YMEP 2015 REPORT – TESLIN MOUNTAIN PROJECT

YMEP # 15-069

WHITEHORSE MINING DISTRICT

NTS 105E/01, 105E/02, 105D/15

UTM NAD 83: 52800E, 6774000N

Work conducted: June 20 – 27, 2015
(Geological mapping, Prospecting & Geochemical Sampling)

BY: ROGER HULSTEIN, P. GEO.

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SUMMARY

A strong gossan exposed in a landslide was spotted during a reconnaissance flight in 2014. The Teslin Mountain Project grew out of this following research of the available literature and a successful YMEP application. The project is located in the Whitehorse trough about 60 km northeast of Whitehorse Yukon. In 2015 work was carried out from Camps 1 and 2 on the west side of the valley forming the headwaters of the McClintock River, on NTS map sheet's 105E/ 01, 02 and 105D/15.

The dominant unit underlying the southern side of the project area and Camp 1 is the Middle Triassic Joe Mountain Formation comprised of mafic to intermediate volcanic and lesser intrusive rocks. The northern portion of the project is underlain by sedimentary units and possibly minor volcanics of the Triassic Lewes River and Jurassic Laberge Groups. These units are intruded by Cretaceous granitoids and overlain in part on the north side of the property by upper Cretaceous Open Creek formation dacitic volcanics. Camp 2, and the gossan referred to above, are within the Open Creek formation. The Dibicki Yukon Minfile occurrence is within two kilometers of Camp 1 and is described as epithermal type veining and alteration hosted by a Tertiary dyke, although the occurrence plots on the margin of a Cretaceous granitoid. To the west a block of 20 quartz claims abuts the same granitic unit.

In 2015 an eight day exploration program consisting of prospecting, geochemical sampling and geological mapping was carried out by Danièle Héon and Roger Hulstein. Work at Camp 1 focused on exploring the Joe Mountain volcanic sequence for mineralization in the drainage basins of two RGS samples containing 657 ppb and 1810 ppb Au gold respectively. Work at Camp 2 focused on exploring the gossan area, the Open Creek volcanic formation and what are likely sedimentary rocks of the Laberge Group. The last rocks are poorly exposed in the valley floor east of the Open Creek formation across a major fault.

Geochemical results from the Camp 1 area were low for gold and other elements of interest (Ag, Bi, As, Sb, Hg, Cu, Pb, Zn, Mo) although one soil sample from a northeast trending recessive linear occupied by decomposed felsic intrusive contained 1.71 gpt gold. This recessive zone is about two kilometers southwest of the Debicki occurrence which shares in part a similar epithermal style of veining and alteration. The RGS sample containing 657 ppb Au gold remains unexplained.

Geochemical results obtained from sampling over the Open Creek volcanics at Camp 2 were generally low for gold and other elements of interest. The gossan is comprised of fresh and unmineralized orange weathering lapilli tuff.

A new zone, tentatively called the Pond Zone, was found at Camp 2 at the foot of the landslide in the valley bottom. It consists of quartz and/or carbonate veined shale, siltstone – sandstone – conglomerate, limestone and carbonate altered intrusive rock of indeterminate type (likely intermediate to mafic in composition), likely all part of the Jurassic Laberge Group. There are also local areas of silicification, brecciation and weak zones of carbonate – quartz stockwork. Rock samples from this area contained up to 823 ppb gold and seven other samples have between 53 – 194 ppb Au. Antimony values range from 3 – 26 ppm and arsenic values for the eight samples range between 12 – 470 ppm. A stream sediment sample collected downstream contained 56.2 ppb Au. These results are considered to be anomalous and indicate potential for mineralization.

Based on the above exploration results from the Camp 2 area, the presence of a significant gold bearing mineralized system is indicated at the Pond Zone and additional work is warranted and recommended. It should consist of prospecting, rock sampling and possibly selective soil sampling to determine the extent and significance of the low grade gold mineralization. Ideally a low level close spaced aeromagnetic survey would be carried out over this area to help determine geological trends obscured by the glacial cover.

Additional work of a similar nature is also warranted and recommended at the Camp 1 area to follow-up on the 1.71 gpt gold in soil sample and to investigate its possible relationship to the Debicki occurrence, porphyry dykes and Cretaceous granitoid.

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INTRODUCTION

The purpose of this report is to describe the 2015 work program on the Teslin Mountain Project to fulfill requirements as stipulated in the Yukon Mineral Exploration Program (YMEP) contract #15-069. An exploration program of prospecting, geochemical sampling and geological mapping was conducted by Danièle Héon and Roger Hulstein, both of Whitehorse, Yukon. It was carried out from June 20 – 27, 2015 from two 'fly-camps', Camp 1 and Camp 2 (Figure 1).

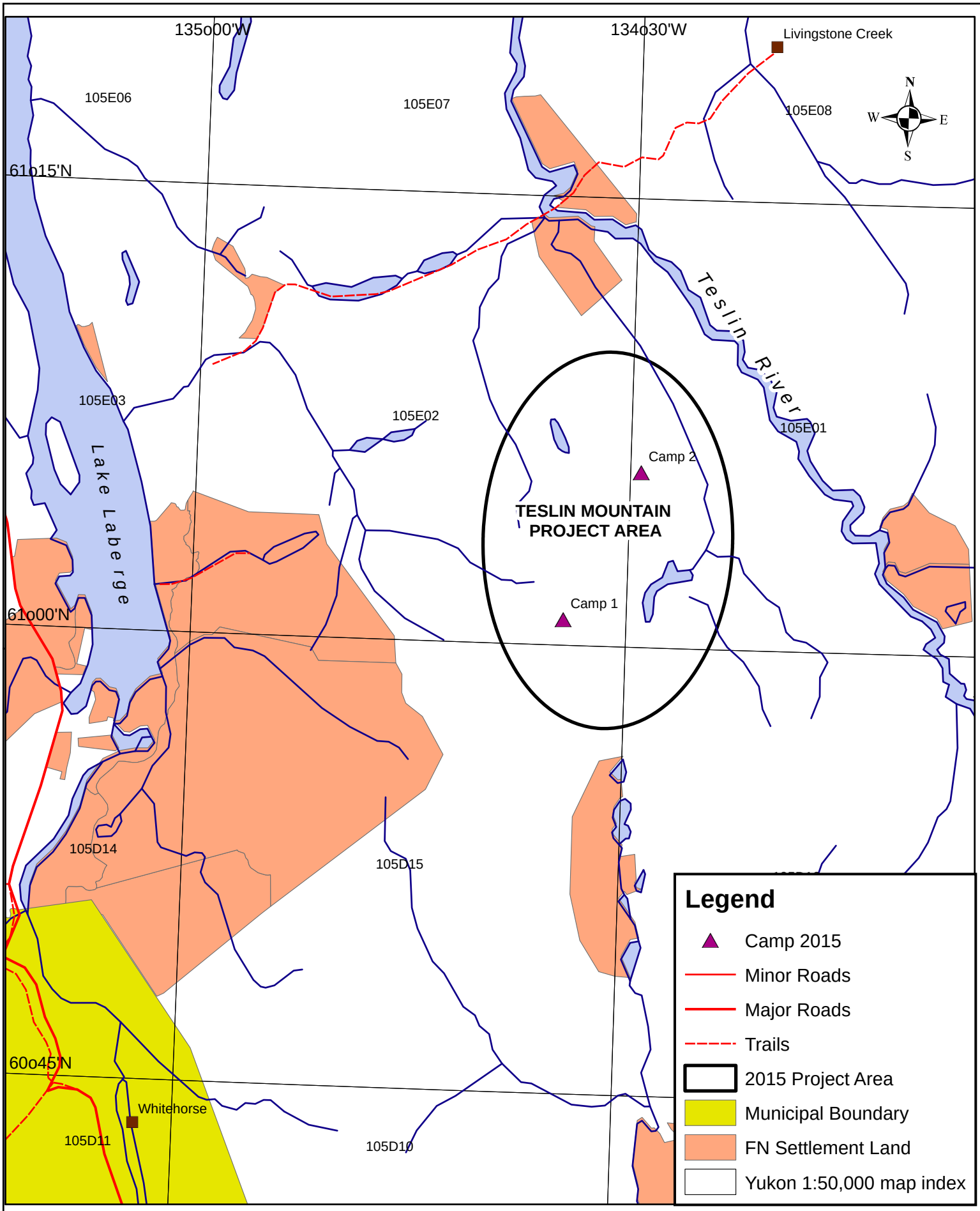
Exploration in the Teslin Mountain Project area was initially motivated by a 'gossan' (centered on Camp 2 label, Figure 1), exposed in a fault scarp at the head of landslide, spotted from the air during a reconnaissance flight in late 2014. Research of the available literature in 2014 indicated that the 'gossan' was underlain by Cretaceous Open Creek volcanics (unit uKW, Figure 2) in the vicinity of a favorable structural regime. As postulated intrusive equivalent to these rocks host molybdenum mineralization at the Red Mountain porphyry deposit approximately 45 km to the SE (not shown on Figure 2). Subsequently a short program was proposed to ground truth the 'gossan' at Camp 2, and other nearby areas of interest (Camp 1 area, Figure 1) identified through the literature research, together called the Teslin Mountain Project.

Exploration targets at Camp 1 consisted of a drainage basin identified by a GSC-RGS sample to be anomalous in gold and underlain by similar lithology to that found on nearby claims where favorable results are rumored. A mineral occurrence near the Camp 1 area, number 105E 050 and named Debicki, reportedly consists of epithermal type veining and alteration adjacent to a porphyry dyke (Minfile, 2015) was not examined in 2015. A soil sample at Camp 1, approximately two kilometers southwest from the Debicki occurrence, contained 1.71 gpt gold from a northeast trending recessive zone with a felsic dyke. Other geochemical results from exploration at Camp 1 area failed to locate indications of gold mineralized systems. A second anomalous RGS sample, grading 1810 ppb Au, is located low in a creek draining an area covered by camp 1. Since the area is covered by a till blanket (>5m), this anomaly may not be caused by the underlying bedrock but rather be of glacial-fluvial origin.

Although the 'gossan' at Camp 2 proved to be not mineralized, prospecting in the area found qtz +/- carbonate veining cutting metasediments in proximity to carbonate-altered intrusive rocks, likely of mafic composition. Results from geochemical sampling in this area, tentatively called the Pond Zone, included anomalous values for gold and several pathfinder elements, a new finding for the area.

Although no claims were staked in 2015, favorable results from both Camp 1 and 2 indicate that significant gold mineralization may be found in both areas.

This report also describes the location, access, history, geological setting, known mineral occurrences and outlines a proposed exploration program to further explore the project area for gold deposits.



Teslin Mountain Project Location Map

LOCATION, ACCESS AND LAND STATUS

The Teslin Mountain Project is approximately 60 km northeast of Whitehorse (Figure 1) and accessible by helicopter. Several helicopter companies charter their services from Whitehorse. In 2015 Fireweed Helicopters and Capital Helicopters provided great service utilizing Bell 206's and 206L models. The area constitutes some of the highest ground of the Lewes Plateau (Yukon Plateau) between the south end of Lake Laberge to the west and Teslin River to the east.

The Project area is in the Whitehorse Trough (Colpron, 2014), on a topographic divide with the north and northwest side of the area draining to the north and west, the south side drains to the south into the valley that forms the headwaters of the McClintock River. The project area covers portions of NTS map sheets 105E/01 and 02 and the northeast corner of 105D/15. Two specific area were targeted and examined in June 2015, Camp 1 in the south side of the project area (105D/16 and 105E/2) and Camp 2 on the northeast side (105E/1 and 02). Camp 1 area covers an east –west trending 1800 m high ridge and plateau, forming the southern flank of Teslin Mountain. In the Camp 2 area, the initial focus was a gossan at approximately the 800 m elevation or below, on the east facing slope of the northwest trending Open Creek valley. Exploration at Camp 2 zone located a zone of auriferous qtz +/- carbonate veining in the valley bottom below the gossan.

There are no large areas of First Nations owned lands and no areas withdrawn from staking or development in the Teslin Project Area. Near the Camp 1 area on the southwest side are 20 Yukon Quartz claims, the BBK claim group, registered to Golden Predator Corp., with an expiry date of 03/07/2019. These claims cover the source drainage for a GSC-RGS stream sediment sample that is anomalous in gold (sample #881373).

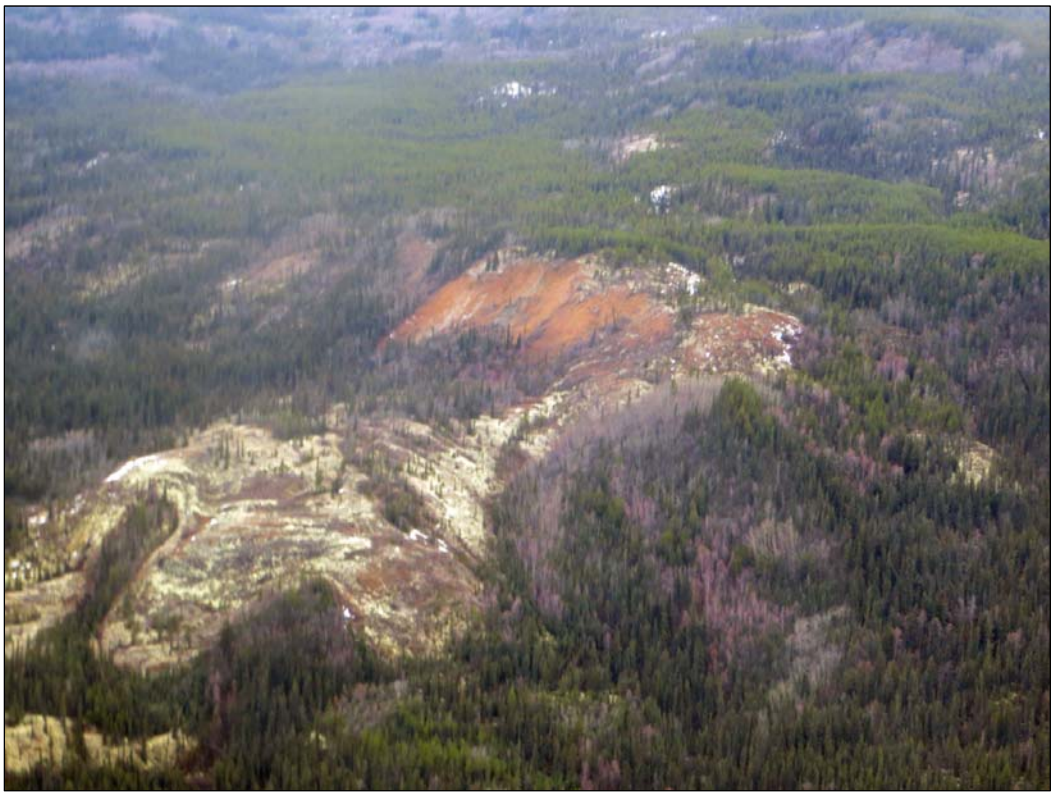


Photo 1. False gossan at Camp 1, orange weathering lapilli tuffs exposed by landslide.

TOPOGRAPHY, VEGETATION AND CLIMATE

Topography in the region is typical of an incised peneplain (Yukon Plateau) with steep hillsides and rounded crests. Elevations range from approximately 800 m in the valley to about 1800 m at Teslin Mountain. Areas of high elevation locally consist of rugged alpine terrain with rare patches of stagnant ice and abundant evidence of recently departed alpine glaciers. Areas of lower elevation and the valleys, approximately below 1350 m elevation are moderately to densely vegetated. Larger valleys such as the Open Creek valley are broad and filled with glacial debris.

The climate in the project area is variable with warm summers and long cold winters. Precipitation is light, with moderate snowfalls during the winter months. Depending on the elevation the typical field season extends from late May to middle - late September. Permafrost can be expected anywhere within the project area, particularly on northerly facing slopes.

HISTORY

Little mineral exploration history has been documented within the project area. Three Yukon Minfile occurrences are found in the area (Figure 2), one, the Karin #105E 055, is listed as an unknown and another, the Sline #105E 038, is listed as an anomaly (Yukon Minfile, 2015). The Sline was staked over a geochemical anomaly by DuPont in 1981 and little else is known. The third occurrence, the Debicki #105E 050, was staked in 1982 by Inco over epithermal type veins and alteration covering a 100 m x 50 m zone adjacent in a porphyry dyke. No further work was recorded. A bulldozer trail up the creek bottom on the east side of Teslin Mountain indicates that exploration, not recorded in the literature, also took place there.

A large claim block was staked in 2011 by Golden Predator Corp. over an anomalous (gold) RGS sample on the west side of Teslin Mountain. The claim bock was subsequently reduced in size and now consists of 20 claims with an expiry date in 2019. Rumor has it that the exploration results to date are encouraging for gold mineralization.

Other than some minor garbage from what looks like a 1980's fly camp, found in the alpine in the Camp 1 area, no evidence of mineral exploration was found (assuming that the garbage was left by explorationists).

Outside the project area, a Minfile occurrence, the Hig (#105E 024), is covered by 15 Quartz claims. This is a weak porphyry occurrence discovered in 1975 by United Keno Exploration and is currently held by a numbered company (Yukon Minfile, 2015).

REGIONAL GEOLOGY

The Project Area was mapped by Tempelman-Kluit in the 1980's and has not been revisited since (Tempelman-Kluit, 2009). The YGS carried out a mapping program in the area this summer (2015) and the results are presently awaited. The area is underlain by rocks of the Whitehorse Trough, a frontier intermontane basin in south-central Yukon, south of the Tintina fault (Colpron, 2011). As described by the Yukon Geological Survey (Anonymous, 2015);

> The trough is an overlap assemblage, with strata unconformably overlying both the Stikine terrane (Lewes River arc), and also the Quesnel terrane locally. The trough originated as a forearc basin (based on structural geology and detrital clast content, but progressively evolved to become a synorogenic piggy-back basin sometime after the end of the Pliensbachian (Colpron 2014). The basin straddles the Yukon – British Columbia border, with its northernmost margin in the Carmacks area, and covers an area of approximately 2.44 million hectares. Its geology is characterized by an approximately 3000m thick deformed Jurassic sedimentary succession (the Laberge Group), underlain by a depositional basement of Triassic sediments (the Lewes River Group), and capped by Cretaceous and Neogene volcanic rocks.

Initially an apparent gossan, located at Camp 2, consisting of Open Creek formation dacitic volcanics (map unit uKW, Figure 2) prompted the current exploration program as described in this report. The volcanics are orange weathering lapilli tuffs, of dacitic composition. At camp 2, they are exposed as landslide rubble, are likely of intermediate composition and can be readily seen from the air (Photo 1). This landslide occurs along the trace of a major fault interpreted to be a splay of the Teslin Fault. This structure may have potential to be a mineralizing structure, due to its depth and its long range of activity (Colpron, pers. com.). The fault on the east side of the volcanics at Camp 2 as mapped by Tempelman-Kluit may have contributed to the landslide that created the large area of orange weathering rubble.

Another area of outcrop of volcanic rocks occurs about 5 km to the northwest of camp 2 (referred to as Camp 2 North). Here, the rocks consist mainly of intermediate (loc vesicular) flows, dykes, and some poorly consolidated ash tuffs. Some banded magnetite-carbonate veining has been observed.

These volcanic rocks, dated as late Cretaceous, overlie the Jurassic-Triassic stratigraphy and are thought to be the extrusive equivalent of the intrusive rocks hosting the Red Mountain molybdenum deposit, located to the southeast.

The Middle Triassic Joe Mountain Formation (map unit mTrJ, Figure 2) is the dominant unit underlying the Camp 1 area and much of the southern project area as well. It consists of basalt, andesite, microdiorite flows and related volcanic rocks. Minor gabbro and diorite units also make up the formation (Colpron, 2011).

Two sedimentary units are found within the project area, the Triassic Lewes River and Jurassic Laberge Groups (map units uTrAK and JL respectively, Figure 2). The formations that are of interest in project area, Aksala of the Lewes River and Richthofen of the Laberge Group, have similar lithologic description. Both are comprised of shale, conglomerate, limestone, siltstone and porphyry flows. One or both of these units may underlie the Pond Zone at Camp 2.

Two Cretaceous granitoid intrusions are found within the project area (map units mKW and EKgT, Figure 2) north and south of Camp 1 and intrude the sedimentary and volcanic units.

The Debicki Minfile occurrence (#105E 050), is described as chalcedony and jasperoid veins, silicified breccia, calcite and clay minerals associated with a 50 m x 100 m stockwork and alteration zone in a Tertiary porphyry dyke (Yukon Minfile, 2015). The occurrence location plots on the margin of a granitoid intrusion (map unit mKW, Figure 2). The occurrence is visible from the air as a limonitic weathering zone and appears to be cut by recessive NE trending structures. Although RGS samples from creeks draining the occurrence and much of the granitoid are not anomalous for gold it is thought that both the occurrence and granitoid should be examined.

GSC - RGS DATA

In the Camp 1 area a RGS sample (#851271) draining Triassic volcanic rocks ran 657 ppb Au, ranking in the 99th percentile for the Whitehorse Trough. A 2015 silt sample (#122554) collected in the upper reaches of this drainage contained 16.4 ppb Au. This anomaly is hindered by extensive glacial cover. A large number of granitic boulders, likely exotic, were noted at 2015 sample site 122554. A number of granitoids were noted on the lower slopes on the south side Teslin Mountain and this could be part of the story of the gold anomalies in stream sediment samples. The Golden Predator Corp. claim ground on the west side of Teslin Mountain covers a RGS sample (#881373) anomalous in gold.

No drainages sampled by the GSC are found in the RGS that drain the gossanous exposure at Camp 2. The low lying elevation of the occurrence, poorly developed drainages and glacial cover hinder the effectiveness of stream sediment sampling in this area.

To the east of Camp 2 (the 'gossan'), another stream sediment sample (883454) contained 97 ppm Cu. Draining coarse clastic rocks of the Laberge Group, this sample is also in the 99th percentile for the RGS samples of the Whitehorse Trough, and corresponds to a high magnetic anomaly and is worthy of follow-up. Unfortunately time constraints didn't permit examination of this drainage basin or magnetic anomaly in 2015.

REGIONAL GEOPHYSICAL DATA

The regional aeromagnetic total field data show the Camp 1 area to be underlain by a broad magnetic high (Figures 3 & 4). Interestingly, the drainage anomalous in gold in both the RGS sample (#851271) and the 2015 sample (#122554) on the south side of Teslin Mountain is on the margin of the magnetic high and within a magnetic low. This is similar to the setting of the Hig Minfile occurrence (#105E 024) about 6 km to the east.

Camp 2 area, underlain by the Open Creek volcanics, has a variable magnetic signature. A strong NE trending magnetic low linear cuts the Open Creek volcanic package and separates the area into separate north and south highs. The northern magnetic high appears stronger of the two and may represent a vent zone or volcanic neck as well being a local topographic high. The false 'gossan' at camp 2 is located near the NE trending magnetic low. However this variable magnetic signature is quite typical of volcanic rocks.

The regional NW trending fault zones that underlie the Open Creek valley and the Teslin River valley show up in part as strong NW trending magnetic lows and highs. The Pond Zone, an area of weak auriferous quartz +/- carbonate veining cutting metasediments and carbonate altered intrusive, is underlain by a magnetic low but near subtle magnetic highs.

PROJECT AREA GEOLOGY & MINERALIZATION

Camp 1

The dominant unit underlying the project area is dark green fine grained andesitic to basaltic volcanics (unit mTr, Figure 5) of the Middle Triassic Joe Mountain Formation. Intruding these volcanics are a number of dykes and sills of unknown age and of felsic to intermediate composition. Some, especially the diorite sills, could be contemporaneous with the volcanic package. Others, such as flow banded rhyolite dykes, aplite and granitoid dykes are likely related to the granitoids, units mKW and EKT, to the north and south of Camp 2 area respectively. At least two distinct felsic packages were observed: one feldspar-porphyritic intrusive unit, of various widths and grain sizes, and another quartz-rich unit.

The attitude of the mafic volcanic package was usually difficult to ascertain with certainty but where observed appeared to be gently to moderately dipping. Rock units on the west side of the area appear more basaltic. These rocks were cut by a number of NW trending narrow (<1-2 m wide) limonitic weathering fault zones with carbonate veining. Samples (ie. 122603) of this material are not anomalous for gold although it was weakly anomalous for Ag, Bi and As. A northwest trending flow banded rhyolite dyke at soil sample 579483 was unaltered and the soil sample from the margin of the dyke was not anomalous for gold.

The highest gold value from soil sampling at Camp 1 (1.71 gpt Au, an over-limit analysis, plotted as 100 ppb on maps) was from sample 579499 collected from a NE trending recessive zone, up to 20 m wide, with clay and decomposed quartz feldspar porphyry. This area would be more promising except other nearby samples of similar material returned low values

for gold and pathfinder elements. Interestingly the Debicki Minfile occurrence (number 105E 050) found on the margin of map unit mKW (Figure 2) is about two kilometers to the NE (on trend) of this anomalous sample and is somewhat similar in description. Further work is needed in order to evaluate the significance of this anomalous soil sample.

Approximately two person days were spent on the SE side of the Camp 1 area mapping, prospecting and sampling outcrop and scree of feldspar porphyry (unit FP) in a prominent NW trending gully up to 10 m wide. Associated with the feldspar porphyry and andesitic volcanics, in the recessive zone, is float and rare outcrop of quartz-jasperoid-magnetite veining. Several rock samples of this material were collected and the highest gold value obtained was from sample 122608 with 152 ppb Au, 301 ppm As, 11 ppm Sb and 13.7% Fe. Similarly soil samples from the area returned mostly low gold values with a high value of 41.7 ppb Au from sample 579489.

Similar quartz-jasperoid-magnetite veining was found on the ridge top (rock samples 122606, 122609) and returned low values for gold and other elements of interest. A prominent north trending broad (10+ m) recessive zone with consistent frost boils containing abundant clay, fragments of felsic to intermediate porphyry and rare quartz veining returned low gold values from soil samples (579491-493, 122551) along its length.

Camp 2

The geology in the Camp 2 area can be subdivided into two major components; the upper Cretaceous Open Creek Formation (map unit uKW, Figure 7) and Jurassic Laberge Group (map unit JL, Richthofen Formation). The Lewes River Group (map unit uTrAK, Aksala Formation) is mapped by Colpron (2014) as being in fault contact with the Laberge Group and as the description of the two formations is similar, the actual rock unit(s) found to the east of the Open Creek formation is not known for certain.

The area on either side of the two small ponds in the valley at the foot of the landslide on the east side of the Open Creek formation is the most interesting area in terms of anomalous gold values and is tentatively named the Pond Zone (Figure 8). It is possible that these outcrops were never mapped until now. Silt sample 122568 collected from a meandering creek draining the area (choked with glacially derived sediment), contained 56.1 ppb Au. Whale back type outcrops have been scoured by glaciers from a southeasterly direction, the same trend as the creek and ponds. Outcrops consist of siltstone – sandstone (map unit SS), limestone (map unit LST), shale (map unit SHL), conglomerate (map unit CON) and a carbonate altered intrusive (map unit INT) of undetermined type (intermediate to mafic and possibly even locally gabbroic in composition). All rock types are cut by thin quartz and/or carbonate veins and veinlets. There are also local areas of silicification, brecciation and weak zones of carbonate – quartz stockwork. Taken together the scattered outcrops define an anomalous area of about 300 m in an E-W direction and 200 m in an N-S direction.

Of the eight significant rock samples collected (Table 1), one sample contained 823 ppb Au and seven contained between 53 – 194 ppb Au. Silver values are less than 0.9 ppm, antimony is between 3 – 26 ppm and arsenic values for the eight samples range between 12 – 470 ppm. Other elements of interest returned low to background values. Due to Pleistocene glaciation, the media for effective soil sampling is far from ideal, nevertheless, utilizing a hand soil auger or collecting near surface samples below the low outcrops, anomalous gold values (42.8 and 77.8 ppb) were returned for two samples (Table 2). Arsenic for four samples ranged between 31.1 – 153 ppm and antimony values for the same samples are less than 5.49 ppm. Given that the area was prospected and sampled in 2015 for only about two person days and that the nature of the mineralization and its limits are unknown, results are encouraging and additional work in this area is required.

Typically the Open Creek formation consists of a fine grained grey quartz feldspar hornblende crystal lithic lapilli tuff and is magnetite bearing (map unit TUF, Figure 7). The lapilli tuffs may be interlayered with andesitic flows. At the northwest side of Camp 2 (Figure 9) the lapilli tuffs are cut by a NNE near vertical andesite - basalt dyke up to 20 m wide with flanked by a 2

m wide rhyolite dyke on the west side (field station RH15123). A rock sample of weak quartz - carbonate veining from the andesite – basalt dyke contained low gold values.

At field station RH15121, a cliff of near horizontal fine grained grey andesitic volcanic flows (?), with possible cooling joints, are cut by a number of fine grained clear to light grey quartz – chalcedony – magnetite veinlets. Samples of this material contained close to background gold values (i.e. samples 122907-911).

Also at the north side of Camp 2 (soil samples 122561 and 122854) an enigmatic exposure of white clay in limonitic - rusty weathering andesite volcanics and poorly consolidated greenish lapilli tuff was found. One sample contains 43 ppm As but otherwise the two soil samples returned low gold values and low values for pathfinder elements. The dyking, weak veining and possible the clay point to the potential for epithermal type mineralizaton hosted by the Open Creek formation.

The prominent land slide and fault scarp the lapilli tuff weathers orange, giving rise to a false 'gossan' (Photo 1). This orange weathering sets this landslide area apart from other exposures of tuff that were examined to the north. The resulting landslide debris shows flow patterns and spreads out on the valley floor. To the west of the cliff like fault scarp and the bluff that forms an abrupt valley wall are large fissures and slump features indicating the area affected by the landslide is in excess of 1km^2. The age of the land slide is likely greater than 1200 years before present as apparently undisturbed layers of White River ash were noted on the debris. Although the 'gossan' proved to be false, why it weathers orange is unknown. The volcanic stratigraphy, the intersection of regional faults and the variable aeromagnetic signature points to a favorable environment for epithermal mineralization.

Table 1. Significant rock samples collected from the 'Pond Zone' at Camp 2.

Sample_No	UTM E	UTM N	Description	Au-ICP21-ppm	Au-ICP21-ppb	Ag_ppm	As_ppm	Sb_ppm
122614	528392	6773668	Tan weathering carb alt feld phyric volcanic - intrusive X/C by qtz - calcite veinlets. Grab of qtz with rare fine grained acicular silver sulfides(?) < 1-2 mm size	0.053	53	0.2	86	3
122615	528379	6773682	grab of qtz veining cross cutting carb altered feld phyric intrusive volcanic. Trace Sx.	0.823	823	0.9	462	25
122617	528081	6773640	White fine grained bull qtz vein approx 6 cm wide cross cutting variably brecciated and siliceous grey fine grained shale. "Siliceous brx zone with qtz vein in middle" (DH). Minor limonite.	0.187	187	0.2	90	9
122619	528392	6773665	Rough chip vertically over 1 m. Across O/C fractures. Flat lying <1cm qtz veinlets and oblique veinlets <2cm wide plus minor </=1-3mm random veinlets. Overall approx 5% qtz in sample and wall rock of brown weathering carb alt intrusive/volcanic. Sample approx 2 m west of 122614.	0.079	79	0.2	112	4
122620	528392	6773665	approx 8m rough chip - panel across o/c of 122614 and 122619. same veining and wallrock as 614 and 619). </= 5% qtz in sample, lim and tr py.	0.099	99	0.2	106	5
122623	528132	6773813	Grab from small o/c face, qtz stkwk x/c by what looks to be alt brx intrusive as at 122614.	0.098	98	0.2	12	7
122624	528382	6773680	grab of qtz veining over 6", white to light grey qtz, trace dis fine grained pyrite. X/c'ing carb alt feld phyric volc - intrusive.	0.64	640	0.6	470	26
122916	528134	6773810	zone of intense qtz stockwork and brecciation in altered intrusive rx, like stn across swamp.	0.194	194	0.5	19	12

Table 2. Significant soil samples collected from the 'Pond Zone' at Camp 2.

Samp_No	UTM East	UTM North	Description	Au_ST43_ppm	Au_ST43_PPB	Au_MS41L_PPB	Ag_ppm	As_ppm	Sb_ppm
122562	528425	6773644	Talus fines from base of small outcropping brown weathering brown lithic sandstone to conglomerate (congl only found in float), calcareous matrix, Mn on fracture - clast surfaces.	0.0428	42.8	44.2	0.165	153	5.49
122563	528357	6773721	Talus fines, grey soil below small grey limestone o/c, x/c by irregular calcite veinlets, float block with slicks and crackle brx - X/c by calcite veinlets.	0.0021	2.1	1.6	0.527	32.5	5.24
122864	528081	6773640	talus fines, bedrock of quartz veined grey shale	0.0778	77.8	81.1	0.162	34.5	2.26
122866	528410	6773693	1m deep auger soil sample, beige - olive sandy soil	0.0055	5.5	5	0.218	31.1	1.41

GEOCHEMISTRY

All sample and field stations locations were collected by GPS, Garmin model 60CSx, with an accuracy commonly of +/- 3 m, using a UTM grid, NAD83 Datum in zone 8v.

A total of 39 rock samples, 54 soil or talus fines samples and five stream sediment samples were collected on the Teslin Mountain Project in 2015. All samples were collected by either Roger Hulstein or Danièle Héon and submitted by Roger Hulstein to ALS Canada Ltd.'s preparation laboratory in Whitehorse, Yukon. Samples were dried, weighed, crushed or screened as the case may be in Whitehorse and then forwarded to ALS is North Vancouver BC for analysis. Analytical Certificates are presented in Appendix A. Using Microsoft Excel geochemical results were merged with locations and descriptions and are presented in Appendix B for rocks, Appendix C for soils and Appendix D for stream sediment samples.

For rock samples analytical procedures included analysis for 35 elements by ICP-AES using a 1 gram pulverized sample split. Gold was also analyzed separately using a 30 gram pulverized sample split and subjected to aqua regia extraction, fire assay and an ICP-AES finish (ALS method Au-ICP21). Soil samples were screened to -180 um and a 1 gram split was analyzed for 53 elements by ICP-MS. To ensure accuracy gold was also analyzed using a 25 gram sample split by aqua regia extraction and ICP-MS finish (method Au-ST43). One sample (579499) was over the 100 ppb Au limit for method Au-ST43 and analyzed by ICP-MS separately to capture the 1.71 ppm Au value (ALS Code Au-AROR43). Stream sediment samples were screened to -180 um and a 1 gram split was analyzed for 53 elements by ICP-MS. Gold was analyzed using a 50 gram split subjecting it to aqua regia extraction and ICP-MS finish (method Au-ST44).

Anomalous thresholds for gold and other elements of interest (Ag, Bi, As, Sb, Hg, Cu, Pb, Zn, Mo) were determined by eye and using natural breaks (Jenks) with ESRI ArcGis 10. Significant analytical results are described above under "Project Area Geology and Mineralization".

CONCLUSIONS AND RECOMMENDATIONS

Mineral exploration in 2015 at the Teslin Mountain project found one potentially significant area anomalous in gold at Camp 2. This area, tentatively called the Pond Zone, has an approximate current minimum extent of 300 m by 200 m based on scattered outcrops of quartz and/or carbonate-veined shale, siltstone – sandstone – conglomerate, limestone and carbonate-altered intrusive of indeterminate type (likely intermediate to mafic in composition). All units are likely part of the Jurassic Laberge Group. There are also local areas of silicification, brecciation and weak zones of carbonate – quartz stockwork.

Rock sampling of the above veined lithologies at the Pond Zone yielded one sample containing 823 ppb gold and seven samples have between 53 – 194 ppb Au. Silver values are less than 0.9 ppm, antimony is between 3 – 26 ppm and arsenic values for the eight samples range from 12 – 470 ppm. Soil sampling returned two samples with anomalous gold values of 42.8 and 77.8 ppb and four samples contain arsenic ranging between 31.1 – 153 ppm. A stream sediment sample collected downstream contained 56.2 ppb Au. Given that the 'Pond Zone' area was prospected and sampled for only about two person days in 2015 and that the nature of the mineralization and its limits are unknown, additional work in this area is required to determine its significance.

The 'gossan' at Camp 2 which was the primary reason why the Teslin Mountain Project took place was determined to be false. It consists of orange weathering lapilli tuffs of the Open Creek formation that are otherwise quite fresh with no indications of mineralization. However elsewhere within the Open Creek formation a case can be made for possible epithermal deposits hosted by the volcanics based on the sporadic and low values for gold and pathfinder elements, alteration, dyke rocks and weak veining plus the enigmatic aeromagnetic signature. This coupled with the lack of outcrop means that the area cannot be considered fully explored, and potential for epithermal type mineralization remains.

In the Camp 1 area, a soil sample collected from a white decomposed felsic dyke within a NE trending recessive zone, contained 1.71 ppm Au. This recessive zone strikes towards the Debicki Minfile occurrence (approximately 2 km to the NE) which is on the margin of a small body of grandiorite – quartz diorite (map unit mKW). The Golden Predator claims, staked to cover an auriferous GSC-RGS sample, also lie on the margin of the same mKW intrusive.

In the Camp 1 area were a number of areas with quartz-jasperoid-magnetite veining were mapped and sampled. The veining is commonly associated with recessive linears, likely fault structures and often occupied by felsic to intermediate intrusions. These zones commonly trend north to northwest and rock and soil samples contained low to background results for gold. Mapping and stream sediment sampling on the south side of the E- W trending ridge at Camp 2 located a number of granitoid outcrops and it appears there could be more granitic rocks underlying this area which has a magnetic low signature. The 657 ppb gold RGS sample draining this glacial debris covered area remains unexplained.

Based on the work and anomalous results obtained in 2015 on the Teslin Mountain project area additional work is warranted and recommended. Additional prospecting, rock sampling and possibly selective soil sampling is required at the 'Pond Zone' and surrounding area at Camp 2. The extent and significance of the low grade gold mineralization (up to 823 ppb gold in rock) needs to be determined. Ideally a low level close spaced aeromagnetic survey would be carried out over this area to help determine trends obscured by the glacial cover.

At Camp 1 the significance of the 1.71 gpt Au in soil sample from a NE trending recessive zone and decomposed felsic dyke needs to be determined. Given that the zone is above tree line, prospecting, surface geochemical sampling and geological mapping is recommended. The same work should be carried out between this anomalous soil sample and the Debicki Minfile occurrence 2 km to the northeast. The occurrence and surrounding area needs to be explored to determine its significance and potential structural controls. The granitoid that abuts the Golden Predator claims and hosts the Debicki occurrence needs to be examined to see what part it might play in a gold mineralizing system.

REFERENCES

Anonymous, 2015. Digital products from Yukon Geological Survey, available on-line from the YGS: http://www.geology.gov.yk.ca/whitehorse_trough.html

Yukon Minfile, 2015. Digital products from Yukon Geological Survey, available on-line from the YGS: http://www.geology.gov.yk.ca/

Colpron, M. (comp.), 2011. Geological compilation of Whitehorse trough - Whitehorse (105D), Lake Laberge (105E), and part of Carmacks (115I), Glenlyon (105L), Aishihik Lake (115H), Quiet Lake (105F) and Teslin (105C) (1:250 000-scale). Yukon Geological Survey, Geoscience Map 2011-1, 3 maps, legend and appendices.

Tempelman-Kluit, D.J., 2009. Geology of Carmacks and Laberge map areas, central Yukon: Incomplete draft manuscript on stratigraphy, structure and its early interpretation (ca. 1986), GSC OF 5982

STATEMENT OF QUALIFICATIONS

I, Roger W. Hulstein, of:

106 Wilson Drive
Whitehorse, Yukon Territory
Y1A 0C9,

do hereby certify that:

1. I am an independent, self employed, mineral exploration geologist with over 30 years of experience working in the Yukon.

2. I am a graduate of Saint Mary's University, Halifax, with a degree in geology (B.Sc., 1981) and have been involved in geology and mineral exploration continuously since 1978.

3. I am a fellow of the Geological Association of Canada (F3572).

4. I am registered as a professional geoscientist (No. 19127) with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

5. I am the author of this report on the Teslin Mountain Project in the Whitehorse Mining District, Yukon.

6. The report is based on personal examination of the ground from June 20 – 27th, 2015 and on referenced sources.

Roger Hulstein, P.Geo. **January 11, 2016**

Appendix A

Analytical Certificates

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 16-JUL-2015
This copy reported on
17-JUL-2015
Account: HIODAN

CERTIFICATE WH15096954

Project: Teslin Mountain 2015

P.O. No.: TM-15-01

This report is for 39 Rock samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2015.

The following have access to data associated with this certificate:

DANIELE HION	ROGER HULSTEIN	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

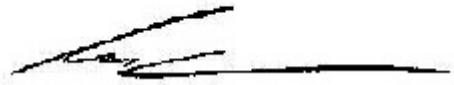
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: **DANIELE HEON**
ATTN: ROGER HULSTEIN
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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Finalized Date: 16-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096954

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
122603		0.99	0.015	<0.2	0.93	9	<10	20	<0.5	<2	1.67	<0.5	11	46	3	2.80
122604		0.73	0.001	<0.2	0.78	4	<10	80	<0.5	<2	0.26	<0.5	2	7	4	0.55
122605		1.14	0.001	<0.2	0.08	25	<10	20	<0.5	<2	3.64	<0.5	1	22	17	7.94
122606		0.92	0.006	<0.2	0.04	147	<10	20	<0.5	<2	0.04	<0.5	<1	15	4	6.02
122607		1.58	<0.001	<0.2	1.43	5	<10	200	0.6	<2	0.04	<0.5	23	34	32	7.39
122608		1.50	0.152	0.3	0.19	301	<10	10	<0.5	<2	0.02	<0.5	4	21	156	13.70
122609		0.67	0.112	0.3	0.12	364	<10	50	<0.5	<2	0.03	<0.5	11	23	56	5.60
122610		0.98	0.004	<0.2	0.03	28	<10	40	<0.5	<2	1.81	<0.5	<1	23	7	5.60
122611		0.60	0.001	<0.2	0.51	29	<10	60	<0.5	<2	4.36	<0.5	13	44	14	3.60
122612		0.78	<0.001	<0.2	1.10	51	<10	90	<0.5	<2	10.2	<0.5	12	24	13	3.23
122613		0.70	0.010	<0.2	0.64	24	<10	410	<0.5	<2	5.76	<0.5	16	26	50	3.91
122614		0.87	0.053	<0.2	0.86	86	<10	50	<0.5	2	3.07	<0.5	4	9	5	1.38
122615		0.80	0.823	0.9	0.74	462	<10	70	<0.5	<2	4.93	<0.5	15	15	57	3.40
122616		0.64	0.003	<0.2	1.76	3	<10	40	0.7	<2	5.23	<0.5	9	18	39	3.73
122617		1.14	0.187	<0.2	0.57	90	<10	50	<0.5	<2	0.38	<0.5	4	12	41	1.00
122618		0.62	0.009	<0.2	0.82	21	10	150	<0.5	<2	1.92	<0.5	4	4	4	1.52
122619		1.23	0.079	0.2	0.68	112	<10	40	<0.5	<2	1.64	<0.5	4	7	7	1.04
122620		2.30	0.099	<0.2	0.72	106	<10	60	<0.5	<2	3.13	<0.5	4	6	5	1.56
122621		0.81	0.003	<0.2	0.73	22	<10	60	<0.5	<2	5.24	<0.5	5	7	3	1.72
122622		0.77	0.002	<0.2	0.75	4	<10	50	<0.5	<2	3.29	<0.5	4	8	4	1.27
122623		0.84	0.098	0.2	0.45	12	<10	40	<0.5	<2	0.35	<0.5	8	11	27	2.47
122624		0.72	0.640	0.6	0.50	470	<10	40	<0.5	<2	1.45	<0.5	6	7	20	1.88
122901		0.83	0.009	0.5	4.64	9	<10	30	<0.5	<2	3.75	<0.5	11	78	355	3.46
122902		0.52	0.007	<0.2	0.49	5	<10	10	<0.5	<2	0.52	<0.5	2	13	3	0.48
122903		0.63	0.003	<0.2	0.84	14	<10	40	<0.5	<2	0.46	<0.5	4	40	45	1.67
122904		0.83	0.003	<0.2	0.04	18	<10	10	<0.5	<2	0.04	<0.5	6	26	10	7.88
122905		0.45	<0.001	<0.2	0.42	<2	<10	40	<0.5	<2	1.43	<0.5	2	4	1	0.87
122906		0.49	0.005	0.5	2.44	6	<10	20	<0.5	<2	2.58	<0.5	19	63	640	5.23
122907		0.87	<0.001	<0.2	0.64	17	<10	120	<0.5	<2	2.22	<0.5	9	34	15	3.26
122908		0.54	<0.001	<0.2	0.96	<2	<10	70	<0.5	<2	2.01	<0.5	14	68	25	3.35
122909		0.65	<0.001	<0.2	0.39	57	<10	50	0.6	<2	13.4	<0.5	9	31	7	4.03
122910		0.35	<0.001	<0.2	0.38	<2	<10	2120	<0.5	<2	7.4	<0.5	10	29	8	2.11
122911		0.55	<0.001	<0.2	0.81	2	<10	230	<0.5	<2	0.47	<0.5	1	15	6	2.55
122912		0.48	<0.001	0.2	1.10	<2	<10	350	<0.5	<2	0.25	<0.5	<1	11	11	2.90
122913		0.43	<0.001	<0.2	0.88	<2	<10	170	<0.5	<2	0.22	<0.5	1	16	3	2.81
122914		0.39	<0.001	<0.2	1.02	16	<10	140	<0.5	<2	0.19	<0.5	1	11	9	2.14
122915		0.81	<0.001	<0.2	0.49	4	<10	40	<0.5	<2	1.17	<0.5	2	8	13	1.32
122916		1.06	0.194	0.5	0.27	19	<10	180	<0.5	<2	0.07	<0.5	3	14	36	0.95
122917		0.76	<0.001	<0.2	0.75	2	<10	470	<0.5	<2	0.28	<0.5	<1	3	1	0.36

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 16-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096954

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
122603		<10	<1	0.02	<10	0.73	467	6	0.13	20	340	5	0.01	2	7	28
122604		<10	<1	0.13	10	0.13	46	<1	0.14	1	210	5	0.01	<2	<1	33
122605		<10	<1	0.01	<10	0.01	419	2	0.01	2	130	6	0.01	<2	<1	2
122606		<10	<1	0.01	<10	<0.01	58	2	<0.01	1	220	5	2.73	3	<1	1
122607		<10	<1	0.16	10	0.03	934	<1	0.01	28	610	4	0.01	<2	12	5
122608		<10	<1	<0.01	<10	0.01	166	12	<0.01	7	670	13	0.03	11	1	1
122609		<10	<1	0.01	<10	0.01	166	3	0.01	4	250	4	0.02	10	1	2
122610		<10	<1	<0.01	<10	0.02	283	<1	0.01	2	130	6	0.03	<2	<1	2
122611		<10	1	0.08	10	3.07	1470	3	0.14	34	1100	4	0.04	<2	9	80
122612		<10	1	0.11	10	2.42	1590	4	0.20	27	600	4	0.03	<2	9	234
122613		<10	<1	0.13	<10	0.90	851	<1	0.02	14	530	4	0.02	3	16	239
122614		<10	<1	0.10	<10	1.00	367	<1	0.01	8	430	8	0.06	3	3	186
122615		<10	<1	0.10	<10	1.42	961	1	0.01	18	440	7	0.33	25	12	184
122616		10	<1	0.08	10	0.74	743	<1	0.03	8	470	6	<0.01	<2	10	119
122617		<10	1	0.05	<10	0.06	91	1	0.01	5	420	3	0.04	9	3	13
122618		<10	1	0.21	20	0.42	394	<1	0.02	3	320	18	0.02	2	4	174
122619		<10	1	0.08	<10	0.39	259	<1	0.01	11	270	8	0.06	4	3	92
122620		<10	<1	0.10	<10	0.99	413	<1	0.01	12	400	9	0.05	5	3	240
122621		<10	1	0.08	10	1.25	458	<1	0.01	10	160	7	<0.01	<2	3	339
122622		<10	1	0.09	<10	0.11	209	<1	0.02	11	550	7	0.01	<2	3	125
122623		<10	<1	0.11	<10	0.10	422	<1	0.01	11	320	4	0.01	7	6	24
122624		<10	1	0.10	<10	0.25	290	2	0.01	10	230	6	0.35	26	4	85
122901		10	1	0.07	<10	0.64	371	<1	0.36	18	390	11	0.26	<2	9	136
122902		<10	<1	0.01	10	0.36	125	<1	0.15	4	530	4	0.01	<2	1	8
122903		10	<1	0.05	<10	0.40	162	<1	0.14	28	260	15	0.10	<2	5	18
122904		<10	<1	<0.01	<10	0.01	56	1	0.01	5	100	3	0.01	2	<1	1
122905		<10	<1	0.01	30	0.04	359	<1	0.10	4	390	6	0.01	<2	3	13
122906		10	<1	0.09	<10	0.61	325	<1	0.28	23	530	9	0.69	2	8	43
122907		<10	<1	0.07	10	1.47	928	2	0.18	31	1090	5	0.29	<2	5	68
122908		<10	<1	0.14	20	0.70	840	<1	0.18	44	1490	<2	0.01	2	11	92
122909		<10	1	0.07	10	7.41	3900	6	0.09	31	570	2	0.01	2	16	164
122910		<10	<1	0.03	10	4.45	3620	1	0.09	40	340	<2	0.05	<2	4	134
122911		10	<1	0.19	10	0.51	290	2	0.15	3	920	8	0.03	<2	4	40
122912		10	<1	0.31	20	0.75	225	3	0.18	1	740	11	0.45	<2	5	135
122913		10	<1	0.21	20	0.43	188	2	0.14	1	870	8	0.40	<2	5	56
122914		10	<1	0.20	10	0.56	130	2	0.10	1	340	5	0.27	<2	4	58
122915		<10	1	0.09	10	0.05	144	<1	0.04	5	590	4	0.02	2	2	54
122916		<10	<1	0.05	<10	0.03	177	<1	<0.01	3	90	2	0.02	12	3	10
122917		<10	<1	0.24	30	0.12	170	<1	0.81	1	120	10	0.02	2	1	23

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

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Finalized Date: 16-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096954

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
122603		<20	<0.01	<10	<10	70	<10	67
122604		<20	0.01	<10	<10	3	10	8
122605		<20	<0.01	<10	<10	6	<10	8
122606		<20	<0.01	<10	<10	22	<10	6
122607		<20	0.01	<10	<10	104	<10	72
122608		<20	<0.01	10	<10	126	<10	38
122609		<20	<0.01	<10	<10	48	<10	12
122610		<20	<0.01	<10	<10	13	<10	7
122611		<20	0.02	<10	<10	74	<10	64
122612		<20	0.03	<10	<10	49	<10	34
122613		<20	<0.01	<10	<10	109	<10	57
122614		<20	<0.01	<10	<10	15	<10	19
122615		<20	<0.01	<10	<10	83	<10	59
122616		<20	<0.01	<10	<10	94	<10	69
122617		<20	<0.01	<10	<10	38	<10	23
122618		<20	<0.01	<10	<10	22	<10	33
122619		<20	<0.01	<10	<10	10	<10	21
122620		<20	<0.01	<10	<10	11	<10	27
122621		<20	<0.01	<10	<10	14	<10	26
122622		<20	<0.01	<10	<10	17	<10	28
122623		<20	<0.01	<10	<10	24	<10	42
122624		<20	<0.01	<10	<10	14	<10	23
122901		<20	0.30	<10	<10	90	<10	56
122902		<20	0.09	<10	<10	15	<10	14
122903		<20	0.12	<10	<10	43	<10	37
122904		<20	<0.01	<10	<10	16	<10	6
122905		<20	<0.01	<10	<10	17	<10	32
122906		<20	0.25	<10	<10	134	<10	51
122907		<20	0.07	<10	<10	69	<10	38
122908		<20	0.10	<10	<10	81	<10	56
122909		<20	0.02	<10	<10	70	<10	48
122910		<20	0.05	<10	<10	31	<10	38
122911		<20	0.12	<10	<10	69	<10	25
122912		<20	0.03	<10	<10	59	<10	29
122913		<20	0.06	<10	<10	75	<10	22
122914		<20	0.02	<10	<10	50	<10	14
122915		<20	0.01	<10	<10	19	<10	21
122916		<20	<0.01	<10	<10	18	<10	16
122917		20	0.01	<10	<10	3	<10	19

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

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 16-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096954

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

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

Applies to Method:		
Au-ICP21	ME-ICP41	

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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 22-JUL-2015
This copy reported on
23-JUL-2015
Account: HIODAN

CERTIFICATE WH15096970

Project: Teslin Mountain 2015

P.O. No.: TM-15-03

This report is for 5 Stream Sediment samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2015.

The following have access to data associated with this certificate:

DANIELE HION	ROGER HULSTEIN	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-41f	Screen to -75um, save both
SCR-41	Screen to -180um and save both
CMB-01	Recombining samples

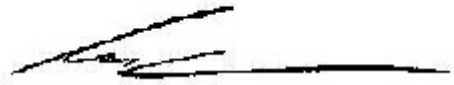
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ST44	Super Trace Au - 50g AR	ICP-MS
ME-MS41L	Super Trace AR by ICP-MS	

To: **DANIELE HEON**
ATTN: ROGER HULSTEIN
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

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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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 22-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096970

Sample Description	Method	WEI-21	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01	0.005
122554		1.06	0.0040	0.083	1.03	4.11	<10	155.0	0.25	0.568	0.59	0.232	49.5	9.76	52.7	1.750
122555		0.95	0.0052	0.436	1.85	15.25	<10	170.5	0.51	0.304	0.75	1.045	31.6	15.30	58.2	8.37
122557		0.93	0.0025	0.196	1.55	11.35	<10	124.0	0.41	0.155	0.50	0.439	26.0	12.30	51.8	5.86
122566		0.66	0.0007	0.110	0.76	1.22	10	173.5	0.18	0.033	1.42	0.156	20.3	4.73	24.0	1.510
122568		1.13	0.0005	0.039	0.93	5.89	<10	125.0	0.21	0.071	0.57	0.089	24.7	9.58	34.4	0.624

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

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 22-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096970

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.01	0.001	0.004	0.005	0.002	0.004	0.005	0.01	0.002	0.1	0.01	0.1	0.01	0.001	0.002
122554		25.1	2.80	4.11	0.082	0.040	0.012	0.015	0.10	27.9	8.1	0.55	363	0.66	0.023	0.525
122555		61.1	2.93	5.76	0.074	0.011	0.056	0.035	0.10	20.0	13.6	0.78	494	1.56	0.030	0.570
122557		33.7	2.31	4.92	0.060	0.007	0.025	0.018	0.08	15.60	10.6	0.64	447	1.64	0.022	0.525
122566		19.75	1.570	2.69	0.059	0.081	0.083	0.009	0.07	13.85	5.3	0.55	182.5	0.54	0.092	0.412
122568		15.25	2.28	3.46	0.056	0.120	0.006	0.016	0.05	12.60	7.0	0.63	399	0.86	0.036	0.406

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

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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 22-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096970

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.04	0.001	0.005	0.001	0.002	0.005	0.001	0.01	0.005	0.005	0.1	0.01	0.01	0.005	0.01
122554		25.7	0.128	7.55	0.001	<0.002	9.69	<0.001	0.01	0.451	3.86	0.4	0.64	20.5	<0.005	0.05
122555		33.9	0.115	12.25	<0.001	<0.002	11.40	<0.001	0.07	1.100	4.99	2.2	0.46	27.1	<0.005	0.06
122557		32.1	0.089	8.19	0.001	<0.002	8.57	0.001	0.07	1.035	2.67	1.3	0.33	22.7	<0.005	0.10
122566		10.30	0.089	2.99	0.004	<0.002	11.65	<0.001	0.12	0.161	3.07	1.5	1.54	106.5	<0.005	0.02
122568		18.95	0.065	4.12	0.002	<0.002	5.09	0.001	0.04	0.306	4.28	0.5	0.24	29.2	<0.005	0.02

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 22-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096970

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	Au-ST44
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Au
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.002	0.001	0.002	0.005	0.1	0.001	0.003	0.1	0.01	0.0001
122554		9.10	0.090	0.109	1.365	77.0	3.78	8.27	35.0	1.36	0.0164
122555		0.776	0.059	0.151	3.14	78.2	1.505	19.00	76.8	0.31	0.0054
122557		0.536	0.058	0.118	3.38	66.8	0.779	12.80	49.9	0.35	0.0044
122566		1.325	0.048	0.063	2.50	47.1	0.059	8.82	35.3	2.48	0.0017
122568		3.41	0.081	0.058	0.748	64.6	0.487	6.81	37.7	4.09	0.0561

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

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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 22-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096970

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41L

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
CMB-01 SCR-41 SCR-41f WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ST44 ME-MS41L

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: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 21-JUL-2015
Account: HIODAN

CERTIFICATE WH15096973

Project: Teslin Mountain 2015

P.O. No.: TM-15-02

This report is for 54 Soil samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2015.

The following have access to data associated with this certificate:

DANIELE HION	ROGER HULSTEIN	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-41	Screen to -180um and save both

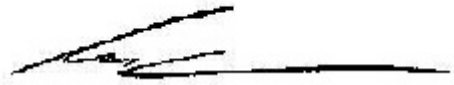
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AROR43	Au AR Overrange - 25g	ICP-MS
Au-ST43	Super Trace Au - 25g AR	ICP-MS
ME-MS41L	Super Trace AR by ICP-MS	

To: **DANIELE HEON**
ATTN: ROGER HULSTEIN
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

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

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: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 21-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096973

Sample Description	Method	WEI-21	Au-ST43	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.0001	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01
579477		0.31	0.0020	0.0104	0.031	1.45	6.32	<10	122.0	0.31	0.334	0.22	0.141	29.9	9.26	32.6
579478		0.31	0.0074	0.0036	0.108	1.50	15.20	<10	97.2	0.48	1.840	0.66	0.310	17.45	39.4	98.4
579479		0.28	0.0020	0.0021	0.105	1.04	18.35	<10	99.5	0.74	0.131	0.57	0.368	12.10	40.8	94.9
579480		0.36	0.0024	0.0030	0.155	1.52	13.65	<10	172.0	0.46	0.492	0.50	0.294	16.85	24.0	72.3
579481		0.35	0.0038	0.0055	0.161	1.62	11.00	<10	209	0.39	0.580	0.57	0.272	27.2	22.4	38.4
579482		0.25	0.0056	0.0063	4.14	2.02	24.5	<10	178.0	0.78	35.6	0.78	8.17	11.40	44.0	105.0
579483		0.30	0.0053	0.0059	1.235	0.90	65.9	<10	385	0.74	4.13	0.55	1.810	14.05	81.7	18.40
579484		0.34	0.0024	0.0022	0.091	0.96	27.4	<10	298	0.57	0.084	0.30	0.128	13.40	65.6	37.9
579485		0.29	0.0018	0.0009	0.163	1.90	5.74	<10	92.2	0.36	0.124	0.28	0.272	13.90	15.60	58.9
579486		0.28	0.0035	0.0018	0.102	1.84	9.06	<10	90.2	0.43	0.126	0.26	0.180	26.3	11.55	42.8
579487		0.42	0.0025	0.0016	0.169	1.80	12.60	<10	104.0	0.41	0.152	0.27	0.223	17.80	14.40	32.6
579488		0.32	0.0043	0.0043	0.184	1.17	26.0	<10	123.5	0.48	0.119	0.38	0.385	38.1	24.0	30.8
579489		0.32	0.0417	0.0067	0.219	1.66	34.9	<10	131.0	0.70	0.178	0.33	0.571	27.2	26.6	52.0
579490		0.38	0.0019	0.0021	0.166	1.60	12.85	<10	149.5	0.65	0.135	0.43	0.193	19.45	32.1	80.6
579491		0.38	0.0020	0.0032	0.051	1.73	10.55	<10	97.0	0.50	0.179	0.24	0.159	32.8	15.30	47.9
579492		0.45	0.0018	0.0011	0.062	1.63	11.40	<10	112.5	0.56	0.177	0.34	0.153	34.6	24.2	59.2
579493		0.42	0.0016	0.0011	0.040	1.27	4.34	<10	97.8	0.53	0.252	0.36	0.112	22.7	18.95	46.4
579494		0.31	0.0015	0.0010	0.044	2.75	10.65	<10	96.6	0.50	0.203	0.38	0.124	23.6	29.0	57.7
579495		0.38	0.0037	0.0024	0.079	1.96	17.00	<10	70.5	0.30	0.504	0.57	0.172	26.4	39.9	51.4
579496		0.37	0.0024	0.0010	0.023	1.53	9.43	<10	151.0	0.51	0.207	0.44	0.169	33.9	20.1	48.9
579497		0.35	0.0042	0.0016	0.068	1.92	9.58	<10	112.0	0.46	0.186	0.34	0.205	25.1	12.45	46.2
579498		0.34	0.0033	0.0021	0.045	1.70	7.56	<10	98.8	0.40	0.201	0.35	0.229	29.2	13.60	45.8
579499		0.44	>0.1000	0.515	0.048	1.02	5.93	<10	71.7	0.45	0.117	0.32	0.112	30.2	10.65	27.9
579500		0.33	0.0210	0.0177	1.240	1.33	283	<10	99.2	0.79	0.388	0.22	0.739	26.7	58.2	20.1
122851		0.21	0.0033	0.0013	0.139	1.69	8.77	<10	90.1	0.39	0.179	0.22	0.330	17.80	11.25	39.6
122852		0.17	0.0027	0.0006	0.109	1.13	5.24	<10	78.3	0.26	0.163	0.39	0.156	13.10	6.11	29.1
122853		0.32	0.0040	0.0024	0.142	0.88	2.84	<10	44.6	0.18	0.114	0.12	0.076	11.95	6.90	12.40
122854		0.58	0.0034	0.0026	0.096	1.28	43.2	<10	206	0.60	0.347	1.00	0.209	35.1	44.7	44.1
122855		0.32	0.0019	0.0002	0.398	1.59	3.47	<10	220	0.62	0.101	0.22	0.266	31.3	13.10	19.40
122856		0.39	0.0034	0.0033	0.357	1.66	42.0	<10	76.4	0.23	0.061	0.20	0.033	114.0	10.70	49.0
122857		0.49	0.0015	0.0009	0.105	1.73	20.8	<10	188.0	0.62	0.081	1.66	0.177	42.9	19.20	32.2
122858		0.41	0.0029	0.0021	0.148	1.64	6.79	<10	174.0	0.28	0.329	0.12	0.041	33.5	7.76	25.7
122859		0.49	0.0018	0.0016	0.195	1.74	1.72	<10	850	0.45	0.186	0.80	0.177	39.4	14.30	23.9
122860		0.43	0.0023	0.0014	0.130	1.43	4.46	<10	354	0.41	0.239	1.05	0.189	36.5	14.25	20.7
122861		0.49	0.0015	0.0005	0.119	1.42	1.44	<10	204	0.40	0.090	1.14	0.180	40.1	15.45	57.1
122862		0.44	0.0008	0.0006	0.074	1.49	0.96	<10	210	0.41	0.074	1.02	0.282	38.3	13.45	24.4
122863		0.39	0.0013	0.0009	0.134	2.22	6.57	<10	121.0	0.49	0.098	0.64	0.114	26.1	17.25	42.4
122864		0.29	0.0778	0.0811	0.162	2.02	34.5	<10	260	0.46	0.065	0.87	0.206	20.6	21.5	41.3
122865		0.45	0.0021	0.0018	0.053	1.78	8.32	<10	48.6	1.35	0.045	3.36	0.081	23.3	17.05	47.2
122866		0.15	0.0055	0.0050	0.218	1.09	31.1	<10	161.5	0.46	0.070	7.73	1.075	18.80	13.75	33.3

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 21-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096973

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.005	0.01	0.001	0.004	0.005	0.002	0.004	0.005	0.01	0.002	0.1	0.01	0.1	0.01	0.001
579477		2.71	20.6	2.16	4.34	0.038	0.007	0.019	0.014	0.06	15.05	10.2	0.60	295	0.59	0.018
579478		5.84	65.4	7.14	4.42	0.065	0.055	0.047	0.069	0.05	8.41	10.6	0.57	1610	0.91	0.026
579479		10.20	75.4	9.55	2.58	0.060	0.040	0.117	0.062	0.05	3.94	1.8	0.17	1595	0.83	0.008
579480		5.36	69.2	6.25	4.32	0.060	0.024	0.026	0.055	0.06	10.85	9.3	0.62	845	0.61	0.021
579481		5.65	62.6	5.92	4.87	0.066	0.009	0.037	0.057	0.06	13.65	11.6	0.78	1470	0.60	0.030
579482		17.70	141.5	8.07	5.59	0.067	0.110	0.030	0.063	0.12	3.98	16.3	0.89	1940	0.65	0.023
579483		13.60	117.5	10.35	3.01	0.093	0.058	0.112	0.079	0.06	4.85	2.6	0.26	2660	0.51	0.007
579484		18.30	41.8	6.19	3.68	0.053	0.012	0.103	0.140	0.06	6.51	2.9	0.20	1885	0.49	0.009
579485		6.74	48.5	3.00	6.39	0.047	0.015	0.040	0.020	0.06	6.18	13.6	1.13	498	0.59	0.019
579486		4.36	36.2	2.47	4.76	0.047	0.015	0.011	0.015	0.05	9.57	10.0	0.66	346	0.53	0.015
579487		7.54	39.4	2.93	5.44	0.041	0.012	0.068	0.026	0.06	6.64	9.5	0.59	549	1.05	0.021
579488		13.85	45.1	4.57	3.74	0.072	0.007	0.028	0.044	0.05	18.75	8.1	0.38	1020	0.39	0.012
579489		7.44	82.7	6.39	4.75	0.073	0.010	0.059	0.026	0.05	12.20	7.9	0.51	1630	1.15	0.018
579490		12.70	61.6	6.78	3.89	0.067	0.012	0.053	0.050	0.07	7.31	9.1	0.62	1420	0.25	0.011
579491		7.08	30.6	3.46	7.26	0.057	0.008	0.037	0.033	0.06	17.00	9.6	0.60	451	0.62	0.012
579492		10.50	40.3	4.20	5.27	0.059	0.031	0.021	0.034	0.06	18.10	9.5	0.63	792	0.60	0.013
579493		6.87	55.6	4.78	6.11	0.074	0.008	0.016	0.049	0.04	12.00	7.0	0.43	797	0.43	0.010
579494		6.10	47.9	5.05	10.65	0.064	0.016	0.018	0.050	0.08	9.79	13.0	1.05	959	0.57	0.018
579495		5.87	86.7	7.83	12.95	0.179	0.051	0.017	0.067	0.10	12.30	9.4	0.75	631	4.78	0.029
579496		7.37	37.9	3.66	5.81	0.062	0.009	0.017	0.031	0.06	18.85	9.8	0.63	699	0.47	0.015
579497		5.84	32.3	2.85	6.85	0.041	0.010	0.027	0.023	0.05	12.85	11.2	0.69	370	0.57	0.014
579498		4.51	32.7	2.67	6.43	0.051	0.015	0.024	0.022	0.06	16.40	11.0	0.72	441	0.56	0.013
579499		4.81	20.2	2.11	3.40	0.036	0.027	0.012	0.012	0.03	18.15	5.8	0.37	361	0.56	0.009
579500		5.61	334	8.93	5.10	0.080	0.009	0.099	0.049	0.04	12.15	5.5	0.32	1375	1.85	0.007
122851		9.39	36.2	2.52	6.25	0.025	0.006	0.044	0.020	0.05	9.62	9.3	0.57	352	0.62	0.012
122852		10.20	19.30	1.790	5.69	0.027	0.005	0.021	0.015	0.04	7.52	6.5	0.36	322	0.57	0.010
122853		2.79	25.0	1.260	4.05	0.018	0.004	0.031	0.015	0.03	5.56	1.7	0.13	333	0.62	0.012
122854		0.854	35.6	4.83	4.12	0.097	0.164	0.035	0.036	0.08	18.25	15.5	1.18	2620	5.82	0.065
122855		0.936	34.8	2.08	6.35	0.057	0.008	0.093	0.016	0.09	16.60	6.2	0.33	1280	1.83	0.018
122856		1.405	54.5	13.75	9.67	0.266	0.017	0.030	0.097	0.41	55.0	8.9	0.91	426	54.8	0.668
122857		1.050	27.3	4.02	9.50	0.115	0.098	0.022	0.026	0.09	22.6	17.9	1.24	831	24.8	0.042
122858		0.555	47.6	7.01	7.04	0.100	0.029	0.040	0.027	0.14	18.40	10.7	0.73	318	5.66	0.098
122859		0.379	32.7	4.06	8.95	0.091	0.116	0.032	0.032	0.26	21.6	12.5	1.34	677	3.28	0.056
122860		0.475	31.1	3.82	7.70	0.090	0.060	0.067	0.017	0.24	18.85	11.6	1.20	765	3.58	0.123
122861		0.466	31.7	3.51	7.44	0.105	0.057	0.028	0.029	0.20	21.4	11.1	1.72	718	1.77	0.039
122862		0.366	26.0	3.41	8.66	0.096	0.052	0.021	0.033	0.23	19.85	8.8	1.53	844	1.08	0.027
122863		1.145	54.8	3.97	9.96	0.051	0.098	0.027	0.040	0.07	11.95	15.0	0.64	562	0.71	0.016
122864		0.565	62.6	3.77	9.14	0.063	0.131	0.126	0.038	0.15	9.07	18.9	1.07	570	0.61	0.021
122865		1.885	41.3	4.78	17.20	0.087	0.108	0.026	0.054	0.04	14.40	14.2	1.00	638	0.27	0.005
122866		0.550	58.8	3.18	4.36	0.050	0.049	0.140	0.029	0.06	13.35	10.1	0.66	506	4.21	0.014

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 21-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096973

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.002	0.04	0.001	0.005	0.005	0.001	0.01	0.005	0.005	0.1	0.01	0.01	0.005	0.01	0.002
579477		0.731	19.10	0.059	9.68	7.31	<0.001	0.03	0.407	2.33	0.3	0.31	10.20	<0.005	0.07	1.040
579478		0.188	71.4	0.059	7.46	5.46	<0.001	0.03	2.01	33.2	1.0	0.35	13.60	<0.005	0.82	1.280
579479		0.014	80.2	0.042	6.85	5.54	<0.001	0.01	0.464	33.9	1.2	0.26	13.50	<0.005	0.02	0.551
579480		0.507	48.3	0.078	10.80	8.94	<0.001	0.03	1.040	21.9	0.8	0.33	14.60	<0.005	0.04	1.760
579481		0.359	32.0	0.067	8.57	8.07	<0.001	0.02	0.818	19.70	0.8	0.33	17.05	<0.005	0.03	3.30
579482		0.043	67.8	0.058	485	15.30	<0.001	0.02	4.57	36.3	1.2	0.28	10.05	<0.005	1.01	0.344
579483		0.032	56.5	0.087	71.9	5.29	0.001	0.01	12.45	34.7	1.4	0.38	9.66	<0.005	0.09	0.483
579484		0.042	38.8	0.080	6.77	7.89	<0.001	0.02	2.33	25.9	0.7	0.60	15.75	<0.005	0.02	0.963
579485		0.570	30.4	0.088	8.64	6.45	<0.001	0.06	0.494	3.92	0.6	0.33	15.75	<0.005	0.04	0.725
579486		0.822	30.6	0.050	7.88	5.81	<0.001	0.04	0.577	2.43	0.4	0.30	13.55	0.005	0.05	0.583
579487		0.431	19.75	0.111	10.05	7.81	<0.001	0.09	1.595	1.850	0.6	0.38	17.55	<0.005	0.07	0.106
579488		0.184	28.4	0.084	13.25	6.15	<0.001	0.01	4.00	10.85	0.7	0.27	15.10	<0.005	0.12	1.300
579489		0.322	40.5	0.089	16.20	7.04	<0.001	0.04	12.50	6.83	1.4	0.30	14.15	0.006	0.18	0.395
579490		0.149	64.3	0.083	5.82	9.21	<0.001	0.02	2.96	22.1	0.9	0.38	20.2	<0.005	0.20	1.240
579491		0.387	30.7	0.105	7.47	7.02	<0.001	0.03	2.42	5.44	0.5	0.55	12.80	<0.005	0.03	0.548
579492		0.332	39.8	0.081	7.47	6.88	<0.001	0.01	2.41	9.30	0.5	0.39	13.25	<0.005	0.07	4.47
579493		0.179	25.5	0.058	4.99	4.42	<0.001	0.01	1.635	11.30	0.5	0.60	18.40	<0.005	0.01	1.955
579494		0.524	36.5	0.090	6.83	7.00	<0.001	0.04	1.195	8.93	0.6	0.62	15.75	<0.005	0.05	0.591
579495		0.447	34.9	0.088	7.19	6.70	<0.001	0.09	1.385	12.50	1.1	0.89	32.5	<0.005	0.10	3.46
579496		0.382	33.5	0.082	9.00	6.65	<0.001	0.01	2.07	8.50	0.5	0.42	19.10	<0.005	0.05	3.25
579497		0.411	28.7	0.099	8.15	7.29	<0.001	0.03	1.090	3.73	0.4	0.44	18.75	<0.005	0.07	0.351
579498		0.733	29.2	0.102	10.05	7.74	<0.001	0.02	0.883	5.24	0.5	0.43	14.35	<0.005	0.05	2.31
579499		0.290	19.75	0.070	6.07	4.07	<0.001	0.01	0.949	4.24	0.3	0.20	15.10	<0.005	0.05	3.11
579500		0.154	51.1	0.098	18.30	4.05	<0.001	0.02	42.0	22.1	1.3	0.22	16.95	<0.005	0.29	1.260
122851		0.473	23.0	0.080	11.65	5.86	<0.001	0.07	0.705	1.935	0.4	0.38	13.45	<0.005	0.08	0.126
122852		0.345	13.30	0.086	7.24	7.01	<0.001	0.07	0.441	0.826	0.2	0.41	19.60	<0.005	0.01	0.062
122853		0.221	4.73	0.088	3.78	3.75	<0.001	0.08	0.349	0.342	0.3	0.30	9.31	<0.005	0.04	0.012
122854		0.165	98.1	0.100	6.98	8.51	<0.001	0.01	0.216	14.75	0.7	0.44	48.0	<0.005	0.14	3.38
122855		1.120	9.75	0.277	5.26	11.30	<0.001	0.06	0.188	2.12	0.5	0.31	19.65	<0.005	0.02	0.282
122856		0.781	21.9	0.310	24.1	13.15	0.010	2.72	0.726	11.55	1.4	0.30	945	<0.005	0.57	2.14
122857		1.835	20.8	0.118	6.01	9.18	<0.001	0.10	0.383	9.92	0.5	0.69	361	0.006	0.01	3.44
122858		0.904	16.45	0.116	9.43	7.06	0.001	0.62	0.481	7.11	1.6	0.31	109.0	<0.005	0.49	2.53
122859		1.075	11.80	0.135	7.76	15.30	<0.001	0.27	0.268	8.58	0.5	0.41	68.5	<0.005	0.46	3.21
122860		0.894	15.55	0.123	6.47	14.20	<0.001	0.44	0.218	7.69	0.7	0.35	132.5	<0.005	0.38	1.765
122861		0.990	35.7	0.124	4.01	14.00	<0.001	0.04	0.090	8.91	0.5	0.50	47.4	<0.005	0.02	2.53
122862		1.170	12.00	0.147	5.08	16.30	<0.001	0.04	0.078	9.02	0.5	0.48	39.0	<0.005	0.01	1.735
122863		0.484	19.75	0.033	7.01	7.40	<0.001	0.02	0.350	18.30	0.7	0.43	28.5	<0.005	0.04	2.05
122864		0.339	26.9	0.055	5.20	7.86	<0.001	0.05	2.26	12.85	1.5	0.39	42.3	<0.005	0.02	1.090
122865		0.206	14.30	0.077	6.45	4.26	<0.001	<0.01	0.111	20.7	0.5	0.95	64.6	<0.005	0.01	1.020
122866		0.304	47.6	0.111	5.82	3.54	0.005	0.02	1.410	10.45	2.1	0.33	174.0	<0.005	0.05	1.875

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 21-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096973

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	Au-AROR43
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.001	0.002	0.005	0.1	0.001	0.003	0.1	0.01	0.01
579477		0.064	0.112	0.768	51.4	1.525	4.27	32.3	0.28	
579478		0.012	0.106	0.341	179.5	0.452	28.1	132.0	1.14	
579479		0.001	0.143	0.443	176.0	0.216	28.4	179.0	0.66	
579480		0.037	0.115	0.843	163.0	1.725	22.8	138.5	0.53	
579481		0.057	0.172	0.922	147.0	2.88	23.2	99.7	0.27	
579482		0.010	0.379	0.321	172.0	0.234	33.8	462	1.80	
579483		0.005	0.114	0.602	256	0.216	36.1	292	1.28	
579484		0.007	0.248	0.879	195.5	0.383	23.1	68.5	0.22	
579485		0.101	0.122	0.872	90.3	0.220	7.48	62.2	0.49	
579486		0.070	0.089	0.592	57.7	0.275	5.81	42.3	0.50	
579487		0.058	0.123	0.571	75.5	0.282	5.08	47.6	0.42	
579488		0.020	0.125	0.696	91.9	0.193	18.30	74.9	0.18	
579489		0.052	0.151	2.54	141.5	0.746	26.7	101.0	0.21	
579490		0.014	0.218	0.709	123.5	0.455	24.3	73.0	0.30	
579491		0.045	0.188	0.969	83.2	0.421	9.12	62.5	0.26	
579492		0.052	0.184	0.909	94.3	0.457	10.50	60.2	1.18	
579493		0.039	0.075	0.860	112.5	0.197	19.85	66.0	0.26	
579494		0.126	0.197	0.676	133.0	0.252	11.30	68.7	0.48	
579495		0.114	0.180	2.59	164.0	0.335	16.05	54.7	2.05	
579496		0.060	0.148	0.839	85.3	0.448	10.10	52.0	0.40	
579497		0.052	0.133	0.815	70.5	0.439	7.17	55.6	0.16	
579498		0.088	0.109	1.245	69.5	0.674	7.94	55.5	0.41	
579499		0.034	0.084	0.969	44.5	0.288	5.24	33.3	1.39	1.71
579500		0.014	0.521	3.33	159.0	3.45	26.8	128.5	0.16	
122851		0.044	0.150	0.994	64.3	0.348	6.40	59.6	0.20	
122852		0.030	0.103	0.709	50.4	0.186	6.27	38.0	0.11	
122853		0.022	0.140	0.519	39.9	0.118	3.13	20.3	0.13	
122854		0.048	1.185	3.02	86.0	0.059	16.40	82.7	9.74	
122855		0.062	0.075	1.230	52.3	0.207	4.87	43.4	0.39	
122856		0.078	0.675	2.30	126.0	0.178	3.58	55.0	0.90	
122857		0.144	0.265	1.835	97.2	0.142	10.45	69.2	3.68	
122858		0.066	0.191	1.410	80.6	0.089	5.00	50.0	1.46	
122859		0.063	0.102	1.835	97.1	0.139	10.55	66.6	3.90	
122860		0.060	0.122	1.055	79.8	0.113	8.18	60.3	2.18	
122861		0.078	0.103	0.950	97.8	0.112	10.70	77.6	2.05	
122862		0.082	0.096	1.045	97.8	0.142	12.10	80.6	1.69	
122863		0.023	0.129	0.504	119.0	0.153	11.10	58.1	2.68	
122864		0.021	0.231	0.302	105.0	0.121	11.50	74.2	2.57	
122865		0.013	0.025	0.246	157.0	0.029	14.75	90.4	1.50	
122866		0.020	0.262	1.800	90.1	0.130	18.35	94.5	1.93	

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 21-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096973

Sample Description	Method	WEI-21	Au-ST43	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.0001	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01
122867		0.28	0.0020	0.0033	0.069	1.04	1.41	<10	1000	0.31	0.028	1.75	0.135	10.10	11.65	57.2
122551		0.31	0.0034	0.0042	0.145	2.34	24.8	<10	341	1.22	0.346	0.44	1.145	84.9	32.2	39.4
122552		0.35	0.0032	0.0025	0.065	1.71	46.2	<10	124.5	0.43	0.175	0.21	0.152	17.60	16.10	108.0
122553		0.28	0.0022	0.0008	0.049	1.72	27.5	<10	104.5	0.56	0.139	0.60	0.177	24.6	21.4	47.8
122556		0.23	0.0135	0.0061	0.077	1.35	6.29	<10	123.0	0.32	0.216	0.27	0.094	34.3	9.20	34.6
122558		0.34	0.0030	0.0029	0.042	1.43	13.70	<10	238	0.46	0.122	2.44	0.234	30.4	61.5	56.5
122559		0.28	0.0060	0.0061	0.076	1.80	177.0	<10	123.0	0.61	0.104	1.71	0.326	39.1	59.7	63.9
122560		0.23	0.0007	<0.0002	0.052	2.02	7.31	<10	682	1.53	0.425	0.49	0.104	75.1	1.965	2.66
122561		0.20	0.0004	<0.0002	0.077	3.48	1.19	<10	1360	1.24	0.354	0.40	0.242	63.4	0.859	1.10
122562		0.31	0.0428	0.0442	0.165	0.95	153.0	10	374	0.40	0.124	2.03	0.184	14.30	25.8	23.4
122563		0.28	0.0021	0.0016	0.527	0.54	32.5	10	124.5	0.36	0.036	19.60	4.48	8.03	5.50	13.55
122564		0.34	0.0004	0.0009	0.096	1.53	1.03	<10	300	0.34	0.068	0.54	0.064	33.6	7.68	25.3
122565		0.29	0.0007	0.0006	0.079	1.62	7.71	<10	292	0.30	0.104	0.32	0.116	17.15	10.20	34.8
122567		0.27	0.0005	0.0003	0.087	1.43	7.13	<10	161.0	0.25	0.087	0.26	0.077	10.15	6.93	28.9

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 21-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096973

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.005	0.01	0.001	0.004	0.005	0.002	0.004	0.005	0.01	0.002	0.1	0.01	0.1	0.01	0.001
122867		0.563	43.5	4.15	3.14	0.038	0.050	0.057	0.026	0.12	5.58	4.2	0.21	574	0.30	0.010
122551		18.15	62.0	5.02	8.29	0.077	0.020	0.021	0.041	0.07	30.3	10.7	0.53	1330	1.08	0.013
122552		6.01	47.8	3.85	5.95	0.060	0.005	0.023	0.031	0.14	8.50	10.0	0.62	424	0.97	0.009
122553		10.05	39.0	3.66	5.57	0.060	0.031	0.018	0.030	0.08	13.95	6.9	0.54	513	0.45	0.014
122556		4.10	31.8	2.12	5.39	0.049	0.012	0.021	0.022	0.06	17.45	11.7	0.62	338	0.83	0.014
122558		0.419	54.5	6.39	4.52	0.193	0.162	0.026	0.026	0.06	15.30	18.3	2.12	3490	4.08	0.121
122559		0.613	53.6	7.36	4.89	0.123	0.324	0.033	0.034	0.16	20.3	15.8	1.77	2420	23.0	0.139
122560		0.579	2.30	0.400	3.54	0.086	0.717	<0.004	0.015	0.66	38.5	4.5	0.62	142.5	1.01	0.590
122561		0.685	0.86	0.178	4.94	0.077	0.682	0.004	0.017	1.70	32.2	2.4	0.26	371	0.60	1.415
122562		1.120	70.2	3.70	3.67	0.052	0.081	0.192	0.029	0.17	6.46	6.7	0.49	1065	0.51	0.010
122563		0.177	28.0	1.840	1.405	0.034	0.088	0.207	0.025	0.08	7.45	2.4	0.17	236	16.30	0.014
122564		0.496	11.60	2.89	4.92	0.054	0.156	0.013	0.025	0.34	16.35	5.4	0.75	291	0.69	0.041
122565		0.670	15.30	3.14	4.64	0.028	0.101	0.007	0.020	0.09	8.40	10.0	0.55	239	1.82	0.026
122567		0.395	15.70	2.41	4.50	0.021	0.130	0.008	0.016	0.07	5.52	8.8	0.43	176.0	0.89	0.015

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 21-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096973

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.002	0.04	0.001	0.005	0.005	0.001	0.01	0.005	0.005	0.1	0.01	0.01	0.005	0.01	0.002
122867		0.149	10.90	0.029	3.93	7.53	<0.001	0.03	0.260	27.5	0.6	0.22	46.8	<0.005	0.01	0.497
122551		0.272	40.3	0.093	76.3	8.74	<0.001	0.01	6.01	15.30	0.7	0.49	28.2	<0.005	0.18	4.58
122552		0.308	34.7	0.070	6.95	11.20	<0.001	0.03	2.66	10.65	0.4	0.28	23.2	<0.005	0.07	0.873
122553		0.193	36.4	0.080	7.65	6.59	<0.001	<0.01	2.09	12.10	0.6	0.47	35.7	<0.005	0.04	2.53
122556		0.927	20.0	0.061	9.06	9.22	<0.001	0.02	0.546	3.66	0.3	0.31	13.40	<0.005	0.08	4.05
122558		0.090	122.5	0.102	3.97	5.49	<0.001	<0.01	0.104	18.40	0.6	0.44	91.6	<0.005	0.08	2.34
122559		0.107	125.0	0.090	8.46	11.50	<0.001	0.11	0.347	17.10	1.0	0.55	100.5	<0.005	0.02	4.96
122560		0.172	6.14	0.005	28.1	30.0	<0.001	<0.01	0.123	2.18	0.7	0.45	69.7	<0.005	0.02	19.95
122561		0.047	1.70	0.004	35.4	61.3	<0.001	<0.01	0.077	1.855	0.5	0.47	178.5	<0.005	0.01	14.45
122562		0.177	24.5	0.094	5.47	7.66	<0.001	0.09	5.49	14.10	1.1	0.19	115.0	<0.005	0.03	0.465
122563		0.070	44.4	0.189	2.81	2.28	0.008	0.07	5.24	3.35	4.2	0.25	374	<0.005	0.06	0.279
122564		0.624	10.35	0.039	4.92	51.6	<0.001	0.01	0.125	7.65	0.3	0.45	53.3	<0.005	<0.01	3.97
122565		0.501	20.6	0.046	6.65	11.90	<0.001	<0.01	0.411	4.59	0.3	0.38	34.2	<0.005	0.01	2.39
122567		0.567	16.95	0.020	5.14	11.15	<0.001	<0.01	0.392	3.43	0.2	0.33	23.4	<0.005	0.02	2.02

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To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 21-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

CERTIFICATE OF ANALYSIS WH15096973

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	Au-AROR43
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.001	0.002	0.005	0.1	0.001	0.003	0.1	0.01	0.01
122867		0.012	0.046	0.226	111.0	0.073	13.70	25.7	1.38	
122551		0.025	0.155	2.50	95.7	0.483	13.80	123.5	0.90	
122552		0.066	0.246	0.803	89.7	0.956	7.04	55.4	0.14	
122553		0.038	0.199	1.720	76.4	0.246	15.35	49.6	0.65	
122556		0.077	0.099	1.265	58.8	5.77	5.32	36.0	0.26	
122558		0.081	0.568	0.840	116.5	0.097	14.85	119.0	9.45	
122559		0.064	1.975	6.08	93.4	0.161	19.70	121.0	19.70	
122560		0.005	0.257	3.70	3.7	0.032	14.90	13.4	31.5	
122561		0.003	0.387	2.85	2.1	0.025	11.30	10.2	21.2	
122562		0.005	0.143	0.227	84.8	0.148	11.70	69.4	1.92	
122563		0.001	0.378	2.33	76.3	0.115	13.15	114.5	2.55	
122564		0.108	0.094	1.150	77.1	0.085	6.19	49.6	4.82	
122565		0.063	0.135	0.532	78.4	0.088	3.14	46.3	3.49	
122567		0.070	0.078	0.422	62.3	0.101	2.01	35.3	4.09	

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CERTIFICATE OF ANALYSIS WH15096973

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41L

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AROR43 Au-ST43 ME-MS41L

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 16-JUL-2015
This copy reported on
17-JUL-2015
Account: HIODAN

QC CERTIFICATE WH15096954

Project: Teslin Mountain 2015

P.O. No.: TM-15-01

This report is for 39 Rock samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2015.

The following have access to data associated with this certificate:

DANIELE HION	ROGER HULSTEIN	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

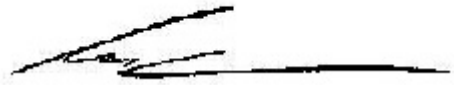
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: **DANIELE HEON**
ATTN: ROGER HULSTEIN
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

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

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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12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 16-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

QC CERTIFICATE OF ANALYSIS WH15096954

Sample Description	Method	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
STANDARDS																
BP-13		0.363														
Target Range - Lower Bound		0.336														
Upper Bound		0.380														
CDN-PGMS20		1.180														
Target Range - Lower Bound																
Upper Bound																
G310-8		7.73														
Target Range - Lower Bound		7.49														
Upper Bound		8.45														
GBM908-10			3.0	0.94	54	<10	110	<0.5	2	0.69	1.6	14	22	3640	2.60	<10
Target Range - Lower Bound			2.5	0.85	48	<10	70	<0.5	<2	0.62	0.6	12	20	3370	2.35	<10
Upper Bound			3.6	1.06	63	30	130	1.0	5	0.78	2.8	17	26	3890	2.89	20
GBM908-5			59.2	1.07	7	<10	190	<0.5	2	0.66	<0.5	10	18	493	2.28	<10
Target Range - Lower Bound			52.2	1.02	<2	<10	150	<0.5	<2	0.63	<0.5	8	15	464	2.13	<10
Upper Bound			64.2	1.26	11	30	230	1.4	6	0.79	1.5	13	20	536	2.62	30
GLG307-4		0.051														
Target Range - Lower Bound		0.048														
Upper Bound		0.056														
MRGeo08			4.5	2.67	29	<10	450	0.8	2	1.09	2.1	19	89	636	3.67	10
Target Range - Lower Bound			3.8	2.44	27	<10	370	<0.5	<2	1.00	1.1	17	81	586	3.22	<10
Upper Bound			5.1	3.00	38	30	530	1.8	5	1.24	3.4	22	102	676	3.96	30
OGGeo08			19.6	2.15	114	<10	140	0.6	9	0.87	18.3	95	80	8340	4.98	10
Target Range - Lower Bound			18.0	2.05	105	<10	60	<0.5	6	0.82	16.2	86	75	7800	4.51	<10
Upper Bound			22.4	2.53	133	30	110	1.8	15	1.02	21.0	108	93	8980	5.53	30
OREAS-904		0.044														
Target Range - Lower Bound		0.041														
Upper Bound		0.049														
OxJ111		2.17														
Target Range - Lower Bound		2.04														
Upper Bound		2.30														
PD1		0.532														
Target Range - Lower Bound		0.508														
Upper Bound		0.576														
PK2		4.88														
Target Range - Lower Bound		4.50														
Upper Bound		5.07														

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WHITEHORSE YT Y1A 6A2

Finalized Date: 16-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

QC CERTIFICATE OF ANALYSIS WH15096954

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
STANDARDS																
BP-13																
Target Range - Lower Bound																
Upper Bound																
CDN-PGMS20																
Target Range - Lower Bound																
Upper Bound																
G310-8																
Target Range - Lower Bound																
Upper Bound																
GBM908-10		<1	0.43	40	0.53	295	59	0.13	2280	850	2050	0.37	<2	2	34	20
Target Range - Lower Bound		<1	0.37	20	0.47	259	57	0.09	2030	760	1860	0.33	<2	<1	30	<20
Upper Bound		2	0.48	60	0.59	327	72	0.15	2480	960	2280	0.43	5	4	39	60
GBM908-5		<1	0.84	90	0.76	339	50	0.03	397	1270	379	0.17	<2	1	49	40
Target Range - Lower Bound		<1	0.73	80	0.68	315	49	<0.01	380	1140	343	0.14	<2	<1	49	<20
Upper Bound		3	0.91	130	0.86	396	62	0.05	466	1410	423	0.20	6	4	62	80
GLG307-4																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		<1	1.28	30	1.17	421	13	0.35	717	1020	1080	0.31	5	7	83	20
Target Range - Lower Bound		<1	1.12	20	1.03	378	12	0.30	621	900	957	0.27	<2	5	72	<20
Upper Bound		2	1.40	60	1.29	473	17	0.39	761	1130	1175	0.36	8	10	91	60
OGGeo08		1	1.04	30	0.94	385	865	0.28	8660	800	7150	2.72	21	6	66	20
Target Range - Lower Bound		<1	0.94	<10	0.84	350	810	0.26	7760	700	6510	2.51	15	4	59	<20
Upper Bound		3	1.18	50	1.05	438	992	0.34	9480	880	7970	3.09	27	9	74	60
OREAS-904																
Target Range - Lower Bound																
Upper Bound																
OxJ111																
Target Range - Lower Bound																
Upper Bound																
PD1																
Target Range - Lower Bound																
Upper Bound																
PK2																
Target Range - Lower Bound																
Upper Bound																

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Finalized Date: 16-JUL-2015
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Project: Teslin Mountain 2015

QC CERTIFICATE OF ANALYSIS WH15096954

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
STANDARDS							
BP-13							
Target Range - Lower Bound							
Upper Bound							
CDN-PGMS20							
Target Range - Lower Bound							
Upper Bound							
G310-8							
Target Range - Lower Bound							
Upper Bound							
GBM908-10		0.32	<10	<10	47	<10	1000
Target Range - Lower Bound		0.27	<10	<10	41	<10	939
Upper Bound		0.35	20	20	53	20	1155
GBM908-5		0.15	<10	<10	25	<10	233
Target Range - Lower Bound		0.14	<10	<10	22	<10	214
Upper Bound		0.20	30	30	30	30	266
GLG307-4							
Target Range - Lower Bound							
Upper Bound							
MRGeo08		0.38	<10	<10	101	<10	788
Target Range - Lower Bound		0.35	<10	<10	90	<10	708
Upper Bound		0.44	20	30	112	20	870
OGGeo08		0.31	<10	<10	78	<10	7100
Target Range - Lower Bound		0.27	<10	<10	70	<10	6500
Upper Bound		0.36	20	30	88	20	7950
OREAS-904							
Target Range - Lower Bound							
Upper Bound							
OxJ111							
Target Range - Lower Bound							
Upper Bound							
PD1							
Target Range - Lower Bound							
Upper Bound							
PK2							
Target Range - Lower Bound							
Upper Bound							

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WHITEHORSE YT Y1A 6A2

Finalized Date: 16-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

QC CERTIFICATE OF ANALYSIS WH15096954

Sample Description	Method Analyte Units LOR	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
BLANKS																
BLANK		<0.001														
BLANK		<0.001														
Target Range - Lower Bound		<0.001														
Upper Bound		0.002														
BLANK			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
BLANK			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
Target Range - Lower Bound			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
Upper Bound			0.4	0.02	4	20	20	1.0	4	0.02	1.0	2	2	2	0.02	20
DUPLICATES																
ORIGINAL		0.477														
DUP		0.515														
Target Range - Lower Bound		0.470														
Upper Bound		0.522														
ORIGINAL		0.182														
DUP		0.186														
Target Range - Lower Bound		0.174														
Upper Bound		0.194														
ORIGINAL			0.8	0.72	8	<10	20	<0.5	<2	5.44	1.7	9	2	48	4.99	<10
DUP			0.7	0.71	8	<10	20	<0.5	<2	5.37	1.6	9	2	48	4.91	<10
Target Range - Lower Bound			0.5	0.67	6	<10	<10	<0.5	<2	5.12	1.1	8	<1	45	4.69	<10
Upper Bound			1.0	0.76	10	20	30	1.0	4	5.69	2.2	10	3	51	5.21	20
ORIGINAL		0.004														
DUP		0.005														
Target Range - Lower Bound		0.003														
Upper Bound		0.006														
ORIGINAL		<0.001														
DUP		<0.001														
Target Range - Lower Bound		<0.001														
Upper Bound		0.002														

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **DANIELE HEON**
12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 16-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

QC CERTIFICATE OF ANALYSIS WH15096954

Sample Description	Method Analyte Units LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
BLANKS																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20
BLANK		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	0.01	<2	<1	<1	<20
Target Range - Lower Bound		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20
Upper Bound		2	0.02	20	0.02	10	2	0.02	2	20	4	0.02	4	2	2	40
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		1	0.18	<10	0.57	337	2	0.02	2	1360	37	8.91	4	2	529	<20
DUP		1	0.18	<10	0.57	334	3	0.02	2	1350	33	8.80	5	2	520	<20
Target Range - Lower Bound		<1	0.16	<10	0.53	314	<1	<0.01	<1	1280	31	8.40	<2	<1	497	<20
Upper Bound		2	0.20	20	0.61	357	4	0.03	3	1430	39	9.31	7	3	552	40
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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QC CERTIFICATE OF ANALYSIS WH15096954

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
BLANKS							
BLANK							
BLANK							
Target Range - Lower Bound							
Upper Bound							
BLANK		<0.01	<10	<10	<1	<10	<2
BLANK		<0.01	<10	<10	<1	<10	<2
Target Range - Lower Bound		<0.01	<10	<10	<1	<10	<2
Upper Bound		0.02	20	20	2	20	4
DUPLICATES							
ORIGINAL							
DUP							
Target Range - Lower Bound							
Upper Bound							
ORIGINAL							
DUP							
Target Range - Lower Bound							
Upper Bound							
ORIGINAL		0.02	<10	<10	12	<10	48
DUP		0.02	<10	<10	11	<10	48
Target Range - Lower Bound		<0.01	<10	<10	10	<10	44
Upper Bound		0.03	20	20	13	20	52
ORIGINAL							
DUP							
Target Range - Lower Bound							
Upper Bound							
ORIGINAL							
DUP							
Target Range - Lower Bound							
Upper Bound							

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QC CERTIFICATE OF ANALYSIS WH15096954

Sample Description	Method	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
DUPLICATES																
122603		0.015														
DUP		0.012														
Target Range - Lower Bound		0.012														
Upper Bound		0.015														
122611			<0.2	0.51	29	<10	60	<0.5	<2	4.36	<0.5	13	44	14	3.60	<10
DUP			<0.2	0.53	30	<10	60	<0.5	<2	4.41	<0.5	13	47	15	3.68	<10
Target Range - Lower Bound			<0.2	0.48	26	<10	50	<0.5	<2	4.16	<0.5	11	42	13	3.45	<10
Upper Bound			0.4	0.56	33	20	70	1.0	4	4.61	1.0	15	49	16	3.83	20
122915		<0.001														
DUP		<0.001														
Target Range - Lower Bound		<0.001														
Upper Bound		0.002														

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
DUPLICATES																
122603																
DUP																
Target Range - Lower Bound																
Upper Bound																
122611		1	0.08	10	3.07	1470	3	0.14	34	1100	4	0.04	<2	9	80	<20
DUP		1	0.08	10	3.13	1485	3	0.14	34	1130	5	0.04	<2	9	82	<20
Target Range - Lower Bound		<1	0.07	<10	2.94	1400	2	0.12	31	1050	<2	0.03	<2	8	76	<20
Upper Bound		2	0.09	20	3.27	1555	4	0.16	37	1180	7	0.05	4	10	86	40
122915																
DUP																
Target Range - Lower Bound																
Upper Bound																

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

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WHITEHORSE YT Y1A 6A2

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QC CERTIFICATE OF ANALYSIS WH15096954

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
DUPLICATES							
122603							
DUP							
Target Range - Lower Bound							
Upper Bound							
122611		0.02	<10	<10	74	<10	64
DUP		0.02	<10	<10	76	<10	65
Target Range - Lower Bound		<0.01	<10	<10	70	<10	59
Upper Bound		0.03	20	20	80	20	70
122915							
DUP							
Target Range - Lower Bound							
Upper Bound							

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

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12 MARIGOLD PLACE
WHITEHORSE YT Y1A 6A2

Finalized Date: 16-JUL-2015
Account: HIODAN

Project: Teslin Mountain 2015

QC CERTIFICATE OF ANALYSIS WH15096954

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

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

Applies to Method:		
Au-ICP21	ME-ICP41	

Appendix B

Rock Sample Descriptions
and
Analytical Results

Sample_no	type	Date	Grid	Datum	Zone	UTM E	UTM N		Description	sample notes	notebook	Samp_No	Au-ICP21-ppm	Au-ICP21-ppb	Ag_ppm
122603	rock	20-Jun-15	UTM	NAD83	8v	519921	6766066	Camp 1	rock float/subcrop, of rusty limonite weathering carb altered br qtz - bleached andesite, thin x-cutting qtz veinlets, almost chalcedonic in places.	Subcrop	RH	122603	0.015	15	0.2
122604	rock	20-Jun-15	UTM	NAD83	8v	520641	6766089	Camp 1	white-weathering blocks of f.g. sugary white to grey felsic dyke? W f.g. brownish py blebs, some banding. Blocky, massive, recessive zone. Trend 160/340	s/c ?	description in DH	122604	0.001	1	0.2
122605	rock	20-Jun-15	UTM	NAD83	8v	520751	6766018	Camp 1	quartz-garnet (red) float, weathered vugs with limonite, tr py, 2 small cobbles.	float	RH	122605	0.001	1	0.2
122606	rock	20-Jun-15	UTM	NAD83	8v	521629	6765824	Camp 1	quartz-magnetite- py (20%) float	float	RH	122606	0.006	6	0.2
122607	rock	21-Jun-15	UTM	NAD83	8v	521803	6766421	Camp 1	Float in gully, brx-shr'd andesite?, (dyke? Salt and pepper textrue), not green andesite wallrock, heavy limonite-FeOx locally.	float	RH	122607	0.001	1	0.2
122608	rock	21-Jun-15	UTM	NAD83	8v	522173	6765627	Camp 1	In gully, angular Float north side of gully, of reddish brown weathering grey granular qtz- minor jasperoid - belbs and diss of magnetite, vein - brx. Similar to 122606 but no py.	float	RH	122608	0.152	152	0.3
122609	rock	22-Jun-15	UTM	NAD83	8v	521054	6766036	Camp 1	subcrop of dark brown weathering brecciated granular qtz with diss magnetite (no jasper or py) x-cutting brown weathering non siliceous bleached altered fine grained 'intrusive'.	float	RH	122609	0.112	112	0.3
122610	rock	22-Jun-15	UTM	NAD83	8v	521135	6766042	Camp 1	qtz-jasper-magnetite float, tr < 0.5% dis pyrite and weathered out pyrite, approx 25% jasper as irregular clasts and filling, dark grey granular qtz. Patches of white qtz - hbl porphyry float with qtz-jasper-magnetite.	float	RH	122610	0.004	4	0.2
122611	rock	23-Jun-15	UTM	NAD83	8v	523838	6775574	Camp 2	grab of qtz veinlets, spaced 2-3 cm, x-cutting intermediate volcanic +/- brx, autobrx; contains diss magnetite.	outcrop	RH	122611	0.001	1	0.2
122612	rock	23-Jun-15	UTM	NAD83	8v	523979	6775809	Camp 2	rock grab of calcite veined andesite near andesite - rhy dyke contact.	outcrop	RH	122612	0.001	1	0.2
122613	rock	24-Jun-15	UTM	NAD83	8v	528423	6773639	Camp 2	Grab of <= 1 cm qtz vein, clear light grey qtz, X/c'ing dirty calcareous sandstone.	outcrop	RH	122613	0.01	10	0.2
122614	rock	24-Jun-15	UTM	NAD83	8v	528392	6773668	Camp 2	Tan weathering carb alt feld phyric volcanic - intrusive X/C by qtz - calcite veinlets. Grab of qtz with rare fine grained acicular silver sulfides(?) < 1-2 mm size	outcrop	RH	122614	0.053	53	0.2
122615	rock	24-Jun-15	UTM	NAD83	8v	528379	6773682	Camp 2	grab of qtz veining cross cutting carb altered feld phyric intrusive volcanic. Trace Sx.	outcrop	RH	122615	0.823	823	0.9
122616	rock	26-Jun-15	UTM	NAD83	8v	528164	6773631	Camp 2	dirty calcareous sandstone/ arkose cut by 1 cm orange calcite vein, qtz in core and limonitic selvages	outcrop	RH/DH?	122616	0.003	3	0.2
122617	rock	26-Jun-15	UTM	NAD83	8v	528081	6773640	Camp 2	White fine grained bull qtz vein approx 6 cm wide cross cutting variably brecciated and siliceous grey fine grained shale. "Siliceous brx zone with qtz vein in middle" (DH). Minor limonite.	outcrop	RH	122617	0.187	187	0.2
122618	rock	26-Jun-15	UTM	NAD83	8v	528428	6773609	Camp 2	White - light tan weathering very small 1x 0.5 m outcrop. Carb alt dyke? Weathered out limonite -ankerite(?) feldspar phenos in light grey aphanitic matrix.	outcrop	RH	122618	0.009	9	0.2
122619	rock	26-Jun-15	UTM	NAD83	8v	528392	6773665	Camp 2	Rough chip vertically over 1 m. Across O/C fractures. Flat lying <1cm qtz veinlets and oblique veinlets <2cm wide plus minor </=1-3mm random veinlets. Overall approx 5% qtz in sample and wall rock of brown weathering carb alt intrusive/volcanic. Sample approx 2 m west of 122614.	outcrop	RH	122619	0.079	79	0.2
122620	rock	26-Jun-15	UTM	NAD83	8v	528392	6773665	Camp 2	approx 8m rough chip - panel across o/c of 122614 and 122619. same veining and wallrock as 614 and 619). </= 5% qtz in sample, lim and tr py.	outcrop	RH	122620	0.099	99	0.2

Sample_no	Al_per	As_ppm	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_per	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_per	Ga_ppm	Hg_ppm_ic	K_per	La_ppm	Mg_per	Mn_ppm	Mo_ppm	Na_per	Ni_ppm	P_per
122603	0.93	9	10	20	0.5	2	1.67	0.5	11	46	3	2.8	10	1	0.02	10	0.73	467	6	0.13	20	340
122604	0.78	4	10	80	0.5	2	0.26	0.5	2	7	4	0.55	10	1	0.13	10	0.13	46	1	0.14	1	210
122605	0.08	25	10	20	0.5	2	3.64	0.5	1	22	17	7.94	10	1	0.01	10	0.01	419	2	0.01	2	130
122606	0.04	147	10	20	0.5	2	0.04	0.5	1	15	4	6.02	10	1	0.01	10	0.01	58	2	0.01	1	220
122607	1.43	5	10	200	0.6	2	0.04	0.5	23	34	32	7.39	10	1	0.16	10	0.03	934	1	0.01	28	610
122608	0.19	301	10	10	0.5	2	0.02	0.5	4	21	156	13.7	10	1	0.01	10	0.01	166	12	0.01	7	670
122609	0.12	364	10	50	0.5	2	0.03	0.5	11	23	56	5.6	10	1	0.01	10	0.01	166	3	0.01	4	250
122610	0.03	28	10	40	0.5	2	1.81	0.5	1	23	7	5.6	10	1	0.01	10	0.02	283	1	0.01	2	130
122611	0.51	29	10	60	0.5	2	4.36	0.5	13	44	14	3.6	10	1	0.08	10	3.07	1470	3	0.14	34	1100
122612	1.1	51	10	90	0.5	2	10.2	0.5	12	24	13	3.23	10	1	0.11	10	2.42	1590	4	0.2	27	600
122613	0.64	24	10	410	0.5	2	5.76	0.5	16	26	50	3.91	10	1	0.13	10	0.9	851	1	0.02	14	530
122614	0.86	86	10	50	0.5	2	3.07	0.5	4	9	5	1.38	10	1	0.1	10	1	367	1	0.01	8	430
122615	0.74	462	10	70	0.5	2	4.93	0.5	15	15	57	3.4	10	1	0.1	10	1.42	961	1	0.01	18	440
122616	1.76	3	10	40	0.7	2	5.23	0.5	9	18	39	3.73	10	1	0.08	10	0.74	743	1	0.03	8	470
122617	0.57	90	10	50	0.5	2	0.38	0.5	4	12	41	1	10	1	0.05	10	0.06	91	1	0.01	5	420
122618	0.82	21	10	150	0.5	2	1.92	0.5	4	4	4	1.52	10	1	0.21	20	0.42	394	1	0.02	3	320
122619	0.68	112	10	40	0.5	2	1.64	0.5	4	7	7	1.04	10	1	0.08	10	0.39	259	1	0.01	11	270
122620	0.72	106	10	60	0.5	2	3.13	0.5	4	6	5	1.56	10	1	0.1	10	0.99	413	1	0.01	12	400

Sample_no	Pb_ppm	S_per	Sb_ppm	Sc_ppm	Sr_ppm	Th_ppm	Ti_per	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm	certificate
122603	5	0.01	2	7	28	20	0.01	10	10	70	10	67	WH15096954
122604	5	0.01	2	1	33	20	0.01	10	10	3	10	8	WH15096954
122605	6	0.01	2	1	2	20	0.01	10	10	6	10	8	WH15096954
122606	5	2.73	3	1	1	20	0.01	10	10	22	10	6	WH15096954
122607	4	0.01	2	12	5	20	0.01	10	10	104	10	72	WH15096954
122608	13	0.03	11	1	1	20	0.01	10	10	126	10	38	WH15096954
122609	4	0.02	10	1	2	20	0.01	10	10	48	10	12	WH15096954
122610	6	0.03	2	1	2	20	0.01	10	10	13	10	7	WH15096954
122611	4	0.04	2	9	80	20	0.02	10	10	74	10	64	WH15096954
122612	4	0.03	2	9	234	20	0.03	10	10	49	10	34	WH15096954
122613	4	0.02	3	16	239	20	0.01	10	10	109	10	57	WH15096954
122614	8	0.06	3	3	186	20	0.01	10	10	15	10	19	WH15096954
122615	7	0.33	25	12	184	20	0.01	10	10	83	10	59	WH15096954
122616	6	0.01	2	10	119	20	0.01	10	10	94	10	69	WH15096954
122617	3	0.04	9	3	13	20	0.01	10	10	38	10	23	WH15096954
122618	18	0.02	2	4	174	20	0.01	10	10	22	10	33	WH15096954
122619	8	0.06	4	3	92	20	0.01	10	10	10	10	21	WH15096954
122620	9	0.05	5	3	240	20	0.01	10	10	11	10	27	WH15096954

Sample_no	type	Date	Grid	Datum	Zone	UTM E	UTM N		Description	sample notes	notebook	Samp_No	Au-ICP21-ppm	Au-ICP21-ppb	Ag_ppm
122621	rock	26-Jun-15	UTM	NAD83	8v	528351	6773784	Camp 2	small 0.3 X 0.3 m O/C of dark grey limonitic coarse grained carbonate alt mafic rock, ie. Gabbro? X/C by </= 1 cm banded qtz - carb vein. Non magnetic.	outcrop	RH	122621	0.003	3	0.2
122622	rock	26-Jun-15	UTM	NAD83	8v	528279	6773814	Camp 2	Weak qtz veining and shearing X/c altered intrusion, over approx 0.3m med grained, limonitic feldspars. Located near W end of whaleback o/c and approx 25 m from dirty sandst contact with small intermediate dyke at contact.	outcrop	RH	122622	0.002	2	0.2
122623	rock	26-Jun-15	UTM	NAD83	8v	528132	6773813	Camp 2	Grab from small o/c face, qtz stkwk x/c by what looks to be alt brx intrusive as at 122614.	outcrop	RH	122623	0.098	98	0.2
122624	rock	24-Jun-15	UTM	NAD83	8v	528382	6773680	Camp 2	grab of qtz veining over 6", white to light grey qtz, trace dis fine grained pyrite. X/c'ing carb alt feld phyric volc - intrusive.	outcrop	RH	122624	0.64	640	0.6
122901	rock		UTM	NAD83	8v	519910	6766062	Camp 1	limonite-coated s/c of green phaneretic volc w mottled dk green patches. F.g. sulphides (po?) in fractures and diss in blebs (< 1%)	s/c	DH	122901	0.009	9	0.5
122902	rock		UTM	NAD83	8v	519911	6766062	Camp 1	white-weathering, dirty beige f.g. sugary dyke or qtz vein, w some carbonate. 1-2m wide. Same general area as 122901 and 903	o/c	DH	122902	0.007	7	0.2
122903	rock		UTM	NAD83	8v	519913	6766063	Camp 1	oxidized mafic volc near margin of dyke/vein of sample 122902. Trend unclear, 020 deg?	o/c	DH	122903	0.003	3	0.2
122904	rock		UTM	NAD83	8v	522174	6765677	Camp 1	in trace of QP dyke, jasper-qtz-hem-mt rx	float	DH	122904	0.003	3	0.2
122905	rock		UTM	NAD83	8v	522136	6765674	Camp 1	trail of carbonate-altered felsic ? dyke	float	DH	122905	0.001	1	0.2
122906	rock		UTM	NAD83	8v	522549	6765362	Camp 1	volcaniclastic cgl,w thin limoitic fractures w py xtals and recessive leached out vugs, 1 cm thinck	o/c	DH	122906	0.005	5	0.5
122907	rock		UTM	NAD83	8v	523846	6775568	Camp 2	dk brown weathering f.g. brownish volc rx we 1 cm black mt veins rimmed by qtz-cc	float	DH	122907	0.001	1	0.2
122908	rock		UTM	NAD83	8v	523850	6775570	Camp 2	maroon/brown strongly vesicular andesite/ basalt/ w vugs filled w calcite and amorphous green mineral (zeolite?)	float	DH	122908	0.001	1	0.2
122909	rock		UTM	NAD83	8v	523855	6775575	Camp 2	carbonate breccia w small fragments lined w radiating calcite xtals, numerous vugs w bladed calcite (open space xtallization)	float	DH	122909	0.001	1	0.2
122910	rock		UTM	NAD83	8v	523860	6775580	Camp 2	in altered volc? Vug lined by bladed radial qtz-carb xtals w chalcedonic purplish qtz in core	float	DH	122910	0.001	1	0.2
122911	rock		UTM	NAD83	8v	527176	6773976	Camp 2	bleached xtal tuff w strong oxidation on fractures, pervasive fracturing 1/ 1 cm, still magnetic, no sulph	talus off o/c	DH	122911	0.001	1	0.2
122912	rock		UTM	NAD83	8v	527225	6774014	Camp 2	rusty -weathering xtal tuff w groundmass altered to light yellow-green colour (sericite?). Float in talus	float	DH	122912	0.001	1	0.2
122913	rock		UTM	NAD83	8v	527364	6773899	Camp 2	rusty-weathering, white, bleached stal tuff w sl clay-altered groundmass and mafics	float	DH	122913	0.001	1	0.2
122914	rock		UTM	NAD83	8v	527542	6773781	Camp 2	pervasively bleached tuff w limonitic fract. No flag in field.	float	DH	122914	0.001	1	0.2
122915	rock		UTM	NAD83	8v	528292	6773810	Camp 2	altered intrusive rx, limonitic, some thin hairline veinlets w narrow bleached haloes	o/c	DH	122915	0.001	1	0.2
122916	rock		UTM	NAD83	8v	528134	6773810	Camp 2	zone of intense qtz stockwork and brecciation in altered intrusive rx, like stn across swamp.	o/c	DH	122916	0.194	194	0.5
122917	rock		UTM	NAD83	8v	527911	6773314	Camp 2	float of orange lapilli lithic tuff at camp, some fx altered green.	float	DH	122917	0.001	1	0.2

Sample_no	Al_per	As_ppm	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_per	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_per	Ga_ppm	Hg_ppm_ic	K_per	La_ppm	Mg_per	Mn_ppm	Mo_ppm	Na_per	Ni_ppm	P_per
122621	0.73	22	10	60	0.5	2	5.24	0.5	5	7	3	1.72	10	1	0.08	10	1.25	458	1	0.01	10	160
122622	0.75	4	10	50	0.5	2	3.29	0.5	4	8	4	1.27	10	1	0.09	10	0.11	209	1	0.02	11	550
122623	0.45	12	10	40	0.5	2	0.35	0.5	8	11	27	2.47	10	1	0.11	10	0.1	422	1	0.01	11	320
122624	0.5	470	10	40	0.5	2	1.45	0.5	6	7	20	1.88	10	1	0.1	10	0.25	290	2	0.01	10	230
122901	4.64	9	10	30	0.5	2	3.75	0.5	11	78	355	3.46	10	1	0.07	10	0.64	371	1	0.36	18	390
122902	0.49	5	10	10	0.5	2	0.52	0.5	2	13	3	0.48	10	1	0.01	10	0.36	125	1	0.15	4	530
122903	0.84	14	10	40	0.5	2	0.46	0.5	4	40	45	1.67	10	1	0.05	10	0.4	162	1	0.14	28	260
122904	0.04	18	10	10	0.5	2	0.04	0.5	6	26	10	7.88	10	1	0.01	10	0.01	56	1	0.01	5	100
122905	0.42	2	10	40	0.5	2	1.43	0.5	2	4	1	0.87	10	1	0.01	30	0.04	359	1	0.1	4	390
122906	2.44	6	10	20	0.5	2	2.58	0.5	19	63	640	5.23	10	1	0.09	10	0.61	325	1	0.28	23	530
122907	0.64	17	10	120	0.5	2	2.22	0.5	9	34	15	3.26	10	1	0.07	10	1.47	928	2	0.18	31	1090
122908	0.96	2	10	70	0.5	2	2.01	0.5	14	68	25	3.35	10	1	0.14	20	0.7	840	1	0.18	44	1490
122909	0.39	57	10	50	0.6	2	13.4	0.5	9	31	7	4.03	10	1	0.07	10	7.41	3900	6	0.09	31	570
122910	0.38	2	10	2120	0.5	2	7.4	0.5	10	29	8	2.11	10	1	0.03	10	4.45	3620	1	0.09	40	340
122911	0.81	2	10	230	0.5	2	0.47	0.5	1	15	6	2.55	10	1	0.19	10	0.51	290	2	0.15	3	920
122912	1.1	2	10	350	0.5	2	0.25	0.5	1	11	11	2.9	10	1	0.31	20	0.75	225	3	0.18	1	740
122913	0.88	2	10	170	0.5	2	0.22	0.5	1	16	3	2.81	10	1	0.21	20	0.43	188	2	0.14	1	870
122914	1.02	16	10	140	0.5	2	0.19	0.5	1	11	9	2.14	10	1	0.2	10	0.56	130	2	0.1	1	340
122915	0.49	4	10	40	0.5	2	1.17	0.5	2	8	13	1.32	10	1	0.09	10	0.05	144	1	0.04	5	590
122916	0.27	19	10	180	0.5	2	0.07	0.5	3	14	36	0.95	10	1	0.05	10	0.03	177	1	0.01	3	90
122917	0.75	2	10	470	0.5	2	0.28	0.5	1	3	1	0.36	10	1	0.24	30	0.12	170	1	0.81	1	120

Sample_no	Pb_ppm	S_per	Sb_ppm	Sc_ppm	Sr_ppm	Th_ppm	Ti_per	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm	certificate
122621	7	0.01	2	3	339	20	0.01	10	10	14	10	26	WH15096954
122622	7	0.01	2	3	125	20	0.01	10	10	17	10	28	WH15096954
122623	4	0.01	7	6	24	20	0.01	10	10	24	10	42	WH15096954
122624	6	0.35	26	4	85	20	0.01	10	10	14	10	23	WH15096954
122901	11	0.26	2	9	136	20	0.3	10	10	90	10	56	WH15096954
122902	4	0.01	2	1	8	20	0.09	10	10	15	10	14	WH15096954
122903	15	0.1	2	5	18	20	0.12	10	10	43	10	37	WH15096954
122904	3	0.01	2	1	1	20	0.01	10	10	16	10	6	WH15096954
122905	6	0.01	2	3	13	20	0.01	10	10	17	10	32	WH15096954
122906	9	0.69	2	8	43	20	0.25	10	10	134	10	51	WH15096954
122907	5	0.29	2	5	68	20	0.07	10	10	69	10	38	WH15096954
122908	2	0.01	2	11	92	20	0.1	10	10	81	10	56	WH15096954
122909	2	0.01	2	16	164	20	0.02	10	10	70	10	48	WH15096954
122910	2	0.05	2	4	134	20	0.05	10	10	31	10	38	WH15096954
122911	8	0.03	2	4	40	20	0.12	10	10	69	10	25	WH15096954
122912	11	0.45	2	5	135	20	0.03	10	10	59	10	29	WH15096954
122913	8	0.4	2	5	56	20	0.06	10	10	75	10	22	WH15096954
122914	5	0.27	2	4	58	20	0.02	10	10	50	10	14	WH15096954
122915	4	0.02	2	2	54	20	0.01	10	10	19	10	21	WH15096954
122916	2	0.02	12	3	10	20	0.01	10	10	18	10	16	WH15096954
122917	10	0.02	2	1	23	20	0.01	10	10	3	10	19	WH15096954

Appendix C

Soil Sample Descriptions
And
Analytical Results

Samp_No	Type	Date	Grid	Datum	Zone	UTM_East	UTM_North	Camp	Description	medium	person	Samp_No	Au_ST43_ppm	Au_ST43_PPB	Au_MS41L_ppm	Au_MS41L_PPB	Ag_ppm	Al_per	As_ppm
122551	soil	22-Jun-15	UTM	NAD83	8v	521804	6765778	Camp 1	soil from 10m patch of lim - carb alt feldspar porphyry (or strongly alt feldspar phyric andesite?).	C horiz	RH	122551	0.0034	3.4	0.0042	4.2	0.145	2.34	24.8
122552	soil	22-Jun-15	UTM	NAD83	8v	521607	6765817	Camp 1	Rusty limonitic frost boil- bleached felsic porphyry intrusive float. Also nearby float boulders of dark brown weathered qtz-magnetite +/- jasperpoid. Appears to follow 295 trend.	soil	RH	122552	0.0032	3.2	0.0025	2.5	0.065	1.71	46.2
122553	soil	22-Jun-15	UTM	NAD83	8v	521199	6766220	Camp 1	In gully , lim tan . And-basalt and white qtz porph float, Sample in qtz porph.	talus fines	RH	122553	0.0022	2.2	0.0008	0.8	0.049	1.72	27.5
122556	soil	22-Jun-15	UTM	NAD83	8v	521528	6765083	Camp 1	Soil from base of feldspar - hornblende porphyry o/c and scree.	talus fines	RH	122556	0.0135	13.5	0.0061	6.1	0.077	1.35	6.29
122558	soil	23-Jun-15	UTM	NAD83	8v	523840	6775574	Camp 2	At base of cliff; magnetite diss in intermediate volcanic +/- brx, autobrx, minor X-cutting qtz - mag veinlets and chalcedonic qtz.	talus fines	RH	122558	0.003	3	0.0029	2.9	0.042	1.43	13.7
122559	soil	23-Jun-15	UTM	NAD83	8v	523976	6775809	Camp 2	soil from talus below rhyolite - basalt dyke contacts with qtz veining and shearing along contact.	talus fines	RH	122559	0.006	6	0.0061	6.1	0.076	1.8	177
122560	soil	23-Jun-15	UTM	NAD83	8v	523952	6775616	Camp 2	soil of light green sandy clay at base of cliff - top of landslide material. Light green lapilli tuff, Mn on fracture, sericite altered.	talus fines	RH	122560	0.0007	0.7	0.0002	0.2	0.052	2.02	7.31
122561	soil	23-Jun-15	UTM	NAD83	8v	523971	6775565	Camp 2	white clay - muck! Maybe due to intense alteration?	C horiz	RH	122561	0.0004	0.4	0.0002	0.2	0.077	3.48	1.19
122562	soil	24-Jun-15	UTM	NAD83	8v	528425	6773644	Camp 2	from base of small outcropping brown weathering brown lithic sandstone to conglomerate (congl only found in float), calcareous matrix, Mn on fracture - clast surfaces.	talus fines	RH	122562	0.0428	42.8	0.0442	44.2	0.165	0.95	153
122563	soil	24-Jun-15	UTM	NAD83	8v	528357	6773721	Camp 2	grey soil below small grey limestone o/c, x/c by irregular calcite veinlets, float block with slicks and crackle brx - X/c by calcite veinlets.	talus fines	RH	122563	0.0021	2.1	0.0016	1.6	0.527	0.54	32.5
122564	soil	25-Jun-15	UTM	NAD83	8v	527361	6773476	Camp 2	at base of o/c of vesicular grey tuff (15DH71 station)	talus fines	DH/RH	122564	0.0004	0.4	0.0009	0.9	0.096	1.53	1.03
122565	soil	25-Jun-15	UTM	NAD83	8v	526775	6773761	Camp 2	soil from dry hump in bowl - likely glacial origin, rounded boulders 25cm deep, ok sample	soil	RH	122565	0.0007	0.7	0.0006	0.6	0.079	1.62	7.71
122567	soil	25-Jun-15	UTM	NAD83	8v	526459	6773649	Camp 2	light brown soil with ash - volcanic float as at station RH15133, dry hump.	soil	RH	122567	0.0005	0.5	0.0003	0.3	0.087	1.43	7.13
122851	soil		UTM	NAD83	8v	522338	6765522	Camp 1	in flat area at break in slope, gopher excavation enhanced by dog excavation	talus fines	DH	122851	0.0033	3.3	0.0013	1.3	0.139	1.69	8.77
122852	soil		UTM	NAD83	8v	522511	6765352	Camp 1	in flat area at break in slope B horiz, below loess,light, insufficient sample?	talus fines	DH	122852	0.0027	2.7	0.0006	0.6	0.109	1.13	5.24
122853	soil		UTM	NAD83	8v	522175	6765676	Camp 1	soil 1m down from rx 122904	talus fines	DH	122853	0.004	4	0.0024	2.4	0.142	0.88	2.84
122854	soil		UTM	NAD83	8v	523984	6775560	Camp 2	in rusty volc near clayey poorly consolidated greenish lapilli tuff	talus fines	DH	122854	0.0034	3.4	0.0026	2.6	0.096	1.28	43.2
122855	soil		UTM	NAD83	8v	527178	6773974	Camp 2	2m east of chute of rusty rx and rx sample 122911. Talus fines	talus fines	DH	122855	0.0019	1.9	0.0002	0.2	0.398	1.59	3.47
122856	soil		UTM	NAD83	8v	527259	6773988	Camp 2	yellowish talus fines in narrow zone of strongly limonitic fractures in xtal tuff, where groundmass is altered white and sl clayey but mafics still fresh. (hope to have big enough sample)	talus fines	DH	122856	0.0034	3.4	0.0033	3.3	0.357	1.66	42
122857	soil		UTM	NAD83	8v	527301	6773970	Camp 2	talus fines in steep talus chute. Below unaltered xtal tuff and one zone of rusty 'rings' on weathered surface	talus fines	DH	122857	0.0015	1.5	0.0009	0.9	0.105	1.73	20.8
122858	soil		UTM	NAD83	8v	527363	6773900	Camp 2	area of float of rx 122913	talus fines	DH	122858	0.0029	2.9	0.0021	2.1	0.148	1.64	6.79
122859	soil		UTM	NAD83	8v	527432	6773801	Camp 2	talus fines in talus of maroon lapilli tuff, some with hematized or kspar altered fspars	coarse talus fines	DH	122859	0.0018	1.8	0.0016	1.6	0.195	1.74	1.72
122860	soil		UTM	NAD83	8v	527541	6773783	Camp 2	talus fines in area of bleached rusty rx. Area of rx 122914.	talus fines	DH	122860	0.0023	2.3	0.0014	1.4	0.13	1.43	4.46
122861	soil		UTM	NAD83	8v	527464	6773735	Camp 2	talus fines, looks like silt? Below fg brownish massive unit (andesite?)	talus fines	DH	122861	0.0015	1.5	0.0005	0.5	0.119	1.42	1.44
122862	soil		UTM	NAD83	8v	527458	6773681	Camp 2	talus fines, silty sandy, back in tuff unit	talus fines	DH	122862	0.0008	0.8	0.0006	0.6	0.074	1.49	0.96
122863	soil	26-Jun-15	UTM	NAD83	8v	528204	6773572	Camp 2	talus fines, on knoll, limy siltstone - sandstone	talus fines	RH	122863	0.0013	1.3	0.0009	0.9	0.134	2.22	6.57
122864	soil	26-Jun-15	UTM	NAD83	8v	528081	6773640	Camp 2	talus fines, bedrock of quartz veined grey shale	talus fines	RH	122864	0.0778	77.8	0.0811	81.1	0.162	2.02	34.5
122865	soil		UTM	NAD83	8v	528275	6773611	Camp 2	reddish soil on top of small knoll	soil	DH	122865	0.0021	2.1	0.0018	1.8	0.053	1.78	8.32
122866	soil	26-Jun-15	UTM	NAD83	8v	528410	6773693	Camp 2	1m deep auger soil sample, beige - olive sandy soil	soil	RH	122866	0.0055	5.5	0.005	5	0.218	1.09	31.1

Samp_No	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_per	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_per	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppm_MS42	In_ppm	K_per	La_ppm	Li_ppm	Mg_per	Mn_ppm	Mo_ppm	Na_per	Nb_ppm	Ni_ppm	P_per
122551	10	341	1.22	0.346	0.44	1.145	84.9	32.2	39.4	18.15	62	5.02	8.29	0.077	0.02	0.021	0.041	0.07	30.3	10.7	0.53	1330	1.08	0.013	0.272	40.3	0.093
122552	10	124.5	0.43	0.175	0.21	0.152	17.6	16.1	108	6.01	47.8	3.85	5.95	0.06	0.005	0.023	0.031	0.14	8.5	10	0.62	424	0.97	0.009	0.308	34.7	0.07
122553	10	104.5	0.56	0.139	0.6	0.177	24.6	21.4	47.8	10.05	39	3.66	5.57	0.06	0.031	0.018	0.03	0.08	13.95	6.9	0.54	513	0.45	0.014	0.193	36.4	0.08
122556	10	123	0.32	0.216	0.27	0.094	34.3	9.2	34.6	4.1	31.8	2.12	5.39	0.049	0.012	0.021	0.022	0.06	17.45	11.7	0.62	338	0.83	0.014	0.927	20	0.061
122558	10	238	0.46	0.122	2.44	0.234	30.4	61.5	56.5	0.419	54.5	6.39	4.52	0.193	0.162	0.026	0.026	0.06	15.3	18.3	2.12	3490	4.08	0.121	0.09	122.5	0.102
122559	10	123	0.61	0.104	1.71	0.326	39.1	59.7	63.9	0.613	53.6	7.36	4.89	0.123	0.324	0.033	0.034	0.16	20.3	15.8	1.77	2420	23	0.139	0.107	125	0.09
122560	10	682	1.53	0.425	0.49	0.104	75.1	1.965	2.66	0.579	2.3	0.4	3.54	0.086	0.717	0.004	0.015	0.66	38.5	4.5	0.62	142.5	1.01	0.59	0.172	6.14	0.005
122561	10	1360	1.24	0.354	0.4	0.242	63.4	0.859	1.1	0.685	0.86	0.178	4.94	0.077	0.682	0.004	0.017	1.7	32.2	2.4	0.26	371	0.6	1.415	0.047	1.7	0.004
122562	10	374	0.4	0.124	2.03	0.184	14.3	25.8	23.4	1.12	70.2	3.7	3.67	0.052	0.081	0.192	0.029	0.17	6.46	6.7	0.49	1065	0.51	0.01	0.177	24.5	0.094
122563	10	124.5	0.36	0.036	19.6	4.48	8.03	5.5	13.55	0.177	28	1.84	1.405	0.034	0.088	0.207	0.025	0.08	7.45	2.4	0.17	236	16.3	0.014	0.07	44.4	0.189
122564	10	300	0.34	0.068	0.54	0.064	33.6	7.68	25.3	0.496	11.6	2.89	4.92	0.054	0.156	0.013	0.025	0.34	16.35	5.4	0.75	291	0.69	0.041	0.624	10.35	0.039
122565	10	292	0.3	0.104	0.32	0.116	17.15	10.2	34.8	0.67	15.3	3.14	4.64	0.028	0.101	0.007	0.02	0.09	8.4	10	0.55	239	1.82	0.026	0.501	20.6	0.046
122567	10	161	0.25	0.087	0.26	0.077	10.15	6.93	28.9	0.395	15.7	2.41	4.5	0.021	0.13	0.008	0.016	0.07	5.52	8.8	0.43	176	0.89	0.015	0.567	16.95	0.02
122851	10	90.1	0.39	0.179	0.22	0.33	17.8	11.25	39.6	9.39	36.2	2.52	6.25	0.025	0.006	0.044	0.02	0.05	9.62	9.3	0.57	352	0.62	0.012	0.473	23	0.08
122852	10	78.3	0.26	0.163	0.39	0.156	13.1	6.11	29.1	10.2	19.3	1.79	5.69	0.027	0.005	0.021	0.015	0.04	7.52	6.5	0.36	322	0.57	0.01	0.345	13.3	0.086
122853	10	44.6	0.18	0.114	0.12	0.076	11.95	6.9	12.4	2.79	25	1.26	4.05	0.018	0.004	0.031	0.015	0.03	5.56	1.7	0.13	333	0.62	0.012	0.221	4.73	0.088
122854	10	206	0.6	0.347	1	0.209	35.1	44.7	44.1	0.854	35.6	4.83	4.12	0.097	0.164	0.035	0.036	0.08	18.25	15.5	1.18	2620	5.82	0.065	0.165	98.1	0.1
122855	10	220	0.62	0.101	0.22	0.266	31.3	13.1	19.4	0.936	34.8	2.08	6.35	0.057	0.008	0.093	0.016	0.09	16.6	6.2	0.33	1280	1.83	0.018	1.12	9.75	0.277
122856	10	76.4	0.23	0.061	0.2	0.033	114	10.7	49	1.405	54.5	13.75	9.67	0.266	0.017	0.03	0.097	0.41	55	8.9	0.91	426	54.8	0.668	0.781	21.9	0.31
122857	10	188	0.62	0.081	1.66	0.177	42.9	19.2	32.2	1.05	27.3	4.02	9.5	0.115	0.098	0.022	0.026	0.09	22.6	17.9	1.24	831	24.8	0.042	1.835	20.8	0.118
122858	10	174	0.28	0.329	0.12	0.041	33.5	7.76	25.7	0.555	47.6	7.01	7.04	0.1	0.029	0.04	0.027	0.14	18.4	10.7	0.73	318	5.66	0.098	0.904	16.45	0.116
122859	10	850	0.45	0.186	0.8	0.177	39.4	14.3	23.9	0.379	32.7	4.06	8.95	0.091	0.116	0.032	0.032	0.26	21.6	12.5	1.34	677	3.28	0.056	1.075	11.8	0.135
122860	10	354	0.41	0.239	1.05	0.189	36.5	14.25	20.7	0.475	31.1	3.82	7.7	0.09	0.06	0.067	0.017	0.24	18.85	11.6	1.2	765	3.58	0.123	0.894	15.55	0.123
122861	10	204	0.4	0.09	1.14	0.18	40.1	15.45	57.1	0.466	31.7	3.51	7.44	0.105	0.057	0.028	0.029	0.2	21.4	11.1	1.72	718	1.77	0.039	0.99	35.7	0.124
122862	10	210	0.41	0.074	1.02	0.282	38.3	13.45	24.4	0.366	26	3.41	8.66	0.096	0.052	0.021	0.033	0.23	19.85	8.8	1.53	844	1.08	0.027	1.17	12	0.147
122863	10	121	0.49	0.098	0.64	0.114	26.1	17.25	42.4	1.145	54.8	3.97	9.96	0.051	0.098	0.027	0.04	0.07	11.95	15	0.64	562	0.71	0.016	0.484	19.75	0.033
122864	10	260	0.46	0.065	0.87	0.206	20.6	21.5	41.3	0.565	62.6	3.77	9.14	0.063	0.131	0.126	0.038	0.15	9.07	18.9	1.07	570	0.61	0.021	0.339	26.9	0.055
122865	10	48.6	1.35	0.045	3.36	0.081	23.3	17.05	47.2	1.885	41.3	4.78	17.2	0.087	0.108	0.026	0.054	0.04	14.4	14.2	1	638	0.27	0.005	0.206	14.3	0.077
122866	10	161.5	0.46	0.07	7.73	1.075	18.8	13.75	33.3	0.55	58.8	3.18	4.36	0.05	0.049	0.14	0.029	0.06	13.35	10.1	0.66	506	4.21	0.014	0.304	47.6	0.111

Samp_No	Pb_ppm	Rb_ppm	Re_ppm	S_per	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_per	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm	Au_AROR43_ppm	Certificate
122551	76.3	8.74	0.001	0.01	6.01	15.3	0.7	0.49	28.2	0.005	0.18	4.58	0.025	0.155	2.5	95.7	0.483	13.8	123.5	0.9		WH15096973
122552	6.95	11.2	0.001	0.03	2.66	10.65	0.4	0.28	23.2	0.005	0.07	0.873	0.066	0.246	0.803	89.7	0.956	7.04	55.4	0.14		WH15096973
122553	7.65	6.59	0.001	0.01	2.09	12.1	0.6	0.47	35.7	0.005	0.04	2.53	0.038	0.199	1.72	76.4	0.246	15.35	49.6	0.65		WH15096973
122556	9.06	9.22	0.001	0.02	0.546	3.66	0.3	0.31	13.4	0.005	0.08	4.05	0.077	0.099	1.265	58.8	5.77	5.32	36	0.26		WH15096973
122558	3.97	5.49	0.001	0.01	0.104	18.4	0.6	0.44	91.6	0.005	0.08	2.34	0.081	0.568	0.84	116.5	0.097	14.85	119	9.45		WH15096973
122559	8.46	11.5	0.001	0.11	0.347	17.1	1	0.55	100.5	0.005	0.02	4.96	0.064	1.975	6.08	93.4	0.161	19.7	121	19.7		WH15096973
122560	28.1	30	0.001	0.01	0.123	2.18	0.7	0.45	69.7	0.005	0.02	19.95	0.005	0.257	3.7	3.7	0.032	14.9	13.4	31.5		WH15096973
122561	35.4	61.3	0.001	0.01	0.077	1.855	0.5	0.47	178.5	0.005	0.01	14.45	0.003	0.387	2.85	2.1	0.025	11.3	10.2	21.2		WH15096973
122562	5.47	7.66	0.001	0.09	5.49	14.1	1.1	0.19	115	0.005	0.03	0.465	0.005	0.143	0.227	84.8	0.148	11.7	69.4	1.92		WH15096973
122563	2.81	2.28	0.008	0.07	5.24	3.35	4.2	0.25	374	0.005	0.06	0.279	0.001	0.378	2.33	76.3	0.115	13.15	114.5	2.55		WH15096973
122564	4.92	51.6	0.001	0.01	0.125	7.65	0.3	0.45	53.3	0.005	0.01	3.97	0.108	0.094	1.15	77.1	0.085	6.19	49.6	4.82		WH15096973
122565	6.65	11.9	0.001	0.01	0.411	4.59	0.3	0.38	34.2	0.005	0.01	2.39	0.063	0.135	0.532	78.4	0.088	3.14	46.3	3.49		WH15096973
122567	5.14	11.15	0.001	0.01	0.392	3.43	0.2	0.33	23.4	0.005	0.02	2.02	0.07	0.078	0.422	62.3	0.101	2.01	35.3	4.09		WH15096973
122851	11.65	5.86	0.001	0.07	0.705	1.935	0.4	0.38	13.45	0.005	0.08	0.126	0.044	0.15	0.994	64.3	0.348	6.4	59.6	0.2		WH15096973
122852	7.24	7.01	0.001	0.07	0.441	0.826	0.2	0.41	19.6	0.005	0.01	0.062	0.03	0.103	0.709	50.4	0.186	6.27	38	0.11		WH15096973
122853	3.78	3.75	0.001	0.08	0.349	0.342	0.3	0.3	9.31	0.005	0.04	0.012	0.022	0.14	0.519	39.9	0.118	3.13	20.3	0.13		WH15096973
122854	6.98	8.51	0.001	0.01	0.216	14.75	0.7	0.44	48	0.005	0.14	3.38	0.048	1.185	3.02	86	0.059	16.4	82.7	9.74		WH15096973
122855	5.26	11.3	0.001	0.06	0.188	2.12	0.5	0.31	19.65	0.005	0.02	0.282	0.062	0.075	1.23	52.3	0.207	4.87	43.4	0.39		WH15096973
122856	24.1	13.15	0.01	2.72	0.726	11.55	1.4	0.3	945	0.005	0.57	2.14	0.078	0.675	2.3	126	0.178	3.58	55	0.9		WH15096973
122857	6.01	9.18	0.001	0.1	0.383	9.92	0.5	0.69	361	0.006	0.01	3.44	0.144	0.265	1.835	97.2	0.142	10.45	69.2	3.68		WH15096973
122858	9.43	7.06	0.001	0.62	0.481	7.11	1.6	0.31	109	0.005	0.49	2.53	0.066	0.191	1.41	80.6	0.089	5	50	1.46		WH15096973
122859	7.76	15.3	0.001	0.27	0.268	8.58	0.5	0.41	68.5	0.005	0.46	3.21	0.063	0.102	1.835	97.1	0.139	10.55	66.6	3.9		WH15096973
122860	6.47	14.2	0.001	0.44	0.218	7.69	0.7	0.35	132.5	0.005	0.38	1.765	0.06	0.122	1.055	79.8	0.113	8.18	60.3	2.18		WH15096973
122861	4.01	14	0.001	0.04	0.09	8.91	0.5	0.5	47.4	0.005	0.02	2.53	0.078	0.103	0.95	97.8	0.112	10.7	77.6	2.05		WH15096973
122862	5.08	16.3	0.001	0.04	0.078	9.02	0.5	0.48	39	0.005	0.01	1.735	0.082	0.096	1.045	97.8	0.142	12.1	80.6	1.69		WH15096973
122863	7.01	7.4	0.001	0.02	0.35	18.3	0.7	0.43	28.5	0.005	0.04	2.05	0.023	0.129	0.504	119	0.153	11.1	58.1	2.68		WH15096973
122864	5.2	7.86	0.001	0.05	2.26	12.85	1.5	0.39	42.3	0.005	0.02	1.09	0.021	0.231	0.302	105	0.121	11.5	74.2	2.57		WH15096973
122865	6.45	4.26	0.001	0.01	0.111	20.7	0.5	0.95	64.6	0.005	0.01	1.02	0.013	0.025	0.246	157	0.029	14.75	90.4	1.5		WH15096973
122866	5.82	3.54	0.005	0.02	1.41	10.45	2.1	0.33	174	0.005	0.05	1.875	0.02	0.262	1.8	90.1	0.13	18.35	94.5	1.93		WH15096973

Samp_No	Type	Date	Grid	Datum	Zone	UTM_East	UTM_North	Camp	Description	medium	person	Samp_No	Au_ST43_ppm	Au_ST43_PPB	Au_MS41L_ppm	Au_MS41L_PPB	Ag_ppm	Al_per	As_ppm
122867	soil	26-Jun-15	UTM	NAD83	8v	528377	6773748	Camp 2	0.15m deep soil, located at W end of outcrop hump of dark brown weathered mafic intrusive, burley poplers	soil	RH	122867	0.002	2	0.0033	3.3	0.069	1.04	1.41
579477	soil	20-Jun-15	UTM	NAD83	8v	519745	6766118	Camp 1	soil in frost boil on saddle. Brown. Some angular and rounded rx fragments.	soil	DH/RH	579477	0.002	2	0.0104	10.4	0.031	1.45	6.32
579478	soil	20-Jun-15	UTM	NAD83	8v	519919	6766070	Camp 1	frost boil, in area of limonite-quartz-carb breccia zone surrounded by basalt - andesite float	soil	RH	579478	0.0074	7.4	0.0036	3.6	0.108	1.5	15.2
579479	soil	20-Jun-15	UTM	NAD83	8v	519986	6766061	Camp 1	limonitic clay rich soil, next to recessive zone in grey green basaltic flow (?) rocks, limonite zone 1-2 m wide	soil	RH	579479	0.002	2	0.0021	2.1	0.105	1.04	18.35
579480	soil	20-Jun-15	UTM	NAD83	8v	520044	6766048	Camp 1	Rusty soil in recessive saddle- frost boil. Area of float of massive carbonate replacement/ breccia. Also float of mafic volc + some float of rounded granitic boulders. (no location but before 520045/ 6766053	soil	DH/RH	579480	0.0024	2.4	0.003	3	0.155	1.52	13.65
579481	soil	20-Jun-15	UTM	NAD83	8v	520064	6766050	Camp 1	rusty colored frost boil in approximate 10m wide limonite rusty carb brx in basaltic rocks	soil	RH	579481	0.0038	3.8	0.0055	5.5	0.161	1.62	11
579482	soil	20-Jun-15	UTM	NAD83	8v	520255	6766053	Camp 1	Rusty red - limonitic soil, float of dark green andesite - basalt. At base of slope, likely recessive carb alt zone. Float of limonite quartz - carb alt veining 25- 50m to east.	soil	RH	579482	0.0056	5.6	0.0063	6.3	4.14	2.02	24.5
579483	soil	20-Jun-15	UTM	NAD83	8v	520357	6766092	Camp 1	Limonite - brown soil adjacent to qtz - carb. Limonite weathered float approz 5 m to west of pink weathered flow banded rhyolite.	soil	RH	579483	0.0053	5.3	0.0059	5.9	1.235	0.9	65.9
579484	soil	20-Jun-15	UTM	NAD83	8v	520588	6766119	Camp 1	Goethite - limonite - rusty soil, float of limonite - bleached andesite breccia. Adjacent to tan felsic dyke in recessive gully.	soil	RH	579484	0.0024	2.4	0.0022	2.2	0.091	0.96	27.4
579485	soil	21-Jun-15	UTM	NAD83	8v	522449	6765430	Camp 1	in gully formed by strong joint set (095/90) cutting grey weathering grey fine grained andesite.	Talus fines	RH	579485	0.0018	1.8	0.0009	0.9	0.163	1.9	5.74
579486	soil	21-Jun-15	UTM	NAD83	8v	522432	6765471	Camp 1	Brown loamy (likely ash component) in gully, bleached andesite o/c and float of Fe Carb alt andesite, poor quality	Talus fines	RH	579486	0.0035	3.5	0.0018	1.8	0.102	1.84	9.06
579487	soil	21-Jun-15	UTM	NAD83	8v	522398	6765504	Camp 1	mod quality sample, green andesite, bleached andesite with epidote on fractures, at head of gully - N side.	Talus fines	RH	579487	0.0025	2.5	0.0016	1.6	0.169	1.8	12.6
579488	soil	21-Jun-15	UTM	NAD83	8v	522276	6765593	Camp 1	Limonitic soil from carb altered zone in green fine grained andesite, zone - gully trends approx 022,	Talus fines	RH	579488	0.0043	4.3	0.0043	4.3	0.184	1.17	26
579489	soil	21-Jun-15	UTM	NAD83	8v	522166	6765633	Camp 1	Limonitic orange soil - ok sample, lim - Fe carb altered andesite float and green andesite in gully, plus float of reddish brown weathered quartz - minor jasperoid magnetite vein breccia (rk 122608)	Talus fines	RH	579489	0.0417	41.7	0.0067	6.7	0.219	1.66	34.9
579490	soil	21-Jun-15	UTM	NAD83	8v	521903	6766021	Camp 1	Limonitic soil, float of green andesite, green andesite o/c on rim of drainage.	Talus fines	RH	579490	0.0019	1.9	0.0021	2.1	0.166	1.6	12.85
579491	soil	21-Jun-15	UTM	NAD83	8v	521793	6766210	Camp 1	Sandy sample, partly glacial?,	Talus fines	RH	579491	0.002	2	0.0032	3.2	0.051	1.73	10.55
579492	soil	21-Jun-15	UTM	NAD83	8v	521783	6766336	Camp 1	Frost boil, float of white weathering bleached felsic fine grained feldspar phyric porphyry.	soil	RH	579492	0.0018	1.8	0.0011	1.1	0.062	1.63	11.4
579493	soil	21-Jun-15	UTM	NAD83	8v	521809	6766429	Camp 1	multiple pits across 20m wide gully in dacite - siliceous dacite (or rhyolite?) brx and brecciated andesite with iron oxides (rk 122607)	soil	RH	579493	0.0016	1.6	0.0011	1.1	0.04	1.27	4.34
579494	soil	21-Jun-15	UTM	NAD83	8v	521504	6767129	Camp 1	ok sample from bottom of 'notch'. Float of dark grey - green pyritic andesite. Rare white hbl phyric felsic porphyry. O/C of dark green andesite both sides of 'notch'.	talus fines	RH	579494	0.0015	1.5	0.001	1	0.044	2.75	10.65
579495	soil	21-Jun-15	UTM	NAD83	8v	521602	6767057	Camp 1	On ridge, cliff edge, rusty weathered andeiste at head of gully.	talus fines	RH	579495	0.0037	3.7	0.0024	2.4	0.079	1.96	17
579496	soil	21-Jun-15	UTM	NAD83	8v	521674	6766875	Camp 1	Ok soil, likely a till componet, wide variety in rock float	soil	RH	579496	0.0024	2.4	0.001	1	0.023	1.53	9.43
579497	soil	21-Jun-15	UTM	NAD83	8v	521771	6766774	Camp 1	Ok soil, likely a till componet, wide variety in rock float	soil	RH	579497	0.0042	4.2	0.0016	1.6	0.068	1.92	9.58
579498	soil	21-Jun-15	UTM	NAD83	8v	521832	6766639	Camp 1	OK soil, likely a till componet, o/c of green boring andesite.	soil	RH	579498	0.0033	3.3	0.0021	2.1	0.045	1.7	7.56
579499	soil	21-Jun-15	UTM	NAD83	8v	521865	6766449	Camp 1	in gully on trend with rock 122607, soil in 0.5x1.5m patch of white decomposed dyke.	talus fines	RH	579499	0.1	100	0.515	515	0.048	1.02	5.93
579500	soil	22-Jun-15	UTM	NAD83	8v	522067	6765654	Camp 1	Limonitic orange soil, vuggy limonite breccia float, located between quartz porphyry (likely same rock 'microgranite' at station RH15113) and andesite basalt to north.	talus fines	RH	579500	0.021	21	0.0177	17.7	1.24	1.33	283

Samp_No	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_per	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_per	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppm_MS42	In_ppm	K_per	La_ppm	Li_ppm	Mg_per	Mn_ppm	Mo_ppm	Na_per	Nb_ppm	Ni_ppm	P_per
122867	10	1000	0.31	0.028	1.75	0.135	10.1	11.65	57.2	0.563	43.5	4.15	3.14	0.038	0.05	0.057	0.026	0.12	5.58	4.2	0.21	574	0.3	0.01	0.149	10.9	0.029
579477	10	122	0.31	0.334	0.22	0.141	29.9	9.26	32.6	2.71	20.6	2.16	4.34	0.038	0.007	0.019	0.014	0.06	15.05	10.2	0.6	295	0.59	0.018	0.731	19.1	0.059
579478	10	97.2	0.48	1.84	0.66	0.31	17.45	39.4	98.4	5.84	65.4	7.14	4.42	0.065	0.055	0.047	0.069	0.05	8.41	10.6	0.57	1610	0.91	0.026	0.188	71.4	0.059
579479	10	99.5	0.74	0.131	0.57	0.368	12.1	40.8	94.9	10.2	75.4	9.55	2.58	0.06	0.04	0.117	0.062	0.05	3.94	1.8	0.17	1595	0.83	0.008	0.014	80.2	0.042
579480	10	172	0.46	0.492	0.5	0.294	16.85	24	72.3	5.36	69.2	6.25	4.32	0.06	0.024	0.026	0.055	0.06	10.85	9.3	0.62	845	0.61	0.021	0.507	48.3	0.078
579481	10	209	0.39	0.58	0.57	0.272	27.2	22.4	38.4	5.65	62.6	5.92	4.87	0.066	0.009	0.037	0.057	0.06	13.65	11.6	0.78	1470	0.6	0.03	0.359	32	0.067
579482	10	178	0.78	35.6	0.78	8.17	11.4	44	105	17.7	141.5	8.07	5.59	0.067	0.11	0.03	0.063	0.12	3.98	16.3	0.89	1940	0.65	0.023	0.043	67.8	0.058
579483	10	385	0.74	4.13	0.55	1.81	14.05	81.7	18.4	13.6	117.5	10.35	3.01	0.093	0.058	0.112	0.079	0.06	4.85	2.6	0.26	2660	0.51	0.007	0.032	56.5	0.087
579484	10	298	0.57	0.084	0.3	0.128	13.4	65.6	37.9	18.3	41.8	6.19	3.68	0.053	0.012	0.103	0.14	0.06	6.51	2.9	0.2	1885	0.49	0.009	0.042	38.8	0.08
579485	10	92.2	0.36	0.124	0.28	0.272	13.9	15.6	58.9	6.74	48.5	3	6.39	0.047	0.015	0.04	0.02	0.06	6.18	13.6	1.13	498	0.59	0.019	0.57	30.4	0.088
579486	10	90.2	0.43	0.126	0.26	0.18	26.3	11.55	42.8	4.36	36.2	2.47	4.76	0.047	0.015	0.011	0.015	0.05	9.57	10	0.66	346	0.53	0.015	0.822	30.6	0.05
579487	10	104	0.41	0.152	0.27	0.223	17.8	14.4	32.6	7.54	39.4	2.93	5.44	0.041	0.012	0.068	0.026	0.06	6.64	9.5	0.59	549	1.05	0.021	0.431	19.75	0.111
579488	10	123.5	0.48	0.119	0.38	0.385	38.1	24	30.8	13.85	45.1	4.57	3.74	0.072	0.007	0.028	0.044	0.05	18.75	8.1	0.38	1020	0.39	0.012	0.184	28.4	0.084
579489	10	131	0.7	0.178	0.33	0.571	27.2	26.6	52	7.44	82.7	6.39	4.75	0.073	0.01	0.059	0.026	0.05	12.2	7.9	0.51	1630	1.15	0.018	0.322	40.5	0.089
579490	10	149.5	0.65	0.135	0.43	0.193	19.45	32.1	80.6	12.7	61.6	6.78	3.89	0.067	0.012	0.053	0.05	0.07	7.31	9.1	0.62	1420	0.25	0.011	0.149	64.3	0.083
579491	10	97	0.5	0.179	0.24	0.159	32.8	15.3	47.9	7.08	30.6	3.46	7.26	0.057	0.008	0.037	0.033	0.06	17	9.6	0.6	451	0.62	0.012	0.387	30.7	0.105
579492	10	112.5	0.56	0.177	0.34	0.153	34.6	24.2	59.2	10.5	40.3	4.2	5.27	0.059	0.031	0.021	0.034	0.06	18.1	9.5	0.63	792	0.6	0.013	0.332	39.8	0.081
579493	10	97.8	0.53	0.252	0.36	0.112	22.7	18.95	46.4	6.87	55.6	4.78	6.11	0.074	0.008	0.016	0.049	0.04	12	7	0.43	797	0.43	0.01	0.179	25.5	0.058
579494	10	96.6	0.5	0.203	0.38	0.124	23.6	29	57.7	6.1	47.9	5.05	10.65	0.064	0.016	0.018	0.05	0.08	9.79	13	1.05	959	0.57	0.018	0.524	36.5	0.09
579495	10	70.5	0.3	0.504	0.57	0.172	26.4	39.9	51.4	5.87	86.7	7.83	12.95	0.179	0.051	0.017	0.067	0.1	12.3	9.4	0.75	631	4.78	0.029	0.447	34.9	0.088
579496	10	151	0.51	0.207	0.44	0.169	33.9	20.1	48.9	7.37	37.9	3.66	5.81	0.062	0.009	0.017	0.031	0.06	18.85	9.8	0.63	699	0.47	0.015	0.382	33.5	0.082
579497	10	112	0.46	0.186	0.34	0.205	25.1	12.45	46.2	5.84	32.3	2.85	6.85	0.041	0.01	0.027	0.023	0.05	12.85	11.2	0.69	370	0.57	0.014	0.411	28.7	0.099
579498	10	98.8	0.4	0.201	0.35	0.229	29.2	13.6	45.8	4.51	32.7	2.67	6.43	0.051	0.015	0.024	0.022	0.06	16.4	11	0.72	441	0.56	0.013	0.733	29.2	0.102
579499	10	71.7	0.45	0.117	0.32	0.112	30.2	10.65	27.9	4.81	20.2	2.11	3.4	0.036	0.027	0.012	0.012	0.03	18.15	5.8	0.37	361	0.56	0.009	0.29	19.75	0.07
579500	10	99.2	0.79	0.388	0.22	0.739	26.7	58.2	20.1	5.61	334	8.93	5.1	0.08	0.009	0.099	0.049	0.04	12.15	5.5	0.32	1375	1.85	0.007	0.154	51.1	0.098

Samp_No	Pb_ppm	Rb_ppm	Re_ppm	S_per	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_per	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm	Au_AROR43_ppm	Certificate
122867	3.93	7.53	0.001	0.03	0.26	27.5	0.6	0.22	46.8	0.005	0.01	0.497	0.012	0.046	0.226	111	0.073	13.7	25.7	1.38		WH15096973
579477	9.68	7.31	0.001	0.03	0.407	2.33	0.3	0.31	10.2	0.005	0.07	1.04	0.064	0.112	0.768	51.4	1.525	4.27	32.3	0.28		WH15096973
579478	7.46	5.46	0.001	0.03	2.01	33.2	1	0.35	13.6	0.005	0.82	1.28	0.012	0.106	0.341	179.5	0.452	28.1	132	1.14		WH15096973
579479	6.85	5.54	0.001	0.01	0.464	33.9	1.2	0.26	13.5	0.005	0.02	0.551	0.001	0.143	0.443	176	0.216	28.4	179	0.66		WH15096973
579480	10.8	8.94	0.001	0.03	1.04	21.9	0.8	0.33	14.6	0.005	0.04	1.76	0.037	0.115	0.843	163	1.725	22.8	138.5	0.53		WH15096973
579481	8.57	8.07	0.001	0.02	0.818	19.7	0.8	0.33	17.05	0.005	0.03	3.3	0.057	0.172	0.922	147	2.88	23.2	99.7	0.27		WH15096973
579482	485	15.3	0.001	0.02	4.57	36.3	1.2	0.28	10.05	0.005	1.01	0.344	0.01	0.379	0.321	172	0.234	33.8	462	1.8		WH15096973
579483	71.9	5.29	0.001	0.01	12.45	34.7	1.4	0.38	9.66	0.005	0.09	0.483	0.005	0.114	0.602	256	0.216	36.1	292	1.28		WH15096973
579484	6.77	7.89	0.001	0.02	2.33	25.9	0.7	0.6	15.75	0.005	0.02	0.963	0.007	0.248	0.879	195.5	0.383	23.1	68.5	0.22		WH15096973
579485	8.64	6.45	0.001	0.06	0.494	3.92	0.6	0.33	15.75	0.005	0.04	0.725	0.101	0.122	0.872	90.3	0.22	7.48	62.2	0.49		WH15096973
579486	7.88	5.81	0.001	0.04	0.577	2.43	0.4	0.3	13.55	0.005	0.05	0.583	0.07	0.089	0.592	57.7	0.275	5.81	42.3	0.5		WH15096973
579487	10.05	7.81	0.001	0.09	1.595	1.85	0.6	0.38	17.55	0.005	0.07	0.106	0.058	0.123	0.571	75.5	0.282	5.08	47.6	0.42		WH15096973
579488	13.25	6.15	0.001	0.01	4	10.85	0.7	0.27	15.1	0.005	0.12	1.3	0.02	0.125	0.696	91.9	0.193	18.3	74.9	0.18		WH15096973
579489	16.2	7.04	0.001	0.04	12.5	6.83	1.4	0.3	14.15	0.006	0.18	0.395	0.052	0.151	2.54	141.5	0.746	26.7	101	0.21		WH15096973
579490	5.82	9.21	0.001	0.02	2.96	22.1	0.9	0.38	20.2	0.005	0.2	1.24	0.014	0.218	0.709	123.5	0.455	24.3	73	0.3		WH15096973
579491	7.47	7.02	0.001	0.03	2.42	5.44	0.5	0.55	12.8	0.005	0.03	0.548	0.045	0.188	0.969	83.2	0.421	9.12	62.5	0.26		WH15096973
579492	7.47	6.88	0.001	0.01	2.41	9.3	0.5	0.39	13.25	0.005	0.07	4.47	0.052	0.184	0.909	94.3	0.457	10.5	60.2	1.18		WH15096973
579493	4.99	4.42	0.001	0.01	1.635	11.3	0.5	0.6	18.4	0.005	0.01	1.955	0.039	0.075	0.86	112.5	0.197	19.85	66	0.26		WH15096973
579494	6.83	7	0.001	0.04	1.195	8.93	0.6	0.62	15.75	0.005	0.05	0.591	0.126	0.197	0.676	133	0.252	11.3	68.7	0.48		WH15096973
579495	7.19	6.7	0.001	0.09	1.385	12.5	1.1	0.89	32.5	0.005	0.1	3.46	0.114	0.18	2.59	164	0.335	16.05	54.7	2.05		WH15096973
579496	9	6.65	0.001	0.01	2.07	8.5	0.5	0.42	19.1	0.005	0.05	3.25	0.06	0.148	0.839	85.3	0.448	10.1	52	0.4		WH15096973
579497	8.15	7.29	0.001	0.03	1.09	3.73	0.4	0.44	18.75	0.005	0.07	0.351	0.052	0.133	0.815	70.5	0.439	7.17	55.6	0.16		WH15096973
579498	10.05	7.74	0.001	0.02	0.883	5.24	0.5	0.43	14.35	0.005	0.05	2.31	0.088	0.109	1.245	69.5	0.674	7.94	55.5	0.41		WH15096973
579499	6.07	4.07	0.001	0.01	0.949	4.24	0.3	0.2	15.1	0.005	0.05	3.11	0.034	0.084	0.969	44.5	0.288	5.24	33.3	1.39	1.71	WH15096973
579500	18.3	4.05	0.001	0.02	42	22.1	1.3	0.22	16.95	0.005	0.29	1.26	0.014	0.521	3.33	159	3.45	26.8	128.5	0.16		WH15096973

Appendix D

Stream Sediment Sample Descriptions
And
Analytical Results

Sample no	type	Date	Grid	Datum	Zone	UTM E	UTM N	Camp	Description	sample notes	in which notebook	Samp_No	Au_MS41L_ppm	Au_MS41L_PPB	Ag_ppm	Al_per	As_ppm
122554	**silt**	22-Jun-15	UTM	NAD83	8v	520536	6765368	Camp 1	SILT; good quality but sediment most likely derived from rapidly eroding wedge of till in creek gully at base of slope. Lots of exotic granite boulders in float.	SILT	RH	122554	0.004	4	0.083	1.03	4.11
122555	**silt**	22-Jun-15	UTM	NAD83	8v	521302	6765389	Camp 1	SILT; good quality, small boulder traps, sed and float mostly from drainage (not all till sourced). Basalt - andesite and various porphyries float.	SILT	RH	122555	0.0052	5.2	0.436	1.85	15.25
122557	**silt**	22-Jun-15	UTM	NAD83	8v	521978	6765164	Camp 1	SILT, Boulder creek! Small bar and boulder traps, tough sample to collect but ok. Usual Till issure but till dones not dominate sample.	SILT	RH	122557	0.0025	2.5	0.196	1.55	11.35
122566	**silt**	25-Jun-15	UTM	NAD83	8v	526723	6773753	Camp 2	SILT; very small creek, 25cm X <10cm deep, moderate gradient, muddy organics, sandy, volcanic boulders, poor - moderate quality.	SILT	RH	122566	0.0007	0.7	0.11	0.76	1.22
122568	**silt**	26-Jun-15	UTM	NAD83	8v	528117	6774092	Camp 2	Silt Sample, meandering creek, side bar, creek 3m wide, .25m deep, all manner of rock float types - glacial till source...	SILT	RH	122568	0.0005	0.5	0.039	0.93	5.89

Sample no	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_per	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_per	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppm_N	In_ppm	K_per	La_ppm	Li_ppm	Mg_per	Mn_ppm	Mo_ppm	Na_per	Nb_ppm	Ni_ppm	P_per
122554	<10	155	0.25	0.568	0.59	0.232	49.5	9.76	52.7	1.75	25.1	2.8	4.11	0.082	0.04	0.012	0.015	0.1	27.9	8.1	0.55	363	0.66	0.023	0.525	25.7	0.128
122555	<10	170.5	0.51	0.304	0.75	1.045	31.6	15.3	58.2	8.37	61.1	2.93	5.76	0.074	0.011	0.056	0.035	0.1	20	13.6	0.78	494	1.56	0.03	0.57	33.9	0.115
122557	<10	124	0.41	0.155	0.5	0.439	26	12.3	51.8	5.86	33.7	2.31	4.92	0.06	0.007	0.025	0.018	0.08	15.6	10.6	0.64	447	1.64	0.022	0.525	32.1	0.089
122566	10	173.5	0.18	0.033	1.42	0.156	20.3	4.73	24	1.51	19.75	1.57	2.69	0.059	0.081	0.083	0.009	0.07	13.85	5.3	0.55	182.5	0.54	0.092	0.412	10.3	0.089
122568	<10	125	0.21	0.071	0.57	0.089	24.7	9.58	34.4	0.624	15.25	2.28	3.46	0.056	0.12	0.006	0.016	0.05	12.6	7	0.63	399	0.86	0.036	0.406	18.95	0.065

Sample no	Pb_ppm	Pd_ppm	Pt_ppm	Rb_ppm	Re_ppm	S_per	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_per	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm	Au-ST44_ppm	Au-ST44_PPB	Certificate
122554	7.55	0.001	<0.002	9.69	<0.001	0.01	0.451	3.86	0.4	0.64	20.5	<0.005	0.05	9.1	0.09	0.109	1.365	77	3.78	8.27	35	1.36	0.0164	16.4	WH15096970
122555	12.25	<0.001	<0.002	11.4	<0.001	0.07	1.1	4.99	2.2	0.46	27.1	<0.005	0.06	0.776	0.059	0.151	3.14	78.2	1.505	19	76.8	0.31	0.0054	5.4	WH15096970
122557	8.19	0.001	<0.002	8.57	0.001	0.07	1.035	2.67	1.3	0.33	22.7	<0.005	0.1	0.536	0.058	0.118	3.38	66.8	0.779	12.8	49.9	0.35	0.0044	4.4	WH15096970
122566	2.99	0.004	<0.002	11.65	<0.001	0.12	0.161	3.07	1.5	1.54	106.5	<0.005	0.02	1.325	0.048	0.063	2.5	47.1	0.059	8.82	35.3	2.48	0.0017	1.7	WH15096970
122568	4.12	0.002	<0.002	5.09	0.001	0.04	0.306	4.28	0.5	0.24	29.2	<0.005	0.02	3.41	0.081	0.058	0.748	64.6	0.487	6.81	37.7	4.09	0.0561	56.1	WH15096970

Appendix E

Field Stations

Teslin Mountain Project. Coordinates in: UTM grid, NAD83 datum, Zone 8v										
Geo	Camp	StationNo	Date	UTM_E	UTM_N	Rock_Type	Description	structure	rep	photo
DH	1	15DH-40	22-Jun-15	522636	6765266	andesite/ basalt	dk green , massive basalt, some jointing, dipping into hill, So?			
DH	1	15DH-41	22-Jun-15	522616	6765290	andesite/ basalt	possible contatct between massive unit and cgl: So?	possible So: 140/ steep		
DH	1	15DH-43	22-Jun-15	522537	6765391	volcanic cgl	cgl mafic, felsic and jasper clasts			x
DH	1	15DH-44	22-Jun-15	522533	6765434	andesite/ basalt	massive phaneritic mafic volc or micro-diorite, one rusty fracture w lim and vugs, tr py			
DH	1	15DH-38	21-Jun-15	522443	6765444	andesite/ basalt	mafic volcs			
DH	1	15DH-38a	21-Jun-15	522442	6765448	fspar porphy	other side of gully, in place?			
DH	1	15DH-45	22-Jun-15	522502	6765461	andesite/ basalt	rapid contact between rusty hflsd volc and magnetic dk non-ox volcanic rx.			x
DH	1	15DH-46	22-Jun-15	522440	6765463	fspar porphyry	whitish-weathering, greenish grey fspar porphyry, w 0.5-1 cm white (clayey weathering) corroded fspars in matrix of plag laths, w small mafics-hbl?			
DH	1	15DH-47	22-Jun-15	522420	6765472	fspar porph/ mafic volc	interfingered FP/ mafic volc			
DH	1	15DH-47b	22-Jun-15	522417	6765481	mafic volc	mafic volc			
DH	1	15DH-11	21-Jun-15	522278	6765495	fspar porph	trail of blocky rubble of large angular blocks of orange-weathering FP w creamy fspar laths up to 1 cm long in greyish-green groundmass, w 5% small diss mafics + epidote. Ank in weathering rind. Other blocks in train are pervasively ankerite-altered.		x	x
DH	1	15DH-9	21-Jun-15	522433	6765495	carbonate breccia-vein	carbonate breccia-vein with angular altered andesite fx in orange ankerite groundmass. Rubble extends for ~20m, bleached or altered andesite at either contact.			
DH	1	15DH-48	22-Jun-15	522306	6765521	mafic volc	mafic volc, large o/c area			
DH	1	15DH-13	21-Jun-15	522242	6765541	andesite/ basalt	o/c of dk grey-weath green mafic volc, loc brecciated			
DH	1	15DH-12	21-Jun-15	522261	6765541	fspar porph	trail of blocky float of orange-weathering fg alt fspar porph, just below o/c// s/c		x	x
DH	1	15DH-36	21-Jun-15	522299	6765541	andesite/ basalt w possible fspar porph contact	cliffy gully: cliff face is mafic volc but gully choked with large angular blocks of fspar porph (recessive?)			
DH	1	15DH-14	21-Jun-15	522227	6765542	andesite/ basalt	o/c dk green volc, knobbly surface- breccia? S.L.S dk green mafic volc. Fspar porph interpreted to be in in recessive snow-covered gully.			
DH	1	15DH-50	22-Jun-15	522262	6765542	fspar porphyry	same location as 15DH-12, orange-weathering fp s/c?			
DH	1	15DH-22	21-Jun-15	522152	6765544	andesite/ basalt	mafic volc o/c			
	1	15DH-13a	21-Jun-15	522241	6765545	contact andesite/ fspar porph	in o/c, N-S strike, shallow dip?			x
DH	1	15DH-15	21-Jun-15	522207	6765546	andesite/ basalt	o/c dk green volc. Photos of bowl			x
DH	1	15DH-21	21-Jun-15	522200	6765548	andesite/ basalt	mafic volc o/c			
DH	1	15DH-49	22-Jun-15	522288	6765552	mafic volc	mafic volc, both sides of gully and s.l.s.			
DH	1	15DH-23	21-Jun-15	522136	6765555	andesite/ basalt	mafic volc, across little saddle			
DH	1	15DH-53	22-Jun-15	522222	6765555	fspar porphyry				
DH	1	15DH-16	21-Jun-15	522209	6765557	fspar porph	fspar porph. o/c?			

Teslin Mountain Project. Coordinates in: UTM grid, NAD83 datum, Zone 8v										
Geo	Camp	StationNo	Date	UTM_E	UTM_N	Rock_Type	Description	structure	rep	photo
DH	1	15DH-52	22-Jun-15	522227	6765560	mafic volc				
DH	1	15DH-20	21-Jun-15	522240	6765564	andesite/ basalt	mafic volc o/c			
DH	1	15DH-25	21-Jun-15	522123	6765570	contact andesite/ fspar porph	fspar porph on north side, white weathering			
DH	1	15DH-55	22-Jun-15	522180	6765575	mafic volc	flat o/c of mafic volc. Draw contact between here and 15DH-24			
DH	1	15DH-54	22-Jun-15	522202	6765575	fspar porphyry	mostly float, w o/c of orangy fspar porphyry			
DH	1	15DH-51	22-Jun-15	522240	6765575	fspar porphyry				
DH	1	15DH-26	21-Jun-15	522107	6765576	contact andesite/ fspar porph	contact andesite/ fspar porph			
DH	1	15DH-56	22-Jun-15	522224	6765576	fspar porphyry	mainly s/c, angular blocks of Fspar Porphyry			
DH	1	15DH-17	21-Jun-15	522226	6765576	fspar porph	Blocky o/c of white-weathering fg fspar-rich dyke, w small chloritized mafics. Not porphyritic but see the flash of small fspar laths.			
DH	1	15DH-27	21-Jun-15	522095	6765581	contact andesite/ fspar porph	contact andesite/ fspar porph, flat lying. Fspar poph above, maf below	contact flat lying		
DH	1	15DH-19	21-Jun-15	522242	6765594	felsic dyke	felsic dyke o/c			
DH	1	15DH-35	21-Jun-15	522173	6765601	fspar porph	base of fspar porph face			
DH	1	15DH-57	22-Jun-15	522230	6765603	contact andesite/ fspar porph	approximate contact between fp s/c- float to south and volc to N.	Contact trends ~ E-W.		
DH	1	15DH-28	21-Jun-15	522097	6765607	contact andesite/ fspar porph	upper contact of previous porph, basalt on top	contact 280/32		
DH	1	15DH-18	21-Jun-15	522233	6765610	andesite/ basalt	mafic volc			
DH	1	15DH-29	21-Jun-15	522106	6765611	fspar porph	greyish fspar porphyry (flow?), vfg at contact			
DH	1	15DH-33	21-Jun-15	522158	6765624	fspar porph	fspar porph			
RH	1		21-Jun-15	522173	6765627	qtz-mt	qtz-mt	gully trends 295 deg		
DH	1	15DH-30	21-Jun-15	522126	6765629	andesite/ basalt	mafic volc, forms cap of hill			
DH	1	15DH-31	21-Jun-15	522132	6765631	fspar porph	1-2 m of dh-30: fspar dyke			
DH	1	15DH-34	21-Jun-15	522161	6765643	andesite/ basalt	massive mafic volcs, some carbonate (ank) replacement			
DH	1	15DH-58	22-Jun-15	522183	6765648	mafic volc	mafic volc, N wall of bowl			
DH	1	15DH-59	22-Jun-15	522195	6765677	fspar porphyry	just east of carb-mt zone , follow trails of FP float, white to orangy-weathering fspar porphyry in o/c and in trail of angular rubble. 5-10m wide	5-10 m wide, trends E-W		
DH	1	15DH-60	22-Jun-15	522271	6765679	fspar porphyry	no o/c but angular rubble outlines quartz porphyry, maybe some s/c?			
DH	1	15DH-61	22-Jun-15	522245	6765712	felsic dyke	very massive dyke, // to jointing, 2-3 m wide. Chloritized? Southern end faulted off?	jointing // to dyke: 080/50		
DH& RH	1	15DH-4	20-Jun-15	520045	6766053	carbonate breccia-vein	rusty carbonate zone			
DH& RH	1	15DH-2	20-Jun-15	519910	6766062	basalt	rusty subcrop of limonitic coated lt green phaneritic rx w mottled dark green patches. F.g. sulph (po?) on fractures and diss in blebs (<1%).			

Teslin Mountain Project. Coordinates in: UTM grid, NAD83 datum, Zone 8v										
Geo	**Camp**	**StationNo**	**Date**	**UTM_E**	**UTM_N**	**Rock_Type**	**Description**	**structure**	**rep**	**photo**
DH& RH	1	15DH-5	20-Jun-15	520335	6766114	rhyolite	trail of float (s/c) of pinkish fg flow-banded rhyolite w small pinkish (ankerite?) grains outlining flow banding. Recessive, 10m wide on ridge, trends ~ 140/55 at possible o/c? Rare fspar phenos. Rusty carbonate zone at western margin.			
RH	1		21-Jun-15	521866	6766450	qtz veining and dyking	RH says will run!	veining trends 040-045		
RH	1		21-Jun-15	521500	6767130		notch gully			
DH	2	15DH-69	24-Jun-15	527911	6773314		in camp: terra-cotta coloured lithic xtal lappilli tuff, fissile, talus from landslide. Small rhyolite fx (w qtz), pumice fx (some flattened), qtz xtals. Pumice fx generally aligned.			
DH	2	15DH-71b	25-Jun-15	527393	6773544	grey xtal tuff	string of outcrops since last station, ~ // to strike			
DH	2	15DH-84	25-Jun-15	528206	6773576		edge of landslide			
DH	2	15DH-85	26-Jun-15	528166	6773605	siltstone-sandstone	same as RH136. Rounded Knoll of oxidized soil w float or s/c of dk greenish grey calcareous siltstone to sandstone w dk limestone interbeds or clasts.			
DH	2	15DH-87	26-Jun-15	528244	6773612	sandstone	fg greenish sandstone, very calcareous			
DH	2	15DH-86	26-Jun-15	528164	6773631	sandstone	dirty, calcareous, dk brownish green sandstone/ arkose, angular clasts, cut by orange calcite-white quartz vein (~1cm), w dark shale chips or beds			
DH	2	15DH-79	25-Jun-15	527432	6773801	lapilli tuff	maroon lapilli tuff			
DH	2	15DH-80	25-Jun-15	527435	6773802	xtal tuff	boulder of xtal tuff greenish groundmass, qtz-biot and hematized fspars			
DH	2	15DH-91	26-Jun-15	528134	6773810	intrusive rock	across swamp, zone of intense stockwork and brecciation in altered intrusion (like across swamp)			
DH	2	15DH-72	25-Jun-15	527181	6773943	grey xtal tuff	fg grey xtal tuff, qtz-fspar w abundant hb laths, magnetic			
DH	2	15DH-90	26-Jun-15	528160	6773986	sandstone	dirty sandstone, last outcrop in line of knobs			
DH	2	15DH-74	25-Jun-15	527210	6774010	contact grey xtal tuff and underlying marroon lapilli tuff	contact between grey xtal lithic tuff and underlying maroon agglomerate/ lapilli tuff w large greyish tuff fx	trough-like subhorizontal contact		x
DH	2	15DH-64	23-Jun-15	523974	6777415	cretaceous andesite	brown-weathering, grey, fissile, aphanitic rx w strong micaceous parting, py cubes 1%			

Teslin Mountain Project. Coordinates in: UTM grid, NAD83 datum, Zone 8v										
Station	**Date**	**Time**	**Easting**	**Northing**	**Elev**	**Ft.**	**Description**	**structure**	**rep**	**photo**
Camp1	20-Jun-15	3:07:19PM	523130	6764436	4607	ft	2015 Camp 1			
Camp2	20-Jun-15	3:10:40PM	527911	6773314	5256	ft	2015 Camp 2			
RH15107	20-Jun-15		519748	6766117			Heli set out on ridge top, traverse east to Camp 1. Nearby outcrop of dark grey - green weathering grey - green fine grained volcanic derived sandstone. & Possible basalt pillows.	0.5m spaced joint 315/28N 0.25m spaced joint 062/68S		
RH15108	20-Jun-15	6:53:14PM	521135	6766038	5610	ft	Scree of Jasperoid and rhy. Need to revisit and sample.			
RH15109	20-Jun-15	7:16:00PM	521629	6765825	5586	ft	Float of qtz-jasperoid . Need to revisit and sample			
RH15110	21-Jun-15	2:02:10PM	522105	6765748	5509	ft	outcrop of rusty brown weathering dark green pyritic andesite in sharp contact with overlying non rusty weathering grey green andesite			
RH15111	21-Jun-15	2:12:40PM	522041	6765777	5583	ft	scattered very angular float boulders of white (lichen?) weathered white qtz porphyry, white aphanitic qtz-feld groundmas. Dyke or ?			
RH15112	21-Jun-15	3:41:58PM	521719	6766569	5853	ft	Float - frost boils of white weathering white qtz-feld porph - similar to that seen at 122607. More porphyry to west (rim of valley) and varients (ie. Siliceous hbl grd?), also feld phyric andesite and flower rock without flowers! Photo from sTN of 122607, tan patch below snow, looking approx 140 deg.			x
RH15113	22-Jun-15	10:45:33AM	522152	6765644	5420	ft	Small 2x3m outcrop of qtz-mag+/- jasperoid brx. 2 m to north is outcrop of grey weathering dark green fine gr and-basalt. Approx 15m to South is outcrop of light grey wea hbl 'granitoid' with small float patch of lim - carb alt between. Sketch in notebook.	joints on qtz-mag outcrop 080/63S.		
RH15114	22-Jun-15	11:57:57AM	521705	6765825	5576	ft	3.4 m long by 1m wide white weathering siliceous hbl qtz porph. Only remnant chloritized hbl remains at contact with grey weathering dark green andesite. Sharp contact but qtz porphyry intrudes - see photo. Porphyry discontinuous in both E&W directions as andesite outcrop abuts .			
RH15115	22-Jun-15	12:47:07PM	521523	6765913	5649	ft	Contact bewteen qtz-hbl porphyry to South and dark green basalt - andesite to North. Irregular contact, maybe original depositional contact? Irregular shape and qtz hbl porph abuts andesite - basalt outcrop to Norht. 2 panorama photos looking westerly. Stn 108 (mag-jasper-qtz area) in left(s) of photo near 'vertical' snow patch. see orig notes	contact 120/dips N, or steep?		x
RH15116	22-Jun-15	2:07:10PM	521160	6766127	5618	ft	basaltic - andesite and block white - light grey qtz - hbl porph exposure.	contact 240/45?N		x

Teslin Mountain Project. Coordinates in: UTM grid, NAD83 datum, Zone 8v										
Station	**Date**	**Time**	**Easting**	**Northing**	**Elev**	**Ft.**	**Description**	**structure**	**rep**	**photo**
RH15117	22-Jun-15	2:55:33PM	520748	6765665	5316	ft	scree of feldspar porphyry - see photo			
RH15118	22-Jun-15	4:20:32PM	521528	6765083	4869	ft	Outcrop and scree of feldspar hbl porph , approx 10m wide. X/C by (1) 1mm qtz veinlet.			
RH15119	22-Jun-15	5:20:00PM	522164	6765041	4862	ft	Outcrop on ridge spur of white weathering light grey feld porph. Contact not exposed but based on andesite-basalt oucrop to norht might be 290deg. Body of porphyry run N up spur, approx 100m n Norht of stn on spur.	jointing N-S/90 contact approx 290?		
RH15120	22-Jun-15	5:51:38PM	522852	6764963	4452	ft	Whalesback outcrop of green basalt - andesite. Elongated NNE approx 025 deg.			
RH15121	23-Jun-15	11:20:11AM	523968	6775411	3812	ft	Heli set out on mini landslide or scree - located NW of Camp 2. Start of long traverse back to camp 2. Scree of monolithologic brn - grey weathering grey aphanitic magnetite - pyrite (poss pyrrhoite in part) andesite - dacite. Non siliceous, slabby. Lookin at rusty weathering cliff of what appears to be near horizontal volcanic flows/beds. Uppermost bed has cooling joints?			
RH15122	23-Jun-15	12:46:32PM	523882	6775614	3880	ft	Rhy, flow dyke , fine grianed, welded tuff? Fine grained lithic clasts and feld phyric. On south margin of gully.			
RH15123	23-Jun-15	1:11:32PM	523937	6775805	3829	ft	at base of volcanic cliffs that trend approx 110 deg and form north margin of gully. Cliffs of tan lithic lapilli . Flattened pyramid voids up to 5cm of weathered out?? Variety of angular clasts; feld phyric andesite, dark grey basalt?, light and dark gray fine grained ?? X/cut by dry fractures, joints N-S/ steep. till fills fractures and cracks in cliffs.	bedding lapilli tuff 174/16E fault in cliff 184/26W joint-open space 358/80		X
RH15124	23-Jun-15	3:59:15PM	524046	6774975	3809	ft	Float of tan lithic tuff, similar to STN 123. start of thunderstorm			
RH15125	23-Jun-15	7:22:23PM	526262	6773445	3227	ft	Flat plateau and nice walking! Cliff of grey qtz-feldspar phyric andesite.			
RH15126	23-Jun-15	8:38:59PM	527544	6773234	2987	ft	NW (upper edge) of landslide. End of thunderstorm.			
RH15127	24-Jun-15	3:13:24PM	528186	6773346	2606	ft	White river ash deposited on top of landslide debris with lichen and more mature tree cover. Multiple events including present time.			
RH15128	24-Jun-15	5:20:26PM	528423	6773716	2471	ft	Whales back outcrop of grey limestone, O/C trends 138 - glacial scour - shapping	glacial dir'n 138deg		
RH15129	24-Jun-15	5:30:12PM	528527	6773647	2486	ft	Dark grey limestone X/C by white calcite veinlets.			
RH15130	24-Jun-15	5:40:21PM	528516	6773629	2500	ft	Brecciated, partly decalcified limestone. Limonite replacing coarse 1-3mm py?		x	

Appendix F

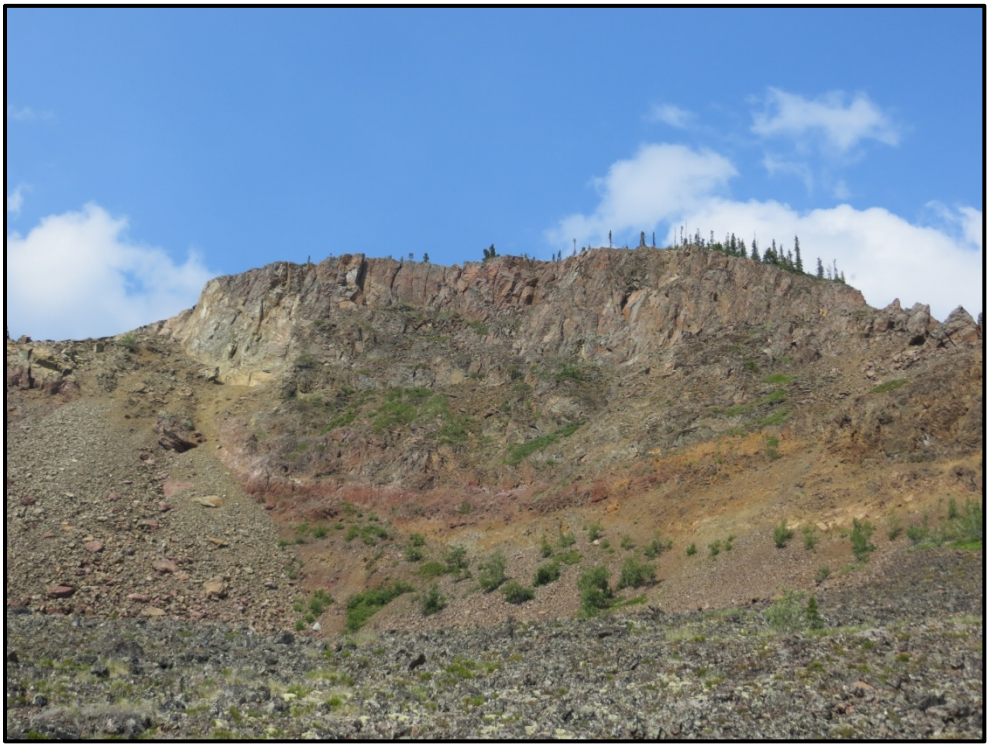
Photos

Debicki Minfile Occurrence. Looking SW at Limonite weathering Debicki Occurrence towards 1.71 gpt gold in soil on other side of ridge crest (approximately behind the ‘X’).

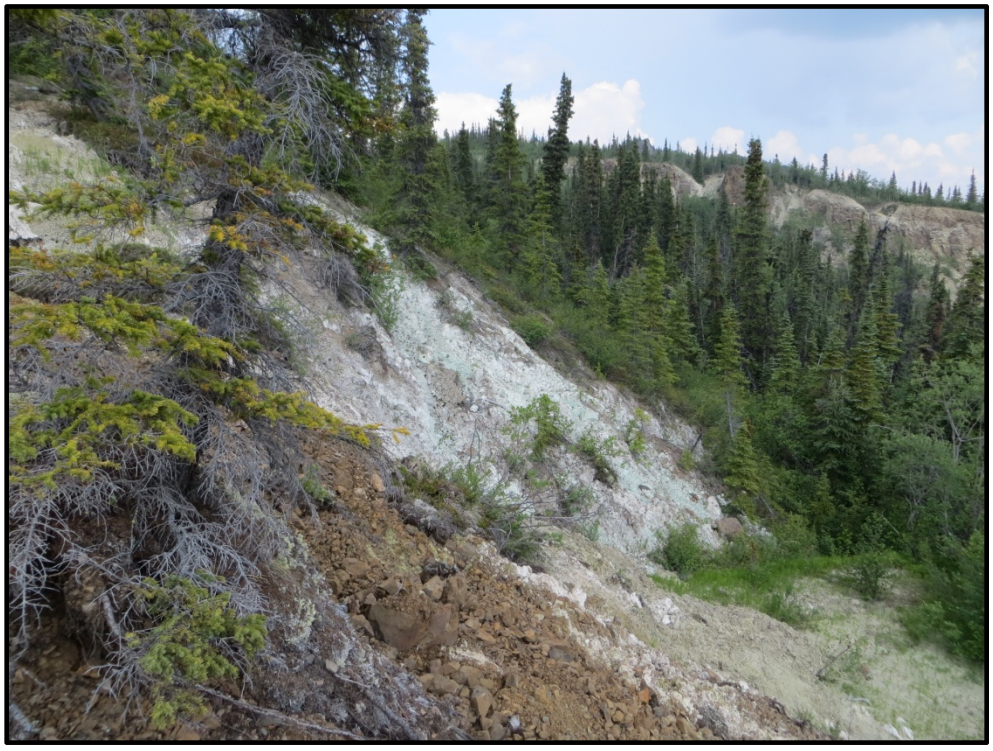
Camp 2, Soil sample site 579478. Limonite – carbonate altered andesite in frost boil, likely a fault zone.

Camp 2. Rock sample 122903.

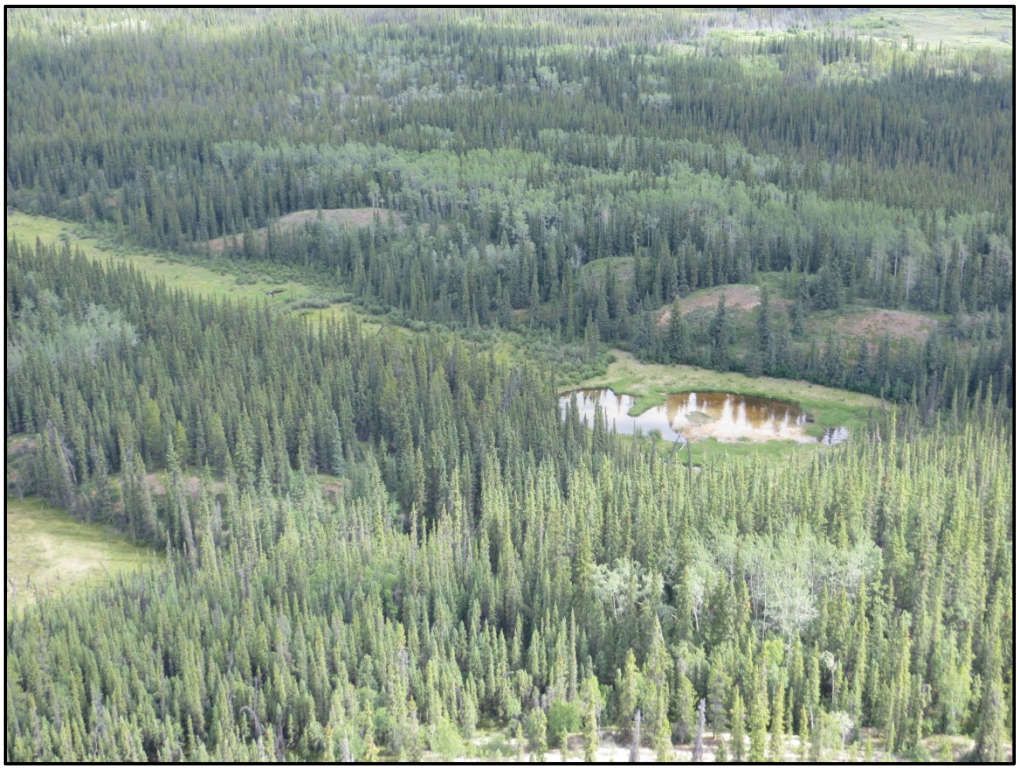
Camp 2. Looking northwest at feldspar porphyry body outlined in red. Note prominent linears on margins of porphyry and weak reddish gossan color on north side (site of qtz-jasperoid-magnetite veining and breccia.



Camp 2 North Area (Fig. 9) looking approximately west at cliff of near horizontal bedded volcanics. Rock samples 122907- 122910 at base of cliff on right side.



Camp 2 (NW side), clay (white) zone, beige tuff in foreground. soil sample site 122561, looking at outcrop station RH15123.



Camp 2 Pond Zone, looking NE, drainage from left side of pond flows NW. Low knolls are outcrops of sedimentary and altered intrusive rocks.

Appendix G

Digital Data

MAP

POCKET

Legend

- 2015 Camp Site
- MINFILE_Occur & Number

RGS_2003_105D-N_105E

Au 2003 RGS (ppb)

- 0.0 - 14.0
- 14.1 - 64.0
- 64.1 - 279.0
- 279.1 - 950.0
- 950.1 - 1810.0

Teslin 2015 soil

Au_ST43 (ppb)

- 0.4 - 2.9
- 2.9 - 7.4
- 7.4 - 21.0
- 21.0 - 42.8
- 42.8 - 100.0

- Yukon_50Kmap_INDEX
- Bedrock_Geology Contacts
- Faults
- Quartz_Claims_1M
- FN_Settlement_Lands
- Project Area

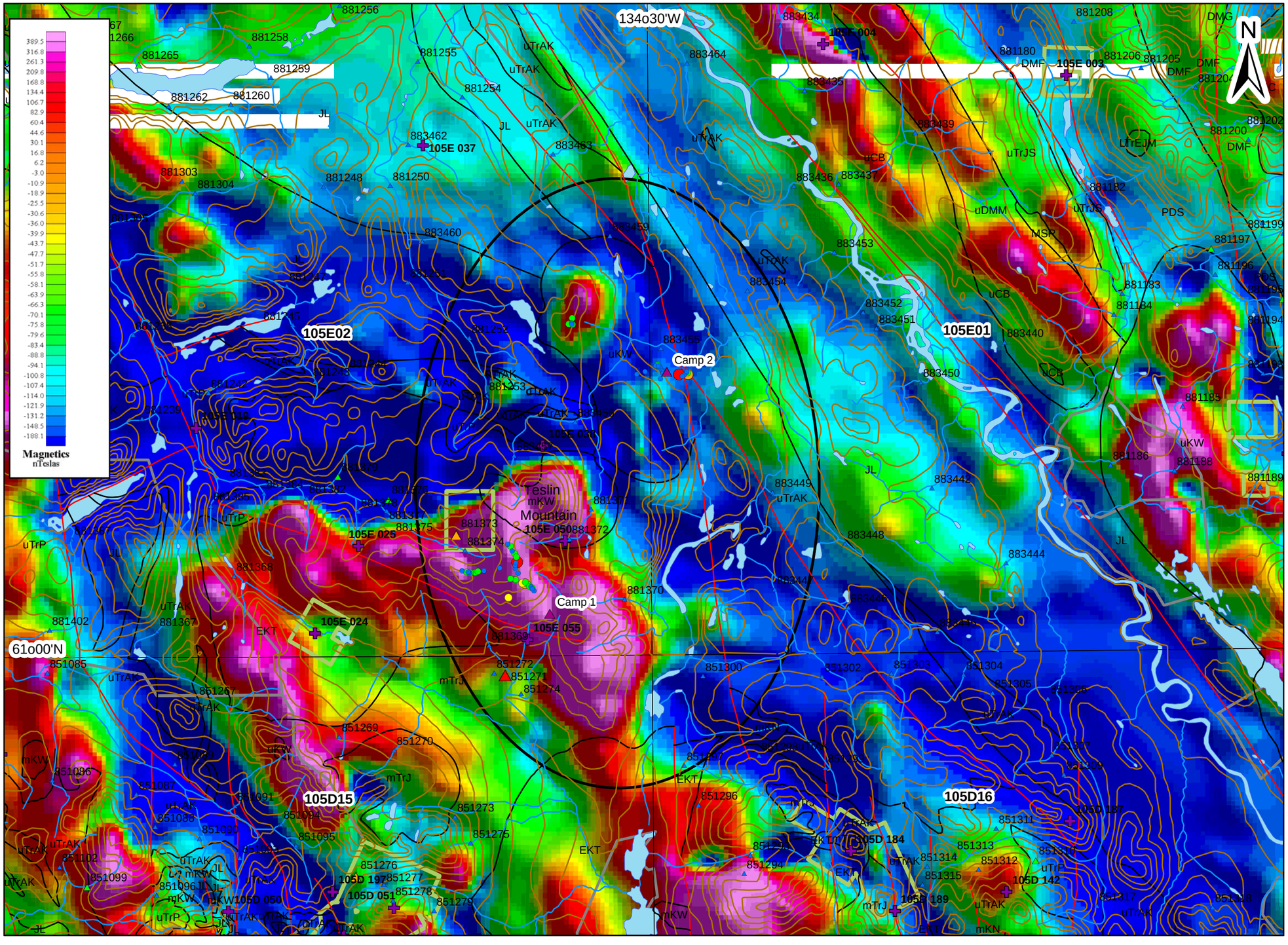
TESLIN MOUNTAIN PROJECT, YUKON

Date: Jan. 5, 2016 Drawn by: RWH

Regional Geology, Mineral Occurrences, Stream Sediment Geochemistry and Quartz Claims

Fig. 2.

Note; geology, MINFILE, RGS, Claims and Settlement Lands data from: www.geology.gov.yk.ca/



Legend

- 2015 Camp Site
- MINFILE_Occur & Number

RGS_2003_105D-N_105E

Au 2003 RGS (ppb)

- 0.0 - 14.0
- 14.1 - 64.0
- 64.1 - 279.0
- 279.1 - 950.0
- 950.1 - 1810.0

Teslin 2015 soil

Au_ST43 (ppb)

- 0.4 - 2.9
- 2.9 - 7.4
- 7.4 - 21.0
- 21.0 - 42.8
- 42.8 - 100.0
- Yukon_50Kmap_INDEX
- Bedrock_Geology Contacts
- Faults
- Quartz_Claims_1M
- FN_Settlement_Lands
- Project Area

TESLIN MOUNTAIN PROJECT, YUKON

Date: Jan. 5, 2016 Drawn by: RWH

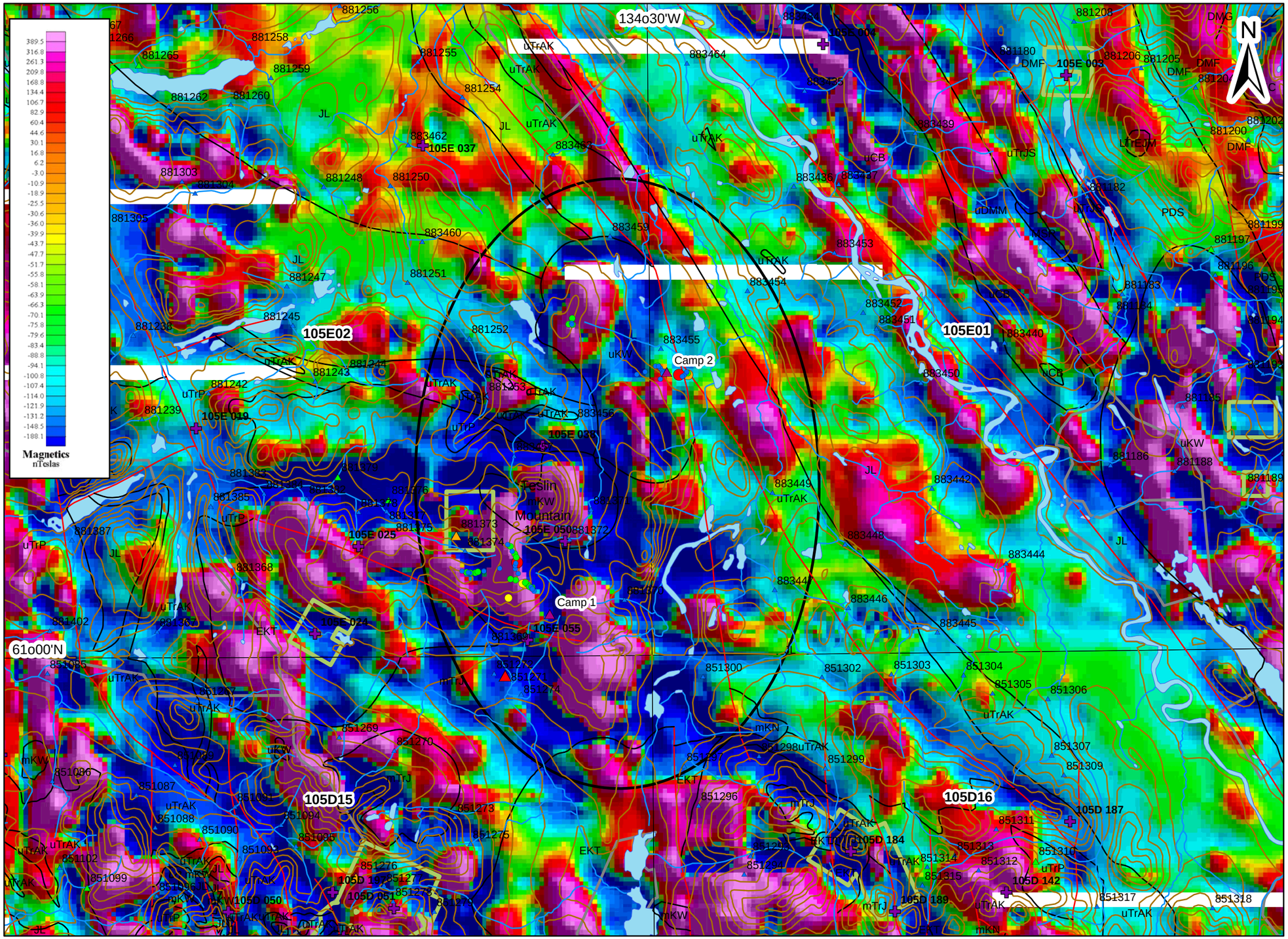
0 2,150 4,300 8,600 12,900 17,200 Meters

1:150,000

Note; geology, MINFILE, RGS, Claims and Settlement Lands data from: www.geology.gov.yk.ca/

GSC Aeromagnetics (Total Field), Regional Geology, Mineral Occurrences, Stream Sediment Geochemistry and Quartz Claims

Fig. 3.



Legend

- 2015 Camp Site
- MINFILE_Occur & Number

RGS_2003_105D-N_105E

Au 2003 RGS (ppb)

- 0.0 - 14.0
- 14.1 - 64.0
- 64.1 - 279.0
- 279.1 - 950.0
- 950.1 - 1810.0

Teslin 2015 soil

Au_ST43 (ppb)

- 0.4 - 2.9
- 2.9 - 7.4
- 7.4 - 21.0
- 21.0 - 42.8
- 42.8 - 100.0
- Yukon_50Kmap_INDEX
- Bedrock_Geology Contacts
- Faults
- Quartz_Claims_1M
- FN_Settlement_Lands
- Project Area

TESLIN MOUNTAIN PROJECT, YUKON

Date: Jan. 5, 2016 Drawn by: RWH

0 2,150 4,300 8,600 12,900 17,200 Meters

1:150,000

Note; geology, MINFILE, RGS, Claims and Settlement Lands data from: www.geology.gov.yk.ca/

GSC Aeromagnetics (1st Vertical Derivative), Regional Geology, MINFILE, Regional Geochemistry and Quartz Claims

Fig. 4.

520000 520500 521000 521500 522000 522500 523000

6767000 6766500 6766000 6765500 6765000

"NOTCH"

AND

mKW

N

QP FLOAT

1.71 gpt Au

QFP FLOAT

QP FLOAT

QH

RHY

mTrJ

Lim-carb Brx

Qtz-mag float

Qtz-mag Jasp

QP

FEL

Qtz-Jasp mag float

Qtz-Jasp-mag outcrop & float

FP

GRN Scree

122554

122555

122557

GRN

EKT

0 100 200 400 600 800 1,000 Meters

1:10,000

Note; Geology from: www.geology.gov.yk.ca/

Legend

- RH_2015_Fieldstations
- DH_2015_Fieldstations

Teslin2015rock

Au_ICP21 (ppb)

- 0.0 - 5.0
- 5.1 - 15.0
- 15.1 - 112.0
- 112.1 - 194.0
- 194.1 - 823.0

Teslin2015soil

Au_ST43 (ppb)

- 0.4 - 2.9
- 2.91 - 7.4
- 7.41 - 21.0
- 21.1 - 42.8
- 42.81 - 100.0

- Bedrock_Geology Contacts
- Faults
- fspar_porph_main_body

Symbols

- recessive linear
- geologic contact, defined, assumed
- limit of outcrop

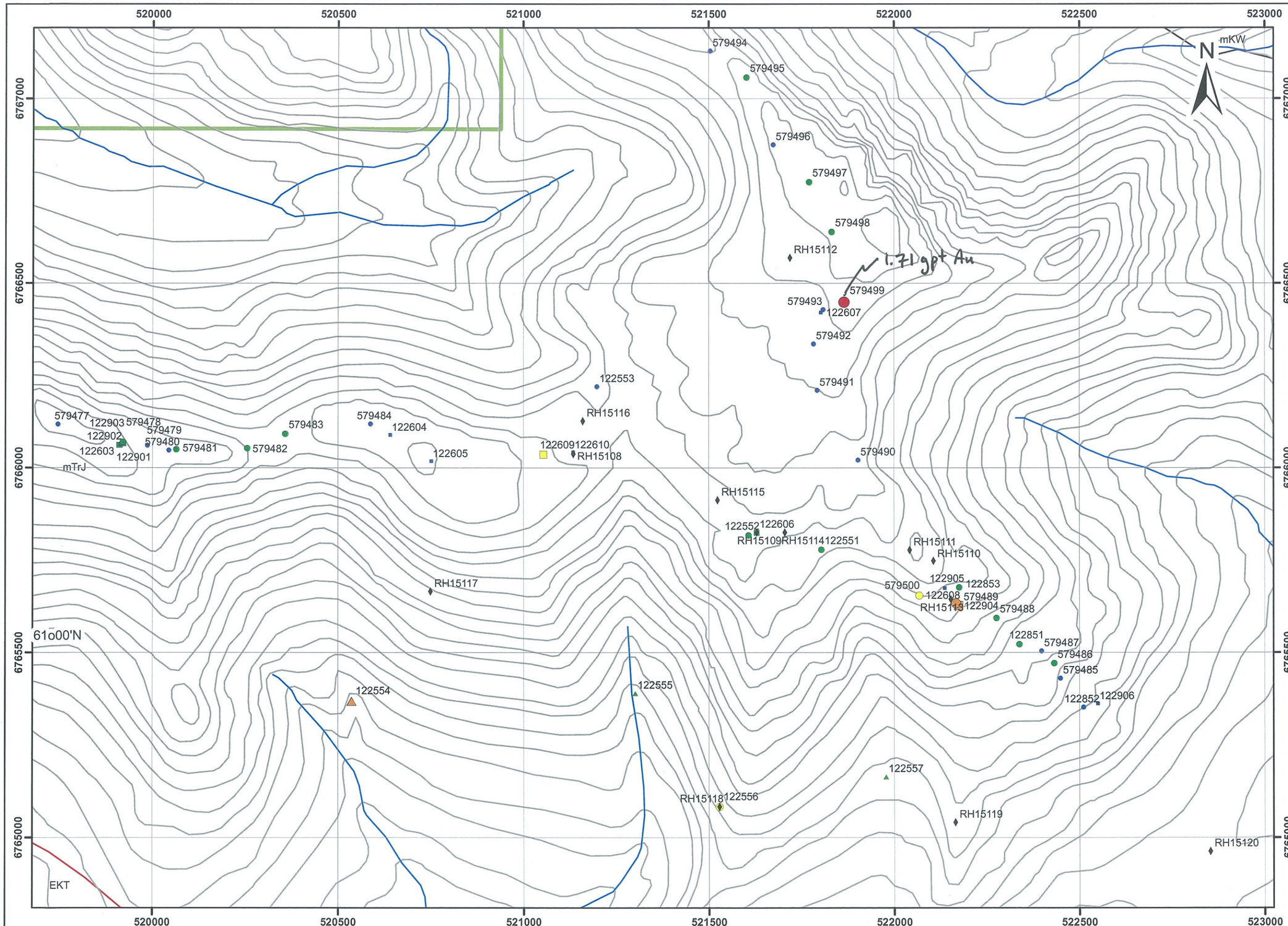
Note: See Figure 10 for geological Legend

TESLIN MOUNTAIN PROJECT, YUKON

Date: Jan. 7, 2016 Drawn by: RWH

CAMP 1 Area; 2015 Geology & Compilation

Fig. 5



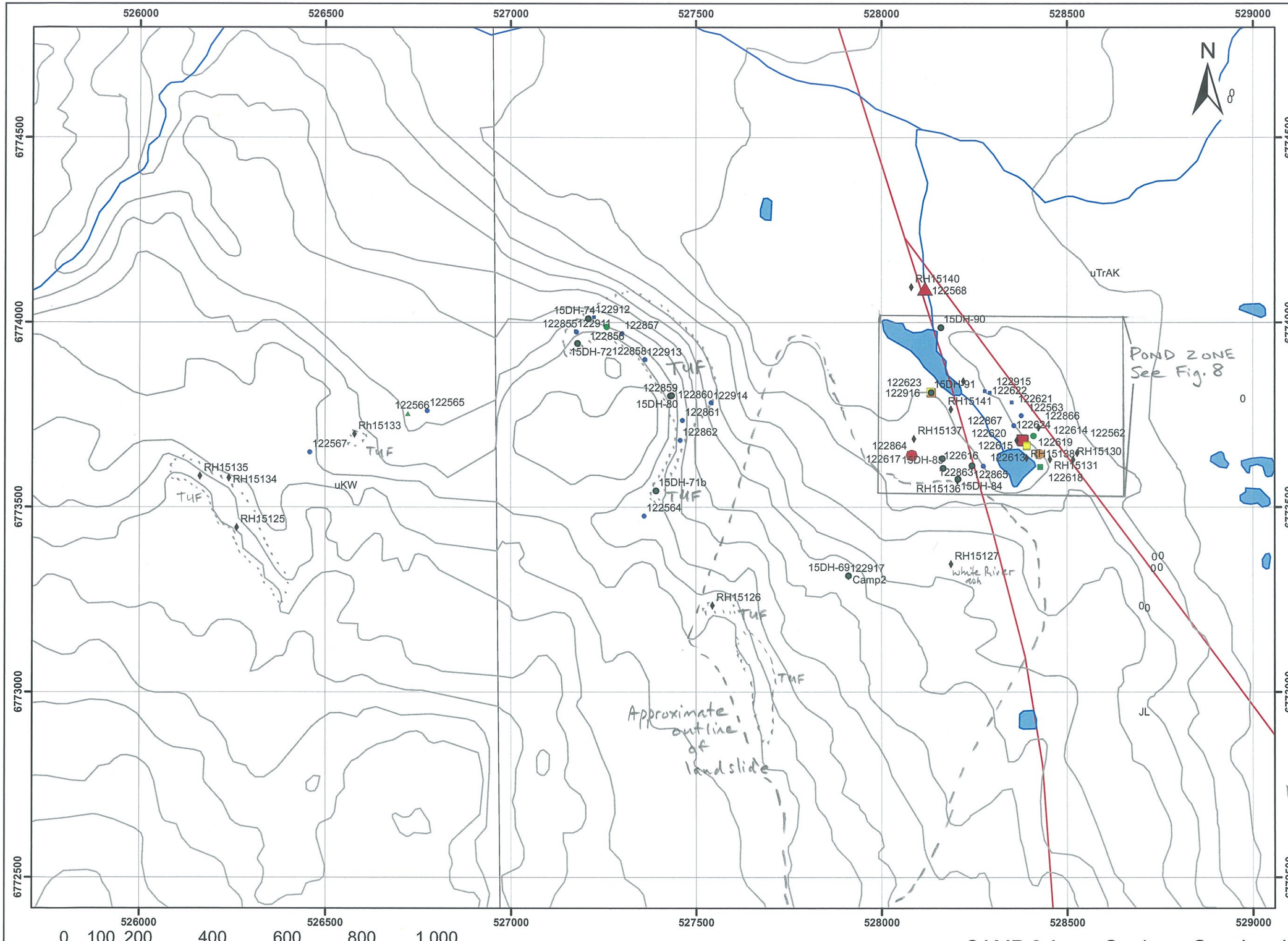
TESLIN MOUNTAIN PROJECT, YUKON

Date: Jan. 7, 2016 Drawn by: RWH

Note; Geology and Claims from: www.geology.gov.yk.ca/

CAMP 1 Area; Geology, Geochemical Sample Numbers
Gold Analytical Results and Fieldstations

Fig.6



Note: See Fig. 10 for Geology Legend

TESLIN MOUNTAIN PROJECT, YUKON

Date: Jan. 7, 2016 Drawn by: RWH

CAMP 2 Area; Geology, Geochemical Sample Numbers
Gold Analytical Results and Fieldstations

Fig. 7

528000

528500

6774000

6774000

N

15DH-90
SS

RH15139
CON ? Possibly fault brx

SS

245
65

122622

122915

INT

122916

15DH-91

122623

INT, carb
QTZ STKWK

122621
INT, carb, cc

RH15141
SS

uTrAK

uKW

122867
INT

122563

RH15128
LST

Approximate outline of wetland

640 ppb Au

823 ppb Au

JL

122866

RH15132

122615

122624

1/2 Qv, veinlet

INT

75

122619

122620

122614

254

52

50

280

Soil
77.8 ppb Au

RH15137
SHL

Rock
187 ppb Au

122

122864

122617

SHL

Sil brx zone
cut by Qv

045
90
6" Qv

12261615DH-86
SS

122562

90

122613

Qv
100

SS

RH15138

RH15131

INT
carb, cc

070
90
Qv

RH15129
LST

RH15130
LST

15DH-87

122865

SS, carb

15DH-85
SS

122618
INT

122868

15DH-84

SS

RH15136

TUF
LAND SLIDE

POND
ZONE

528000

528500

0 20 40 80 120 160 200
Meters

1:2,000

Note; Geology from: www.geology.gov.yk.ca/

Legend

- RH_2015_Fieldstations
- DH_2015_Fieldstations

Teslin2015rock

Au_ICP21 (ppb)

- 0.0 - 5.0
- 5.1 - 15.0
- 15.1 - 112.0
- 112.1 - 194.0
- 194.1 - 823.0

Teslin2015soil

Au_ST43 (ppb)

- 0.4 - 2.9
- 2.91 - 7.4
- 7.41 - 21.0
- 21.1 - 42.8
- 42.81 - 100.0

- Bedrock_Geology Contacts
- Faults

Symbols
- limit of outcrop
- 90 veining, strike & dip
- joint, strike, vertical dip
- 50/280 joint, strike & dip
- glacial direction

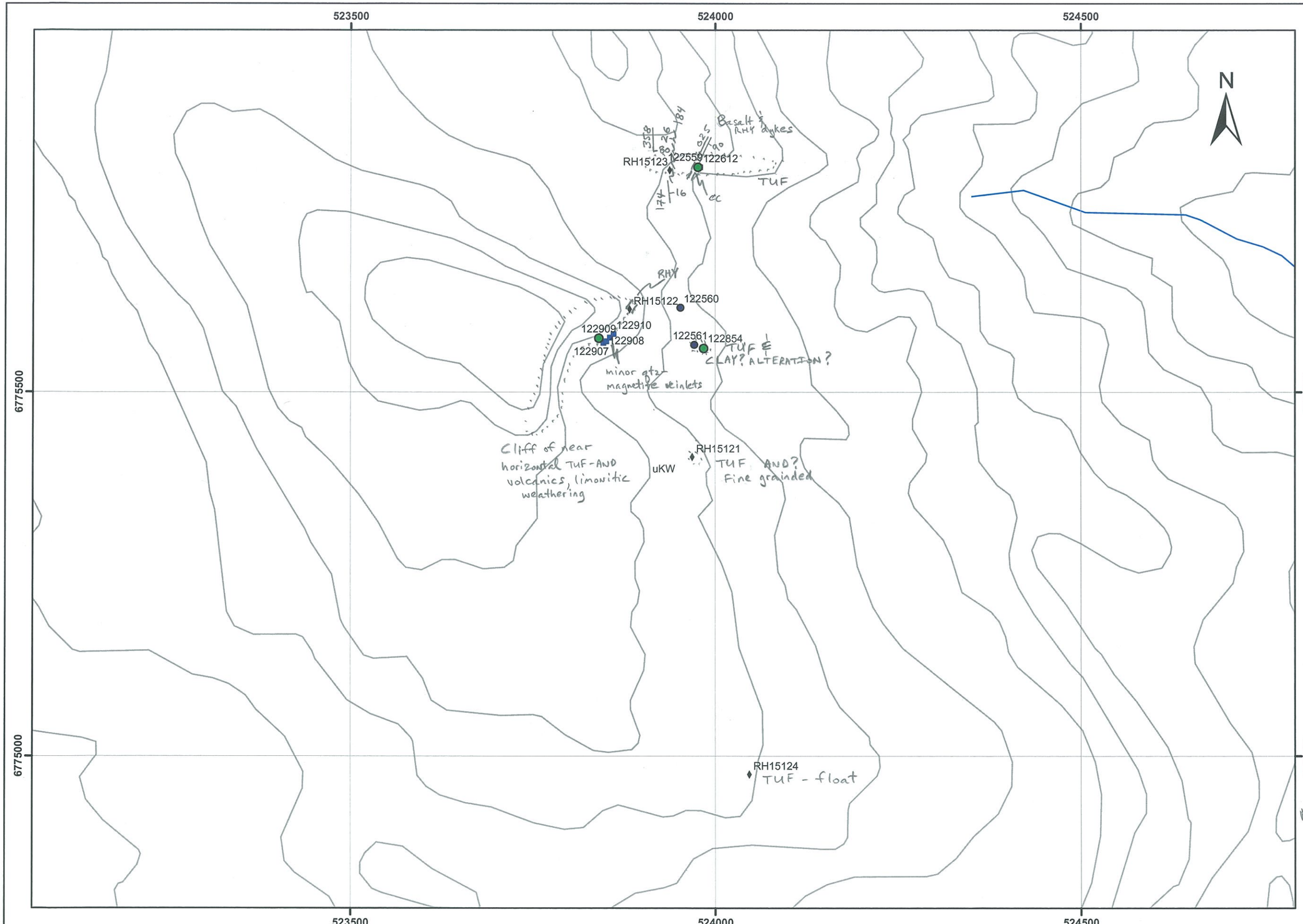
Note: See Fig. 10 for geology legend

TESLIN MOUNTAIN PROJECT, YUKON

Date: Jan. 7, 2016 Drawn by: RWH

CAMP 2 Area (East); Geology, Geochemical Sample Numbers
Gold Analytical Results and Fieldstations

Fig. 8



Legend

- RH_2015_Fieldstations
- DH_2015_Fieldstations

Teslin2015rock

Au_ICP21 (ppb)

- 0.0 - 5.0
- 5.1 - 15.0
- 15.1 - 112.0
- 112.1 - 194.0
- 194.1 - 823.0

Teslin2015soil

Au_ST43 (ppb)

- 0.4 - 2.9
- 2.91 - 7.4
- 7.41 - 21.0
- 21.1 - 42.8
- 42.81 - 100.0

- Bedrock_Geology Contacts
- Faults

Symbols

- limit of outcrop
- 174/16 bedding, strike & dip
- 025/90 veining, strike & dip
- 26/184 Fault zone, strike & dip
- 358/80 joint, strike & dip

Note: See Fig. 10 for geology legend

TESLIN MOUNTAIN PROJECT, YUKON

Date: Jan. 7, 2016 Drawn by: RWH

Note; Geology from: www.geology.gov.yk.ca/

CAMP 2 Area (North); Geology, Geochemical Sample Numbers
Gold Analytical Results and Fieldstations

Fig. 9

Geological Legend

Late Cretaceous

uKw	Open Creek Formation; dacite flows, tuffs, basalt dyke, sandstone

Early Cretaceous

mKw	granodiorite, quartz diorite
EKT	qranite, granodiorite, quartz monzonite, quartz monzodiorite

Jurrasic

JL	Laberge Suite; Richthofen Formation; shale, conglomerate, limestone, siltstone, porphyry flows

Upper Triassic

uTrAK	Lewes River; Aksala Formation; shale, conglomerate, limestone, siltstone

Middle Triassic

mTrJ	Joe Mountain Formation; basalt, andesite, microdiorite flows, diamictite, gabbro, diorite

Lithologies

Ignieous Rocks

AND	Andesite; green, fine grained volcanic flow and related rocks
FEL	Felsic dyke rock, light colored, fine grained; +/- quartz, +/- feldspar phyric
GRN	Granitoid; medium grained
INT	Altered igneous rocks of unknown type (Camp 2 - Pond Zone); medium grained, light colored, intermediate - mafic, possibly gabbroic.
QP, QFP, QHP	Prophyritic felsic intrusives, dyke; QP: Quartz porphyry; QFP: Quartz-feldspar porphyry; QHP: quartz -hornblende porphyry
RHY	Rhyolite, fine grained, may be flow banded
TUF	Tuffaceous rocks, Lapilli, dacitic - andesitic

Sedimentary Rocks

CON	Conglomerate
LST	Tan weathering limestone
SS	Tan weathering sandstone

Abbreviations

carb	carbonate alteration, calcite, dolomite
cc	calcite veining
qtz	qtz veining
QV	quartz veining
Sil	siliceous
brx	brecciated

Figure 10. Geological Legend, Teslin Mountain Project.