Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TYPE OF REPORT (type of survey(s))	**TOTAL COST**	**$24,501.59**
Geochemical Sampling		

AUTHOR(S): R. Ti Henneberry, P.Geo.

SIGNATURE(S): "signed and sealed"

NOTICE OF WORK NUMBER(S) / DATE(S)

YEAR OF WORK 2016

STATEMENT OF WORK – CASH PAYMENT EVENT NUMBERS / DATE(S) 5618208

PROPERTY NAME Tahsis

CLAIM NAME(S) (on which work was done)
1046318

COMMODITIES SOUGHT Gold, copper

MINERAL INVENTORY MINFILE NUMBERS, IF KNOWN

MINING DIVISION Nanaimo NTS 092E/15 TRIM 092E087

LATITUDE LONGITUDE (at centre of work)

NORTHING 5532000 EASTING 668500 UTM ZONE 9 MAP DATUM NAD 83

OWNER 1
Qualitas Holdings Corp.

OWNER 2

MAILING ADDRESS
5215 6th Avenue
Delta, B.C. V4M 1L6

OPERATORS (who paid for work)
SOJOURN VENTURES INC.

MAILING ADDRESS
760 – 777 Hornby Street
Vancouver, B.C. V6Z 1S4

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size, attitude)
The property is underlain by Triassic Vancouver Group Karmutsen volcanics, Quatsino limestones and Parson Bay sediments, Jurassic Bonanza volcanics intruded by Jurassic and Eocene intrusions. The property is being explored for precious metals associated with the Eocene intrusives and replacement base metals in the Quatsino limestones.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS
32787, 30088, 32787, 34395, 35793

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (In Metric Units)	On Which Claims	Project Costs Apportioned
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo Interpretation			
GEOPHYSICAL (line kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Siesmic			
Other			
Airborne			
GEOCHEMICAL			
(number of samples analyzed for)			
Soil	149	1046318	
Rock	1	1046318	
Other			
DRILLING			
(total metres, number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / assaying			
Petrographic			
Mineralogical			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATION / PHYSICAL			
Line/grid (kilometres)			
Topographic / Photogrammatic			
(scale, area)			
Legal Surveys (scale, area)			
Road, local access (kilometres)			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	$24,501.59

BC Geological Survey
Assessment Report
36467

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2016 GEOCHEMICAL REPORT

TAHSIS PROPERTY

Located at Tahsis, British Columbia
Nanaimo Mining Division
TRIM Sheet 092E087, 092E097, 092L007
UTM (NAD 83) ZONE 9 668500E 5532000N

FOR

Sojourn Ventures Inc.
760 – 777 Hornby Street
Vancouver, British Columbia V6Z 1S4

By: R. Tim Henneberry, P.Geo.
November 6, 2016

SUMMARY

Sojourn Ventures Inc. can earn a 100% interest, subject to a 3.0% net smelter return (NSR) royalty in the Tahsis Property, a gold target on Northern Vancouver Island by making cash payments of $50,000, issuing 1,000,000 shares and completing $300,000 in exploration over the next two years. The road accessible Tahsis Property is located 105 kilometres northwest of Campbell River, British Columbia and consists of 5 claims totaling 4865.53 hectares.

The Tahsis Property lies in an area of high geological potential. The property is underlain by Eocene Mt. Washington Intrusive Suite quartz diorites in the north and central portion. A thin band of Triassic Quatsino limestones runs through the length of property and is intruded by the quartz diorites in two locations on the property. Anomalous gold stream sediment geochemistry is associated with the intrusive contacts of the quartz diorite proximal to the limestone. Three mineralized occurrences are present on the property.

Three exploration programs have been completed on the Tahsis property on behalf of the property vendor since acquisition in 2011. A total of 903 road soil samples, 840 grid soil samples, 60 stream sediment samples and 59 rocks samples were collected and the property was mapped. Three target areas have been identified, requiring follow up exploration:

- Target A is associated with the eastern contact area of the Mt. Washington Intrusive Suite quartz diorite. This is the intrusive that is associated with the gold veins of the Zeballos Gold Camp. Soil sampling along an abandoned and overgrown logging road at the north end of the target located a continuous 950 metre section of Au-in-soil values ranging from a minimum of 15 ppb to a maximum of 1672 ppb and Cu-in-soil values ranging from a minimum 119 ppm of to a maximum of 1651 ppm.
- Target B is associated with the contact between the Quatsino limestone and Karmutsen volcanics. Two cluster anomalies were clearly identifying during the 2013 grid soil sampling. Cluster 1 is approximately 450 metres north south by 500 metres east west and appears to lie on the lower slopes of a relatively gentle ridge. Cluster 2 is approximately 1300 metres east west by 250 metres north south and stretches down the west facing slope.
- Target E lies within the Quatsino limestones with some interbedded Karmutsen basalts. A 450 metre section of 50 metre spaced road soil sampling contains gold values ranging from a low of 6 ppb Au to a high of 146 ppb Au. Additional values of 9, 7, 6 and 14 ppb occur further to the south. Sampling in 2013 returned a 150 metre section with values of 7, 17, 23, and 27 ppb Au a kilometre to the southeast.

The typical difficult terrain of northern Vancouver Island will necessitate an airborne geophysical survey to best assess Targets A, B and E. The ground surveys completed to date located preliminary anomalies that indicate the potential for mineralization on the Tahsis property. The next logical step is to attempt to ascertain the strength of the anomalies and the potential mineralization. This can best be accomplished by an airborne geophysical program that should be able to vector into the strongest targets within the Target areas. This would be followed up by prospecting to ground truth the anomalies at a cost of $200.000.

The cost of the 2016 exploration program was $24,501.59.

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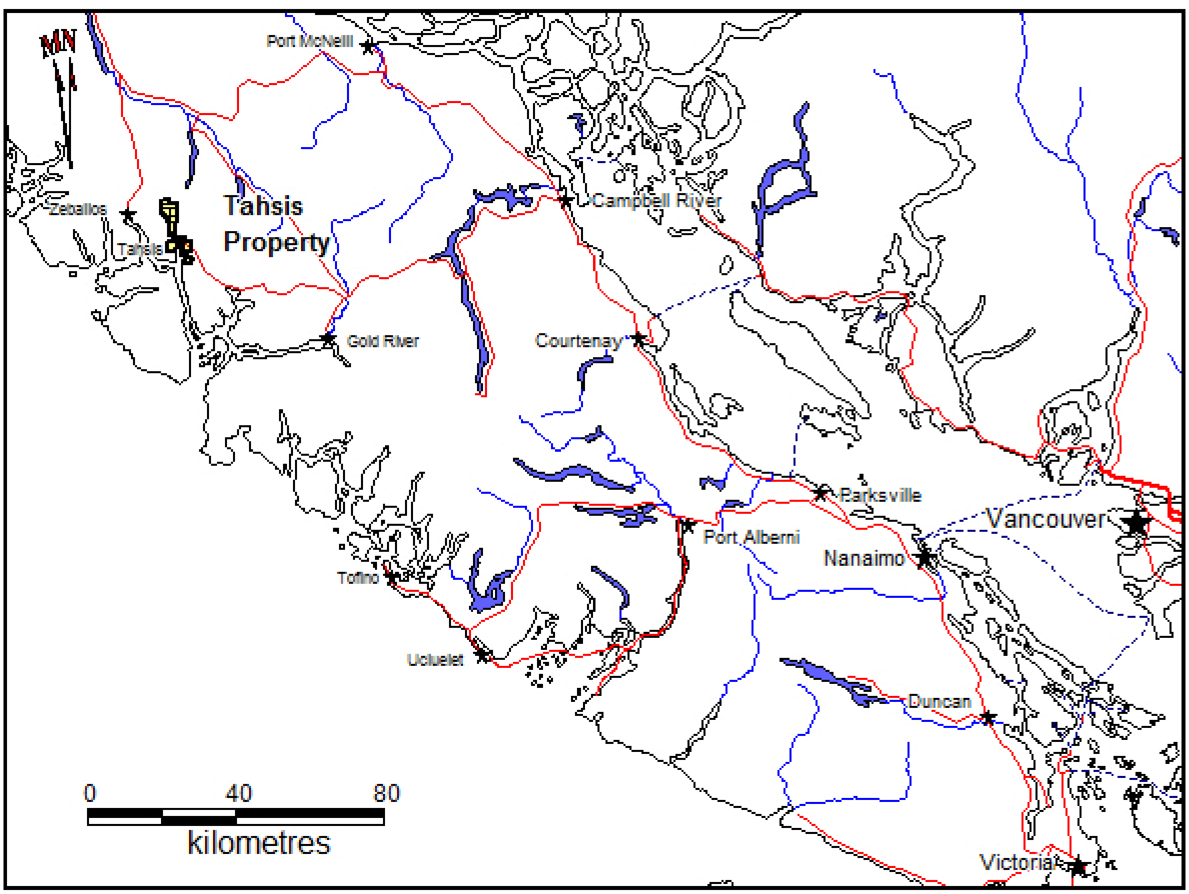
INTRODUCTION

The purpose of this report is to compile the data for the 2016 exploration program undertaken by Qualitas Holdings Corp. on the Tahsis property. This report will also meet the assessment requirements for the claims of the Tahsis property. This report was commissioned by Mr. Jim Rankin, the CEO of Qualitas Holdings Corp.

Qualitas completed soil sampling in the area of the Target E. A total of 149 soil samples and one rock sample were taken.

The program was undertaken by Riley Pym and John Taylor of Mammoth Geological Ltd., the author's geological consulting company. The program was completed between September 3 and September 10, 2016. The author did not visit the site during this program, but conducted the 2015 exploration program.



Projection NAD 83 Zone 9

Figure 1. **Location**

RELIANCE ON OTHER EXPERTS

The author is not relying on a report or opinion of any experts. The ownership of the claims comprising the property and the ownership of the surrounding claims has been taken from the Mineral Titles Online database maintained by the British Columbia Ministry of Energy and Mines on November 3, 2016. The data on this site is assumed to be correct.

The section on the History of the property area has been taken from the British Columbia Ministry of Energy and Mines Assessment Files. The geological assessment reports have been written by competent geologists and engineers according to the industry standards of the day. The rock, soil and silt analyses were completed by reputable Canadian assay labs, in accord with the industry standards of the day.

PROPERTY DESCRIPTION AND LOCATION

The Tahsis Property is located on TRIM claim sheets 092E087, 092E097, 092L007, which lie on portions of National Topographic System map sheets 092E and 092L in the Nanaimo Mining Division (Figures 1 and 2). The property consists of 5 claims totaling 4865.53 hectares. The geographic center of the property has map coordinates 668500E 5532000N in UTM ZONE 9 in map datum NAD 83.

The claims were acquired by map staking by Qualitas Holdings Corp. Qualitas optioned the Tahsis claims (Table 2 and Figure 2) to Sojourn Ventures Inc. on April 22, 2013 under the following terms:

- $20,000 on signing (paid)
- $30,000 and issuance of 400,000 shares within 7 days of TSX.V approval (July 25, 2013) (paid and issued)
- issuance of a further 250,000 shares on first anniversary of TSX.V approval (issued)
- complete $200,000 in exploration by the first anniversary of TSX.V approval, $100,000 of which must be completed by September 1, 2013 ($103,607 incurred in 2013; incurred a further $35,364 in September 2015)
- issuance of a further 250,000 shares on second anniversary of TSX.V approval (issued)
- complete an additional $200,000 in exploration by the second anniversary of TSX.V approval, (not yet incurred)

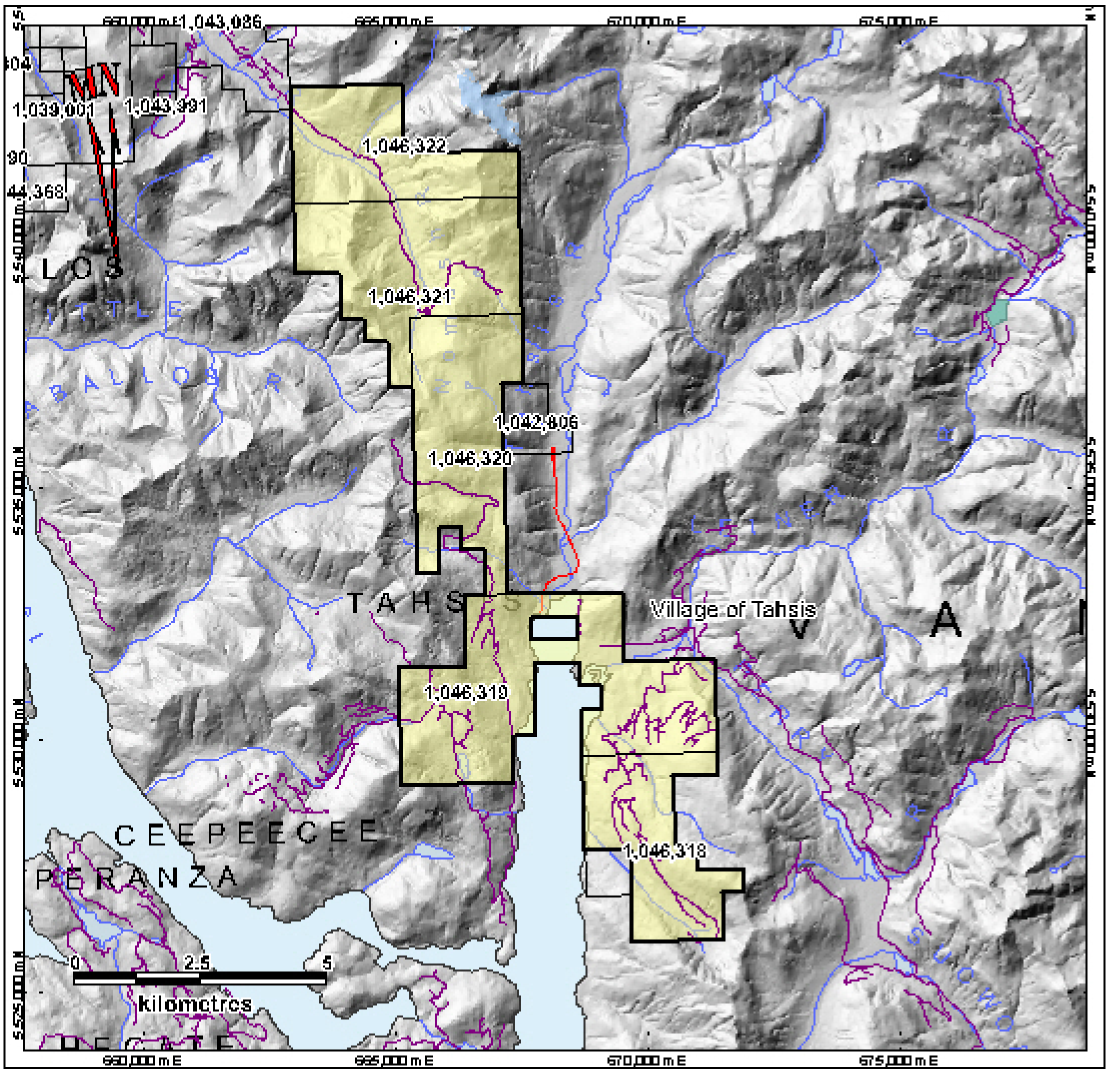
Upon completion of the terms, Sojourn will hold a 100% interest in the Tahsis claims, subject to a 3% Net Smelter Return Royalty (NSR). Sojourn can obtain up to 2/3 of the NSR by paying Qualitas $1,000,000 for each of the two thirds prior to commercial production.

Sojourn Ventures Inc. is currently in default as the required exploration expenditures have not yet been met.

The author is not aware of any environmental liabilities associated with the Tahsis property. The recommended work program will be airborne geophysics which does not require a permit. In the event the airborne geophysics program is successful, a diamond drilling program will be the next step. This program will require a permit that according to the British Columbia Ministry of Energy, Mines and Petroleum Resources should take 6 months or less.

Table 1. List of Tenures

Tenure Number	Claim Name	Owner	Map Number	Issue Date	Good To Date	Area (ha)
1046318	TAS 1	247642 (100%)	092E	2016/aug/29	2018/jan/15	707.87
1046319	TAS 2	247642 (100%)	092E	2016/aug/29	2018/jan/15	1456.57
1046320	TAS 3	247642 (100%)	092E	2016/aug/29	2018/jan/15	935.47
1046321	TAS 4	247642 (100%)	092E	2016/aug/29	2018/jan/15	1038.75
1046322	TAS 5	247642 (100%)	092E	2016/aug/29	2018/jan/15	726.86
						4865.53



UTM NAD 83 Zone 9 **Figure 2. Claim Location (092E087, E097; 092L007)**

The author is not aware of any other significant factors or risks that may affect access, title or the right or ability to perform work on the Tahsis property.

ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Tahsis property lies proximal to the village of Tahsis, which lies 105 kilometres west of Campbell River, British Columbia. Road access to the south block is via Highway 28 west from Campbell River to the village of Gold River a distance of approximately 89 kilometres and then by the Head Bay Forest Service Road from Gold River to Tahsis a distance of approximately 62 kilometres. This road runs through Tenure 832223. Logging roads branching to the south and the north of Tahsis provide access to the much of the southern section of the claim block up to Tenure 1021413. The village of Tahsis is located on tidewater at the head of Tahsis Inlet.

Access to the northern section of the north claim block is via Nomash Mainline from the Zeballos road. The Zeballos road leaves Highway 19 approximately 151 kilometres north of Campbell River or 78 kilometres south of Port Hardy. Nomash Mainline logging road leaves the Zeballos road approximately 30 kilometres south from Highway 19 or 12 kilometres north of Zeballos. The north claim block lies at kilometre 7 along Nomash Mainline. The spur roads are deactivated and movement through this section of the north block is extremely difficult.

The topography relief on the Tahsis property is extremely rugged, ranging from sea level at Tahsis Inlet to 1400 metres in the northern portion of the claim block. The vegetation is thick and dense and consists of cedar, hemlock and spruce, with alder, willow and salal underbrush. The area is actively being logged, so there are numerous cut blocks in various stages of regrowth.

In this part of the province the climate is typical of coastal British Columbia. Summers are generally warm and dry, though fog can present issues with air transport. Winters are mild and very wet. The snow line is generally in the area of 400-700 metres during the period December through February so work in those months must be confined to the lower slopes.

The claims appear to lie largely on crown land except in the immediate area of the village of Tahsis. At this stage of the exploration of the Tahsis property, 0811120 BC has not commenced a search of the British Columbia Land Titles Office to determine surface ownership of these individual surface parcels. In the event surface exploration is successful, power is available via the lines to Zeballos and Tahsis. Water is available from the numerous creeks transecting the property. Mining personnel would be available in Campbell River or Port Hardy, two to three hours away. At this stage of the exploration program, Sojourn has not commenced surveys to determine potential tailings storage areas, potential waste disposal areas, heap leach pad areas or potential processing plant sites.

HISTORY

The Tahsis area has a long exploration history due to its proximity to the Zeballos Gold Camp, approximately 25 kilometres to the northwest. In the Zeballos Gold Camp, 13 deposits produced a total of 287,811 ounces of gold and 124,700 ounces of silver from as early as 1930 until 1948 (Hoadley, 1953). One producer, Privateer, accounted for 154,381 ounces of gold and 60,878 ounces of silver. A total of 285,771 tons of ore was mined from Privateer's five main veins, of which 158,332 tons was milled. Twelve other producers accounted for the balance of production with total outputs ranging from 54,000 ounces of gold to 5 ounces of gold. The British Columbia Ministry of Energy Mines and Petroleum Resources MINFILE database lists 33 lode gold deposits and occurrences in the Zeballos Gold Camp, all of which are associated with quartz veining. Along with free gold, other associated minerals included pyrite, arsenopyrite, calcite and chalcopyrite with occasional galena and sphalerite. The geology of the Tahsis area is similar to the Zeballos camp, making it a favourable exploration target.

Exploration has spilled southeast from Zeballos into the Tahsis River Valley and further to the southeast following the Eocene Mt. Washington intrusive plugs, the host rocks of much of the Zeballos mineralization. There are several mineral occurrences on old crown granted mineral claims in the area of the Tahsis claims, though none of them lie within the present Tahsis property boundary. These include the Star of the West and Independence claims located within the small block of claims northwest of Tahsis excluded from the current Tahsis property and immediately to the east of the Tahsis property, respectively. The Independence is auriferous quartz veins while the Star of the West is a gold-copper skarn in Quatsino limestone.

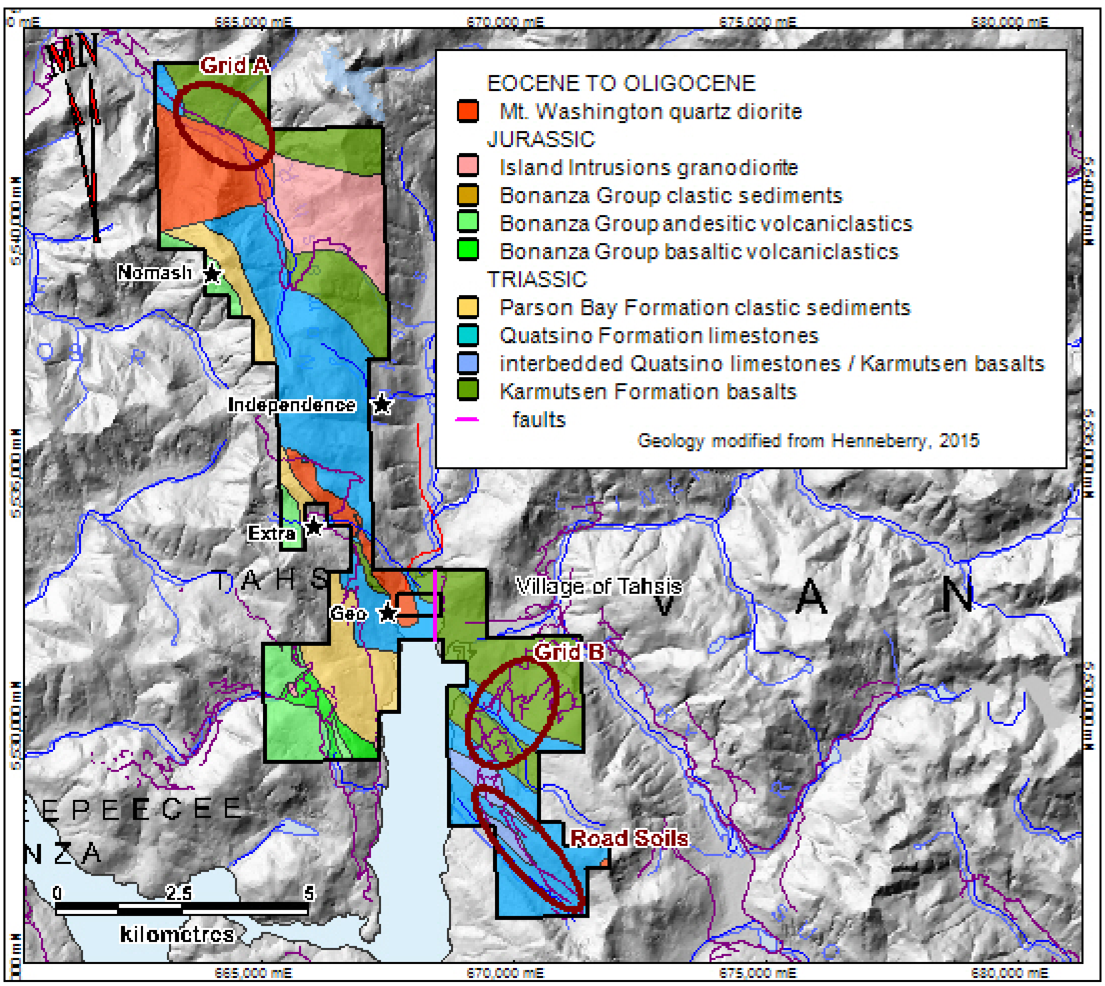
The area around the old Independence workings, immediately east of the north central portion of the present Tahsis property, has been explored at regular intervals since the early 1980’s. The first program was completed by property owner Peter Peto in 1983. A total of 15 rock samples, 4 silt samples and 9 soil samples were collected by various company geologists during the summer of 1983, divided between the Star of the West and the Independence claims (Peto, 1983).

North American Ventures Ltd. explored the Independence claim in 1987. They flagged a grid, collected 290 soil samples at 100 metre intervals along north-south lines paced 50 metres apart and then ran magnetometer and VLF-EM surveys over the grid lines. A subsequent review of the data showed the grid lines stopped well short of the projected location of the Independence veins. (Stephenson, 1987).

Landon Resources Ltd. completed a two year exploration program on the Star of the West workings and surrounding area in the early 1990’s. This includes the small block of ground entirely surrounded by the present Tahsis property in the west central portion of the claim block. The initial 1990 program (Nelles, 1990) consisted of 12.6 line kilometres of magnetometer surveying, 6.2 line kilometres of Induced Polarization surveying, 32 rock samples, 8 heavy mineral samples, 7 petrographic analyses, geological mapping and two NQ diamond drill holes totaling 243 metres. The follow up 1991 program (Coombes, 1992) consisted of reconnaissance geological mapping at a scale of 1:5,000 (approximately 550 hectares); detailed geological mapping at a scale of 1:1,000 (approximately 60 hectares); grid construction (9,010 metres with 10m station intervals); soil (253 samples, of which, 213 were analyzed) and rock (22 samples) geochemical sampling; ground magnetometer geophysical surveys (14,910 metres at 10 metre intervals); and very low frequency electromagnetics (VLF-EM) geophysical surveys (11,280 metres at 10 metre intervals).

These programs found three showings: the Poole Creek skarn area, where pyrite usually occurs as disseminations and fracture fillings associated with quartz, calcite, epidote and chlorite veining, and pyrrhotite and chalcopyrite predominantly occur as disseminations and fracture fillings; the Open Cut Zone, where semi-massive mineralization, including fracture-related chalcopyrite, is hosted by open tensional fractures between two north-northwesterly striking and steeply dipping strike-slip faults along the diorite-limestone contact; and the Adit Zone, where semi-massive pyrite and chalcopyrite mineralization at the intrusive contact of a northerly striking andesite dyke. (Coombes, 1992).

Diakow (1996a) staked the Extra claim to cover the Star of the West showings in 1996. He also staked a second block, the Geo claim, on the western side of Tahsis Inlet, now covered by the southwest portion of the present Tahsis property (Diakow, 1996b). Rock sampling programs, consisting of 7 rock samples from the Extra claim and a further 7 samples from the Geo claim, were conducted on each property.



UTM NAD 83 Zone 9

Figure 3. History

Colin Beach explored his Water claim on 1981, taking one rock sample and flagging a grid. Nothing of significance was noted, Beach (1981). Minfile reports that a sample collected from this property assayed 0.061% Cu, 0.8 grams per tonne silver and 0.035 grams per tonne gold. Neither Beach nor anyone else has been able to duplicate this sample or result. The ground comprising the long expired Water claim underlies some of the northwest section of the current Tahsis property including the old Nomash showing.

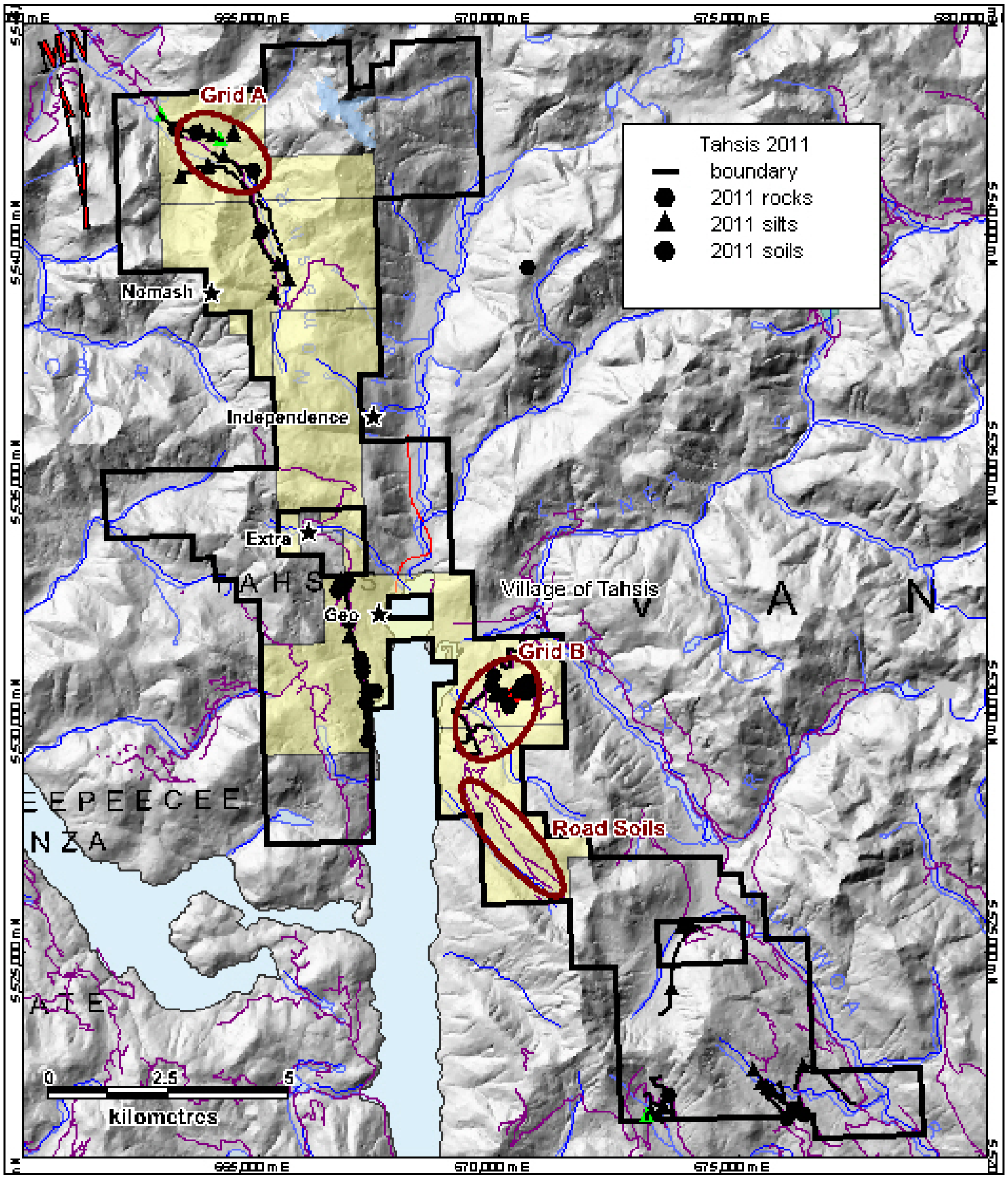
Four exploration programs were completed on the bulk of the present Tahsis property. The 2007 program was completed by Grand Portage Resources Ltd. The claims subsequently expired and were acquired by Qualitas Holdings Corp., the property vendor, in 2011. They optioned the claims to Gold Ridge Resources Ltd., who subsequently completed a 2011 program. Gold Ridge later returned the claims and Qualitas next optioned them to Sojourn Ventures Inc. in 2013. Sojourn completed a program in 2013 and a second program in 2015 before returning the claims to vendor when they decided to move in a different direction. Three target areas were identified: Grid A, Grid B and the Road Soils Area (Figure 3).

Grande Portage completed a 2007 exploration program of airborne geophysics, property wide stream sediment sampling, supplemental soil sampling and limited rock sampling (Raven and Nelson, 2008). The airborne time domain electromagnetic and caesium vapour magnetometer survey ran into a month of poor weather and only 162.7 of the planned 1443 line kilometres were actually flown. No maps were produced due to lack of data. The stream sediment sampling program was confined to accessible areas of the property and consisted of 14 moss-mat silt and 236 conventional silt samples, identifying four areas for follow-up: Targets A through D. A total of 78 soil samples were taken in areas were stream drainages were minimal. The sampling assisted in confirming Targets A and D and suggested Target B could be larger in scope than suggested by the silt sampling. While at total of 26 rocks samples were reported as taken by Raven and Nelson (2008) assay results were only provided for 15 samples. Descriptions of the rock individual rock samples were not provided in the 2008 report, so it is unknown if the samples were float, grabs or chips.

Table 2. Summary of Tashis Property Programs

Company	Year	Road Soils	Grid soils	Silts	Rocks
Gold Ridge	2011	619		34	42
Sojourn	2013	176	691	2	3
Sojourn	2015	108		24	14

Gold Ridge Exploration Corp. explored the present Tahsis claim block in the spring of 2011, completing a preliminary exploration program consisting of: 619 road soil samples, 42 rock samples and 34 silt samples testing 4 target areas identified by earlier operators. They had exploration success at Target A, located on both sides of Nomash Creek valley on the north claim block, returning elevated gold and copper values from soils and silts and at Target B, located to the east of the head of Tahsis Inlet, returning elevated gold and copper values from rocks and soils. Gold Ridge completed very limited sampling at Target C and Target D (Robb, 2011).

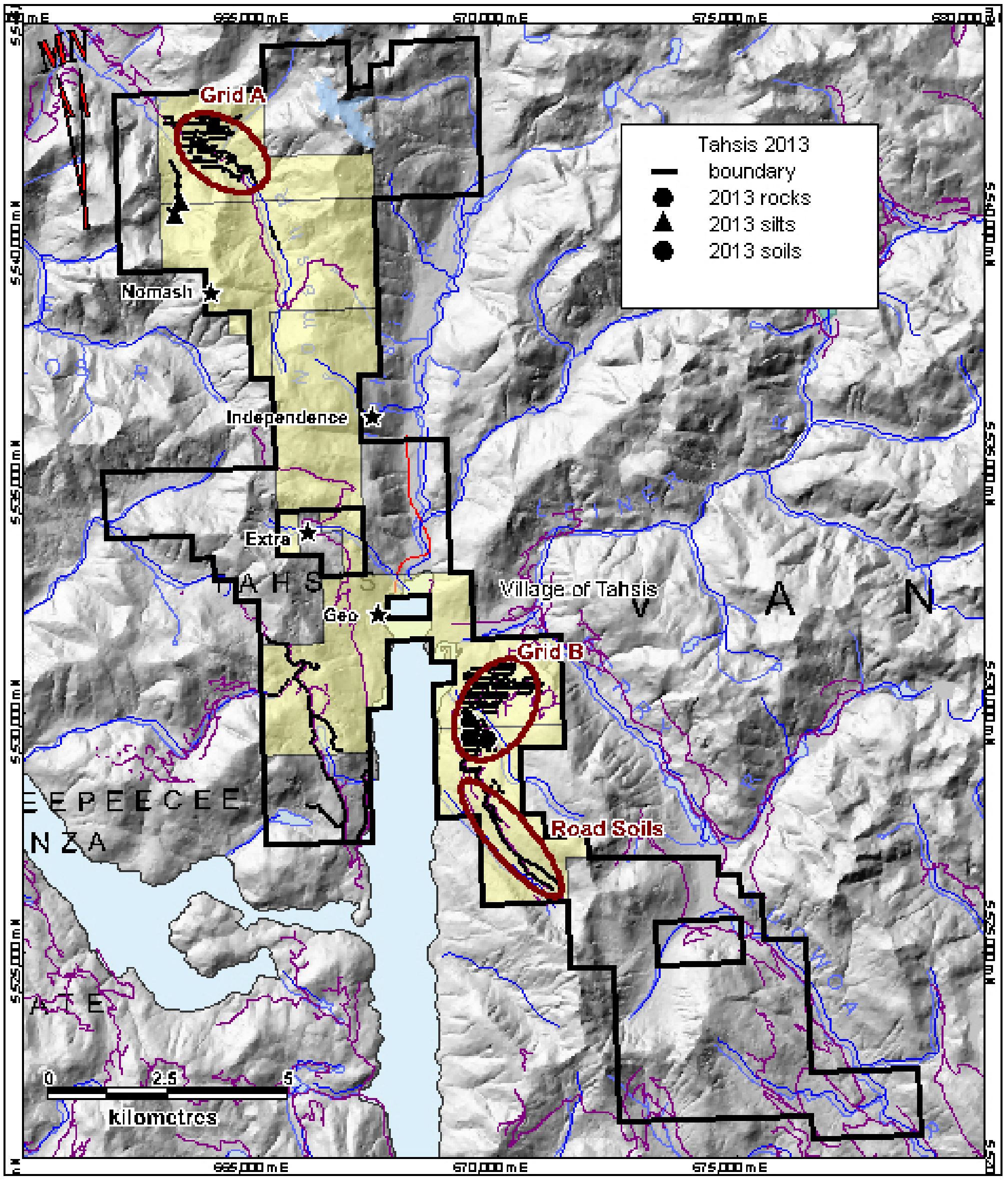


UTM NAD83 Zone 9 **Figure 4a. Tahsis 2011 Exploration Program**

Sojourn Ventures Inc. undertook grid soil sampling programs at Target A and Target B in the summer of 2013. Extremely difficult ground conditions significantly curtailed the size of the proposed soil grids and lead to a program of road soil sampling to meet the exploration expenditures required under the option agreement. Grid and road soil sampling in the Target A area located a continuously anomalous 950 metre section of road at the top end of the grid, with gold-in-soil ranging from a minimum of 15 ppb to a maximum of 1672 ppb and copper-in-soil values ranging from a minimum 119 ppm of to a maximum of 1651 ppm.

Grid and road soil sampling in the Target B area located two clusters of anomalous gold and copper in soil: cluster 1 – approximately 450 metres north south by 500 metres east west and cluster 2 – approximately 1300 metres east west by 250 metres north south. Road soil sampling in the southwestern end of the claim block located anomalous gold and copper in soil values as the south end of Target D was approached at the extremity of the sampling program.

Program statistics were 691 grid soils, 176 road soils, 2 moss mat stream sediment samples and 3 rock samples. (Henneberry, 2013).

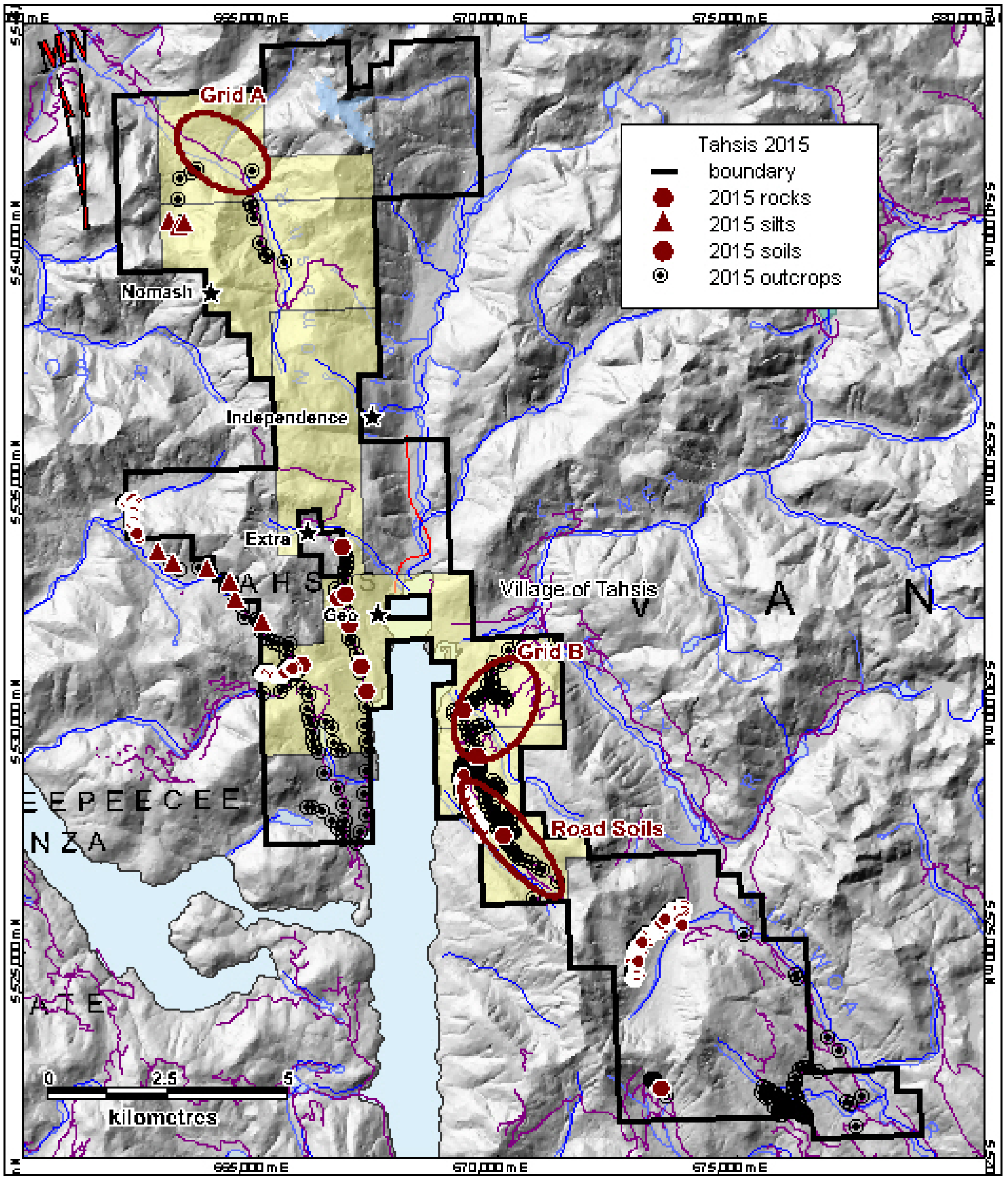


UTM NAD83 Zone 9 **Figure 4b. Tahsis 2013 Exploration Program**

Sojourn completed a second program of local road soil sampling, stream sediment sampling, rock sampling and preliminary geological mapping in 2015. A total of 108 road soil samples, 1 moss mat stream sediment sample, 23 conventional stream sediment samples and 14 rock samples were taken and 352 outcrop locations were logged during the July 2015 exploration program.

This exploration allowed downsizing of the property by allowing some of the peripheral area claims to expire. (Henneberry, 2015).

The Grid A soil sampling concentrated in the area of the 2011 road Au-in-soil and Cu-in-soil anomalies in the northern claim block. The bush conditions were extremely difficult so the planned 200 metre by 50 metre sample grid was not possible. The sampling concentrated on the severely overgrown roads cutting through the grid and lines along the proposed grid wherever possible. The results are plotted as Figures 5a and 5b.

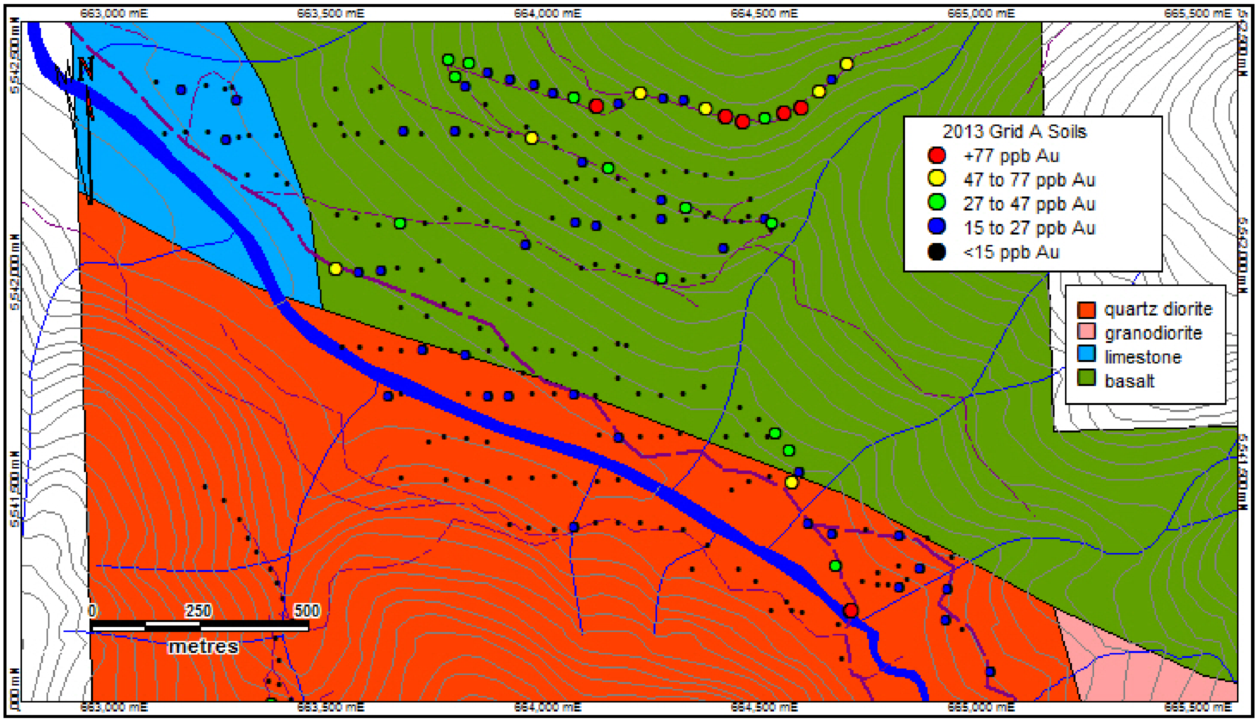


UTM NAD83 Zone 9 **Figure 4c. Tahsis 2015 Exploration Program**

The gold plot (Figure 5a) shows scattered spot anomalies throughout the portion of the grid that was established. More importantly, it strongly suggests a significant zone of continuous of Au-in-soil values along an overgrown road on the northern end of the grid. The continuous 950 metre section of road contained Au-in-soil values ranging from a minimum of 15 ppb to a maximum of 1672 ppb and Cu-in-soil values ranging from a minimum 119 ppm of to a maximum of 1651 ppm. (Table 4).

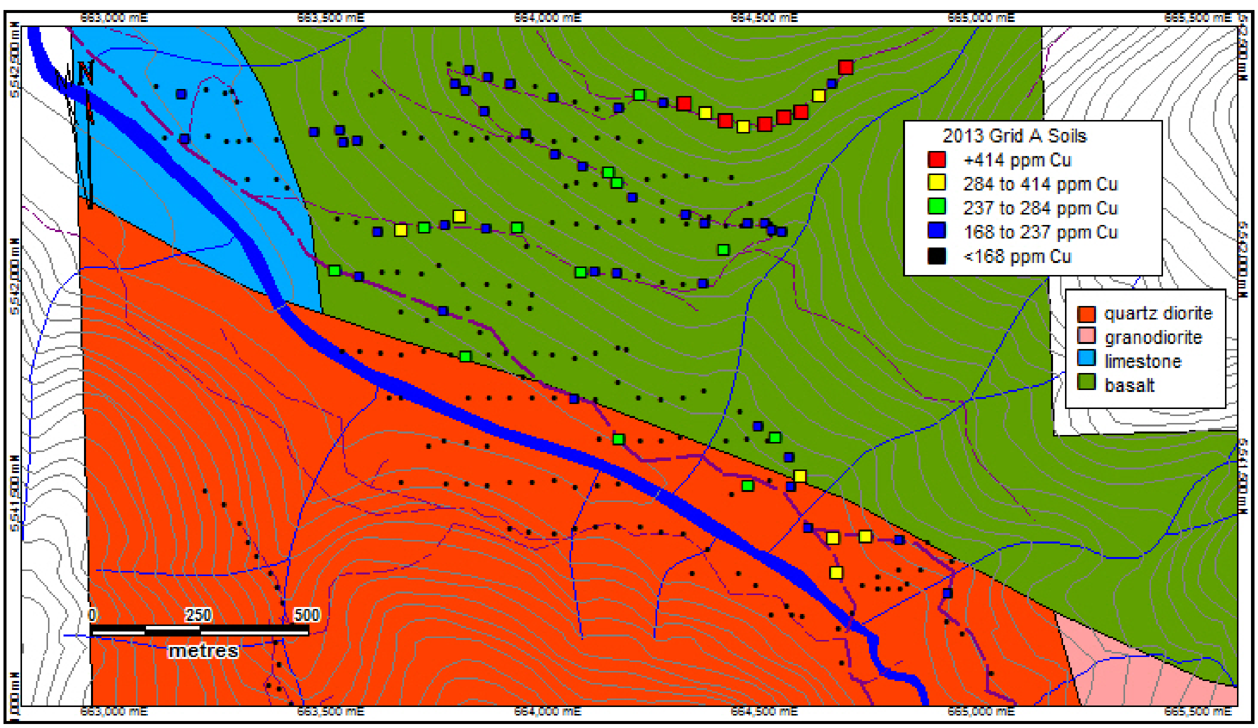
The Target A Cu-in-soil plot (Figure 5b) again shows considerable scatter through the part of the grid that was established. The overgrown road at the north end of the grid also appears to be strongly anomalous in copper over the same 950 metre section that is anomalous in gold. This area is a highly attractive target. This area of the property appears to be underlain by Karmutsen volcanics.

The Target B soil sampling concentrated in the area of the 2011 road Au-in-soil and Cu-in-soil anomalies in the southern claim block. The bush conditions were extremely difficult so the planned 200 metre by 50 metre sample grid was not possible. The sampling concentrated for the most part on the lower slopes which proved to be somewhat more accessible. The results are plotted as Figures 6a and 6b.



UTM NAD 83 Zone 9

Figure 5a. Grid A Gold In Soil

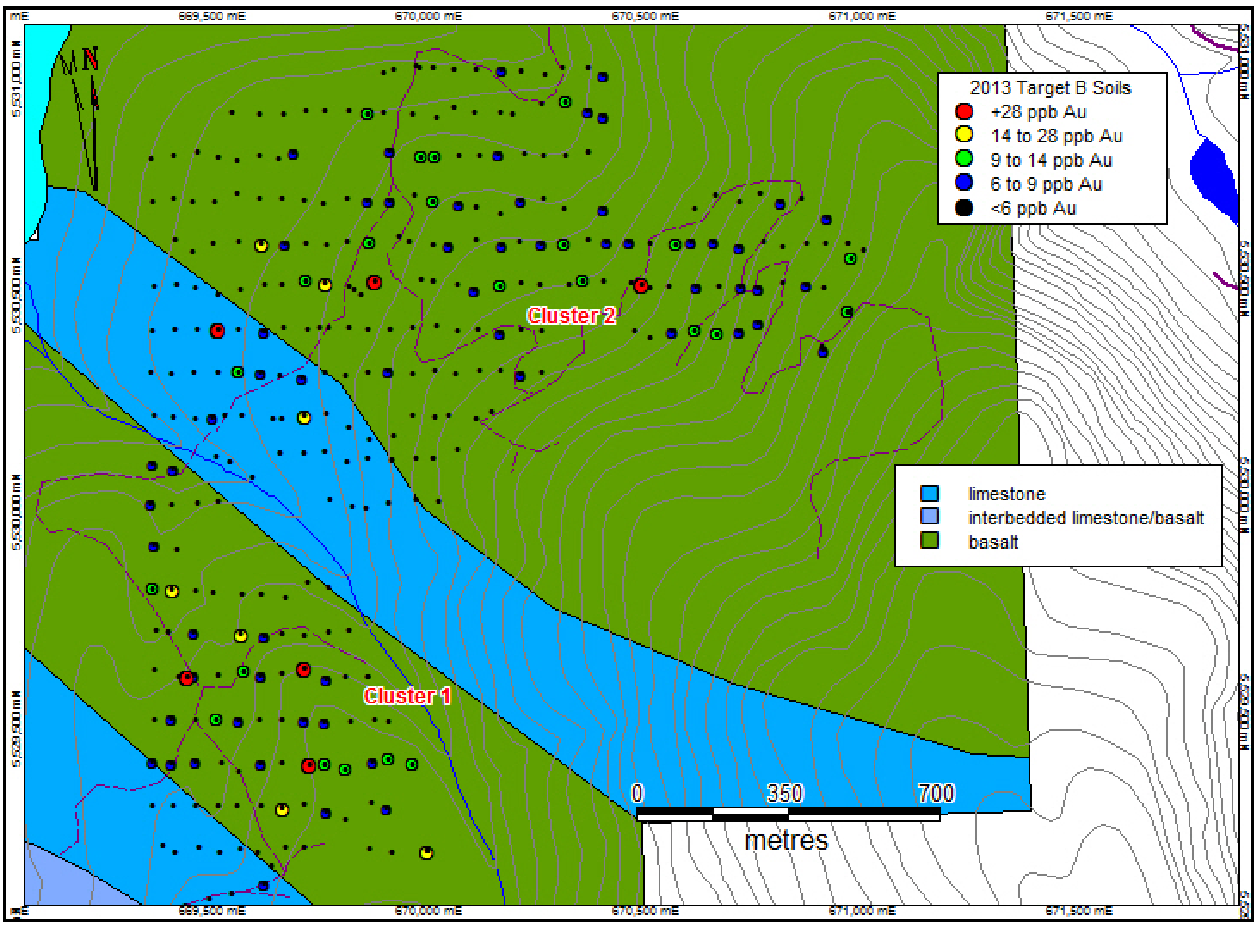


UTM NAD 83 Zone 9

Figure 5b. Grid A Copper In Soil

Table 3. Grid A Zone on Anomalous Road Soils

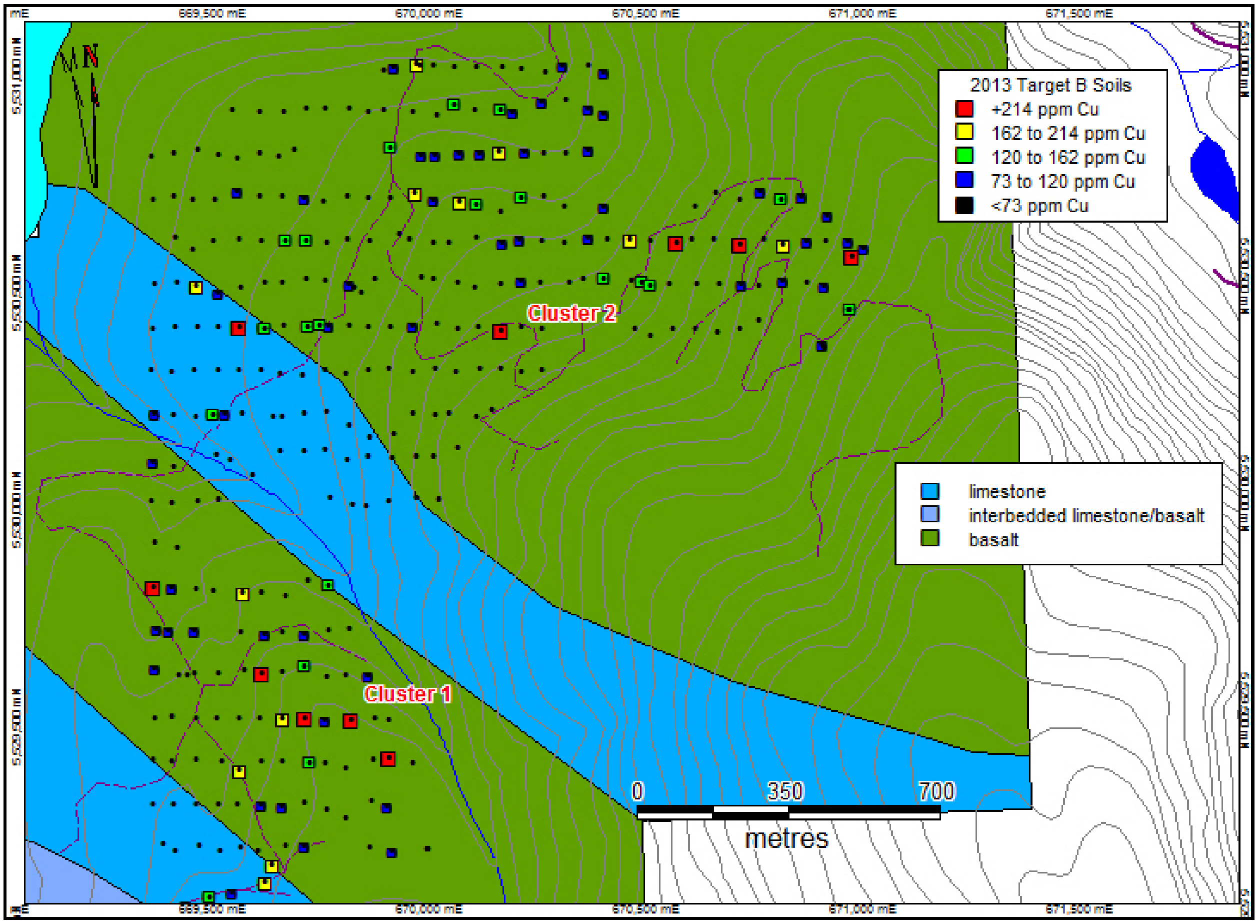
Sample No	ppm Cu	ppb Au	Sample No	ppm Cu	ppb Au	Sample No	ppm Cu	ppb Au
KW 009	179	16	KW 005	120	38	JT 067	756	1672
WR 020	236	35	KW 006	134	78	JT 068	392	323
WR 019	129	38	KW 007	208	19	JT 069	563	46
WR 018	207	28	KW 008	258	53	JT 070	1651	268
WR 017	236	20	JT 064	173	15	JT 071	473	84
KW 002	215	20	JT 065	433	23	JT 072	350	50
KW 003	149	19	JT 066	306	55	JT 073	227	18
KW 004	207	23				JT 074	749	77



UTM NAD 83 Zone 9 **Figure 6a. Grid B Gold In Soil**

The initial observation from the sampling in this area is the gold and copper values are half of what they were in the Target A area. The geology in this area is Karmutsen volcanics and Quatsino limestones, in comparsion to the Karmutsen volcanics and Mt. Washington suite intrusives at Grid A.

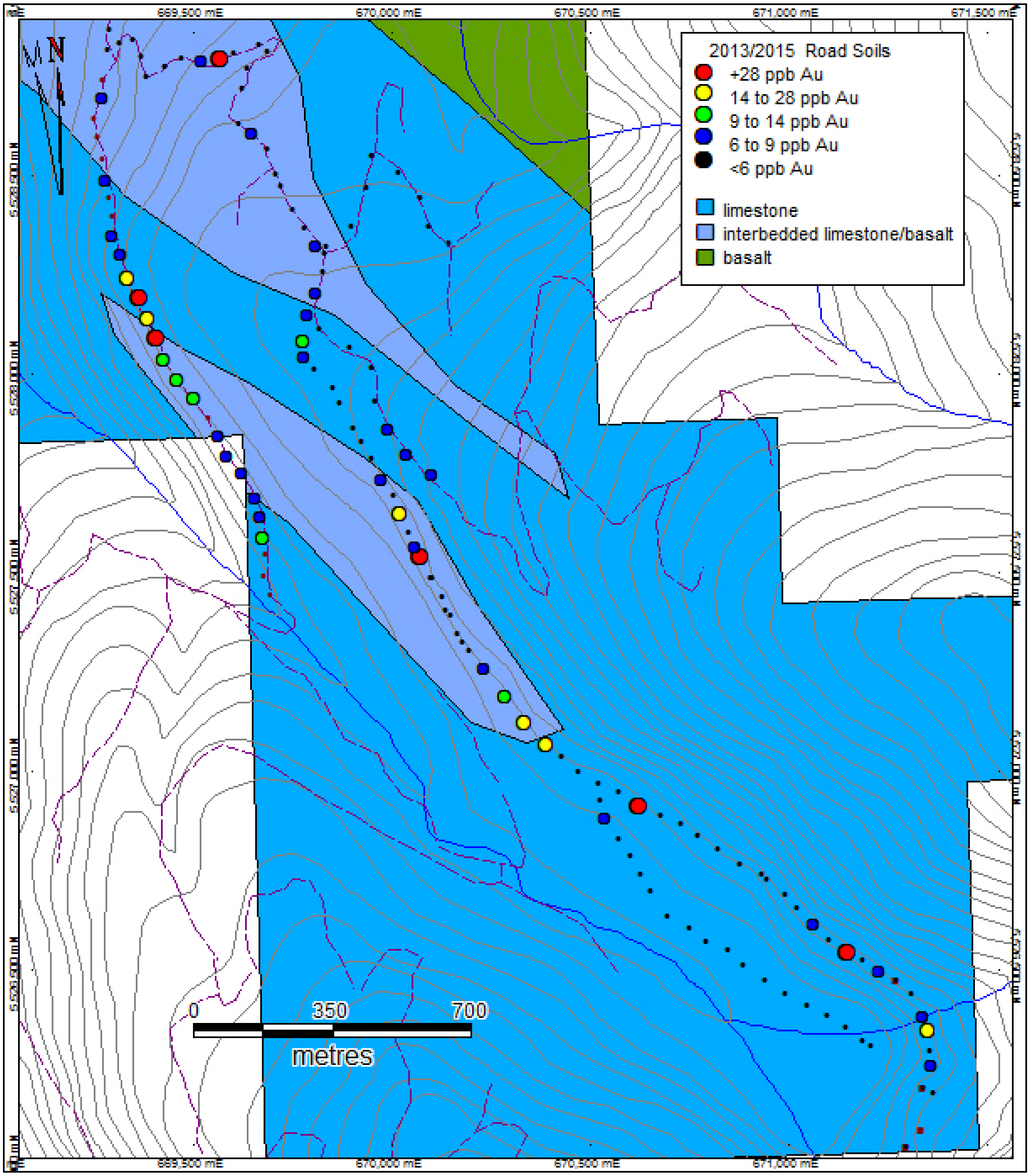
Grid B is associated with the contact between the Quatsino limestone and Karmutsen volcanics. Two cluster anomalies were clearly identifying during the 2013 grid soil sampling. Cluster 1 is approximately 450 metres north south by 500 metres east west and appears to lie on the lower slopes of a relatively gentle ridge. Cluster 2 is approximately 1300 metres east west by 250 metres north south and stretches down the west facing slope.



UTM NAD 83 Zone 9 **Figure 6b. Grid B Copper In Soil**

The gold plot (Figure 6a) show scatter throughout the grid, but also seems to have identified two anomalous clusters. Cluster 1 is in the southwest portion of the grid within the limestones and Cluster 2 appears to be a loosely defined zone trending through the centre of the grid.

The copper plot (Figure 6b) appears to replicate the gold plot in that both Cluster 1 and Cluster 2 are clearly identifiable. Cluster 1 is approximately 450 metres north south by 500 metres east west and appears to lie on the lower slopes of a relatively gentle ridge. Cluster 2 is approximately 1300 metres east west by 250 metres north south and stretches down the west facing slope.



UTM NAD 83 Zone 9

Figure 7. Road Soil Gold In Soil

Table 4. Road Soil Area Anomalous Road Soils

Sample No	ppm Cu	ppb Au	Sample No	ppm Cu	ppb Au	Sample No	ppm Cu	ppb Au
26357	41	14	26362	45	9	26368	44	18
26358	85	7	26363	9	2	26369	122	146
26359	62	10	26364	89	12	26370	52	24
26360	50	6	26365	26	12	26371	15	8
26361	80	7	26366	88	11	26372	31	6
			26367	82	90			

A third area of interest lies to the south of Grid B in the road soil area, where a zone of anomalous gold in soil was located in 2015 in the same area where anomalous values were found in 2013. The plot is shown in Figure 7. A 450 metre section of 50 metre spaced road soil sampling contains gold values ranging from a low of 6 ppb Au to a high of 146 ppb Au. Additional values of 9, 7, 6 and 14 ppb occur further to the south. Sampling in 2013 returned a 150 metre section with values of 7, 17, 23, and 27 ppb Au a kilometre to the southeast. The gold values look to be associated with an area of interbedded Quatsino limestone and Karmutsen basalt. There were no anomalous zones in the copper in soil so a copper plot was not done.

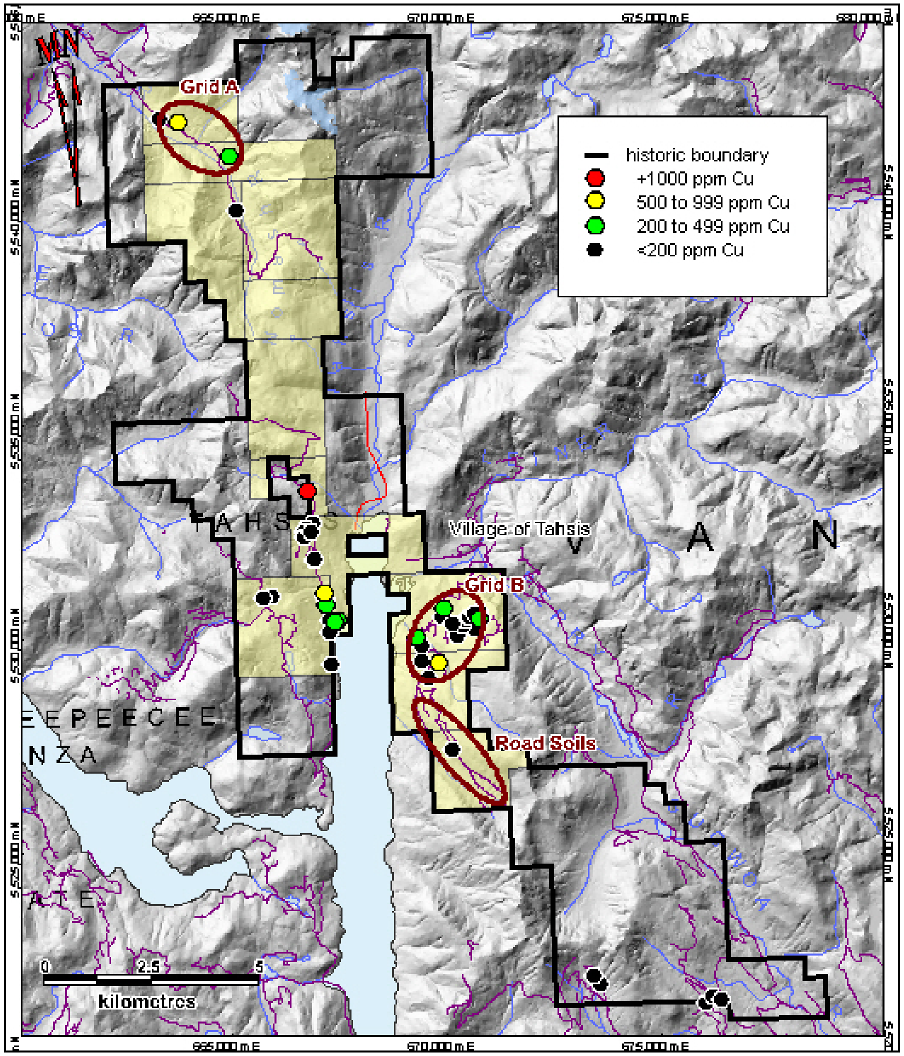
The rock and silt samples taken from the 2011, 2013 and 2015 programs have been compiled and are presented as Figure 8a through 9b. A total of 59 rocks were taken over the three programs. Two samples stood out. A vuggy quartz pod showing copper oxides was located in the Karmutsen basalts in the area of Grid B. A grad sample of the zone returned as value of 1.075% copper. A rusty shear zone in the general area of the Extra showing returned a value of 3375 ppm copper. (Figure 8a). A brecciated, 1 to 15 centimetre wide quartz carbonate vein with traces of disseminated fine grained pyrite returned a value of 738 ppb Au and a brecciated quartz stockwork zone in the same area returned a value of 393 ppb Au. Both samples lie within the Grid B area. (Figure 8b).

A total of 61 stream sediment samples were taking over the three programs (Figure 9a and Figure 9b). One area of anomalous copper values was located in the northwest corner of the property along the eastern contact of the Zeballos pluton. This area was also anomalous in gold and led to the establishment of the soil grid at the Grid A target. Other spot or cluster gold anomalies were located in areas of the originally southern claims that were abandoned when the property was downsized.

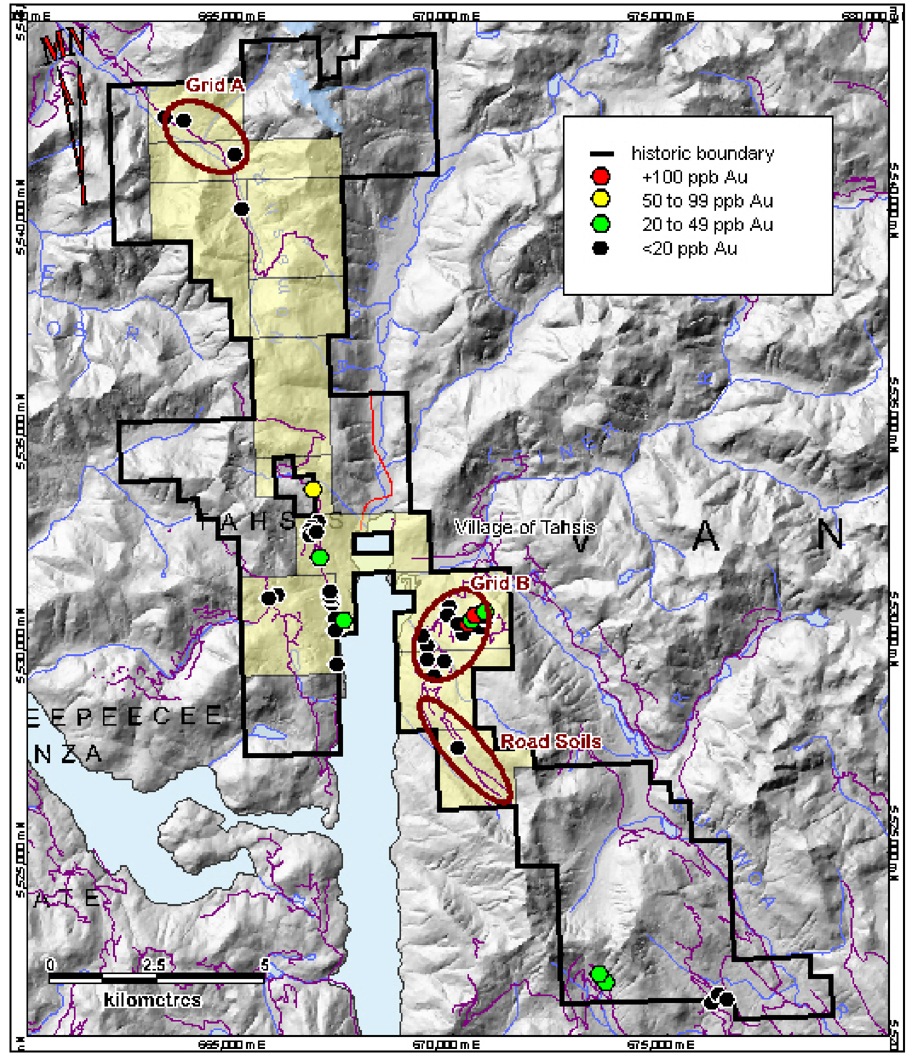
GEOLOGICAL SETTING
(Muller et al, 1974; Muller et al, 1981)

The geology of northeast Vancouver Island has been described by Muller et al (1974) and Muller et al (1981). The area is located within the Insular Belt of the Canadian Cordillera. The map area is chiefly underlain by the middle to upper Triassic Vancouver Group, overlain by the lower Jurassic Bonanza Group. The Vancouver Group is intruded by large and small bodies of middle Jurassic Island Intrusions. The region may be divided into several large structural blocks, separated mainly by important near-vertical faults and themselves fractured into many small fault segments (Figure 3).

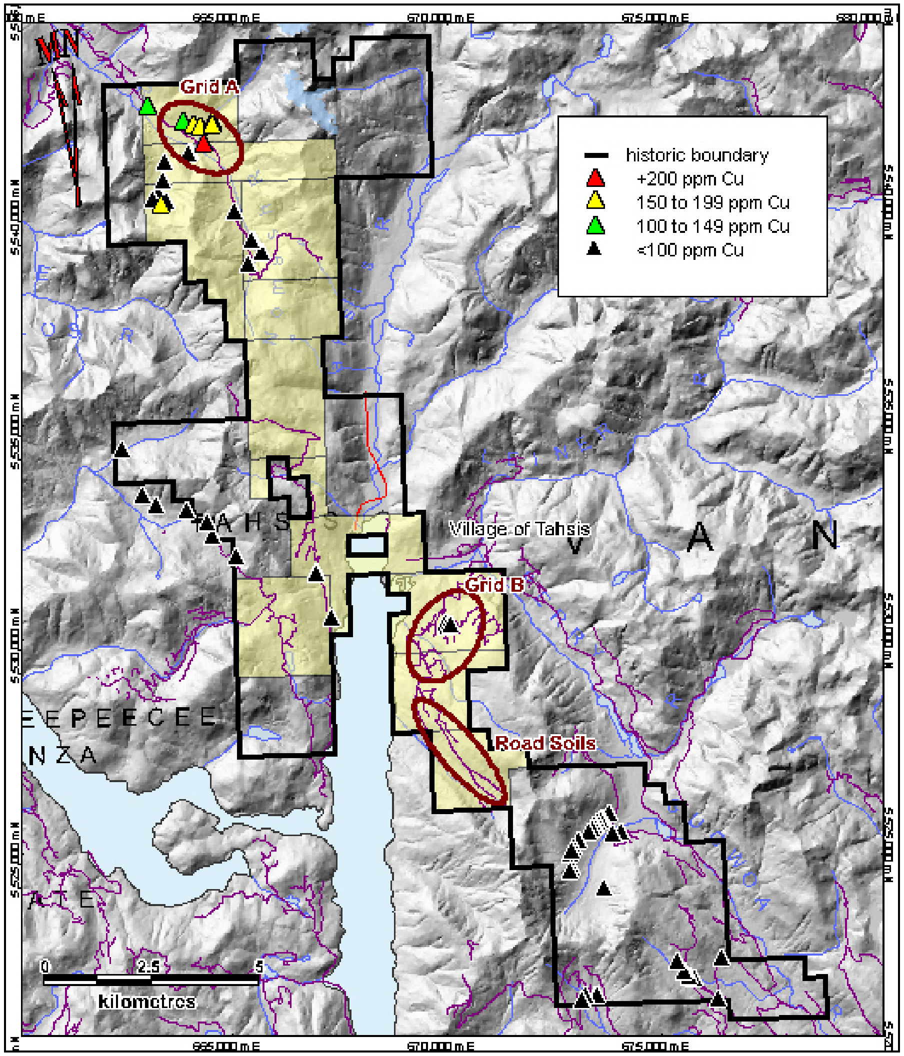
The Vancouver Group is comprised of the lower Karmutsen Formation, middle Quatsino Formation and upper Parson Bay Formation. The Karmutsen Formation, the thickest and most widespread of the Vancouver Group formations, consists of basaltic pillow lavas, pillow breccias and lava flows with minor interbedded limestones, primarily in the upper part of the formation. Karmutsen rocks outcrop throughout northeastern Vancouver Island.



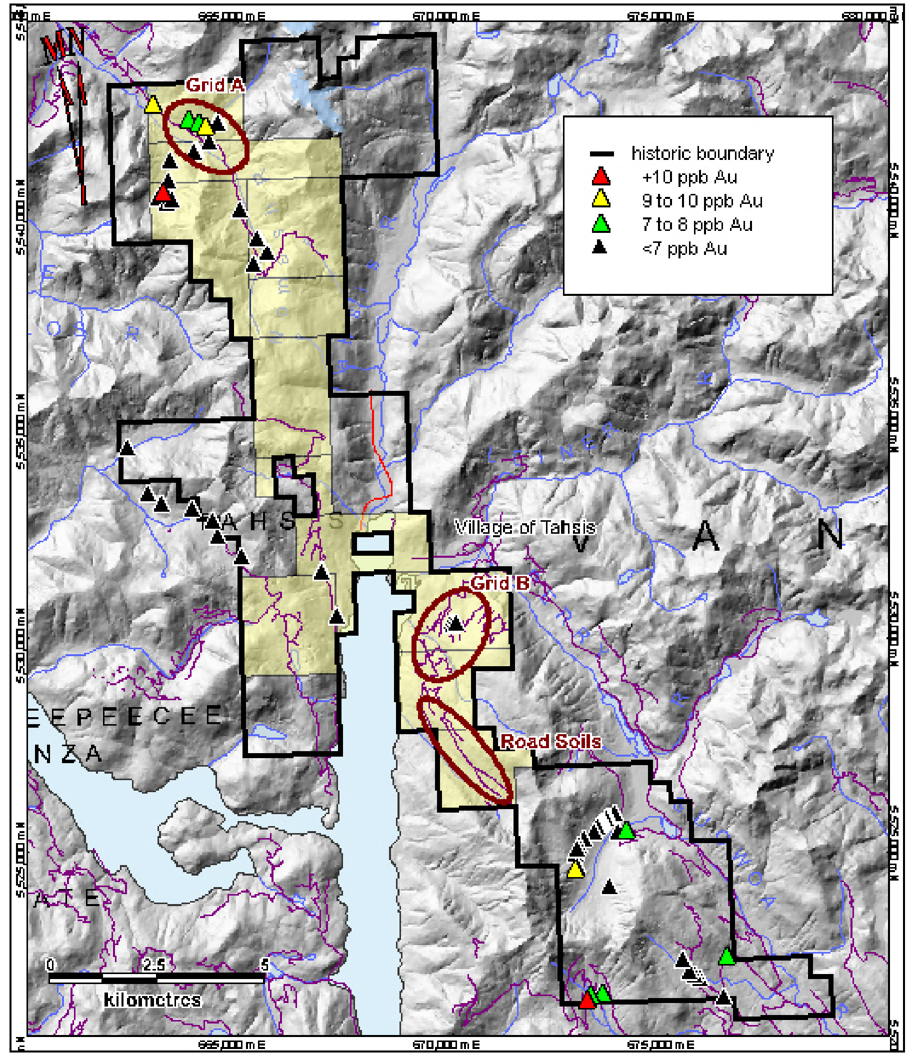
UTM NAD83 Zone 9 **Figure 8a. Qualitas Rock Samples Cu**



UTM NAD83 Zone 9 **Figure 8b. Qualitas Rock Samples Au**

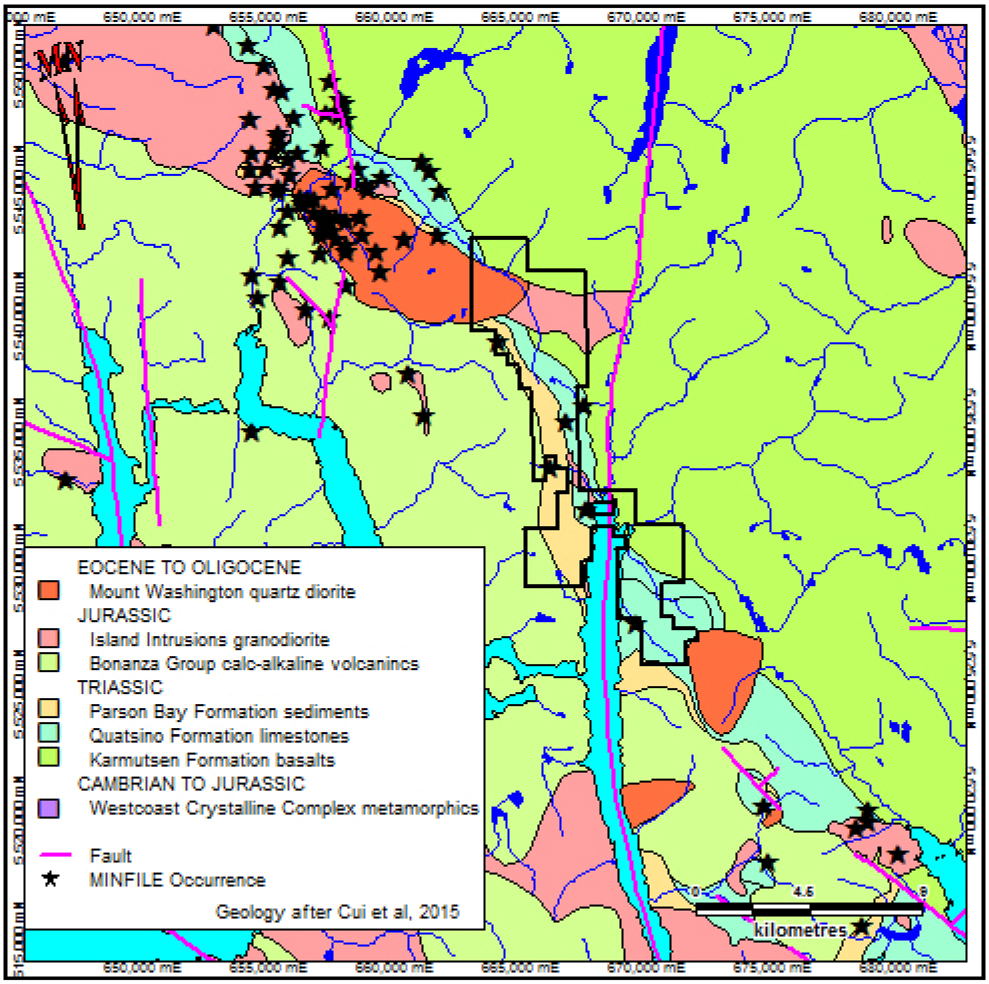


UTM NAD83 Zone 9 **Figure 9a. Qualitas Silt Samples Cu**



UTM NAD83 Zone 9 **Figure 9b. Qualitas Silt Samples Au**

The Quatsino Formation overlies the basalts. The lower part of the Quatsino Formation consists of thick bedded to massive, brown-grey to light grey, grey to white weathering, fine to microcrystalline, commonly stylolithic limestone. The upper part is thin to thick bedded, darker brown and grey limestone, with fairly common layers of shell debris. The formation is in gradational contact with the overlying Parson Bay Formation by an increase in layers of calcareous pelites. Quatsino limestone outcrops as three narrow belts in the northern part of Vancouver Island.



Projection NAD 83 Zone 9

Figure 10. Regional Geology

The Parson Bay Formation consists of a series of interbedded silty limestones and calcareous shales and sandstones, and occasional beds of pure limestone. Parson Bay rocks outcrop sporadically overlying the Quatsino limestone.

The Bonanza Group overlies the Vancouver Group. Bonanza Group rocks are primarily a Jurassic assemblage of interbedded lava, breccia and tuff with compositions ranging from basalt through andesite and dacite to rhyolite, deposited in a volcanic island arc environment. The Bonanza Group outcrops throughout the map area.

Granitoid batholiths and stocks of the Island Intrusions underlie the central core of Vancouver Island from one end to the other. These intrusions range in composition from quartz diorite and tonalite to granodiorite and granite. Island Intrusions outcrop throughout the map area.

There are local Eocene quartz diorite intrusions of the Mount Washington Intrusive Suite that are more prominent on the western side of Vancouver Island.

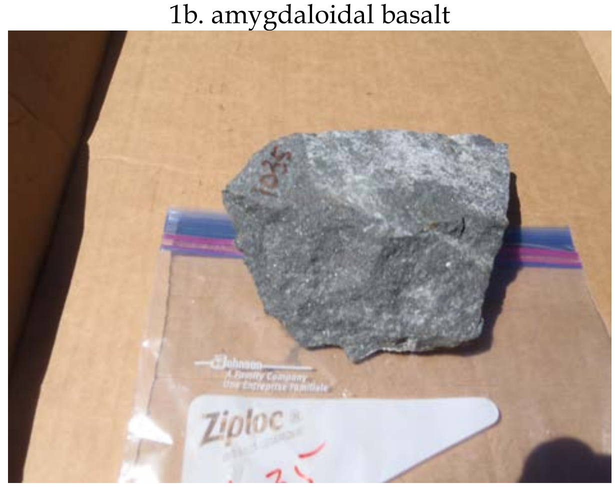
The network of faults displayed at the north end of Vancouver Island appear to be the super position of two or more fracture patterns, each with characteristic directions but of different age and origin.

Plate 1. Karmutsen Formation

1a. pillow basalts

1b. amygdaloidal basalt

1c. fracture epidote



1d. fine basalt

Tahsis Property Geology

The Tahsis property was mapped during the 2015 field program (Henneberry, 2015), concentrated on numerous logging roads in within the claim block with coverage ranging from excellent through to non-existent. In inaccessible areas, the British Columbia Geological Survey 2015 Digital Geology (Cui et al, 2015) was integrated into the mapping. In addition, Nelles (1990) mapping in the area northwest of the head of Tahsis Inlet was integrated into the mapping.

Outcrop is generally abundant as soon as the logging roads leave the valley bottoms, with long stretches of more or less semi-continuous to continuous outcrop common along several of the logging roads. A total of 352 distinct outcrop locations were documented.

The Tahsis property is underlain by Triassic Vancouver Group rocks, Jurassic Bonanza Group rocks and intrusions and Eocene Intrusions, with the Vancouver and Bonanza Group rocks trending in a southeast-northwest direction. The geology is more complicated than shown on the 1:250,000 scale maps of sheets 092E and 092L accompanying Muller et al's (1974) and Muller et al's (1981) reports.

The Triassic Vancouver Group rocks cover 3/5 of the claim block. Moving northeast to southwest the Karmutsen Formation basalts abut the eastern boundary of the property. The rock is generally grey black to black on weathered surface and dark grey black to black on fresh surface. These rocks range from fine grained to fragmental, with exposures of pillow basalts noted locally (Plate 1a). They are locally amygdaloidal (Plate 1b). Alteration ranges from fresh to weakly to moderately hematitic. Abundant fracture epidote was noted in several outcrops on the northeast side of Tahsis Inlet (Plate 1c). Disseminated pyrite in in concentrations ranging from traces to 1% to 2% was noted locally. Copper was noted and sampled at one location.

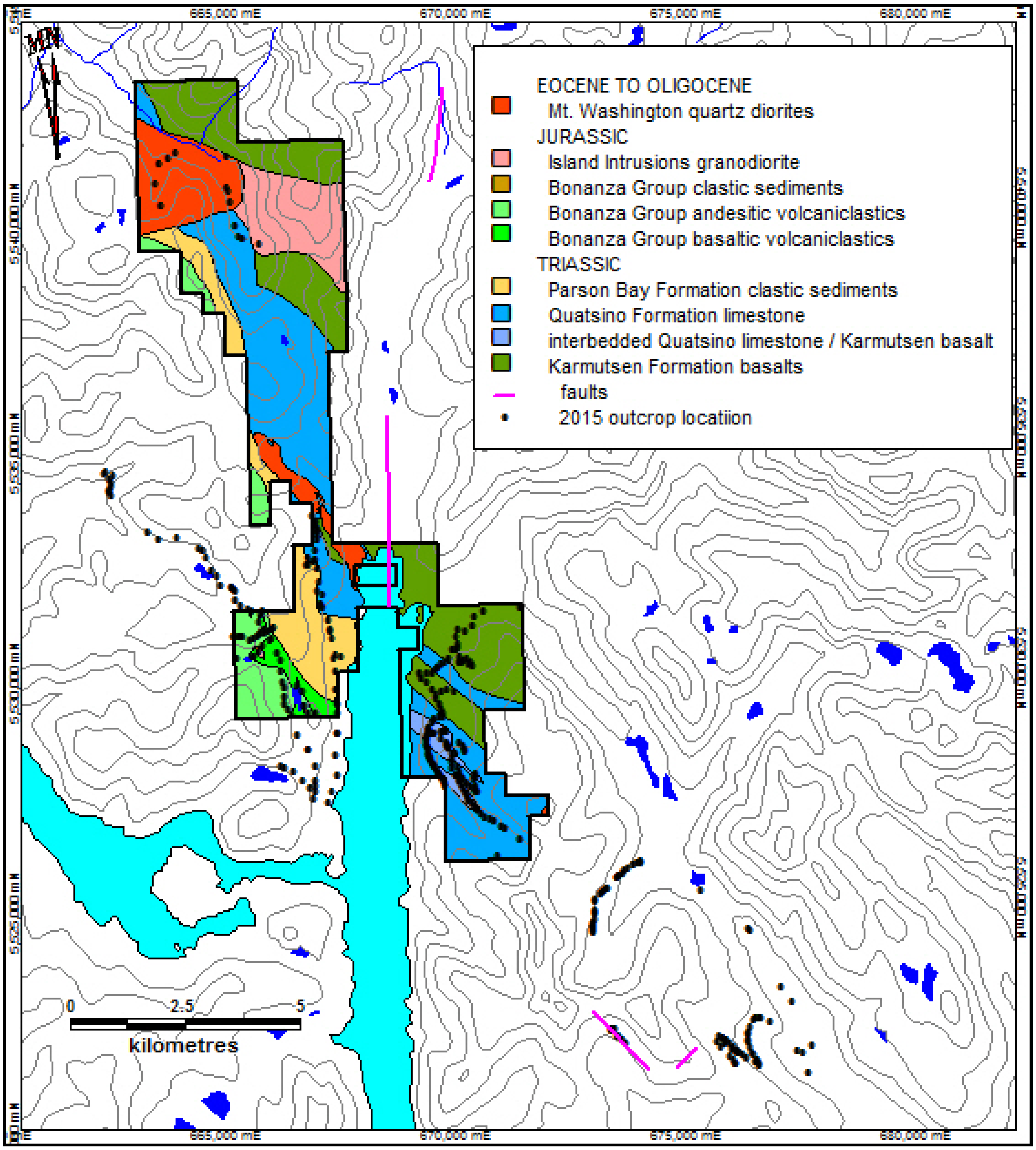
Two specimens were sent for petrographic analysis, one from the east centre of the claim block (WP904) and one from the southeast end of the claim block (WP1035). Both samples were described as likely hypabyssal intrusives, with 904 a plagioclase phyric andesite or basaltic andesite and 1035 a plagioclase-mafic (rare olivine?) phyric andesite or basaltic andesite porphyry.

Plate 2. Quatsino Formation

2a. interbedded limestone / basalt

2b. steeply dipping limestone

The Quatsino Formation forms a narrow belt, 1000 to 1500 metres wide trending southeast-northwest through the centre of the property. The northeastern side is actually comprised more of interbedded limestone and basalt ranging in thickness from 10's of centimetres to a few metres (Plate 2a). There is no alteration or skarnification at the limestone basalt contacts which suggest deposition on top of the limestone as opposed to dyke intrusion.



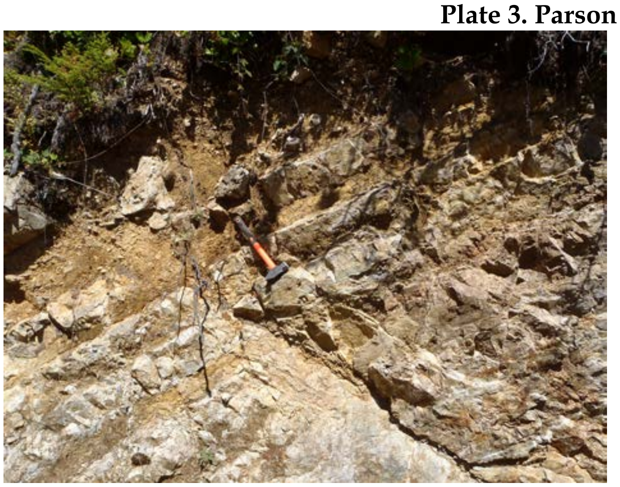
Projection NAD 83 Zone 9

Figure 11. Property Geology

The limestone varies greatly in color and appearance throughout its exposure. The dominant stones are fine grained and dove grey to grey black in color. A larger exposure of white coarser grained marbleized limestone was noted proximal to the southern contact of the Mt. Washington intrusion at the northern end of the claim block. As would be expected, there is considerable variation in the strike and dip of the limestone beds with strikes and dips ranging from 030°/30°SE to 170°/40°E and 175°/42°W. Generally, the limestone was unmineralized, though locally 1% to 2% disseminated pyrite was noted.

The Parson Bay calcareous clastic sediments outcrop along the southwestern edge of the limestone in the western side of the claim block. These rocks range from light brown to grey black in color with beds ranging in thickness from centimetres to 1 to 2 metres. They show varying amounts of disseminated pyrite, ranging from trace to 5%. They are for the most part altered with varying amounts of silica, clay, sericite and FeOx. A series on sub-parallel andesite dykes crosscutting the sediments were noted in one exposure (Plate 4b).

Plate 3. Parson Bay Formation



3a. interbedded siltstones

3b. dykes crosscutting sediments

The Bonanza Group rocks are confined to the western extremities of the claim block, overlying the Parson Bay sediments. The dominant units mapped were a dark grey black more basaltic volcaniclastics and a lighter grey green andesitic volcaniclastic along with local fine clastics. The volcaniclastics appear to gradually change from basaltic to andesitic towards the north.

The basaltic volcaniclastic ranges from fine grained to fragmental in texture and is grey black in color. Outcrops are generally massive to blocky. Alteration consists of weak to moderate carbonate as clots or stringers and local epidote, manganese and chlorite. Mineralization was rare and consisted of traces to ¼% disseminated pyrite. A peculiar circular lichen was quite common on the basaltic outcrops as shown in plate 4a. This lichen was also regularly noted, though not as commonly, on the Karmutsen basalts.

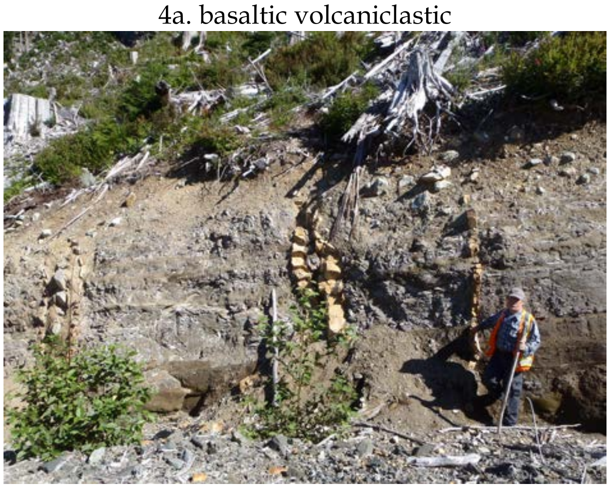
The andesitic volcaniclastic is a lighter grey green in color and ranges from fine grained through fragmental to agglomerate (Plate 4b). Outcrops are generally massive to blocky as well. Alteration consists of weak to moderate carbonate as clots or stringers and local epidote, manganese, chlorite and sericite, along with local fracture limonite and FeOx. Mineralization was rare and consisted of occasional traces of pyrite.

The clastic sediments were localized to small areas in the central western claim block. They consisted of thinly bedded siltstones to shales generally colored shades of brown or grey brown (Plate 4c, 4d). The units found in the west central region were interbedded with volcaniclastics. Alteration consisted on carbonate clots and stringers in the north and limonite, with local sericite and silica in the south. No mineralization was noted.

Plate 4. Bonanza Group

4a. basaltic volcaniclastic

4b. andesitic agglomeratic volcaniclastic



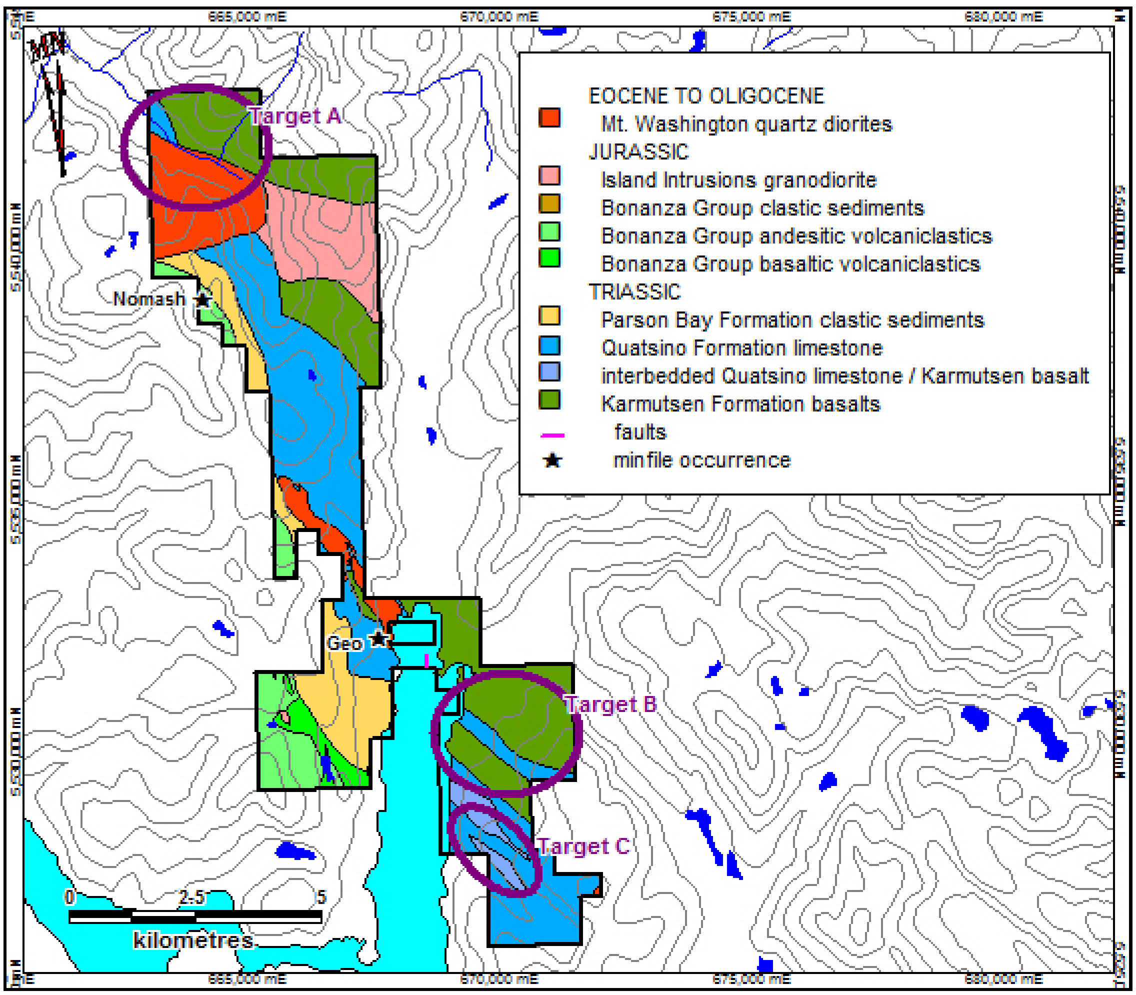
4c. fine sediments cut by dykes

4d. fine siltstone

Three specimens of Bonanza volcaniclastics were submitted for petrographic analysis: WP 722 and WP 735 from the more andesitic volcaniclastics in the west centre of the claim group and WP 719 from the basaltic volcaniclastics in the centre of the claim block. WP 719 and WP 722 were both described as an intermediate volcaniclastics. WP 735 was described as a plagioclase-clinopyroxene phyric andesite or basaltic andesite porphyry, a likely hypabyssal intrusive.

One exposure of granodiorite of the Jurassic Island Intrusions was mapped in the northern part of the claim block. The massive cliff was composed of a medium grained grey rock. Weak sericite, epidote and FeOx were noted in the unmineralized rock.

Parts of three small stocks lie on the claim block. Exposures on in the northernmost stock and the southernmost stock were examined. The northern stock is a blocky to sheeted medium grained, grey white diorite containing hornblende, biotite, plagioclase and quartz. No mineralization was noted and no alteration was noted. The blocky to sheeted southern stock is of similar composition and appearance. Again, no mineralization or alteration was noted.



Projection NAD 83 Zone 9

Figure 12. Mineralization

Mineralization

The Tahsis Property is being explored for auriferous quartz vein and gold skarn mineralization. There presently are two known areas of bedrock mineralization on the property. These are the NOMASH (Minfile number: 092E 024) and the GEO property (Minfile number: 092E 010). The Nomash showing consists of scattered chalcopyrite in a skarn reported to occur over an area measuring 3.0 by 5.0 metres a short distance away from an intrusive contact. A sample collected from this area assayed 0.061% Cu, 0.8 g/t Ag and 0.035 g/t Au. Subsequent work has not been able to verify the presence of this mineralization. The Geo showing consists of lenses of chalcopyrite, magnetite, pyrite, pyrrhotite and minor arsenopyrite in garnet-epidote altered limestone of the Quatsino Formation. One sample assayed 8.2grams per tonne gold, 34.3 grams per tonne silver, 9.0% copper and 14.0 % zinc. The locations of these samples are uncertain and these locations have not been located or examined to date.

Three of the five target areas identified on the property have proven to have potential to host mineralization, Target A, Target B and Target E. These zones are shown on Figure 5:

- Target A is associated with the eastern contact area of the Mt. Washington Intrusive Suite quartz diorite. This is the intrusive that is associated with the gold veins of the Zeballos Gold Camp. Soil sampling along an abandoned and overgrown logging road at the north end of the target located a continuous 950 metre section of Au-in-soil values ranging from a minimum of 15 ppb to a maximum of 1672 ppb and Cu-in-soil values ranging from a minimum 119 ppm of to a maximum of 1651 ppm.
- Target B is associated with the contact between the Quatsino limestone and Karmutsen volcanics. Two cluster anomalies were clearly identifying during the 2013 grid soil sampling. Cluster 1 is approximately 450 metres north south by 500 metres east west and appears to lie on the lower slopes of a relatively gentle ridge. Cluster 2 is approximately 1300 metres east west by 250 metres north south and stretches down the west facing slope.
- Target E lies within the Quatsino limestones with some interbedded Karmutsen basalts. A 450 metre section of 50 metre spaced road soil sampling contains gold values ranging from a low of 6 ppb Au to a high of 146 ppb Au. Additional values of 9, 7, 6 and 14 ppb occur further to the south. Sampling in 2013 returned a 150 metre section with values of 7, 17, 23, and 27 ppb Au a kilometre to the southeast.

DEPOSIT TYPES

There are two main deposit types targeted for the Tahsis property. They include: auriferous quartz veins typical of the Zeballos Gold Camp and gold skarns associated with the Quatsino limestones. There is also the potential for disseminated gold in limey clastic sediments which would be related to auriferous quartz veins.

The following description of auriferous quartz veins is summarized from the Mineral Deposits Profile for Au-Quartz Veins by Ash and Alldrick (1996). Gold-bearing quartz veins and veinlets with minor sulphides crosscut a wide variety of host rocks and are generally localized along major regional faults and related splays. The wall rock is typically altered to silica, pyrite and muscovite within a broader carbonate alteration halo. Veins form within fault and joint systems produced by regional compression or transpression (terrane collision), including major listric reverse faults, second and third-order splays. Veins usually have sharp contacts with wallrocks and exhibit a variety of textures, including massive, ribboned or banded and stockworks with anastamosing gashes and dilations. Textures may be modified or destroyed by subsequent deformation. Tabular fissure veins are present in more competent host lithologies, while veinlets and stringers forming stockworks are present in less competent lithologies. They typically occur as a system of en echelon veins on all scales. Lower grade bulk-tonnage styles of mineralization may develop in areas marginal to veins with gold associated with disseminated sulphides. These deposits may also be related to broad areas of fracturing with gold and sulphides associated with quartz veinlet networks.

The ore mineralogy is native gold, pyrite, arsenopyrite, galena, sphalerite, chalcopyrite, pyrrhotite, tellurides, scheelite, bismuth, cosalite, tetrahedrite, stibnite, molybdenite, gersdorffite (NiAsS), bismuthimite (Bi2S2), tetradymite (Bi2Te2S). The gangue mineralogy is quartz, carbonates (ferroan-dolomite, ankerite ferroan-magnesite, calcite, siderite), albite, mariposite (fuchsite), sericite, muscovite, chlorite, tourmaline, graphite. Alteration assemblages consist of silicification, pyritization and potassium metasomatism and generally occur adjacent to veins (usually within a metre) within broader zones of carbonate alteration, with or without ferroan dolomite veinlets, extending up to tens of metres from the veins. Individual deposits average 30 000 tonnes with grades of 16 g/t Au and 2.5 g/t Ag and may be as large as 40 million tonnes.

Geochemical signatures include elevated values of Au, Ag, As, Sb, K, Li, Bi, W, Te and B ± (Cd, Cu, Pb, Zn and Hg) in rock and soil and Au in stream sediments. Geophysically, faults are indicated by linear magnetic anomalies. Areas of alteration indicated by negative magnetic anomalies due to destruction of magnetite as a result of carbonate alteration. Placer gold or elevated gold in stream sediment samples is an excellent regional and property-scale guide to gold-quartz veins.

The following description of gold skarns is summarized from the Mineral Deposits Profile for Au Skarns by Ray (1998). Gold-dominant skarn mineralization is genetically associated with a skarn gangue consisting of Ca - Fe - Mg silicates, such as clinopyroxene, garnet and epidote. Gold is often intimately associated with Bi or Au-tellurides, and commonly occurs as minute blebs (<40 microns) that lie within or on sulphide grains. The vast majority of Au skarns are hosted by calcareous rocks. Most Au skarns form in orogenic belts at convergent plate margins. They tend to be associated with syn to late island arc intrusions emplaced into calcareous sequences in arc or back-arc environments. These deposits are generally related to plutonism associated with the development of oceanic island arcs or back arcs. Gold skarns are hosted by sedimentary carbonates, calcareous clastics, volcaniclastics or (rarely) volcanic flows. They are commonly related to high to intermediate level stocks, sills and dikes of gabbro, diorite, quartz diorite or granodiorite composition. Gold skarns vary from irregular lenses and veins to tabular or stratiform orebodies with lengths ranging up to many hundreds of metres. Rarely, can occur as vertical pipe-like bodies along permeable structures.

The ore mineralogy consists of gold, commonly present as micron-sized inclusions in sulphides, or at sulphide grain boundaries. To the naked eye, ore is generally indistinguishable from waste rock. Due to the poor correlation between Au and Cu in some Au skarns, the economic potential of a prospect can be overlooked if Cu-sulphide-rich outcrops are preferentially sampled and other sulphide-bearing or sulphide-lean assemblages are ignored. The mineralization in pyroxene-rich and garnet-rich skarns tends to have low Cu:Au (<2000:1), Zn:Au (<100:1) and Ag/Au (<1:1) ratios. The gold is commonly associated with Bi minerals (particularly Bi tellurides). The presence of other minerals varies due to original host lithology and can include: ± pyrrhotite ± chalcopyrite ± pyrite ± magnetite ± galena ± tetrahedrite ± arsenopyrite ± tellurides (e.g. hedleyite, tetradymite, altaite and hessite) ± bismuthinite ± cobaltite ± native bismuth ± sphalerite ± maldonite. They generally have a high sulphide content and high pyrrhotite:pyrite ratios. These deposits range in size from 0.4 to 13 million tonnes and grade from 2 to 15 g/t Au

The gangue mineralogy varies due to original host lithology Magnesian exoskarn gangue includes: olivine, clinopyroxene (Hd2-50), garnet (Ad7-30), chondrodite and monticellite. Retrograde minerals include serpentine, epidote, vesuvianite, tremolite-actinolite, phlogopite, talc, K-feldspar and chlorite. Calcic exoskarn gangue can be broken down into three subtypes: pyroxene rich, which has high pyroxene:garnet ratios and diopsidic to hedenbergitic clinopyroxene (Hd 20-100), K-feldspar, Fe-rich biotite, low Mn grandite garnet (Ad 10-100), wollastonite and vesuvianite; garnet rich, which has low pyroxene:garnet ratios and includes low Mn grandite garnet (Ad 10-100), K-feldspar, wollastonite, diopsidic clinopyroxene (Hd 0-60), epidote, vesuvianite, sphene and apatite; and epidote rich, which includes abundant epidote and lesser chlorite, tremolite-actinolite, quartz, K-feldspar, garnet, vesuvianite, biotite, clinopyroxene and late carbonate.

Geochemical signatures include Au, As, Bi, Te, Co, Cu, Zn or Ni soil, stream sediment and rock anomalies, as well as some geochemical zoning patterns throughout the skarn envelope (notably in Cu/Au, Ag/Au and Zn/Au ratios). Geophysically, airborne magnetic or gravity surveys are used to locate plutons with follow-up induced polarization and ground magnetic used to locate skarns. Placer gold can also be an indicator of gold skarns. As well, any carbonates, calcareous tuffs or calcareous volcanic flows intruded by arc-related plutons have a potential for hosting Au skarns.

EXPLORATION

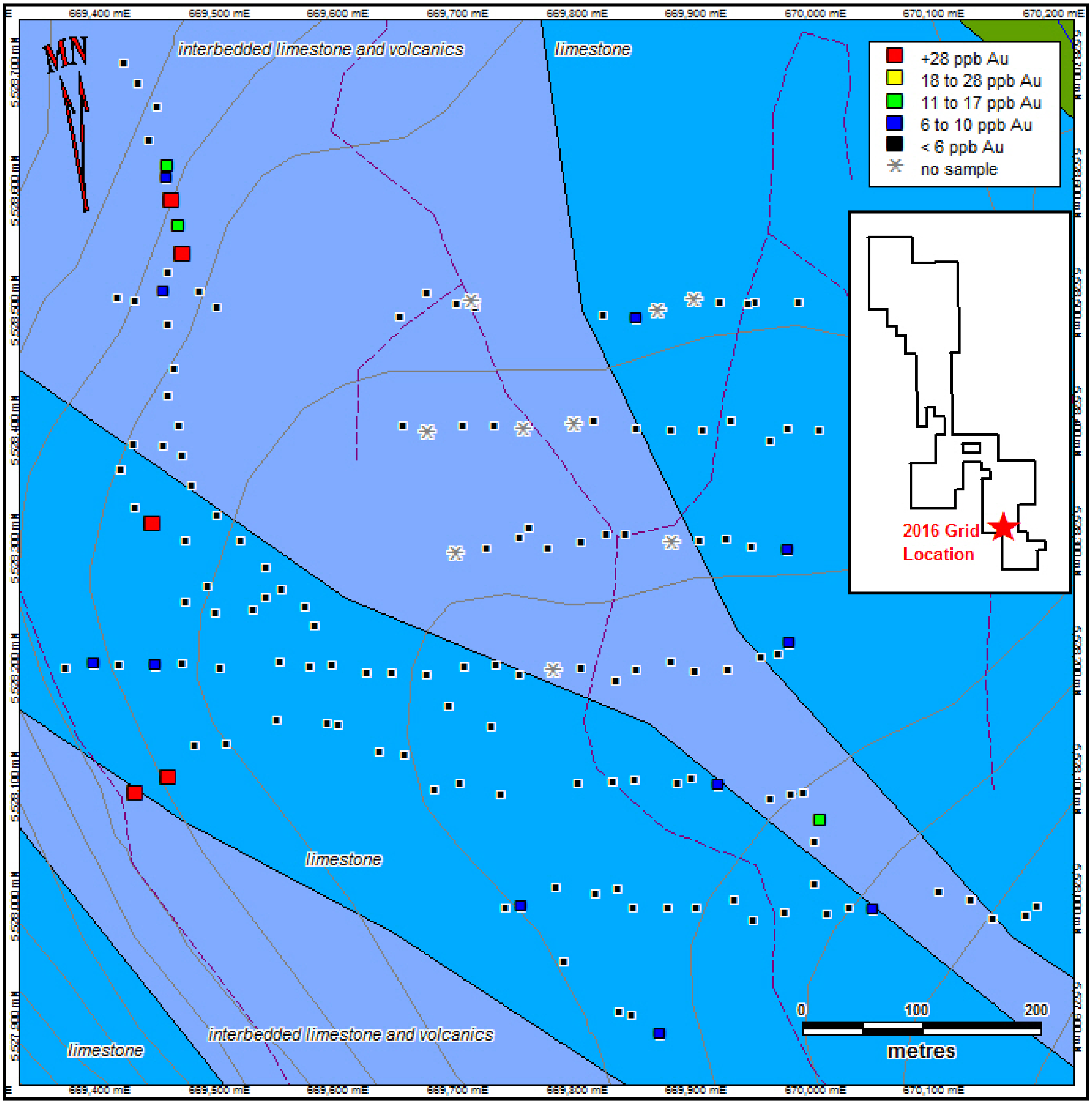
The 2016 exploration program consisted of semi-regular grid soil sampling with one rock sample also taken. A total of 149 soil samples were taken at Target E.

The initial plan was to sample the area on 25 metre grid lines spaced 100 metres apart. The lack of soil over the limestone outcrops and the steep topography forced the program to be adapted to a sample where possible program. A 500 to 1000 gram sample was collected from the "B" horizon and placed in pre-numbered kraft paper soil bag. Each sample location was recorded as a waypoint in a GPS unit in the map datum NAD 83. Sample sites were then flagged with fluorescent ribbon and marked with the sample number.

The one rock sample was taken from a 20 centimetre volcanic bed within the limestone. One to three kilograms were taken from bedrock and placed in a plastic bag, with an assay ticket also placed in the same bag. The sample location was marked as a waypoint in a GPS unit in the map datum NAD 83. The sample sites was flagged with fluorescent ribbon and marked with the sample number.

All sample and outcrop data was downloaded nightly into a computer. All samples were delivered by the sampling crew to ALS Minerals in North Vancouver for analysis.

The author is not aware of any sampling or recovery factors that could materially impact the accuracy and reliability of the assay results. The author believes the samples taken to be representative and does not feel there are any factors that would cause sample bias.



Projection NAD 83 Zone 9

Figure 13a. 2016 Soil Samples Gold

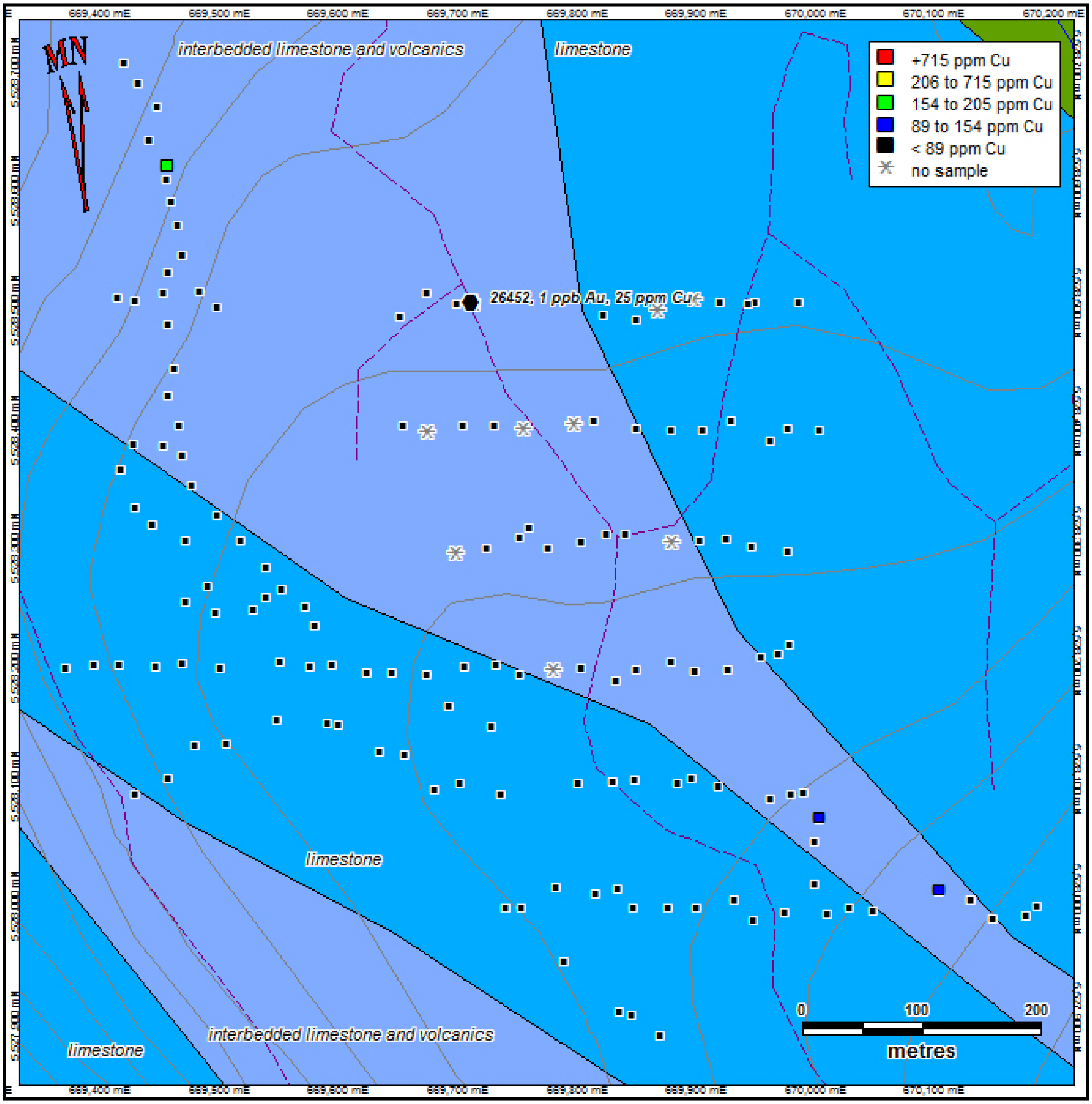
Table 5: Geochemical Statistics for Soil Sampling

Percentile	75th	90th	95th	98th	Maximum	Count
Au ppb	6	11	18	28	474	1268
Cu ppm	89	154	205	308	715	1268

The soil sampling results from the 2016 program were combined with the results from the earlier programs to produce new summary statistics as shown in Table 5.

The 2016 gold-in-soil results are shown in Figure 13. Two anomalous areas were identified. The first is a cluster of six anomalous values in a string of 7 samples along a north trending deactivated road in the north section of the grid area. Gold-in-soil values range from 5 ppb to 76 ppb Au over this 300 metre section of road.

The second area consists of two sequential samples on the west side of the grid, returning values of 121 ppb Au and 134 ppb Au. This is in the same area where a 2015 road soil sampling returned a value of 90 ppb Au. This area needs to be investigated.



Projection NAD 83 Zone 9

Figure 13b. 2016 Soil Samples Copper and Rock Sample

The copper plot, Figure 13b shows only three widely spaced samples returned copper-in-soil values above the 75th percentile.

In addition one rock sample was taken. A grab sample from a 20 centimetre volcanic bed within the limestone was sampled. The sampled returned a background value for gold and a value of 25 ppm for copper.

DRILLING

There is no record of diamond drilling on the Tahsis Property.

SAMPLE PREPARATION, ANALYSIS AND SECURITY

At the end of the field day, soil samples were brought back to town. They were put in sequence and placed 12 to 15 in a 13 by 18 poly bag. Three poly bags were then placed in a rice bag. One standard, sealed in a Ziploc bag, was also placed in the rice bag. The bag was then zap strapped and stored in the author's motel room. Rock samples were handled similarly. Since these were preliminary surveys no sample splitting or reduction was necessary. All samples were shipped were delivered to ALS Minerals Lab in North Vancouver, B.C. by Mammoth Geological Ltd. personnel. Mammoth Geological Ltd. is not independent of Sojourn Ventures Inc. as its principle (the author) is a Director of Sojourn. The author is however, independent of the property owner Qualitas Holdings Corp.

All samples from the 2016 exploration program were analyzed at ALS Minerals in North Vancouver, which is certified compliant and accredited with the Standards Council of Canada ISO/IEC 17025:2005 International Standards Organization Model for Quality Assurance. At the ALS Minerals North Vancouver Lab each sample is logged in the tracking system, weighed and dried. Soil samples are first dried at 60^{o}C and then dry-sieved using a 180 micron (Tyler 80 mesh) screen. Rock samples are finely crushed to better than 70 % passing a 2 mm (Tyler 9 mesh, US Std. No.10) screen after which a split of up to 250 g is taken and pulverized to better than 85 % passing a 75 micron (Tyler 200 mesh, US Std. No. 200) screen.

Three analyses were completed on the rock, soil and silt pulps: Au-TL43, ME-MS43 and ME-ICP43. In the Au-TL43 procedure, a finely pulverised sample (25 – 50 g) is digested in a mixture of 3 parts hydrochloric acid and 1 part nitric acid (aqua regia). This acid mixture generates nascent chlorine and nitrosyl chloride, which will dissolve free gold and gold compounds such as calaverite, $AuTe_2$. The dissolved gold is complexed and extracted with Kerosene/DBS and determined by graphite furnace AAS. Alternatively gold is determined by ICPMS directly from the digestion liquor. This method allows for the simple and economical addition of extra elements by running the digestion liquor through the ICPAES or ICPMS.

In the ME-MS43 procedure, a prepared sample (0.50 g) is digested with aqua regia in a graphite heating block. After cooling, the resulting solution is diluted to with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. Following this analysis, the results are reviewed for high concentrations of bismuth, mercury, molybdenum, ment spectral interferences.

In the ME-ICP43 procedure, a prepared sample is digested with aqua regia in a graphite heating block. After cooling, the resulting solution is diluted to 12.5 mL with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. The analytical results are corrected for inter-element spectral interferences.

Table 6. Summary of Standard Performance

Sample No	ppm Au		Sample No	ppm Au
JT16-045B	0.001		RP16-045B	0.002

The exploration programs completed by Sojourn Ventures Inc. are preliminary surveys. Quality control procedures employed included a Blank Standard (CDN-BL-10) supplied by CDN Resource Labs which was inserted at regular intervals throughout the soil sample streams. CDN-BL-10 was certified through a total of 120 analyses, 10 analyses at 12 different labs. Values ranged from <0.01 ppm (10 ppb) to 0.02 ppm (20 ppb). The 2 analyses at ALS for the 2016 program ranged from 0.001 ppm Au to 0.002 ppm Au (Table 6).

The author feels the sample preparation, security and analytical procedures for the preliminary ground surveys on the Tahsis property were adequate for this type of exploration program.

DATA VERIFICATION

The author applied minimal verification procedures as his geological field crew conducted the exploration program. A review of the assay data shows no irregularities. The author is therefore satisfied that the data is adequate for the exploration programs it supports for the purpose of this technical report.

MINERAL PROCESSING AND METALLURGICAL TESTING

There has been no mineral processing or metallurgical testing undertaken on the Tahsis property.

MINERAL RESOURCES AND MINERAL RESERVE ESTIMATES

There are presently no mineral reserves or mineral resources on the Tahsis property.

ADJACENT PROPERTIES

This technical report is not relying on data from adjacent properties.

OTHER RELEVANT DATA AND INFORMATION

There is no additional relevant data or information known that is not disclosed on the Tahsis property.

INTERPRETATION AND CONCLUSIONS

The Tahsis Property lies within an area of high geological potential on the northwest coast of Vancouver Island. This area is prospective for auriferous gold veins, as shown by the proximal Zeballos Gold Camp; skarn and replacement mineralization within the Quatsino limestones and disseminated gold deposits in the limey sediments of the Parson Bay Formation.

The 2011 exploration program completed by Gold Ridge Exploration Corp., the 2013 and 2015 exploration program completed by Sojourn Ventures Inc. and the 2016 exploration program completed by Qualitas Holdings Corp. continue to meet with success. The 2011 program followed up on two of the four targets identified as a result of Robb's (2011) historic compilation. The 2013 program focused in on the Target A and Target B areas from the 2011 program and identified Au-in-soil and Cu-in-soil anomalies in prospective geological settings that require further exploration. The 2015 program concentrated on preliminary geological mapping and an initial assessment of the previously untested and peripheral areas of the claim block, locating Target E. The 2016 program confirmed the existence of anomalous gold-in-soil in the Target E area.

The typical difficult terrain of northern Vancouver Island will necessitate an airborne geophysical survey to best assess Targets A, B and E. The ground surveys completed to date located preliminary anomalies that indicate the potential for mineralization on the Tahsis property. The next logical step is to attempt to ascertain the strength of the anomalies and the potential mineralization. This can best be accomplished by an airborne geophysical program that should be able to vector into the strongest targets within the Target areas. This would be followed up by prospecting to ground truth the anomalies.

RECOMMENDATIONS

A program of airborne time domain electromagnetic and caesium magnetics is recommended for the Tahsis property. The survey should be flown at 100 metre line spacings across the entire property. The airborne survey is estimated at $140,000 all in.

This airborne survey should be followed up by ground truthing of the anomalies by prospecting at an estimated cost of $60,000.

Table 6. 2017 Budget Recommendation

Airborne						
	All in					$125,000
Prospecting:						
	Two man crew all in	23	days	@	$1,950	$44,850
	Analysis - soil	100	samples	@	$24	$2,400
	Analysis - rock	50	samples	@	$40	$2,000
	Analysis - standards	10	samples	@	$20	$200
Equipment and Supplies:						$500
Supervision						$2,000
Travel						$3,000
Documentation						$4,000
Contingency						$16,050
Total Budget						**$200,000**

The cost of the 2016 exploration program was $24,501.59.

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CERTIFICATE FOR R. TIMOTHY HENNEBERRY

I, R.Tim Henneberry, P.Geo., a consulting geologist, residing at 2446 Bidston Road, Mill Bay, B.C. V0R 2P4 do hereby certify that: I am the Qualified Person for:

Sojourn Ventures Inc.
760 – 777 Hornby Street
Vancouver, British Columbia V6Z 1S4

Qualitas Holdings Corp.
5215 – 6th Avenue
Delta, British Columbia V4M 1L6

I earned a Bachelor of Science Degree majoring in geology from Dalhousie University, graduating in May 1980.

I am registered with the Association of Professional Engineers and Geoscientists in the Province of British Columbia as a Professional Geoscientist.

I have practiced my profession continuously for 35 years since graduation.

I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101. My relevant experience for the purpose of this Technical Report is:

- 35 years of exploration experience for base and precious metals in the Western Cordillera
- I supervised the 2011, 2013 and 2016 exploration programs on the present Tahsis property.

I am responsible for the preparation of the technical report titled "2015 Geochemical and Geological Report Tahsis Property" and dated November 6, 2016 relating to the Tahsis property. I last visited the Tahsis property between July 22 and August 1, 2015.

I have had prior involvement with the property that is the subject of the Technical Report. My geological consulting company undertook the 2011, 2013 and 2015 exploration programs on the present Tahsis property.

As of November 6, 2016, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

I am independent of the property vendor Qualitas Holdings Corp. I am a Director of Sojourn Ventures Inc. and hold 150,000 options directly and hold a 35% interest in 200,000 shares through 0822676 BC Ltd. Therefore, I cannot be considered independent of the issuer after applying all of the tests in section 1.5 of NI 43-101. In addition, my geological consulting company undertook the exploration programs that are the subject of this report.

I have read NI 43-101 and Form 43-101F, and the Technical Report has been prepared in compliance with that instrument and form.

I make this Technical Report effective November 6, 2016.

R Tim Henneberry

R.Tim Henneberry, P.Geo

STATEMENT OF COSTS

Work program dates: September 3 to September 10, 2016.

Field Crew							$17,500.00
John Taylor	8	days	@	$650	/day	$5,200	
Riley Pym	8	days	@	$500	/day	$4,000	
Vehicle Rentals							
Mammoth	8	days	@	$100	/day	$800	
Supervision							
Tim Henneberry	20	hours	@	$125	/hour	$2,500	
Documentation							
Tim Henneberry	40	hours	@	$125	/hour	$5,000	

Expenses			$2,709.99
Travel		$176.90	
Hotel		$1,345.68	
Meals		$394.76	
Fuel		$421.00	
Supplies		$125.29	
Service charge		$246.36	
Analysis			$4,291.60
Work Order	Invoice		
VA16155679	3682089	$32.98	
VA16155677	3682102	$1,910.22	
VA16155678	3682137	$1,958.25	
Service (10%)		$390.15	
GST			$1,225.08
Services		$875.00	
Expenses		$135.50	
Analysis		$214.58	
Total Invoice			**$25,726.67**
Less GST (Filed)			**$24,501.59**

Sampler	WP	83Z9E	83Z9N	Elevation	ppm Au	ppm Bi	ppm Hg	ppm Sb	ppm Se	ppm Sn	ppm Te	ppm Th	ppm Tl	ppm U	ppm W	ppm Ag	% Al	ppm As	ppm B	ppm Ba	ppm Be	% Ca	ppm Cd	ppm Ce	ppm Co
JT16-001	11	669795	5528401	499																					
JT16-002	12	669813	5528405	476	<0.001	0.09	0.45	0.27	2	0.3	0.04	0.2	0.13	9.38	0.13	<0.1	0.34	3.9	21	49	0.1	5.82	0.3	9	1
JT16-003	13	669848	5528399	491	<0.001	0.07	0.09	0.25	<0.2	1.1	0.04	0.37	<0.02	0.3	0.1	0.1	1.48	6	10	13	0.1	0.62	<0.2	5	10.9
JT16-004	14	669877	5528398	484	0.001	0.06	0.19	0.24	1.6	0.7	0.09	0.8	0.03	1.68	0.22	<0.1	5.48	5	15	9	0.3	0.97	<0.2	9	13.6
JT16-005	15	669904	5528397	483	0.005	0.32	0.39	0.4	2.7	1.3	0.48	0.67	0.35	9.96	0.13	0.1	3.26	13.2	10	144	0.6	3.12	0.7	30	21.5
JT16-006	16	669928	5528405	476	0.002	0.11	0.22	0.24	1	0.7	0.31	0.46	0.08	2.96	0.06	0.1	2.45	7.4	4	33	0.3	11.55	0.2	14	14
JT16-007	17	669961	5528388	483	0.004	0.1	0.53	1.33	2.7	0.4	0.2	0.11	0.28	10.2	0.22	<0.1	2.35	23.4	14	37	0.4	2.46	0.3	15	13.8
JT16-008	18	669975	5528399	492	0.002	0.3	0.12	1.09	0.5	1.2	0.59	1.02	0.09	4.4	<0.05	0.1	3.81	13.8	3	19	0.5	0.51	<0.2	14	16.8
JT16-009	19	670002	5528398	494	0.003	0.2	0.2	1.73	1.2	0.7	0.28	0.74	0.18	4.49	0.36	<0.1	3.28	15.9	5	29	0.6	3.41	0.2	20	9.1
JT16-010	20	669985	5528504	468	0.001	0.12	0.6	0.72	3	0.5	0.21	0.22	0.19	26.6	0.29	0.1	2.69	13.4	13	50	0.4	3.03	0.2	22	16
JT16-011	21	669948	5528505	484	0.001	0.23	0.19	0.77	1	0.6	0.25	0.9	0.13	4.21	0.44	0.1	3.27	15.1	8	32	0.7	2.25	0.2	22	7.7
JT16-012	22	669942	5528503	481	0.002	0.24	0.29	0.65	1.1	1.2	0.18	1.14	0.08	3.9	0.06	0.1	3.08	14.2	4	31	0.5	1.26	<0.2	24	13.1
JT16-013	23	669919	5528504	483	0.001	0.1	0.19	0.32	1.2	0.6	0.12	0.41	0.06	3.01	0.09	0.1	2.57	10.4	7	34	0.3	8.69	<0.2	15	12.7
JT16-014	24	669896	5528506	479	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
JT16-015	25	669866	5528496	483	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
JT16-016	26	669848	5528490	483	0.01	0.21	0.46	9.43	2.2	1.1	0.69	1.24	0.68	7.75	0.54	<0.1	5.27	37.8	15	32	0.8	1.32	0.5	24	25.7
JT16-017	27	669820	5528494	464	0.003	0.32	0.6	8.5	3.3	1.1	0.81	0.47	0.49	9.89	0.48	0.1	3	76.3	18	69	0.6	3.98	0.7	25	17.3
JT16-018	28	669714	5528501	463	0.001	0.26	0.11	0.6	1.5	0.8	0.15	1.09	0.1	8.09	0.17	0.1	2.58	24.1	5	20	0.7	0.7	<0.2	25	10.6
JT16-019	29	669697	5528503	468	0.002	0.25	0.11	0.61	0.6	1.2	0.25	0.66	0.05	2.1	0.08	0.1	2.27	22.9	5	14	0.3	1.26	0.3	7	13.1
JT16-020	30	669672	5528513	469	<0.001	0.04	0.06	0.25	0.4	0.2	0.09	0.18	0.09	3.09	0.07	0.1	0.62	3.3	4	27	0.1	>15.0	<0.2	6	3.2
JT16-021	31	669650	5528493	467	0.001	0.09	0.14	0.15	0.9	0.3	0.07	0.11	0.14	3.58	0.07	<0.1	0.57	2.8	10	133	0.1	>15.0	<0.2	6	1.4
JT16-022	32	669832	5528013	508	<0.001	0.16	0.08	0.85	0.4	0.6	0.08	0.37	0.03	2.29	0.42	0.1	1.09	26.3	2	14	0.4	0.57	0.2	7	6.2
JT16-023	33	669846	5527996	515	<0.001	0.13	0.02	2.95	0.2	0.6	0.08	0.24	0.03	1.46	0.81	<0.1	0.56	25.2	2	2	0.1	0.14	<0.2	3	1.7
JT16-024	34	669875	5527997	514	0.001	0.07	0.24	2.09	1	0.3	0.1	0.16	0.11	4.6	0.51	0.1	1.11	22.8	4	15	0.7	11.35	<0.2	9	2.7
JT16-025	35	669899	5527997	517	0.004	0.21	0.14	30.2	1.7	1	0.46	0.65	0.19	11.15	0.65	<0.1	3.9	154.5	5	17	0.7	0.63	<0.2	12	41.5
JT16-026	36	669931	5528003	529	0.001	0.24	0.12	3.52	0.5	1	0.17	0.74	0.13	6.57	0.56	0.1	1.78	21.5	4	17	0.4	1.28	<0.2	16	6.7
JT16-027	37	669946	5527986	530	0.004	0.21	0.57	7.34	2.3	0.8	0.29	0.52	0.41	9.03	1	0.2	2.71	42.8	7	92	0.7	4.71	0.5	25	10.5
JT16-028	38	669973	5527993	526	0.004	0.06	0.17	0.34	1.1	0.8	0.06	0.42	0.04	1.38	0.14	0.1	2.67	7.9	12	10	0.2	2.14	0.2	11	9.8
JT16-029	39	670008	5527991	520	<0.001	0.09	0.11	0.16	0.4	0.3	0.06	0.21	0.06	3.15	0.05	<0.1	1.69	9.1	4	28	0.3	0.98	<0.2	10	10.6
JT16-030	40	670027	5527996	530	0.001	0.27	0.17	0.29	0.8	0.9	0.07	0.68	0.06	2.57	0.09	<0.1	3.16	11.8	3	14	0.3	0.24	<0.2	9	14
JT16-031	41	670047	5527994	537	0.008	0.17	0.23	4.56	0.7	0.9	0.25	0.65	0.09	8.17	<0.05	0.1	2.48	21.6	4	26	0.4	1	<0.2	10	24.4
JT16-032	42	670102	5528010	561	0.005	0.05	0.22	0.23	1.9	0.7	0.03	1.09	0.03	3.37	0.08	<0.1	6.89	8	6	9	0.4	0.52	<0.2	26	20.4
JT16-033	43	670129	5528003	578	0.001	0.06	0.12	0.29	0.2	0.6	0.03	0.24	0.02	0.58	0.07	<0.1	2.67	7.7	4	8	0.2	0.3	<0.2	5	11.3
JT16-034	44	670147	5527987	563	0.002	0.12	0.25	0.7	1.3	0.7	0.11	1.11	0.08	4.25	0.07	0.1	8.24	20	5	11	0.8	0.16	<0.2	18	26.5
JT16-035	45	670175	5527990	564	0.002	0.1	0.08	1.02	0.7	0.6	0.1	0.78	0.16	4.57	0.08	<0.1	4.15	44	3	19	0.5	0.27	<0.2	18	24.3
JT16-036	46	670185	5527998	587	0.001	0.16	0.17	3.18	0.8	0.7	0.17	0.54	0.21	8.16	0.21	0.1	3.93	71.4	5	32	0.7	1.41	<0.2	18	20.7
JT16-037	47	669428	5528092	287	0.134	0.23	0.42	9.3	2.9	0.9	0.4	1.89	0.54	13.75	0.75	0.2	5.18	217	5	50	1.5	0.58	<0.2	32	21.3
JT16-038	48	669456	5528105	300	0.121	0.1	0.14	3.46	1.8	0.7	0.13	0.94	0.2	7.68	0.3	0.1	4.51	158	6	19	0.7	0.71	<0.2	23	25.5
JT16-039	49	669478	5528133	336	0.003	0.08	0.16	2.27	1.1	0.4	0.1	0.33	0.11	7.81	0.38	0.1	2.16	51.1	6	23	0.7	7.16	<0.2	14	9.2
JT16-040	50	669504	5528134	343	0.001	0.04	0.11	1.01	0.6	0.1	0.04	0.07	0.12	4.47	0.13	0.1	0.34	8.4	7	23	0.2	13	<0.2	3	0.6
JT16-041	51	669547	5528154	391	0.001	0.07	0.13	1.21	0.8	0.3	0.09	0.19	0.12	2.84	0.34	<0.1	0.9	21.6	5	26	0.4	8.96	<0.2	8	2.5
JT16-042	52	669589	5528152	407	0.001	0.28	0.06	5.98	0.6	1	0.27	0.82	0.14	3.13	0.56	<0.1	2.82	109	3	9	0.5	0.11	<0.2	5	10.4
JT16-043	53	669599	5528150	415	<0.001	0.13	0.08	1.87	0.6	0.9	0.11	0.49	0.12	1.81	0.09	<0.1	4.23	49	4	19	0.7	0.14	<0.2	8	18.8
JT16-044	54	669633	5528128	435	0.002	0.12	0.12	4.38	1.3	0.5	0.22	0.55	0.31	5.76	0.6	0.1	2.27	56.9	7	53	0.6	8.65	<0.2	13	6.7
JT16-045	55	669654	5528125	454	0.004	0.19	0.15	5.62	1.9	0.8	0.37	1.07	0.31	13	0.66	0.1	4.07	72	6	51	1.1	4.79	<0.2	25	7.9
JT16-046	56	669679	5528096	464	0.001	0.12	0.12	4.12	0.8	0.3	0.1	0.17	0.18	4.37	0.37	0.1	1.26	25.1	8	27	0.6	12.1	0.3	8	2.3
JT16-047	57	669700	5528101	475	0.001	0.24	0.16	4.03	1.1	0.8	0.32	0.92	0.18	9.52	0.62	0.1	3.47	42.2	5	31	1.3	6.13	<0.2	21	5
JT16-048	58	669735	5528092	487	0.003	0.27	0.15	6.45	1.4	0.7	0.63	1.11	0.19	7.32	0.85	0.1	3.61	83.3	6	43	1.2	1.44	<0.2	17	16
JT16-049	59	669418	5528705	363	<0.001	0.13	0.05	0.1	0.3	1	0.04	0.25	0.05	1.7	<0.05	<0.1	3.35	5.1	5	21	0.3	0.9	<0.2	5	23.7
JT16-050	60	669430	5528688	364	0.003	0.13	0.1	0.15	1.3	1	0.18	1.4	0.12	13.25	0.09	<0.1	6.45	8.8	4	19	0.9	1.19	<0.2	45	30.1
JT16-051	61	669440	5528641	372	0.002	0.24	0.27	0.22	1.8	0.7	0.33	1.25	0.16	11.8	0.08	0.1	3.96	24.3	7	48	0.8	4.89	0.3	25	14.5
JT16-052	62	669454	5528608	379	0.01	0.19	0.3	0.32	1.7	0.6	0.21	0.77	0.17	6.8	0.13	0.1	3.43	24.3	9	86	0.6	7.98	<0.2	21	13.2
JT16-053	63	669464	5528570	390	0.011	0.17	0.17	0.47	1.6	0.7	0.16	1.4	0.11	7.98	0.18	<0.1	3.62	33.1	7	37	0.6	1.92	0.3	23	16.2
JT16-054	64	669455	5528530	396	0.005	0.08	0.17	0.13	1.2	1.2	0.05	1.17	0.04	0.61	<0.05	0.1	6.61	5.4	4	11	0.4	0.86	<0.2	14	17.5

Sampler	WP	83Z9E	83Z9N	Elevation	ppm Au	ppm Bi	ppm Hg	ppm Sb	ppm Se	ppm Sn	ppm Te	ppm Th	ppm Tl	ppm U	ppm W	ppm Ag	% Al	ppm As	ppm B	ppm Ba	ppm Be	% Ca	ppm Cd	ppm Ce	ppm Co
JT16-055	65	669446	5528669	368	0.001	0.27	0.27	0.26	1.4	0.7	0.19	0.89	0.33	7.79	0.08	0.1	4.39	13.8	6	90	0.8	4.28	0.3	22	18.6
JT16-056	66	669454	5528620	365	0.014	0.2	0.19	0.41	2.9	0.9	0.1	2.14	0.16	14.35	0.14	0.1	6.51	52	5	30	1	0.27	<0.2	57	33
JT16-057	67	669458	5528589	390	0.076	0.17	0.36	0.62	2.9	0.6	0.2	2.23	0.45	9.12	0.16	0.1	4.99	123	5	37	0.8	2.84	<0.2	32	24.6
JT16-058	68	669467	5528544	388	0.044	0.16	0.39	1.03	1.8	0.7	0.22	1.53	0.25	4.5	0.27	<0.1	4.37	58.4	5	29	0.8	1.28	0.4	26	33.2
JT16-059	69	669456	5528486	400	0.004	0.13	0.22	0.77	2	0.7	0.15	1.72	0.31	8.51	0.09	0.1	6.12	30.6	6	27	0.9	1.38	<0.2	39	28.8
JT16-060	70	669461	5528449	402	0.002	0.18	0.09	0.42	0.7	1.1	0.09	1.51	0.15	11.75	0.09	0.1	4.84	9.6	6	18	0.7	1.55	<0.2	15	18.2
JT16-061	71	669456	5528427	399	0.005	0.16	0.08	0.37	0.8	1.1	0.08	1.83	0.18	8.43	0.05	0.1	6.52	8.3	6	20	0.8	1.12	0.3	27	33.5
JT16-062	72	669465	5528402	401	0.004	0.16	0.13	1.96	0.9	1.2	0.18	1.86	0.24	10.1	0.05	<0.1	7.43	14.3	5	13	0.9	0.86	0.6	20	30.9
JT16-063	73	669467	5528376	404	0.003	0.34	0.15	1.7	1.7	1.1	0.36	2.1	0.42	15.6	0.21	0.1	3.66	45.1	4	42	1.2	1.19	<0.2	26	8.1
JT16-064	74	669475	5528351	404	0.003	0.18	0.14	0.64	1.1	0.7	0.12	0.94	0.29	11.35	0.14	0.1	2.58	18.9	2	33	0.6	1.05	<0.2	16	9.7
JT16-065	75	669496	5528326	404	0.002	0.15	0.08	0.45	0.8	1.1	0.11	1.33	0.11	10.75	<0.05	0.1	5.33	10.1	2	15	0.7	0.55	<0.2	21	22
JT16-066	76	669517	5528305	403	<0.001	0.07	0.08	<0.05	0.9	0.5	0.07	0.48	0.15	3.26	<0.05	0.1	6.71	12.2	<1	19	0.6	0.17	<0.2	8	26.7
JT16-067	77	669538	5528282	410	<0.001	0.16	0.14	0.73	1.8	0.9	0.18	1.21	0.38	8.59	0.09	0.1	4.46	42.8	2	40	0.9	1.1	<0.2	36	16.7
JT16-068	78	669551	5528264	416	0.003	0.15	0.17	5.36	1.8	0.6	0.25	1.19	0.41	6.08	0.46	0.1	2.96	122	1	21	0.8	1.61	<0.2	22	8.9
JT16-069	79	669571	5528249	410	0.003	0.1	0.19	3.24	1.4	0.3	0.15	0.21	0.36	5.32	0.35	0.2	1.5	35.3	2	21	0.6	13.15	<0.2	11	4.7
JT16-070	80	669738	5527997	457	0.005	0.14	0.19	2.87	2	0.6	0.21	1.11	0.4	8.59	0.43	0.1	3.66	80.5	2	29	0.9	3.29	<0.2	20	14.8
JT16-071	81	669738	5527996	457	0.003	0.05	0.08	3.6	0.5	0.2	0.11	0.18	0.11	5.43	0.44	0.1	1.04	25.4	1	6	0.2	14	<0.2	6	4.6
JT16-072	82	669752	5527997	467	0.008	0.32	0.33	9.2	2.1	1.1	0.57	2.36	0.41	12.35	1.24	0.2	5	113.5	1	64	2.1	1.28	<0.2	30	15.8
JT16-073	83	669781	5528014	481	0.001	0.13	0.12	6.68	0.9	0.5	0.21	0.54	0.1	5.16	1.84	<0.1	1.72	29.3	<1	33	0.8	1.34	0.4	11	5
JT16-074	84	669814	5528008	495	0.001	0.16	0.12	4.98	0.5	0.5	0.31	0.48	0.11	6.21	1.29	<0.1	1.42	42.5	<1	13	0.4	2.27	<0.2	7	3.7
	85	669709	5528504	476																					
RP16-001	1	669413	5528509	376	0.003	0.32	0.26	0.81	2	1	0.29	1.05	0.31	13.85	0.13	<0.1	5.06	33.2	10	78	1.4	2.5	<0.2	29	12.3
RP16-002	2	669428	5528506	387	0.001	0.11	0.22	0.71	0.4	0.6	0.08	0.28	0.14	3.3	0.19	0.1	1.13	15.8	23	11	0.2	2.51	0.2	4	4.1
RP16-003	3	669452	5528513	394	0.006	0.45	0.39	1.7	2.9	1.3	0.21	2.7	0.67	9.76	0.22	0.1	5.16	96.7	3	69	1.7	1.43	<0.2	37	16
RP16-004	4	669482	5528514	410	0.002	0.21	0.25	0.51	0.7	0.9	0.06	0.77	0.15	6.05	0.07	<0.1	2.34	14.2	10	35	0.6	3.63	0.3	14	10.7
RP16-005	5	669497	5528501	418	0.005	0.33	0.48	1.67	2.5	0.9	0.17	0.96	0.53	6.05	0.22	<0.1	2.99	61.6	7	75	1.3	2.07	<0.2	25	9.5
RP16-006	6	669831	5528187	485	0.001	0.09	0.07	0.28	0.3	1.2	0.02	0.2	<0.02	0.35	0.07	0.1	1.2	11.2	6	5	0.1	0.33	<0.2	4	6.2
RP16-007	7	669848	5528196	482	0.001	0.23	0.28	0.3	0.9	0.9	0.09	0.69	0.02	5.05	0.1	0.1	4.88	11.9	5	10	0.5	1.23	<0.2	18	18.3
RP16-008	8	669877	5528203	501	<0.001	0.06	0.43	0.17	0.2	0.3	0.02	<0.05	0.08	1.66	<0.05	<0.1	0.2	2.3	42	9	<0.1	3.8	0.2	3	<0.5
RP16-009	9	669898	5528195	495	<0.001	0.07	0.45	0.17	0.3	0.2	0.05	0.07	0.12	2.97	<0.05	<0.1	0.15	1.4	45	10	<0.1	4.85	0.3	2	0.5
RP16-010	10	669925	5528196	492	<0.001	0.05	0.15	0.08	0.2	0.5	0.03	0.17	0.02	0.12	0.05	0.1	2.33	4.6	5	7	0.1	0.25	<0.2	3	7
RP16-011	11	669953	5528207	489	0.004	0.09	0.25	0.22	1.6	1	0.06	0.88	0.04	2.55	<0.05	0.1	6.22	5.9	3	13	0.5	0.49	<0.2	13	20.3
RP16-012	12	669968	5528210	486	0.004	0.07	0.35	1.19	2.4	0.4	0.09	0.09	0.19	14.9	0.15	<0.1	1.86	39	50	31	0.3	3.1	0.3	11	11.2
RP16-013	13	669977	5528217	502	0.008	0.03	0.16	0.09	0.4	1.9	0.01	<0.05	<0.02	0.13	<0.05	<0.1	0.1	1.4	7	3	<0.1	0.46	<0.2	2	<0.5
RP16-014	14	669975	5528296	509	0.006	0.07	0.18	0.23	1	1.1	0.03	0.96	<0.02	0.94	<0.05	<0.1	5.77	6.3	2	5	0.2	0.26	<0.2	6	6.7
RP16-015	15	669945	5528299	495	0.003	0.14	0.09	0.22	0.2	1.4	0.04	0.36	<0.02	0.4	<0.05	0.1	1.92	2.9	1	5	0.1	0.31	<0.2	5	4.6
RP16-016	16	669924	5528306	494	0.003	0.16	0.08	0.25	0.5	1.4	0.05	0.78	<0.02	1.45	<0.05	0.1	3.27	2.6	3	7	0.2	0.45	<0.2	9	6.6
RP16-017	17	669901	5528305	481	0.001	0.23	0.18	0.43	0.5	2.2	0.06	0.51	0.04	5.8	0.1	0.1	1.91	10.2	2	14	0.3	0.87	0.2	12	9.2
RP16-018	18	669878	5528302	482																					
RP16-019	19	669839	5528310	470	0.002	0.09	0.17	0.36	0.8	0.9	0.04	0.43	0.05	2.86	0.05	<0.1	2.72	10	8	15	0.3	4.93	<0.2	10	12
RP16-020	20	669802	5528197	481	0.001	0.06	0.22	0.22	0.2	0.4	<0.01	0.08	0.02	1.11	0.06	<0.1	0.12	0.5	47	14	<0.1	2.33	0.2	4	<0.5
RP16-021	21	669778	5528195	485																					
RP16-022	22	669751	5528192	474	0.001	0.13	0.23	3.09	0.9	0.6	0.13	0.21	0.27	4.73	0.57	<0.1	1.18	36.6	6	13	0.4	10.85	0.2	8	2.8
RP16-023	23	669731	5528200	484	0.001	0.24	0.16	2.76	0.8	0.7	0.32	1.31	0.12	8.11	0.79	<0.1	3.15	30.9	9	13	0.9	1.75	0.3	18	3.6
RP16-024	24	669704	5528199	476	0.001	0.05	0.14	0.36	0.5	0.3	0.01	0.07	0.03	0.64	0.07	<0.1	0.12	3.3	8	3	<0.1	1.55	<0.2	1	<0.5
RP16-025	25	669823	5528310	484	<0.001	<0.01	<0.01	<0.05	<0.2	<0.1	<0.01	<0.05	<0.02	<0.05	<0.05	<0.1	0.3	1.6	23	7	<0.1	3.23	0.2	4	1.4
RP16-026	26	669802	5528304	485	<0.001	0.03	0.2	0.12	0.5	0.2	<0.01	0.07	0.02	0.59	<0.05	<0.1	0.12	3.9	8	3	<0.1	3.82	<0.2	1	0.6
RP16-027	27	669774	5528298	491	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16-028	28	669759	5528316	488	0.001	0.22	0.27	1.37	1.3	0.6	0.2	0.15	0.11	5.61	0.37	<0.1	1.27	32.3	5	10	0.5	2.25	<0.2	10	2
RP16-029	29	669751	5528307	492	<0.001	0.04	0.18	0.11	1	0.1	0.01	0.07	0.02	1.44	<0.05	0.1	0.12	2.2	7	4	<0.1	3.18	0.2	2	<0.5
RP16-030	30	669723	5528298	500	<0.001	0.04	0.27	0.14	0.4	0.1	0.03	0.05	0.03	0.08	<0.05	<0.1	0.05	1.7	19	2	<0.1	0.92	<0.2	2	<0.5
RP16-031	31	669696	5528293	495																					
RP16-032	32	669753	5528397	467	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16-033	33	669730	5528402	470	<0.001	0.04	0.23	0.17	0.5	0.5	0.04	0.07	0.02	0.69	<0.05	0.1	0.1	2.2	8	5	<0.1	2.07	<0.2	1	<0.5

Sampler	WP	83Z9E	83Z9N	Elevation	ppm Au	ppm Bi	ppm Hg	ppm Sb	ppm Se	ppm Sn	ppm Te	ppm Th	ppm Tl	ppm U	ppm W	ppm Ag	% Al	ppm As	ppm B	ppm Ba	ppm Be	% Ca	ppm Cd	ppm Ce	ppm Co
RP16-034	34	669703	5528402	485	<0.001	0.04	0.17	0.15	0.3	0.5	0.04	0.08	0.02	1.7	<0.05	<0.1	0.12	2.4	5	3	<0.1	1.06	<0.2	2	0.5
RP16-035	35	669673	5528395	485	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16-036	36	669652	5528402	483	<0.001	0.02	0.17	0.1	0.2	0.4	0.03	<0.05	0.02	0.08	<0.05	<0.1	0.04	1.1	40	1	<0.1	1.02	0.2	<1	<0.5
RP16-037	37	669800	5528101	483	0.001	0.26	0.06	5.81	0.5	1.5	0.14	1.01	0.09	3.81	0.3	<0.1	3.13	24.7	1	6	0.4	0.23	<0.2	6	6.5
RP16-038	38	669828	5528102	491	<0.001	0.04	0.38	0.23	1.4	0.4	0.02	0.06	0.02	0.72	0.07	<0.1	0.12	1.9	12	5	<0.1	3.9	<0.2	4	0.5
RP16-039	39	669847	5528104	494	0.001	0.06	0.35	0.35	0.8	0.4	0.03	0.1	0.04	1.3	0.1	<0.1	0.15	1.1	9	6	<0.1	4.3	0.2	2	0.6
RP16-040	40	669883	5528101	498	0.001	0.08	0.3	0.65	0.7	2.5	0.06	0.11	0.02	1.39	0.09	<0.1	0.58	4.7	5	10	0.1	1.55	<0.2	3	2.6
RP16-041	41	669895	5528105	493	0.003	0.37	0.24	1.13	1.7	1.2	0.17	0.44	0.17	12.45	0.13	<0.1	3.89	59	3	24	0.7	1.12	0.2	20	21.6
RP16-042	42	669917	5528099	505	0.007	0.07	0.17	0.31	2	1	0.05	1.04	0.03	2.89	0.09	<0.1	6.27	6.9	4	7	0.4	0.53	<0.2	20	12.9
RP16-043	43	669961	5528088	514	0.001	0.03	0.46	0.15	0.3	0.5	0.05	<0.05	<0.02	0.07	<0.05	<0.1	0.11	3.1	6	4	<0.1	0.63	0.2	<1	<0.5
RP16-044	44	669978	5528092	517	0.005	0.09	0.19	0.33	1.8	1.2	0.05	0.89	0.02	3.24	0.06	0.1	5.86	8.4	1	9	0.3	0.38	<0.2	19	14.6
RP16-045	45	669989	5528093	523	0.003	0.11	0.13	0.33	0.4	2	0.03	0.36	0.02	0.97	<0.05	<0.1	2.07	4.6	2	9	0.2	0.39	<0.2	6	7.7
RP16-046	46	670002	5528070	523	0.011	0.11	0.23	0.42	1.9	1.2	0.07	1.34	0.05	3.99	0.1	0.1	6.68	11.4	2	11	0.4	0.33	<0.2	13	15
RP16-047	47	669998	5528052	525	0.004	0.15	0.19	0.28	1.1	1.3	0.07	0.88	0.02	1.95	0.05	0.1	4.61	7.8	<1	8	0.4	0.48	<0.2	10	9.5
RP16-048	48	669998	5528017	527	0.002	0.17	0.22	0.37	0.9	1.3	0.19	0.98	0.03	3.65	0.06	0.1	4.79	7.6	1	9	0.3	0.3	<0.2	8	8.3
RP16-049	49	669369	5528197	276	0.004	0.12	0.13	4.85	1.3	0.7	0.14	0.74	0.29	6.96	0.24	<0.1	3.58	122.5	1	29	0.7	0.55	<0.2	15	33.4
RP16-050	50	669394	5528200	299	0.008	0.19	0.15	6.69	1.6	0.9	0.33	1.12	0.35	14.4	0.64	<0.1	4.55	134	3	27	1.1	1.26	<0.2	22	15.4
RP16-051	51	669415	5528200	316	0.003	0.16	0.16	8.22	1.1	1.1	0.28	1.02	0.24	10.3	0.42	<0.1	3.77	63.3	3	13	0.9	1.7	<0.2	17	12.5
RP16-052	52	669445	5528199	333	0.01	0.12	0.08	3.62	0.8	1.5	0.11	0.88	0.12	5.83	0.1	0.1	4.23	63.3	1	10	0.6	0.43	<0.2	11	18.2
RP16-053	53	669468	5528201	348	0.001	0.07	0.06	3.26	0.7	0.7	0.04	0.32	0.14	2.7	<0.05	0.1	3.26	29.6	<1	15	0.3	0.13	<0.2	4	26.8
RP16-054	54	669499	5528197	365	0.002	0.16	0.12	4.28	1.1	1.1	0.13	0.86	0.18	6.77	0.17	0.2	3.55	29.3	1	19	0.6	0.76	<0.2	18	17.6
RP16-055		699525	5528201		<0.001	0.08	0.3	0.88	0.8	0.5	0.02	0.11	0.19	4.56	0.09	<0.1	0.83	5.8	6	24	0.2	3.87	<0.2	6	3.6
RP16-056	56	669550	5528203	390	0.002	0.38	0.15	1.84	0.8	1	0.15	1.12	0.13	8.48	0.2	<0.1	4.25	20	2	17	0.8	1.33	<0.2	16	16.2
RP16-057	57	669574	5528199	411	0.002	0.23	0.09	2.06	2.2	1	0.16	2.09	0.33	18.75	0.26	<0.1	6.31	52.2	2	16	1.1	0.32	<0.2	35	27.1
RP16-058	58	669593	5528200	422	0.003	0.11	0.06	0.53	0.3	0.9	0.06	0.4	0.09	1.84	0.19	<0.1	3.22	12.6	4	10	0.3	0.56	<0.2	5	16.5
RP16-059	59	669622	5528194	435	0.004	0.1	0.05	0.38	0.2	0.8	0.06	0.3	0.09	1.4	0.08	<0.1	3.12	10.6	3	9	0.3	0.47	<0.2	4	20.9
RP16-060	60	669644	5528194	446	0.002	0.06	0.03	0.17	0.2	0.6	0.03	0.2	0.07	0.58	<0.05	<0.1	3.26	3.5	<1	11	0.2	0.29	<0.2	3	16.6
RP16-061	61	669673	5528192	463	0.004	0.15	0.32	5.22	1.3	0.6	0.19	0.43	0.42	5.68	0.67	0.1	2.43	34.7	4	29	0.7	10.05	0.3	14	5.5
RP16-062	62	669691	5528166	463	0.004	0.16	0.39	5.66	1.3	0.6	0.26	0.46	0.47	5.88	0.68	0.1	2.46	35.8	5	29	0.7	9.81	0.3	14	5.6
RP16-063	63	669727	5528149	478	0.001	0.09	0.09	1.58	0.4	0.4	0.07	0.1	0.07	1.9	0.45	<0.1	0.6	14.2	<1	6	0.4	0.77	<0.2	7	1.9
RP16-064	64	669451	5528384	396	0.002	0.13	0.44	1.99	1.5	0.4	0.11	0.18	0.22	4.59	0.54	<0.1	0.99	16.2	5	64	0.4	9.46	0.4	8	3.8
RP16-065	65	669426	5528386	387	0.001	0.25	0.31	1.32	0.7	0.9	0.12	0.68	0.13	11.95	0.73	<0.1	1.88	12.9	<1	71	0.5	2.34	0.3	18	2.7
RP16-066		699400	5528387		0.002	0.64	0.12	0.91	1.2	1.8	0.23	2.55	0.12	14.95	0.3	0.2	5.41	18.3	1	35	1.1	0.39	<0.2	33	19.8
RP16-067	67	669416	5528364	382	0.001	1.14	0.1	1.76	0.8	2.1	0.21	1.59	0.08	6.36	0.25	0.1	4.83	21	<1	20	0.8	0.17	<0.2	8	20
RP16-068	68	669428	5528332	382	<0.001	0.08	0.09	0.24	0.3	1	0.03	0.17	0.03	0.24	<0.05	<0.1	1.48	3.4	<1	8	0.2	0.17	<0.2	4	10.9
RP16-069	69	669442	5528318	383	0.035	0.2	0.07	1.13	0.7	1	0.06	0.54	0.11	2.64	0.05	0.1	3.64	24.8	1	14	0.6	0.38	<0.2	7	18.1
RP16-070	70	669470	5528305	391	0.003	0.15	0.07	3.31	0.5	1.1	0.11	1.05	0.08	5.07	0.08	<0.1	3.47	12	<1	5	0.6	1.11	<0.2	12	11.3
RP16-071	71	669489	5528266	393	0.001	0.23	0.14	3.43	0.7	0.9	0.18	1.01	0.19	10.05	0.46	<0.1	3.24	18.7	3	39	0.7	1.28	<0.2	24	7.5
RP16-072	72	669470	5528253	372	0.002	0.12	0.11	2.06	0.7	0.3	0.14	0.28	0.17	4.67	0.46	<0.1	1.07	23.2	2	14	0.4	14.65	<0.2	10	3.2
RP16-073	73	669495	5528244	383	<0.001	0.32	0.12	2.64	0.8	1.4	0.24	1.19	0.13	6.15	0.26	0.1	3.55	23.7	3	23	0.7	0.37	<0.2	11	11.6
RP16-074	74	669527	5528246	391	<0.001	0.21	0.09	3.06	0.8	0.7	0.22	0.57	0.17	3.92	0.48	0.1	2.72	59.6	2	9	0.4	0.14	<0.2	4	8.2
RP16-075	75	669538	5528257	400	0.001	0.1	0.16	1.87	0.5	0.7	0.08	0.29	0.14	2.44	0.23	<0.1	2.27	26.2	7	28	0.4	4.3	0.3	9	12.8
RP16-076	76	669578	5528233	420	0.001	0.17	0.19	2.16	1.3	0.6	0.17	0.79	0.25	8.82	0.56	0.2	2.65	37.2	4	46	0.7	8.03	<0.2	16	7.2
RP16-077	77	669788	5527951	471	0.003	0.13	0.08	4.01	0.5	0.6	0.18	0.39	0.09	2.79	4.28	<0.1	2.25	38.7	4	15	0.5	1.78	0.2	8	6.1
RP16-078	78	669834	5527909	472	0.002	0.12	0.09	3.61	0.8	0.4	0.17	0.46	0.14	4.42	1.2	<0.1	2.01	29.2	6	17	0.5	6.77	<0.2	12	3.1
RP16-079	79	669845	5527907	479	0.002	0.12	0.06	4.04	0.3	0.5	0.21	0.84	0.09	3.79	1.34	<0.1	1.98	27.2	3	5	0.6	1.22	<0.2	10	3
RP16-080	80	669868	5527889	492	0.006	0.14	0.16	7.8	1.4	0.6	0.18	0.47	0.17	7.63	1.06	0.1	2.11	60.9	7	25	0.8	7.01	0.3	14	7.3

Sampler	ppm Cr	ppm Cu	ppm Ga	% Fe	% K	ppm La	% Mg	ppm Mn	ppm Mo	% Na	ppm Ni	ppm P	ppm Pb	% S	ppm Sc	ppm Sr	% Ti	ppm V	ppm Zn
JT16-001																			
JT16-002	5	13.1	0.47	<1	0.03	7	0.12	4220	0.8	0.01	6.3	1270	7.1	0.13	0.5	181	0.01	5.7	30
JT16-003	43	15.1	5.06	18	0.02	4	0.93	517	1.1	0.02	26.9	400	4.1	<0.01	2.7	18	0.65	254	32
JT16-004	101	77.4	6.7	10	0.02	4	0.96	270	<0.5	0.02	34.7	520	3.5	<0.01	9	25	0.52	211	36
JT16-005	28	79.9	5.47	6	0.05	10	1.5	>10000	1.3	0.01	29.1	740	20	0.05	4.8	218	0.1	139.5	106
JT16-006	27	43.8	4.74	7	0.02	4	1.37	1120	1.1	0.02	21.3	520	6.1	0.05	7.9	423	0.12	107	37
JT16-007	36	44.7	3.7	4	0.02	11	0.91	3140	1.1	0.01	27.9	1110	10.1	0.05	7.9	69	0.08	72.8	43
JT16-008	45	27.2	8.98	13	0.01	3	1.58	913	1.9	0.01	17.3	480	15.5	0.02	4.4	14	0.21	175	73
JT16-009	23	22	4.35	5	0.03	4	3.08	2030	2.1	0.01	16.8	440	15.9	0.04	4.5	81	0.04	61.5	53
JT16-010	34	38.1	3.43	5	0.02	10	0.77	7060	1.5	0.01	16.8	760	8.1	0.04	9.8	168	0.09	64.4	28
JT16-011	17	20.3	4.61	6	0.04	5	3.23	1975	1.6	0.01	15.5	460	18.6	0.03	3.5	70	0.01	40.6	53
JT16-012	32	35.7	8.4	11	0.01	6	1.76	4480	2.5	0.02	27.1	410	21.8	0.03	5.1	25	0.25	182	52
JT16-013	20	25.8	5.26	7	0.02	5	2.12	2110	0.9	0.03	16.5	1080	7.1	0.09	6.4	259	0.09	68.5	39
JT16-014	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
JT16-015	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
JT16-016	66	53.8	6.81	12	0.02	6	3.84	3220	11	0.1	50	460	15.3	0.06	14	44	0.35	207	85
JT16-017	23	46.2	6.19	3	0.06	9	1.54	8580	12	0.07	41.3	1250	18.2	0.11	8.8	82	0.05	77.2	72
JT16-018	30	13.2	6.18	4	0.01	7	0.88	2280	<0.5	0.01	21.3	960	11.2	0.03	5.2	27	0.12	64	54
JT16-019	57	25.2	8.49	14	0.01	3	0.81	704	1.1	0.04	23.2	800	10	0.04	5.2	34	0.45	231	52
JT16-020	8	12.2	1.24	1	0.01	1	0.77	340	0.6	0.04	10.3	190	1.1	0.02	2.4	1180	0.03	21.5	14
JT16-021	5	7.5	0.82	1	0.02	3	3.41	2930	0.6	0.1	6.6	500	7.7	0.11	0.8	339	0.02	13.4	27
JT16-022	52	9.2	6.4	3	0.01	3	0.19	1480	1.5	0.02	16.9	690	14	0.03	1.2	9	0.08	120.5	44
JT16-023	15	2.9	4.07	4	<0.01	1	0.13	233	1.7	0.01	9.3	430	7.2	0.01	0.4	2	0.07	140	21
JT16-024	33	6.2	3.61	1	0.01	5	6.53	2010	1.6	0.03	13.9	1250	10.7	0.06	1.3	38	0.01	44.7	18
JT16-025	50	57	14.3	10	0.02	2	1.67	2250	53.3	0.01	42	1800	44.2	0.01	8.5	11	0.07	269	94
JT16-026	22	6.2	7.85	7	0.01	4	0.86	1505	6.3	0.01	14.9	630	18.3	0.02	2	15	0.11	118	65
JT16-027	27	24.1	7.88	2	0.02	8	3.44	>10000	9.4	0.01	37.6	1000	19.9	0.03	7.3	46	0.08	105	70
JT16-028	61	41.7	6.41	9	0.01	4	0.77	369	1.7	0.01	24.6	540	2.1	<0.01	6.5	29	0.48	211	33
JT16-029	11	10.8	2.67	3	0.02	6	0.42	1160	2.1	0.23	10.6	740	6.8	0.24	2.2	18	<0.01	45.8	37
JT16-030	25	10.8	9.81	12	0.02	3	0.85	1600	1.5	0.01	11.8	1750	11.3	0.04	5.4	8	0.01	148.5	52
JT16-031	46	26.6	12.5	13	0.01	2	1.55	2760	8.8	0.01	35	860	23.3	0.05	4.3	20	0.29	205	69
JT16-032	111	151.5	6.95	10	0.01	4	1.24	329	0.5	0.02	52.3	730	3.3	0.06	23.5	9	0.42	203	47
JT16-033	74	35	5.59	10	0.02	4	0.71	348	<0.5	0.02	25.2	800	5	0.06	5.3	13	0.17	179	24
JT16-034	115	62.2	9.45	11	0.01	3	0.75	233	1.3	0.02	54	1290	7.4	0.06	12.3	6	0.24	191	52
JT16-035	51	62.8	8.26	9	0.02	3	1.08	393	4.7	0.02	34.2	500	8.9	0.02	12.3	7	0.01	175	28
JT16-036	65	33.3	7.6	9	0.02	5	1.22	1480	4.9	0.02	46.7	640	12.2	0.05	7.7	29	0.06	148.5	54
JT16-037	64	41.7	13.15	8	0.03	13	2.67	5070	15.2	0.01	51.4	1000	35.8	0.02	24.7	9	0.04	175.5	46
JT16-038	59	61.2	9.74	10	0.02	7	2.03	1780	5.5	0.02	51.9	790	13.5	0.03	18.1	11	0.21	174	40
JT16-039	25	5.8	5.96	4	0.01	6	4.7	2060	2.1	0.02	14.4	650	13	0.05	8	31	0.02	134	16
JT16-040	8	6	2.27	<1	0.01	2	7.4	3870	<0.5	0.05	5.3	970	5.2	0.1	0.4	53	<0.01	31	15
JT16-041	34	3.9	6.69	1	0.01	4	5.19	3510	1.1	0.05	20.1	980	10.8	0.07	1.5	34	0.01	91	15
JT16-042	56	15.2	11.7	10	0.01	2	1.1	827	11.3	0.01	28.5	810	17.3	0.02	4.7	6	0.1	240	26
JT16-043	20	12	13.65	16	0.02	2	1.14	710	4.7	0.02	14.3	1830	12.5	0.03	9.6	8	0.01	279	46
JT16-044	48	14.9	11.25	3	0.02	6	5.69	6140	4.5	0.03	37.7	1450	21.3	0.05	5.5	38	0.02	118.5	36
JT16-045	73	17.4	10.25	6	0.02	12	4.45	5370	10.9	0.02	53.5	1750	36.3	0.06	8.1	32	0.02	164.5	43
JT16-046	16	8.9	3.84	1	0.02	4	6.79	3640	1.2	0.02	12.4	820	16.3	0.08	1.2	59	0.01	81.2	23
JT16-047	64	13.2	7.77	5	0.02	10	4.18	2360	1.7	0.02	29.7	990	30.8	0.06	5.8	37	0.03	192	35
JT16-048	40	17	14.1	6	0.02	6	2.03	4770	6.1	0.01	41.6	2290	37.5	0.04	6.5	15	0.04	148	84
JT16-049	67	17.9	7.79	17	0.02	1	1.85	600	<0.5	0.02	26.6	1250	8.9	0.03	8.4	38	0.16	249	51
JT16-050	64	59.9	10.15	14	0.01	6	2.05	1440	0.7	0.02	58	970	7.6	0.02	18.5	32	0.28	230	44
JT16-051	45	21.5	8.75	6	0.02	8	1.77	5460	0.7	0.02	30.6	2310	11.4	0.07	8.6	113	0.06	79.2	91
JT16-052	30	38.1	6.1	5	0.03	8	2.34	6120	2.3	0.02	37.3	1340	13.9	0.08	7.9	301	0.06	67.4	52
JT16-053	40	47.5	8.2	7	0.02	8	1.86	2420	1.2	0.02	39	1010	11.9	0.08	14.5	43	0.15	103	86
JT16-054	112	86.3	10.45	17	0.02	2	0.78	243	<0.5	0.02	36.7	1320	4.8	0.02	22.5	14	0.58	326	57

Sampler	ppm Cr	ppm Cu	ppm Ga	% Fe	% K	ppm La	% Mg	ppm Mn	ppm Mo	% Na	ppm Ni	ppm P	ppm Pb	% S	ppm Sc	ppm Sr	% Ti	ppm V	ppm Zn
JT16-055	25	30.5	7.19	7	0.03	7	0.93	6890	0.8	0.02	25.7	1940	12.8	0.06	9.6	199	0.04	115.5	89
JT16-056	102	192.5	11.9	9	0.02	12	2.1	3340	0.7	0.01	62.5	1020	12.7	0.07	35.4	12	0.12	170.5	50
JT16-057	48	73.7	12.05	7	0.02	17	3.07	4900	2.6	0.02	57	1600	19.9	0.06	24	37	0.01	130.5	49
JT16-058	51	88.1	12.45	9	0.03	7	2.87	2610	3.6	0.02	63.6	700	11	0.02	24.2	24	0.12	128	174
JT16-059	66	71.7	11.15	8	0.02	10	1.98	2430	2.7	0.02	67.5	890	12.1	0.02	25.1	20	0.2	163	42
JT16-060	66	32.6	8.61	14	0.01	2	2.01	855	2.1	0.02	43.8	2250	10.4	0.02	8.4	21	0.36	174	84
JT16-061	103	84.8	8.79	13	0.02	6	1.34	360	1.5	0.02	83.8	570	10.6	0.01	22.8	20	0.45	217	122
JT16-062	91	51.2	9.57	15	0.01	3	2.28	287	9.1	0.02	77.9	810	9.6	0.01	14.1	14	0.42	242	145
JT16-063	33	24.9	7.53	6	0.03	8	2.63	6080	7.7	0.04	45.7	2060	23.5	0.06	7.8	24	0.06	75.3	60
JT16-064	33	17.4	6.95	4	0.01	5	1	4500	3.2	0.07	37.4	1060	15.1	0.07	5.7	19	0.12	97.3	42
JT16-065	72	38.3	8.35	13	0.01	4	1.23	278	5.6	0.01	52.2	730	10.5	<0.01	12.6	12	0.3	206	48
JT16-066	60	55.5	9.12	11	0.02	2	1.02	464	1.8	0.01	27.1	1300	5.2	<0.01	18.9	11	<0.01	213	38
JT16-067	30	35.1	10.35	8	0.03	10	1.52	3240	17.1	0.04	36.5	940	21.5	0.04	13.7	25	0.01	150	41
JT16-068	28	38.2	12.45	5	0.02	9	2.1	2600	16.4	0.02	46.6	660	24.2	0.02	12.9	15	0.03	112.5	26
JT16-069	12	19.7	3.81	2	0.01	5	7.11	2110	10	0.01	24	1070	11.8	0.03	2.3	104	0.01	46.4	26
JT16-070	46	18.1	16.05	6	0.02	7	3.03	2670	10.2	0.02	40.1	1130	18.1	0.02	18.6	32	0.02	158.5	33
JT16-071	13	10.9	2.56	1	0.01	2	8.38	450	5.9	0.01	15.3	250	10.7	0.01	3.8	68	0.02	54.1	9
JT16-072	50	26.3	14.55	8	0.02	11	2.55	6150	10.9	0.01	59.8	640	43.1	0.01	12.5	16	0.03	291	49
JT16-073	20	5.3	6.08	3	0.01	4	1.29	4690	2.3	<0.01	16	440	24.8	0.01	4.3	11	0.04	158	16
JT16-074	21	5.3	7.21	3	0.02	2	2.07	2080	11.4	<0.01	15.2	860	19.4	0.01	2.1	15	0.03	171.5	25
RP16-001	32	32.3	7.12	9	0.03	9	5.12	8310	10.6	0.03	36.1	1640	32.4	0.08	8.4	41	0.05	83.9	70
RP16-002	19	29	2.64	3	0.02	4	0.81	1095	4.6	0.07	17	770	10.9	0.14	1.4	36	0.04	46.2	40
RP16-003	49	42.1	9.61	8	0.05	16	3.55	3200	19.9	0.02	81.2	1110	44.7	0.03	18.9	37	<0.01	107	72
RP16-004	30	15.9	4.45	7	0.02	7	0.94	3970	1.6	0.05	23.7	1490	20.3	0.11	3.6	63	0.23	66.1	106
RP16-005	33	19.6	5.09	4	0.05	10	2.37	8980	4.5	0.08	43.7	1750	38.4	0.14	5.3	48	0.02	38	61
RP16-006	24	13.3	5.57	15	0.02	3	0.27	136	0.8	0.05	5.4	840	3.2	0.07	3.7	9	0.31	297	14
RP16-007	82	31.5	6.75	12	0.02	5	0.8	893	2	0.05	27.1	1330	7.8	0.11	10.4	20	0.43	202	48
RP16-008	6	15.8	0.49	<1	0.01	4	0.27	3420	0.6	0.14	3.8	450	5.5	0.2	0.3	44	0.02	12.8	60
RP16-009	4	14.3	0.31	1	0.01	3	0.39	4350	1.3	0.15	5.6	540	7.6	0.21	0.3	54	<0.01	3.5	63
RP16-010	23	7.8	6.07	13	0.02	3	0.76	150	<0.5	0.06	7.8	900	<0.5	0.11	5.5	10	0.02	181.5	28
RP16-011	91	85.9	7.76	13	0.01	2	0.85	309	1.2	0.02	33.9	600	6.3	0.07	21.5	10	0.41	258	44
RP16-012	32	49.7	2.89	3	0.02	8	0.84	2430	2	0.15	27.4	1120	8.1	0.27	6.5	48	0.09	57.3	41
RP16-013	2	6.4	0.16	1	0.02	4	0.08	20	<0.5	0.05	1.6	440	1.7	0.13	0.3	19	0.01	3.4	10
RP16-014	107	60.5	10.6	18	0.01	1	0.31	88	0.8	0.02	13.9	630	5.1	0.06	12.3	6	0.75	307	18
RP16-015	56	18.6	10.1	22	0.01	2	0.22	118	0.9	0.03	6.4	670	4.9	0.05	3.5	9	0.59	419	18
RP16-016	80	33.7	10.15	19	0.01	1	0.25	86	0.8	0.02	14.6	550	7.2	0.05	5.1	10	0.77	354	28
RP16-017	43	20.6	5.54	9	0.02	4	0.29	1155	1.3	0.03	13.4	770	13	0.11	4.8	33	0.34	162.5	63
RP16-018																			
RP16-019	45	34.5	5.23	11	0.02	4	1.65	1090	0.9	0.06	21.5	780	6.9	0.1	6.7	88	0.32	180	45
RP16-020	3	7.1	0.22	1	0.03	5	0.32	201	0.6	0.16	4.3	500	5.2	0.25	0.3	36	0.01	3.1	15
RP16-021																			
RP16-022	12	10	2.36	3	0.02	4	6.04	1750	14.9	0.03	18.4	750	13	0.06	2.6	65	0.01	45.2	53
RP16-023	26	4.8	6.43	6	0.02	5	2.92	1335	17	0.05	18.8	920	24.9	0.09	3.3	17	0.04	107	85
RP16-024	2	3.6	0.32	1	0.01	4	0.44	192	<0.5	0.05	2.2	450	6.4	0.14	0.3	20	<0.01	9.1	16
RP16-025	4	4.8	0.62	1	0.02	4	0.24	686	0.9	0.13	3.8	460	3.9	0.25	0.5	52	0.03	14.5	15
RP16-026	2	2.6	0.19	2	0.02	4	0.1	144	<0.5	0.06	1.8	450	1.5	0.18	0.3	71	0.01	3.4	19
RP16-027	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16-028	23	7.2	6.66	4	0.04	6	1.04	985	4.5	0.06	24.9	2230	17.4	0.17	1.2	27	0.04	52.9	26
RP16-029	2	2	0.17	<1	0.02	5	0.4	71	<0.5	0.06	1.5	490	1.4	0.19	0.3	29	<0.01	3.1	14
RP16-030	1	2.6	0.05	1	0.03	4	0.1	58	<0.5	0.22	1.3	380	3.9	0.27	0.1	19	<0.01	1.3	14
RP16-031																			
RP16-032	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16-033	4	2.2	0.15	<1	0.02	5	0.12	62	<0.5	0.06	1.6	400	0.8	0.17	0.3	38	0.01	2.1	20

Sampler	ppm Cr	ppm Cu	ppm Ga	% Fe	% K	ppm La	% Mg	ppm Mn	ppm Mo	% Na	ppm Ni	ppm P	ppm Pb	% S	ppm Sc	ppm Sr	% Ti	ppm V	ppm Zn
RP16-034	2	2.8	0.2	1	0.03	5	0.07	53	<0.5	0.06	3.1	520	0.6	0.18	0.4	22	0.01	3.6	9
RP16-035	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16-036	1	3.4	0.04	1	0.02	4	0.1	8	<0.5	0.14	2.6	430	2.2	0.22	0.1	20	<0.01	0.6	11
RP16-037	48	12.4	7.08	12	0.01	2	1.01	170	6.3	0.02	23.4	490	18.3	0.03	3.4	7	0.3	183.5	60
RP16-038	2	4.1	0.17	<1	0.01	7	0.1	142	0.5	0.01	2.5	470	1	0.1	0.2	44	0.01	3.2	18
RP16-039	3	3.8	0.24	2	0.01	5	0.19	559	0.5	0.05	2.8	500	<0.5	0.16	0.3	45	0.01	4.6	19
RP16-040	13	7.9	1.33	4	0.03	4	0.37	166	1.3	0.06	6.6	630	3.9	0.16	1	29	0.05	36.9	20
RP16-041	52	32.6	9.15	12	0.02	5	1.1	3230	4.2	0.03	25.6	1070	11.9	0.08	9	22	0.14	191.5	86
RP16-042	80	82.4	6.94	11	0.01	3	0.82	216	1.3	0.02	29.5	680	3.8	0.05	17.3	8	0.43	207	30
RP16-043	2	9.9	0.1	1	0.02	5	0.08	18	<0.5	0.28	3	440	2.3	0.37	0.2	15	0.01	2.6	16
RP16-044	96	75.5	9.73	15	0.01	3	0.64	216	1.4	0.03	25.9	630	5.5	0.07	14	7	0.48	267	36
RP16-045	59	28.1	8.32	17	0.01	2	0.41	145	0.9	0.03	12.8	650	6.2	0.07	5.4	10	0.64	333	23
RP16-046	99	101.5	9.49	13	0.01	2	0.83	266	1.8	0.02	33.6	790	6.4	0.06	16.4	6	0.49	252	39
RP16-047	88	46.6	8.86	16	0.01	3	0.42	331	1.4	0.05	17.4	970	3.7	0.09	9.8	10	0.62	300	34
RP16-048	59	24.8	9.63	15	0.01	2	0.45	225	2.9	0.02	13.3	990	9.2	0.05	6	8	0.33	217	30
RP16-049	49	20.8	14.75	8	0.02	4	1.34	2500	4.4	0.02	35.3	880	18.5	0.03	14.3	8	0.01	163.5	30
RP16-050	53	17.2	10.05	8	0.02	7	2.64	2890	7.1	0.02	50.5	730	26	0.05	9.7	16	0.06	197	32
RP16-051	62	23.9	9.99	8	0.02	7	1.95	1085	15	0.02	43.8	950	21	0.06	9.5	14	0.18	229	19
RP16-052	60	45.3	11.3	12	0.01	3	1.07	432	5.6	0.01	33.4	760	9.5	0.02	11.2	9	0.23	240	24
RP16-053	37	34.1	11.45	10	0.02	1	0.52	525	3.2	0.02	21.6	790	5.4	0.03	10.3	6	<0.01	182.5	11
RP16-054	51	34.7	16.3	10	0.01	5	0.67	1470	4.2	0.02	32.6	1160	13	0.03	9.3	13	0.27	209	35
RP16-055	5	7	1.69	2	0.03	4	1.24	3880	0.8	0.2	5.6	1140	10.6	0.28	1.2	29	0.01	27.1	29
RP16-056	53	29.9	9.11	10	0.02	7	1.28	1615	2.9	0.03	29.6	1100	13.4	0.06	11.1	15	0.27	198.5	36
RP16-057	37	29	12.3	14	0.03	5	3.03	929	16.4	0.02	31.1	850	16.6	0.02	24.1	11	0.03	213	43
RP16-058	87	36.5	5.68	13	0.02	3	1.72	154	2.5	0.05	29	860	4.2	0.07	8.4	12	0.21	225	34
RP16-059	88	36.4	5.26	12	0.01	2	1.77	123	2.1	0.02	27.8	790	5.7	0.04	8.9	11	0.12	219	28
RP16-060	87	22.9	4.09	11	0.01	1	1.85	78	0.9	0.01	25	390	4.2	0.02	9.7	9	0.02	180.5	23
RP16-061	16	16.5	5.22	3	0.01	6	6.23	7110	4.9	0.02	23.4	850	20.4	0.06	4.2	62	0.02	79.4	32
RP16-062	16	16.8	5.2	3	0.02	6	6.23	7310	5.4	0.04	23.3	850	20.9	0.08	4.3	61	0.02	79.3	32
RP16-063	18	7.4	3.83	3	0.01	2	0.4	1130	2.7	<0.01	12	620	11.8	0.03	0.6	4	0.03	51	33
RP16-064	10	10.2	3.74	2	0.02	5	5.08	>10000	4.5	0.05	21.1	930	13	0.11	1.8	63	0.02	45.4	26
RP16-065	19	7.7	11.3	4	0.03	6	1.35	>10000	3.2	0.19	14.9	1640	20.8	0.23	1.9	26	0.06	109.5	56
RP16-066	49	16.1	>20.0	12	0.01	7	1.05	4030	4.2	0.02	31.9	1240	20.2	0.02	12.2	13	0.2	219	77
RP16-067	59	21.9	17.8	16	0.02	2	1.32	1410	9.5	0.03	27.6	1020	15.3	0.04	7.7	10	0.18	259	71
RP16-068	48	9.9	7.01	14	0.02	2	0.37	143	1.4	0.05	9.3	480	4.5	0.04	6	14	0.02	320	22
RP16-069	29	14.3	10.2	12	0.01	2	1.56	569	4.9	0.02	13.3	670	8.8	0.02	8.9	10	0.1	229	29
RP16-070	63	18.8	9.1	9	0.01	3	0.92	242	8.3	0.02	27	320	10.6	0.02	9.4	10	0.35	208	14
RP16-071	25	9.9	7.96	7	0.02	7	2.21	4610	12.4	0.04	31.7	870	20.4	0.07	3.6	14	0.08	117.5	38
RP16-072	12	7.8	4.07	2	0.01	4	9.12	1855	4.6	0.04	14.9	580	6.5	0.04	2.3	76	0.01	59.7	12
RP16-073	44	27.5	10.25	11	0.03	4	1.14	831	18.9	0.01	27.7	1030	17.3	0.02	5.3	11	0.19	197	53
RP16-074	39	13.8	11.65	8	0.01	2	0.96	517	16	0.01	19.9	1260	14.2	0.02	5.3	6	0.01	202	25
RP16-075	34	17.8	7.93	5	0.02	2	2.51	2910	3.6	0.01	17.8	780	11.7	0.02	5.7	30	0.09	127	25
RP16-076	39	8.8	17.65	4	0.01	5	4.42	4830	3.5	0.01	24.7	1390	15.6	0.02	6	58	0.03	110.5	47
RP16-077	39	9.1	4.04	5	0.02	2	2.4	1610	3.9	0.01	16.7	320	18.4	0.02	3.2	11	0.03	73.9	17
RP16-078	15	7.6	3.45	3	0.02	5	4.7	1465	2.5	0.03	12.9	360	16.5	0.05	3.9	37	0.01	52	13
RP16-079	20	3.8	4.11	4	0.01	4	1.47	321	3.9	<0.01	14.1	190	19.3	0.01	3.9	8	0.03	98.3	10
RP16-080	32	18.8	4.32	3	0.03	6	4.91	2580	9.1	0.01	26.9	460	15.1	0.03	8.5	42	0.03	59.4	26

MN
interbedded limestone and volcanics
limestone
basalt
2016 Grid Location
limestone
interbedded limestone and volcanics
limestone
669,250 mE
669,500 mE
669,750 mE
670,000 mE
670,250 mE
670,500 mE
5,528,750 mN
5,528,500 mN
5,528,250 mN
5,528,000 mN
Mammoth Geological Ltd.
Tahsis Project
Soil Sample Locations
Sample Numbers
Date: 2016-11-08
Author: RT Henneberry
Office:
Figure 13a
Scale: 1:2000
Projection: UTM Zone 9 (NAD 83)
0 25 50 100
metres

Mammoth Geological Ltd.

Tahsis Project
Copper-in-Soil in ppm

Date: 2016-11-08
Author: RT Henneberry
Office:
Figure 13c
Scale: 1:2000
Projection: UTM Zone 9 (NAD 83)

MN
interbedded limestone and volcanics
limestone
basalt
2016 Grid Location
limestone
limestone
interbedded limestone and volcanics
669,250 mE
669,500 mE
669,750 mE
670,000 mE
670,250 mE
670,500 mE
5,528,750 mN
5,528,500 mN
5,528,250 mN
5,528,000 mN
Mammoth Geological Ltd.
Tahsis Project
Gold-in-Soil in ppm
Date: 2016-11-08
Author: RT Henneberry
Office:
Figure 13b
Scale: 1:2000
Projection: UTM Zone 9 (NAD 83)
0 25 50 100
metres

669,250 mE
669,500 mE
669,750 mE
670,000 mE
670,250 mE
670,500 mE
5,528,750 mN
5,528,500 mN
5,528,250 mN
5,528,000 mN
MN
interbedded limestone and volcanics
limestone
basalt
2016 Grid Location
26452, 1 ppb Au, 25 ppm Cu
limestone
limestone
interbedded limestone and volcanics
Mammoth Geological Ltd.
Tahsis Project
Rock Sample Location
Date: 2016-11-08
Author: RT Henneberry
Office:
Figure 13d
Scale: 1:2000
Projection: UTM Zone 9 (NAD 83)
0 25 50 100
metres

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: MAMMOTH GEOLOGICAL LTD.
704- 1060 ALBERNI STREET
VANCOUVER BC V6E 4K2

Finalized Date: 29- SEP- 2016
Account: MAMGEO

CERTIFICATE VA16155677

Project: Tahsis Project

This report is for 74 Soil samples submitted to our lab in Vancouver, BC, Canada on 12- SEP- 2016.

The following have access to data associated with this certificate:

HENNEBERRY		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 24	Pulp Login - Rcd w/o Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL43	Trace Level Au - 25g AR	ICP- MS
ME- MS43	Up to 11 elements 25g A/R MS	ICP- MS
ME- ICP43	Up to 18 element add- on AR Au	ICP- AES

To: MAMMOTH GEOLOGICAL LTD.
ATTN: HENNEBERRY
704- 1060 ALBERNI STREET
VANCOUVER BC V6E 4K2

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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To: MAMMOTH GEOLOGICAL LTD.
704- 1060 ALBERNI STREET
VANCOUVER BC V6E 4K2

Finalized Date: 29- SEP- 2016
Account: MAMGEO

Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155677

Sample Description	Method	WEI- 21	Au- TL43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- ICP43	ME- ICP43	ME- ICP43
	Analyte	Recvd Wt.	Au	Bi	Hg	Sb	Se	Sn	Te	Th	Tl	U	W	Ag	Al	As
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.001	0.01	0.01	0.05	0.2	0.1	0.01	0.05	0.02	0.05	0.05	0.1	0.01	0.5
JT16- 002		0.14	<0.001	0.09	0.45	0.27	2.0	0.3	0.04	0.20	0.13	9.38	0.13	<0.1	0.34	3.9
JT16- 003		0.02	<0.001	0.07	0.09	0.25	<0.2	1.1	0.04	0.37	<0.02	0.30	0.10	0.1	1.48	6.0
JT16- 004		0.10	0.001	0.06	0.19	0.24	1.6	0.7	0.09	0.80	0.03	1.68	0.22	<0.1	5.48	5.0
JT16- 005		0.14	0.005	0.32	0.39	0.40	2.7	1.3	0.48	0.67	0.35	9.96	0.13	0.1	3.26	13.2
JT16- 006		0.26	0.002	0.11	0.22	0.24	1.0	0.7	0.31	0.46	0.08	2.96	0.06	0.1	2.45	7.4
JT16- 007		0.08	0.004	0.10	0.53	1.33	2.7	0.4	0.20	0.11	0.28	10.20	0.22	<0.1	2.35	23.4
JT16- 008		0.18	0.002	0.30	0.12	1.09	0.5	1.2	0.59	1.02	0.09	4.40	<0.05	0.1	3.81	13.8
JT16- 009		0.16	0.003	0.20	0.20	1.73	1.2	0.7	0.28	0.74	0.18	4.49	0.36	<0.1	3.28	15.9
JT16- 010		0.14	0.001	0.12	0.60	0.72	3.0	0.5	0.21	0.22	0.19	26.6	0.29	0.1	2.69	13.4
JT16- 011		0.18	0.001	0.23	0.19	0.77	1.0	0.6	0.25	0.90	0.13	4.21	0.44	0.1	3.27	15.1
JT16- 012		0.28	0.002	0.24	0.29	0.65	1.1	1.2	0.18	1.14	0.08	3.90	0.06	0.1	3.08	14.2
JT16- 013		0.12	0.001	0.10	0.19	0.32	1.2	0.6	0.12	0.41	0.06	3.01	0.09	0.1	2.57	10.4
JT16- 014		0.18	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
JT16- 015		0.10	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
JT16- 016		0.16	0.010	0.21	0.46	9.43	2.2	1.1	0.69	1.24	0.68	7.75	0.54	<0.1	5.27	37.8
JT16- 017		0.16	0.003	0.32	0.60	8.50	3.3	1.1	0.81	0.47	0.49	9.89	0.48	0.1	3.00	76.3
JT16- 018		0.22	0.001	0.26	0.11	0.60	1.5	0.8	0.15	1.09	0.10	8.09	0.17	0.1	2.58	24.1
JT16- 019		0.20	0.002	0.25	0.11	0.61	0.6	1.2	0.25	0.66	0.05	2.10	0.08	0.1	2.27	22.9
JT16- 020		0.54	<0.001	0.04	0.06	0.25	0.4	0.2	0.09	0.18	0.09	3.09	0.07	0.1	0.62	3.3
JT16- 021		0.28	0.001	0.09	0.14	0.15	0.9	0.3	0.07	0.11	0.14	3.58	0.07	<0.1	0.57	2.8
JT16- 022		0.14	<0.001	0.16	0.08	0.85	0.4	0.6	0.08	0.37	0.03	2.29	0.42	0.1	1.09	26.3
JT16- 023		0.16	<0.001	0.13	0.02	2.95	0.2	0.6	0.08	0.24	0.03	1.46	0.81	<0.1	0.56	25.2
JT16- 024		0.18	0.001	0.07	0.24	2.09	1.0	0.3	0.10	0.16	0.11	4.60	0.51	0.1	1.11	22.8
JT16- 025		0.18	0.004	0.21	0.14	30.2	1.7	1.0	0.46	0.65	0.19	11.15	0.65	<0.1	3.90	154.5
JT16- 026		0.16	0.001	0.24	0.12	3.52	0.5	1.0	0.17	0.74	0.13	6.57	0.56	0.1	1.78	21.5
JT16- 027		0.20	0.004	0.21	0.57	7.34	2.3	0.8	0.29	0.52	0.41	9.03	1.00	0.2	2.71	42.8
JT16- 028		0.18	0.004	0.06	0.17	0.34	1.1	0.8	0.06	0.42	0.04	1.38	0.14	0.1	2.67	7.9
JT16- 029		0.16	<0.001	0.09	0.11	0.16	0.4	0.3	0.06	0.21	0.06	3.15	0.05	<0.1	1.69	9.1
JT16- 030		0.22	0.001	0.27	0.17	0.29	0.8	0.9	0.07	0.68	0.06	2.57	0.09	<0.1	3.16	11.8
JT16- 031		0.22	0.008	0.17	0.23	4.56	0.7	0.9	0.25	0.65	0.09	8.17	<0.05	0.1	2.48	21.6
JT16- 032		0.34	0.005	0.05	0.22	0.23	1.9	0.7	0.03	1.09	0.03	3.37	0.08	<0.1	6.89	8.0
JT16- 033		0.20	0.001	0.06	0.12	0.29	0.2	0.6	0.03	0.24	0.02	0.58	0.07	<0.1	2.67	7.7
JT16- 034		0.28	0.002	0.12	0.25	0.70	1.3	0.7	0.11	1.11	0.08	4.25	0.07	0.1	8.24	20.0
JT16- 035		0.30	0.002	0.10	0.08	1.02	0.7	0.6	0.10	0.78	0.16	4.57	0.08	<0.1	4.15	44.0
JT16- 036		0.26	0.001	0.16	0.17	3.18	0.8	0.7	0.17	0.54	0.21	8.16	0.21	0.1	3.93	71.4
JT16- 037		0.32	0.134	0.23	0.42	9.30	2.9	0.9	0.40	1.89	0.54	13.75	0.75	0.2	5.18	217
JT16- 038		0.30	0.121	0.10	0.14	3.46	1.8	0.7	0.13	0.94	0.20	7.68	0.30	0.1	4.51	158.0
JT16- 039		0.28	0.003	0.08	0.16	2.27	1.1	0.4	0.10	0.33	0.11	7.81	0.38	0.1	2.16	51.1
JT16- 040		0.28	0.001	0.04	0.11	1.01	0.6	0.1	0.04	0.07	0.12	4.47	0.13	0.1	0.34	8.4
JT16- 041		0.22	0.001	0.07	0.13	1.21	0.8	0.3	0.09	0.19	0.12	2.84	0.34	<0.1	0.90	21.6

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

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To: MAMMOTH GEOLOGICAL LTD.
704- 1060 ALBERNI STREET
VANCOUVER BC V6E 4K2

Finalized Date: 29- SEP- 2016
Account: MAMGEO

Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155677

Sample Description	Method / Analyte / Units / LOR	ME- ICP43 B ppm 1	ME- ICP43 Ba ppm 1	ME- ICP43 Be ppm 0.1	ME- ICP43 Ca % 0.01	ME- ICP43 Cd ppm 0.2	ME- ICP43 Ce ppm 1	ME- ICP43 Co ppm 0.5	ME- ICP43 Cr ppm 1	ME- ICP43 Cu ppm 0.2	ME- ICP43 Fe % 0.01	ME- ICP43 Ga ppm 1	ME- ICP43 K % 0.01	ME- ICP43 La ppm 1	ME- ICP43 Mg % 0.01	ME- ICP43 Mn ppm 1
JT16- 002		21	49	0.1	5.82	0.3	9	1.0	5	13.1	0.47	<1	0.03	7	0.12	4220
JT16- 003		10	13	0.1	0.62	<0.2	5	10.9	43	15.1	5.06	18	0.02	4	0.93	517
JT16- 004		15	9	0.3	0.97	<0.2	9	13.6	101	77.4	6.70	10	0.02	4	0.96	270
JT16- 005		10	144	0.6	3.12	0.7	30	21.5	28	79.9	5.47	6	0.05	10	1.50	>10000
JT16- 006		4	33	0.3	11.55	0.2	14	14.0	27	43.8	4.74	7	0.02	4	1.37	1120
JT16- 007		14	37	0.4	2.46	0.3	15	13.8	36	44.7	3.70	4	0.02	11	0.91	3140
JT16- 008		3	19	0.5	0.51	<0.2	14	16.8	45	27.2	8.98	13	0.01	3	1.58	913
JT16- 009		5	29	0.6	3.41	0.2	20	9.1	23	22.0	4.35	5	0.03	4	3.08	2030
JT16- 010		13	50	0.4	3.03	0.2	22	16.0	34	38.1	3.43	5	0.02	10	0.77	7060
JT16- 011		8	32	0.7	2.25	0.2	22	7.7	17	20.3	4.61	6	0.04	5	3.23	1975
JT16- 012		4	31	0.5	1.26	<0.2	24	13.1	32	35.7	8.40	11	0.01	6	1.76	4480
JT16- 013		7	34	0.3	8.69	<0.2	15	12.7	20	25.8	5.26	7	0.02	5	2.12	2110
JT16- 014		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
JT16- 015		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
JT16- 016		15	32	0.8	1.32	0.5	24	25.7	66	53.8	6.81	12	0.02	6	3.84	3220
JT16- 017		18	69	0.6	3.98	0.7	25	17.3	23	46.2	6.19	3	0.06	9	1.54	8580
JT16- 018		5	20	0.7	0.70	<0.2	25	10.6	30	13.2	6.18	4	0.01	7	0.88	2280
JT16- 019		5	14	0.3	1.26	0.3	7	13.1	57	25.2	8.49	14	0.01	3	0.81	704
JT16- 020		4	27	0.1	>15.0	<0.2	6	3.2	8	12.2	1.24	1	0.01	1	0.77	340
JT16- 021		10	133	0.1	>15.0	<0.2	6	1.4	5	7.5	0.82	1	0.02	3	3.41	2930
JT16- 022		2	14	0.4	0.57	0.2	7	6.2	52	9.2	6.40	3	0.01	3	0.19	1480
JT16- 023		2	2	0.1	0.14	<0.2	3	1.7	15	2.9	4.07	4	<0.01	1	0.13	233
JT16- 024		4	15	0.7	11.35	<0.2	9	2.7	33	6.2	3.61	1	0.01	5	6.53	2010
JT16- 025		5	17	0.7	0.63	<0.2	12	41.5	50	57.0	14.30	10	0.02	2	1.67	2250
JT16- 026		4	17	0.4	1.28	<0.2	16	6.7	22	6.2	7.85	7	0.01	4	0.86	1505
JT16- 027		7	92	0.7	4.71	0.5	25	10.5	27	24.1	7.88	2	0.02	8	3.44	>10000
JT16- 028		12	10	0.2	2.14	0.2	11	9.8	61	41.7	6.41	9	0.01	4	0.77	369
JT16- 029		4	28	0.3	0.98	<0.2	10	10.6	11	10.8	2.67	3	0.02	6	0.42	1160
JT16- 030		3	14	0.3	0.24	<0.2	9	14.0	25	10.8	9.81	12	0.02	3	0.85	1600
JT16- 031		4	26	0.4	1.00	<0.2	10	24.4	46	26.6	12.50	13	0.01	2	1.55	2760
JT16- 032		6	9	0.4	0.52	<0.2	26	20.4	111	151.5	6.95	10	0.01	4	1.24	329
JT16- 033		4	8	0.2	0.30	<0.2	5	11.3	74	35.0	5.59	10	0.02	4	0.71	348
JT16- 034		5	11	0.8	0.16	<0.2	18	26.5	115	62.2	9.45	11	0.01	3	0.75	233
JT16- 035		3	19	0.5	0.27	<0.2	18	24.3	51	62.8	8.26	9	0.02	3	1.08	393
JT16- 036		5	32	0.7	1.41	<0.2	18	20.7	65	33.3	7.60	9	0.02	5	1.22	1480
JT16- 037		5	50	1.5	0.58	<0.2	32	21.3	64	41.7	13.15	8	0.03	13	2.67	5070
JT16- 038		6	19	0.7	0.71	<0.2	23	25.5	59	61.2	9.74	10	0.02	7	2.03	1780
JT16- 039		6	23	0.7	7.16	<0.2	14	9.2	25	5.8	5.96	4	0.01	6	4.70	2060
JT16- 040		7	23	0.2	13.00	<0.2	3	0.6	8	6.0	2.27	<1	0.01	2	7.40	3870
JT16- 041		5	26	0.4	8.96	<0.2	8	2.5	34	3.9	6.69	1	0.01	4	5.19	3510

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Finalized Date: 29- SEP- 2016
Account: MAMGEO

Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155677

Sample Description	Method / Analyte / Units / LOR	ME- ICP43 Mo ppm 0.5	ME- ICP43 Na % 0.01	ME- ICP43 Ni ppm 0.5	ME- ICP43 P ppm 10	ME- ICP43 Pb ppm 0.5	ME- ICP43 S % 0.01	ME- ICP43 Sc ppm 0.1	ME- ICP43 Sr ppm 1	ME- ICP43 Ti % 0.01	ME- ICP43 V ppm 0.5	ME- ICP43 Zn ppm 1
JT16- 002		0.8	0.01	6.3	1270	7.1	0.13	0.5	181	0.01	5.7	30
JT16- 003		1.1	0.02	26.9	400	4.1	<0.01	2.7	18	0.65	254	32
JT16- 004		<0.5	0.02	34.7	520	3.5	<0.01	9.0	25	0.52	211	36
JT16- 005		1.3	0.01	29.1	740	20.0	0.05	4.8	218	0.10	139.5	106
JT16- 006		1.1	0.02	21.3	520	6.1	0.05	7.9	423	0.12	107.0	37
JT16- 007		1.1	0.01	27.9	1110	10.1	0.05	7.9	69	0.08	72.8	43
JT16- 008		1.9	0.01	17.3	480	15.5	0.02	4.4	14	0.21	175.0	73
JT16- 009		2.1	0.01	16.8	440	15.9	0.04	4.5	81	0.04	61.5	53
JT16- 010		1.5	0.01	16.8	760	8.1	0.04	9.8	168	0.09	64.4	28
JT16- 011		1.6	0.01	15.5	460	18.6	0.03	3.5	70	0.01	40.6	53
JT16- 012		2.5	0.02	27.1	410	21.8	0.03	5.1	25	0.25	182.0	52
JT16- 013		0.9	0.03	16.5	1080	7.1	0.09	6.4	259	0.09	68.5	39
JT16- 014		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
JT16- 015		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
JT16- 016		11.0	0.10	50.0	460	15.3	0.06	14.0	44	0.35	207	85
JT16- 017		12.0	0.07	41.3	1250	18.2	0.11	8.8	82	0.05	77.2	72
JT16- 018		<0.5	0.01	21.3	960	11.2	0.03	5.2	27	0.12	64.0	54
JT16- 019		1.1	0.04	23.2	800	10.0	0.04	5.2	34	0.45	231	52
JT16- 020		0.6	0.04	10.3	190	1.1	0.02	2.4	1180	0.03	21.5	14
JT16- 021		0.6	0.10	6.6	500	7.7	0.11	0.8	339	0.02	13.4	27
JT16- 022		1.5	0.02	16.9	690	14.0	0.03	1.2	9	0.08	120.5	44
JT16- 023		1.7	0.01	9.3	430	7.2	0.01	0.4	2	0.07	140.0	21
JT16- 024		1.6	0.03	13.9	1250	10.7	0.06	1.3	38	0.01	44.7	18
JT16- 025		53.3	0.01	42.0	1800	44.2	0.01	8.5	11	0.07	269	94
JT16- 026		6.3	0.01	14.9	630	18.3	0.02	2.0	15	0.11	118.0	65
JT16- 027		9.4	0.01	37.6	1000	19.9	0.03	7.3	46	0.08	105.0	70
JT16- 028		1.7	0.01	24.6	540	2.1	<0.01	6.5	29	0.48	211	33
JT16- 029		2.1	0.23	10.6	740	6.8	0.24	2.2	18	<0.01	45.8	37
JT16- 030		1.5	0.01	11.8	1750	11.3	0.04	5.4	8	0.01	148.5	52
JT16- 031		8.8	0.01	35.0	860	23.3	0.05	4.3	20	0.29	205	69
JT16- 032		0.5	0.02	52.3	730	3.3	0.06	23.5	9	0.42	203	47
JT16- 033		<0.5	0.02	25.2	800	5.0	0.06	5.3	13	0.17	179.0	24
JT16- 034		1.3	0.02	54.0	1290	7.4	0.06	12.3	6	0.24	191.0	52
JT16- 035		4.7	0.02	34.2	500	8.9	0.02	12.3	7	0.01	175.0	28
JT16- 036		4.9	0.02	46.7	640	12.2	0.05	7.7	29	0.06	148.5	54
JT16- 037		15.2	0.01	51.4	1000	35.8	0.02	24.7	9	0.04	175.5	46
JT16- 038		5.5	0.02	51.9	790	13.5	0.03	18.1	11	0.21	174.0	40
JT16- 039		2.1	0.02	14.4	650	13.0	0.05	8.0	31	0.02	134.0	16
JT16- 040		<0.5	0.05	5.3	970	5.2	0.10	0.4	53	<0.01	31.0	15
JT16- 041		1.1	0.05	20.1	980	10.8	0.07	1.5	34	0.01	91.0	15

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ALS Minerals

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Finalized Date: 29- SEP- 2016
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Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155677

Sample Description	Method	WEI- 21	Au- TL43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- ICP43	ME- ICP43	ME- ICP43
	Analyte	Recvd Wt.	Au	Bi	Hg	Sb	Se	Sn	Te	Th	Tl	U	W	Ag	Al	As
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.001	0.01	0.01	0.05	0.2	0.1	0.01	0.05	0.02	0.05	0.05	0.1	0.01	0.5
JT16- 042		0.26	0.001	0.28	0.06	5.98	0.6	1.0	0.27	0.82	0.14	3.13	0.56	<0.1	2.82	109.0
JT16- 043		0.32	<0.001	0.13	0.08	1.87	0.6	0.9	0.11	0.49	0.12	1.81	0.09	<0.1	4.23	49.0
JT16- 044		0.28	0.002	0.12	0.12	4.38	1.3	0.5	0.22	0.55	0.31	5.76	0.60	0.1	2.27	56.9
JT16- 045		0.28	0.004	0.19	0.15	5.62	1.9	0.8	0.37	1.07	0.31	13.00	0.66	0.1	4.07	72.0
JT16- 045B		0.04	0.001	0.06	0.02	0.51	0.4	1.0	0.02	1.11	0.06	0.28	0.48	0.2	1.43	4.3
JT16- 046		0.26	0.001	0.12	0.12	4.12	0.8	0.3	0.10	0.17	0.18	4.37	0.37	0.1	1.26	25.1
JT16- 047		0.22	0.001	0.24	0.16	4.03	1.1	0.8	0.32	0.92	0.18	9.52	0.62	0.1	3.47	42.2
JT16- 048		0.26	0.003	0.27	0.15	6.45	1.4	0.7	0.63	1.11	0.19	7.32	0.85	0.1	3.61	83.3
JT16- 049		0.26	<0.001	0.13	0.05	0.10	0.3	1.0	0.04	0.25	0.05	1.70	<0.05	<0.1	3.35	5.1
JT16- 050		0.26	0.003	0.13	0.10	0.15	1.3	1.0	0.18	1.40	0.12	13.25	0.09	<0.1	6.45	8.8
JT16- 051		0.26	0.002	0.24	0.27	0.22	1.8	0.7	0.33	1.25	0.16	11.80	0.08	0.1	3.96	24.3
JT16- 052		0.22	0.010	0.19	0.30	0.32	1.7	0.6	0.21	0.77	0.17	6.80	0.13	0.1	3.43	24.3
JT16- 053		0.28	0.011	0.17	0.17	0.47	1.6	0.7	0.16	1.40	0.11	7.98	0.18	<0.1	3.62	33.1
JT16- 054		0.40	0.005	0.08	0.17	0.13	1.2	1.2	0.05	1.17	0.04	0.61	<0.05	0.1	6.61	5.4
JT16- 055		0.32	0.001	0.27	0.27	0.26	1.4	0.7	0.19	0.89	0.33	7.79	0.08	0.1	4.39	13.8
JT16- 056		0.26	0.014	0.20	0.19	0.41	2.9	0.9	0.10	2.14	0.16	14.35	0.14	0.1	6.51	52.0
JT16- 057		0.30	0.076	0.17	0.36	0.62	2.9	0.6	0.20	2.23	0.45	9.12	0.16	0.1	4.99	123.0
JT16- 058		0.36	0.044	0.16	0.39	1.03	1.8	0.7	0.22	1.53	0.25	4.50	0.27	<0.1	4.37	58.4
JT16- 059		0.28	0.004	0.13	0.22	0.77	2.0	0.7	0.15	1.72	0.31	8.51	0.09	0.1	6.12	30.6
JT16- 060		0.30	0.002	0.18	0.09	0.42	0.7	1.1	0.09	1.51	0.15	11.75	0.09	0.1	4.84	9.6
JT16- 061		0.34	0.005	0.16	0.08	0.37	0.8	1.1	0.08	1.83	0.18	8.43	0.05	0.1	6.52	8.3
JT16- 062		0.30	0.004	0.16	0.13	1.96	0.9	1.2	0.18	1.86	0.24	10.10	0.05	<0.1	7.43	14.3
JT16- 063		0.34	0.003	0.34	0.15	1.70	1.7	1.1	0.36	2.10	0.42	15.60	0.21	0.1	3.66	45.1
JT16- 064		0.30	0.003	0.18	0.14	0.64	1.1	0.7	0.12	0.94	0.29	11.35	0.14	0.1	2.58	18.9
JT16- 065		0.40	0.002	0.15	0.08	0.45	0.8	1.1	0.11	1.33	0.11	10.75	<0.05	0.1	5.33	10.1
JT16- 066		0.36	<0.001	0.07	0.08	<0.05	0.9	0.5	0.07	0.48	0.15	3.26	<0.05	0.1	6.71	12.2
JT16- 067		0.32	<0.001	0.16	0.14	0.73	1.8	0.9	0.18	1.21	0.38	8.59	0.09	0.1	4.46	42.8
JT16- 068		0.38	0.003	0.15	0.17	5.36	1.8	0.6	0.25	1.19	0.41	6.08	0.46	0.1	2.96	122.0
JT16- 069		0.30	0.003	0.10	0.19	3.24	1.4	0.3	0.15	0.21	0.36	5.32	0.35	0.2	1.50	35.3
JT16- 070		0.30	0.005	0.14	0.19	2.87	2.0	0.6	0.21	1.11	0.40	8.59	0.43	0.1	3.66	80.5
JT16- 071		0.30	0.003	0.05	0.08	3.60	0.5	0.2	0.11	0.18	0.11	5.43	0.44	0.1	1.04	25.4
JT16- 072		0.22	0.008	0.32	0.33	9.20	2.1	1.1	0.57	2.36	0.41	12.35	1.24	0.2	5.00	113.5
JT16- 073		0.22	0.001	0.13	0.12	6.68	0.9	0.5	0.21	0.54	0.10	5.16	1.84	<0.1	1.72	29.3
JT16- 074		0.22	0.001	0.16	0.12	4.98	0.5	0.5	0.31	0.48	0.11	6.21	1.29	<0.1	1.42	42.5

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Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155677

Sample Description	Method Analyte Units LOR	ME- ICP43 B ppm 1	ME- ICP43 Ba ppm 1	ME- ICP43 Be ppm 0.1	ME- ICP43 Ca % 0.01	ME- ICP43 Cd ppm 0.2	ME- ICP43 Ce ppm 1	ME- ICP43 Co ppm 0.5	ME- ICP43 Cr ppm 1	ME- ICP43 Cu ppm 0.2	ME- ICP43 Fe % 0.01	ME- ICP43 Ga ppm 1	ME- ICP43 K % 0.01	ME- ICP43 La ppm 1	ME- ICP43 Mg % 0.01	ME- ICP43 Mn ppm 1
JT16- 042		3	9	0.5	0.11	<0.2	5	10.4	56	15.2	11.70	10	0.01	2	1.10	827
JT16- 043		4	19	0.7	0.14	<0.2	8	18.8	20	12.0	13.65	16	0.02	2	1.14	710
JT16- 044		7	53	0.6	8.65	<0.2	13	6.7	48	14.9	11.25	3	0.02	6	5.69	6140
JT16- 045		6	51	1.1	4.79	<0.2	25	7.9	73	17.4	10.25	6	0.02	12	4.45	5370
JT16- 045B		5	110	0.2	1.02	<0.2	10	9.1	35	51.0	3.00	5	0.09	3	0.76	474
JT16- 046		8	27	0.6	12.10	0.3	8	2.3	16	8.9	3.84	1	0.02	4	6.79	3640
JT16- 047		5	31	1.3	6.13	<0.2	21	5.0	64	13.2	7.77	5	0.02	10	4.18	2360
JT16- 048		6	43	1.2	1.44	<0.2	17	16.0	40	17.0	14.10	6	0.02	6	2.03	4770
JT16- 049		5	21	0.3	0.90	<0.2	5	23.7	67	17.9	7.79	17	0.02	1	1.85	600
JT16- 050		4	19	0.9	1.19	<0.2	45	30.1	64	59.9	10.15	14	0.01	6	2.05	1440
JT16- 051		7	48	0.8	4.89	0.3	25	14.5	45	21.5	8.75	6	0.02	8	1.77	5460
JT16- 052		9	86	0.6	7.98	<0.2	21	13.2	30	38.1	6.10	5	0.03	8	2.34	6120
JT16- 053		7	37	0.6	1.92	0.3	23	16.2	40	47.5	8.20	7	0.02	8	1.86	2420
JT16- 054		4	11	0.4	0.86	<0.2	14	17.5	112	86.3	10.45	17	0.02	2	0.78	243
JT16- 055		6	90	0.8	4.28	0.3	22	18.6	25	30.5	7.19	7	0.03	7	0.93	6890
JT16- 056		5	30	1.0	0.27	<0.2	57	33.0	102	192.5	11.90	9	0.02	12	2.10	3340
JT16- 057		5	37	0.8	2.84	<0.2	32	24.6	48	73.7	12.05	7	0.02	17	3.07	4900
JT16- 058		5	29	0.8	1.28	0.4	26	33.2	51	88.1	12.45	9	0.03	7	2.87	2610
JT16- 059		6	27	0.9	1.38	<0.2	39	28.8	66	71.7	11.15	8	0.02	10	1.98	2430
JT16- 060		6	18	0.7	1.55	<0.2	15	18.2	66	32.6	8.61	14	0.01	2	2.01	855
JT16- 061		6	20	0.8	1.12	0.3	27	33.5	103	84.8	8.79	13	0.02	6	1.34	360
JT16- 062		5	13	0.9	0.86	0.6	20	30.9	91	51.2	9.57	15	0.01	3	2.28	287
JT16- 063		4	42	1.2	1.19	<0.2	26	8.1	33	24.9	7.53	6	0.03	8	2.63	6080
JT16- 064		2	33	0.6	1.05	<0.2	16	9.7	33	17.4	6.95	4	0.01	5	1.00	4500
JT16- 065		2	15	0.7	0.55	<0.2	21	22.0	72	38.3	8.35	13	0.01	4	1.23	278
JT16- 066		<1	19	0.6	0.17	<0.2	8	26.7	60	55.5	9.12	11	0.02	2	1.02	464
JT16- 067		2	40	0.9	1.10	<0.2	36	16.7	30	35.1	10.35	8	0.03	10	1.52	3240
JT16- 068		1	21	0.8	1.61	<0.2	22	8.9	28	38.2	12.45	5	0.02	9	2.10	2600
JT16- 069		2	21	0.6	13.15	<0.2	11	4.7	12	19.7	3.81	2	0.01	5	7.11	2110
JT16- 070		2	29	0.9	3.29	<0.2	20	14.8	46	18.1	16.05	6	0.02	7	3.03	2670
JT16- 071		1	6	0.2	14.00	<0.2	6	4.6	13	10.9	2.56	1	0.01	2	8.38	450
JT16- 072		1	64	2.1	1.28	<0.2	30	15.8	50	26.3	14.55	8	0.02	11	2.55	6150
JT16- 073		<1	33	0.8	1.34	0.4	11	5.0	20	5.3	6.08	3	0.01	4	1.29	4690
JT16- 074		<1	13	0.4	2.27	<0.2	7	3.7	21	5.3	7.21	3	0.02	2	2.07	2080

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

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Finalized Date: 29- SEP- 2016
Account: MAMGEO

Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155677

Sample Description	Method / Analyte / Units / LOR	ME- ICP43 Mo ppm 0.5	ME- ICP43 Na % 0.01	ME- ICP43 Ni ppm 0.5	ME- ICP43 P ppm 10	ME- ICP43 Pb ppm 0.5	ME- ICP43 S % 0.01	ME- ICP43 Sc ppm 0.1	ME- ICP43 Sr ppm 1	ME- ICP43 Ti % 0.01	ME- ICP43 V ppm 0.5	ME- ICP43 Zn ppm 1
JT16- 042		11.3	0.01	28.5	810	17.3	0.02	4.7	6	0.10	240	26
JT16- 043		4.7	0.02	14.3	1830	12.5	0.03	9.6	8	0.01	279	46
JT16- 044		4.5	0.03	37.7	1450	21.3	0.05	5.5	38	0.02	118.5	36
JT16- 045		10.9	0.02	53.5	1750	36.3	0.06	8.1	32	0.02	164.5	43
JT16- 045B		5.5	0.09	34.1	580	4.6	0.07	4.1	47	0.11	58.0	45
JT16- 046		1.2	0.02	12.4	820	16.3	0.08	1.2	59	0.01	81.2	23
JT16- 047		1.7	0.02	29.7	990	30.8	0.06	5.8	37	0.03	192.0	35
JT16- 048		6.1	0.01	41.6	2290	37.5	0.04	6.5	15	0.04	148.0	84
JT16- 049		<0.5	0.02	26.6	1250	8.9	0.03	8.4	38	0.16	249	51
JT16- 050		0.7	0.02	58.0	970	7.6	0.02	18.5	32	0.28	230	44
JT16- 051		0.7	0.02	30.6	2310	11.4	0.07	8.6	113	0.06	79.2	91
JT16- 052		2.3	0.02	37.3	1340	13.9	0.08	7.9	301	0.06	67.4	52
JT16- 053		1.2	0.02	39.0	1010	11.9	0.08	14.5	43	0.15	103.0	86
JT16- 054		<0.5	0.02	36.7	1320	4.8	0.02	22.5	14	0.58	326	57
JT16- 055		0.8	0.02	25.7	1940	12.8	0.06	9.6	199	0.04	115.5	89
JT16- 056		0.7	0.01	62.5	1020	12.7	0.07	35.4	12	0.12	170.5	50
JT16- 057		2.6	0.02	57.0	1600	19.9	0.06	24.0	37	0.01	130.5	49
JT16- 058		3.6	0.02	63.6	700	11.0	0.02	24.2	24	0.12	128.0	174
JT16- 059		2.7	0.02	67.5	890	12.1	0.02	25.1	20	0.20	163.0	42
JT16- 060		2.1	0.02	43.8	2250	10.4	0.02	8.4	21	0.36	174.0	84
JT16- 061		1.5	0.02	83.8	570	10.6	0.01	22.8	20	0.45	217	122
JT16- 062		9.1	0.02	77.9	810	9.6	0.01	14.1	14	0.42	242	145
JT16- 063		7.7	0.04	45.7	2060	23.5	0.06	7.8	24	0.06	75.3	60
JT16- 064		3.2	0.07	37.4	1060	15.1	0.07	5.7	19	0.12	97.3	42
JT16- 065		5.6	0.01	52.2	730	10.5	<0.01	12.6	12	0.30	206	48
JT16- 066		1.8	0.01	27.1	1300	5.2	<0.01	18.9	11	<0.01	213	38
JT16- 067		17.1	0.04	36.5	940	21.5	0.04	13.7	25	0.01	150.0	41
JT16- 068		16.4	0.02	46.6	660	24.2	0.02	12.9	15	0.03	112.5	26
JT16- 069		10.0	0.01	24.0	1070	11.8	0.03	2.3	104	0.01	46.4	26
JT16- 070		10.2	0.02	40.1	1130	18.1	0.02	18.6	32	0.02	158.5	33
JT16- 071		5.9	0.01	15.3	250	10.7	0.01	3.8	68	0.02	54.1	9
JT16- 072		10.9	0.01	59.8	640	43.1	0.01	12.5	16	0.03	291	49
JT16- 073		2.3	<0.01	16.0	440	24.8	0.01	4.3	11	0.04	158.0	16
JT16- 074		11.4	<0.01	15.2	860	19.4	0.01	2.1	15	0.03	171.5	25

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

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CERTIFICATE OF ANALYSIS VA16155677

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non- sufficient sample.

Applies to Method: ALL METHODS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au- TL43	LOG- 22	LOG- 24	ME- ICP43
	ME- MS43	SCR- 41	WEI- 21	

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Finalized Date: 5- OCT- 2016
Account: MAMGEO

CERTIFICATE VA16155678

Project: Tahsis Project

This report is for 81 Soil samples submitted to our lab in Vancouver, BC, Canada on 12- SEP- 2016.

The following have access to data associated with this certificate:

HENNEBERRY		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 24	Pulp Login - Rcd w/o Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL43	Trace Level Au - 25g AR	ICP- MS
ME- MS43	Up to 11 elements 25g A/R MS	ICP- MS
ME- ICP43	Up to 18 element add- on AR Au	ICP- AES

To: MAMMOTH GEOLOGICAL LTD.
ATTN: HENNEBERRY
704- 1060 ALBERNI STREET
VANCOUVER BC V6E 4K2

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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CERTIFICATE OF ANALYSIS VA16155678

Sample Description	Method	WEI- 21	Au- TL43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- ICP43	ME- ICP43	ME- ICP43
	Analyte	Recvd Wt.	Au	Bi	Hg	Sb	Se	Sn	Te	Th	Tl	U	W	Ag	Al	As
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.001	0.01	0.01	0.05	0.2	0.1	0.01	0.05	0.02	0.05	0.05	0.1	0.01	0.5
RP16- 001		0.20	0.003	0.32	0.26	0.81	2.0	1.0	0.29	1.05	0.31	13.85	0.13	<0.1	5.06	33.2
RP16- 002		0.26	0.001	0.11	0.22	0.71	0.4	0.6	0.08	0.28	0.14	3.30	0.19	0.1	1.13	15.8
RP16- 003		0.32	0.006	0.45	0.39	1.70	2.9	1.3	0.21	2.70	0.67	9.76	0.22	0.1	5.16	96.7
RP16- 004		0.18	0.002	0.21	0.25	0.51	0.7	0.9	0.06	0.77	0.15	6.05	0.07	<0.1	2.34	14.2
RP16- 005		0.20	0.005	0.33	0.48	1.67	2.5	0.9	0.17	0.96	0.53	6.05	0.22	<0.1	2.99	61.6
RP16- 006		0.28	0.001	0.09	0.07	0.28	0.3	1.2	0.02	0.20	<0.02	0.35	0.07	0.1	1.20	11.2
RP16- 007		0.18	0.001	0.23	0.28	0.30	0.9	0.9	0.09	0.69	0.02	5.05	0.10	0.1	4.88	11.9
RP16- 008		0.22	<0.001	0.06	0.43	0.17	0.2	0.3	0.02	<0.05	0.08	1.66	<0.05	<0.1	0.20	2.3
RP16- 009		0.20	<0.001	0.07	0.45	0.17	0.3	0.2	0.05	0.07	0.12	2.97	<0.05	<0.1	0.15	1.4
RP16- 010		0.28	<0.001	0.05	0.15	0.08	0.2	0.5	0.03	0.17	0.02	0.12	0.05	0.1	2.33	4.6
RP16- 011		0.32	0.004	0.09	0.25	0.22	1.6	1.0	0.06	0.88	0.04	2.55	<0.05	0.1	6.22	5.9
RP16- 012		0.20	0.004	0.07	0.35	1.19	2.4	0.4	0.09	0.09	0.19	14.90	0.15	<0.1	1.86	39.0
RP16- 013		0.20	0.008	0.03	0.16	0.09	0.4	1.9	0.01	<0.05	<0.02	0.13	<0.05	<0.1	0.10	1.4
RP16- 014		0.40	0.006	0.07	0.18	0.23	1.0	1.1	0.03	0.96	<0.02	0.94	<0.05	<0.1	5.77	6.3
RP16- 015		0.36	0.003	0.14	0.09	0.22	0.2	1.4	0.04	0.36	<0.02	0.40	<0.05	0.1	1.92	2.9
RP16- 016		0.34	0.003	0.16	0.08	0.25	0.5	1.4	0.05	0.78	<0.02	1.45	<0.05	0.1	3.27	2.6
RP16- 017		0.24	0.001	0.23	0.18	0.43	0.5	2.2	0.06	0.51	0.04	5.80	0.10	0.1	1.91	10.2
RP16- 018		Empty Bag														
RP16- 019		0.30	0.002	0.09	0.17	0.36	0.8	0.9	0.04	0.43	0.05	2.86	0.05	<0.1	2.72	10.0
RP16- 020		0.14	0.001	0.06	0.22	0.22	0.2	0.4	<0.01	0.08	0.02	1.11	0.06	<0.1	0.12	0.5
RP16- 021		Empty Bag														
RP16- 022		0.24	0.001	0.13	0.23	3.09	0.9	0.6	0.13	0.21	0.27	4.73	0.57	<0.1	1.18	36.6
RP16- 023		0.16	0.001	0.24	0.16	2.76	0.8	0.7	0.32	1.31	0.12	8.11	0.79	<0.1	3.15	30.9
RP16- 024		0.18	0.001	0.05	0.14	0.36	0.5	0.3	0.01	0.07	0.03	0.64	0.07	<0.1	0.12	3.3
RP16- 025		0.26	<0.001	<0.01	<0.01	<0.05	<0.2	<0.1	<0.01	<0.05	<0.02	<0.05	<0.05	<0.1	0.30	1.6
RP16- 026		0.22	<0.001	0.03	0.20	0.12	0.5	0.2	<0.01	0.07	0.02	0.59	<0.05	<0.1	0.12	3.9
RP16- 027		0.18	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16- 028		0.16	0.001	0.22	0.27	1.37	1.3	0.6	0.20	0.15	0.11	5.61	0.37	<0.1	1.27	32.3
RP16- 029		0.16	<0.001	0.04	0.18	0.11	1.0	0.1	0.01	0.07	0.02	1.44	<0.05	0.1	0.12	2.2
RP16- 030		0.18	<0.001	0.04	0.27	0.14	0.4	0.1	0.03	0.05	0.03	0.08	<0.05	<0.1	0.05	1.7
RP16- 031		Empty Bag														
RP16- 032		0.12	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16- 033		0.14	<0.001	0.04	0.23	0.17	0.5	0.5	0.04	0.07	0.02	0.69	<0.05	0.1	0.10	2.2
RP16- 034		0.14	<0.001	0.04	0.17	0.15	0.3	0.5	0.04	0.08	0.02	1.70	<0.05	<0.1	0.12	2.4
RP16- 035		0.14	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16- 036		0.14	<0.001	0.02	0.17	0.10	0.2	0.4	0.03	<0.05	0.02	0.08	<0.05	<0.1	0.04	1.1
RP16- 037		0.24	0.001	0.26	0.06	5.81	0.5	1.5	0.14	1.01	0.09	3.81	0.30	<0.1	3.13	24.7
RP16- 038		0.16	<0.001	0.04	0.38	0.23	1.4	0.4	0.02	0.06	0.02	0.72	0.07	<0.1	0.12	1.9
RP16- 039		0.18	0.001	0.06	0.35	0.35	0.8	0.4	0.03	0.10	0.04	1.30	0.10	<0.1	0.15	1.1
RP16- 040		0.22	0.001	0.08	0.30	0.65	0.7	2.5	0.06	0.11	0.02	1.39	0.09	<0.1	0.58	4.7

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CERTIFICATE OF ANALYSIS VA16155678

Sample Description	Method	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43
	Analyte	B	Ba	Be	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
	LOR	1	1	0.1	0.01	0.2	1	0.5	1	0.2	0.01	1	0.01	1	0.01	1
RP16- 001		10	78	1.4	2.50	<0.2	29	12.3	32	32.3	7.12	9	0.03	9	5.12	8310
RP16- 002		23	11	0.2	2.51	0.2	4	4.1	19	29.0	2.64	3	0.02	4	0.81	1095
RP16- 003		3	69	1.7	1.43	<0.2	37	16.0	49	42.1	9.61	8	0.05	16	3.55	3200
RP16- 004		10	35	0.6	3.63	0.3	14	10.7	30	15.9	4.45	7	0.02	7	0.94	3970
RP16- 005		7	75	1.3	2.07	<0.2	25	9.5	33	19.6	5.09	4	0.05	10	2.37	8980
RP16- 006		6	5	0.1	0.33	<0.2	4	6.2	24	13.3	5.57	15	0.02	3	0.27	136
RP16- 007		5	10	0.5	1.23	<0.2	18	18.3	82	31.5	6.75	12	0.02	5	0.80	893
RP16- 008		42	9	<0.1	3.80	0.2	3	<0.5	6	15.8	0.49	<1	0.01	4	0.27	3420
RP16- 009		45	10	<0.1	4.85	0.3	2	0.5	4	14.3	0.31	1	0.01	3	0.39	4350
RP16- 010		5	7	0.1	0.25	<0.2	3	7.0	23	7.8	6.07	13	0.02	3	0.76	150
RP16- 011		3	13	0.5	0.49	<0.2	13	20.3	91	85.9	7.76	13	0.01	2	0.85	309
RP16- 012		50	31	0.3	3.10	0.3	11	11.2	32	49.7	2.89	3	0.02	8	0.84	2430
RP16- 013		7	3	<0.1	0.46	<0.2	2	<0.5	2	6.4	0.16	1	0.02	4	0.08	20
RP16- 014		2	5	0.2	0.26	<0.2	6	6.7	107	60.5	10.60	18	0.01	1	0.31	88
RP16- 015		1	5	0.1	0.31	<0.2	5	4.6	56	18.6	10.10	22	0.01	2	0.22	118
RP16- 016		3	7	0.2	0.45	<0.2	9	6.6	80	33.7	10.15	19	0.01	1	0.25	86
RP16- 017		2	14	0.3	0.87	0.2	12	9.2	43	20.6	5.54	9	0.02	4	0.29	1155
RP16- 018																
RP16- 019		8	15	0.3	4.93	<0.2	10	12.0	45	34.5	5.23	11	0.02	4	1.65	1090
RP16- 020		47	14	<0.1	2.33	0.2	4	<0.5	3	7.1	0.22	1	0.03	5	0.32	201
RP16- 021																
RP16- 022		6	13	0.4	10.85	0.2	8	2.8	12	10.0	2.36	3	0.02	4	6.04	1750
RP16- 023		9	13	0.9	1.75	0.3	18	3.6	26	4.8	6.43	6	0.02	5	2.92	1335
RP16- 024		8	3	<0.1	1.55	<0.2	1	<0.5	2	3.6	0.32	1	0.01	4	0.44	192
RP16- 025		23	7	<0.1	3.23	0.2	4	1.4	4	4.8	0.62	1	0.02	4	0.24	686
RP16- 026		8	3	<0.1	3.82	<0.2	1	0.6	2	2.6	0.19	2	0.02	4	0.10	144
RP16- 027		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16- 028		5	10	0.5	2.25	<0.2	10	2.0	23	7.2	6.66	4	0.04	6	1.04	985
RP16- 029		7	4	<0.1	3.18	0.2	2	<0.5	2	2.0	0.17	<1	0.02	5	0.40	71
RP16- 030		19	2	<0.1	0.92	<0.2	2	<0.5	1	2.6	0.05	1	0.03	4	0.10	58
RP16- 031																
RP16- 032		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16- 033		8	5	<0.1	2.07	<0.2	1	<0.5	4	2.2	0.15	<1	0.02	5	0.12	62
RP16- 034		5	3	<0.1	1.06	<0.2	2	0.5	2	2.8	0.20	1	0.03	5	0.07	53
RP16- 035		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16- 036		40	1	<0.1	1.02	0.2	<1	<0.5	1	3.4	0.04	1	0.02	4	0.10	8
RP16- 037		1	6	0.4	0.23	<0.2	6	6.5	48	12.4	7.08	12	0.01	2	1.01	170
RP16- 038		12	5	<0.1	3.90	<0.2	4	0.5	2	4.1	0.17	<1	0.01	7	0.10	142
RP16- 039		9	6	<0.1	4.30	0.2	2	0.6	3	3.8	0.24	2	0.01	5	0.19	559
RP16- 040		5	10	0.1	1.55	<0.2	3	2.6	13	7.9	1.33	4	0.03	4	0.37	166

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Finalized Date: 5- OCT- 2016
Account: MAMGEO

Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155678

Sample Description	Method	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43
	Analyte	Mo	Na	Ni	P	Pb	S	Sc	Sr	Ti	V	Zn
	Units	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.01	0.5	10	0.5	0.01	0.1	1	0.01	0.5	1
RP16- 001		10.6	0.03	36.1	1640	32.4	0.08	8.4	41	0.05	83.9	70
RP16- 002		4.6	0.07	17.0	770	10.9	0.14	1.4	36	0.04	46.2	40
RP16- 003		19.9	0.02	81.2	1110	44.7	0.03	18.9	37	<0.01	107.0	72
RP16- 004		1.6	0.05	23.7	1490	20.3	0.11	3.6	63	0.23	66.1	106
RP16- 005		4.5	0.08	43.7	1750	38.4	0.14	5.3	48	0.02	38.0	61
RP16- 006		0.8	0.05	5.4	840	3.2	0.07	3.7	9	0.31	297	14
RP16- 007		2.0	0.05	27.1	1330	7.8	0.11	10.4	20	0.43	202	48
RP16- 008		0.6	0.14	3.8	450	5.5	0.20	0.3	44	0.02	12.8	60
RP16- 009		1.3	0.15	5.6	540	7.6	0.21	0.3	54	<0.01	3.5	63
RP16- 010		<0.5	0.06	7.8	900	<0.5	0.11	5.5	10	0.02	181.5	28
RP16- 011		1.2	0.02	33.9	600	6.3	0.07	21.5	10	0.41	258	44
RP16- 012		2.0	0.15	27.4	1120	8.1	0.27	6.5	48	0.09	57.3	41
RP16- 013		<0.5	0.05	1.6	440	1.7	0.13	0.3	19	0.01	3.4	10
RP16- 014		0.8	0.02	13.9	630	5.1	0.06	12.3	6	0.75	307	18
RP16- 015		0.9	0.03	6.4	670	4.9	0.05	3.5	9	0.59	419	18
RP16- 016		0.8	0.02	14.6	550	7.2	0.05	5.1	10	0.77	354	28
RP16- 017		1.3	0.03	13.4	770	13.0	0.11	4.8	33	0.34	162.5	63
RP16- 018												
RP16- 019		0.9	0.06	21.5	780	6.9	0.10	6.7	88	0.32	180.0	45
RP16- 020		0.6	0.16	4.3	500	5.2	0.25	0.3	36	0.01	3.1	15
RP16- 021												
RP16- 022		14.9	0.03	18.4	750	13.0	0.06	2.6	65	0.01	45.2	53
RP16- 023		17.0	0.05	18.8	920	24.9	0.09	3.3	17	0.04	107.0	85
RP16- 024		<0.5	0.05	2.2	450	6.4	0.14	0.3	20	<0.01	9.1	16
RP16- 025		0.9	0.13	3.8	460	3.9	0.25	0.5	52	0.03	14.5	15
RP16- 026		<0.5	0.06	1.8	450	1.5	0.18	0.3	71	0.01	3.4	19
RP16- 027		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16- 028		4.5	0.06	24.9	2230	17.4	0.17	1.2	27	0.04	52.9	26
RP16- 029		<0.5	0.06	1.5	490	1.4	0.19	0.3	29	<0.01	3.1	14
RP16- 030		<0.5	0.22	1.3	380	3.9	0.27	0.1	19	<0.01	1.3	14
RP16- 031												
RP16- 032		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16- 033		<0.5	0.06	1.6	400	0.8	0.17	0.3	38	0.01	2.1	20
RP16- 034		<0.5	0.06	3.1	520	0.6	0.18	0.4	22	0.01	3.6	9
RP16- 035		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
RP16- 036		<0.5	0.14	2.6	430	2.2	0.22	0.1	20	<0.01	0.6	11
RP16- 037		6.3	0.02	23.4	490	18.3	0.03	3.4	7	0.30	183.5	60
RP16- 038		0.5	0.01	2.5	470	1.0	0.10	0.2	44	0.01	3.2	18
RP16- 039		0.5	0.05	2.8	500	<0.5	0.16	0.3	45	0.01	4.6	19
RP16- 040		1.3	0.06	6.6	630	3.9	0.16	1.0	29	0.05	36.9	20

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Finalized Date: 5- OCT- 2016
Account: MAMGEO

Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155678

Sample Description / Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL43 Au ppm 0.001	ME- MS43 Bi ppm 0.01	ME- MS43 Hg ppm 0.01	ME- MS43 Sb ppm 0.05	ME- MS43 Se ppm 0.2	ME- MS43 Sn ppm 0.1	ME- MS43 Te ppm 0.01	ME- MS43 Th ppm 0.05	ME- MS43 Tl ppm 0.02	ME- MS43 U ppm 0.05	ME- MS43 W ppm 0.05	ME- ICP43 Ag ppm 0.1	ME- ICP43 Al % 0.01	ME- ICP43 As ppm 0.5
RP16- 041	0.26	0.003	0.37	0.24	1.13	1.7	1.2	0.17	0.44	0.17	12.45	0.13	<0.1	3.89	59.0
RP16- 042	0.38	0.007	0.07	0.17	0.31	2.0	1.0	0.05	1.04	0.03	2.89	0.09	<0.1	6.27	6.9
RP16- 043	0.16	0.001	0.03	0.46	0.15	0.3	0.5	0.05	<0.05	<0.02	0.07	<0.05	<0.1	0.11	3.1
RP16- 044	0.36	0.005	0.09	0.19	0.33	1.8	1.2	0.05	0.89	0.02	3.24	0.06	0.1	5.86	8.4
RP16- 045	0.26	0.003	0.11	0.13	0.33	0.4	2.0	0.03	0.36	0.02	0.97	<0.05	<0.1	2.07	4.6
RP16- 045B	0.04	0.002	0.06	0.03	0.60	0.5	1.1	0.04	1.17	0.06	0.34	0.58	0.1	1.39	5.1
RP16- 046	0.48	0.011	0.11	0.23	0.42	1.9	1.2	0.07	1.34	0.05	3.99	0.10	0.1	6.68	11.4
RP16- 047	0.36	0.004	0.15	0.19	0.28	1.1	1.3	0.07	0.88	0.02	1.95	0.05	0.1	4.61	7.8
RP16- 048	0.26	0.002	0.17	0.22	0.37	0.9	1.3	0.19	0.98	0.03	3.65	0.06	0.1	4.79	7.6
RP16- 049	0.32	0.004	0.12	0.13	4.85	1.3	0.7	0.14	0.74	0.29	6.96	0.24	<0.1	3.58	122.5
RP16- 050	0.40	0.008	0.19	0.15	6.69	1.6	0.9	0.33	1.12	0.35	14.40	0.64	<0.1	4.55	134.0
RP16- 051	0.20	0.003	0.16	0.16	8.22	1.1	1.1	0.28	1.02	0.24	10.30	0.42	<0.1	3.77	63.3
RP16- 052	0.32	0.010	0.12	0.08	3.62	0.8	1.5	0.11	0.88	0.12	5.83	0.10	0.1	4.23	63.3
RP16- 053	0.32	0.001	0.07	0.06	3.26	0.7	0.7	0.04	0.32	0.14	2.70	<0.05	0.1	3.26	29.6
RP16- 054	0.24	0.002	0.16	0.12	4.28	1.1	1.1	0.13	0.86	0.18	6.77	0.17	0.2	3.55	29.3
RP16- 055	0.22	<0.001	0.08	0.30	0.88	0.8	0.5	0.02	0.11	0.19	4.56	0.09	<0.1	0.83	5.8
RP16- 056	0.20	0.002	0.38	0.15	1.84	0.8	1.0	0.15	1.12	0.13	8.48	0.20	<0.1	4.25	20.0
RP16- 057	0.38	0.002	0.23	0.09	2.06	2.2	1.0	0.16	2.09	0.33	18.75	0.26	<0.1	6.31	52.2
RP16- 058	0.22	0.003	0.11	0.06	0.53	0.3	0.9	0.06	0.40	0.09	1.84	0.19	<0.1	3.22	12.6
RP16- 059	0.36	0.004	0.10	0.05	0.38	0.2	0.8	0.06	0.30	0.09	1.40	0.08	<0.1	3.12	10.6
RP16- 060	0.38	0.002	0.06	0.03	0.17	0.2	0.6	0.03	0.20	0.07	0.58	<0.05	<0.1	3.26	3.5
RP16- 061	0.28	0.004	0.15	0.32	5.22	1.3	0.6	0.19	0.43	0.42	5.68	0.67	0.1	2.43	34.7
RP16- 062	0.22	0.004	0.16	0.39	5.66	1.3	0.6	0.26	0.46	0.47	5.88	0.68	0.1	2.46	35.8
RP16- 063	0.32	0.001	0.09	0.09	1.58	0.4	0.4	0.07	0.10	0.07	1.90	0.45	<0.1	0.60	14.2
RP16- 064	0.20	0.002	0.13	0.44	1.99	1.5	0.4	0.11	0.18	0.22	4.59	0.54	<0.1	0.99	16.2
RP16- 065	0.20	0.001	0.25	0.31	1.32	0.7	0.9	0.12	0.68	0.13	11.95	0.73	<0.1	1.88	12.9
RP16- 066	0.24	0.002	0.64	0.12	0.91	1.2	1.8	0.23	2.55	0.12	14.95	0.30	0.2	5.41	18.3
RP16- 067	0.42	0.001	1.14	0.10	1.76	0.8	2.1	0.21	1.59	0.08	6.36	0.25	0.1	4.83	21.0
RP16- 068	0.22	<0.001	0.08	0.09	0.24	0.3	1.0	0.03	0.17	0.03	0.24	<0.05	<0.1	1.48	3.4
RP16- 069	0.38	0.035	0.20	0.07	1.13	0.7	1.0	0.06	0.54	0.11	2.64	0.05	0.1	3.64	24.8
RP16- 070	0.18	0.003	0.15	0.07	3.31	0.5	1.1	0.11	1.05	0.08	5.07	0.08	<0.1	3.47	12.0
RP16- 071	0.32	0.001	0.23	0.14	3.43	0.7	0.9	0.18	1.01	0.19	10.05	0.46	<0.1	3.24	18.7
RP16- 072	0.40	0.002	0.12	0.11	2.06	0.7	0.3	0.14	0.28	0.17	4.67	0.46	<0.1	1.07	23.2
RP16- 073	0.30	<0.001	0.32	0.12	2.64	0.8	1.4	0.24	1.19	0.13	6.15	0.26	0.1	3.55	23.7
RP16- 074	0.20	<0.001	0.21	0.09	3.06	0.8	0.7	0.22	0.57	0.17	3.92	0.48	0.1	2.72	59.6
RP16- 075	0.18	0.001	0.10	0.16	1.87	0.5	0.7	0.08	0.29	0.14	2.44	0.23	<0.1	2.27	26.2
RP16- 076	0.26	0.001	0.17	0.19	2.16	1.3	0.6	0.17	0.79	0.25	8.82	0.56	0.2	2.65	37.2
RP16- 077	0.22	0.003	0.13	0.08	4.01	0.5	0.6	0.18	0.39	0.09	2.79	4.28	<0.1	2.25	38.7
RP16- 078	0.24	0.002	0.12	0.09	3.61	0.8	0.4	0.17	0.46	0.14	4.42	1.20	<0.1	2.01	29.2
RP16- 079	0.22	0.002	0.12	0.06	4.04	0.3	0.5	0.21	0.84	0.09	3.79	1.34	<0.1	1.98	27.2

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Sample Description	Method	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43
	Analyte	B	Ba	Be	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
	LOR	1	1	0.1	0.01	0.2	1	0.5	1	0.2	0.01	1	0.01	1	0.01	1
RP16- 041		3	24	0.7	1.12	0.2	20	21.6	52	32.6	9.15	12	0.02	5	1.10	3230
RP16- 042		4	7	0.4	0.53	<0.2	20	12.9	80	82.4	6.94	11	0.01	3	0.82	216
RP16- 043		6	4	<0.1	0.63	0.2	<1	<0.5	2	9.9	0.10	1	0.02	5	0.08	18
RP16- 044		1	9	0.3	0.38	<0.2	19	14.6	96	75.5	9.73	15	0.01	3	0.64	216
RP16- 045		2	9	0.2	0.39	<0.2	6	7.7	59	28.1	8.32	17	0.01	2	0.41	145
RP16- 045B		2	103	0.2	1.00	<0.2	9	8.4	35	47.8	2.89	5	0.10	4	0.73	462
RP16- 046		2	11	0.4	0.33	<0.2	13	15.0	99	101.5	9.49	13	0.01	2	0.83	266
RP16- 047		<1	8	0.4	0.48	<0.2	10	9.5	88	46.6	8.86	16	0.01	3	0.42	331
RP16- 048		1	9	0.3	0.30	<0.2	8	8.3	59	24.8	9.63	15	0.01	2	0.45	225
RP16- 049		1	29	0.7	0.55	<0.2	15	33.4	49	20.8	14.75	8	0.02	4	1.34	2500
RP16- 050		3	27	1.1	1.26	<0.2	22	15.4	53	17.2	10.05	8	0.02	7	2.64	2890
RP16- 051		3	13	0.9	1.70	<0.2	17	12.5	62	23.9	9.99	8	0.02	7	1.95	1085
RP16- 052		1	10	0.6	0.43	<0.2	11	18.2	60	45.3	11.30	12	0.01	3	1.07	432
RP16- 053		<1	15	0.3	0.13	<0.2	4	26.8	37	34.1	11.45	10	0.02	1	0.52	525
RP16- 054		1	19	0.6	0.76	<0.2	18	17.6	51	34.7	16.30	10	0.01	5	0.67	1470
RP16- 055		6	24	0.2	3.87	<0.2	6	3.6	5	7.0	1.69	2	0.03	4	1.24	3880
RP16- 056		2	17	0.8	1.33	<0.2	16	16.2	53	29.9	9.11	10	0.02	7	1.28	1615
RP16- 057		2	16	1.1	0.32	<0.2	35	27.1	37	29.0	12.30	14	0.03	5	3.03	929
RP16- 058		4	10	0.3	0.56	<0.2	5	16.5	87	36.5	5.68	13	0.02	3	1.72	154
RP16- 059		3	9	0.3	0.47	<0.2	4	20.9	88	36.4	5.26	12	0.01	2	1.77	123
RP16- 060		<1	11	0.2	0.29	<0.2	3	16.6	87	22.9	4.09	11	0.01	1	1.85	78
RP16- 061		4	29	0.7	10.05	0.3	14	5.5	16	16.5	5.22	3	0.01	6	6.23	7110
RP16- 062		5	29	0.7	9.81	0.3	14	5.6	16	16.8	5.20	3	0.02	6	6.23	7310
RP16- 063		<1	6	0.4	0.77	<0.2	7	1.9	18	7.4	3.83	3	0.01	2	0.40	1130
RP16- 064		5	64	0.4	9.46	0.4	8	3.8	10	10.2	3.74	2	0.02	5	5.08	>10000
RP16- 065		<1	71	0.5	2.34	0.3	18	2.7	19	7.7	11.30	4	0.03	6	1.35	>10000
RP16- 066		1	35	1.1	0.39	<0.2	33	19.8	49	16.1	>20.0	12	0.01	7	1.05	4030
RP16- 067		<1	20	0.8	0.17	<0.2	8	20.0	59	21.9	17.80	16	0.02	2	1.32	1410
RP16- 068		<1	8	0.2	0.17	<0.2	4	10.9	48	9.9	7.01	14	0.02	2	0.37	143
RP16- 069		1	14	0.6	0.38	<0.2	7	18.1	29	14.3	10.20	12	0.01	2	1.56	569
RP16- 070		<1	5	0.6	1.11	<0.2	12	11.3	63	18.8	9.10	9	0.01	3	0.92	242
RP16- 071		3	39	0.7	1.28	<0.2	24	7.5	25	9.9	7.96	7	0.02	7	2.21	4610
RP16- 072		2	14	0.4	14.65	<0.2	10	3.2	12	7.8	4.07	2	0.01	4	9.12	1855
RP16- 073		3	23	0.7	0.37	<0.2	11	11.6	44	27.5	10.25	11	0.03	4	1.14	831
RP16- 074		2	9	0.4	0.14	<0.2	4	8.2	39	13.8	11.65	8	0.01	2	0.96	517
RP16- 075		7	28	0.4	4.30	0.3	9	12.8	34	17.8	7.93	5	0.02	2	2.51	2910
RP16- 076		4	46	0.7	8.03	<0.2	16	7.2	39	8.8	17.65	4	0.01	5	4.42	4830
RP16- 077		4	15	0.5	1.78	0.2	8	6.1	39	9.1	4.04	5	0.02	2	2.40	1610
RP16- 078		6	17	0.5	6.77	<0.2	12	3.1	15	7.6	3.45	3	0.02	5	4.70	1465
RP16- 079		3	5	0.6	1.22	<0.2	10	3.0	20	3.8	4.11	4	0.01	4	1.47	321

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ALS Minerals

To: MAMMOTH GEOLOGICAL LTD.
704- 1060 ALBERNI STREET
VANCOUVER BC V6E 4K2

Finalized Date: 5- OCT- 2016
Account: MAMGEO

Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155678

Sample Description	Method Analyte Units LOR	ME- ICP43 Mo ppm 0.5	ME- ICP43 Na % 0.01	ME- ICP43 Ni ppm 0.5	ME- ICP43 P ppm 10	ME- ICP43 Pb ppm 0.5	ME- ICP43 S % 0.01	ME- ICP43 Sc ppm 0.1	ME- ICP43 Sr ppm 1	ME- ICP43 Ti % 0.01	ME- ICP43 V ppm 0.5	ME- ICP43 Zn ppm 1
RP16- 041		4.2	0.03	25.6	1070	11.9	0.08	9.0	22	0.14	191.5	86
RP16- 042		1.3	0.02	29.5	680	3.8	0.05	17.3	8	0.43	207	30
RP16- 043		<0.5	0.28	3.0	440	2.3	0.37	0.2	15	0.01	2.6	16
RP16- 044		1.4	0.03	25.9	630	5.5	0.07	14.0	7	0.48	267	36
RP16- 045		0.9	0.03	12.8	650	6.2	0.07	5.4	10	0.64	333	23
RP16- 045B		5.6	0.09	31.5	580	4.3	0.08	3.9	43	0.11	57.3	43
RP16- 046		1.8	0.02	33.6	790	6.4	0.06	16.4	6	0.49	252	39
RP16- 047		1.4	0.05	17.4	970	3.7	0.09	9.8	10	0.62	300	34
RP16- 048		2.9	0.02	13.3	990	9.2	0.05	6.0	8	0.33	217	30
RP16- 049		4.4	0.02	35.3	880	18.5	0.03	14.3	8	0.01	163.5	30
RP16- 050		7.1	0.02	50.5	730	26.0	0.05	9.7	16	0.06	197.0	32
RP16- 051		15.0	0.02	43.8	950	21.0	0.06	9.5	14	0.18	229	19
RP16- 052		5.6	0.01	33.4	760	9.5	0.02	11.2	9	0.23	240	24
RP16- 053		3.2	0.02	21.6	790	5.4	0.03	10.3	6	<0.01	182.5	11
RP16- 054		4.2	0.02	32.6	1160	13.0	0.03	9.3	13	0.27	209	35
RP16- 055		0.8	0.20	5.6	1140	10.6	0.28	1.2	29	0.01	27.1	29
RP16- 056		2.9	0.03	29.6	1100	13.4	0.06	11.1	15	0.27	198.5	36
RP16- 057		16.4	0.02	31.1	850	16.6	0.02	24.1	11	0.03	213	43
RP16- 058		2.5	0.05	29.0	860	4.2	0.07	8.4	12	0.21	225	34
RP16- 059		2.1	0.02	27.8	790	5.7	0.04	8.9	11	0.12	219	28
RP16- 060		0.9	0.01	25.0	390	4.2	0.02	9.7	9	0.02	180.5	23
RP16- 061		4.9	0.02	23.4	850	20.4	0.06	4.2	62	0.02	79.4	32
RP16- 062		5.4	0.04	23.3	850	20.9	0.08	4.3	61	0.02	79.3	32
RP16- 063		2.7	<0.01	12.0	620	11.8	0.03	0.6	4	0.03	51.0	33
RP16- 064		4.5	0.05	21.1	930	13.0	0.11	1.8	63	0.02	45.4	26
RP16- 065		3.2	0.19	14.9	1640	20.8	0.23	1.9	26	0.06	109.5	56
RP16- 066		4.2	0.02	31.9	1240	20.2	0.02	12.2	13	0.20	219	77
RP16- 067		9.5	0.03	27.6	1020	15.3	0.04	7.7	10	0.18	259	71
RP16- 068		1.4	0.05	9.3	480	4.5	0.04	6.0	14	0.02	320	22
RP16- 069		4.9	0.02	13.3	670	8.8	0.02	8.9	10	0.10	229	29
RP16- 070		8.3	0.02	27.0	320	10.6	0.02	9.4	10	0.35	208	14
RP16- 071		12.4	0.04	31.7	870	20.4	0.07	3.6	14	0.08	117.5	38
RP16- 072		4.6	0.04	14.9	580	6.5	0.04	2.3	76	0.01	59.7	12
RP16- 073		18.9	0.01	27.7	1030	17.3	0.02	5.3	11	0.19	197.0	53
RP16- 074		16.0	0.01	19.9	1260	14.2	0.02	5.3	6	0.01	202	25
RP16- 075		3.6	0.01	17.8	780	11.7	0.02	5.7	30	0.09	127.0	25
RP16- 076		3.5	0.01	24.7	1390	15.6	0.02	6.0	58	0.03	110.5	47
RP16- 077		3.9	0.01	16.7	320	18.4	0.02	3.2	11	0.03	73.9	17
RP16- 078		2.5	0.03	12.9	360	16.5	0.05	3.9	37	0.01	52.0	13
RP16- 079		3.9	<0.01	14.1	190	19.3	0.01	3.9	8	0.03	98.3	10

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

ALS Canada Ltd.
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To: MAMMOTH GEOLOGICAL LTD.
704- 1060 ALBERNI STREET
VANCOUVER BC V6E 4K2

Finalized Date: 5- OCT- 2016
Account: MAMGEO

Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155678

Sample Description	Method	WEI- 21	Au- TL43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- ICP43	ME- ICP43	ME- ICP43
	Analyte	Recvd Wt.	Au	Bi	Hg	Sb	Se	Sn	Te	Th	Tl	U	W	Ag	Al	As
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.001	0.01	0.01	0.05	0.2	0.1	0.01	0.05	0.02	0.05	0.05	0.1	0.01	0.5
RP16- 080		0.20	0.006	0.14	0.16	7.80	1.4	0.6	0.18	0.47	0.17	7.63	1.06	0.1	2.11	60.9

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Finalized Date: 5- OCT- 2016
Account: MAMGEO

Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155678

Sample Description	Method / Analyte / Units / LOR	ME- ICP43 B ppm 1	ME- ICP43 Ba ppm 1	ME- ICP43 Be ppm 0.1	ME- ICP43 Ca % 0.01	ME- ICP43 Cd ppm 0.2	ME- ICP43 Ce ppm 1	ME- ICP43 Co ppm 0.5	ME- ICP43 Cr ppm 1	ME- ICP43 Cu ppm 0.2	ME- ICP43 Fe % 0.01	ME- ICP43 Ga ppm 1	ME- ICP43 K % 0.01	ME- ICP43 La ppm 1	ME- ICP43 Mg % 0.01	ME- ICP43 Mn ppm 1
RP16- 080		7	25	0.8	7.01	0.3	14	7.3	32	18.8	4.32	3	0.03	6	4.91	2580

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CERTIFICATE OF ANALYSIS VA16155678

Sample Description	Method	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43
	Analyte	Mo	Na	Ni	P	Pb	S	Sc	Sr	Ti	V	Zn
	Units	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.01	0.5	10	0.5	0.01	0.1	1	0.01	0.5	1
RP16- 080		9.1	0.01	26.9	460	15.1	0.03	8.5	42	0.03	59.4	26

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Finalized Date: 5- OCT- 2016
Account: MAMGEO

Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155678

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non- sufficient sample.

Applies to Method: ALL METHODS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

Au- TL43	LOG- 22	LOG- 24	ME- ICP43
ME- MS43	SCR- 41	WEI- 21	

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To: MAMMOTH GEOLOGICAL LTD.
704- 1060 ALBERNI STREET
VANCOUVER BC V6E 4K2

Finalized Date: 29- SEP- 2016
Account: MAMGEO

CERTIFICATE VA16155679

Project: Tahsis Project

This report is for 1 Rock sample submitted to our lab in Vancouver, BC, Canada on 12- SEP- 2016.

The following have access to data associated with this certificate:

HENNEBERRY		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
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- TL43	Trace Level Au - 25g AR	ICP- MS
ME- MS43	Up to 11 elements 25g A/R MS	ICP- MS
ME- ICP43	Up to 18 element add- on AR Au	ICP- AES

To: MAMMOTH GEOLOGICAL LTD.
ATTN: HENNEBERRY
704- 1060 ALBERNI STREET
VANCOUVER BC V6E 4K2

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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Finalized Date: 29- SEP- 2016
Account: MAMGEO

Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155679

Sample Description	Method	WEI- 21	Au- TL43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- MS43	ME- ICP43	ME- ICP43	ME- ICP43
	Analyte	Recvd Wt.	Au	Bi	Hg	Sb	Se	Sn	Te	Th	Tl	U	W	Ag	Al	As
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.001	0.01	0.01	0.05	0.2	0.1	0.01	0.05	0.02	0.05	0.05	0.1	0.01	0.5
26452		2.18	0.001	0.07	0.02	0.13	2.1	0.6	0.03	0.34	0.08	0.12	<0.05	<0.1	5.72	16.7

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VANCOUVER BC V6E 4K2

Finalized Date: 29- SEP- 2016
Account: MAMGEO

Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155679

Sample Description	Method / Analyte / Units / LOR	ME- ICP43 B ppm 1	ME- ICP43 Ba ppm 1	ME- ICP43 Be ppm 0.1	ME- ICP43 Ca % 0.01	ME- ICP43 Cd ppm 0.2	ME- ICP43 Ce ppm 1	ME- ICP43 Co ppm 0.5	ME- ICP43 Cr ppm 1	ME- ICP43 Cu ppm 0.2	ME- ICP43 Fe % 0.01	ME- ICP43 Ga ppm 1	ME- ICP43 K % 0.01	ME- ICP43 La ppm 1	ME- ICP43 Mg % 0.01	ME- ICP43 Mn ppm 1
26452		4	11	0.6	2.21	<0.2	23	27.6	2	24.8	9.70	14	0.11	4	4.31	208

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Finalized Date: 29- SEP- 2016
Account: MAMGEO

Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155679

Sample Description	Method / Analyte / Units / LOR	ME- ICP43 Mo ppm 0.5	ME- ICP43 Na % 0.01	ME- ICP43 Ni ppm 0.5	ME- ICP43 P ppm 10	ME- ICP43 Pb ppm 0.5	ME- ICP43 S % 0.01	ME- ICP43 Sc ppm 0.1	ME- ICP43 Sr ppm 1	ME- ICP43 Ti % 0.01	ME- ICP43 V ppm 0.5	ME- ICP43 Zn ppm 1
26452		<0.5	0.01	4.9	4630	4.5	2.46	18.6	84	<0.01	155.5	19

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Finalized Date: 29- SEP- 2016
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Project: Tahsis Project

CERTIFICATE OF ANALYSIS VA16155679

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au- TL43	CRU- 31	LOG- 22	ME- ICP43
	ME- MS43	PUL- 31	SPL- 21	WEI- 21