lower Bound		1.39	
Upper Bound		1.56	
ORIGINAL		1.67	
DUP		1.62	
Target Range - Lower Bound		1.55	
Upper Bound		1.74	
ORIGINAL		3.29	
DUP		3.33	
Target Range - Lower Bound		3.13	
Upper Bound		3.49	



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To: SHAMROCK ENTERPRISES
1060 RAVENSWOOD DRIVE
ANMORE BC V3H 5M6

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Finalized Date: 3- OCT- 2017
Account: SHAMRES

QC CERTIFICATE OF ANALYSIS TR17201784

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Terrace located at 2912 Molitor Street, Terrace, BC, Canada.			
	CRU- 31	CRU- QC	LOG- 22	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au- AA26			

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Brett LePeare (Senior Geologist)	Sept 13 to Sept 17	4	\$750.00	\$3,390.00	GST added
Field Assistant	Sept 13 to Sept 16	3	\$375.00	\$1,271.25	GST added
			\$0.00	\$0.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
				\$4,661.25	\$4,661.25
Office Studies	List Personnel (note - Office only, do not include field days)				
Literature search			\$0.00	\$0.00	
Database compilation	GIS Technician(Shamrock Resources Ltd)	1.0	\$400.00	\$452.00	GST added
Computer modelling	Brad Clarke (Transition Metals Corp.)	1.0	\$225.00	\$225.00	
Reprocessing of data			\$0.00	\$0.00	
General research			\$0.00	\$0.00	
Report preparation	Brad Clarke (Transition Metals Corp.)	2.0	\$225.00	\$450.00	
Other (specify)					
				\$1,127.00	\$1,127.00
Airborne Exploration Surveys	Line Kilometres / Enter total invoiced amount				
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	\$0.00
Remote Sensing	Area in Hectares / Enter total invoiced amount or list personnel				
Aerial photography			\$0.00	\$0.00	
LANDSAT			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	\$0.00
Ground Exploration Surveys	Area in Hectares/List Personnel				
Geological mapping					
Regional			<i>note: expenditures here</i>		
Reconnaissance			<i>should be captured in Personnel</i>		
Prospect			<i>field expenditures above</i>		
Underground	Define by length and width				
Trenches	Define by length and width			\$0.00	\$0.00
Ground geophysics	Line Kilometres / Enter total amount invoiced list personnel				
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	\$0.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	
Drill (cuttings, core, etc.)			\$0.00	\$0.00	
Stream sediment			\$0.00	\$0.00	
Soil	<i>note: This is for assays for</i>		\$0.00	\$0.00	
Rock	<i>9 samples</i>	9.0	\$34.42	\$309.79	
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	
				\$309.79	\$309.79
Drilling	No. of Holes, Size of Core and Metres	No.	Rate	Subtotal	
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	\$0.00
Other Operations	Clarify	No.	Rate	Subtotal	
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	\$0.00
Reclamation	Clarify	No.	Rate	Subtotal	
After drilling			\$0.00	\$0.00	
Monitoring			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
Transportation		No.	Rate	Subtotal	
Airfare			\$0.00	\$0.00	
Taxi			\$0.00	\$0.00	
truck rental		2.00	\$50.00	\$100.00	
kilometers			\$0.00	\$0.00	
ATV			\$0.00	\$0.00	
fuel	Gas for Truck		\$0.00	\$348.57	
Helicopter (hours)	White Saddle Air Services (fuel incl)		\$0.00	\$4,663.57	
Fuel (litres/hour)			\$0.00	\$0.00	
Other					
				\$5,112.14	\$5,112.14
Accommodation & Food	Rates per day				
Hotel			\$0.00	\$0.00	
Camp	Lodging and Meals at White Saddle	3.00	\$231.65	\$694.95	
Meals	Grocery		\$0.00	\$70.00	
				\$764.95	\$764.95
Miscellaneous					
Telephone			\$0.00	\$0.00	
Other (Specify)	Printing			\$107.64	
				\$107.64	\$107.64

Equipment Rentals					
Field Gear (Specify)	Misc Camp supplies		\$0.00	\$157.92	
Other (Specify)					
				\$157.92	\$157.92
Freight, rock samples					
			\$0.00	\$0.00	
			\$0.00	\$0.00	
				\$0.00	\$0.00
<i>TOTAL Expenditures</i>					\$12,240.69

