

# **GEOLOGICAL & GEOCHEMICAL ASSESSMENT REPORT**

for work performed on the

## **TOSHINGERMANN & KOOSE-KOOSE PROPERTIES**

Koose 1 – 8	YC 94658 – YC 94665
KR North 1 – 114	YD 30801 – YD 30914
KR Pan 1 – 48	YD 30915 – YD 30962
KR Ron 1 – 56	YD 30963 – YD 31018
Yarrow 1 – 4	YC 94666 – YC 94669
KR 1 – 14	YC 26710 – YC 26723
KR 17 – 32	YC 26724 – YC 26739
T 7 – 23	YE 51027 – YE 51043
K 1 – 48	YE 51241 – YE 51288
K 59 – 60	YE 51299 – YE 51300
K 61 – 84	YE 51001 – YE 51024

NTS 115G13 & 14

Latitude 61° 50' 19" N; Longitude 139° 29' 3" W

in the

Whitehorse Mining District  
Yukon Territory

prepared by:

**SCOTT BERDAHL  
& STEVEN M. D. SCOTT**

Claims owned by:

**RON S. BERDAHL  
& 18526 YUKON INC.**

Work performed:

JUNE 25 – JULY 7, 2012

## CONTENTS

Introduction	2
Work History . . . . .	3
Property Information	5
Location and Access	5
Physiography . . . . .	9
Regional Geology	10
Local Geology	11
Survey Description . . . . .	13
Results	16
Interpretation and Conclusions	31
References . . . . .	34
Statement of Expenditures	35
Statement of Qualifications	36

### Figures

1. Toshingermann Property Location . . . . .	6
2A. Toshingermann Claim Map	7
2B. Koose-Koose Claim Map	8
3A. Yarrow Soil Sample Locations 2012 . . . . .	14
3B. Koose Soil Sample Locations 2012	15
4A-1. Yarrow Soils Grid 2012 – Gold	18
4A-1. Yarrow Soils Grid 2012 – Arsenic . . . . .	19
4A-1. Yarrow Soils Grid 2012 – Antimony	20
4A-1. Yarrow Soils Grid 2012 – Silver	21
4A-1. Yarrow Soils Grid 2012 – Zinc . . . . .	22
4A-1. Yarrow Soils Grid 2012 – Lead	23
4A-1. Yarrow Soils Grid 2012 – Cadmium	24
4A-1. Yarrow Soils Grid 2012 – Barium . . . . .	25
4B-1. Koose Soils Grid 2012 – Gold	26
4B-2. Koose Soils Grid 2012 – Arsenic	27
4B-3. Koose Soils Grid 2012 – Antimony . . . . .	28
5A. Toshingermann Rock Samples 2012	29
5B. Koose-Koose Rock Samples 2012	30

### Tables

1. Claim Tenure Information . . . . .	5
---------------------------------------	---

### Appendices

A. ACME Assay Results
-----------------------

## INTRODUCTION

The contiguous “Toshingermann” and “Koose-Koose” gold properties (Yukon MINFILES 115G 106 and 107, respectively) are located in the southwestern Yukon Territory and are owned by Ron Berdahl and his company, 18526 Yukon Inc. Two soils grids—comprising 481 total soil samples—and several days of prospecting and geological observation were performed on the properties in late June and early July, 2012.

In the Yarrow area on the northern Toshingermann property a soils grid of 398 samples was established to trace the source of gold and silver mineralization previously found in float, as well as to test the geochemistry overlying potential conductive structures revealed by a 2009 VLF survey. Two zones of elevated to anomalous geochemistry emerged: the “Yarrow,” a broad zone of high gold, silver, arsenic and antimony values overlying a mountain ridge and possibly open to the east of the survey, and the “Peska,” an approximately one kilometer WNW-ESE trending zone, open in both directions, of elevated and highly anomalous gold, silver, antimony and arsenic as well as lead, zinc cadmium and barium values crosscutting the southern corner of the survey.

Prospecting returned gold values of up to 2.95 g/t Au in the Yarrow zone, lower than samples found there in a previous year, but also located gold-bearing specimens of the Yarrow area’s characteristic breccia across a total distance of 1.2 km. A total of 86 rock samples were collected from across the two properties.

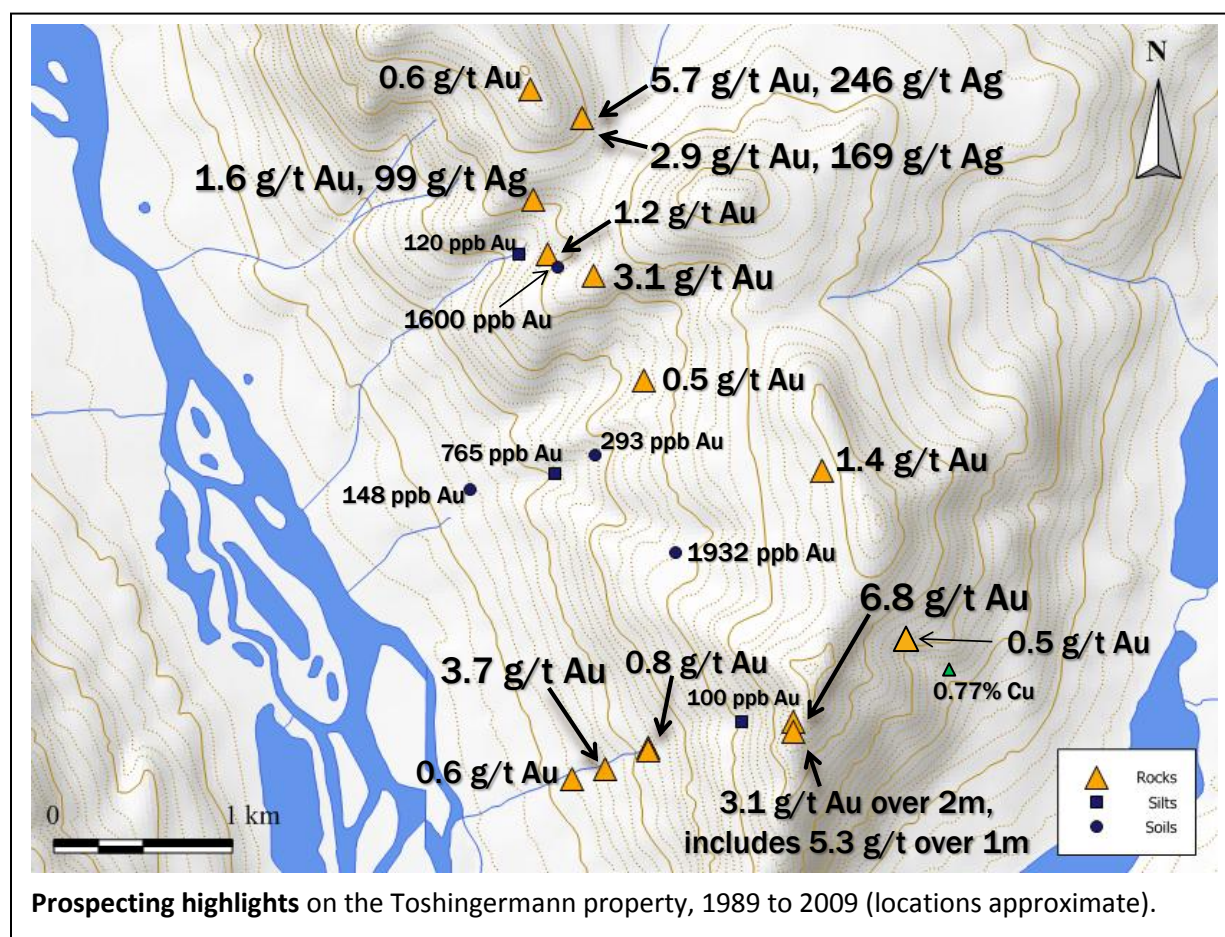
On the Koose-Koose property, 83 samples were taken from seven soil lines in order to test the open southeast edge of the WNW-ESE trending “Koose-Koose” zone delineated in 2011 (Berdahl, 2011). Anomalous arsenic and antimony, and gold values to 5761 ppb Au were returned from soils along the trend in this year’s survey, extending the linear anomaly 500 m to a known distance of roughly 1.6 km. This zone remains open along strike in both directions, and its width has yet to be established.

Work in 2012 provides further evidence of an extensive gold system on the Toshingermann and Koose-Koose properties, as well as the potential for Zn-Pb-Ag VMS mineralization on Toshingermann. Target-specific and property-scale follow-up work is recommended for both properties.

## WORK HISTORY

Ron Berdahl initially staked claims in the Toshingermann and Moose-Moose areas in 1990, after following up on anomalous gold, arsenic and antimony concentrations reported in stream sediment samples collected by the Geological Survey of Canada. No prior work or mineral claims were known in this area, and no evidence of previous mineral exploration activity has since been found.

Initial prospecting in 1989 and 1990 consisted of geological and geochemical sampling and general mapping, leading to several discoveries. On the Toshingermann property gold was discovered in a graphitic shear zone along “Malachite” Creek. A one meter chip sample through the shear graded 5347 ppb Au, while the adjacent meter returned 808 ppb Au and a later grab sample taken by Noranda Mines from nearby in the same zone ran 6830 ppb Au. Additional prospecting that year and during several years throughout the 1990s and 2000s led to the discoveries of anomalous rock, soil and silt samples across much of the property and the surrounding area, including what is now the Moose-Moose property (Hulstein, 1992; Berdahl, 1995; Berdahl, 1999; Berdahl 2005 & unpublished data).





In 1991, Noranda performed a brief property examination to follow up on Berdahl's results, and ran several soil lines down the mountainside on what is now the Koose-Koose area (originally the MPS claims). Results were encouraging, with anomalous soil samples to 470 ppb Au over a broad area (included in Hulstein, 1992), but Noranda did no further work here or elsewhere on the Toshingermann property.

In 2004, Ron Berdahl established a grid of 499 soil samples on the Toshingermann property between known mineralization in the Malachite Creek and Yarrow areas. Samplers encountered thick layers of frozen volcanic ash and organics which hampered sample quality. Nonetheless, point anomalies of up to 1.932 g/t Au in soil were encountered, and a piece of quartz float collected from the grid returned 1.44 g/t Au (Berdahl, 2005). In light of this year's results, the 2004 grid may have detected a southeasterly extension of the "Peska" trend.

A brief VLF survey conducted by the author in 2009 partially overlaps the 2012 soils survey, and revealed multiple potential conductors (Berdahl, 2010) running parallel to and correlating spatially with the 2012 Peska trend. Berdahl and the author re-staked the Koose-Koose area at the same time. A bear attack in the headwaters of Pass Creek cut the 2009 VLF survey short, and resulted in the death of the Berdahl family dog (who likely saved the author from mauling).

The author established a soils grid in the Koose-Koose area in 2011, revealing a kilometer-long gold-arsenic anomaly along one edge of the survey (Berdahl, 2011), which remains open and has been lengthened by this year's survey.

## PROPERTY INFORMATION

The Toshingermann property, together with the contiguous Moose-Moose property, comprises 351 mineral claims (Figures 2A & 2B). All claims are currently registered with the Whitehorse Mining Recorder in the names of Ron S. Berdahl and 18526 Yukon Inc. (Table 1). The 2012 prospecting and geochemical program was conducted and paid for by 18526 Yukon Inc.

**Table 1** - Claim Tenure Information

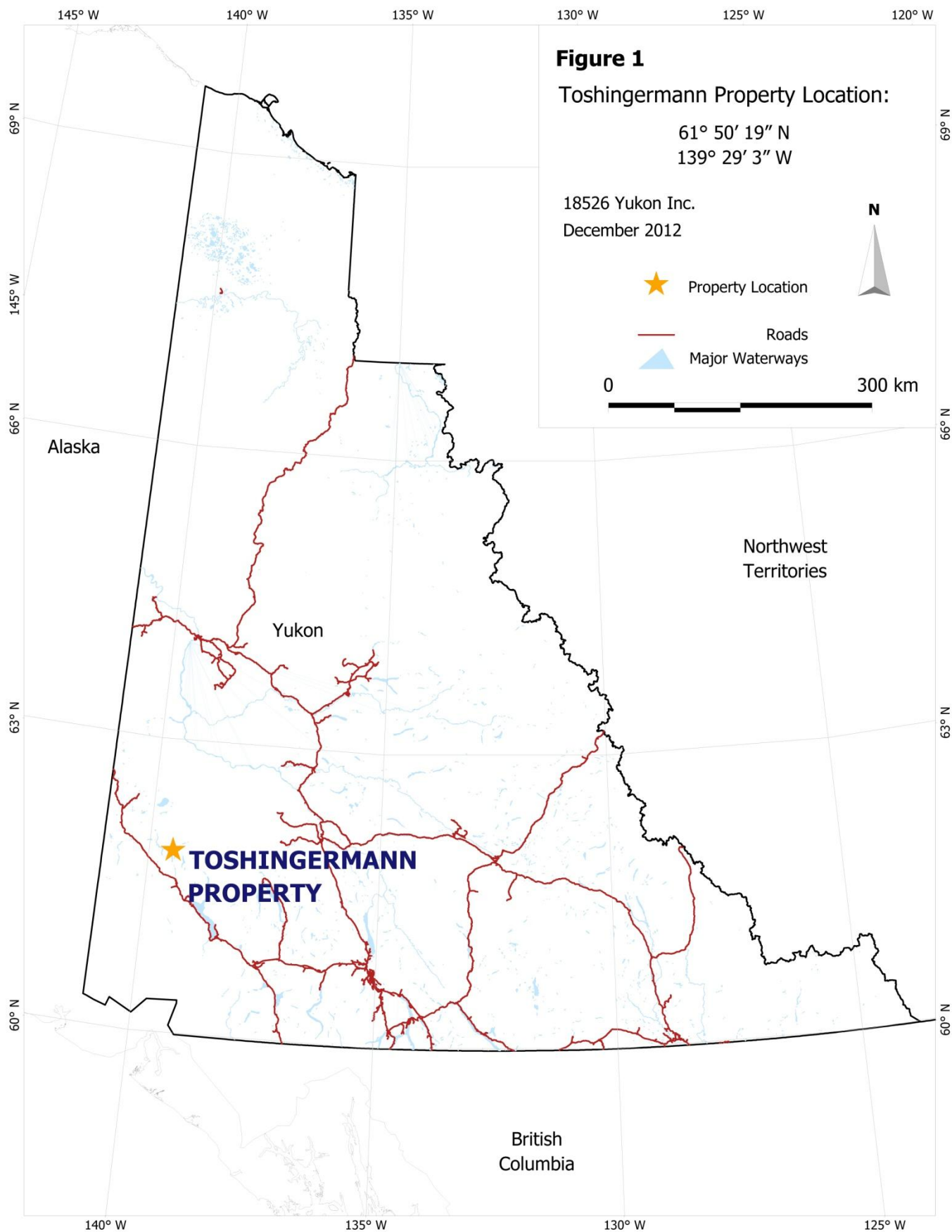
<u>Claim Name</u>	<u>Grant Numbers</u>	<u>Owner</u>
KR 1 - 14	YC26710 - YC26723	Ron S. Berdahl - 100%
KR 17 - 32	YC26724 - YC26739	Ron S. Berdahl - 100%
Yarrow 1 - 4	YC94666 - YC94669	Ron S. Berdahl - 100%
Koose 1 - 8	YC94658 - YC94665	18526 Yukon Inc. - 100%
KR North 1 - 114	YD30801 - YD30914	Ron S. Berdahl - 100%
KR Pan 1 - 48	YD30915 - YD30962	Ron S. Berdahl - 100%
KR Ron 1 - 56	YD30963 - YD31018	Ron S. Berdahl - 100%
T 7 - 23	YE51027 - YE51043	18526 Yukon Inc. - 100%
K 1 - 48	YE51241 - YE51288	18526 Yukon Inc. - 100%
K 59 - 60	YE51299 – YE51300	18526 Yukon Inc. - 100%
K 61 - 84	YE51001 - YE51024	18526 Yukon Inc. - 100%

## LOCATION AND ACCESS

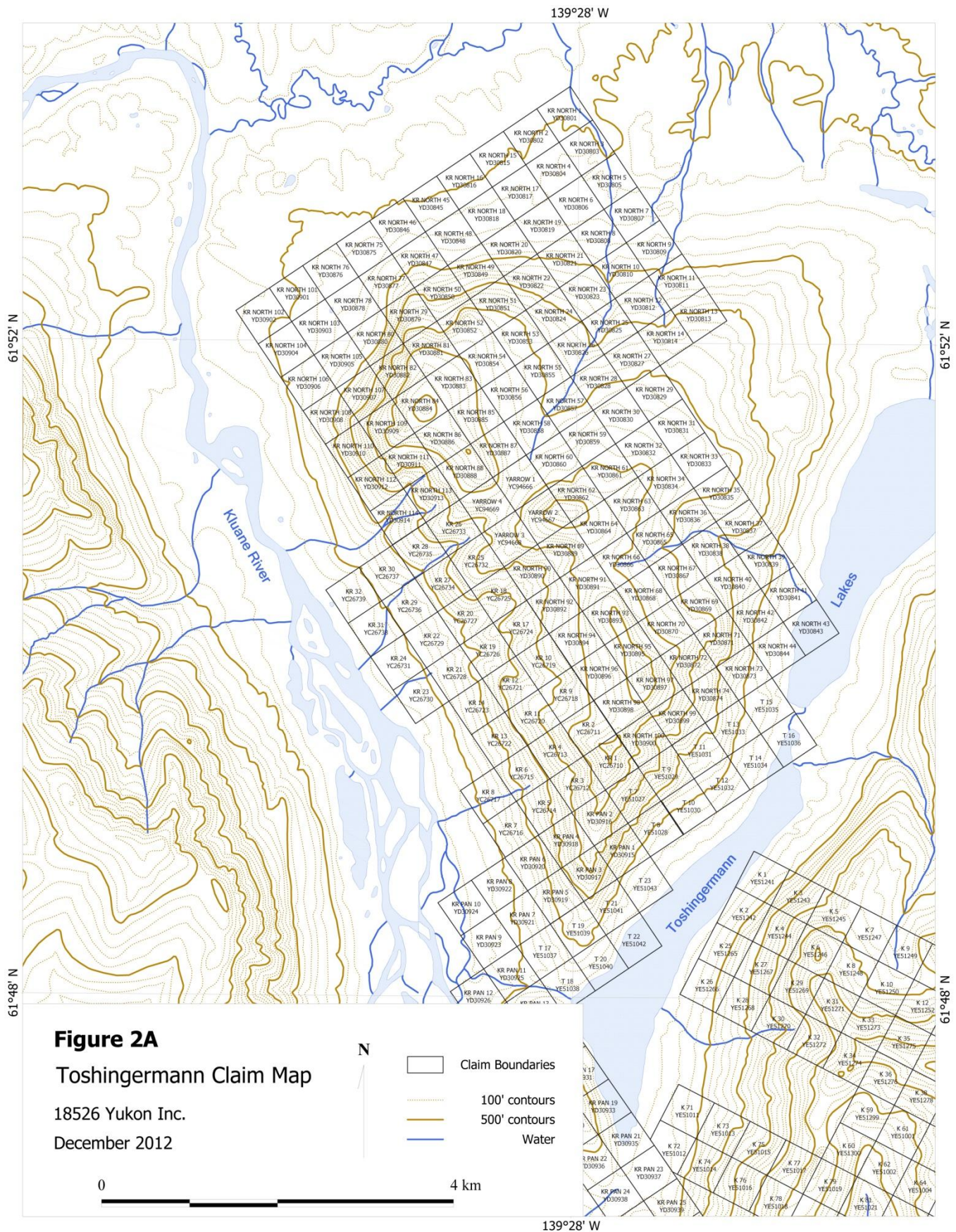
The Toshingermann property is located 265 km northwest of Whitehorse in the southwestern Yukon (Figure 1), latitude 61° 50' N longitude 139° 29' W, on NTS mapsheets 115G13 & 115G14. The contiguous Moose-Moose claims lie immediately to the southeast, between Tincup and Toshingermann Lakes on 115G14. The Alaska Highway runs approximately 20 km to the south of the property.

Alpine areas on the property are generally accessible by helicopter within a few hundred meters, and several natural landing sites exist below treeline in muskeg clearings and along the Kluane River. Tincup Lake, the Toshingermann Lakes and the Kluane River are all float plane accessible. Boats and barges can also access the property via the Kluane River from the Alaska Highway. An old tote road, presumably overgrown, runs along the east side of the Kluane River and the western edge of the Toshingermann property.

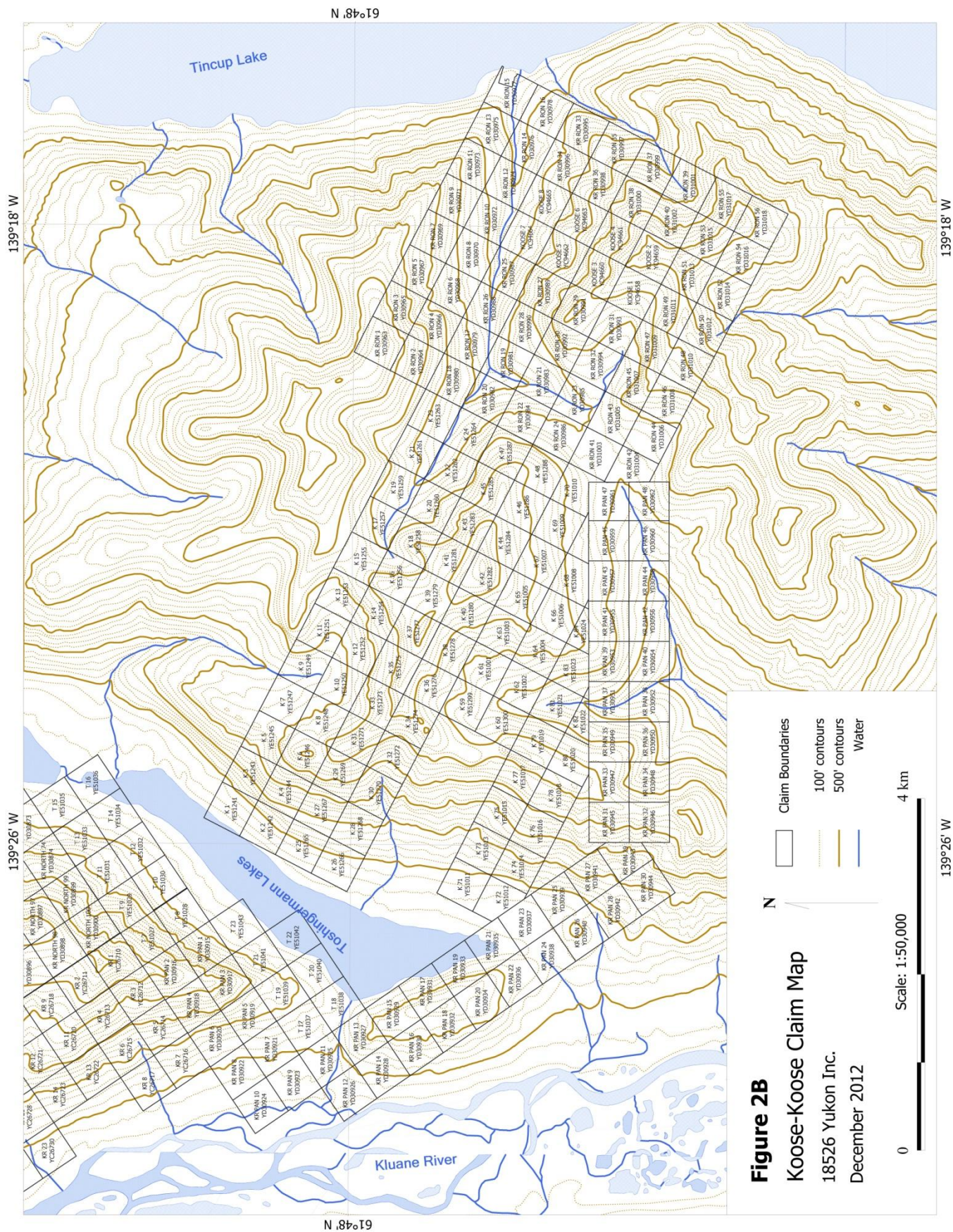
Access to the 2012 field program was provided by Horizon Helicopters using an ASTAR helicopter. Personnel were housed in the old Kluane Wilderness Village houses at mile 1118 of the Alaska Highway.













## PHYSIOGRAPHY

The Toshingermann property is located in a formerly glaciated, mountainous region of the Kluane Plateau. Elevations in the area range from below 700 m (2300 ft) in the broad valley bottoms to over 1950 m (6400 ft) along the highest ridges. The property itself spans a cluster of unnamed mountains in the northwestern Ruby Range, and is cut by three ribbon lakes: the Toshingermann Lakes separate the Toshingermann and Moose-Moose properties, and Tincup Lake bounds the east end of the Moose-Moose claim block. The north-flowing Kluane River runs along the western edge of the property.

Summers in the area are generally warm and relatively dry, though conditions can vary considerably hour-by-hour and throughout the season. Mid and late summer temperatures peak in the high 20's to just over 30 °C, though average daily highs are generally 15-20 °C. At higher altitudes dustings of snow or hail can occur at any time of year. Afternoon showers are common, and while annual precipitation amounts to about 30 cm, wet conditions can last for days.

Winters are long and cold, with snow arriving at higher altitudes in late August or September and lasting into May and June. Winter temperatures on the Kluane Plateau can dip solidly below -40 °C.

Treeline varies in elevation on different slopes, but generally extends no higher than 1280 m (4200 ft). Alder, dwarf birch ("buckbrush") and willows are common above treeline to 1675 m (5500 ft), above which vegetation consists primarily of mosses, grass, lichen and alpine flowers. Below treeline firs grade into old growth spruce forests, often underlain by thick deposits of White River volcanic ash. Permafrost is prevalent across much of the property.



Much of the Toshingermann property and surrounding area is covered by a layer of permanently frozen ash, up to several meters thick in places, from a volcanic eruption at nearby Mt. Churchill circa 800 AD. This layer and underlying loess make soil sampling and geochemical interpretation at Toshingermann difficult, and in places likely led to falsely negative and muted results.



## **REGIONAL GEOLOGY (*by Steve Scott*)**

The rocks underlying this part of southwestern Yukon have been assigned to two terranes: the Yukon-Tanana terrane (Murphy 2010, Scott 2012) and the Chulitna terranes (Murphy 2010). Recent work by Scott (2012) has identified three polydeformed, polymetamorphosed packages of rocks in this part of the Yukon-Tanana terrane. The “lower package” is correlated with the pre-Late Devonian Snowcap assemblage. The Snowcap assemblage consists of interlayered psammite, marble and graded psammitic schist. The “middle package” is correlated with the Finlayson assemblage, consisting of quartzite, pebble to cobble metaconglomerate and calcite marble. The “upper package” is correlated with the Klinkit assemblage. The Klinkit assemblage consists of metavolcanic schist and amphibolite, calcite marble and layered psammite, psammitic schist and schist.

The Chulitna terrane consists of mafic and ultramafic rocks of the Late Triassic Doghead assemblage (Murphy et al. 2011). The Chulitna terrane is interpreted to have been thrust-over the Yukon-Tanana terrane during the Jurassic based on regional-scale crosscutting relationships (Murphy 2010, Scott 2012).

Two plutonic suites intrude the Yukon-Tanana terrane of southwestern Yukon. The 99-105 Ma Nisling Range Granodiorite (Murphy 2010) and the ca. 64 Ma Ruby Range Batholith (Israel et al. 2011). Both of these plutonic suites are younger than the last generation ductile deformation and older than regional-scale faulting of Yukon-Tanana terrane rocks in southwestern Yukon. A gently to moderately dipping, southeast striking penetrative foliation (S2), and associated upper greenschist to lower amphibolite facies metamorphism affects rocks of the Yukon-Tanana terrane (Scott 2012). This fabric is interpreted to reflect ductile deformation of Yukon-Tanana terrane rocks during thrusting of the Chulitna terrane over the Yukon-Tanana terrane (D2, Scott 2012). Evidence for at least one earlier deformation event is preserved in D2 fold hinges of Yukon-Tanana terrane rocks, both as an older foliation and as rootless isoclinal folds (Scott 2012).

Regional-scale dextral strike-slip faults crosscut regional-scale folds and offset both the Nisling Range and Ruby Range batholiths. The age of these dextral strike-slip faults is poorly constrained. Regional-scale mapping by Murphy (2010) suggests these faults may have been active during emplacement of the Ruby Range Batholith (ca 63 Ma).

## LOCAL GEOLOGY (by Steve Scott; photos & captions by Scott Berdahl)

### ***Koose-Koose Area:***

The Koose-Koose zone is located on the south face of 32 Creek, between Tincup Lake and Toshingermann Lakes. Pre-Late Devonian Snowcap assemblage and Late Mississippian to Permian Klinkit assemblages underlie the Koose-Koose area. Stratigraphy is east-northeast striking and dips moderately to the south-southwest.

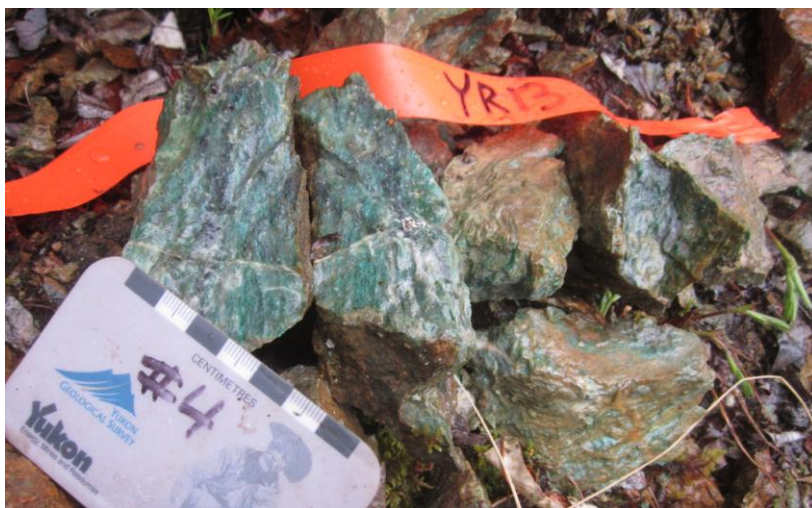
A moderately dipping to the southeast normal fault, the Marble Top fault, juxtaposes the Klinkit and Snowcap assemblages in the Koose-Koose zone (Scott 2012). An unconsolidated fault gouge, up to 15 mm true thickness, and meter-scale, fault bound blocks characterize the fault contact.

The footwall consists of calcite marble and ankeritic calc-schist of the Snowcap assemblage. Marble and calc-schists in the footwall are ankeritic, with sericite, pyrite and brown weathering mica (Clintonite?) throughout. The hanging wall consists of Act-Chl metavolcaniclastic schist and rare chloritic psammitic schist correlated with the Klinkit assemblage. A diorite breccia/dike exposed near the fault in the hanging wall crosscuts all ductile deformation. At present its relationship to brittle deformation is unclear.

### ***Tosh Area:***

The Tosh zone consists of beige to buff tan weathering, layered  $\pm\text{Ms}\pm\text{Bt}\text{-Qtz-Fs}$  psammite,  $\pm\text{Gt-Ms-Bt}$  schist and white to grey weathering Cal marble correlated with the Snowcap assemblage.

Layering is predominantly southeast striking and dips moderately to the southwest. Less commonly, layering strikes east and dips steeply to the south. This change in orientation is interpreted to reflect a map scale fold with a northeast vergent geometry. The axial plane of this map-scale fold is oriented 155/19 [SW] and the fold hinge of this map-scale fold is oriented 12@298.



**Mariposite alteration**, elsewhere associated with orogenic gold systems, along Toshingermann's "Malachite" Creek – erroneously named for the prevalence of the green chromium mica.



**Abundant, altered granodiorite float** with Snowcap xenoliths (61° 49' 41" N, 139° 27' 36" W), observed in 2012 north of the Tosh zone, suggests an underlying intrusive stock on the property, likely a distal member of the Nisling Range Granodiorite.

In unconformable contact with the layered psammite, schist and marble package is at least one foliated, S2, feldspar porphyry body. This feldspar porphyry, and associated chlorite schists are tentatively correlated with the Klinkit assemblage. The significance and extent of this feldspar porphyry is uncertain at this time.

Northwest-southeast striking dextral strike-slip faults are prevalent in the Tosh zone, crosscutting all foliations. The discovery outcrop in the Tosh zone may be related to these dextral

strike-slip faults, based on the shear orientation of a nearby outcrop.

Mesoscopic fracture sets, oriented 045/70 [SE] and 165/45[SW], with decimeter-scale spacing, are encountered throughout the Tosh zone. These fracture sets are mutually crosscutting, and locally have sulphide selvages on the shear fracture plane.

### ***Yarrow Area:***

The Yarrow area consists predominantly of grey weathering psammite and Gt±Ms±Bt schist correlated with the Snowcap assemblage. The Yarrow zone has been intensely silicified. This intense silicification has nearly destroyed all evidence of primary bedding. Interlayering of massive Gt-poor layers (psammite) and Gt-rich ±Ms±Bt schist layers is interpreted to reflect primary bedding.

Also present in the Yarrow zone is colluvium clasts of psammitic schist with a fine grain matrix. The source of this tectonic breccia could not be determined. The distribution of the tectonic breccia cobbles and boulders suggests the breccia is sourced in the Yarrow zone.

## 2012 PROGRAM DESCRIPTION

### *Soil Sampling:*

A grid of 398 soil samples was taken towards the northern end of the Toshingermann property, over the “Yarrow” and newly defined “Peska” zones (Figure 3A). Work on this grid was conducted from the 26<sup>th</sup> to the 29<sup>th</sup> of June, 2012 by a team of 4 workers hired, trained and supervised by 18526 Yukon Inc., as well as the author. Three samplers stayed on to collect an additional 83 soil samples from the Kooser-Kooser zone on July 1<sup>st</sup> and 2<sup>nd</sup> (Figure 3B), to test for the extension of a large gold and arsenic trend encountered in soils there in 2011.

Soil samples were taken at 50 m intervals along survey lines spaced at 100 m. The rugged nature of the property, as well as poor sampling conditions, resulted in some gaps in the surveys.

Sampling targeted the “C” horizon, though highly variable conditions were present across the two surveys. Obstacles included permafrost, volcanic ash, loess, exposed bedrock and distorted soil profiles resulting from downslope creep and slides. In any conditions, samplers targeted the deepest mineral soil available. Soil augers were the primary tool used for sample collection, though picks and shovels were also used to assist with collection. Tools were cleaned of residual soil between sampling stations.

At each station, samples were laid on a clean plastic sheet to be photographed and described before being collected into KRAFT 4 x 6” paper sample bags. Precise sample locations were recorded at the time of sampling using handheld GPS units. Each sample location was also photographed and marked with orange flagging tape.

Samples were delivered to ACME Analytical Labs in Whitehorse, Yukon. Each sample was dried by ACME at 60 °C and sieved to 180 microns before being shipped to Vancouver, British Columbia for analysis. Thirty gram pulps were processed using hot (95 °C) Aqua Regia digestion and analysed with Ultratrace ICP-MS for 53 elements (ACME’s “1F06” package). After analysis, ACME disposed of the samples.

### *Geological Fieldwork:*

The primary author conducted field examinations and prospecting at various sites on the property from June 29<sup>th</sup> to July 7<sup>th</sup>, 2012, accompanied by Ron Berdahl on the 29<sup>th</sup> of June and July 3<sup>rd</sup>, by Steven M.D. Scott (who recently completed a master’s thesis on the area immediately south of the Kooser-Kooser property) from the 1<sup>st</sup> to the 7<sup>th</sup> of July, and by members of an interested mining company on the 3<sup>rd</sup> and 4<sup>th</sup> of July. Eighty-six rock and chip samples were collected on behalf of 18526 Yukon Inc., and sent to ACME Analytical Labs in Whitehorse, Yukon for analysis (Ultratrace ICP-MS – same as soils). Most rock samples were photographed and described at the time of collection, with locations marked by handheld GPS.











## RESULTS

### *Soils - Toshingermann*

Figures 4A-1 through 4A-8 illustrate gold, arsenic, antimony, silver, zinc, lead, cadmium and barium concentrations encountered in soils on the 2012 Yarrow area soils grid.

The highest values for each element occur along a kilometer-long, WNW-ESE trending swath of anomalous samples crosscutting the southern limit of the survey, herein dubbed the “Peska” trend (Figure 5A). Gold values along this trend are spotty but strong, running up to 634.3 ppb Au, and complemented by more prevalent anomalous arsenic (to 647.2 ppm As) and antimony (to 327.99 ppm Sb) values. Consistently elevated to highly anomalous silver (to 62.1 g/t Ag), zinc (to 3629.4 ppm Zn), lead (to 4275.33 ppm Pb) and cadmium (to 45.82 ppm Cd) also occur along this trend. Anomalous barium (to 5489.4 ppm Ba) appears to correlate spatially with the Peska trend, but may overlie it structurally.

Along the ridge top central to the Yarrow grid is a broad (roughly 700 m by 500 m, possibly open to the east) zone of elevated to anomalous samples for gold, arsenic, antimony, silver and lead. Past grab samples of a tectonic breccia in this “Yarrow zone” (Figure 5A) have assayed as high as 5.66 g/t Au with 246 g/t Ag (unpublished 18526 Yukon Inc. data, 2009).

### *Soils – Koose-Koose*

Figures 4B-1 through 4B-3 show gold, arsenic and antimony values along the 2012 extension of the Koose-Koose soils grid, with 2011 samples shaded grey to identical size scales. Soil results increased in strength along a 500 meter extension of the roughly 120° trending Koose-Koose zone (Figure 5B), with gold values to 5761 ppb Au (5.76 g/t), arsenic to 3640 ppm As, and antimony to 18.63 ppm Sb. The soils trend remains open in both directions, and its width has yet to be established.

### *General Prospecting*

Figures 5A and 5B show sample sites and gold grades for rock samples taken on the Toshingermann and Koose-Koose properties, respectively.

Rock sampling in the Yarrow area focused on a cobble-to-boulder-sized-talus field which saw strong assays for gold and silver in 2009 sampling, as well as the upper reaches of Pass Creek, which sits along the newly-discovered Peska soils trend. The highest grading sample for gold, a grey quartz boulder found as float, ran at 2.95 g/t Au (YR24). Samples of the tectonic breccia did not run as high as samples from 2009, though a silicified, vuggy breccia sample did return 828 ppb Au with 156 g/t Ag (YR18). Roughly 300 m to the west of the talus field, overlying a weaker part of the Yarrow zone soils anomaly, a sample of a silicified tectonic breccia boulder



**YR11** – Quartz-bearing graphitic shear near the southeast end of the Peska trend, returned 0.9 g/t Au across 1 m in 2012 (rock sample YR11). Ron Berdahl visible in foreground.

returned 538.8 ppb Au (YR37). And more than 900 m to the southeast of the talus field, a similar breccia unit returned 190.2 ppb Au (YR59).

A 1 m chip sample through a graphitic, quartz-bearing fault gouge along the Peska soils trend returned 907.3 ppb Au (YR11).

In the “Tosh” area, an exposed shear zone thought to be the original 1989 discovery outcrop was sampled, though later review of old photographs shows it was not the correct outcrop. Samples here returned low values for gold. A nearby chip sample taken across 1 m of rusty gouge material, however, ran 1.435 g/t Au (YR35), while

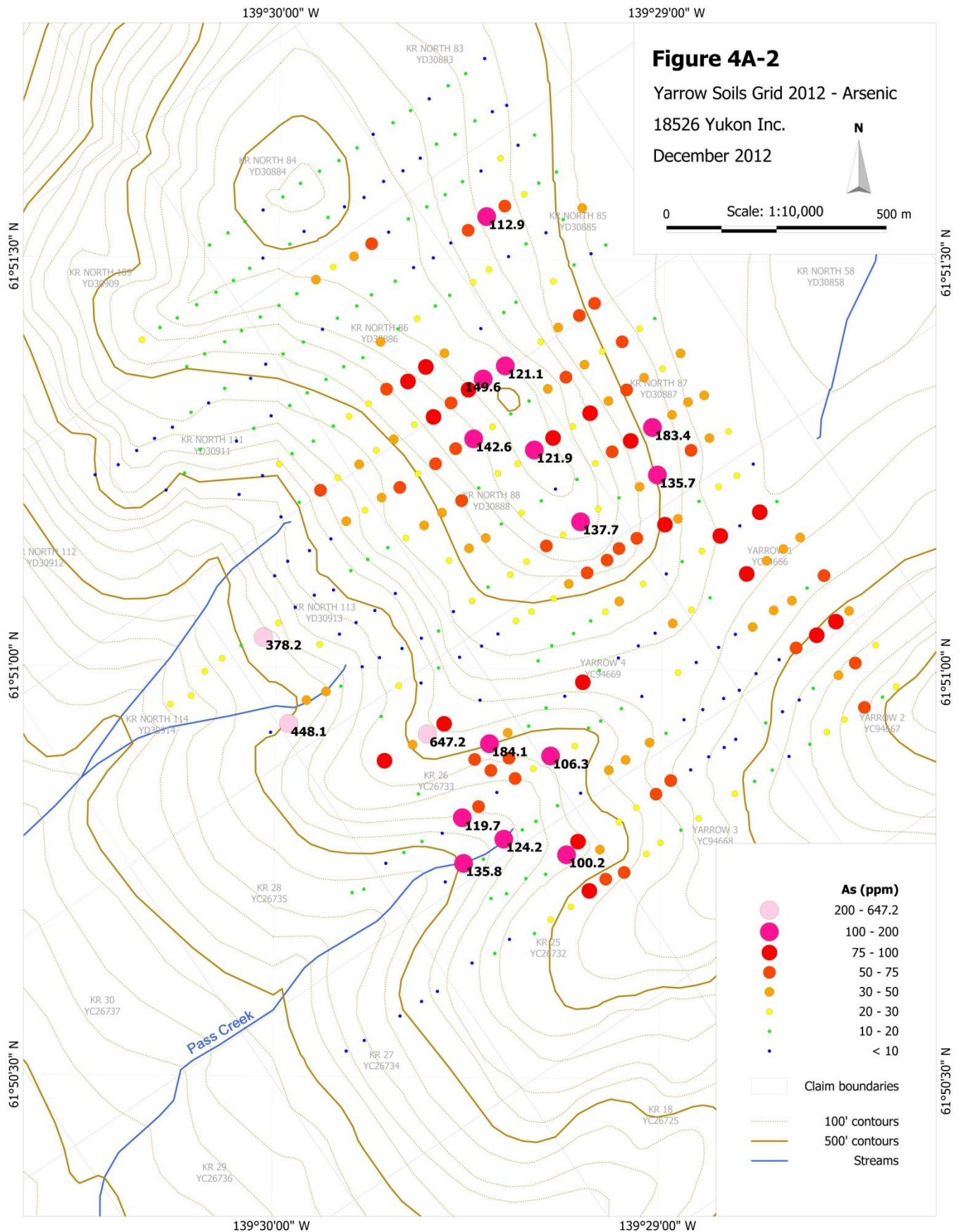
the adjacent ~1.3 m of darker gouge ran 549.7 ppb Au. This gouge zone is similar in character to the 1989 outcrop, and may be an extension along the same feature.

On the Kooze-Koose zone, sampling targeted ankeritic alteration in carbonate schists, particularly those containing sulphides. Results were generally low, particularly compared to the 2012 soil results. The highest rock sample, taken from a rusty, schistose carbonate outcrop, returned 724.7 ppb Au (KR17).

Original ACME Analytical Labs assay reports for 2012 soil and rock samples are included as Appendix A to this report. Sample coordinates and field notes are included as an excel spreadsheet on the accompanying compact disk.

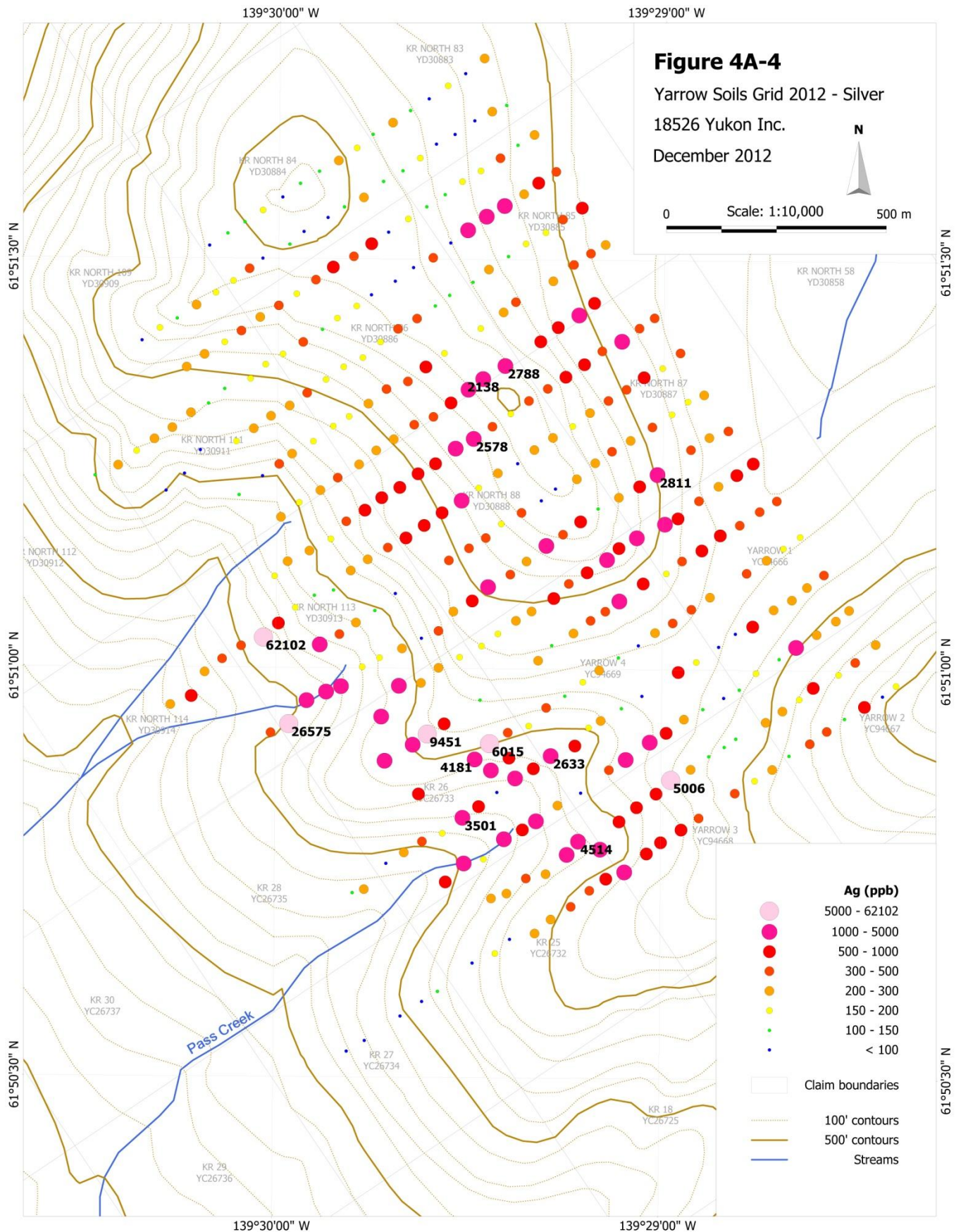






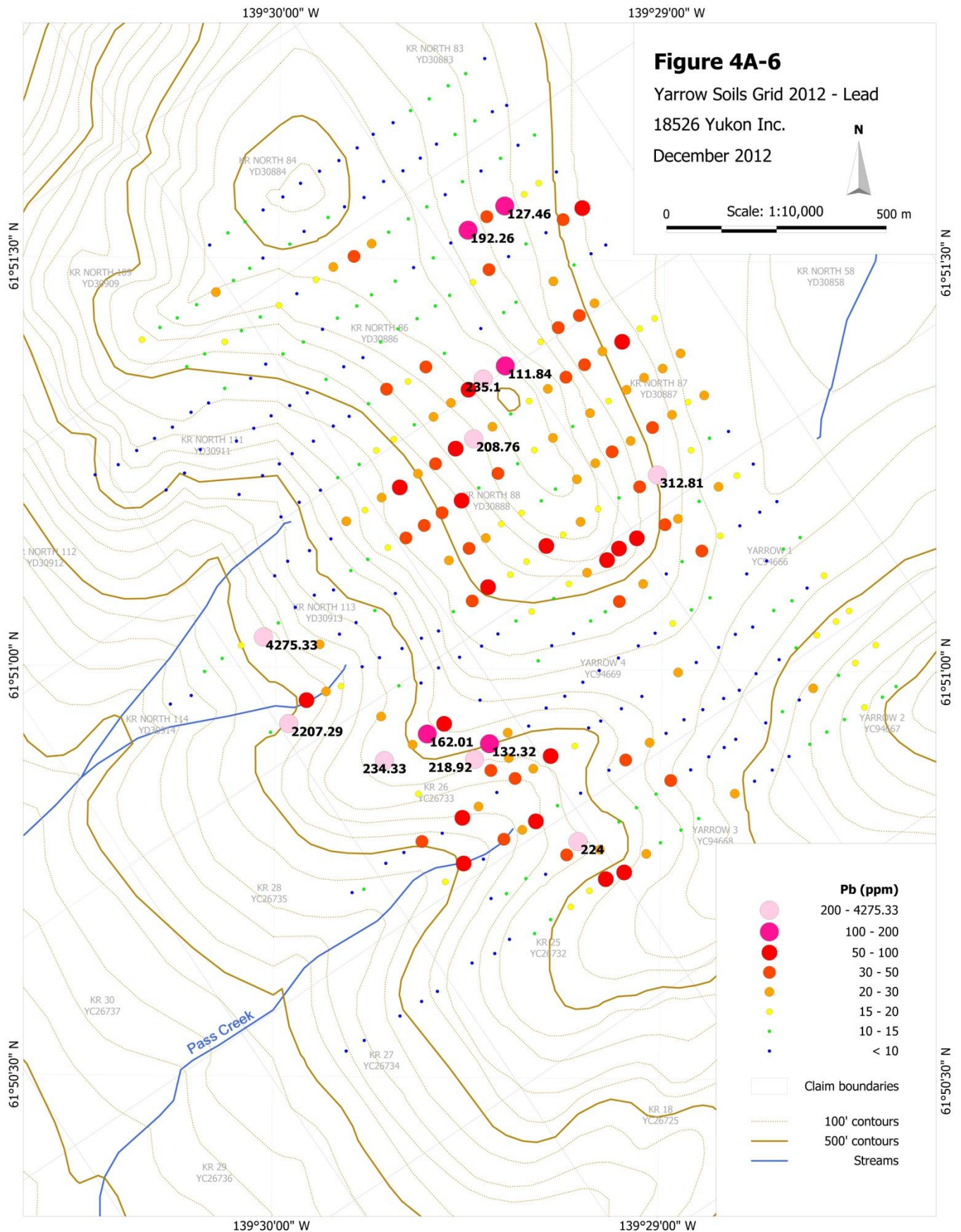




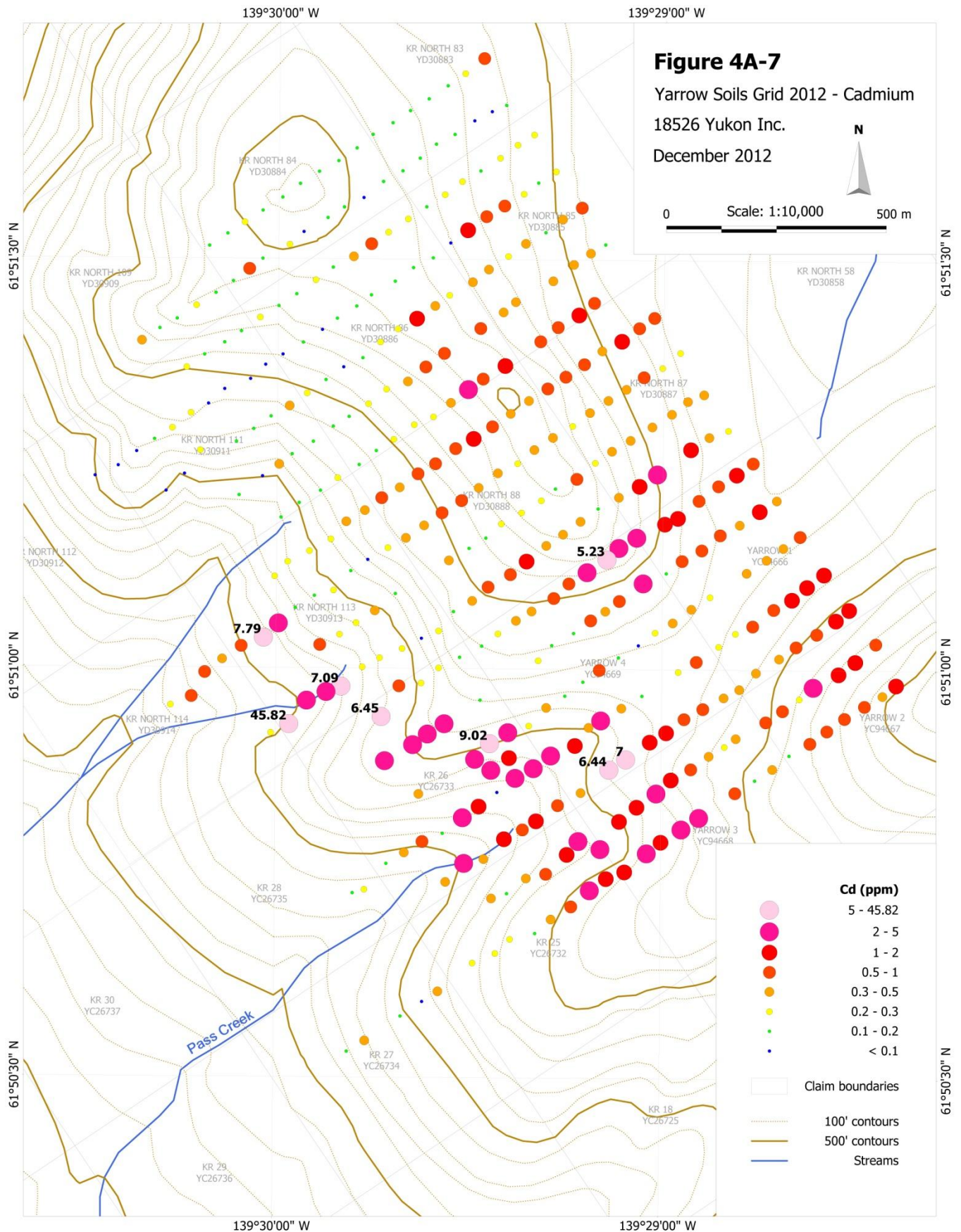


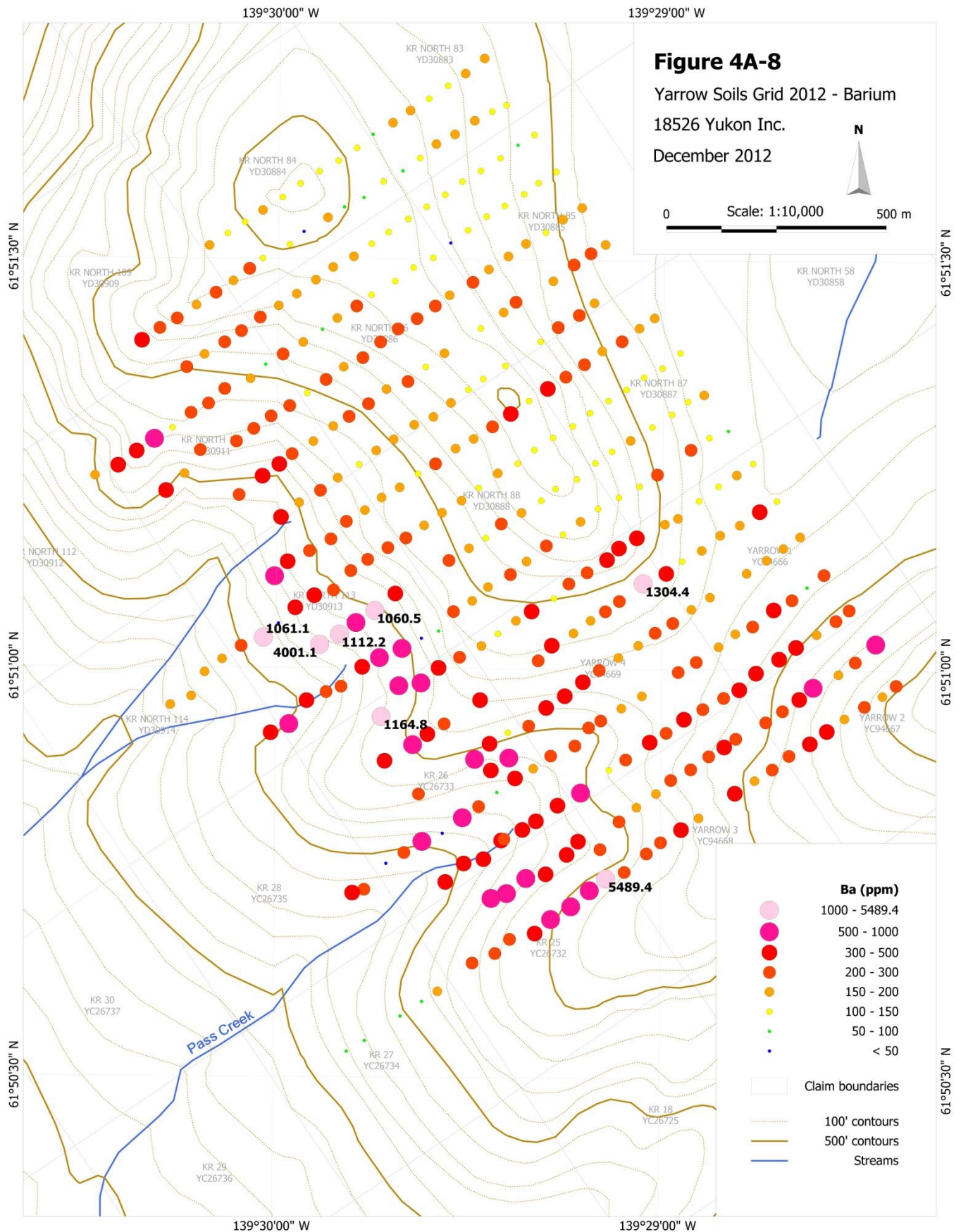










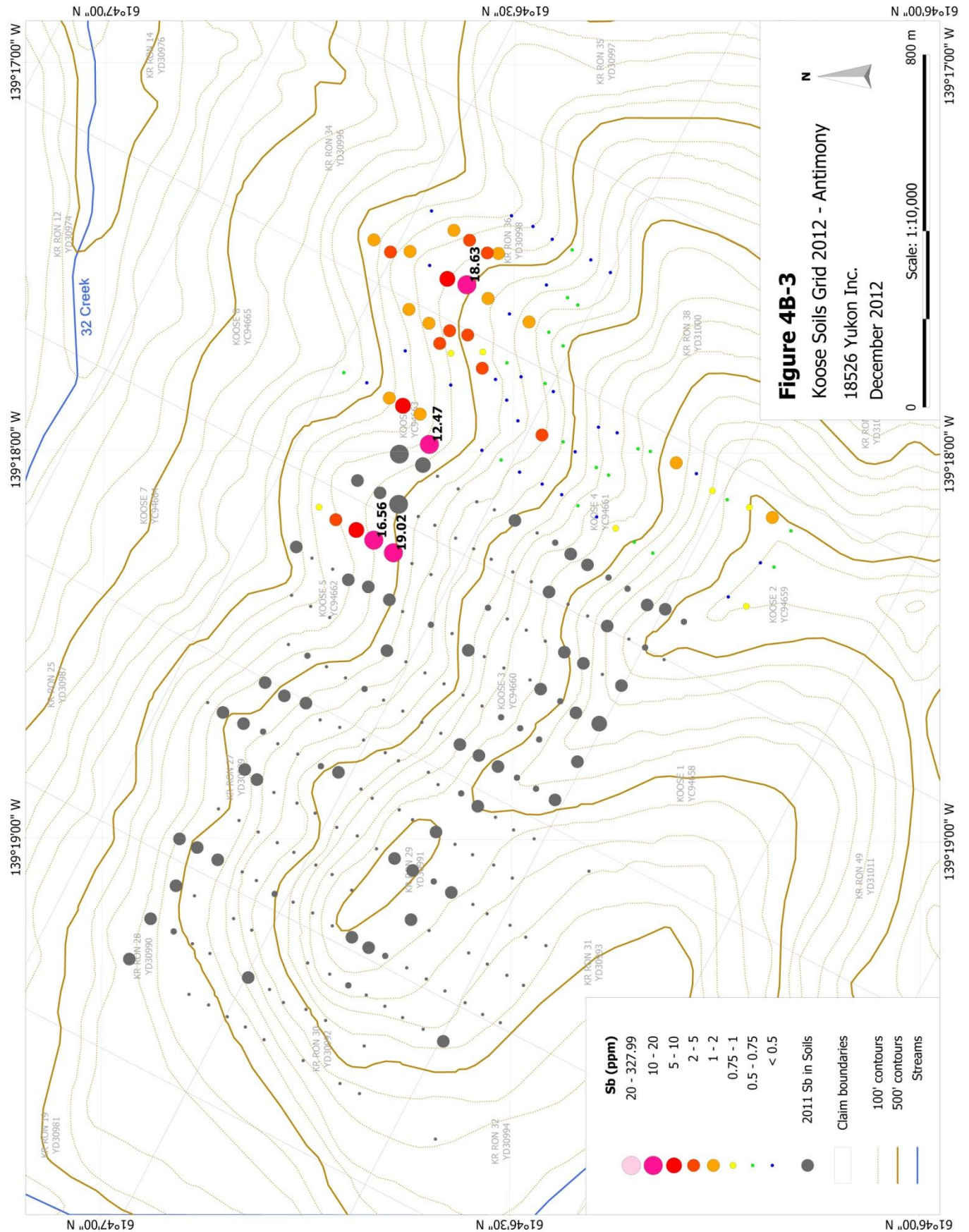




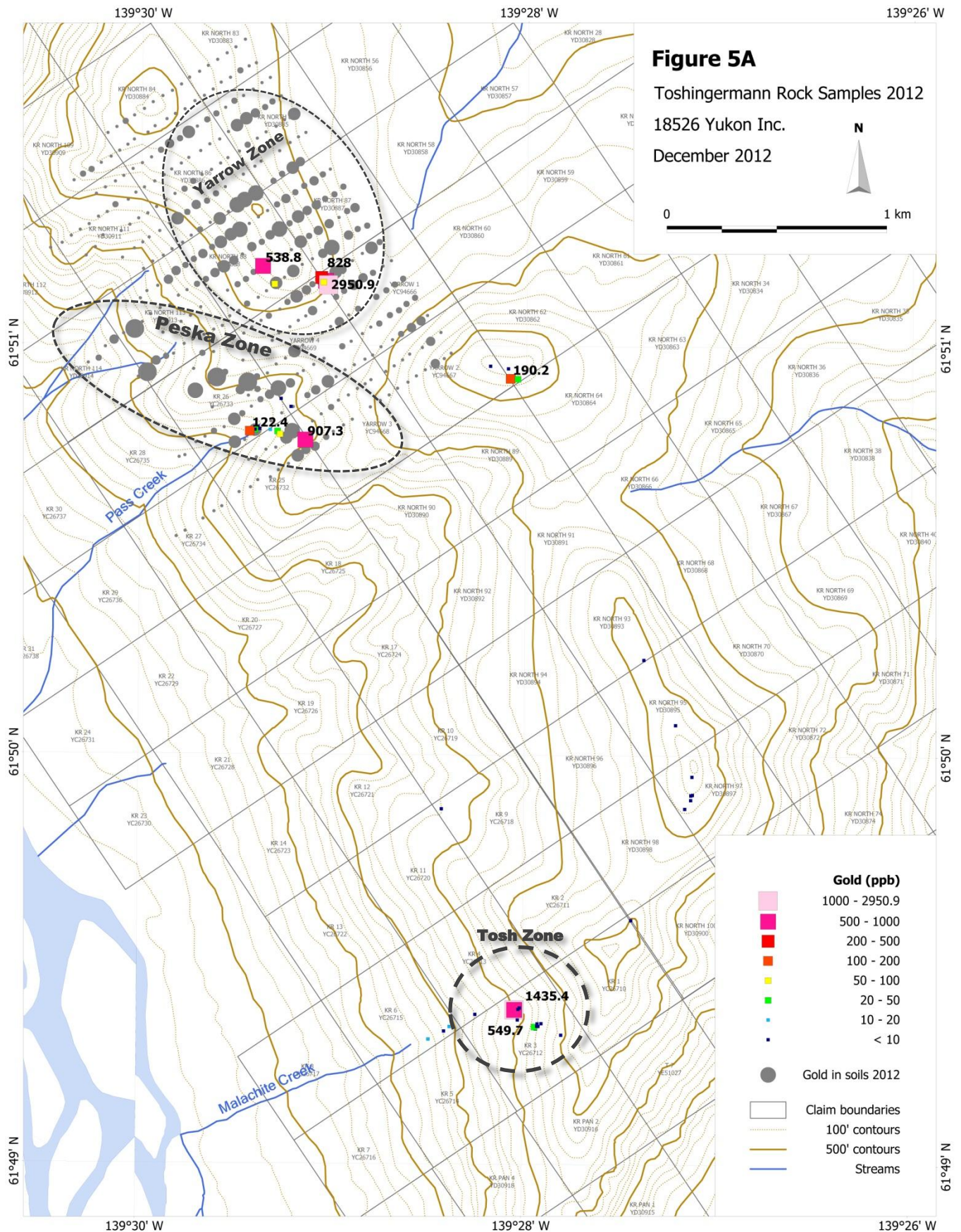




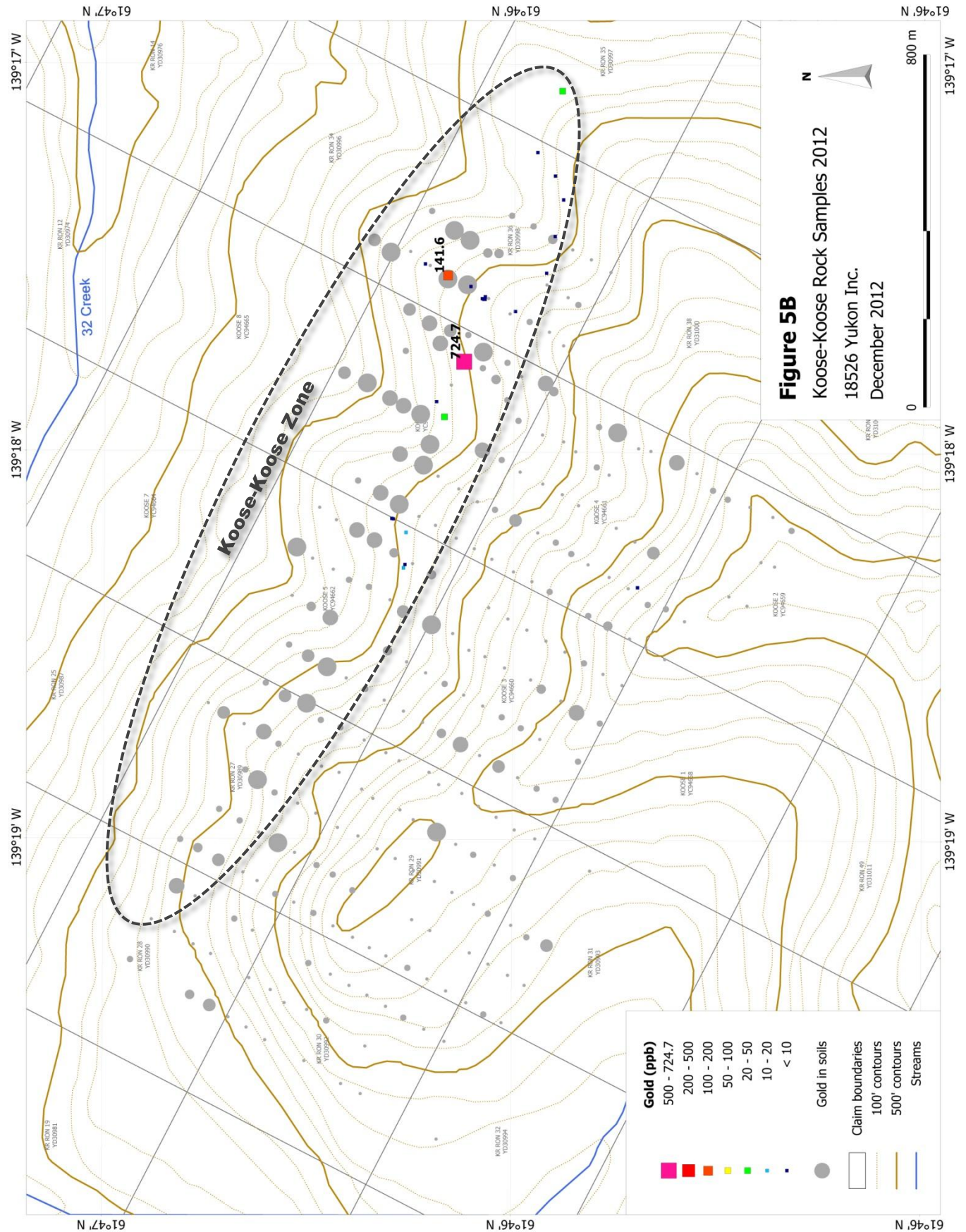












## INTERPRETATION AND CONCLUSIONS

### *Toshingermann*

Yarrow Zone – The geochemical signature of the Yarrow zone, elevated to anomalous in gold, arsenic, antimony and silver, appears to correlate with that of grab samples taken from the mineralized tectonic breccia on parts of the anomaly. If this is the case, the broad outline of the 2012 soils anomaly, as well as the widespread distribution of gold-bearing breccia specimens across >1.2 km, suggest the unit may be laterally extensive. The fact that mineralized samples from 2009 (to 5.66 g/t Au with 246 g/t Ag) and 2012 come from weaker parts of the anomaly leaves the door open for higher grades elsewhere. And despite extensive permafrost and poor sample quality on the northeast edge of the 2012 sample grid, soils there remain elevated for gold, arsenic, antimony and silver; thus the Yarrow breccia unit or mineralized zone may remain open to the northeast. Attempts at establishing the source, thickness and character of the Yarrow breccia unit should be a priority in this zone.



**Yarrow zone breccia** specimen, graded 828 ppb Au with 156 g/t Ag.

Peska Zone – Perhaps the most interesting discovery of the 2012 field program. The WNW-ESE trend of highly anomalous soil samples along the Peska trend roughly aligns with the 120° trend of mineralized zones in both the Koos-Koos and Tosh areas. The distribution of anomalous samples along this trend, as well as 2009 VLF data, suggests that the zone comprises multiple parallel structures. Minor sampling along the eastern end of the trend in 2012 revealed a graphitic shear grading 907.3 ppb Au; sampling in 1989 and 1990 within several hundred meters in either direction gave results of 3.14 g/t Au, as well as 1.56 g/t Au with 98.7 g/t Ag. What is by far the strongest part of the 2012 Peska soils anomaly, in the drainage to the northwest of Pass Creek, remains unexplored, though this drainage is also anomalous in RGS data across a wide suite of elements (Heon, 2003). Investigation of this (very steep) drainage should be a priority.

The Peska trend is also distinct in its highly anomalous zinc, lead and cadmium, and anomalous barium concentrations, which lend support Ron Berdahl and Roger Hulstein's early observations about the area's potential to host VMS mineralization (Hulstein, 1992).

The 2012 soils survey traced the Peska trend over roughly 1 km. One sample, however, taken at random by a 18526 Yukon Inc. soil sampler off the edge of the claim block ("YO Off Course"), sits in line with the trend to the northwest at a distance of more than 800 meters from the survey, and is elevated in the same elemental suite, suggesting a significant northwesterly continuation to the trend. Additionally, zinc, barium, silver, gold and other elemental abundances detected across the northern edge of the 2004 Toshingermann soils survey denote a strong possibility that



the trend continues in that direction (ESE) as well, anywhere from 1 to 1.6 kilometers, giving the overall Peska trend a distinct potential to stretch 3.5 km or more across the property. If this proves to be the case, exploration along the east-facing mountainside along the western edge of the Toshignermann Lakes may turn up further expressions of the structure. Regardless, several new mineral claims should be staked to secure the potential northwesterly extension of the Peska zone.

Additional, parallel zones to the Peska may exist on the property, as evidenced by a graphitic shear and an accompanying 765 ppb Au stream sediment sample (Hulstein, 1992) taken several drainages to the south.

### Tosh Zone



**1989 discovery outcrop (left) vs. 2012 sample site (right)** – thought to be the same site by the author while in the field, later review highlights distinct differences between the outcrops – although they appear to be related, and perhaps even the same structure. The former returned 5347 ppb Au across 1 m, with a grab sample of 6830 ppb Au, while the latter ran 1435 ppb Au across 1 m. The discovery outcrop could not be relocated in 2012, and may have slumped into the steep creek below.

Site examinations in 2012 failed to relocate the 1989 Toshignermann discovery outcrop, though a gold-bearing graphitic shear zone was nonetheless located. Despite the known mineralization and extensive hydrothermal alteration in the surrounding rocks, this area has not been explored with soil geochemistry, nor has the shear zone been traced. Such work would go far in determining the area's relationship with and potential relative to the rest of the property, though in light of results from the Koose-Koose and Peska zones, this work may not be of the highest priority at present.

## ***Koose-Koose***



**Sample site KZ0950** – location (on the southeast edge of the 2012 Koose-Koose soils survey) of a 5761 ppb Au sample; a prime candidate for follow-up prospecting.

Koose-Koose Zone – With concentrations up to 5.76 g/t Au on a strong 500 m extension of the Koose-Koose trend—now established along 1.6 km—the results of the 2012 Koose-Koose soils survey have proven very encouraging. Prospecting, however, failed to adequately explain the hard-rock source of the soils anomaly. The width of the anomaly has yet to be established, as soil samples taken farther downhill are hampered by thick colluvial overburden and permafrost.

Within the trend itself, high gold values from 2011 and 2012 soils exhibit a strong positive correlation with silver

and cadmium values, as well as lead, zinc, strontium and bismuth. A lesser positive correlation between gold and calcium, along with site photographs of high gold-in-soil locations, suggests mineralization along the Koose-Koose trend is tied in with carbonate alteration along the district-scale shear that crosscuts the hillside.

Contingent on positive results in following up on the 2012 soils data, it is likely that drill targets could quickly be established on the Koose-Koose zone.

## ***General***

Kilometer-scale shear zones, multiple deformation and intrusive events, and widespread alteration and mineralization in rock, soil and stream sediment samples across the Toshingermann and Koose-Koose properties provide strong evidence of the property's potential to host significant orogenic gold deposits. Underlying rock units and geochemical results signify a strong potential for VMS mineralization as well. Additional work is needed, and recommended, to determine the scope and character of the Toshingermann mineral complex.



## REFERENCES

- Berdahl, R.S., 1995. "Geophysical and Geochemical Report on the Tosh Property." Yukon Mining Assessment Report #093385.
- Berdahl, R.S., 1999. "Prospecting Report for the Toshingermann Lake Project 115G13/14." Yukon Mining & Incentives Program #YEIP 99-049.
- Berdahl, R.S., 2005. "Soils Survey for the Toshingermann Lake Project 115G13/14." Yukon Mining Assessment Report #094576.
- Berdahl, J.S., 2010. "Geophysical Assessment Report for work performed on the Toshingermann Property." *Ron Berdahl*. Yukon Mining Assessment Report #095264.
- Berdahl, S., 2011. "Geochemical Assessment Report for work performed on the Moose-Moose Property." *18526 Yukon Inc.*. Yukon Mining Assessment Report #095470.
- Heon, D. (compiler), 2003. "Yukon Regional Geochemical Database 2003 - Stream sediment analyses." Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada.
- Hulstein, R., 1992. "Summary Report on the Tosh Project." *Ron Berdahl*. Assessment Report #093021.
- Israel, S., Murphy, D., Bennett, V., Mortensen, J. and Crowley, J., 2011. "New insights into the geology and mineral potential of the Coast Belt in southwestern Yukon." *Yukon Exploration and Geology 2010*, K.E. MacFarlane, L.H. Weston and C. Relf (eds.), Yukon Geological Survey, p. 101-123.
- Murphy, D. C., 2010. "New mineral exploration opportunities highlighted by new geosciences data, Stevenson Ridge and northern Kluane Lake areas, southwestern Yukon." Poster presented at: Roundup 2010; January 18-21; Vancouver, British Columbia, Canada.
- Murphy, D. C., Escayola, M., van Staal, C., McLelland, B., Mortensen, J., and Friedman, R., 2011. "Ophiolitic complexes of western Yukon: age, geochemical character, geological setting, terrane correlation and metallogeny." Poster presented at: Yukon Geoscience Forum, November 20-23, 2011; Whitehorse, Yukon, Canada.
- Scott, S., 2012. "Geology of the Tincup Lake area, southwestern Yukon: Implications for the tectonic evolution of the western margin of the Yukon-Tanana terrane." M.Sc. Thesis. Carleton University: Canada.
- Yukon MINFILES: 115G106 & 115G107.

## STATEMENT OF EXPENDITURES

Expenses for the 2012 Toshingermann work program were as follows.

Helicopter <i>10.8 hours @ \$1650</i>	\$17,820
Aviation Fuel	\$5,500
Labor <i>9 people, \$300 to \$500 per day</i>	\$27,700
Rock Assays <i>86 samples at \$40</i>	\$3440
Soil Assays <i>481 samples at \$33.05</i>	\$15,897
Camp Rental <i>Mile 1118 Alaska Hwy.</i>	\$1500
12 kva Gen. Set + Fuel	\$1500
Vehicle Rentals <i>2000 km @ \$0.80</i>	\$1600
Equipment Rentals	\$600
Food	\$2028
Report Preparation	\$2500
<b>Total</b>	<b>\$80,085</b>



## STATEMENT OF QUALIFICATIONS

I, JAMES SCOTT BERDAHL, hereby certify that:

1. I am a geologist contracted by 18526 YUKON INC., Box 11250, Whitehorse, Yukon, Y1A 6N4.
2. I am a graduate of the Massachusetts Institute of Technology, with a degree in geology (B.Sc., 2008).
3. I have been employed in mineral exploration, as a prospector's assistant or as a project geologist, annually for over a decade, and full-time for the past two years.
4. I supervised and assisted with the work program described above in June and July of 2012.
5. The data contained herein is true and correct to the best of my knowledge.

I also disclose that I have a direct interest in 18526 Yukon Inc. and thus a direct interest in both the Tosingermann and Moose-Moose mineral properties.



---

December 28, 2012



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

**Client:** 18526 Yukon Inc.  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Submitted By: Ron Berdahl  
Receiving Lab: Canada-Whitehorse  
Received: July 10, 2012  
Report Date: August 02, 2012  
Page: 1 of 12

## CERTIFICATE OF ANALYSIS

WHI12000304.1

### CLIENT JOB INFORMATION

Project: Tosh Soils 2012  
Shipment ID:  
P.O. Number  
Number of Samples: 319

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: 18526 Yukon Inc.  
P.O. Box 11250  
Whitehorse YT Y1A 6N4  
Canada

CC: Scott Berdahl

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	319	Dry at 60C			WHI
SS80	319	Dry at 60C sieve 100g to -80 mesh			WHI
1F06	313	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.  
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.  
\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 2 of 12

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YA0000	Soil	2.22	59.85	11.33	159.8	166	49.6	22.7	920	3.90	27.8	0.8	7.1	1.4	21.8	1.34	0.96	0.22	75	0.28
YA0050	Soil	1.66	53.46	10.74	120.4	87	50.2	20.4	679	3.71	16.5	0.7	4.9	1.6	18.0	0.33	0.70	0.29	75	0.23
YA0100	Soil	2.10	61.33	15.05	151.1	594	42.0	18.0	779	3.58	73.9	1.0	25.9	2.4	20.7	0.72	1.20	0.86	63	0.23
YA0150	Soil	1.73	52.82	12.62	130.6	113	45.9	19.9	668	3.65	20.4	0.7	5.9	2.2	17.9	0.66	0.71	0.25	72	0.22
YA0200	Soil	1.60	74.20	12.58	187.0	350	51.0	17.4	538	3.56	21.9	1.1	7.1	1.2	25.8	0.93	0.67	0.22	84	0.48
YA0250	Soil	1.01	67.99	10.04	132.9	329	60.7	19.0	514	3.42	16.5	0.9	8.0	1.8	30.5	0.53	0.55	0.16	79	0.86
YA0300	Soil	0.41	84.41	3.29	70.7	119	89.0	27.5	447	3.86	5.1	0.2	2.7	1.3	22.2	0.19	0.23	0.04	108	0.85
YA0350	Soil	0.95	55.02	9.39	100.7	245	57.7	22.4	417	3.55	13.6	0.7	6.1	2.4	20.0	0.37	0.50	0.16	85	0.62
YA0400	Soil	1.10	46.48	9.66	94.5	195	51.7	23.0	347	3.70	14.4	0.6	4.1	2.5	22.6	0.14	0.57	0.17	81	0.56
YA0450	Soil	1.05	42.69	27.56	164.2	424	78.3	22.1	461	3.93	23.9	0.8	6.0	2.6	31.6	0.83	2.02	0.17	94	0.86
YA0550	Soil	1.34	68.70	12.37	328.8	462	49.1	16.2	264	2.91	26.9	1.1	8.1	0.9	32.4	4.60	2.89	0.23	53	0.59
YA0600	Soil	2.54	80.54	12.45	326.7	913	80.1	19.8	455	3.40	18.5	2.0	4.4	1.9	29.3	4.33	2.45	0.25	73	0.49
YA0650	Soil	3.24	70.29	14.36	357.0	781	67.6	17.2	378	3.36	26.0	1.4	7.5	2.5	47.4	1.60	3.67	0.16	86	0.68
YA0700	Soil	3.08	53.23	23.96	415.7	825	61.7	15.7	437	3.16	29.6	0.9	11.2	2.3	31.1	2.74	3.24	0.18	76	0.62
YA0750	Soil	1.55	44.60	52.79	196.0	1235	42.3	15.3	792	3.08	65.4	0.9	24.8	1.9	35.5	1.24	4.22	0.21	50	0.56
YA0800	Soil	2.19	50.62	75.99	286.1	929	42.8	18.3	1116	3.64	68.0	1.1	25.6	2.3	45.7	1.45	2.27	0.77	78	0.38
YA0850	Soil	1.82	53.27	19.75	541.3	476	61.5	23.6	1035	3.22	78.2	1.1	31.6	2.6	26.8	3.21	1.17	0.20	62	0.38
YA0900	Soil	1.05	46.40	17.98	132.7	382	40.4	15.5	507	2.86	25.7	0.8	8.0	1.9	24.7	0.91	0.74	0.17	59	0.38
YA0950	Soil	0.93	53.38	10.65	83.3	244	48.0	15.6	511	2.77	29.5	0.9	6.1	2.0	27.8	0.47	0.54	0.10	60	0.54
YA1000	Soil	1.11	42.04	10.45	85.6	286	45.6	15.6	433	3.00	18.8	0.7	5.9	1.8	33.8	0.19	0.59	0.12	68	0.63
YA1050	Soil	0.49	84.21	3.12	76.9	95	56.1	26.9	511	4.09	6.3	0.4	1.7	1.2	30.2	0.23	0.17	0.02	127	0.97
YA1100	Soil	1.09	82.03	7.12	31.8	155	27.4	9.3	162	2.15	10.0	0.3	2.8	0.7	22.5	0.23	0.43	0.12	52	0.65
YA1150	Soil	0.56	30.36	3.25	43.4	81	19.4	9.2	319	1.68	4.5	0.4	1.4	0.4	37.8	0.22	0.23	0.05	39	1.04
YA1250	Soil	0.45	47.52	5.87	67.7	116	32.2	12.4	445	1.97	6.5	0.6	1.4	0.6	48.0	0.38	0.27	0.06	39	1.24
YA1300	Soil	0.18	14.22	1.32	13.2	34	5.9	2.6	60	0.67	1.2	0.3	<0.2	0.1	16.2	0.08	0.09	<0.02	16	0.35
YA1350	Soil	0.23	19.24	0.88	13.9	70	3.8	2.8	84	0.47	1.3	0.3	<0.2	<0.1	25.3	0.12	0.11	<0.02	9	0.66
YA1400	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YA1450	Soil	0.68	44.02	4.50	32.5	59	22.1	7.0	128	1.46	6.6	0.9	1.8	0.8	22.6	0.33	0.32	0.06	26	0.56
YA1500	Soil	0.66	54.25	3.83	28.4	78	21.4	8.3	278	1.45	7.0	0.4	0.7	1.0	33.6	0.12	0.31	0.06	27	0.73
YB0000	Soil	4.23	102.4	15.80	157.7	217	38.1	25.6	887	3.66	21.3	1.5	5.3	3.5	29.1	0.83	1.08	0.24	65	0.24



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 2 of 12

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
YA0000	Soil	10.9	46.6	0.88	229.1	0.065	3	2.34	0.011	0.09	<0.1	4.3	0.13	0.03	22	0.3	0.04	6.5	1.24	<0.1
YA0050	Soil	9.6	46.5	0.90	177.9	0.093	3	2.25	0.011	0.17	<0.1	4.2	0.20	0.03	17	0.2	0.05	6.5	1.78	<0.1
YA0100	Soil	12.4	36.4	0.68	211.6	0.076	2	1.70	0.011	0.21	<0.1	3.4	0.18	0.09	28	0.5	0.08	5.5	1.62	<0.1
YA0150	Soil	10.5	40.3	0.78	181.6	0.103	2	2.00	0.009	0.20	0.1	3.3	0.20	0.03	24	0.2	0.07	6.5	1.91	<0.1
YA0200	Soil	11.7	59.0	0.98	306.5	0.092	2	2.03	0.013	0.26	0.1	4.1	0.22	0.05	36	0.3	0.12	7.8	2.11	<0.1
YA0250	Soil	11.7	77.5	1.25	311.3	0.122	3	2.09	0.018	0.29	0.1	4.9	0.20	0.05	38	0.3	0.05	7.4	2.42	<0.1
YA0300	Soil	5.5	142.9	2.14	268.4	0.225	<1	2.43	0.017	0.62	<0.1	4.4	0.09	<0.02	8	<0.1	0.02	8.5	1.29	0.1
YA0350	Soil	8.9	87.8	1.38	226.2	0.148	2	2.11	0.017	0.35	<0.1	4.9	0.17	0.03	31	0.2	0.06	7.2	1.59	0.1
YA0400	Soil	8.8	72.1	1.24	195.6	0.132	1	2.21	0.016	0.21	0.1	5.0	0.18	0.03	27	0.3	0.04	7.3	1.59	<0.1
YA0450	Soil	11.0	107.5	1.31	346.5	0.132	2	2.23	0.024	0.28	0.1	6.1	0.20	0.04	16	0.3	0.05	7.6	2.10	<0.1
YA0550	Soil	7.8	35.6	0.53	169.9	0.044	2	1.33	0.014	0.13	<0.1	2.4	0.11	0.06	42	0.6	0.03	4.9	1.17	<0.1
YA0600	Soil	12.8	50.0	0.75	410.4	0.064	1	1.78	0.011	0.18	<0.1	4.2	0.17	0.04	33	1.6	0.10	6.0	1.62	<0.1
YA0650	Soil	12.9	41.4	1.03	277.0	0.071	1	1.49	0.016	0.17	0.1	3.7	0.22	0.10	54	3.8	0.04	5.2	2.16	<0.1
YA0700	Soil	8.6	41.0	0.99	224.0	0.082	1	1.40	0.016	0.18	0.2	4.6	0.14	0.04	36	2.1	0.05	4.7	1.55	<0.1
YA0750	Soil	10.6	32.4	0.60	241.9	0.038	2	1.15	0.013	0.07	<0.1	3.1	0.08	0.05	38	0.9	0.11	4.1	1.29	<0.1
YA0800	Soil	10.9	45.2	0.79	5489	0.069	<1	1.75	0.011	0.16	<0.1	4.4	0.19	0.05	52	1.7	0.54	6.0	1.63	<0.1
YA0850	Soil	15.5	47.2	0.82	690.2	0.079	<1	1.71	0.012	0.22	0.1	3.7	0.19	0.03	35	0.4	0.17	5.6	1.75	<0.1
YA0900	Soil	9.5	46.9	0.72	618.8	0.077	1	1.64	0.018	0.15	<0.1	3.5	0.15	0.03	35	0.3	0.13	5.8	1.37	<0.1
YA0950	Soil	11.0	55.1	0.86	616.0	0.090	1	1.66	0.019	0.18	0.1	4.5	0.16	0.03	20	0.4	0.04	5.5	1.47	<0.1
YA1000	Soil	8.5	54.5	0.90	439.9	0.088	1	1.68	0.019	0.12	<0.1	4.1	0.13	0.04	27	0.3	0.04	6.2	1.34	<0.1
YA1050	Soil	5.6	66.3	2.12	237.9	0.168	1	2.31	0.012	0.38	<0.1	7.0	0.12	<0.02	11	<0.1	0.07	8.4	2.89	<0.1
YA1100	Soil	6.2	30.1	0.50	240.4	0.053	1	1.06	0.017	0.07	<0.1	2.3	0.06	<0.02	12	0.1	0.06	5.3	0.98	<0.1
YA1150	Soil	5.0	22.1	0.49	220.2	0.056	2	0.92	0.024	0.09	<0.1	1.8	0.05	0.06	25	0.2	<0.02	3.8	0.68	<0.1
YA1250	Soil	7.0	36.3	0.55	192.6	0.058	2	1.21	0.028	0.15	<0.1	2.7	0.10	0.05	25	0.4	<0.02	3.8	0.85	<0.1
YA1300	Soil	3.1	7.1	0.10	54.3	0.026	2	0.45	0.035	0.05	<0.1	0.7	<0.02	0.02	12	0.1	<0.02	1.5	0.16	<0.1
YA1350	Soil	2.9	4.3	0.06	74.6	0.014	3	0.34	0.031	0.05	<0.1	0.5	0.02	0.04	10	0.2	<0.02	1.1	0.13	<0.1
YA1400	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YA1450	Soil	10.1	19.8	0.33	64.4	0.038	1	0.79	0.025	0.09	<0.1	2.2	0.06	0.02	19	0.3	<0.02	3.0	0.50	<0.1
YA1500	Soil	7.6	20.8	0.37	59.9	0.041	1	0.81	0.034	0.13	<0.1	2.1	0.07	0.03	20	0.3	0.02	2.7	0.54	<0.1
YB0000	Soil	16.6	35.7	0.68	666.3	0.096	1	1.61	0.021	0.54	<0.1	3.1	0.37	0.22	21	0.7	0.12	5.5	2.99	<0.1





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 2 of 12

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
YA0000	Soil	1.10	12.4	1.0	<0.05	1.8	6.35	28.5	0.06	3	0.6	17.9	16
YA0050	Soil	1.35	23.6	0.9	<0.05	2.2	5.02	27.5	0.05	<1	0.5	22.0	<10
YA0100	Soil	0.99	23.2	1.9	<0.05	1.5	4.49	24.5	0.10	<1	0.5	20.2	<10
YA0150	Soil	1.59	28.1	1.5	<0.05	2.6	3.92	23.3	0.03	<1	0.5	24.7	<10
YA0200	Soil	2.27	33.5	1.5	<0.05	1.6	7.57	22.4	0.03	<1	0.4	25.3	<10
YA0250	Soil	3.17	36.6	1.9	<0.05	2.2	8.61	24.0	0.03	<1	0.4	25.4	<10
YA0300	Soil	1.17	41.4	0.6	<0.05	1.1	4.42	10.8	0.02	2	0.3	24.1	<10
YA0350	Soil	2.39	33.1	1.3	<0.05	2.0	5.69	17.7	0.03	<1	0.4	22.6	<10
YA0400	Soil	2.29	26.5	0.7	<0.05	2.0	4.95	17.0	0.03	<1	0.4	25.7	<10
YA0450	Soil	2.70	34.5	1.3	<0.05	1.5	6.34	22.7	0.03	<1	0.5	27.8	<10
YA0550	Soil	1.08	16.4	1.5	<0.05	1.2	5.67	15.4	0.03	<1	0.4	17.6	<10
YA0600	Soil	1.31	20.5	0.9	<0.05	1.5	10.34	22.9	0.04	<1	0.6	19.9	10
YA0650	Soil	1.48	21.2	1.0	<0.05	1.4	7.72	22.3	0.03	<1	0.4	18.2	<10
YA0700	Soil	1.07	18.0	1.4	<0.05	1.8	7.37	16.5	0.05	<1	0.3	13.7	<10
YA0750	Soil	0.74	9.3	1.7	<0.05	1.2	5.62	19.9	0.04	<1	0.3	11.4	<10
YA0800	Soil	1.26	20.2	1.1	<0.05	1.7	6.33	20.4	0.03	<1	0.5	16.2	<10
YA0850	Soil	1.42	25.8	1.0	<0.05	1.4	7.28	25.6	0.02	<1	0.5	21.4	<10
YA0900	Soil	1.35	21.3	0.7	<0.05	1.6	5.08	18.1	0.03	<1	0.4	17.4	<10
YA0950	Soil	1.70	23.1	0.5	<0.05	2.2	8.13	20.2	0.02	<1	0.4	17.6	<10
YA1000	Soil	1.84	19.5	0.6	<0.05	1.7	4.50	15.4	0.03	<1	0.3	18.3	<10
YA1050	Soil	3.50	31.5	0.4	<0.05	0.9	5.29	10.9	<0.02	<1	0.3	21.3	<10
YA1100	Soil	1.51	9.7	0.7	<0.05	1.2	3.09	11.4	0.02	<1	0.3	10.5	<10
YA1150	Soil	2.26	11.4	0.2	<0.05	1.7	3.92	9.3	<0.02	<1	0.2	9.4	<10
YA1250	Soil	2.04	15.3	0.2	<0.05	2.2	5.77	13.7	<0.02	<1	0.2	12.0	<10
YA1300	Soil	0.35	2.5	<0.1	<0.05	0.6	1.96	6.4	<0.02	<1	0.2	2.0	<10
YA1350	Soil	0.21	2.0	<0.1	<0.05	0.7	1.64	6.3	<0.02	1	<0.1	0.8	<10
YA1400	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YA1450	Soil	0.76	8.3	0.4	<0.05	1.5	6.23	18.7	<0.02	<1	0.4	6.4	<10
YA1500	Soil	0.76	10.9	0.3	<0.05	1.7	4.58	15.7	<0.02	<1	0.1	7.1	<10
YB0000	Soil	1.19	49.2	3.0	<0.05	0.9	5.68	31.9	0.03	<1	0.5	21.3	<10



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 3 of 12

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YB0050	Soil	2.91	111.4	16.06	214.9	449	43.6	24.1	1611	3.83	66.1	1.6	21.0	1.4	26.4	1.77	1.60	0.45	51	0.28
YB0100	Soil	1.57	60.80	14.60	177.5	166	35.2	14.1	508	3.38	46.8	1.6	4.7	2.3	20.4	1.35	0.94	0.22	54	0.29
YB0150	Soil	0.73	104.1	24.78	533.9	823	98.4	35.2	1412	5.65	16.0	1.3	4.6	2.7	22.1	2.31	0.87	0.10	143	0.83
YB0200	Soil	0.77	71.31	6.98	120.1	156	90.1	29.0	647	4.20	7.8	0.7	2.8	2.0	24.4	0.29	0.32	0.07	117	0.92
YB0250	Soil	0.71	52.65	11.02	143.2	245	61.5	21.3	465	3.25	9.9	0.7	4.6	1.6	25.6	0.52	0.35	0.09	76	0.75
YB0300	Soil	0.93	66.84	9.47	134.2	263	55.1	19.0	529	3.22	13.6	1.3	5.3	1.8	32.7	0.74	0.62	0.16	74	0.99
YB0350	Soil	0.71	43.74	5.59	91.7	119	39.9	19.5	463	3.10	7.2	0.7	4.9	1.4	43.4	0.37	0.39	0.11	78	0.99
YB0400	Soil	0.84	60.46	6.34	93.5	144	53.6	28.9	562	4.82	5.7	0.8	2.9	2.2	49.6	0.25	0.47	0.08	119	1.13
YB0450	Soil	0.68	50.96	7.77	108.3	102	88.6	25.0	473	3.57	7.6	0.6	2.4	1.7	37.3	0.36	0.98	0.07	84	1.02
YB0500	Soil	0.99	40.81	7.97	99.9	242	42.1	17.7	489	2.27	7.6	1.1	3.0	0.9	45.5	0.73	0.87	0.11	53	0.95
YB0550	Soil	2.82	65.86	37.19	109.6	5006	39.7	15.6	294	4.74	64.4	1.5	6.4	2.6	30.6	1.44	6.73	0.32	100	0.24
YB0600	Soil	1.40	69.64	14.83	394.1	501	59.1	16.5	259	2.83	69.8	1.6	16.7	3.6	32.8	3.40	3.97	0.17	50	0.31
YB0650	Soil	1.61	73.55	10.92	97.0	585	33.7	12.2	340	2.40	29.5	1.1	6.5	1.0	42.0	1.40	1.72	0.16	50	0.55
YB0700	Soil	1.64	92.83	12.84	115.7	507	55.0	21.9	738	3.29	21.8	2.1	4.4	2.1	51.3	1.84	1.98	0.15	71	0.75
YB0750	Soil	1.58	68.72	26.80	286.5	1147	61.6	17.6	460	2.76	40.0	2.2	12.5	2.0	61.2	2.98	5.94	0.27	61	1.52
YB0800	Soil	4.90	99.20	224.0	605.3	4514	88.4	26.1	680	4.71	88.1	2.3	54.8	4.5	55.2	4.13	19.03	0.25	87	0.76
YB0850	Soil	2.41	89.80	31.54	205.5	1188	84.6	22.5	771	4.59	100.2	1.4	35.1	8.2	75.5	1.00	6.79	0.32	52	0.57
YB0900	Soil	1.07	44.59	7.77	87.3	253	31.0	13.7	770	1.97	15.8	1.0	6.3	0.8	28.5	0.57	0.58	0.10	42	0.36
YB0950	Soil	0.98	48.45	10.47	87.4	329	36.6	13.4	490	2.29	14.0	1.1	4.0	1.5	29.2	0.45	0.55	0.12	52	0.39
YB1000	Soil	1.37	65.04	12.73	108.7	264	74.4	27.7	611	3.73	17.2	1.3	5.1	2.9	36.9	0.15	0.95	0.14	84	0.66
YB1050	Soil	1.08	64.58	9.74	94.5	247	51.6	16.8	501	2.84	19.5	1.3	4.7	1.7	45.7	0.44	0.73	0.10	66	0.95
YC0000	Soil	3.40	98.53	15.83	162.3	222	44.1	33.5	1409	3.43	38.2	1.8	9.8	3.6	33.0	1.05	1.26	0.31	61	0.30
YC0050	Soil	1.95	92.42	16.31	169.5	292	43.1	21.2	852	3.46	92.7	1.9	26.1	6.2	26.3	1.00	1.52	0.48	53	0.26
YC0100	Soil	1.69	68.36	15.96	177.4	240	43.0	18.9	714	3.34	84.8	1.6	24.8	3.8	26.8	0.72	1.18	0.35	46	0.28
YC0150	Soil	1.34	74.51	14.58	158.5	1227	57.6	19.3	429	3.12	56.4	1.6	16.4	1.8	42.6	0.86	2.30	0.48	57	0.95
YC0200	Soil	0.54	78.46	7.22	88.4	124	86.2	25.4	517	3.50	4.1	1.1	1.8	2.0	43.3	0.39	0.48	0.09	85	1.42
YC0250	Soil	0.59	73.21	7.56	94.4	162	79.2	23.7	400	3.18	7.8	0.9	2.9	1.4	35.8	0.31	0.41	0.12	80	1.26
YC0300	Soil	0.41	78.75	6.02	73.6	108	70.8	24.2	423	3.16	5.0	0.7	3.1	1.3	38.8	0.37	0.30	0.08	80	1.56
YC0350	Soil	0.42	74.85	4.00	67.2	95	44.2	16.3	382	2.27	4.6	0.6	2.1	0.8	44.4	0.38	0.31	0.07	56	1.27
YC0400	Soil	0.92	55.07	5.52	72.6	133	33.8	12.8	489	1.96	6.5	0.8	2.9	0.7	58.6	0.63	0.59	0.09	44	1.40





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 3 of 12

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La ppm 0.5	Cr ppm 0.5	Mg % 0.01	Ba ppm 0.5	Ti % 0.001	B ppm 1	Al % 0.01	Na % 0.001	K % 0.01	W ppm 0.1	Sc ppm 0.1	Ti ppm 0.02	S % 0.02	Hg ppb 5	Se ppm 0.1	Te ppm 0.02	Ga ppm 0.1	Cs ppm 0.02	Ge ppm 0.1
YB0050	Soil	11.0	25.9	0.46	206.8	0.045	1	1.33	0.012	0.19	<0.1	2.7	0.14	0.08	38	0.5	0.08	4.7	1.54	<0.1
YB0100	Soil	12.8	31.7	0.67	170.4	0.062	<1	1.66	0.008	0.29	<0.1	2.5	0.22	0.05	29	0.3	0.06	5.4	1.76	<0.1
YB0150	Soil	13.0	130.4	2.08	771.6	0.201	<1	2.98	0.014	0.50	0.1	10.5	0.40	0.03	67	0.4	0.05	10.3	5.47	<0.1
YB0200	Soil	7.8	131.6	2.03	476.6	0.197	<1	2.71	0.017	0.52	0.1	6.3	0.31	<0.02	20	0.3	0.04	9.1	3.56	<0.1
YB0250	Soil	7.0	79.8	1.39	264.7	0.134	<1	1.92	0.020	0.31	<0.1	3.9	0.22	0.03	22	0.3	0.07	6.8	2.48	<0.1
YB0300	Soil	10.4	73.0	1.11	249.1	0.112	1	1.94	0.019	0.30	<0.1	4.8	0.19	0.06	49	0.4	0.06	6.7	1.68	<0.1
YB0350	Soil	9.5	55.3	1.11	259.5	0.171	2	1.83	0.026	0.31	0.1	3.8	0.10	0.06	29	0.3	<0.02	6.6	1.05	0.1
YB0400	Soil	16.7	76.8	1.78	350.2	0.270	2	2.81	0.014	0.71	0.1	6.7	0.09	0.04	24	0.3	<0.02	10.7	1.48	0.1
YB0450	Soil	10.6	128.6	1.44	269.4	0.205	3	1.95	0.026	0.29	0.2	5.4	0.10	0.04	5	0.5	<0.02	7.1	1.71	0.2
YB0500	Soil	9.7	45.6	0.61	259.6	0.099	4	1.34	0.034	0.11	0.1	3.0	0.11	0.07	21	0.3	<0.02	4.8	1.23	<0.1
YB0550	Soil	11.4	50.8	0.60	277.1	0.081	1	2.76	0.010	0.04	0.1	4.5	0.14	<0.02	70	0.8	0.04	9.1	1.29	<0.1
YB0600	Soil	19.0	32.2	0.53	153.5	0.079	2	1.52	0.030	0.12	<0.1	3.3	0.10	0.03	9	0.6	0.07	4.2	1.37	<0.1
YB0650	Soil	14.4	31.0	0.49	163.9	0.069	1	1.51	0.028	0.07	0.1	3.0	0.08	0.04	27	0.7	<0.02	5.4	1.02	<0.1
YB0700	Soil	14.3	41.5	0.85	257.1	0.097	2	1.99	0.027	0.10	0.1	5.5	0.10	0.05	39	1.1	0.03	5.6	1.27	<0.1
YB0750	Soil	12.6	54.4	0.93	260.7	0.106	2	1.53	0.031	0.17	0.1	4.5	0.12	0.08	60	1.8	0.06	5.1	1.44	0.1
YB0800	Soil	20.0	39.5	1.20	393.7	0.107	2	1.95	0.017	0.19	0.1	7.6	0.13	0.07	70	2.8	0.14	6.2	2.40	<0.1
YB0850	Soil	25.1	37.5	0.76	308.8	0.047	2	1.41	0.012	0.11	<0.1	4.9	0.09	0.13	30	1.9	0.18	4.0	2.21	<0.1
YB0900	Soil	10.8	33.7	0.49	329.8	0.084	3	1.20	0.028	0.08	0.1	3.2	0.11	0.06	39	0.5	<0.02	4.2	1.15	<0.1
YB0950	Soil	11.6	41.9	0.62	605.1	0.106	3	1.40	0.030	0.13	<0.1	3.7	0.12	0.04	40	0.5	0.02	5.2	1.47	<0.1
YB1000	Soil	14.7	80.9	1.17	537.8	0.177	<1	2.19	0.020	0.16	0.1	6.0	0.17	0.03	26	0.6	0.03	7.2	1.90	<0.1
YB1050	Soil	12.7	61.4	0.87	622.1	0.140	3	1.66	0.025	0.18	0.1	4.4	0.15	0.06	29	0.3	0.02	5.8	1.51	<0.1
YC0000	Soil	20.1	34.6	0.61	272.0	0.108	1	1.79	0.016	0.30	<0.1	3.3	0.27	0.08	43	0.5	0.14	6.2	2.49	<0.1
YC0050	Soil	23.1	30.8	0.63	268.9	0.112	1	1.70	0.013	0.41	<0.1	3.0	0.27	0.07	21	0.4	0.13	5.6	2.64	<0.1
YC0100	Soil	20.6	29.1	0.56	157.5	0.082	1	1.62	0.016	0.23	<0.1	2.7	0.19	0.05	29	0.4	0.06	5.2	2.13	<0.1
YC0150	Soil	13.6	59.5	0.99	312.4	0.108	2	1.91	0.021	0.28	<0.1	3.6	0.25	0.09	43	0.4	0.06	6.3	2.94	<0.1
YC0200	Soil	11.6	119.5	1.62	341.4	0.204	2	2.07	0.019	0.44	<0.1	5.5	0.20	0.05	28	0.6	0.03	7.6	2.78	0.2
YC0250	Soil	8.5	109.7	1.64	310.0	0.187	2	2.04	0.020	0.39	<0.1	4.1	0.14	0.06	41	0.4	<0.02	7.2	1.81	<0.1
YC0300	Soil	8.2	98.5	1.60	301.6	0.187	2	2.06	0.022	0.37	<0.1	3.8	0.11	0.06	22	0.3	0.03	7.3	1.57	0.1
YC0350	Soil	8.0	63.6	1.01	240.7	0.130	2	1.54	0.025	0.16	<0.1	2.7	0.06	0.06	20	0.3	<0.02	5.2	0.88	0.1
YC0400	Soil	8.8	40.8	0.70	239.7	0.089	2	1.31	0.028	0.17	<0.1	2.5	0.09	0.10	42	0.4	<0.02	4.4	0.83	<0.1



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 3 of 12

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
YB0050	Soil	0.73	20.4	0.7	<0.05	0.8	6.01	19.9	0.10	<1	0.4	17.6	<10
YB0100	Soil	1.24	32.0	2.2	<0.05	0.8	4.71	24.9	0.06	2	0.6	24.4	<10
YB0150	Soil	2.59	75.4	0.9	<0.05	2.3	16.93	23.7	0.03	<1	0.6	39.0	<10
YB0200	Soil	2.46	50.8	0.9	<0.05	1.3	6.43	15.6	0.03	<1	0.6	34.6	<10
YB0250	Soil	2.61	39.4	0.6	<0.05	1.5	5.42	14.3	0.03	<1	0.3	24.9	<10
YB0300	Soil	3.07	33.8	1.0	<0.05	2.9	9.80	19.8	0.03	<1	0.5	22.6	<10
YB0350	Soil	5.20	28.9	0.6	<0.05	3.2	5.80	17.1	0.03	<1	0.4	19.7	<10
YB0400	Soil	10.23	47.8	1.1	<0.05	2.5	10.87	27.1	0.03	<1	0.6	28.7	<10
YB0450	Soil	3.73	29.0	0.6	<0.05	1.7	6.19	18.8	<0.02	<1	0.2	22.0	<10
YB0500	Soil	1.99	14.8	0.9	<0.05	2.3	5.04	18.7	<0.02	2	0.3	17.5	<10
YB0550	Soil	1.51	6.9	1.3	<0.05	3.4	5.68	21.7	0.14	<1	1.0	21.9	<10
YB0600	Soil	0.90	14.5	1.3	<0.05	1.6	6.97	37.7	0.02	<1	0.5	14.8	<10
YB0650	Soil	1.24	14.0	0.5	<0.05	2.7	8.34	26.7	0.02	2	0.4	11.1	<10
YB0700	Soil	1.86	20.2	0.7	<0.05	3.5	11.11	30.2	0.02	<1	0.5	18.2	<10
YB0750	Soil	2.46	20.2	2.3	<0.05	3.0	9.08	23.0	0.05	3	0.4	18.1	<10
YB0800	Soil	1.55	20.9	4.1	<0.05	2.0	15.29	37.2	0.06	2	0.5	20.2	<10
YB0850	Soil	0.38	10.0	0.9	<0.05	2.1	10.45	46.1	0.04	<1	0.5	15.9	<10
YB0900	Soil	1.20	13.8	0.4	<0.05	1.6	5.38	20.2	<0.02	<1	0.1	9.8	<10
YB0950	Soil	1.49	18.2	0.8	<0.05	2.1	5.60	21.1	<0.02	<1	0.3	14.5	<10
YB1000	Soil	2.65	24.4	0.6	<0.05	2.7	7.80	27.0	0.04	2	0.5	26.4	<10
YB1050	Soil	2.32	24.8	0.7	<0.05	2.2	7.33	22.7	<0.02	<1	0.4	18.0	<10
YC0000	Soil	1.29	37.2	1.2	<0.05	1.3	5.88	38.0	0.03	<1	0.5	22.8	<10
YC0050	Soil	1.06	41.4	0.9	<0.05	1.2	5.87	43.7	0.12	<1	0.7	26.1	<10
YC0100	Soil	1.11	30.0	1.8	<0.05	1.1	5.75	38.7	0.03	<1	0.5	22.6	<10
YC0150	Soil	2.74	42.2	1.8	<0.05	2.8	7.86	24.2	0.06	<1	0.4	27.7	<10
YC0200	Soil	4.46	47.6	1.1	<0.05	2.3	8.70	20.5	0.02	1	0.2	24.0	<10
YC0250	Soil	4.34	37.5	2.9	<0.05	2.5	6.28	15.0	0.03	<1	0.4	21.6	<10
YC0300	Soil	4.89	34.4	2.5	<0.05	2.5	6.53	15.2	<0.02	<1	0.2	25.9	<10
YC0350	Soil	3.68	18.9	0.4	<0.05	3.1	5.95	14.3	<0.02	<1	0.3	14.4	<10
YC0400	Soil	3.31	17.8	0.9	<0.05	3.8	6.18	16.6	<0.02	<1	0.3	10.9	<10





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 4 of 12

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YC0450	Soil	2.94	109.9	5.93	45.1	243	37.7	9.9	1360	1.31	5.7	1.0	2.8	0.3	79.4	0.83	1.13	0.08	26	2.03
YC0500	Soil	1.10	87.65	7.71	72.6	622	68.5	23.3	515	3.02	10.3	1.1	6.7	1.2	41.7	1.05	0.79	0.13	67	0.99
YC0550	Soil	3.08	77.26	21.74	337.8	1094	75.3	29.0	542	5.97	40.4	1.4	40.5	3.3	57.9	1.74	8.28	0.34	121	0.84
YC0600	Soil	1.81	57.78	38.50	180.7	1475	40.3	15.2	693	2.00	47.0	1.4	22.7	0.5	64.0	7.00	4.62	0.62	39	1.35
YC0650	Soil	1.37	62.15	7.79	190.7	441	29.0	9.1	201	1.43	31.4	1.0	12.6	0.3	42.7	6.44	1.95	0.10	30	0.63
YC0750	Soil	1.94	73.47	6.27	121.0	70	39.3	50.5	871	6.57	7.2	0.8	2.0	1.7	24.9	0.39	0.78	0.03	272	0.57
YC0800	Soil	2.48	71.41	11.09	144.5	221	67.6	27.6	628	4.05	15.5	2.0	2.5	2.6	37.7	0.92	1.16	0.16	112	0.64
YC0850	Soil	1.91	79.86	70.40	148.3	1446	62.9	28.2	716	3.85	13.5	1.3	8.0	3.4	41.9	1.19	1.81	0.14	88	1.09
YC0900	Soil	2.23	52.19	25.60	123.4	684	45.9	18.3	358	3.08	17.3	0.9	3.5	1.9	43.7	0.85	1.96	0.12	68	1.05
YC0950	Soil	0.92	101.5	8.43	110.9	252	89.7	29.0	623	3.82	10.4	1.2	4.8	3.0	42.4	0.39	0.51	0.11	99	1.03
YC1000	Soil	0.91	78.66	7.65	92.7	182	66.6	23.5	608	3.29	12.7	0.9	4.5	1.7	45.6	0.32	0.47	0.10	85	1.04
YC1050	Soil	2.76	82.93	63.88	442.4	1530	76.7	22.4	639	3.59	135.8	3.1	39.4	3.1	58.6	3.86	7.32	0.20	65	1.17
YC1100	Soil	3.55	125.4	16.32	103.8	653	83.3	25.6	751	7.04	8.6	2.8	7.1	11.4	104.3	0.31	0.85	0.28	85	0.62
YD0000	Soil	2.15	76.24	15.20	221.5	320	36.7	18.0	468	3.22	62.0	1.5	16.7	3.2	23.3	1.96	1.06	0.37	55	0.30
YD0050	Soil	1.70	27.95	7.17	50.1	260	16.7	4.3	103	1.74	16.6	0.5	11.2	0.3	19.4	1.19	0.60	0.24	44	0.24
YD0100	Soil	1.44	65.63	14.45	197.9	299	47.2	18.8	811	3.35	32.1	1.1	14.2	3.4	27.9	1.00	1.19	0.23	60	0.43
YD0150	Soil	0.99	62.69	11.75	143.6	297	66.0	21.5	553	3.78	34.3	0.9	13.5	3.3	36.2	0.78	0.91	0.19	77	0.73
YD0200	Soil	1.05	54.69	9.58	127.3	751	50.5	19.2	866	3.30	35.1	1.1	10.0	1.9	33.5	0.72	0.96	0.26	71	0.98
YD0250	Soil	0.64	50.15	4.45	83.6	70	49.8	19.0	500	2.85	6.3	0.5	3.1	0.8	28.2	0.26	0.27	0.06	69	1.01
YD0300	Soil	1.06	43.98	6.72	68.8	89	39.1	14.1	491	2.26	5.8	0.4	2.2	0.6	32.4	0.29	0.32	0.08	54	1.06
YD0350	Soil	2.47	73.62	7.77	44.4	156	26.7	7.5	588	1.28	4.4	0.5	3.7	0.1	51.3	0.58	0.44	0.08	26	1.85
YD0400	Soil	1.38	75.01	20.52	95.2	617	69.4	19.6	336	3.93	27.3	0.8	11.3	3.2	29.8	0.28	1.40	0.25	80	0.64
YD0500	Soil	1.00	28.69	5.85	100.1	91	28.2	14.1	554	2.57	8.4	0.4	2.6	0.7	29.5	0.19	0.40	0.09	59	0.67
YD0550	Soil	0.93	31.80	7.43	104.0	103	32.6	12.8	473	2.38	10.2	0.5	3.3	0.6	33.1	0.38	0.56	0.10	51	0.93
YD0600	Soil	1.10	76.00	8.12	162.1	232	57.3	14.6	420	2.56	14.5	1.3	7.5	0.8	41.4	2.74	0.62	0.08	56	1.20
YD0650	Soil	0.71	59.84	5.48	56.9	166	36.5	10.8	235	2.31	17.6	0.6	8.3	0.6	43.4	0.31	0.55	0.05	54	1.45
YD0700	Soil	0.81	55.97	16.81	117.2	607	44.2	16.6	453	2.94	26.2	0.8	23.0	0.9	44.1	1.31	1.09	0.15	72	1.64
YD0750	Soil	3.72	70.43	86.74	651.7	2633	78.4	21.3	563	4.41	106.3	1.5	59.6	2.6	41.9	2.61	9.16	0.23	76	0.75
YD0800	Soil	1.15	78.00	21.13	116.7	557	48.5	14.6	374	2.26	21.0	1.2	20.1	0.4	45.1	2.30	1.83	0.10	49	1.08
YD0850	Soil	3.57	86.22	41.67	577.9	1462	107.4	27.3	810	4.29	57.6	1.1	19.4	3.0	37.0	3.25	5.73	0.18	92	0.70



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 4 of 12

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
YC0450	Soil	13.1	27.5	0.33	390.1	0.028	3	1.08	0.023	0.06	0.1	1.7	0.12	0.17	71	1.0	<0.02	2.6	0.44	<0.1
YC0500	Soil	18.4	73.7	1.04	279.5	0.124	1	1.92	0.024	0.12	<0.1	4.6	0.09	0.07	40	0.4	0.03	6.5	1.33	<0.1
YC0550	Soil	15.8	54.4	1.29	494.6	0.126	<1	2.19	0.016	0.27	0.1	9.8	0.14	0.08	32	1.7	<0.02	8.0	1.74	0.1
YC0600	Soil	11.3	35.7	0.51	233.3	0.057	3	1.18	0.028	0.07	<0.1	3.0	0.10	0.13	100	0.8	0.04	3.9	1.06	0.1
YC0650	Soil	8.1	16.8	0.26	122.3	0.039	2	0.85	0.026	0.05	<0.1	1.8	0.06	0.07	53	0.6	0.03	3.4	0.78	<0.1
YC0750	Soil	11.2	13.5	2.51	587.4	0.265	<1	4.15	0.011	0.31	0.1	16.2	0.13	<0.02	9	0.4	0.03	13.3	2.12	0.1
YC0800	Soil	13.5	46.9	1.13	316.5	0.119	1	2.55	0.016	0.09	0.1	7.2	0.09	0.02	26	0.5	<0.02	7.9	1.03	<0.1
YC0850	Soil	15.9	45.2	1.38	339.6	0.148	2	2.16	0.021	0.21	0.1	7.0	0.16	0.04	39	0.7	0.03	7.0	2.09	<0.1
YC0900	Soil	9.8	33.6	0.88	344.3	0.098	2	1.66	0.022	0.10	0.1	4.5	0.08	0.04	27	1.3	0.06	6.0	1.09	<0.1
YC0950	Soil	13.9	96.1	1.77	406.8	0.204	1	2.30	0.019	0.42	0.1	5.9	0.18	0.03	20	0.6	0.06	8.0	2.76	0.1
YC1000	Soil	11.6	71.1	1.38	437.6	0.155	2	2.07	0.019	0.25	0.1	4.9	0.13	0.05	23	0.4	0.06	7.3	2.11	<0.1
YC1050	Soil	13.9	50.5	1.01	313.9	0.106	2	1.48	0.016	0.25	0.1	4.4	0.12	0.09	31	1.7	0.10	5.0	1.69	<0.1
YC1100	Soil	28.0	73.1	1.61	416.0	0.137	1	2.36	0.044	0.95	0.1	5.9	0.44	0.60	22	1.5	0.34	7.9	2.82	0.1
YD0000	Soil	18.6	30.1	0.57	200.5	0.077	1	1.56	0.019	0.24	<0.1	3.3	0.25	0.04	43	0.4	0.05	6.0	2.16	<0.1
YD0050	Soil	6.1	20.7	0.22	72.5	0.041	1	0.70	0.029	0.07	0.1	1.6	0.08	0.05	27	0.3	0.04	4.1	0.93	<0.1
YD0100	Soil	15.2	46.3	0.84	218.2	0.100	2	1.77	0.024	0.26	<0.1	4.2	0.24	0.03	25	0.4	0.05	5.7	2.15	<0.1
YD0150	Soil	12.6	70.7	1.37	350.7	0.147	1	2.12	0.029	0.45	0.1	5.6	0.27	0.04	19	0.4	0.05	7.1	2.98	<0.1
YD0200	Soil	11.0	69.2	1.04	259.5	0.121	2	2.03	0.031	0.25	<0.1	4.8	0.27	0.05	49	0.4	<0.02	7.4	2.42	<0.1
YD0250	Soil	6.8	77.3	1.27	185.4	0.133	2	1.70	0.033	0.19	<0.1	3.4	0.11	0.06	16	0.3	0.03	6.4	1.33	<0.1
YD0300	Soil	6.0	59.9	0.88	177.7	0.104	4	1.35	0.041	0.16	<0.1	2.4	0.08	0.07	24	0.2	<0.02	5.2	1.03	<0.1
YD0350	Soil	7.2	28.0	0.29	241.8	0.030	7	0.87	0.031	0.05	<0.1	1.0	0.08	0.16	40	0.7	<0.02	3.0	0.61	<0.1
YD0400	Soil	17.9	83.0	1.23	244.0	0.127	2	2.26	0.026	0.22	0.1	7.0	0.24	0.02	41	0.4	0.07	7.1	1.97	<0.1
YD0500	Soil	6.6	42.8	0.75	157.3	0.092	2	1.56	0.036	0.10	<0.1	2.7	0.08	0.06	30	0.3	0.03	6.4	1.04	<0.1
YD0550	Soil	7.5	42.6	0.73	183.6	0.077	3	1.51	0.038	0.17	<0.1	2.7	0.10	0.07	38	0.4	<0.02	5.0	1.08	<0.1
YD0600	Soil	10.1	47.9	0.82	224.3	0.092	3	1.69	0.033	0.23	<0.1	3.6	0.15	0.07	47	0.5	<0.02	5.6	1.40	<0.1
YD0650	Soil	7.4	43.3	0.83	261.4	0.103	4	1.43	0.033	0.26	<0.1	3.3	0.11	0.09	38	0.6	0.03	5.9	1.30	<0.1
YD0700	Soil	8.4	44.3	1.11	240.7	0.146	4	1.67	0.030	0.42	0.1	3.8	0.11	0.09	51	0.8	<0.02	6.9	1.79	<0.1
YD0750	Soil	14.0	64.8	1.05	259.9	0.107	2	1.81	0.023	0.35	0.1	5.1	0.20	0.09	61	1.9	0.07	6.4	2.38	<0.1
YD0800	Soil	9.9	56.6	0.73	194.7	0.081	3	1.49	0.034	0.15	0.1	3.3	0.12	0.11	53	0.9	<0.02	5.0	1.42	<0.1
YD0850	Soil	16.4	63.5	1.30	441.2	0.118	1	2.31	0.024	0.19	0.1	7.1	0.20	0.04	41	1.4	0.05	7.3	1.99	<0.1





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 4 of 12

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
YC0450	Soil	0.97	5.3	0.8	<0.05	2.8	10.58	23.6	<0.02	<1	0.3	4.4	<10
YC0500	Soil	2.57	14.2	0.8	<0.05	3.5	11.96	27.7	0.03	<1	0.4	21.9	<10
YC0550	Soil	1.33	24.7	2.8	<0.05	2.4	12.07	28.5	0.07	<1	0.5	19.0	<10
YC0600	Soil	1.24	12.0	1.8	<0.05	2.1	8.95	21.3	0.09	<1	0.3	10.7	<10
YC0650	Soil	0.69	6.9	2.3	<0.05	1.3	4.60	14.4	<0.02	<1	0.3	5.3	<10
YC0750	Soil	2.28	21.0	1.8	<0.05	1.0	11.25	26.3	0.06	<1	0.4	43.7	<10
YC0800	Soil	1.88	12.0	1.7	<0.05	3.0	7.74	24.7	0.05	<1	0.5	21.9	<10
YC0850	Soil	2.49	27.9	1.6	<0.05	3.5	11.97	30.9	0.03	<1	0.4	20.9	<10
YC0900	Soil	1.90	15.4	1.6	<0.05	2.5	5.41	19.7	0.03	<1	0.4	16.7	<10
YC0950	Soil	3.77	44.8	1.1	<0.05	2.8	10.17	25.7	0.04	<1	0.4	25.1	<10
YC1000	Soil	3.76	32.2	0.5	<0.05	2.2	7.55	22.0	0.03	<1	0.4	22.5	<10
YC1050	Soil	2.19	21.1	3.5	<0.05	1.8	8.95	25.6	0.03	1	0.3	16.2	<10
YC1100	Soil	1.23	65.0	1.3	<0.05	2.9	15.33	67.6	0.07	2	0.9	28.6	<10
YD0000	Soil	1.33	31.2	2.2	<0.05	1.2	7.56	35.9	0.07	<1	0.6	18.4	<10
YD0050	Soil	0.98	9.7	1.6	<0.05	0.8	2.45	11.9	<0.02	<1	0.2	4.7	<10
YD0100	Soil	1.04	30.7	2.6	<0.05	2.1	7.37	29.9	0.07	<1	0.5	21.8	<10
YD0150	Soil	1.22	41.5	2.4	<0.05	3.9	9.27	25.0	0.06	<1	0.5	23.6	<10
YD0200	Soil	3.10	40.6	2.0	<0.05	2.6	7.82	23.0	0.03	<1	0.5	27.9	<10
YD0250	Soil	3.47	24.0	0.8	<0.05	2.2	5.06	14.4	0.02	<1	0.3	18.6	<10
YD0300	Soil	2.55	16.2	4.8	<0.05	2.2	4.01	12.8	<0.02	3	0.3	12.1	<10
YD0350	Soil	0.71	6.0	3.6	<0.05	2.4	5.39	13.9	<0.02	<1	0.3	3.8	<10
YD0400	Soil	1.61	30.8	3.3	<0.05	2.3	10.99	31.4	0.06	<1	0.6	30.5	<10
YD0500	Soil	2.32	13.3	0.5	<0.05	2.5	3.83	13.5	<0.02	<1	0.2	18.3	<10
YD0550	Soil	2.06	21.3	1.0	<0.05	2.0	4.51	15.6	<0.02	<1	0.2	14.9	<10
YD0600	Soil	3.10	22.5	1.9	<0.05	3.4	9.29	19.4	0.02	2	0.3	17.7	<10
YD0650	Soil	4.78	20.6	0.7	<0.05	3.8	6.39	14.1	<0.02	<1	0.2	13.4	<10
YD0700	Soil	5.81	26.2	1.5	<0.05	2.6	8.33	16.8	<0.02	<1	0.2	19.0	<10
YD0750	Soil	2.69	28.3	3.6	<0.05	1.8	9.96	27.8	0.07	<1	0.5	18.9	<10
YD0800	Soil	2.51	17.2	1.6	<0.05	2.4	8.95	19.2	0.02	2	0.4	13.6	<10
YD0850	Soil	1.25	22.1	4.9	<0.05	2.6	14.46	30.5	0.06	<1	0.7	22.3	<10



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 5 of 12

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YD0900	Soil	0.23	12.87	1.62	12.6	87	4.5	2.0	39	0.63	2.0	0.3	0.6	0.1	13.0	0.08	0.16	<0.02	16	0.19
YD0950	Soil	3.42	57.26	22.77	256.2	896	52.7	14.5	347	2.91	53.9	1.2	10.3	2.0	39.6	1.78	4.84	0.10	58	0.58
YD1000	Soil	3.36	92.70	67.97	275.2	3501	66.6	25.5	974	4.54	119.7	1.0	44.5	2.2	39.0	2.04	7.39	0.13	85	0.90
YD1050	Soil	0.49	14.04	1.81	20.8	168	7.1	3.2	53	0.94	2.6	0.2	1.6	0.2	12.3	0.15	0.19	0.03	24	0.10
YD1100	Soil	11.66	423.7	39.69	276.2	417	147.7	28.9	1612	9.39	11.5	7.6	17.0	4.9	107.9	0.85	0.67	0.22	236	0.34
YD1150	Soil	1.72	58.36	8.61	98.1	241	71.7	23.3	628	4.32	14.5	0.6	2.0	2.5	24.8	0.42	0.63	0.12	99	0.42
YD1200	Soil	0.77	13.26	1.78	15.9	67	9.4	3.0	61	0.83	2.0	0.2	0.4	0.2	12.6	0.13	0.15	0.03	21	0.16
YD1250	Soil	1.51	88.71	12.78	97.6	217	106.8	30.1	734	4.76	15.8	0.6	4.2	3.5	30.5	0.24	0.61	0.13	101	0.96
YD1300	Soil	1.58	90.14	7.70	76.1	101	80.8	31.6	578	4.73	12.0	0.7	3.1	2.1	26.1	0.19	0.39	0.08	125	0.69
YE0000	Soil	1.41	53.16	10.88	150.2	163	38.8	17.7	704	3.07	30.9	0.6	12.3	2.8	22.4	0.74	0.99	0.24	64	0.37
YE0050	Soil	1.23	45.92	10.85	136.4	188	38.6	17.7	667	3.10	34.8	0.6	11.6	2.8	23.7	0.41	1.08	0.24	61	0.38
YE0100	Soil	1.48	58.08	9.31	131.4	269	38.6	17.6	710	2.86	31.4	0.9	10.4	1.4	27.5	0.48	0.70	0.20	53	0.50
YE0150	Soil	1.12	67.89	6.05	105.8	340	30.1	9.6	185	3.58	91.1	1.0	16.9	1.0	29.3	0.34	0.80	0.18	56	0.54
YE0250	Soil	1.05	56.94	11.77	76.4	287	62.4	18.0	246	3.31	13.8	1.0	10.6	3.1	22.6	0.22	0.96	0.13	74	0.46
YE0300	Soil	1.15	66.88	13.78	99.3	378	85.6	19.9	438	3.93	27.8	0.7	9.8	4.6	28.8	0.32	1.15	0.11	73	0.73
YE0350	Soil	1.48	58.55	16.80	96.8	349	47.4	16.2	208	3.61	45.8	1.2	27.7	2.5	24.5	0.30	1.49	0.17	72	0.60
YE0400	Soil	1.50	59.50	4.84	50.5	203	28.3	9.9	444	1.58	7.4	0.8	6.3	0.4	43.1	0.28	0.54	0.07	33	1.25
YE0450	Soil	0.85	40.80	5.45	48.7	99	38.0	14.9	331	2.60	7.4	0.5	3.1	0.9	34.9	0.09	0.40	0.07	61	1.00
YE0500	Soil	0.39	104.9	4.09	60.8	117	116.2	32.0	557	4.90	4.9	0.4	6.5	1.7	17.1	0.11	0.24	0.09	157	0.79
YE0550	Soil	0.93	44.51	7.66	56.3	251	26.0	13.2	637	1.89	12.0	1.0	8.1	0.8	34.9	0.52	0.64	0.13	42	0.62
YE0600	Soil	1.22	57.76	6.65	81.0	176	46.5	26.5	845	4.76	83.0	0.9	33.9	2.5	31.3	0.11	0.90	0.07	136	0.81
YE0650	Soil	0.45	51.24	4.19	92.2	102	44.5	26.5	474	4.50	6.7	0.4	3.7	1.4	35.9	0.12	0.20	0.05	128	1.25
YE0700	Soil	1.39	114.6	9.66	119.9	402	116.4	24.7	414	4.14	14.9	1.0	6.8	4.4	25.9	0.36	1.01	0.17	116	0.88
YE0750	Soil	0.51	52.50	9.05	81.5	186	58.9	22.5	456	3.45	10.5	0.6	5.3	1.9	28.6	0.26	0.53	0.07	92	0.94
YE0800	Soil	1.39	59.66	27.29	269.6	413	67.6	19.7	369	3.77	31.8	1.0	10.2	2.5	27.7	3.42	3.26	0.18	74	0.42
YE0850	Soil	1.77	116.8	132.3	446.0	6015	82.7	23.0	613	3.96	184.1	2.6	295.1	1.9	57.3	9.02	15.85	1.31	83	0.95
YE0900	Soil	2.62	90.86	218.9	354.1	4181	77.1	18.1	506	3.72	71.6	2.9	26.6	3.1	65.3	2.19	10.65	0.24	81	0.44
YE0950	Soil	4.51	114.1	29.13	381.2	895	74.8	27.1	501	5.38	66.0	3.0	10.1	3.3	64.7	1.98	10.27	0.16	137	0.53
YE1000	Soil	3.90	65.47	41.20	428.0	1396	76.7	22.5	733	4.00	55.5	1.4	8.6	3.8	38.2	2.62	9.50	0.15	99	0.45
YE1050	Soil	2.06	31.63	15.23	105.1	506	41.2	18.9	530	3.93	18.2	0.7	2.8	2.2	29.3	0.43	1.16	0.17	82	0.49



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 5 of 12

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
YD0900	Soil	2.2	5.1	0.08	58.6	0.026	2	0.47	0.053	0.06	<0.1	0.8	<0.02	0.02	13	0.2	<0.02	1.6	0.17	<0.1
YD0950	Soil	11.1	28.4	0.56	230.5	0.057	1	1.35	0.034	0.11	0.1	4.1	0.09	0.06	31	2.0	0.05	4.4	0.86	<0.1
YD1000	Soil	15.8	39.9	0.97	949.6	0.062	3	2.10	0.026	0.15	0.1	8.0	0.11	0.04	58	1.7	0.07	6.4	1.40	<0.1
YD1050	Soil	3.5	8.1	0.13	47.2	0.039	2	0.65	0.045	0.05	<0.1	1.0	<0.02	<0.02	19	0.3	<0.02	2.5	0.29	<0.1
YD1100	Soil	19.9	102.1	1.47	527.0	0.181	1	3.10	0.022	0.94	0.2	8.9	0.59	0.45	14	3.2	0.52	9.0	4.00	<0.1
YD1150	Soil	11.1	80.3	1.11	285.1	0.151	1	2.36	0.028	0.46	0.1	6.7	0.18	0.03	15	0.4	0.05	7.5	1.53	<0.1
YD1200	Soil	2.2	11.1	0.13	33.1	0.034	1	0.45	0.044	0.05	<0.1	0.9	0.02	0.02	19	0.2	<0.02	2.0	0.27	<0.1
YD1250	Soil	16.0	100.9	1.52	247.8	0.177	2	2.56	0.035	0.68	<0.1	8.3	0.24	<0.02	21	0.5	0.06	8.1	1.95	<0.1
YD1300	Soil	12.5	102.8	1.86	360.9	0.213	2	2.73	0.027	0.67	<0.1	6.9	0.21	0.02	23	0.3	0.04	10.0	3.14	<0.1
YE0000	Soil	12.1	41.7	0.71	159.3	0.112	1	1.50	0.018	0.19	<0.1	3.3	0.18	0.03	15	0.4	0.06	5.6	1.62	<0.1
YE0050	Soil	12.1	43.6	0.78	157.6	0.111	1	1.45	0.022	0.23	0.1	3.2	0.18	0.04	21	0.3	0.05	5.2	1.75	<0.1
YE0100	Soil	11.5	41.8	0.71	178.1	0.086	2	1.67	0.026	0.16	0.1	3.5	0.20	0.04	46	0.4	<0.02	6.1	1.77	<0.1
YE0150	Soil	10.2	35.4	0.52	169.3	0.067	3	1.50	0.029	0.11	<0.1	2.7	0.15	0.08	37	0.5	0.05	5.3	1.54	<0.1
YE0250	Soil	14.1	77.6	1.17	184.4	0.134	1	2.30	0.022	0.15	<0.1	6.0	0.21	0.03	52	0.4	0.03	7.3	1.82	<0.1
YE0300	Soil	18.8	92.2	1.40	197.9	0.144	2	2.04	0.027	0.34	<0.1	6.3	0.29	<0.02	17	0.5	0.04	7.1	2.53	<0.1
YE0350	Soil	12.0	57.1	1.00	231.0	0.127	2	2.11	0.020	0.25	<0.1	5.5	0.23	0.05	86	0.5	0.07	7.2	2.08	<0.1
YE0400	Soil	8.3	30.1	0.47	238.3	0.063	4	1.10	0.039	0.11	<0.1	2.2	0.11	0.11	46	0.7	0.03	3.9	1.14	<0.1
YE0450	Soil	7.9	55.1	0.88	175.7	0.108	2	1.72	0.032	0.15	0.1	3.1	0.11	0.05	18	0.2	0.02	5.9	1.07	<0.1
YE0500	Soil	7.8	203.2	2.29	198.0	0.320	<1	3.03	0.013	0.84	<0.1	10.1	0.05	<0.02	14	0.4	0.04	10.1	1.16	0.2
YE0550	Soil	9.1	35.0	0.51	219.1	0.065	2	1.29	0.032	0.11	<0.1	2.5	0.10	0.06	34	0.7	<0.02	4.2	0.91	<0.1
YE0600	Soil	20.0	70.0	1.83	308.2	0.230	1	2.90	0.016	0.82	0.2	6.8	0.07	0.03	28	0.6	<0.02	10.3	1.57	0.1
YE0650	Soil	6.3	67.6	2.23	379.6	0.269	1	2.88	0.017	0.77	<0.1	4.9	0.10	0.02	10	0.4	0.03	11.8	3.02	0.2
YE0700	Soil	22.1	106.3	1.44	455.1	0.150	1	2.46	0.013	0.49	<0.1	6.4	0.29	0.04	25	1.0	0.05	8.0	3.56	<0.1
YE0750	Soil	9.2	81.4	1.53	265.1	0.187	<1	2.02	0.019	0.50	<0.1	4.6	0.12	0.02	12	0.4	<0.02	7.5	2.00	0.2
YE0800	Soil	11.9	77.2	1.03	145.5	0.105	2	2.18	0.016	0.22	<0.1	4.3	0.14	0.04	16	0.9	0.03	6.5	1.54	0.1
YE0850	Soil	15.9	88.4	1.06	450.7	0.112	2	2.03	0.023	0.32	0.1	6.4	0.16	0.12	253	2.2	0.07	6.8	2.20	<0.1
YE0900	Soil	16.7	65.7	0.93	660.6	0.095	<1	2.02	0.014	0.17	0.1	5.6	0.11	0.09	46	2.6	0.05	5.8	1.46	<0.1
YE0950	Soil	14.8	40.0	1.34	571.8	0.104	2	2.68	0.015	0.21	0.2	9.2	0.17	0.08	19	3.2	0.05	8.1	2.48	<0.1
YE1000	Soil	13.0	56.2	1.00	431.3	0.103	<1	2.34	0.023	0.17	0.1	7.5	0.14	0.03	17	1.3	0.06	6.5	1.70	<0.1
YE1050	Soil	9.1	53.8	0.86	273.6	0.079	1	2.37	0.017	0.07	<0.1	4.1	0.09	<0.02	7	0.4	0.06	7.1	1.00	<0.1





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 5 of 12

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
YD0900	Soil	0.39	2.1	0.2	<0.05	0.9	1.41	4.8	<0.02	<1	<0.1	1.3	<10
YD0950	Soil	0.93	11.4	1.7	<0.05	2.2	7.35	21.9	0.03	<1	0.5	10.8	<10
YD1000	Soil	1.17	12.4	2.1	<0.05	1.8	16.23	31.8	0.04	<1	0.6	20.4	<10
YD1050	Soil	0.41	3.5	0.3	<0.05	0.9	1.46	7.2	<0.02	<1	0.1	2.2	<10
YD1100	Soil	1.48	55.4	3.9	<0.05	5.7	14.46	39.1	0.04	3	1.6	33.3	<10
YD1150	Soil	1.05	28.3	0.7	<0.05	6.3	5.87	22.9	0.04	<1	0.6	20.2	<10
YD1200	Soil	0.44	2.6	0.2	<0.05	0.7	1.02	4.2	<0.02	<1	0.1	1.6	<10
YD1250	Soil	1.63	40.3	2.1	<0.05	5.4	14.95	30.3	0.04	<1	0.5	22.9	<10
YD1300	Soil	4.40	49.1	1.5	<0.05	4.0	12.40	25.9	0.04	<1	0.5	29.5	<10
YE0000	Soil	0.77	22.7	1.1	<0.05	2.2	4.99	24.1	0.05	<1	0.3	18.2	<10
YE0050	Soil	1.02	26.9	1.5	<0.05	2.3	4.81	23.2	0.06	<1	0.3	16.7	<10
YE0100	Soil	1.64	25.5	1.0	<0.05	1.7	5.59	22.1	0.04	<1	0.5	19.5	<10
YE0150	Soil	1.73	19.5	1.2	<0.05	2.5	6.19	18.0	0.04	2	0.4	14.7	12
YE0250	Soil	1.62	23.2	1.4	<0.05	3.1	7.48	26.8	0.03	<1	0.5	23.5	<10
YE0300	Soil	0.84	42.5	2.2	<0.05	4.2	11.13	32.4	0.02	<1	0.5	24.7	<10
YE0350	Soil	2.16	31.2	2.3	<0.05	3.9	6.22	23.1	0.03	1	0.5	29.6	<10
YE0400	Soil	1.81	12.8	0.5	<0.05	2.6	6.98	15.5	<0.02	<1	0.4	9.4	<10
YE0450	Soil	2.58	14.6	0.6	<0.05	3.2	4.16	16.1	<0.02	<1	0.3	17.4	<10
YE0500	Soil	3.09	47.3	0.9	<0.05	2.2	11.67	15.1	0.05	<1	0.4	29.5	<10
YE0550	Soil	1.36	13.0	0.5	<0.05	1.9	6.87	17.6	0.02	<1	0.3	12.7	<10
YE0600	Soil	6.61	45.1	1.8	<0.05	1.8	15.74	33.7	0.04	2	0.7	23.3	<10
YE0650	Soil	5.03	48.4	1.1	<0.05	1.4	9.12	12.9	0.02	<1	0.3	26.6	<10
YE0700	Soil	3.49	39.4	1.7	<0.05	1.5	13.49	45.7	0.02	<1	0.4	32.7	17
YE0750	Soil	2.88	34.9	1.2	<0.05	1.9	8.77	18.4	<0.02	<1	0.3	21.1	<10
YE0800	Soil	1.89	19.6	1.3	<0.05	1.4	6.12	29.0	0.05	<1	0.6	23.0	<10
YE0850	Soil	2.85	29.3	17.6	<0.05	2.1	14.98	31.8	0.28	2	0.6	21.7	<10
YE0900	Soil	0.72	16.5	5.6	<0.05	1.9	12.73	33.7	0.06	<1	0.1	16.2	<10
YE0950	Soil	0.92	16.9	1.9	<0.05	2.3	12.52	29.4	0.06	1	0.7	17.3	<10
YE1000	Soil	0.94	21.5	3.5	<0.05	3.7	9.22	32.6	0.04	<1	0.5	15.6	<10
YE1050	Soil	1.02	11.9	3.3	<0.05	2.9	4.13	20.2	0.03	<1	0.4	14.6	<10



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 6 of 12

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YF0000	Soil	1.16	55.97	8.24	62.4	330	21.4	9.7	425	2.20	14.0	1.0	5.6	1.0	22.1	0.38	0.66	0.13	52	0.25
YF0050	Soil	1.23	47.39	8.32	161.1	464	43.0	44.2	3510	5.76	85.5	1.1	8.1	1.8	36.1	1.38	0.77	0.18	79	0.76
YF0100	Soil	0.58	41.48	9.32	56.3	314	23.4	7.0	138	1.90	2.0	1.1	13.0	0.8	29.8	0.46	0.89	0.10	38	0.32
YF0150	Soil	6.13	73.50	17.77	53.1	793	22.7	16.7	1307	7.06	91.2	2.1	25.6	1.3	30.0	0.65	3.09	0.25	119	0.32
YF0200	Soil	2.13	74.56	34.79	182.6	690	48.7	16.9	426	4.09	26.5	1.4	22.9	3.7	22.2	0.65	1.68	0.35	76	0.26
YF0250	Soil	0.95	41.67	14.10	104.3	462	22.7	11.8	410	2.96	15.2	0.9	16.1	1.4	30.2	0.82	1.24	0.13	77	0.62
YF0300	Soil	0.60	104.5	5.56	57.9	169	68.6	24.7	494	3.58	6.3	0.4	11.8	1.3	33.9	0.12	0.55	0.05	84	0.99
YF0350	Soil	2.35	105.8	23.36	330.6	533	132.2	36.6	675	5.50	26.4	2.1	5.9	7.6	98.3	2.04	6.26	0.21	108	0.49
YF0400	Soil	1.54	73.21	49.26	142.9	1193	50.3	15.8	484	3.58	49.8	1.1	29.0	2.9	29.5	0.50	3.77	0.55	65	0.43
YF0450	Soil	1.21	62.33	14.97	133.8	411	67.8	20.5	479	3.99	21.0	0.7	8.5	2.9	28.7	0.42	1.55	0.15	92	0.45
YF0500	Soil	1.39	43.72	11.96	76.6	328	23.2	13.0	538	2.37	16.7	0.6	5.0	1.0	26.6	0.71	0.94	0.16	50	0.29
YF0550	Soil	0.67	39.21	7.47	53.6	218	24.8	10.1	295	1.96	12.6	0.6	4.7	0.9	25.5	0.17	0.61	0.08	48	0.43
YF0600	Soil	0.57	50.69	8.99	69.8	142	65.4	22.5	485	3.63	14.9	0.5	4.5	2.0	28.0	0.12	0.37	0.04	90	0.83
YF0650	Soil	1.00	67.08	11.58	73.5	276	43.9	16.8	432	2.86	15.8	0.9	9.3	1.6	38.3	0.26	0.69	0.10	67	0.72
YF0700	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YF0750	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YF0800	Soil	0.88	55.34	8.00	64.0	136	81.0	25.9	574	3.58	8.0	0.7	1.6	1.4	28.2	0.12	0.29	0.11	90	0.75
YF0850	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YF0900	Soil	2.53	58.99	57.81	265.8	837	40.1	15.7	304	4.10	79.5	0.8	15.5	2.2	36.1	3.46	5.72	0.21	89	0.31
YF0950	Soil	1.96	33.74	162.0	373.8	9451	36.2	12.1	298	5.11	647.2	1.0	634.3	4.3	82.6	4.29	10.55	0.34	54	0.23
YF1000	Soil	1.90	91.10	28.75	282.5	1783	54.0	18.9	851	3.84	31.9	1.8	8.1	1.9	46.8	2.49	2.76	0.19	80	0.49
YF1050	Soil	9.81	108.4	234.3	616.9	1836	90.3	12.2	375	5.71	83.6	1.8	51.7	6.6	73.1	2.00	15.65	0.19	129	0.15
YG0000	Soil	1.66	41.40	7.36	30.8	653	11.5	16.8	2115	1.73	8.2	1.1	12.9	0.3	25.2	0.74	0.71	0.11	32	0.23
YG0050	Soil	1.91	50.87	18.15	57.9	961	14.8	13.4	1923	1.84	28.0	1.2	33.4	0.3	35.3	1.86	1.32	0.14	37	0.33
YG0100	Soil	3.26	53.78	24.91	129.2	296	34.4	13.0	461	5.12	23.7	0.9	5.1	3.3	25.1	0.84	1.40	0.34	93	0.26
YG0150	Soil	1.75	75.39	11.85	122.6	351	27.4	14.1	731	2.70	16.3	0.8	7.9	0.7	21.5	0.77	0.80	0.18	52	0.25
YG0200	Soil	2.06	61.89	20.03	122.6	565	26.9	12.0	507	2.79	38.7	0.7	20.0	1.1	23.8	1.39	1.42	0.25	52	0.28
YG0250	Soil	3.00	69.64	36.88	199.7	1380	31.5	13.8	500	4.05	81.8	0.7	46.0	1.7	22.2	1.31	3.90	0.49	71	0.22
YG0300	Soil	2.92	74.85	86.35	212.4	1144	51.7	20.0	616	4.25	53.6	1.0	39.5	2.8	22.7	3.66	2.79	0.22	68	0.26
YG0350	Soil	2.28	103.4	68.99	412.7	878	54.7	22.1	618	3.95	51.5	1.1	18.7	2.7	27.5	3.39	3.56	0.25	60	0.32



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 6 of 12

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
YF0000	Soil	8.2	28.3	0.36	104.6	0.069	2	1.14	0.022	0.10	<0.1	2.5	0.10	0.06	33	0.7	0.03	4.3	0.97	<0.1
YF0050	Soil	12.6	38.3	0.60	328.1	0.072	2	1.95	0.022	0.10	<0.1	4.1	0.14	0.08	53	0.9	0.08	4.7	1.16	0.1
YF0100	Soil	8.8	61.1	0.78	165.3	0.075	<1	1.76	0.017	0.07	<0.1	3.7	0.15	0.10	79	0.3	<0.02	6.5	1.32	<0.1
YF0150	Soil	16.3	38.6	0.37	181.7	0.045	1	1.49	0.011	0.09	0.2	3.9	0.11	0.13	94	1.6	0.15	4.5	0.98	<0.1
YF0200	Soil	14.6	50.7	0.84	177.7	0.113	<1	2.48	0.007	0.27	<0.1	3.7	0.30	0.03	26	0.5	0.07	8.7	2.62	<0.1
YF0250	Soil	10.7	24.0	0.35	120.9	0.114	4	1.00	0.025	0.11	<0.1	1.9	0.09	0.05	16	0.6	0.03	5.3	1.13	0.1
YF0300	Soil	7.3	78.8	1.63	429.9	0.207	<1	2.16	0.027	0.49	0.1	3.9	0.09	<0.02	22	0.4	0.03	6.7	4.51	<0.1
YF0350	Soil	32.8	129.9	1.88	1304	0.178	<1	3.21	0.013	0.89	<0.1	7.9	0.66	0.20	20	1.4	0.14	9.3	7.19	0.2
YF0400	Soil	13.9	49.6	0.83	250.4	0.117	<1	2.11	0.016	0.24	<0.1	4.1	0.19	0.04	29	0.6	0.06	6.8	2.08	<0.1
YF0450	Soil	11.2	73.4	1.25	276.2	0.160	<1	2.37	0.015	0.26	<0.1	4.9	0.19	0.03	7	0.5	0.06	7.5	2.72	<0.1
YF0500	Soil	8.1	25.9	0.44	160.8	0.067	<1	1.28	0.025	0.11	<0.1	1.9	0.07	0.03	13	0.2	0.02	5.0	1.04	<0.1
YF0550	Soil	7.5	29.9	0.49	163.9	0.080	<1	1.07	0.030	0.10	<0.1	2.2	0.06	0.03	15	0.3	<0.02	4.3	1.03	<0.1
YF0600	Soil	8.4	90.3	1.67	329.7	0.218	<1	2.28	0.024	0.51	0.1	3.9	0.13	<0.02	10	0.1	0.05	7.9	2.37	<0.1
YF0650	Soil	11.0	55.5	0.95	271.5	0.114	3	1.80	0.022	0.20	<0.1	4.3	0.11	0.05	29	0.6	0.03	5.7	1.34	<0.1
YF0700	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YF0750	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YF0800	Soil	10.3	118.1	1.34	456.3	0.171	3	2.25	0.027	0.51	<0.1	5.4	0.15	0.04	25	<0.1	0.07	7.5	1.98	<0.1
YF0850	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YF0900	Soil	10.9	46.5	0.72	291.2	0.078	2	2.20	0.013	0.08	<0.1	4.1	0.09	0.03	10	0.5	0.04	7.6	1.24	<0.1
YF0950	Soil	26.0	50.5	0.50	320.6	0.031	3	1.63	0.018	0.34	<0.1	4.7	0.23	0.65	20	8.7	0.32	5.7	1.45	<0.1
YF1000	Soil	13.8	46.9	0.79	765.0	0.074	2	2.40	0.025	0.08	<0.1	5.0	0.12	0.02	39	0.8	0.05	7.7	1.70	<0.1
YF1050	Soil	12.7	43.0	0.63	434.3	0.050	2	2.17	0.012	0.17	0.1	4.0	0.11	0.22	25	3.6	0.10	6.1	1.19	<0.1
YG0000	Soil	7.7	19.8	0.20	117.9	0.031	1	0.70	0.023	0.05	<0.1	2.1	0.12	0.09	47	0.7	0.05	3.2	0.65	<0.1
YG0050	Soil	10.3	20.1	0.26	150.8	0.036	2	1.00	0.028	0.05	<0.1	2.0	0.13	0.11	82	0.8	<0.02	4.2	0.73	<0.1
YG0100	Soil	14.5	41.2	0.49	130.9	0.158	3	2.06	0.010	0.10	0.1	3.2	0.16	0.02	9	0.3	0.09	10.0	1.81	<0.1
YG0150	Soil	8.9	28.2	0.47	148.0	0.050	2	1.71	0.019	0.12	<0.1	2.3	0.15	0.04	36	0.2	0.07	6.1	1.39	<0.1
YG0200	Soil	9.3	30.3	0.44	182.4	0.057	2	1.44	0.019	0.13	<0.1	2.5	0.14	0.05	39	0.2	0.04	5.9	1.21	<0.1
YG0250	Soil	9.8	34.2	0.51	191.7	0.067	2	1.69	0.012	0.16	<0.1	2.7	0.16	0.06	34	0.3	0.10	7.8	1.58	<0.1
YG0300	Soil	11.5	48.2	0.85	359.8	0.083	2	2.16	0.009	0.17	<0.1	3.9	0.18	0.05	47	0.7	0.10	6.5	1.82	<0.1
YG0350	Soil	13.8	41.1	0.81	318.6	0.091	1	2.05	0.010	0.29	<0.1	3.6	0.26	0.07	26	0.7	0.09	6.4	2.39	<0.1





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 6 of 12

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
YF0000	Soil	1.14	14.4	1.2	<0.05	1.9	4.02	16.0	0.02	<1	0.4	7.8	<10	<2
YF0050	Soil	1.53	14.7	0.6	<0.05	2.3	9.77	29.6	0.03	<1	0.3	13.2	<10	<2
YF0100	Soil	1.36	10.2	1.0	<0.05	1.5	4.76	16.1	0.02	<1	0.4	18.3	<10	<2
YF0150	Soil	1.26	12.6	1.0	<0.05	2.0	8.80	32.2	0.04	<1	0.3	7.4	<10	<2
YF0200	Soil	2.08	41.9	3.1	<0.05	2.4	4.54	29.2	0.04	<1	0.6	32.1	<10	<2
YF0250	Soil	0.96	15.6	1.1	<0.05	1.8	5.13	21.9	<0.02	<1	0.1	11.2	<10	<2
YF0300	Soil	2.77	38.6	1.1	<0.05	1.8	7.27	13.6	<0.02	<1	0.7	34.0	<10	<2
YF0350	Soil	0.64	90.9	5.0	<0.05	2.5	10.00	80.1	0.03	<1	1.1	39.7	<10	<2
YF0400	Soil	1.91	33.0	7.0	<0.05	2.6	7.94	31.2	0.05	<1	0.6	28.7	<10	<2
YF0450	Soil	1.62	33.4	1.6	<0.05	3.2	5.32	25.1	0.03	<1	0.3	27.4	<10	<2
YF0500	Soil	1.09	18.8	1.0	<0.05	1.9	3.85	17.6	0.02	<1	0.3	12.1	<10	<2
YF0550	Soil	1.12	13.7	0.6	<0.05	1.7	4.67	15.0	<0.02	<1	0.5	10.5	<10	<2
YF0600	Soil	3.02	47.2	1.0	<0.05	1.8	5.47	17.5	<0.02	<1	0.2	20.6	<10	<2
YF0650	Soil	2.28	22.9	1.2	<0.05	2.7	8.13	22.4	0.03	<1	0.3	16.9	<10	<2
YF0700	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YF0750	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YF0800	Soil	3.90	39.4	1.1	<0.05	1.6	7.27	23.6	0.03	<1	0.5	23.6	<10	<2
YF0850	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YF0900	Soil	1.12	10.3	3.1	<0.05	2.1	4.61	23.3	0.06	<1	0.7	17.5	<10	<2
YF0950	Soil	0.51	27.7	1.1	<0.05	0.7	6.05	55.0	0.04	<1	0.5	10.4	<10	<2
YF1000	Soil	1.20	14.7	1.2	<0.05	1.7	7.92	31.3	0.04	<1	0.3	15.9	<10	<2
YF1050	Soil	0.44	12.0	2.8	<0.05	3.2	5.10	26.5	0.04	<1	0.5	16.4	<10	<2
YG0000	Soil	0.43	7.6	1.3	<0.05	0.9	4.04	17.0	<0.02	1	0.1	2.8	<10	<2
YG0050	Soil	0.62	7.8	0.8	<0.05	1.2	5.56	24.0	<0.02	<1	0.4	5.4	<10	<2
YG0100	Soil	2.35	18.8	1.9	<0.05	5.6	4.22	30.1	0.05	<1	0.4	21.4	<10	<2
YG0150	Soil	1.45	19.0	1.1	<0.05	1.8	4.22	18.9	0.03	<1	0.5	17.1	<10	<2
YG0200	Soil	1.41	20.1	5.1	<0.05	2.0	4.19	19.5	0.04	<1	0.4	16.0	<10	<2
YG0250	Soil	1.62	23.6	4.9	<0.05	2.1	3.34	21.1	0.06	<1	0.5	21.0	<10	<2
YG0300	Soil	0.99	20.9	6.0	<0.05	2.1	4.68	28.5	0.08	<1	0.7	23.0	<10	<2
YG0350	Soil	1.26	35.3	4.4	<0.05	1.6	6.30	30.2	0.09	2	0.7	30.3	<10	<2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 7 of 12

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YG0400	Soil	2.14	74.48	77.88	250.3	1165	53.2	20.5	649	3.98	55.2	0.8	29.0	2.4	21.8	5.23	3.01	0.22	71	0.27
YG0450	Soil	1.88	82.11	24.53	277.0	618	52.7	16.9	532	3.89	59.0	1.1	31.7	1.8	22.2	2.52	1.76	0.18	68	0.27
YG0500	Soil	1.63	70.17	19.60	130.8	335	44.8	18.0	560	3.87	36.7	0.8	11.0	2.0	23.0	0.58	1.24	0.16	71	0.27
YG0550	Soil	2.45	41.08	13.53	97.1	503	33.2	13.3	394	4.02	20.9	0.5	4.4	1.4	25.4	0.74	0.75	0.19	84	0.28
YG0600	Soil	1.02	70.35	15.73	98.7	210	71.7	22.0	523	3.91	26.8	0.5	13.8	2.2	24.3	0.37	0.79	0.10	95	0.44
YG0650	Soil	1.21	36.13	12.49	73.1	243	27.8	10.9	371	2.82	20.9	0.4	5.4	1.2	20.6	0.35	0.62	0.11	60	0.30
YG0700	Soil	0.56	28.11	5.97	44.3	150	16.2	7.7	260	1.73	6.8	0.3	2.7	0.5	20.8	0.21	0.30	0.06	41	0.36
YG0750	Soil	0.59	52.36	6.66	42.2	172	24.8	10.8	380	1.89	7.7	0.4	1.9	0.7	24.2	0.16	0.27	0.08	39	0.43
YG0800	Soil	0.80	60.11	8.17	60.1	180	47.5	17.7	435	3.23	7.7	0.6	5.6	1.6	25.4	0.18	0.36	0.08	75	0.78
YG0850	Soil	0.60	58.54	7.96	86.2	264	91.6	30.1	489	3.97	11.4	0.6	3.9	1.7	36.0	0.29	0.73	0.07	93	1.30
YG0900	Soil	0.60	47.49	6.75	81.9	262	65.8	25.8	624	4.29	9.5	0.5	6.0	1.4	45.1	0.29	0.55	0.11	114	1.70
YG0950	Soil	0.66	105.6	14.29	128.8	1013	80.2	23.2	494	3.73	24.8	1.2	10.6	1.0	51.8	0.91	3.53	0.07	96	1.99
YG1000	Soil	2.02	102.7	24.31	232.3	1671	38.1	6.5	120	1.92	19.9	2.2	6.4	0.1	37.8	6.45	3.77	0.10	35	0.44
YH0000	Soil	1.65	31.66	7.30	46.2	394	13.4	13.0	1327	2.32	20.1	0.7	10.8	0.3	22.1	0.29	0.51	0.08	64	0.31
YH0050	Soil	1.45	42.33	13.39	72.3	291	22.8	16.2	1031	2.25	39.3	0.7	15.3	0.8	23.3	0.47	0.68	0.13	44	0.29
YH0100	Soil	1.61	65.71	16.93	164.1	329	39.1	17.7	583	3.80	67.2	0.7	25.8	2.3	21.3	1.00	1.66	0.17	68	0.25
YH0150	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YH0200	Soil	2.56	90.47	312.8	289.0	2811	36.6	17.8	665	4.62	135.7	0.8	58.6	3.0	29.3	2.18	3.46	0.44	60	0.24
YH0250	Soil	1.53	67.78	36.05	161.1	517	24.8	12.7	490	2.72	47.3	0.8	22.3	1.1	23.3	1.50	1.03	0.16	46	0.27
YH0300	Soil	1.98	81.25	11.73	81.1	232	36.9	19.4	713	3.18	16.9	0.8	6.7	1.1	25.7	0.32	0.84	0.16	59	0.34
YH0350	Soil	1.90	55.35	15.76	94.7	105	48.8	24.4	817	4.09	22.2	0.9	5.0	2.4	15.6	0.17	1.06	0.15	66	0.22
YH0400	Soil	2.30	119.0	26.53	104.1	578	61.3	32.5	1140	4.26	137.7	0.6	47.0	1.6	20.4	0.33	2.32	0.16	83	0.33
YH0450	Soil	1.58	54.49	15.13	83.0	379	51.1	21.2	653	3.94	24.5	0.6	5.4	1.8	19.3	0.35	0.67	0.14	76	0.28
YH0500	Soil	1.43	72.59	62.61	119.5	1015	52.5	20.5	1110	4.11	64.8	0.6	49.7	1.6	30.9	0.34	1.61	0.14	75	0.42
YH0550	Soil	1.65	51.99	17.66	89.4	284	36.2	16.7	646	3.63	25.8	0.6	7.5	1.9	23.9	1.18	0.87	0.15	71	0.29
YH0600	Soil	1.83	53.00	15.25	107.9	483	32.8	16.3	733	3.49	20.0	0.6	3.6	1.5	24.4	0.99	0.68	0.15	71	0.29
YH0650	Soil	1.35	59.24	87.69	89.1	1103	28.2	14.6	647	2.55	19.7	0.7	10.7	1.0	23.4	0.68	1.36	0.11	52	0.33
YH0700	Soil	0.79	46.66	39.55	89.2	580	32.4	10.8	347	2.64	20.7	0.5	7.5	1.5	21.1	0.40	1.01	0.10	53	0.32
YH0750	Soil	0.64	68.85	13.41	47.2	241	37.8	15.2	471	2.55	9.3	0.5	3.5	0.7	29.7	0.14	0.46	0.10	58	0.71
YH0800	Soil	1.88	45.32	8.54	58.8	313	31.1	10.4	159	3.35	11.8	0.4	2.4	1.3	15.3	0.25	0.89	0.12	75	0.14



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 7 of 12

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
YG0400	Soil	11.1	47.7	0.89	328.5	0.109	1	2.38	0.009	0.20	<0.1	4.2	0.21	0.04	26	0.5	0.07	7.4	2.06	<0.1
YG0450	Soil	11.1	42.9	0.86	268.5	0.098	2	2.39	0.010	0.20	<0.1	4.1	0.22	0.03	27	0.3	0.04	7.2	2.16	<0.1
YG0500	Soil	10.8	45.5	0.85	264.1	0.109	2	2.32	0.013	0.19	<0.1	4.4	0.20	0.03	16	0.2	0.08	6.9	1.98	<0.1
YG0550	Soil	8.5	43.3	0.72	129.1	0.090	1	2.01	0.010	0.12	<0.1	3.5	0.14	<0.02	21	0.2	0.06	8.4	1.32	<0.1
YG0600	Soil	10.0	95.1	1.38	346.1	0.147	2	2.44	0.014	0.27	0.2	5.4	0.20	<0.02	14	0.1	0.04	8.1	2.91	<0.1
YG0650	Soil	7.5	33.4	0.55	158.7	0.077	2	1.55	0.020	0.12	<0.1	2.9	0.11	0.02	23	0.2	0.05	5.9	1.07	<0.1
YG0700	Soil	6.0	22.0	0.37	126.0	0.059	1	1.06	0.029	0.07	<0.1	1.8	0.07	0.03	20	<0.1	0.02	4.0	0.71	<0.1
YG0750	Soil	7.1	29.7	0.54	196.2	0.061	2	1.29	0.026	0.08	<0.1	2.5	0.09	0.03	17	0.1	<0.02	4.4	0.84	<0.1
YG0800	Soil	10.0	65.4	1.22	231.6	0.126	1	2.05	0.024	0.24	<0.1	5.0	0.13	0.03	26	0.2	0.03	6.9	1.26	<0.1
YG0850	Soil	11.1	102.3	1.43	470.7	0.160	2	2.23	0.026	0.51	<0.1	6.2	0.19	0.05	22	0.4	0.08	8.3	2.23	0.1
YG0900	Soil	10.1	93.2	1.84	707.9	0.195	1	2.65	0.024	0.67	0.1	6.0	0.23	0.05	21	0.2	<0.02	9.5	4.37	0.1
YG0950	Soil	11.3	91.3	1.35	636.2	0.150	3	2.20	0.023	0.32	0.1	5.6	0.21	0.09	45	1.5	<0.02	8.2	3.13	0.1
YG1000	Soil	8.7	25.6	0.33	1165	0.024	2	1.26	0.017	0.06	0.1	1.5	0.10	0.08	193	4.2	0.03	4.4	1.09	<0.1
YH0000	Soil	6.4	19.5	0.26	91.4	0.064	3	0.89	0.028	0.05	<0.1	1.8	0.10	0.07	48	0.3	0.02	4.5	0.68	<0.1
YH0050	Soil	10.6	25.8	0.43	149.6	0.053	2	1.51	0.020	0.10	<0.1	2.4	0.15	0.04	41	0.2	<0.02	5.6	1.30	<0.1
YH0100	Soil	11.1	37.6	0.64	200.8	0.095	2	2.05	0.013	0.14	0.1	3.7	0.15	0.05	29	0.3	0.06	6.6	1.54	<0.1
YH0150	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YH0200	Soil	15.5	31.9	0.60	286.9	0.068	2	1.82	0.019	0.30	<0.1	3.1	0.22	0.27	34	0.5	0.15	6.4	2.19	<0.1
YH0250	Soil	10.6	24.3	0.44	111.7	0.062	3	1.47	0.021	0.16	0.1	2.1	0.14	0.07	35	0.3	<0.02	5.6	1.54	<0.1
YH0300	Soil	10.8	30.9	0.56	137.7	0.080	1	1.77	0.017	0.18	<0.1	2.8	0.18	0.03	49	0.3	0.05	6.5	1.96	<0.1
YH0350	Soil	12.4	40.6	0.80	118.2	0.098	2	2.14	0.009	0.20	<0.1	3.5	0.20	0.02	20	0.3	0.04	6.7	2.21	<0.1
YH0400	Soil	10.0	46.2	0.83	160.3	0.107	2	2.58	0.011	0.12	0.1	4.5	0.15	0.06	32	0.3	0.04	7.8	1.61	<0.1
YH0450	Soil	9.3	45.2	0.84	135.5	0.103	2	2.82	0.011	0.11	<0.1	4.5	0.13	0.04	29	0.3	0.04	7.6	1.27	<0.1
YH0500	Soil	10.1	44.0	0.75	221.6	0.090	2	2.27	0.010	0.11	<0.1	4.0	0.11	0.04	38	0.2	0.10	6.9	1.39	<0.1
YH0550	Soil	10.8	40.4	0.73	193.5	0.103	2	1.98	0.015	0.19	0.1	3.6	0.15	0.03	15	0.2	0.09	7.0	1.48	<0.1
YH0600	Soil	9.1	36.2	0.65	206.4	0.086	1	1.82	0.017	0.13	<0.1	3.2	0.12	0.02	14	0.1	0.05	7.1	1.19	<0.1
YH0650	Soil	9.8	33.0	0.57	180.4	0.070	1	1.66	0.023	0.11	0.1	3.4	0.11	0.03	32	0.2	0.03	5.7	1.15	<0.1
YH0700	Soil	9.8	35.2	0.65	181.9	0.087	2	1.68	0.021	0.15	0.1	3.4	0.13	0.02	18	0.2	0.02	5.4	1.35	<0.1
YH0750	Soil	8.7	49.8	0.84	266.0	0.080	1	1.63	0.023	0.09	<0.1	3.4	0.08	0.04	35	0.2	0.02	5.6	1.01	<0.1
YH0800	Soil	6.6	38.2	0.52	78.2	0.101	1	1.60	0.012	0.10	0.1	2.6	0.08	0.02	20	0.2	0.03	7.2	0.89	<0.1





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 7 of 12

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
YG0400	Soil	1.44	28.1	4.1	<0.05	2.9	4.85	27.7	0.04	<1	0.5	29.4	<10
YG0450	Soil	1.51	30.1	1.2	<0.05	2.2	6.85	25.0	0.04	<1	0.6	32.8	<10
YG0500	Soil	1.59	27.9	2.5	<0.05	2.8	5.73	25.2	0.03	<1	0.6	28.7	<10
YG0550	Soil	1.69	19.4	1.5	<0.05	2.5	4.00	19.5	<0.02	<1	0.5	22.0	<10
YG0600	Soil	1.58	28.3	2.0	<0.05	3.5	5.83	21.5	0.02	<1	0.5	29.5	<10
YG0650	Soil	1.29	16.2	1.6	<0.05	2.3	3.79	17.3	0.02	<1	0.4	16.7	<10
YG0700	Soil	0.92	10.9	0.6	<0.05	1.5	3.97	13.0	<0.02	1	0.2	9.2	<10
YG0750	Soil	1.38	16.5	0.7	<0.05	2.0	4.88	15.4	<0.02	2	0.3	12.2	<10
YG0800	Soil	2.75	25.3	1.8	<0.05	2.3	8.20	22.2	0.03	<1	0.4	22.8	<10
YG0850	Soil	5.33	42.7	0.8	<0.05	2.1	10.62	26.0	0.02	<1	0.4	27.7	<10
YG0900	Soil	9.75	55.4	0.8	<0.05	1.9	10.01	22.6	0.03	<1	0.4	36.5	<10
YG0950	Soil	7.50	34.7	1.0	<0.05	2.5	13.21	23.0	0.02	3	0.5	28.8	<10
YG1000	Soil	0.91	9.4	1.1	<0.05	0.9	8.98	17.9	0.02	<1	0.4	8.2	<10
YH0000	Soil	0.65	8.4	0.6	<0.05	1.6	3.68	15.7	<0.02	<1	0.2	5.1	<10
YH0050	Soil	1.20	16.8	1.1	<0.05	1.5	4.97	22.8	<0.02	<1	0.4	13.9	<10
YH0100	Soil	1.60	19.1	1.0	<0.05	3.5	4.96	24.5	0.04	2	0.5	21.0	<10
YH0150	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YH0200	Soil	1.19	29.4	3.1	<0.05	1.5	4.42	32.6	0.10	2	0.8	21.4	<10
YH0250	Soil	1.33	22.3	1.0	<0.05	1.2	4.78	22.8	0.03	<1	0.4	15.2	<10
YH0300	Soil	1.68	28.2	0.8	<0.05	1.9	5.11	23.6	0.03	<1	0.5	19.6	<10
YH0350	Soil	1.59	27.1	0.5	<0.05	2.2	4.85	30.9	0.03	<1	0.6	27.0	<10
YH0400	Soil	1.14	14.5	0.8	<0.05	2.2	5.52	30.6	0.04	<1	0.6	23.4	<10
YH0450	Soil	1.47	13.5	0.7	<0.05	3.8	5.43	27.5	0.03	<1	0.7	19.0	<10
YH0500	Soil	1.17	13.0	1.1	<0.05	2.2	5.52	24.1	0.04	<1	0.6	17.6	<10
YH0550	Soil	1.49	23.4	1.7	<0.05	3.1	4.81	24.8	0.03	<1	0.5	19.8	<10
YH0600	Soil	1.50	21.3	1.1	<0.05	2.8	4.07	21.5	<0.02	<1	0.5	17.3	<10
YH0650	Soil	1.17	18.9	1.6	<0.05	2.0	6.25	21.7	0.02	<1	0.5	14.6	<10
YH0700	Soil	1.31	22.5	1.1	<0.05	1.8	5.23	21.3	<0.02	<1	0.4	17.7	<10
YH0750	Soil	2.17	14.0	0.5	<0.05	2.4	7.26	18.3	<0.02	<1	0.3	14.9	<10
YH0800	Soil	2.62	12.3	0.7	<0.05	3.2	3.34	17.4	<0.02	<1	0.3	14.6	<10



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 8 of 12

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte	Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
YH0850	Soil		0.25	8.97	1.34	10.3	14	3.8	2.0	41	0.69	0.6	0.2	1.8	<0.1	15.4	0.05	0.07	0.10	20
YH0900	Soil		0.80	126.8	6.57	79.6	251	146.4	39.4	778	4.65	5.4	0.8	3.3	2.1	49.3	0.23	0.38	0.13	122
YH0950	Soil		0.62	79.05	6.01	59.4	180	96.5	26.4	555	3.56	6.1	0.9	2.9	1.6	49.3	0.20	0.50	0.10	96
YH1000	Soil		0.61	55.29	5.85	72.6	185	73.6	23.5	410	3.55	5.6	0.7	4.5	1.7	48.8	0.24	0.57	0.07	99
YH1050	Soil		2.61	82.68	17.14	263.5	1627	61.3	20.9	751	3.37	17.6	1.9	7.5	1.8	25.7	7.09	3.08	0.19	121
YH1100	Soil		6.15	77.20	28.16	598.9	1235	108.7	23.7	530	4.14	32.4	2.6	10.8	4.6	47.6	2.96	9.84	0.21	91
YH1150	Soil		1.54	64.33	83.64	312.2	1637	58.4	20.0	430	3.41	30.5	1.4	24.3	2.5	55.1	2.38	6.61	0.11	87
YH1200	Soil		703.5	641.0	2207	3629	26575	434.7	21.9	1115	6.03	448.1	25.7	137.8	6.3	221.2	45.82	199.6	0.68	259
YH1250	Soil		0.18	108.1	14.09	86.1	348	78.3	25.8	731	3.98	9.4	1.4	3.9	1.8	40.3	0.22	0.48	0.09	107
YI0000	Soil		2.23	72.65	21.43	124.4	299	45.9	21.9	696	3.81	34.0	1.1	21.9	3.7	27.6	0.44	1.19	0.26	80
YI0050	Soil		1.96	70.34	17.79	114.9	176	36.7	22.5	833	3.17	33.4	0.8	17.0	3.0	22.5	0.32	1.25	0.21	69
YI0100	Soil		1.26	33.56	20.78	91.2	166	29.1	10.9	321	3.08	38.5	0.7	8.1	2.9	23.3	0.40	0.94	0.25	71
YI0150	Soil		1.59	54.39	39.45	133.5	390	33.2	13.1	428	3.85	183.4	1.1	27.9	2.0	24.8	0.49	2.07	0.29	68
YI0200	Soil		1.12	61.29	25.83	130.5	248	43.2	17.9	604	3.58	82.9	1.4	21.7	5.8	23.9	0.36	1.62	0.25	58
YI0250	Soil		1.31	53.36	33.17	121.1	409	36.2	15.5	599	3.63	62.2	1.3	18.3	3.7	24.1	0.34	1.17	0.24	62
YI0300	Soil		1.33	46.84	27.52	117.8	292	41.0	18.0	704	3.71	22.7	1.4	34.6	3.9	24.3	0.25	1.29	0.19	64
YI0350	Soil		1.76	48.21	20.45	97.3	245	28.6	15.8	760	3.21	13.3	0.9	7.4	1.1	25.3	0.55	0.95	0.17	66
YI0400	Soil		1.41	40.15	13.95	90.3	50	46.8	18.6	468	4.07	9.2	1.5	1.8	6.0	15.4	0.17	1.15	0.19	56
YI0450	Soil		1.81	47.79	11.69	83.1	92	42.8	18.4	522	3.99	17.2	0.9	3.4	2.7	18.4	0.21	0.96	0.20	79
YI0500	Soil		1.09	73.08	16.68	87.1	385	48.2	18.4	963	3.43	26.9	0.9	36.1	3.5	27.7	0.23	1.18	0.16	76
YI0550	Soil		1.46	77.99	15.81	88.0	185	47.4	20.7	888	3.83	19.5	1.0	11.5	2.5	29.3	0.22	0.82	0.18	81
YI0600	Soil		1.52	53.04	25.73	92.2	400	46.9	18.9	586	3.95	38.6	1.1	10.8	3.1	20.9	0.19	1.05	0.17	85
YI0650	Soil		0.85	53.67	35.54	133.7	334	44.1	14.6	450	3.23	34.8	0.8	19.1	3.1	24.2	0.15	1.78	0.15	59
YI0700	Soil		1.01	62.95	23.79	98.0	417	43.6	15.7	559	3.16	27.0	1.0	9.5	2.6	34.3	0.30	1.23	0.14	68
YI0850	Soil		0.49	64.08	2.75	88.2	74	53.8	29.7	447	4.81	2.8	0.3	1.1	1.2	54.1	0.11	0.18	<0.02	144
YI0900	Soil		1.13	46.49	12.40	125.3	145	231.2	46.5	1309	6.22	3.5	1.4	1.0	6.0	68.5	0.33	0.39	0.06	151
YI0950	Soil		0.78	113.2	6.79	84.8	266	139.1	35.8	628	4.64	6.4	0.6	2.8	2.4	48.1	0.21	0.73	0.06	127
YI1000	Soil		0.89	88.97	7.52	88.6	342	158.8	35.2	639	4.65	9.1	0.8	4.3	2.7	75.8	0.25	1.10	0.07	124
YI1050	Soil		2.19	99.84	28.15	193.5	1098	109.3	24.8	559	4.50	22.7	1.6	9.7	4.8	67.3	0.75	6.99	0.09	129
YJ0000	Soil		1.59	44.16	27.28	93.3	472	22.4	13.8	1217	2.39	32.4	0.9	18.9	1.0	23.2	0.27	1.00	0.16	50



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 8 of 12

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
YH0850	Soil	2.0	4.6	0.07	37.2	0.034	<1	0.34	0.041	0.06	<0.1	0.6	<0.02	<0.02	8	<0.1	0.02	1.7	0.14	<0.1
YH0900	Soil	12.5	158.9	1.99	907.0	0.245	2	2.79	0.035	0.72	0.1	7.8	0.23	0.07	27	0.9	0.05	9.4	3.48	0.1
YH0950	Soil	10.8	111.5	1.45	606.8	0.193	3	2.18	0.032	0.50	0.1	5.8	0.16	0.09	35	0.8	0.05	7.2	2.37	0.1
YH1000	Soil	9.9	91.1	1.60	465.4	0.211	2	2.19	0.033	0.59	0.1	5.1	0.12	0.07	24	0.6	<0.02	7.9	1.98	0.1
YH1050	Soil	10.9	49.3	0.76	258.9	0.109	2	1.57	0.017	0.13	0.1	4.3	0.09	0.04	10	0.7	0.07	7.1	1.47	<0.1
YH1100	Soil	17.7	46.2	1.45	287.0	0.113	3	2.41	0.021	0.16	0.2	6.2	0.18	0.08	25	2.6	0.04	6.7	2.20	<0.1
YH1150	Soil	13.8	60.3	1.10	367.8	0.141	2	1.95	0.035	0.15	0.2	5.4	0.10	0.05	45	1.3	0.02	6.0	1.36	<0.1
YH1200	Soil	35.2	61.4	0.38	566.4	0.019	3	0.95	0.008	0.21	2.6	6.3	0.13	0.19	728	47.2	1.07	3.0	2.73	<0.1
YH1250	Soil	15.5	123.0	1.58	444.4	0.168	2	2.37	0.020	0.31	<0.1	8.4	0.17	0.04	44	0.4	0.06	8.0	2.02	<0.1
YI0000	Soil	15.1	48.7	0.87	198.9	0.143	2	2.35	0.011	0.22	<0.1	4.6	0.25	0.02	29	0.4	0.10	8.1	2.26	<0.1
YI0050	Soil	12.8	33.4	0.62	138.6	0.112	1	1.65	0.014	0.22	<0.1	2.6	0.19	0.03	13	0.1	0.05	6.6	1.90	<0.1
YI0100	Soil	12.6	36.1	0.62	101.6	0.131	1	1.43	0.012	0.17	<0.1	2.8	0.13	0.03	32	0.4	0.03	6.2	1.34	<0.1
YI0150	Soil	15.1	35.2	0.60	131.0	0.075	2	1.95	0.014	0.15	0.1	2.7	0.20	0.05	29	0.2	0.08	7.2	2.03	<0.1
YI0200	Soil	20.7	36.1	0.79	174.6	0.128	1	2.04	0.012	0.38	<0.1	3.1	0.34	0.03	16	0.2	0.10	6.5	3.01	<0.1
YI0250	Soil	18.4	35.1	0.67	137.7	0.102	2	1.87	0.014	0.24	<0.1	3.0	0.21	0.03	36	0.3	0.07	6.3	2.35	<0.1
YI0300	Soil	18.0	36.3	0.73	138.3	0.100	2	1.90	0.011	0.20	<0.1	3.5	0.18	0.03	25	0.3	0.06	6.0	1.95	<0.1
YI0350	Soil	10.1	30.9	0.49	121.1	0.077	1	1.59	0.018	0.09	<0.1	2.6	0.10	0.04	31	0.2	0.06	6.3	1.30	<0.1
YI0400	Soil	21.9	39.8	0.89	111.3	0.122	1	2.43	0.009	0.24	<0.1	4.4	0.28	<0.02	12	0.4	0.04	6.2	2.99	<0.1
YI0450	Soil	11.8	44.0	0.83	124.5	0.120	2	2.36	0.009	0.18	<0.1	4.2	0.20	0.03	20	0.3	0.08	7.6	2.08	<0.1
YI0500	Soil	14.3	41.8	0.83	159.5	0.147	2	1.90	0.017	0.19	0.1	3.9	0.14	0.04	23	0.2	0.08	5.7	1.60	<0.1
YI0550	Soil	14.5	48.3	0.90	203.0	0.125	2	2.35	0.013	0.19	<0.1	4.7	0.13	0.03	18	0.2	0.06	7.2	1.73	<0.1
YI0600	Soil	16.5	54.4	0.94	132.9	0.115	2	2.67	0.012	0.11	<0.1	6.4	0.14	0.03	19	0.4	0.04	7.6	1.49	<0.1
YI0650	Soil	11.3	40.7	0.78	150.0	0.118	1	1.64	0.012	0.29	<0.1	3.4	0.28	0.04	18	0.3	0.07	5.2	2.76	<0.1
YI0700	Soil	14.5	43.8	0.76	201.6	0.118	<1	1.90	0.021	0.19	<0.1	4.2	0.16	0.03	35	0.4	0.05	6.5	1.73	<0.1
YI0850	Soil	7.6	73.1	2.35	411.3	0.295	1	2.89	0.025	1.12	0.1	4.6	0.08	<0.02	6	0.1	<0.02	12.6	3.09	0.1
YI0900	Soil	26.3	244.6	3.10	1060	0.339	<1	4.49	0.041	1.24	<0.1	10.0	0.43	0.08	12	0.4	0.04	12.7	4.26	0.1
YI0950	Soil	14.8	152.3	2.09	725.8	0.246	2	2.94	0.039	1.00	<0.1	6.7	0.18	0.04	15	0.5	0.04	10.1	2.91	0.1
YI1000	Soil	14.3	161.6	2.10	1112	0.239	1	3.20	0.051	0.93	<0.1	8.0	0.20	0.04	23	0.4	0.02	9.7	3.52	0.1
YI1050	Soil	25.8	121.2	1.84	4001	0.251	2	3.11	0.030	0.23	0.2	11.3	0.12	0.05	49	1.4	0.04	9.2	2.39	0.2
YJ0000	Soil	9.8	26.0	0.45	127.7	0.072	1	1.39	0.027	0.12	<0.1	2.5	0.16	0.05	46	0.2	0.05	5.7	1.61	<0.1





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 8 of 12

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
YH0850	Soil	0.38	2.0	0.3	<0.05	0.6	1.04	4.6	<0.02	1	<0.1	1.3	<10
YH0900	Soil	7.63	56.3	0.8	<0.05	2.4	14.90	25.7	0.03	<1	0.4	37.0	<10
YH0950	Soil	6.47	39.3	0.7	<0.05	3.1	11.74	23.0	0.02	<1	0.5	26.7	<10
YH1000	Soil	7.59	37.3	0.7	<0.05	2.3	9.54	20.0	0.03	3	0.2	24.5	<10
YH1050	Soil	1.68	18.9	0.8	<0.05	2.9	5.15	23.5	0.04	<1	0.4	13.2	<10
YH1100	Soil	1.48	18.6	1.0	<0.05	3.3	13.56	39.4	0.04	2	0.8	22.0	<10
YH1150	Soil	2.61	14.8	2.3	<0.05	3.1	9.80	28.7	0.05	<1	0.4	18.8	<10
YH1200	Soil	0.28	14.2	15.2	<0.05	2.4	56.40	46.0	0.18	89	1.3	6.9	<10
YH1250	Soil	4.62	39.8	0.9	<0.05	2.7	14.07	27.8	0.03	<1	0.3	26.2	<10
YI0000	Soil	1.60	35.0	1.3	<0.05	3.6	5.36	31.3	0.03	<1	0.4	26.9	<10
YI0050	Soil	1.25	29.2	0.9	<0.05	2.2	3.75	28.0	0.02	<1	0.6	20.9	<10
YI0100	Soil	1.79	25.8	0.8	<0.05	2.8	3.77	25.2	0.02	<1	0.2	16.3	<10
YI0150	Soil	1.32	26.3	0.9	<0.05	1.3	4.24	31.0	0.02	2	0.5	24.8	<10
YI0200	Soil	1.49	51.9	0.9	<0.05	2.6	5.54	44.4	<0.02	<1	0.6	31.9	<10
YI0250	Soil	1.46	35.6	1.0	<0.05	1.6	5.39	38.9	0.03	<1	0.6	26.9	<10
YI0300	Soil	1.14	28.6	0.8	<0.05	1.7	5.88	41.6	0.02	<1	0.5	28.2	<10
YI0350	Soil	1.08	13.9	0.8	<0.05	1.6	4.01	22.9	<0.02	<1	0.4	17.0	<10
YI0400	Soil	1.71	39.0	0.9	<0.05	2.1	5.78	51.3	<0.02	<1	0.8	31.6	<10
YI0450	Soil	1.87	28.2	0.9	<0.05	2.4	4.80	30.8	0.03	<1	0.4	24.5	<10
YI0500	Soil	1.14	21.2	0.8	<0.05	3.6	5.01	29.3	0.03	<1	0.3	18.5	<10
YI0550	Soil	1.26	22.1	0.9	<0.05	3.0	6.51	33.2	0.03	<1	0.6	21.4	<10
YI0600	Soil	1.24	16.8	1.1	<0.05	4.1	8.80	40.0	0.03	<1	0.6	19.4	<10
YI0650	Soil	0.83	42.8	0.7	<0.05	2.6	4.77	23.6	0.02	<1	0.4	28.0	<10
YI0700	Soil	1.58	28.1	0.8	<0.05	2.7	8.09	32.9	0.03	<1	0.6	21.8	<10
YI0850	Soil	4.03	52.2	0.7	<0.05	0.9	9.82	16.0	<0.02	<1	0.3	29.6	<10
YI0900	Soil	1.58	91.4	0.8	<0.05	1.2	17.90	53.8	0.05	<1	0.9	39.4	<10
YI0950	Soil	4.00	58.2	0.8	<0.05	1.4	14.21	28.8	0.04	<1	0.6	33.6	<10
YI1000	Soil	3.97	54.7	0.8	<0.05	1.7	13.23	29.1	0.03	<1	0.6	31.8	<10
YI1050	Soil	1.70	17.5	1.1	<0.05	4.7	20.05	32.8	0.03	<1	0.4	32.4	<10
YJ0000	Soil	1.28	19.6	0.6	<0.05	1.3	3.84	19.8	<0.02	<1	0.2	14.1	<10



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 9 of 12

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YJ0050	Soil	1.22	30.68	21.66	74.8	163	19.0	14.5	1274	2.34	23.8	0.5	14.8	1.3	17.6	0.26	0.87	0.14	56	0.17
YJ0100	Soil	1.35	47.24	26.04	86.2	548	23.1	8.3	325	2.32	36.4	0.8	13.7	0.9	26.0	0.87	1.08	0.19	49	0.26
YJ0150	Soil	1.40	53.93	24.62	101.6	393	27.5	13.8	664	2.85	50.6	1.0	20.2	1.8	24.5	0.32	1.08	0.20	53	0.28
YJ0200	Soil	1.15	49.95	17.00	105.5	304	29.4	15.9	882	3.02	39.3	1.0	20.2	2.0	28.1	0.38	0.93	0.18	65	0.32
YJ0250	Soil	1.36	58.44	24.53	132.0	276	39.0	16.7	741	3.61	84.7	1.2	41.0	4.5	23.6	0.33	1.49	0.21	62	0.27
YJ0300	Soil	1.37	49.51	13.01	99.4	172	29.9	16.7	872	3.32	26.2	0.9	12.2	2.5	28.1	0.29	1.01	0.17	72	0.31
YJ0350	Soil	1.38	46.47	21.16	105.0	297	33.2	15.3	740	3.17	82.9	1.1	61.3	2.9	24.4	0.37	1.52	0.31	52	0.25
YJ0400	Soil	0.96	48.10	17.58	101.3	268	40.2	15.0	775	3.40	121.9	1.2	29.4	4.7	12.1	0.36	2.57	0.25	38	0.09
YJ0450	Soil	1.39	36.75	13.89	77.3	85	43.7	18.7	738	3.71	27.8	0.8	11.5	3.4	20.4	0.28	1.19	0.18	67	0.23
YJ0500	Soil	0.98	82.66	37.32	88.4	277	52.2	15.3	570	3.29	27.7	0.8	23.7	2.7	25.7	0.32	1.44	0.14	73	0.31
YJ0550	Soil	2.09	40.13	11.93	77.2	153	22.3	9.2	328	3.16	13.7	0.6	3.1	1.1	29.2	0.37	0.84	0.20	66	0.25
YJ0600	Soil	1.84	72.56	76.53	122.4	1028	43.5	18.2	828	3.83	61.0	0.8	28.6	2.1	32.1	0.94	2.00	0.19	75	0.33
YJ0650	Soil	1.58	59.04	43.21	94.4	743	35.9	15.2	611	3.26	31.9	0.8	45.7	2.1	28.6	0.53	1.52	0.15	68	0.29
YJ0700	Soil	1.24	57.28	49.73	93.3	614	36.5	13.0	546	2.94	30.8	0.8	28.2	2.6	29.9	0.41	1.77	0.12	62	0.36
YJ0750	Soil	1.19	60.92	38.48	85.3	553	42.5	14.7	521	3.30	28.2	0.9	17.0	3.2	31.2	0.32	1.48	0.13	70	0.37
YJ0800	Soil	0.96	56.14	19.55	65.6	447	35.2	13.4	347	2.77	17.4	0.8	17.3	1.9	33.7	0.26	0.84	0.10	64	0.48
YJ0850	Soil	0.68	83.09	10.75	58.3	276	57.3	18.3	315	3.08	10.4	0.8	4.4	2.6	27.7	0.09	0.62	0.07	73	0.74
YJ0900	Soil	0.80	65.39	10.32	75.8	284	61.4	20.9	503	3.59	14.8	0.9	5.8	3.3	47.1	0.18	0.88	0.11	77	0.87
YJ0950	Soil	0.55	51.89	5.79	67.3	140	42.2	15.9	393	2.70	7.3	0.6	3.4	1.4	56.8	0.23	0.52	0.04	63	1.29
YJ1000	Soil	0.67	64.08	6.42	67.3	121	72.0	23.5	425	3.60	7.4	0.6	4.2	2.5	43.1	0.14	0.53	0.05	90	1.07
YJ1050	Soil	0.47	88.58	5.93	61.1	159	125.8	29.8	542	3.65	6.6	0.7	0.6	1.5	62.2	0.18	0.39	0.02	83	1.83
YJ1100	Soil	7.09	85.38	11.35	248.5	626	98.5	16.6	804	3.43	20.7	1.6	7.8	2.4	81.6	2.37	8.60	0.10	85	0.78
YJ1150	Soil	12.52	120.3	4275	471.0	62102	51.5	11.4	271	3.32	378.2	1.8	374.1	3.8	121.7	7.79	328.0	0.42	77	0.70
YJ1200	Soil	0.59	58.92	15.34	164.2	324	77.7	21.4	487	3.59	16.7	1.0	4.3	3.6	67.3	0.72	3.03	0.06	76	1.63
YJ1250	Soil	1.61	28.81	13.34	75.8	386	42.7	14.1	238	3.09	29.2	0.6	28.4	2.0	26.4	0.47	1.47	0.13	73	0.33
YJ1300	Soil	1.48	53.55	10.97	90.2	246	54.6	18.5	431	3.39	20.6	0.8	3.6	4.4	50.1	0.62	1.49	0.07	67	0.85
YJ1350	Soil	2.10	80.04	9.96	89.7	728	61.5	15.9	363	2.83	25.3	1.1	13.0	3.7	108.4	0.51	1.63	0.09	64	4.00
YJ1400	Soil	1.16	55.72	9.51	70.6	221	56.1	16.7	403	3.03	22.8	0.8	5.3	4.8	111.1	0.28	1.48	0.11	56	3.26
YK0000	Soil	1.53	56.81	15.11	92.0	452	23.1	13.0	1326	2.07	18.3	0.8	8.4	0.8	29.4	0.71	1.27	0.07	41	0.31
YK0050	Soil	1.64	53.92	19.58	94.6	385	25.2	14.2	830	2.51	22.3	0.7	10.4	1.4	28.1	0.63	1.35	0.13	55	0.28



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 9 of 12

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La ppm 0.5	Cr ppm 0.5	Mg % 0.01	Ba ppm 0.5	Ti % 0.001	B ppm 1	Al % 0.01	Na % 0.001	K % 0.01	W ppm 0.1	Sc ppm 0.1	Ti ppm 0.02	S % 0.02	Hg ppb 5	Se ppm 0.1	Te ppm 0.02	Ga ppm 0.1	Cs ppm 0.02	Ge ppm 0.1
YJ0050	Soil	7.7	24.2	0.42	110.0	0.095	1	1.07	0.028	0.11	<0.1	2.0	0.11	0.03	14	0.1	0.06	4.9	1.33	<0.1
YJ0100	Soil	8.8	25.3	0.46	135.8	0.066	2	1.27	0.022	0.12	<0.1	2.2	0.12	0.06	37	0.2	0.05	5.5	1.48	<0.1
YJ0150	Soil	11.9	30.0	0.55	127.3	0.080	2	1.62	0.020	0.18	<0.1	2.6	0.17	0.04	30	0.1	0.07	6.2	2.01	<0.1
YJ0200	Soil	13.0	29.1	0.52	131.3	0.101	1	1.53	0.018	0.20	<0.1	2.9	0.18	0.03	31	0.2	0.07	6.4	2.00	0.1
YJ0250	Soil	18.2	36.0	0.74	148.5	0.109	2	1.90	0.010	0.33	<0.1	3.3	0.26	0.03	28	<0.1	0.12	6.4	2.74	<0.1
YJ0300	Soil	13.4	27.5	0.51	135.3	0.104	2	1.59	0.015	0.18	<0.1	2.6	0.17	0.03	23	0.2	0.08	6.3	1.90	<0.1
YJ0350	Soil	14.6	27.0	0.52	114.8	0.097	3	1.46	0.016	0.22	0.1	2.7	0.19	0.04	25	0.3	0.05	5.5	2.09	<0.1
YJ0400	Soil	15.2	25.0	0.52	115.2	0.087	2	1.63	0.007	0.25	<0.1	3.1	0.23	0.02	21	0.2	0.08	4.6	2.68	<0.1
YJ0450	Soil	13.4	41.6	0.76	139.3	0.123	3	2.47	0.016	0.13	0.1	4.3	0.13	0.03	29	0.3	0.04	6.0	1.35	<0.1
YJ0500	Soil	11.9	43.8	0.78	186.1	0.141	2	1.99	0.018	0.14	0.1	4.1	0.13	0.03	23	0.2	0.07	5.8	1.37	<0.1
YJ0550	Soil	8.5	27.9	0.44	149.8	0.086	1	1.34	0.020	0.07	0.1	2.2	0.10	0.03	15	0.1	0.04	7.1	1.16	<0.1
YJ0600	Soil	12.3	41.2	0.70	198.1	0.110	2	1.98	0.016	0.19	0.1	3.5	0.13	0.05	38	0.3	0.08	7.0	1.71	<0.1
YJ0650	Soil	11.8	38.7	0.66	190.0	0.110	2	1.70	0.019	0.14	0.1	3.1	0.12	0.04	19	0.3	0.02	6.2	1.41	<0.1
YJ0700	Soil	13.1	37.3	0.64	193.6	0.115	1	1.47	0.019	0.16	0.1	3.2	0.12	0.04	27	0.2	0.07	5.2	1.30	<0.1
YJ0750	Soil	14.5	45.2	0.79	222.5	0.135	2	1.82	0.020	0.17	0.1	4.2	0.15	0.03	17	0.2	0.08	6.0	1.66	<0.1
YJ0800	Soil	11.4	40.3	0.71	236.5	0.124	<1	1.53	0.030	0.18	0.2	3.1	0.10	0.03	21	0.3	<0.02	5.9	1.27	<0.1
YJ0850	Soil	14.2	76.8	1.29	254.3	0.165	<1	1.83	0.028	0.27	0.1	4.7	0.11	<0.02	25	0.3	0.03	6.7	1.43	<0.1
YJ0900	Soil	18.1	69.8	1.19	254.6	0.148	2	1.93	0.030	0.23	0.1	6.1	0.14	0.03	27	0.4	0.07	6.6	1.47	<0.1
YJ0950	Soil	11.7	49.7	0.99	274.9	0.155	3	1.60	0.033	0.28	0.2	3.4	0.09	0.05	38	0.3	<0.02	6.0	1.43	<0.1
YJ1000	Soil	12.9	86.8	1.50	404.0	0.219	3	2.06	0.033	0.61	0.1	4.8	0.13	0.03	19	0.2	0.02	7.9	2.11	<0.1
YJ1050	Soil	11.9	146.2	1.35	467.6	0.224	4	2.04	0.052	0.51	0.2	6.4	0.17	0.05	22	0.6	0.09	7.0	2.04	0.1
YJ1100	Soil	13.4	57.7	0.69	>10000	0.099	1	1.72	0.028	0.37	0.2	6.3	0.16	0.03	109	1.4	0.04	4.1	1.15	<0.1
YJ1150	Soil	15.7	42.3	0.63	1061	0.088	4	0.91	0.020	0.24	0.6	4.1	0.12	0.29	1030	14.0	0.20	5.4	1.31	0.2
YJ1200	Soil	18.0	88.8	1.37	285.1	0.194	3	1.94	0.037	0.46	0.2	6.0	0.19	0.03	24	0.4	0.02	6.7	2.14	0.1
YJ1250	Soil	9.0	50.3	0.78	198.1	0.117	1	1.71	0.019	0.08	0.1	3.8	0.09	0.03	15	0.2	0.05	6.6	0.96	<0.1
YJ1300	Soil	18.4	50.5	1.08	195.1	0.156	3	1.85	0.027	0.19	0.2	5.5	0.17	<0.02	26	0.4	0.07	6.3	1.77	<0.1
YJ1350	Soil	17.5	47.9	1.10	167.8	0.106	2	1.58	0.031	0.18	0.2	4.9	0.21	0.04	124	1.1	0.03	5.0	1.82	<0.1
YJ1400	Soil	18.2	55.2	0.99	181.9	0.108	3	1.68	0.025	0.27	0.1	4.6	0.17	<0.02	16	0.3	0.05	5.4	1.63	<0.1
YK0000	Soil	10.1	24.3	0.44	154.8	0.073	3	1.34	0.033	0.09	0.1	2.4	0.12	0.06	62	0.5	<0.02	5.0	1.24	<0.1
YK0050	Soil	10.9	27.2	0.50	159.4	0.086	2	1.39	0.023	0.10	<0.1	2.6	0.11	0.03	33	0.2	0.06	5.9	1.31	<0.1





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 9 of 12

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
YJ0050	Soil	0.91	16.5	0.7	<0.05	1.2	2.22	15.5	<0.02	<1	0.2	10.3	<10
YJ0100	Soil	1.37	20.0	0.7	<0.05	1.6	3.50	18.6	0.02	<1	0.3	13.0	<10
YJ0150	Soil	1.40	28.3	0.5	<0.05	1.6	3.79	24.6	0.02	<1	0.3	18.8	<10
YJ0200	Soil	1.30	30.9	1.1	<0.05	1.5	4.37	27.7	0.02	<1	0.5	17.6	<10
YJ0250	Soil	1.23	42.6	0.9	<0.05	1.6	4.71	38.0	0.03	<1	0.5	25.5	<10
YJ0300	Soil	1.16	26.3	1.1	<0.05	1.5	4.63	29.5	<0.02	<1	0.6	17.8	<10
YJ0350	Soil	1.16	28.8	1.1	0.06	1.4	4.78	30.1	0.10	<1	0.4	19.9	<10
YJ0400	Soil	0.67	31.0	0.6	<0.05	1.9	4.31	32.8	0.04	<1	0.6	16.6	<10
YJ0450	Soil	1.24	15.3	0.9	<0.05	4.2	4.89	34.2	0.03	<1	0.6	18.9	<10
YJ0500	Soil	1.20	15.4	0.8	<0.05	3.4	6.07	27.2	0.03	<1	0.5	17.3	<10
YJ0550	Soil	1.39	18.4	0.7	<0.05	2.3	2.64	17.0	0.03	<1	0.3	14.3	<10
YJ0600	Soil	1.45	21.4	1.5	<0.05	3.1	4.97	24.8	0.03	<1	0.5	23.3	<10
YJ0650	Soil	1.37	19.8	1.0	<0.05	2.7	4.76	24.2	0.04	<1	0.5	17.6	<10
YJ0700	Soil	1.17	19.0	1.2	<0.05	3.0	5.79	25.7	0.03	<1	0.3	16.2	<10
YJ0750	Soil	1.39	23.1	0.9	<0.05	3.3	6.15	28.3	0.03	<1	0.3	22.3	<10
YJ0800	Soil	1.86	19.8	0.8	<0.05	2.6	5.87	23.0	0.03	<1	0.3	19.3	<10
YJ0850	Soil	2.52	25.2	0.6	<0.05	2.6	7.66	26.9	0.02	<1	0.3	21.8	<10
YJ0900	Soil	2.63	25.6	0.9	<0.05	3.4	12.66	34.7	0.02	1	0.6	22.3	<10
YJ0950	Soil	3.77	23.4	0.5	<0.05	2.8	8.73	23.3	<0.02	1	0.4	17.0	<10
YJ1000	Soil	4.63	39.9	0.7	<0.05	2.8	10.07	27.0	0.03	<1	0.4	26.0	<10
YJ1050	Soil	5.20	41.0	0.6	<0.05	2.0	11.28	24.1	0.03	2	0.2	24.9	<10
YJ1100	Soil	2.00	25.4	0.6	<0.05	2.1	16.12	23.6	0.02	<1	0.7	12.2	<10
YJ1150	Soil	1.04	15.5	92.4	<0.05	5.2	9.93	25.8	0.08	2	0.4	8.4	<10
YJ1200	Soil	3.06	36.3	0.6	<0.05	2.7	10.86	35.4	0.03	<1	0.5	23.6	<10
YJ1250	Soil	1.95	10.4	0.7	<0.05	2.6	3.50	17.5	0.03	<1	0.3	20.9	<10
YJ1300	Soil	3.59	24.6	0.9	<0.05	2.6	9.39	39.0	<0.02	<1	0.5	22.6	<10
YJ1350	Soil	1.53	22.4	0.4	<0.05	3.5	12.11	32.9	<0.02	1	0.4	17.1	<10
YJ1400	Soil	1.19	26.5	0.6	<0.05	2.0	7.59	36.3	0.03	<1	0.4	20.0	<10
YK0000	Soil	0.80	12.6	0.5	<0.05	1.3	4.53	20.1	0.02	1	0.3	10.9	<10
YK0050	Soil	1.01	13.6	0.6	<0.05	1.7	4.05	20.3	<0.02	<1	0.3	13.9	<10



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 10 of 12

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YK0100	Soil	2.10	116.4	57.21	192.3	1028	50.8	26.7	1804	4.27	57.4	1.3	27.3	3.1	29.0	1.47	3.67	0.25	81	0.29
YK0150	Soil	1.38	66.58	20.02	89.6	489	21.4	11.2	682	2.25	28.6	0.9	13.8	1.2	27.4	0.31	1.56	0.16	47	0.24
YK0200	Soil	2.11	105.3	32.11	146.8	596	32.0	15.3	1219	3.45	38.6	1.1	16.0	1.6	33.7	0.82	2.18	0.24	73	0.30
YK0250	Soil	1.75	134.6	45.94	170.6	550	49.4	26.7	1755	3.72	53.8	1.1	20.1	2.9	27.6	0.68	3.09	0.24	69	0.22
YK0300	Soil	1.90	130.6	24.78	157.0	356	51.6	23.6	1572	3.96	35.6	1.0	10.4	1.5	38.6	0.93	1.58	0.20	75	0.34
YK0350	Soil	3.25	36.21	15.95	89.9	332	28.5	10.7	480	3.98	16.9	0.8	4.4	1.4	28.9	0.35	1.46	0.24	95	0.26
YK0400	Soil	1.24	74.42	12.44	104.9	161	57.7	20.8	981	3.48	16.2	0.7	6.0	3.1	24.7	0.39	1.11	0.10	74	0.26
YK0450	Soil	1.75	66.73	21.59	97.1	360	53.4	19.0	1018	4.04	22.0	1.0	9.5	3.1	29.9	0.51	1.25	0.17	85	0.33
YK0500	Soil	1.21	53.15	208.8	212.8	2578	34.8	14.8	588	3.51	142.6	0.9	90.2	3.0	31.4	1.40	4.34	0.18	58	0.29
YK0550	Soil	1.51	54.82	85.74	154.9	1254	40.1	16.4	658	3.76	65.3	0.8	41.7	3.2	28.3	0.75	2.19	0.18	75	0.27
YK0600	Soil	1.32	87.38	48.26	147.3	946	47.9	17.1	737	3.73	60.5	1.1	36.0	3.1	31.7	0.79	2.03	0.29	72	0.34
YK0650	Soil	1.21	49.41	22.86	86.1	608	23.3	11.5	482	2.62	27.3	0.6	10.3	1.4	30.3	0.62	0.91	0.17	55	0.29
YK0700	Soil	0.89	57.77	52.91	106.9	584	38.8	13.1	637	3.00	52.2	0.7	21.1	2.9	27.2	0.48	2.02	0.17	70	0.38
YK0750	Soil	1.08	57.42	25.22	98.2	554	27.6	11.4	584	2.53	40.8	0.8	18.8	1.2	39.7	0.58	1.13	0.17	56	0.42
YK0800	Soil	1.04	51.01	17.61	66.8	567	23.3	10.7	472	2.02	25.6	0.8	11.2	0.9	38.4	0.48	0.81	0.14	43	0.39
YK0850	Soil	0.74	60.14	23.31	81.2	383	44.2	14.8	473	2.77	32.2	0.7	20.4	1.9	34.2	0.43	1.02	0.11	69	0.54
YK0900	Soil	0.48	60.70	7.18	71.6	183	60.4	20.5	429	3.13	8.0	0.5	20.1	1.7	32.5	0.20	0.37	0.06	90	0.89
YK0950	Soil	0.58	57.38	7.54	73.6	220	59.3	21.2	500	3.27	9.5	0.8	2.7	2.0	46.9	0.28	0.53	0.09	100	1.12
YK1000	Soil	0.93	93.34	7.08	57.2	200	99.9	25.9	417	3.53	7.2	1.2	7.1	1.5	49.6	0.20	1.40	0.11	97	1.15
YK1050	Soil	0.69	97.88	7.10	66.9	180	183.0	37.8	658	3.80	6.6	0.9	0.7	1.7	84.4	0.25	0.40	0.09	98	2.21
YL0100	Soil	1.72	69.45	25.93	108.8	794	29.8	17.0	949	2.98	56.4	0.8	23.8	1.7	30.3	0.58	3.03	0.16	67	0.29
YL0150	Soil	2.22	94.80	45.33	148.1	1205	43.1	27.1	1806	3.52	62.8	0.9	30.4	1.8	31.5	1.15	2.40	0.20	77	0.32
YL0200	Soil	1.86	72.45	31.49	110.6	775	26.3	17.4	1617	2.83	34.7	0.8	17.1	1.1	29.4	0.88	1.52	0.23	71	0.29
YL0250	Soil	1.90	53.43	18.70	83.9	504	20.3	14.3	771	2.89	23.5	0.6	10.4	0.6	27.7	0.50	1.22	0.18	76	0.29
YL0350	Soil	1.89	67.19	111.8	173.6	2788	45.1	18.0	818	4.14	121.1	0.9	85.7	2.1	30.7	1.95	3.92	0.20	88	0.37
YL0400	Soil	0.69	53.33	235.1	119.1	2138	32.0	9.9	382	3.38	149.6	0.6	64.6	1.9	26.7	0.78	6.14	0.13	69	0.32
YL0450	Soil	2.07	148.5	53.70	286.6	1044	53.6	26.3	789	4.18	88.2	1.4	63.6	2.5	29.0	2.79	4.93	0.19	81	0.29
YL0500	Soil	2.07	51.69	27.46	124.5	670	57.0	22.9	659	4.43	70.1	0.8	4.6	2.3	26.9	0.43	2.43	0.22	90	0.29
YL0550	Soil	1.45	90.90	27.63	155.8	481	48.1	17.3	680	3.78	92.7	1.1	30.7	3.5	30.8	0.20	2.90	0.23	75	0.38
YL0600	Soil	1.24	62.39	14.88	80.2	321	34.5	14.8	691	3.10	27.5	0.9	9.5	1.8	31.9	0.26	1.04	0.15	68	0.34



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 10 of 12

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
YK0100	Soil	14.7	44.5	0.79	233.4	0.125	2	2.20	0.016	0.25	0.1	4.6	0.18	0.03	74	0.2	0.12	7.7	2.21	<0.1
YK0150	Soil	9.4	22.8	0.38	155.0	0.068	2	1.27	0.028	0.14	<0.1	2.2	0.11	0.04	37	0.2	0.05	5.8	1.36	<0.1
YK0200	Soil	15.9	32.1	0.52	275.9	0.090	3	1.73	0.019	0.21	<0.1	3.0	0.15	0.04	37	0.2	0.08	8.2	1.77	<0.1
YK0250	Soil	16.1	33.0	0.61	233.2	0.093	1	1.75	0.017	0.30	<0.1	3.4	0.17	0.04	32	0.2	0.10	6.9	2.01	<0.1
YK0300	Soil	13.5	39.5	0.71	330.7	0.098	2	2.06	0.021	0.23	<0.1	3.5	0.13	0.05	52	0.2	0.10	7.5	1.79	<0.1
YK0350	Soil	10.8	34.9	0.44	122.2	0.090	2	1.53	0.011	0.07	<0.1	3.1	0.11	0.03	27	0.1	0.07	9.6	1.45	<0.1
YK0400	Soil	12.0	41.6	0.96	307.6	0.172	3	2.60	0.017	0.21	0.1	5.2	0.14	0.02	24	0.2	0.06	7.4	1.32	<0.1
YK0450	Soil	15.9	45.8	0.84	267.4	0.139	3	2.57	0.019	0.17	<0.1	5.0	0.15	0.04	34	0.2	0.08	8.2	1.72	<0.1
YK0500	Soil	13.6	33.9	0.63	176.9	0.113	2	1.67	0.023	0.23	<0.1	3.3	0.17	0.14	47	0.4	0.07	5.7	1.70	<0.1
YK0550	Soil	13.2	40.4	0.74	161.1	0.138	3	2.02	0.016	0.20	0.1	4.1	0.15	0.03	33	0.2	0.08	7.1	1.72	<0.1
YK0600	Soil	15.9	44.2	0.77	221.2	0.126	2	2.28	0.023	0.19	<0.1	5.1	0.12	0.04	33	0.3	0.07	7.1	1.59	<0.1
YK0650	Soil	9.4	26.2	0.46	132.1	0.090	2	1.41	0.030	0.12	0.1	2.7	0.09	0.03	18	0.1	0.05	5.6	1.08	<0.1
YK0700	Soil	11.6	36.3	0.74	168.9	0.118	1	1.55	0.016	0.19	<0.1	3.4	0.14	<0.02	10	0.3	0.05	4.8	1.44	<0.1
YK0750	Soil	11.8	30.1	0.54	167.1	0.088	3	1.55	0.030	0.13	<0.1	3.0	0.12	0.04	44	0.2	0.06	5.8	1.29	<0.1
YK0800	Soil	10.7	27.0	0.47	165.5	0.064	2	1.40	0.027	0.10	<0.1	3.0	0.10	0.06	40	0.5	<0.02	4.2	1.00	<0.1
YK0850	Soil	11.4	55.4	0.99	218.4	0.133	<1	1.68	0.025	0.22	<0.1	3.7	0.11	0.03	16	0.4	0.07	5.9	1.43	<0.1
YK0900	Soil	10.5	92.7	1.41	248.0	0.172	2	1.96	0.028	0.26	0.1	4.4	0.06	0.03	7	0.5	<0.02	6.7	1.12	<0.1
YK0950	Soil	12.4	87.2	1.23	269.7	0.164	2	2.10	0.031	0.20	<0.1	5.5	0.10	0.05	26	0.9	0.04	7.0	1.34	<0.1
YK1000	Soil	14.3	100.8	1.22	452.6	0.162	<1	2.44	0.033	0.21	<0.1	4.2	0.12	0.09	36	0.8	0.04	7.8	2.02	<0.1
YK1050	Soil	17.4	168.6	1.65	765.3	0.196	1	2.64	0.077	0.50	<0.1	7.4	0.21	0.07	32	1.1	0.04	7.8	1.91	0.2
YL0100	Soil	12.2	32.6	0.50	178.3	0.085	2	1.56	0.020	0.09	<0.1	2.8	0.10	0.04	30	0.4	0.07	5.9	1.21	<0.1
YL0150	Soil	13.8	33.9	0.58	222.4	0.093	2	1.84	0.016	0.13	<0.1	3.3	0.14	0.04	29	0.4	0.08	7.0	1.52	<0.1
YL0200	Soil	11.6	27.9	0.44	201.3	0.080	2	1.46	0.020	0.12	<0.1	2.7	0.08	0.04	36	0.3	0.05	6.0	1.14	<0.1
YL0250	Soil	8.8	24.5	0.34	134.2	0.091	2	1.14	0.018	0.06	0.1	2.2	0.11	0.04	27	<0.1	0.06	6.1	1.16	<0.1
YL0350	Soil	12.9	47.4	0.75	147.3	0.105	2	2.06	0.014	0.09	0.1	4.4	0.10	0.05	77	0.5	0.05	7.2	1.19	<0.1
YL0400	Soil	13.0	35.8	0.65	112.8	0.100	2	1.74	0.016	0.08	<0.1	4.7	0.06	0.04	52	0.5	0.10	5.2	0.73	<0.1
YL0450	Soil	11.9	41.2	0.84	129.0	0.103	1	1.95	0.017	0.11	<0.1	4.8	0.11	0.04	38	0.5	0.15	6.1	1.25	<0.1
YL0500	Soil	11.0	54.4	0.93	180.7	0.111	3	2.79	0.012	0.11	<0.1	4.8	0.12	0.03	32	0.5	0.08	8.1	1.45	<0.1
YL0550	Soil	15.5	40.8	0.86	198.8	0.128	2	2.11	0.014	0.32	<0.1	4.5	0.25	0.02	25	0.6	0.11	7.2	2.95	<0.1
YL0600	Soil	12.1	34.4	0.65	184.2	0.099	2	1.87	0.024	0.16	<0.1	3.7	0.12	0.03	29	0.4	0.03	5.7	1.34	<0.1





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 10 of 12

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
YK0100	Soil	1.08	29.5	0.9	<0.05	2.4	5.74	28.4	0.04	<1	0.8	25.9	<10
YK0150	Soil	1.21	16.8	0.5	<0.05	2.0	3.62	17.3	0.02	<1	0.3	11.4	<10
YK0200	Soil	1.32	23.7	0.9	<0.05	1.7	5.40	28.8	0.03	<1	0.5	15.4	<10
YK0250	Soil	0.96	28.9	0.8	<0.05	1.5	5.54	30.4	0.03	<1	0.6	20.8	<10
YK0300	Soil	1.17	22.6	0.7	<0.05	1.9	5.82	27.9	0.03	<1	0.7	20.0	<10
YK0350	Soil	1.39	10.1	0.9	<0.05	1.9	3.89	22.4	0.03	<1	0.5	12.4	<10
YK0400	Soil	1.13	20.5	0.7	<0.05	4.8	5.16	31.0	0.03	<1	0.4	20.1	<10
YK0450	Soil	1.45	19.7	1.0	<0.05	3.0	6.22	41.7	0.04	<1	0.6	21.6	<10
YK0500	Soil	1.33	26.2	1.9	<0.05	2.7	5.02	27.6	<0.02	<1	0.5	18.7	<10
YK0550	Soil	1.50	26.2	1.4	<0.05	3.8	4.77	26.9	0.03	<1	0.6	22.7	<10
YK0600	Soil	1.24	20.5	0.8	<0.05	3.1	8.65	32.5	0.03	<1	0.5	21.1	<10
YK0650	Soil	1.17	15.4	0.6	<0.05	2.1	3.80	19.0	<0.02	<1	0.5	13.2	<10
YK0700	Soil	0.81	19.1	0.6	<0.05	3.3	5.46	24.4	0.04	<1	0.4	16.2	<10
YK0750	Soil	1.37	18.1	0.6	<0.05	2.0	5.86	23.5	<0.02	1	0.3	13.3	<10
YK0800	Soil	1.28	13.0	0.4	<0.05	2.0	6.06	22.1	0.02	<1	0.1	11.1	<10
YK0850	Soil	2.36	22.4	0.5	<0.05	2.3	6.07	22.8	<0.02	<1	0.3	16.8	<10
YK0900	Soil	3.32	21.7	0.4	<0.05	2.1	9.08	21.5	0.02	<1	0.4	22.5	<10
YK0950	Soil	4.76	19.8	0.6	<0.05	3.1	9.00	26.7	0.03	<1	0.4	19.2	<10
YK1000	Soil	5.90	21.6	0.6	<0.05	3.2	10.82	35.1	0.03	<1	0.5	33.7	<10
YK1050	Soil	5.15	46.8	0.5	<0.05	2.4	14.77	29.6	0.02	<1	0.4	27.6	<10
YL0100	Soil	0.90	11.7	0.5	<0.05	2.0	4.64	24.8	0.03	<1	0.6	13.8	<10
YL0150	Soil	0.92	14.7	0.7	<0.05	1.6	5.40	27.9	0.04	<1	0.4	18.7	<10
YL0200	Soil	0.86	11.7	0.8	<0.05	1.3	4.17	22.0	0.03	<1	0.2	11.5	<10
YL0250	Soil	0.77	10.6	0.6	<0.05	1.2	3.21	17.9	0.03	<1	0.1	8.9	<10
YL0350	Soil	1.07	10.3	1.1	<0.05	2.4	5.19	26.9	0.04	<1	0.3	19.5	<10
YL0400	Soil	0.87	7.7	1.4	<0.05	2.2	5.83	24.8	0.02	<1	0.2	10.1	<10
YL0450	Soil	0.65	11.6	0.6	<0.05	3.2	7.80	27.7	0.02	1	0.4	14.5	<10
YL0500	Soil	1.18	14.5	0.7	<0.05	2.9	5.11	32.9	0.04	<1	0.8	20.5	<10
YL0550	Soil	1.22	39.1	0.7	<0.05	2.8	7.32	30.8	0.03	<1	0.7	27.3	<10
YL0600	Soil	1.29	20.2	0.5	<0.05	2.8	6.31	22.8	<0.02	<1	0.4	16.1	<10



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 11 of 12

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo ppm 0.01	Cu ppm 0.01	Pb ppm 0.01	Zn ppm 0.1	Ag ppb 2	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.1	U ppm 0.1	Au ppb 0.2	Th ppm 0.1	Sr ppm 0.5	Cd ppm 0.01	Sb ppm 0.02	Bi ppm 0.02	V ppm 2	Ca % 0.01
YL0650	Soil	1.05	75.47	17.13	90.7	220	44.5	13.9	676	3.19	32.1	0.8	12.4	3.0	30.3	0.28	1.54	0.13	72	0.36
YL0700	Soil	0.95	58.40	16.17	76.5	212	41.0	14.1	634	3.08	26.1	0.9	5.4	2.9	32.5	0.19	1.41	0.12	73	0.44
YL0750	Soil	0.96	53.21	11.12	60.2	206	28.1	10.5	425	2.44	31.7	0.8	6.6	1.3	34.3	0.19	0.93	0.12	55	0.39
YL0800	Soil	1.09	56.37	11.48	64.3	345	29.1	11.7	587	2.36	25.0	0.9	7.9	1.0	41.8	0.25	0.84	0.12	51	0.45
YL0850	Soil	0.89	68.49	9.37	66.7	277	44.4	16.3	477	2.82	52.7	0.7	8.3	1.8	30.1	0.16	1.10	0.10	69	0.46
YL0900	Soil	0.66	45.81	7.71	59.0	191	36.6	12.9	436	2.36	19.8	0.5	3.7	1.3	33.9	0.13	0.83	0.06	59	0.56
YL0950	Soil	0.24	120.6	4.56	49.3	205	119.2	30.1	434	4.31	5.3	0.5	2.0	2.3	17.5	0.10	0.22	<0.02	122	0.75
YM0000	Soil	1.33	55.92	8.03	62.0	204	24.0	12.1	773	1.91	12.9	0.8	<0.2	0.6	31.8	0.16	0.62	0.11	46	0.34
YM0050	Soil	1.71	70.80	5.86	41.9	395	21.6	9.1	1966	1.51	7.7	1.5	2.5	0.2	64.1	0.47	0.92	0.06	29	0.69
YM0100	Soil	1.37	68.74	12.01	84.3	302	29.8	15.3	1322	2.24	13.9	1.1	3.7	0.6	36.4	0.39	0.77	0.14	50	0.37
YM0150	Soil	1.84	50.91	23.11	98.5	248	31.3	20.1	855	3.89	29.6	0.6	6.3	2.4	27.5	0.42	1.40	0.20	88	0.28
YM0200	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YM0250	Soil	1.70	88.03	10.94	69.9	412	24.9	15.0	1671	1.88	15.0	1.4	1.6	0.4	59.5	0.45	1.03	0.10	42	0.55
YM0300	Soil	1.18	51.89	12.39	75.1	245	20.8	11.0	733	2.00	13.7	0.7	3.3	0.5	33.6	0.42	0.77	0.11	45	0.33
YM0350	Soil	0.97	55.18	8.24	55.8	192	15.9	7.5	488	1.56	9.8	0.6	1.4	0.3	33.4	0.60	0.63	0.07	34	0.33
YM0450	Soil	1.17	58.72	11.64	93.8	189	37.0	17.0	564	3.15	33.1	0.6	6.0	1.5	28.5	0.89	1.38	0.11	74	0.32
YM0500	Soil	2.28	65.23	30.16	163.6	703	45.2	20.9	776	4.28	83.0	0.9	11.7	1.1	26.3	0.98	2.63	0.21	82	0.24
YM0550	Soil	1.68	54.64	18.42	112.3	449	43.9	18.6	738	3.92	92.4	0.9	14.6	2.6	32.8	0.44	2.48	0.18	83	0.35
YM0600	Soil	1.02	83.41	33.78	114.1	382	47.6	15.1	891	3.31	64.2	0.6	28.8	2.0	19.2	0.26	1.86	0.17	72	0.31
YM0650	Soil	1.30	64.34	13.74	93.3	267	38.9	15.1	703	3.49	28.9	0.6	17.2	1.8	23.5	0.25	0.86	0.16	79	0.31
YM0700	Soil	0.96	72.34	9.12	77.3	151	40.3	13.4	606	3.11	20.0	0.5	38.7	1.8	22.4	0.13	0.78	0.13	70	0.34
YM0750	Soil	1.03	58.49	8.32	59.8	182	29.4	11.7	555	2.67	18.3	0.6	8.5	1.1	23.9	0.13	0.65	0.13	64	0.34
YM0800	Soil	0.95	52.24	6.55	55.3	179	26.4	11.0	462	2.54	13.5	0.5	6.2	0.6	27.8	0.16	0.50	0.13	57	0.40
YM0850	Soil	0.93	61.50	8.35	70.0	230	36.0	12.8	530	2.94	16.7	0.6	6.4	1.5	25.3	0.15	0.59	0.11	65	0.40
YM0900	Soil	1.06	105.6	9.27	79.5	365	61.5	17.8	577	3.83	21.4	2.0	7.6	2.0	32.2	0.30	0.72	0.15	84	0.66
YM0950	Soil	0.20	67.93	1.40	53.6	59	92.3	30.3	386	4.19	3.9	0.2	2.7	0.9	23.1	0.04	0.08	0.03	120	0.91
YM1000	Soil	0.38	86.70	3.44	55.1	108	73.9	22.4	396	3.38	4.8	0.6	3.8	1.4	22.2	0.12	0.18	0.05	87	0.87
YN0000	Soil	1.57	46.74	55.68	132.7	772	35.5	18.3	1675	3.72	38.6	0.6	30.1	2.0	22.3	0.60	1.58	0.13	80	0.31
YN0100	Soil	0.95	33.09	6.04	56.4	163	19.3	11.5	843	1.93	5.5	0.4	8.6	0.5	23.5	0.13	0.31	0.08	47	0.31
YN0150	Soil	1.83	63.50	10.04	77.3	158	27.5	14.3	865	2.57	12.2	0.7	5.7	0.9	22.8	0.31	0.65	0.13	62	0.31



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 11 of 12

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
YL0650	Soil	12.1	38.9	0.79	196.9	0.130	<1	1.77	0.017	0.17	0.1	4.0	0.12	0.03	22	0.2	0.05	5.7	1.41	<0.1
YL0700	Soil	13.7	46.2	0.81	188.6	0.131	2	1.78	0.023	0.20	0.1	4.3	0.14	0.02	14	0.1	0.05	5.5	1.56	<0.1
YL0750	Soil	11.9	28.6	0.53	141.7	0.087	2	1.50	0.031	0.13	<0.1	2.9	0.10	0.04	29	0.4	0.03	5.1	1.16	<0.1
YL0800	Soil	12.0	31.3	0.54	184.7	0.081	2	1.55	0.030	0.12	<0.1	3.0	0.10	0.05	44	0.4	0.06	5.0	1.20	<0.1
YL0850	Soil	12.2	60.2	0.94	206.9	0.120	1	1.72	0.027	0.20	<0.1	4.1	0.11	0.03	19	0.4	0.05	5.9	1.56	<0.1
YL0900	Soil	10.0	48.0	0.80	154.2	0.107	1	1.29	0.035	0.16	<0.1	2.9	0.07	0.03	17	0.2	0.03	5.0	1.08	<0.1
YL0950	Soil	14.8	183.6	2.09	354.5	0.370	1	2.90	0.016	0.61	<0.1	6.3	0.13	<0.02	<5	0.2	0.02	8.1	1.40	0.1
YM0000	Soil	8.9	30.9	0.46	156.3	0.074	2	1.32	0.032	0.08	<0.1	3.0	0.10	0.06	41	0.3	0.04	5.4	1.25	<0.1
YM0050	Soil	14.6	19.6	0.30	220.2	0.032	4	1.07	0.028	0.07	<0.1	2.7	0.14	0.18	87	0.8	0.06	2.5	0.67	<0.1
YM0100	Soil	12.6	30.9	0.51	223.5	0.059	3	1.62	0.025	0.08	<0.1	3.3	0.12	0.06	44	0.4	0.04	5.5	1.11	<0.1
YM0150	Soil	10.4	38.9	0.61	164.1	0.111	1	1.79	0.015	0.11	<0.1	3.2	0.08	0.03	26	0.6	0.09	7.7	1.23	<0.1
YM0200	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YM0250	Soil	15.4	25.6	0.37	248.5	0.048	2	1.26	0.027	0.08	0.1	3.2	0.13	0.14	86	0.9	0.04	3.9	0.97	<0.1
YM0300	Soil	8.5	26.1	0.41	175.1	0.049	2	1.39	0.028	0.07	<0.1	2.2	0.09	0.07	40	0.2	0.04	4.9	0.90	<0.1
YM0350	Soil	8.2	15.8	0.29	140.2	0.048	1	1.02	0.033	0.07	0.1	1.6	0.05	0.07	41	0.6	0.05	3.5	0.69	<0.1
YM0450	Soil	10.0	35.8	0.65	160.3	0.093	3	1.79	0.016	0.09	<0.1	4.0	0.06	0.03	27	0.4	0.04	5.8	0.87	<0.1
YM0500	Soil	10.6	52.4	0.89	121.9	0.088	2	2.11	0.009	0.15	<0.1	4.0	0.11	0.06	71	0.5	0.11	8.2	1.62	<0.1
YM0550	Soil	12.3	48.2	0.85	204.0	0.105	2	2.47	0.014	0.11	<0.1	4.7	0.11	0.03	28	0.2	0.06	7.7	1.27	<0.1
YM0600	Soil	8.7	40.9	0.74	196.0	0.092	3	1.65	0.010	0.22	0.1	3.8	0.18	0.02	25	<0.1	0.07	5.5	1.84	<0.1
YM0650	Soil	9.3	40.6	0.73	231.8	0.098	2	1.88	0.016	0.20	<0.1	3.8	0.14	0.03	27	<0.1	0.06	6.9	1.46	<0.1
YM0700	Soil	9.3	39.4	0.74	220.9	0.098	2	1.68	0.015	0.24	0.1	3.6	0.16	0.02	13	<0.1	0.07	6.0	1.70	<0.1
YM0750	Soil	9.3	33.8	0.57	196.3	0.081	2	1.46	0.021	0.17	0.1	2.9	0.13	0.03	22	<0.1	0.05	5.7	1.30	<0.1
YM0800	Soil	8.6	30.7	0.48	171.6	0.074	3	1.46	0.027	0.15	0.1	2.5	0.12	0.04	32	<0.1	0.05	5.5	1.18	<0.1
YM0850	Soil	10.6	40.0	0.69	223.9	0.089	2	1.74	0.021	0.20	<0.1	3.8	0.14	0.03	27	<0.1	0.06	5.8	1.48	<0.1
YM0900	Soil	17.6	68.1	1.08	361.9	0.117	2	2.30	0.021	0.28	0.1	5.9	0.22	0.08	42	0.7	0.05	7.2	2.33	<0.1
YM0950	Soil	5.6	147.5	2.86	337.9	0.243	1	2.82	0.026	0.63	<0.1	4.7	0.08	<0.02	<5	<0.1	0.03	9.3	1.88	<0.1
YM1000	Soil	8.5	109.7	1.91	229.1	0.168	1	2.18	0.023	0.46	<0.1	4.1	0.12	0.02	21	0.1	0.03	7.3	1.66	0.1
YN0000	Soil	9.8	44.4	0.72	178.3	0.104	2	1.96	0.013	0.19	<0.1	4.1	0.18	0.04	27	0.4	0.05	7.0	1.68	<0.1
YN0100	Soil	6.3	23.6	0.41	137.8	0.058	1	1.18	0.030	0.08	<0.1	2.3	0.12	0.05	41	0.2	<0.02	4.5	1.08	<0.1
YN0150	Soil	8.5	30.2	0.45	195.9	0.075	2	1.42	0.023	0.14	0.1	2.6	0.15	0.04	35	0.2	0.04	6.5	1.51	<0.1





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 11 of 12

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
YL0650	Soil	0.91	19.4	0.5	<0.05	3.7	6.11	25.4	<0.02	<1	0.5	17.2	<10
YL0700	Soil	1.22	24.9	0.5	<0.05	2.8	6.04	26.9	0.02	<1	0.4	18.9	<10
YL0750	Soil	1.47	17.1	0.4	<0.05	2.3	5.93	22.8	0.03	<1	0.9	15.9	<10
YL0800	Soil	1.45	18.2	0.4	<0.05	2.3	7.05	24.3	<0.02	<1	0.4	14.1	<10
YL0850	Soil	2.07	22.3	0.4	<0.05	2.3	6.80	23.7	<0.02	<1	0.5	21.5	<10
YL0900	Soil	1.99	17.3	0.3	<0.05	1.7	5.36	18.7	0.02	<1	0.3	14.2	<10
YL0950	Soil	2.62	39.7	0.3	<0.05	3.4	13.91	24.4	<0.02	<1	0.2	32.7	<10
YM0000	Soil	0.86	12.4	0.4	<0.05	1.4	4.56	17.9	0.02	<1	0.2	10.1	<10
YM0050	Soil	0.51	6.8	0.3	<0.05	1.0	9.45	29.9	0.02	<1	0.1	3.8	<10
YM0100	Soil	0.86	10.9	0.4	<0.05	1.4	8.03	25.6	0.03	<1	0.3	14.1	<10
YM0150	Soil	1.28	12.3	0.7	<0.05	3.6	3.99	20.4	0.03	<1	0.5	20.9	<10
YM0200	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YM0250	Soil	0.68	10.3	0.2	<0.05	1.2	8.78	30.8	0.03	<1	<0.1	6.0	<10
YM0300	Soil	0.94	9.1	0.4	<0.05	1.7	3.93	17.2	0.03	<1	0.2	9.6	<10
YM0350	Soil	0.55	7.3	0.2	<0.05	1.2	3.66	16.7	<0.02	<1	0.2	6.2	<10
YM0450	Soil	0.95	9.3	0.4	<0.05	2.2	5.01	20.4	0.03	<1	0.3	13.5	<10
YM0500	Soil	1.02	17.9	1.0	<0.05	1.7	5.14	33.3	0.04	<1	0.6	22.3	<10
YM0550	Soil	0.90	12.8	0.6	<0.05	2.6	5.65	29.7	0.03	<1	0.7	17.9	<10
YM0600	Soil	0.84	26.6	0.6	<0.05	2.8	5.67	17.6	0.04	1	0.4	21.3	<10
YM0650	Soil	1.18	20.7	0.5	<0.05	2.7	5.21	19.6	0.03	<1	0.6	18.8	<10
YM0700	Soil	1.01	24.5	0.5	<0.05	2.4	5.10	18.5	0.02	<1	0.5	20.9	<10
YM0750	Soil	1.34	20.2	0.5	<0.05	2.1	5.64	17.9	0.03	<1	0.4	15.6	<10
YM0800	Soil	1.22	18.2	0.4	<0.05	1.6	5.54	15.9	0.03	1	0.3	14.0	<10
YM0850	Soil	1.35	22.8	0.5	<0.05	2.1	6.51	21.3	0.03	<1	0.4	21.4	<10
YM0900	Soil	2.43	36.8	0.6	<0.05	2.7	17.35	29.4	0.03	1	0.6	42.9	<10
YM0950	Soil	2.62	38.9	0.3	<0.05	0.8	4.01	11.8	<0.02	<1	0.2	27.0	<10
YM1000	Soil	3.19	32.3	0.3	<0.05	1.3	7.78	16.2	<0.02	<1	0.3	30.4	<10
YN0000	Soil	1.12	24.5	0.8	<0.05	2.1	4.32	20.4	<0.02	<1	0.4	19.1	<10
YN0100	Soil	0.93	14.0	0.3	<0.05	1.6	3.72	12.9	<0.02	<1	0.2	10.9	<10
YN0150	Soil	1.25	17.1	0.5	<0.05	1.4	4.25	16.5	0.02	<1	0.4	15.2	<10



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 12 of 12

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YN0050	Soil	1.27	37.74	32.57	112.6	340	31.5	15.3	660	3.11	16.3	0.5	9.7	1.8	19.9	0.36	0.81	0.14	70	0.28
YN0200	Soil	1.47	48.08	9.32	60.7	123	22.5	12.6	745	2.36	9.7	0.5	2.4	0.7	20.5	0.20	0.49	0.10	60	0.26
YN0250	Soil	1.96	65.75	35.33	113.1	271	35.0	19.7	1406	3.50	22.4	0.6	10.4	1.4	21.2	0.38	1.16	0.15	73	0.25
YN0300	Soil	1.52	72.03	19.93	96.9	101	42.1	19.9	1054	4.04	22.6	0.5	5.7	2.0	24.2	0.33	1.02	0.13	93	0.35
YN0350	Soil	1.62	65.32	13.66	85.4	134	28.0	15.2	610	3.16	17.4	0.5	6.7	1.1	22.0	0.29	0.79	0.11	73	0.28
YN0400	Soil	1.05	61.21	11.84	84.9	130	48.2	18.4	749	3.70	16.2	0.6	4.2	2.1	17.2	0.35	0.72	0.12	82	0.26
YN0450	Soil	2.87	64.04	12.88	148.4	351	37.0	18.5	811	4.53	22.8	0.7	3.5	1.0	23.9	1.05	0.97	0.20	94	0.27
YN0500	Soil	2.22	29.94	11.50	94.7	357	28.9	13.8	435	4.60	17.5	0.4	2.0	1.0	23.0	0.21	0.63	0.16	96	0.30
YN0550	Soil	1.21	95.91	13.71	100.5	185	52.1	19.5	946	3.98	35.7	0.7	15.8	2.2	25.7	0.26	1.11	0.14	89	0.36
YN0600	Soil	1.02	86.88	8.37	69.2	195	31.7	13.6	666	2.77	16.6	0.6	14.7	1.2	24.2	0.11	0.71	0.10	62	0.33
YN0650	Soil	1.00	74.25	8.16	59.2	152	32.6	12.8	642	2.68	16.4	0.5	9.1	1.2	21.6	0.09	0.49	0.09	62	0.30
YN0700	Soil	0.89	72.66	11.88	65.8	174	41.2	14.1	633	3.19	14.9	0.6	6.2	1.8	23.3	0.11	0.53	0.09	77	0.36
YN0750	Soil	1.06	71.99	7.47	59.8	362	32.7	12.3	542	2.39	13.2	0.7	5.3	0.5	31.8	0.22	0.47	0.23	50	0.54
YN0800	Soil	1.25	70.62	9.83	91.0	242	74.9	27.7	903	4.37	14.6	0.6	2.2	1.5	42.1	0.37	0.48	0.15	95	0.77
YN0850	Soil	0.80	74.99	7.92	68.8	204	42.4	13.9	440	3.04	9.5	0.8	5.4	1.9	24.0	0.13	0.47	0.11	65	0.40
YN0900	Soil	1.20	67.13	6.08	51.5	256	31.0	12.1	523	2.31	10.3	0.8	5.1	0.6	40.5	0.14	0.47	0.11	49	0.71
YN0950	Soil	0.73	69.01	6.72	57.5	163	53.7	17.7	514	3.12	6.5	0.7	4.4	1.5	35.6	0.13	0.34	0.07	75	1.06
YN1000	Soil	1.63	43.97	9.65	73.5	79	39.4	17.5	600	3.93	12.7	0.6	3.2	2.0	20.2	0.21	0.60	0.12	87	0.28
YN1100	Soil	0.37	116.9	3.07	57.6	57	121.7	32.2	459	4.53	10.9	0.3	2.1	1.7	22.1	0.05	0.22	0.03	132	0.74



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 12 of 12

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

	Method Analyte Unit MDL	1F30 La ppm 0.5	1F30 Cr ppm 0.5	1F30 Mg % 0.01	1F30 Ba ppm 0.5	1F30 Ti % 0.001	1F30 B ppm 1	1F30 Al % 0.01	1F30 Na % 0.001	1F30 K % 0.01	1F30 W ppm 0.1	1F30 Sc ppm 0.1	1F30 Ti ppm 0.02	1F30 S % 0.02	1F30 Hg ppb 5	1F30 Se ppm 0.1	1F30 Te ppm 0.02	1F30 Ga ppm 0.1	1F30 Cs ppm 0.02	1F30 Ge ppm 0.1	1F30 Hf ppm 0.02
YN0050	Soil	9.9	36.8	0.69	162.0	0.105	1	1.74	0.013	0.24	<0.1	3.2	0.22	0.03	29	0.3	0.07	6.9	2.21	<0.1	<0.02
YN0200	Soil	6.6	26.9	0.41	181.5	0.059	1	1.29	0.021	0.12	<0.1	2.4	0.10	0.04	22	0.2	0.04	5.7	1.14	<0.1	0.04
YN0250	Soil	10.4	37.8	0.60	176.1	0.068	1	1.82	0.010	0.16	<0.1	3.5	0.13	0.03	39	0.2	0.08	7.0	1.37	<0.1	0.02
YN0300	Soil	10.5	47.1	0.81	233.7	0.121	<1	1.99	0.012	0.17	0.1	4.4	0.14	0.03	45	0.2	0.06	7.8	1.64	<0.1	0.06
YN0350	Soil	9.2	32.1	0.52	159.0	0.080	<1	1.50	0.023	0.12	<0.1	2.8	0.13	0.06	37	0.2	0.04	6.2	1.40	<0.1	0.03
YN0400	Soil	9.6	48.2	0.88	241.4	0.119	1	2.54	0.013	0.20	<0.1	5.5	0.18	0.04	24	0.3	0.06	7.3	1.75	<0.1	0.10
YN0450	Soil	10.7	45.4	0.77	259.1	0.077	2	1.96	0.015	0.15	<0.1	3.9	0.15	0.05	40	0.2	0.04	8.6	1.54	<0.1	0.04
YN0500	Soil	7.8	44.8	0.70	245.5	0.081	1	2.13	0.009	0.09	<0.1	3.4	0.13	0.02	19	0.1	0.06	9.4	1.37	<0.1	0.03
YN0550	Soil	12.0	47.7	0.83	261.7	0.120	1	2.27	0.017	0.22	0.1	4.8	0.15	0.03	18	0.2	0.09	7.4	1.73	<0.1	0.05
YN0600	Soil	10.3	31.8	0.57	205.6	0.083	<1	1.63	0.023	0.18	0.1	3.0	0.12	0.03	25	0.2	0.06	5.4	1.31	<0.1	0.04
YN0650	Soil	9.2	33.5	0.61	193.0	0.087	<1	1.61	0.022	0.17	<0.1	3.1	0.13	0.03	27	0.1	0.05	5.6	1.30	<0.1	0.05
YN0700	Soil	11.5	43.2	0.79	257.5	0.109	1	1.82	0.015	0.25	0.1	3.8	0.15	0.02	20	<0.1	0.07	6.1	1.75	<0.1	0.04
YN0750	Soil	11.6	31.6	0.55	143.5	0.055	1	1.46	0.025	0.15	<0.1	2.5	0.13	0.06	39	0.3	0.05	5.2	1.18	<0.1	0.03
YN0800	Soil	11.1	89.6	1.40	294.8	0.133	<1	2.59	0.022	0.36	0.2	5.7	0.20	0.03	11	0.2	0.05	8.5	2.41	<0.1	0.05
YN0850	Soil	15.0	44.7	0.81	274.7	0.100	<1	1.84	0.019	0.33	<0.1	4.6	0.24	0.03	20	0.2	0.04	6.0	2.03	<0.1	0.04
YN0900	Soil	9.9	28.9	0.52	291.8	0.058	<1	1.43	0.032	0.13	<0.1	2.9	0.12	0.07	47	0.4	0.03	5.0	1.19	<0.1	0.05
YN0950	Soil	10.2	64.0	1.11	280.0	0.125	<1	1.79	0.030	0.35	<0.1	4.4	0.17	0.04	28	0.4	0.02	6.4	1.73	<0.1	0.06
YN1000	Soil	10.4	45.2	0.80	208.1	0.104	1	2.56	0.013	0.13	<0.1	4.7	0.15	0.04	26	0.3	0.05	7.7	1.69	<0.1	0.05
YN1100	Soil	10.2	182.7	2.87	164.2	0.209	<1	3.01	0.020	0.53	<0.1	6.1	0.11	<0.02	8	<0.1	<0.02	9.7	2.66	<0.1	0.05



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: August 02, 2012

Page: 12 of 12

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000304.1

Method Analyte Unit MDL		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
YN0050	Soil	1.28	34.4	0.7	<0.05	1.6	4.00	19.5	0.03	<1	0.4	21.9	<10	<2
YN0200	Soil	1.01	13.2	0.5	<0.05	1.9	3.42	13.1	<0.02	<1	0.4	11.6	<10	<2
YN0250	Soil	0.95	16.9	0.6	<0.05	1.6	4.27	20.5	0.03	1	0.5	18.1	<10	<2
YN0300	Soil	1.33	18.7	0.7	<0.05	3.2	4.87	20.4	0.04	<1	0.6	22.0	<10	<2
YN0350	Soil	1.03	16.1	0.5	<0.05	2.2	3.78	18.2	0.03	<1	0.5	14.1	<10	<2
YN0400	Soil	1.43	21.2	0.7	<0.05	4.0	5.44	34.0	0.03	<1	0.6	19.4	<10	<2
YN0450	Soil	1.36	25.0	1.1	<0.05	1.8	5.43	20.9	0.04	<1	0.6	19.5	<10	<2
YN0500	Soil	1.38	16.0	0.7	<0.05	2.2	3.32	15.8	0.03	<1	0.5	20.0	<10	<2
YN0550	Soil	1.19	21.9	0.7	<0.05	2.8	6.19	25.0	0.04	<1	0.7	21.1	<10	<2
YN0600	Soil	1.32	20.5	0.4	<0.05	2.4	6.70	18.1	0.02	<1	0.5	16.0	<10	<2
YN0650	Soil	1.34	19.7	0.4	<0.05	2.4	4.87	17.0	<0.02	<1	0.5	15.2	<10	<2
YN0700	Soil	1.30	26.7	0.6	<0.05	2.1	6.15	21.0	0.02	<1	0.5	20.2	<10	<2
YN0750	Soil	1.35	18.4	0.3	<0.05	1.9	8.58	19.2	<0.02	<1	0.5	17.0	<10	<2
YN0800	Soil	3.12	40.5	0.7	<0.05	2.8	6.86	30.6	0.02	<1	0.6	29.7	<10	<2
YN0850	Soil	1.91	36.1	0.6	<0.05	2.0	10.54	26.0	0.03	<1	0.5	26.6	<10	<2
YN0900	Soil	1.48	18.4	0.3	<0.05	2.5	7.93	18.1	<0.02	<1	0.3	15.6	<10	<2
YN0950	Soil	3.13	32.7	0.3	<0.05	3.0	9.27	18.9	0.03	<1	0.3	19.4	<10	<2
YN1000	Soil	1.37	15.8	0.9	<0.05	3.2	5.19	26.5	0.04	<1	0.6	19.7	<10	<2
YN1100	Soil	1.39	33.2	0.6	<0.05	1.9	6.68	21.9	0.02	<1	0.5	37.0	<10	<2





Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

18526 Yukon Inc.

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Soils 2012

Report Date:

August 02, 2012

Page:

1 of 2

Part:

1 of 3

## QUALITY CONTROL REPORT

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
YA0900	Soil	1.05	46.40	17.98	132.7	382	40.4	15.5	507	2.86	25.7	0.8	8.0	1.9	24.7	0.91	0.74	0.17	59	0.38	0.079
REP YA0900	QC	1.13	44.59	17.17	124.9	369	39.7	15.6	480	2.76	24.9	0.8	11.1	1.8	23.2	0.93	0.66	0.17	56	0.36	0.074
YA1450	Soil	0.68	44.02	4.50	32.5	59	22.1	7.0	128	1.46	6.6	0.9	1.8	0.8	22.6	0.33	0.32	0.06	26	0.56	0.036
REP YA1450	QC	0.63	38.17	4.03	31.0	50	19.8	6.3	117	1.38	6.6	0.7	1.7	0.7	19.7	0.26	0.28	0.05	25	0.50	0.030
YC0100	Soil	1.69	68.36	15.96	177.4	240	43.0	18.9	714	3.34	84.8	1.6	24.8	3.8	26.8	0.72	1.18	0.35	46	0.28	0.067
REP YC0100	QC	1.63	68.77	16.03	171.3	239	43.0	18.9	713	3.39	86.3	1.6	23.9	3.7	26.8	0.77	1.22	0.34	46	0.29	0.070
YC0600	Soil	1.81	57.78	38.50	180.7	1475	40.3	15.2	693	2.00	47.0	1.4	22.7	0.5	64.0	7.00	4.62	0.62	39	1.35	0.117
REP YC0600	QC	1.68	57.70	38.55	185.8	1498	38.8	15.6	688	2.11	49.7	1.4	26.2	0.6	65.1	6.47	4.54	0.63	42	1.31	0.117
YD0850	Soil	3.57	86.22	41.67	577.9	1462	107.4	27.3	810	4.29	57.6	1.1	19.4	3.0	37.0	3.25	5.73	0.18	92	0.70	0.107
REP YD0850	QC	3.67	85.99	41.83	580.9	1475	109.5	28.1	798	4.34	58.1	1.2	23.2	3.1	37.6	3.05	5.70	0.19	94	0.71	0.106
YE0000	Soil	1.41	53.16	10.88	150.2	163	38.8	17.7	704	3.07	30.9	0.6	12.3	2.8	22.4	0.74	0.99	0.24	64	0.37	0.092
REP YE0000	QC	1.44	51.36	10.89	145.7	150	37.8	18.0	699	3.12	31.6	0.6	10.5	2.8	21.9	0.74	1.06	0.23	65	0.38	0.094
YF0250	Soil	0.95	41.67	14.10	104.3	462	22.7	11.8	410	2.96	15.2	0.9	16.1	1.4	30.2	0.82	1.24	0.13	77	0.62	0.086
REP YF0250	QC	0.93	40.10	13.22	101.9	444	21.1	11.1	395	3.04	15.3	0.9	10.4	1.4	30.0	0.76	1.21	0.12	81	0.61	0.085
YG0950	Soil	0.66	105.6	14.29	128.8	1013	80.2	23.2	494	3.73	24.8	1.2	10.6	1.0	51.8	0.91	3.53	0.07	96	1.99	0.160
REP YG0950	QC	0.79	106.8	14.35	128.4	968	80.3	22.7	490	3.67	24.2	1.2	10.0	1.1	50.3	0.92	3.43	0.06	96	1.97	0.165
YH0400	Soil	2.30	119.0	26.53	104.1	578	61.3	32.5	1140	4.26	137.7	0.6	47.0	1.6	20.4	0.33	2.32	0.16	83	0.33	0.050
REP YH0400	QC	2.28	117.0	26.53	102.6	584	59.8	33.8	1148	4.17	136.3	0.6	42.3	1.7	20.4	0.30	2.30	0.16	82	0.32	0.049
YI0400	Soil	1.41	40.15	13.95	90.3	50	46.8	18.6	468	4.07	9.2	1.5	1.8	6.0	15.4	0.17	1.15	0.19	56	0.17	0.031
REP YI0400	QC	1.40	41.87	14.22	96.6	53	48.4	18.3	466	4.19	9.7	1.6	3.8	7.0	16.5	0.19	1.27	0.17	56	0.18	0.033
YI1000	Soil	0.89	88.97	7.52	88.6	342	158.8	35.2	639	4.65	9.1	0.8	4.3	2.7	75.8	0.25	1.10	0.07	124	2.59	0.214
REP YI1000	QC	0.91	93.37	7.35	96.8	370	154.3	36.8	646	4.84	9.4	0.8	7.2	2.6	78.0	0.21	1.31	0.06	123	2.75	0.244
YJ1200	Soil	0.59	58.92	15.34	164.2	324	77.7	21.4	487	3.59	16.7	1.0	4.3	3.6	67.3	0.72	3.03	0.06	76	1.63	0.148
REP YJ1200	QC	0.62	57.29	15.02	160.8	338	77.9	20.6	479	3.53	16.9	1.3	5.7	3.9	66.0	0.72	2.93	0.05	76	1.57	0.160
YK0250	Soil	1.75	134.6	45.94	170.6	550	49.4	26.7	1755	3.72	53.8	1.1	20.1	2.9	27.6	0.68	3.09	0.24	69	0.22	0.065
REP YK0250	QC	1.73	134.9	45.07	168.4	553	49.5	26.9	1722	3.69	52.7	1.0	51.9	2.7	26.5	0.69	2.94	0.23	68	0.22	0.067
YL0500	Soil	2.07	51.69	27.46	124.5	670	57.0	22.9	659	4.43	70.1	0.8	4.6	2.3	26.9	0.43	2.43	0.22	90	0.29	0.053
REP YL0500	QC	2.02	52.04	26.96	125.6	661	56.4	23.7	707	4.44	70.5	0.8	9.4	2.4	27.6	0.45	2.55	0.22	91	0.30	0.057



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

18526 Yukon Inc.

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Soils 2012

Report Date:

August 02, 2012

Page:

1 of 2

Part:

2 of 3

## QUALITY CONTROL REPORT

WHI12000304.1

Method Analyte Unit MDL		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
YA0900	Soil	9.5	46.9	0.72	618.8	0.077	1	1.64	0.018	0.15	<0.1	3.5	0.15	0.03	35	0.3	0.13	5.8	1.37	<0.1	0.04
REP YA0900	QC	9.0	44.6	0.69	594.0	0.073	1	1.56	0.016	0.14	0.1	3.1	0.15	0.03	30	0.4	0.14	5.3	1.31	<0.1	0.03
YA1450	Soil	10.1	19.8	0.33	64.4	0.038	1	0.79	0.025	0.09	<0.1	2.2	0.06	0.02	19	0.3	<0.02	3.0	0.50	<0.1	0.03
REP YA1450	QC	9.2	18.4	0.30	59.0	0.036	1	0.74	0.024	0.08	<0.1	2.0	0.05	0.02	12	0.3	0.02	2.7	0.46	<0.1	0.03
YC0100	Soil	20.6	29.1	0.56	157.5	0.082	1	1.62	0.016	0.23	<0.1	2.7	0.19	0.05	29	0.4	0.06	5.2	2.13	<0.1	<0.02
REP YC0100	QC	20.9	30.0	0.57	153.6	0.083	2	1.62	0.016	0.24	<0.1	2.7	0.19	0.05	29	0.4	0.08	5.2	2.13	<0.1	0.02
YC0600	Soil	11.3	35.7	0.51	233.3	0.057	3	1.18	0.028	0.07	<0.1	3.0	0.10	0.13	100	0.8	0.04	3.9	1.06	0.1	0.06
REP YC0600	QC	11.6	35.5	0.55	231.6	0.061	4	1.24	0.028	0.08	0.1	3.2	0.10	0.12	98	0.9	0.02	4.1	1.11	0.1	0.05
YD0850	Soil	16.4	63.5	1.30	441.2	0.118	1	2.31	0.024	0.19	0.1	7.1	0.20	0.04	41	1.4	0.05	7.3	1.99	<0.1	0.03
REP YD0850	QC	16.7	63.4	1.31	424.0	0.121	3	2.37	0.024	0.20	0.1	7.2	0.18	0.04	47	1.2	0.04	7.3	1.97	<0.1	0.04
YE0000	Soil	12.1	41.7	0.71	159.3	0.112	1	1.50	0.018	0.19	<0.1	3.3	0.18	0.03	15	0.4	0.06	5.6	1.62	<0.1	0.04
REP YE0000	QC	12.1	41.1	0.71	158.1	0.112	2	1.52	0.018	0.19	<0.1	3.3	0.17	0.03	18	0.2	0.08	5.5	1.62	<0.1	0.04
YF0250	Soil	10.7	24.0	0.35	120.9	0.114	4	1.00	0.025	0.11	<0.1	1.9	0.09	0.05	16	0.6	0.03	5.3	1.13	0.1	<0.02
REP YF0250	QC	9.7	21.7	0.36	112.7	0.121	1	0.98	0.024	0.11	<0.1	2.1	0.09	0.05	24	0.8	0.03	5.2	1.09	0.1	0.04
YG0950	Soil	11.3	91.3	1.35	636.2	0.150	3	2.20	0.023	0.32	0.1	5.6	0.21	0.09	45	1.5	<0.02	8.2	3.13	0.1	0.04
REP YG0950	QC	11.4	92.3	1.35	620.2	0.150	3	2.18	0.023	0.31	0.2	5.7	0.20	0.09	67	1.7	0.04	8.4	3.11	<0.1	0.04
YH0400	Soil	10.0	46.2	0.83	160.3	0.107	2	2.58	0.011	0.12	0.1	4.5	0.15	0.06	32	0.3	0.04	7.8	1.61	<0.1	0.04
REP YH0400	QC	9.9	45.0	0.82	157.5	0.105	3	2.60	0.010	0.12	0.1	4.1	0.13	0.06	42	0.2	0.06	7.2	1.58	<0.1	0.06
YI0400	Soil	21.9	39.8	0.89	111.3	0.122	1	2.43	0.009	0.24	<0.1	4.4	0.28	<0.02	12	0.4	0.04	6.2	2.99	<0.1	0.05
REP YI0400	QC	26.6	40.6	0.88	116.3	0.139	2	2.42	0.010	0.24	<0.1	4.5	0.32	<0.02	12	0.1	0.04	6.7	3.27	<0.1	0.02
YI1000	Soil	14.3	161.6	2.10	1112	0.239	1	3.20	0.051	0.93	<0.1	8.0	0.20	0.04	23	0.4	0.02	9.7	3.52	0.1	<0.02
REP YI1000	QC	15.5	171.5	2.08	1202	0.285	1	3.13	0.050	0.91	0.2	8.1	0.21	0.05	34	0.6	0.09	9.6	3.68	<0.1	<0.02
YJ1200	Soil	18.0	88.8	1.37	285.1	0.194	3	1.94	0.037	0.46	0.2	6.0	0.19	0.03	24	0.4	0.02	6.7	2.14	0.1	0.04
REP YJ1200	QC	17.4	87.2	1.34	293.3	0.190	4	1.91	0.036	0.45	0.1	5.5	0.20	0.03	24	0.3	0.03	6.5	2.11	<0.1	0.06
YK0250	Soil	16.1	33.0	0.61	233.2	0.093	1	1.75	0.017	0.30	<0.1	3.4	0.17	0.04	32	0.2	0.10	6.9	2.01	<0.1	<0.02
REP YK0250	QC	15.5	33.0	0.60	239.7	0.091	2	1.73	0.017	0.29	<0.1	3.1	0.18	0.04	19	0.3	0.13	6.6	2.00	<0.1	0.06
YL0500	Soil	11.0	54.4	0.93	180.7	0.111	3	2.79	0.012	0.11	<0.1	4.8	0.12	0.03	32	0.5	0.08	8.1	1.45	<0.1	0.05
REP YL0500	QC	11.1	57.8	0.93	182.6	0.121	4	2.80	0.012	0.11	<0.1	5.1	0.11	0.03	28	0.2	0.09	7.9	1.45	<0.1	0.04



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

[www.acmelab.com](http://www.acmelab.com)

Client:

**18526 Yukon Inc.**

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Soils 2012

Report Date:

August 02, 2012

Page:

1 of 2

Part:

3 of 3

## QUALITY CONTROL REPORT

WHI12000304.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
YA0900	Soil	1.35	21.3	0.7	<0.05	1.6	5.08	18.1	0.03	<1	0.4	17.4	<10	<2
REP YA0900	QC	1.29	20.2	0.6	<0.05	1.5	4.80	17.3	0.03	<1	0.4	16.2	<10	<2
YA1450	Soil	0.76	8.3	0.4	<0.05	1.5	6.23	18.7	<0.02	<1	0.4	6.4	<10	<2
REP YA1450	QC	0.67	7.1	0.4	<0.05	1.3	5.35	16.6	<0.02	<1	0.2	6.1	<10	<2
YC0100	Soil	1.11	30.0	1.8	<0.05	1.1	5.75	38.7	0.03	<1	0.5	22.6	<10	<2
REP YC0100	QC	1.07	30.2	1.9	<0.05	1.1	5.69	39.3	0.04	<1	0.6	22.6	<10	<2
YC0600	Soil	1.24	12.0	1.8	<0.05	2.1	8.95	21.3	0.09	<1	0.3	10.7	<10	<2
REP YC0600	QC	1.34	13.3	1.9	<0.05	2.2	8.51	21.6	0.09	<1	0.3	11.5	<10	<2
YD0850	Soil	1.25	22.1	4.9	<0.05	2.6	14.46	30.5	0.06	<1	0.7	22.3	<10	<2
REP YD0850	QC	1.19	22.0	5.2	<0.05	2.8	14.62	30.9	0.06	<1	0.7	21.8	<10	<2
YE0000	Soil	0.77	22.7	1.1	<0.05	2.2	4.99	24.1	0.05	<1	0.3	18.2	<10	<2
REP YE0000	QC	0.86	22.9	1.2	<0.05	2.3	4.96	23.8	0.05	1	0.4	18.2	<10	<2
YF0250	Soil	0.96	15.6	1.1	<0.05	1.8	5.13	21.9	<0.02	<1	0.1	11.2	<10	<2
REP YF0250	QC	0.96	16.2	0.9	<0.05	1.8	4.92	20.0	0.02	<1	<0.1	11.0	<10	<2
YG0950	Soil	7.50	34.7	1.0	<0.05	2.5	13.21	23.0	0.02	3	0.5	28.8	<10	<2
REP YG0950	QC	7.26	34.3	0.8	<0.05	2.4	12.85	23.0	0.03	1	0.4	29.4	<10	<2
YH0400	Soil	1.14	14.5	0.8	<0.05	2.2	5.52	30.6	0.04	<1	0.6	23.4	<10	<2
REP YH0400	QC	1.16	14.1	0.8	<0.05	2.5	5.39	31.2	0.04	<1	0.7	23.8	<10	<2
YI0400	Soil	1.71	39.0	0.9	<0.05	2.1	5.78	51.3	<0.02	<1	0.8	31.6	<10	<2
REP YI0400	QC	2.33	41.7	0.8	<0.05	1.9	6.39	61.7	<0.02	<1	0.7	33.9	<10	3
YI1000	Soil	3.97	54.7	0.8	<0.05	1.7	13.23	29.1	0.03	<1	0.6	31.8	<10	<2
REP YI1000	QC	5.41	57.7	0.9	<0.05	2.1	14.05	30.6	0.04	<1	0.9	32.0	<10	<2
YJ1200	Soil	3.06	36.3	0.6	<0.05	2.7	10.86	35.4	0.03	<1	0.5	23.6	<10	<2
REP YJ1200	QC	3.08	35.0	0.7	<0.05	2.6	10.92	35.6	0.03	<1	0.5	22.9	<10	<2
YK0250	Soil	0.96	28.9	0.8	<0.05	1.5	5.54	30.4	0.03	<1	0.6	20.8	<10	<2
REP YK0250	QC	1.00	28.2	0.8	<0.05	1.5	5.25	29.1	0.03	1	0.6	19.3	<10	<2
YL0500	Soil	1.18	14.5	0.7	<0.05	2.9	5.11	32.9	0.04	<1	0.8	20.5	<10	<2
REP YL0500	QC	1.21	13.9	0.7	<0.05	2.7	5.14	31.7	0.05	<1	0.8	19.7	<10	2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

18526 Yukon Inc.

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Soils 2012

Report Date:

August 02, 2012

Page:

2 of 2

Part:

1 of 3

## QUALITY CONTROL REPORT

WHI12000304.1

		1F30 Mo ppm 0.01	1F30 Cu ppm 0.01	1F30 Pb ppm 0.01	1F30 Zn ppm 0.1	1F30 Ag ppb 2	1F30 Ni ppm 0.1	1F30 Co ppm 0.1	1F30 Mn ppm 1	1F30 Fe % 0.01	1F30 As ppm 0.1	1F30 U ppm 0.1	1F30 Au ppb 0.2	1F30 Th ppm 0.1	1F30 Sr ppm 0.5	1F30 Cd ppm 0.01	1F30 Sb ppm 0.02	1F30 Bi ppm 0.02	1F30 V ppm 2	1F30 Ca % 0.01	1F30 P % 0.001
YN0300	Soil	1.52	72.03	19.93	96.9	101	42.1	19.9	1054	4.04	22.6	0.5	5.7	2.0	24.2	0.33	1.02	0.13	93	0.35	0.065
REP YN0300	QC	1.45	71.44	18.64	100.4	104	41.8	19.2	1058	3.98	22.4	0.5	6.1	1.8	22.8	0.33	1.03	0.11	92	0.33	0.067
YN1100	Soil	0.37	116.9	3.07	57.6	57	121.7	32.2	459	4.53	10.9	0.3	2.1	1.7	22.1	0.05	0.22	0.03	132	0.74	0.128
REP YN1100	QC	0.38	112.5	3.00	55.5	56	116.7	31.6	434	4.37	11.0	0.3	1.3	1.6	21.6	0.04	0.22	<0.02	128	0.71	0.129
Reference Materials																					
STD DS9	Standard	14.02	114.0	125.6	338.0	2088	45.5	8.4	625	2.37	28.8	3.1	121.8	7.0	82.8	2.57	6.48	7.37	42	0.77	0.093
STD DS9	Standard	13.80	117.1	125.6	328.0	1950	42.4	8.1	622	2.40	26.4	3.0	127.7	7.2	78.0	2.44	5.93	7.24	42	0.77	0.085
STD DS9	Standard	14.19	114.0	129.3	327.3	1910	42.2	7.8	604	2.39	27.5	3.2	120.3	7.9	87.8	2.56	6.30	7.31	40	0.77	0.086
STD DS9	Standard	13.24	113.7	110.4	306.6	1858	41.3	7.9	602	2.33	25.6	2.2	112.7	5.3	62.8	2.44	4.68	5.40	39	0.73	0.081
STD DS9	Standard	13.00	113.2	124.2	317.0	1954	41.8	7.1	571	2.26	27.4	2.9	123.7	6.8	76.6	2.44	6.16	7.29	38	0.71	0.100
STD DS9	Standard	12.29	116.9	132.7	320.6	2009	42.4	7.7	577	2.38	25.8	2.5	132.3	6.3	59.8	2.61	4.80	5.82	40	0.71	0.088
STD DS9	Standard	12.27	107.6	107.8	305.2	1859	40.0	7.3	577	2.27	25.1	2.2	118.6	5.0	59.0	2.39	4.45	5.32	38	0.70	0.085
STD DS9	Standard	12.95	119.1	125.0	316.8	1792	43.4	8.0	573	2.35	25.7	3.0	108.2	7.2	72.1	2.48	5.78	6.94	39	0.72	0.082
STD DS9	Standard	12.63	105.6	123.5	296.7	1858	40.6	7.6	563	2.26	24.9	2.7	115.8	5.9	57.6	2.32	4.64	4.97	39	0.69	0.083
STD DS9	Standard	13.22	109.2	113.7	308.3	1889	41.0	7.6	600	2.34	26.3	2.3	119.0	5.1	63.4	2.47	4.27	5.00	41	0.75	0.086
STD DS9	Standard	13.60	113.3	126.5	313.5	1829	40.5	7.8	585	2.37	25.1	3.2	119.4	7.5	78.9	2.52	5.85	7.06	40	0.75	0.079
STD DS9 Expected		12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank	<0.01	<0.01	0.07	<0.1	7	<0.1	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	0.01	<0.1	8	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.02	0.06	<0.1	9	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.12	<0.01	<0.1	2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.11	0.01	<0.1	4	<0.1	<0.1	<1	<0.01	0.3	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.17	<0.01	0.1	3	0.2	<0.1	2	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.02	0.03	<0.1	9	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	6	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.03	<0.01	<0.1	2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	0.02	0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001





Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

18526 Yukon Inc.

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Soils 2012

Report Date:

August 02, 2012

Page:

2 of 2

Part:

2 of 3

## QUALITY CONTROL REPORT

WHI12000304.1

		1F30 La ppm 0.5	1F30 Cr ppm 0.5	1F30 Mg % 0.01	1F30 Ba ppm 0.5	1F30 Ti % 0.001	1F30 B ppm 1	1F30 Al % 0.01	1F30 Na % 0.001	1F30 K % 0.01	1F30 W ppm 0.1	1F30 Sc ppm 0.1	1F30 Ti ppm 0.02	1F30 S % 0.02	1F30 Hg ppb 5	1F30 Se ppm 0.1	1F30 Te ppm 0.02	1F30 Ga ppm 0.1	1F30 Cs ppm 0.02	1F30 Ge ppm 0.1	1F30 Hf ppm 0.02
YN0300	Soil	10.5	47.1	0.81	233.7	0.121	<1	1.99	0.012	0.17	0.1	4.4	0.14	0.03	45	0.2	0.06	7.8	1.64	<0.1	0.06
REP YN0300	QC	10.5	46.3	0.78	219.6	0.129	2	1.95	0.012	0.17	0.1	4.1	0.13	0.03	26	0.1	0.05	7.3	1.60	<0.1	0.04
YN1100	Soil	10.2	182.7	2.87	164.2	0.209	<1	3.01	0.020	0.53	<0.1	6.1	0.11	<0.02	8	<0.1	<0.02	9.7	2.66	<0.1	0.05
REP YN1100	QC	9.8	173.1	2.81	165.6	0.200	<1	2.87	0.019	0.51	<0.1	5.9	0.11	<0.02	5	0.1	<0.02	9.6	2.62	<0.1	0.04
Reference Materials																					
STD DS9	Standard	15.5	120.8	0.65	341.1	0.123	4	1.08	0.089	0.43	3.1	2.9	5.64	0.17	216	5.8	5.28	4.9	2.64	0.1	0.09
STD DS9	Standard	15.3	125.1	0.66	318.4	0.122	4	1.03	0.103	0.43	3.1	2.7	5.63	0.17	231	5.5	5.18	4.6	2.43	<0.1	0.08
STD DS9	Standard	16.9	119.8	0.63	323.9	0.134	4	1.00	0.097	0.41	3.2	2.8	5.68	0.17	231	5.2	5.15	4.8	2.50	<0.1	0.09
STD DS9	Standard	12.7	117.2	0.61	307.7	0.109	2	0.97	0.096	0.41	2.9	2.5	5.58	0.16	195	5.3	4.98	4.7	2.45	<0.1	0.09
STD DS9	Standard	13.8	114.6	0.61	300.6	0.114	3	0.94	0.090	0.39	2.9	2.7	5.61	0.16	216	5.3	5.21	4.5	2.45	0.2	0.08
STD DS9	Standard	11.2	119.8	0.64	300.8	0.093	3	0.93	0.081	0.41	3.0	2.3	5.65	0.17	241	5.4	5.34	4.7	2.45	<0.1	0.07
STD DS9	Standard	11.2	114.3	0.61	282.6	0.093	2	0.94	0.085	0.39	2.7	2.5	5.62	0.16	211	5.5	5.34	4.8	2.49	<0.1	0.08
STD DS9	Standard	13.9	116.5	0.62	286.6	0.121	2	0.97	0.084	0.39	2.9	2.6	5.34	0.16	191	5.3	5.04	4.5	2.35	0.1	0.08
STD DS9	Standard	13.0	114.7	0.59	288.2	0.110	2	0.92	0.079	0.37	3.0	2.2	5.60	0.16	176	5.2	5.03	4.3	2.36	<0.1	0.07
STD DS9	Standard	13.0	117.8	0.62	308.9	0.099	2	0.98	0.094	0.41	3.0	2.7	5.73	0.16	235	5.7	5.17	4.9	2.46	0.1	0.07
STD DS9	Standard	16.3	115.4	0.63	315.8	0.136	2	1.01	0.093	0.41	3.2	2.5	5.44	0.16	189	5.2	5.01	4.4	2.42	<0.1	0.10
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	1.1	<0.01	0.7	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

18526 Yukon Inc.

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Soils 2012

Report Date:

August 02, 2012

Page:

2 of 2

Part:

3 of 3

## QUALITY CONTROL REPORT

WHI12000304.1

		1F30 Nb ppm 0.02	1F30 Rb ppm 0.1	1F30 Sn ppm 0.1	1F30 Ta ppm 0.05	1F30 Zr ppm 0.1	1F30 Y ppm 0.01	1F30 Ce ppm 0.1	1F30 In ppm 0.02	1F30 Re ppb 1	1F30 Be ppm 0.1	1F30 Li ppm 0.1	1F30 Pd ppb 10	1F30 Pt ppb 2
YN0300	Soil	1.33	18.7	0.7	<0.05	3.2	4.87	20.4	0.04	<1	0.6	22.0	<10	<2
REP YN0300	QC	1.44	18.1	0.6	<0.05	2.8	4.82	20.3	0.02	<1	0.5	20.5	<10	<2
YN1100	Soil	1.39	33.2	0.6	<0.05	1.9	6.68	21.9	0.02	<1	0.5	37.0	<10	<2
REP YN1100	QC	1.37	32.1	0.5	<0.05	1.9	6.37	21.0	0.02	<1	0.4	36.3	<10	<2
Reference Materials														
STD DS9	Standard	1.45	35.6	7.3	<0.05	2.3	6.73	29.2	2.46	57	5.0	25.8	130	384
STD DS9	Standard	1.45	36.0	7.0	<0.05	2.2	6.11	28.6	2.45	71	5.6	28.3	139	356
STD DS9	Standard	1.54	35.7	7.8	<0.05	2.3	6.84	31.6	2.53	64	5.5	27.6	116	369
STD DS9	Standard	1.31	35.4	6.6	<0.05	2.0	5.89	23.5	2.43	69	5.7	25.9	132	361
STD DS9	Standard	1.51	34.0	7.1	<0.05	2.1	5.92	26.3	2.61	57	5.1	26.8	111	366
STD DS9	Standard	1.28	34.8	6.7	<0.05	1.6	5.18	19.7	2.33	63	6.2	26.8	128	380
STD DS9	Standard	1.39	35.0	5.3	<0.05	1.9	5.35	22.5	1.97	70	6.2	26.1	147	358
STD DS9	Standard	1.27	33.8	6.9	<0.05	2.1	5.44	24.6	2.38	67	5.7	26.0	109	345
STD DS9	Standard	1.40	32.2	6.3	<0.05	1.6	5.68	25.7	2.20	73	6.0	25.4	133	352
STD DS9	Standard	1.47	35.3	6.9	<0.05	2.0	5.98	23.1	2.32	68	5.6	27.5	126	367
STD DS9	Standard	1.41	34.7	7.8	<0.05	2.4	6.44	30.9	2.48	62	5.0	25.5	118	363
STD DS9 Expected		1.33	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

**Client:** 18526 Yukon Inc.  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Submitted By: Ron Berdahl  
Receiving Lab: Canada-Whitehorse  
Received: July 12, 2012  
Report Date: July 26, 2012  
Page: 1 of 7

## CERTIFICATE OF ANALYSIS

WHI12000308.1

### CLIENT JOB INFORMATION

Project: Tosh Soils 2012  
Shipment ID:  
P.O. Number  
Number of Samples: 168

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: 18526 Yukon Inc.  
P.O. Box 11250  
Whitehorse YT Y1A 6N4  
Canada

CC: Scott Berdahl

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	168	Dry at 60C			WHI
SS80	168	Dry at 60C sieve 100g to -80 mesh			WHI
1F06	168	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.  
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.  
\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 2 of 7

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YN1150	Soil	0.43	104.8	2.92	58.0	93	113.3	30.6	683	4.81	5.1	0.2	1.9	0.8	26.9	0.05	0.16	0.04	148	1.41
Y00000	Soil	1.42	37.81	8.98	89.4	414	23.9	13.0	880	2.68	14.3	0.7	8.1	1.0	22.2	0.27	0.62	0.15	69	0.29
Y00050	Soil	1.55	46.86	16.37	120.5	515	38.7	13.5	383	3.22	18.0	0.6	10.7	1.9	22.4	0.19	0.79	0.20	79	0.34
Y00100	Soil	1.56	42.18	17.40	127.7	207	36.6	15.2	791	3.49	27.4	0.7	15.3	2.3	22.1	0.20	0.88	0.18	76	0.28
Y00150	Soil	1.48	37.39	127.5	183.4	1162	34.9	13.2	741	3.76	59.9	0.7	29.3	2.7	23.4	0.86	2.53	0.17	71	0.29
Y00200	Soil	1.61	37.09	44.79	137.8	1084	26.1	12.7	837	2.82	112.9	0.6	47.6	1.3	21.9	0.66	1.47	0.16	60	0.25
Y00250	Soil	1.55	34.90	192.3	177.7	1647	30.4	11.5	475	3.23	53.6	0.6	41.1	2.4	24.7	1.13	2.84	0.15	68	0.29
Y00300	Soil	0.30	14.90	1.75	28.5	99	5.3	4.1	107	1.44	1.7	0.2	1.0	0.2	17.5	0.08	0.08	0.03	48	0.26
Y00350	Soil	1.08	41.26	10.22	61.2	303	20.0	10.0	462	2.25	8.1	0.6	7.0	0.4	26.5	0.16	0.48	0.09	54	0.34
Y00400	Soil	1.40	52.99	6.17	72.9	95	29.0	12.8	492	2.49	8.1	0.5	2.9	0.9	23.5	0.15	0.53	0.11	56	0.31
Y00450	Soil	2.18	38.15	10.40	69.9	49	34.5	13.0	409	4.29	12.7	0.5	4.4	2.1	19.0	0.11	0.66	0.17	94	0.27
Y00500	Soil	2.35	37.75	10.69	70.4	73	41.0	19.7	648	4.19	13.8	0.6	2.9	1.8	16.8	0.10	0.68	0.18	90	0.23
Y00550	Soil	1.70	63.70	11.77	76.2	170	46.8	21.5	1111	4.23	17.6	0.7	4.8	1.8	21.4	0.19	0.65	0.17	90	0.34
Y00600	Soil	1.22	58.75	14.96	75.2	150	54.0	18.2	693	3.82	12.2	0.7	5.6	2.5	21.1	0.11	0.62	0.13	86	0.33
Y00650	Soil	0.66	37.33	3.80	30.4	139	12.5	6.6	279	1.29	4.4	0.4	1.8	0.3	25.6	0.07	0.23	0.06	31	0.35
Y00700	Soil	1.27	69.84	14.55	73.8	365	36.2	13.2	660	3.15	15.3	0.7	7.4	1.7	24.6	0.10	0.70	0.14	68	0.33
Y00750	Soil	1.31	82.17	11.33	77.0	191	44.2	15.4	700	3.48	12.5	0.7	4.7	1.6	29.9	0.09	0.56	0.14	77	0.39
Y00800	Soil	0.80	36.52	3.59	26.0	176	10.4	6.3	339	1.20	4.6	0.4	1.9	0.2	22.5	0.02	0.19	0.06	28	0.26
Y00850	Soil	1.16	82.14	7.18	51.8	180	29.8	12.0	554	2.41	8.7	0.7	3.6	0.7	28.9	0.09	0.45	0.11	53	0.37
Y00900	Soil	1.10	55.01	10.30	68.1	127	48.1	15.7	696	3.39	11.2	0.7	10.6	2.3	27.7	0.04	0.62	0.11	76	0.40
Y00950	Soil	1.44	50.73	7.51	73.3	148	38.3	13.9	573	3.17	8.8	0.6	6.5	1.5	26.8	0.09	0.51	0.11	73	0.36
Y01000	Soil	1.75	66.40	9.42	86.4	241	46.2	17.1	695	3.52	10.6	0.9	3.9	2.0	29.1	0.20	0.59	0.15	77	0.41
Y01050	Soil	1.03	70.14	4.27	50.8	226	26.3	7.0	231	1.67	4.9	0.7	2.1	0.4	29.7	0.26	0.30	0.07	37	0.39
Y01100	Soil	0.94	68.67	9.46	90.3	244	68.6	19.2	633	3.55	9.3	1.3	5.4	2.5	43.2	0.17	0.62	0.11	83	0.86
Y01150	Soil	0.53	74.64	4.84	65.3	162	84.0	26.4	677	4.21	3.8	0.5	2.2	2.0	25.0	0.06	0.16	0.07	114	0.94
Y01200	Soil	0.81	80.78	6.56	56.5	229	48.3	13.5	374	2.84	8.0	1.2	2.9	1.1	51.4	0.09	0.41	0.11	58	0.95
Y01250	Soil	0.41	96.70	2.93	40.9	108	56.9	17.0	424	2.64	8.0	0.5	2.2	0.6	41.9	0.06	0.36	0.04	66	1.06
Y0 OFF COURSE	Soil	8.32	174.5	26.17	275.3	852	115.7	24.0	678	6.35	128.0	2.0	38.5	5.5	34.5	1.37	7.00	0.54	70	1.10
YP0000	Soil	1.66	46.38	13.85	96.7	297	32.7	14.2	553	2.87	16.5	0.7	7.7	1.0	26.1	0.27	0.97	0.18	65	0.36
YP0050	Soil	1.34	27.41	6.43	63.2	118	19.9	8.0	337	1.95	9.4	0.4	3.6	1.0	19.8	0.24	0.52	0.14	49	0.26





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 2 of 7

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30 La ppm 0.5	1F30 Cr ppm 0.5	1F30 Mg % 0.01	1F30 Ba ppm 0.5	1F30 Ti % 0.001	1F30 B ppm 1	1F30 Al % 0.01	1F30 Na % 0.001	1F30 K % 0.01	1F30 W ppm 0.1	1F30 Sc ppm 0.1	1F30 Ti ppm 0.02	1F30 S % 0.02	1F30 Hg ppb 5	1F30 Se ppm 0.1	1F30 Te ppm 0.02	1F30 Ga ppm 0.1	1F30 Cs ppm 0.02	1F30 Ge ppm 0.1	1F30 Hf ppm 0.02
YN1150	Soil	5.9	203.1	2.46	352.4	0.366	2	3.09	0.019	1.26	<0.1	7.0	0.14	<0.02	14	0.2	0.03	10.3	1.77	0.1	0.03
Y00000	Soil	7.6	29.0	0.49	111.8	0.096	2	1.38	0.026	0.18	<0.1	2.9	0.18	0.04	41	0.3	0.08	6.0	1.54	<0.1	0.03
Y00050	Soil	10.0	42.0	0.82	121.3	0.127	2	2.10	0.013	0.21	<0.1	3.9	0.21	<0.02	46	0.3	0.12	7.7	1.95	<0.1	0.05
Y00100	Soil	11.3	40.6	0.74	144.4	0.127	2	1.91	0.013	0.25	0.1	3.8	0.26	0.03	24	0.3	0.10	7.2	2.28	<0.1	0.03
Y00150	Soil	12.1	36.4	0.65	142.5	0.119	2	1.52	0.016	0.26	0.1	3.4	0.23	0.05	25	0.4	0.07	6.6	1.87	<0.1	0.03
Y00200	Soil	9.0	29.0	0.48	112.1	0.077	2	1.45	0.021	0.14	<0.1	2.8	0.15	0.05	35	0.4	0.07	5.8	1.31	<0.1	0.02
Y00250	Soil	11.6	32.0	0.56	123.1	0.102	2	1.50	0.014	0.18	0.1	3.3	0.17	0.05	25	0.4	0.04	6.2	1.48	<0.1	0.04
Y00300	Soil	3.8	6.9	0.12	34.1	0.068	1	0.38	0.037	0.04	<0.1	0.9	0.02	0.03	16	0.1	<0.02	2.8	0.20	<0.1	0.02
Y00350	Soil	8.5	23.2	0.40	113.4	0.058	2	1.36	0.028	0.07	<0.1	2.5	0.12	0.07	33	0.4	0.03	4.8	0.90	<0.1	<0.02
Y00400	Soil	8.2	25.7	0.49	111.5	0.074	2	1.36	0.025	0.10	<0.1	2.6	0.13	0.04	26	0.2	0.04	5.3	1.20	<0.1	0.04
Y00450	Soil	9.8	43.0	0.78	104.9	0.135	2	2.30	0.009	0.13	<0.1	4.4	0.17	<0.02	23	0.3	0.08	9.4	1.73	<0.1	0.09
Y00500	Soil	9.8	45.1	0.80	141.3	0.117	2	2.54	0.010	0.14	<0.1	4.5	0.12	0.02	30	0.4	0.07	8.4	1.62	<0.1	0.07
Y00550	Soil	11.6	46.3	0.85	203.1	0.122	2	2.42	0.014	0.20	<0.1	4.6	0.18	0.03	32	0.3	0.08	7.9	1.83	<0.1	0.04
Y00600	Soil	10.9	43.1	0.85	161.9	0.148	2	2.39	0.014	0.17	<0.1	4.9	0.15	0.02	24	0.2	0.09	7.1	1.37	<0.1	0.07
Y00650	Soil	6.1	12.2	0.25	82.9	0.044	1	0.95	0.039	0.08	<0.1	1.5	0.05	0.04	19	0.2	0.02	3.4	0.47	<0.1	0.02
Y00700	Soil	11.4	33.5	0.67	185.8	0.099	1	1.83	0.018	0.20	0.1	3.6	0.14	0.03	26	0.3	0.06	6.2	1.29	<0.1	0.04
Y00750	Soil	11.3	39.3	0.76	208.1	0.113	1	1.97	0.017	0.24	<0.1	3.8	0.16	0.03	17	0.2	0.08	6.7	1.47	<0.1	0.04
Y00800	Soil	5.5	12.2	0.22	84.8	0.040	<1	0.84	0.042	0.07	<0.1	1.3	0.05	0.03	19	0.2	0.02	3.1	0.46	<0.1	<0.02
Y00850	Soil	9.9	26.8	0.49	157.0	0.065	<1	1.53	0.026	0.12	<0.1	2.6	0.09	0.04	20	0.3	0.04	5.1	0.93	<0.1	0.04
Y00900	Soil	12.1	47.5	0.92	224.2	0.126	1	2.09	0.018	0.21	<0.1	4.7	0.16	<0.02	14	0.2	0.06	6.3	1.46	<0.1	0.05
Y00950	Soil	10.6	41.5	0.81	286.9	0.111	1	1.87	0.025	0.21	0.1	3.6	0.14	0.03	16	0.2	0.05	6.3	1.45	<0.1	0.04
Y01000	Soil	12.6	44.3	0.85	294.7	0.120	1	1.96	0.019	0.25	<0.1	4.1	0.19	0.05	18	0.3	0.08	6.6	1.75	<0.1	0.04
Y01050	Soil	7.9	19.8	0.36	149.9	0.052	<1	0.99	0.032	0.09	<0.1	1.8	0.07	0.04	26	0.3	0.03	4.1	0.70	<0.1	0.02
Y01100	Soil	13.6	67.2	1.23	581.3	0.141	1	2.34	0.037	0.30	<0.1	6.1	0.24	0.03	35	0.5	0.03	7.5	1.95	<0.1	0.06
Y01150	Soil	12.5	109.9	1.83	404.2	0.253	1	2.44	0.033	0.76	<0.1	5.5	0.20	<0.02	21	0.3	0.03	9.4	2.38	<0.1	0.04
Y01200	Soil	11.7	44.6	0.79	346.2	0.080	1	1.70	0.031	0.25	<0.1	4.0	0.17	0.05	31	0.7	0.03	5.4	1.37	<0.1	0.06
Y01250	Soil	9.1	81.4	1.28	157.5	0.107	<1	1.65	0.030	0.27	<0.1	3.9	0.06	0.04	20	0.3	<0.02	5.3	1.20	<0.1	0.04
Y0 OFF COURSE	Soil	18.2	44.7	0.91	353.5	0.085	2	1.50	0.021	0.26	0.1	4.9	0.16	0.08	36	3.1	0.49	4.6	2.15	<0.1	0.08
YP0000	Soil	8.9	34.2	0.62	140.4	0.099	2	1.65	0.020	0.22	0.1	3.2	0.22	0.06	60	0.3	0.09	6.7	1.86	<0.1	0.05
YP0050	Soil	6.7	21.5	0.39	88.3	0.079	1	0.99	0.026	0.14	<0.1	2.1	0.14	0.03	24	0.2	0.05	5.3	1.20	<0.1	0.03



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 2 of 7

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
YN1150	Soil	3.56	62.0	1.2	<0.05	1.3	7.88	12.3	<0.02	<1	0.3	34.4	11
Y00000	Soil	1.29	26.0	1.5	<0.05	1.7	3.71	16.9	<0.02	<1	0.3	15.8	<10
Y00050	Soil	1.62	29.7	1.3	<0.05	2.6	4.21	21.0	<0.02	<1	0.4	24.4	<10
Y00100	Soil	1.64	35.2	1.2	<0.05	2.1	4.12	24.4	<0.02	1	0.4	26.2	<10
Y00150	Soil	1.44	31.2	2.6	<0.05	2.2	4.64	25.3	0.02	<1	0.4	21.2	<10
Y00200	Soil	1.13	18.0	1.1	<0.05	1.6	3.76	19.3	<0.02	<1	0.4	16.2	<10
Y00250	Soil	1.26	21.8	2.3	<0.05	2.2	4.51	24.4	<0.02	<1	0.3	19.6	<10
Y00300	Soil	0.36	2.8	0.3	<0.05	1.1	2.30	8.8	<0.02	<1	<0.1	2.0	<10
Y00350	Soil	0.92	11.8	0.6	<0.05	1.8	5.26	19.2	<0.02	<1	0.3	10.3	<10
Y00400	Soil	1.08	15.9	0.4	<0.05	2.0	3.88	18.3	<0.02	<1	0.3	13.7	<10
Y00450	Soil	1.83	16.8	1.3	<0.05	4.6	4.39	21.5	0.02	<1	0.5	25.4	<10
Y00500	Soil	1.72	17.0	1.7	<0.05	3.6	4.48	23.4	0.03	<1	0.6	25.6	<10
Y00550	Soil	1.64	24.0	1.8	<0.05	2.7	5.67	27.1	0.03	<1	0.6	25.8	<10
Y00600	Soil	1.41	17.4	1.0	<0.05	4.9	5.52	30.2	0.02	<1	0.5	21.1	<10
Y00650	Soil	0.62	7.1	1.0	<0.05	1.6	3.96	12.6	<0.02	<1	0.2	5.3	<10
Y00700	Soil	1.37	20.4	1.5	<0.05	2.5	6.40	22.9	<0.02	<1	0.5	19.0	<10
Y00750	Soil	1.52	24.2	1.9	<0.05	2.4	5.46	24.4	0.02	<1	0.6	20.6	<10
Y00800	Soil	0.57	7.5	0.3	<0.05	1.0	3.26	10.8	<0.02	<1	0.2	4.6	<10
Y00850	Soil	1.25	13.7	0.8	<0.05	2.1	6.34	19.7	<0.02	<1	0.4	12.7	<10
Y00900	Soil	1.33	22.1	1.6	<0.05	2.8	6.96	26.5	<0.02	<1	0.5	23.7	<10
Y00950	Soil	1.59	23.0	1.0	<0.05	1.9	4.90	22.8	0.02	<1	0.4	20.1	<10
Y01000	Soil	1.65	29.5	1.6	<0.05	2.3	6.14	26.8	0.02	<1	0.5	22.4	<10
Y01050	Soil	1.06	12.6	0.7	<0.05	1.4	10.82	15.6	<0.02	<1	0.3	9.2	<10
Y01100	Soil	2.70	35.4	1.3	<0.05	3.2	13.21	27.1	0.02	<1	0.6	30.7	<10
Y01150	Soil	3.67	55.9	0.8	<0.05	1.9	10.67	25.1	<0.02	<1	0.3	29.2	<10
Y01200	Soil	2.32	30.3	0.9	<0.05	3.0	9.10	24.3	<0.02	<1	0.3	20.7	<10
Y01250	Soil	3.45	19.2	0.6	<0.05	2.1	8.87	16.7	<0.02	<1	0.3	19.3	<10
Y0 OFF COURSE	Soil	1.20	22.7	3.3	<0.05	4.7	12.71	34.2	<0.02	<1	0.5	15.1	<10
YP0000	Soil	2.05	32.1	1.4	<0.05	2.3	4.48	19.5	<0.02	<1	0.3	21.1	<10
YP0050	Soil	1.46	25.8	1.3	<0.05	1.9	2.81	14.5	<0.02	<1	0.2	10.9	<10



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 3 of 7

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YP0100	Soil	1.93	42.38	11.70	82.3	382	30.3	18.3	2215	2.74	22.7	0.7	8.9	1.1	23.2	0.23	0.70	0.17	63	0.29
YP0150	Soil	1.51	44.78	6.60	61.6	198	23.9	11.3	552	2.34	7.2	0.7	4.3	0.6	22.1	0.11	0.40	0.14	51	0.28
YP0200	Soil	1.57	62.95	14.03	101.9	199	36.8	16.8	819	3.34	13.7	0.9	12.2	2.5	26.4	0.25	0.66	0.18	73	0.29
YP0250	Soil	1.84	82.28	9.95	78.5	125	31.6	14.1	536	2.89	11.2	0.8	7.1	1.3	29.3	0.25	0.66	0.13	68	0.30
YP0300	Soil	1.51	93.92	11.15	86.3	115	41.5	16.7	613	3.18	10.6	0.8	10.2	2.3	25.1	0.14	0.59	0.12	75	0.31
YP0350	Soil	2.04	92.98	13.66	92.3	156	38.0	15.9	625	3.21	13.3	1.1	13.4	2.4	21.1	0.20	0.87	0.24	72	0.22
YP0400	Soil	1.34	54.94	12.10	82.0	85	36.6	16.7	505	3.19	8.5	0.8	6.2	3.1	22.5	0.22	0.56	0.13	65	0.29
YP0450	Soil	1.01	42.78	25.41	121.9	518	41.5	14.2	505	3.02	58.3	0.7	43.0	2.6	26.7	0.71	1.14	0.06	61	0.39
YP0500	Soil	1.02	45.28	30.27	92.4	311	45.0	16.7	540	3.60	33.1	0.7	14.3	3.2	22.9	0.30	0.85	0.07	71	0.26
YP0550	Soil	1.21	60.84	29.42	105.2	500	53.9	17.4	543	4.01	25.6	1.0	25.9	2.6	23.5	0.16	0.95	0.09	77	0.25
YP0600	Soil	2.08	61.33	17.03	104.4	333	41.2	17.8	835	4.09	30.4	1.1	10.4	1.6	32.7	0.23	0.98	0.12	80	0.37
YP0650	Soil	1.65	47.98	9.15	75.3	192	27.8	14.5	595	2.84	10.2	0.8	2.3	1.0	40.1	0.19	0.73	0.08	61	0.47
YP0700	Soil	1.64	66.61	15.55	81.7	312	45.3	17.5	635	3.93	17.5	0.8	7.2	2.2	29.8	0.12	0.79	0.09	79	0.34
YP0750	Soil	1.92	73.54	11.38	75.8	207	36.8	18.8	705	3.57	13.7	0.8	1.8	1.6	41.1	0.27	0.68	0.11	77	0.46
YP0800	Soil	2.01	84.08	12.66	85.1	388	37.0	17.7	685	3.99	14.8	0.8	3.0	1.2	44.5	0.19	0.81	0.13	84	0.44
YP0850	Soil	2.01	69.94	15.00	89.9	185	37.0	19.4	768	3.67	15.8	0.7	3.1	1.7	35.2	0.19	0.89	0.12	73	0.35
YP0900	Soil	1.59	66.36	13.03	81.3	202	35.6	16.9	834	3.20	14.1	0.7	4.6	1.8	31.2	0.18	0.75	0.07	67	0.34
YP0950	Soil	2.01	83.89	10.75	89.1	272	38.3	21.6	876	3.55	13.9	0.9	3.2	1.3	40.2	0.26	0.73	0.08	72	0.46
YQ0000	Soil	1.19	50.45	6.46	57.5	143	22.1	11.0	417	1.96	7.7	0.6	6.8	0.6	26.0	0.14	0.42	0.05	44	0.26
YQ0050	Soil	1.20	51.92	6.43	47.5	213	20.9	11.1	288	2.37	7.1	0.7	3.4	0.5	25.2	0.08	0.45	0.06	56	0.25
YQ0100	Soil	1.52	62.20	11.62	86.9	88	44.5	17.2	495	4.00	17.6	1.0	10.6	3.1	21.2	0.09	0.64	0.17	76	0.28
YQ0150	Soil	1.25	40.79	10.77	81.4	57	33.9	13.3	455	3.03	10.5	0.8	6.4	4.4	30.1	0.13	0.52	0.10	57	0.28
YQ0200	Soil	1.31	45.86	9.27	89.5	83	35.0	13.6	462	3.31	18.8	0.7	7.0	2.2	26.3	0.17	0.68	0.13	71	0.29
YQ0250	Soil	1.14	42.33	5.57	53.8	183	19.6	9.6	371	2.01	7.9	0.7	5.7	0.5	29.6	0.15	0.43	0.04	43	0.30
YQ0300	Soil	1.04	36.36	6.23	49.6	121	17.9	8.0	292	1.76	5.8	0.6	4.8	0.7	22.3	0.11	0.39	0.03	39	0.22
YQ0350	Soil	1.27	39.66	7.01	68.8	140	23.2	13.2	610	2.29	6.9	0.7	9.1	1.1	31.5	0.18	0.45	0.08	45	0.34
YQ0400	Soil	1.21	51.80	4.98	30.4	210	12.2	5.3	170	1.52	4.6	0.7	4.8	0.4	19.9	0.07	0.44	0.03	35	0.17
YQ0450	Soil	0.98	40.65	5.64	51.7	130	18.7	10.3	367	1.98	6.3	0.5	4.6	0.6	22.3	0.10	0.43	0.03	41	0.23
YQ0500	Soil	1.38	38.65	11.43	73.3	87	44.8	19.8	540	3.82	13.5	0.8	4.5	2.7	21.7	0.18	0.75	0.10	77	0.25
YQ0550	Soil	0.19	10.55	1.03	10.9	37	3.2	2.3	65	0.56	1.0	0.2	1.1	0.1	14.2	0.05	0.13	<0.02	16	0.12



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 3 of 7

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La ppm 0.5	Cr ppm 0.5	Mg % 0.01	Ba ppm 0.5	Ti % 0.001	B ppm 1	Al % 0.01	Na % 0.001	K % 0.01	W ppm 0.1	Sc ppm 0.1	Ti ppm 0.02	S % 0.02	Hg ppb 5	Se ppm 0.1	Te ppm 0.02	Ga ppm 0.1	Cs ppm 0.02	Ge ppm 0.1
YP0100	Soil	8.3	30.7	0.54	141.6	0.078	1	1.68	0.020	0.16	<0.1	3.0	0.28	0.04	33	0.4	0.08	6.6	1.55	<0.1
YP0150	Soil	7.4	25.9	0.48	103.8	0.068	1	1.49	0.025	0.12	0.1	2.6	0.17	0.05	45	0.3	0.06	5.8	1.34	<0.1
YP0200	Soil	13.1	44.4	0.71	135.4	0.137	3	1.84	0.012	0.23	<0.1	3.8	0.22	0.03	27	0.3	0.13	7.2	2.30	0.1
YP0250	Soil	10.8	35.3	0.55	134.4	0.101	2	1.63	0.018	0.14	<0.1	3.3	0.15	0.04	36	0.3	0.11	6.4	1.71	<0.1
YP0300	Soil	12.0	39.9	0.69	142.0	0.126	2	1.73	0.013	0.25	<0.1	3.6	0.19	0.03	21	0.3	0.15	6.4	2.13	<0.1
YP0350	Soil	15.6	38.9	0.61	127.0	0.100	2	1.79	0.008	0.21	<0.1	3.7	0.18	0.02	21	0.6	0.13	7.3	1.57	<0.1
YP0400	Soil	14.0	37.7	0.65	142.9	0.139	2	1.82	0.015	0.35	<0.1	3.2	0.28	0.02	16	0.4	0.07	6.5	2.64	<0.1
YP0450	Soil	12.0	37.2	0.61	108.7	0.110	2	1.51	0.012	0.14	<0.1	3.5	0.10	0.03	22	0.6	0.05	4.6	1.04	<0.1
YP0500	Soil	12.6	42.6	0.77	153.3	0.140	3	2.42	0.014	0.14	<0.1	4.9	0.14	0.05	33	0.5	<0.02	6.4	1.30	<0.1
YP0550	Soil	13.2	50.5	0.89	158.6	0.142	3	2.55	0.010	0.22	<0.1	5.1	0.22	0.04	45	0.6	0.06	7.1	2.20	<0.1
YP0600	Soil	13.8	47.5	0.78	175.3	0.105	2	2.26	0.014	0.19	<0.1	4.7	0.16	0.05	35	0.5	0.03	7.8	1.79	<0.1
YP0650	Soil	10.8	30.8	0.55	159.5	0.085	2	1.66	0.029	0.14	0.1	2.8	0.11	0.06	33	0.2	0.05	6.3	1.33	<0.1
YP0700	Soil	12.8	45.9	0.79	175.5	0.133	2	2.28	0.016	0.15	<0.1	4.7	0.12	0.03	14	0.2	0.05	7.3	1.47	<0.1
YP0750	Soil	12.7	41.2	0.69	201.3	0.122	2	1.85	0.020	0.15	<0.1	3.9	0.12	0.03	14	0.1	0.06	7.3	1.48	<0.1
YP0800	Soil	12.4	43.6	0.72	256.4	0.110	2	1.93	0.016	0.16	<0.1	3.7	0.12	0.04	17	0.2	0.05	7.9	1.50	<0.1
YP0850	Soil	12.3	42.0	0.71	217.9	0.108	2	1.82	0.018	0.18	<0.1	3.5	0.12	0.04	20	0.2	0.09	6.9	1.52	<0.1
YP0900	Soil	12.1	37.5	0.67	187.4	0.111	2	1.74	0.022	0.19	<0.1	3.2	0.12	0.04	17	0.3	0.06	6.4	1.44	<0.1
YP0950	Soil	13.2	42.2	0.73	216.0	0.104	2	1.89	0.021	0.15	<0.1	3.6	0.10	0.04	30	0.3	0.04	7.1	1.40	<0.1
YQ0000	Soil	6.9	21.8	0.39	102.9	0.076	1	1.08	0.033	0.11	0.1	2.1	0.11	0.04	31	0.2	0.05	4.8	1.20	<0.1
YQ0050	Soil	7.5	22.6	0.39	102.1	0.073	2	1.22	0.028	0.08	<0.1	2.3	0.11	0.06	28	0.2	0.04	4.9	0.99	<0.1
YQ0100	Soil	15.0	45.6	0.85	153.5	0.149	2	2.22	0.008	0.35	<0.1	4.1	0.30	0.03	20	0.4	0.09	7.6	2.84	<0.1
YQ0150	Soil	16.1	33.2	0.76	177.8	0.141	1	1.89	0.013	0.34	<0.1	3.0	0.25	0.03	11	<0.1	0.08	6.8	2.51	<0.1
YQ0200	Soil	11.8	41.3	0.66	168.1	0.138	1	1.73	0.016	0.26	<0.1	3.3	0.24	0.03	17	0.3	0.10	6.9	2.60	<0.1
YQ0250	Soil	8.2	22.2	0.38	120.9	0.065	<1	1.24	0.029	0.10	<0.1	2.2	0.12	0.06	28	0.3	0.03	4.8	1.22	<0.1
YQ0300	Soil	8.0	18.7	0.34	86.5	0.066	<1	1.04	0.030	0.10	<0.1	1.7	0.10	0.04	13	0.1	<0.02	4.3	0.99	<0.1
YQ0350	Soil	10.4	24.5	0.44	137.8	0.076	1	1.27	0.028	0.21	0.1	2.2	0.17	0.06	36	0.4	0.05	4.9	1.53	<0.1
YQ0400	Soil	6.5	16.1	0.24	76.2	0.047	<1	0.96	0.033	0.07	<0.1	1.6	0.09	0.06	34	0.3	<0.02	3.6	0.86	<0.1
YQ0450	Soil	7.5	19.5	0.33	96.1	0.069	1	1.14	0.031	0.11	<0.1	1.7	0.10	0.05	30	0.3	0.04	4.1	1.12	<0.1
YQ0500	Soil	12.5	46.4	0.79	154.7	0.144	2	2.33	0.012	0.21	<0.1	4.7	0.19	0.03	20	0.3	0.02	6.8	1.95	<0.1
YQ0550	Soil	1.8	3.4	0.07	38.3	0.030	<1	0.40	0.058	0.05	<0.1	0.8	<0.02	0.02	14	<0.1	<0.02	1.4	0.15	<0.1





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 3 of 7

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
YP0100	Soil	1.21	26.8	2.1	<0.05	1.6	3.93	23.7	<0.02	<1	0.4	19.3	<10
YP0150	Soil	1.44	20.2	0.7	<0.05	1.8	4.12	16.6	<0.02	<1	0.4	14.9	<10
YP0200	Soil	1.50	35.3	2.0	<0.05	2.1	4.12	25.9	0.06	<1	0.5	23.2	<10
YP0250	Soil	1.31	22.5	1.1	<0.05	2.1	4.33	21.4	0.03	1	0.5	17.3	<10
YP0300	Soil	1.33	34.7	1.2	<0.05	2.2	4.84	24.2	0.03	1	0.3	21.8	<10
YP0350	Soil	1.18	27.9	1.4	<0.05	1.6	4.86	30.6	0.03	<1	0.6	20.8	<10
YP0400	Soil	1.90	43.5	3.2	<0.05	2.5	4.34	27.6	<0.02	<1	0.3	24.5	<10
YP0450	Soil	0.73	15.4	0.8	<0.05	3.1	6.48	24.6	<0.02	<1	0.2	13.5	<10
YP0500	Soil	1.37	18.0	1.4	<0.05	5.2	5.21	29.7	0.03	2	0.5	16.1	<10
YP0550	Soil	1.50	31.0	1.0	<0.05	3.5	5.71	31.9	0.04	<1	0.6	23.8	<10
YP0600	Soil	1.23	25.4	2.2	<0.05	1.9	6.72	28.5	0.02	1	0.5	20.2	<10
YP0650	Soil	1.21	18.5	1.0	<0.05	2.3	4.48	22.4	0.03	<1	0.4	13.0	<10
YP0700	Soil	1.32	18.1	1.6	<0.05	3.2	6.36	27.6	0.03	<1	0.7	21.0	<10
YP0750	Soil	1.49	22.0	1.1	<0.05	2.8	5.12	26.6	0.05	<1	0.4	17.7	<10
YP0800	Soil	1.40	24.1	1.4	<0.05	2.3	4.52	24.7	0.02	<1	0.7	18.1	<10
YP0850	Soil	1.27	23.3	2.7	<0.05	2.3	4.15	26.4	0.03	2	0.5	18.4	<10
YP0900	Soil	1.41	24.0	2.1	<0.05	2.8	4.34	24.9	0.03	2	0.3	16.9	<10
YP0950	Soil	1.47	20.1	1.2	<0.05	2.4	5.65	25.3	0.02	<1	0.4	14.6	<10
YQ0000	Soil	1.12	18.6	1.0	<0.05	2.0	3.11	14.0	0.03	<1	0.3	11.3	<10
YQ0050	Soil	0.93	13.6	0.6	<0.05	2.1	3.93	15.4	<0.02	<1	0.3	9.4	<10
YQ0100	Soil	1.99	47.9	1.8	<0.05	2.6	4.97	30.9	0.03	<1	0.5	29.3	<10
YQ0150	Soil	1.77	44.8	1.9	<0.05	1.8	4.77	38.1	<0.02	<1	0.4	25.6	<10
YQ0200	Soil	1.82	43.2	1.8	<0.05	2.4	4.06	23.4	<0.02	<1	0.3	23.0	<10
YQ0250	Soil	1.05	17.2	0.6	<0.05	2.0	4.11	16.0	<0.02	<1	0.3	10.4	<10
YQ0300	Soil	0.89	14.0	1.2	<0.05	1.7	3.18	16.1	<0.02	<1	0.2	8.9	<10
YQ0350	Soil	1.38	26.1	1.0	<0.05	2.0	4.01	21.0	<0.02	<1	0.3	11.7	<10
YQ0400	Soil	0.83	10.3	0.7	<0.05	1.4	2.40	13.0	<0.02	<1	0.3	5.4	<10
YQ0450	Soil	1.01	15.7	0.6	<0.05	1.6	2.98	15.4	0.02	<1	0.4	9.4	<10
YQ0500	Soil	1.66	28.9	2.0	<0.05	3.7	5.18	29.3	0.03	<1	0.4	22.1	<10
YQ0550	Soil	0.25	2.5	0.1	<0.05	0.8	1.00	3.9	<0.02	<1	<0.1	0.9	<10



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 4 of 7

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YQ0600	Soil	1.58	48.57	10.31	79.0	134	39.5	15.8	598	3.36	15.4	0.9	9.1	1.8	27.6	0.21	0.86	0.09	65	0.29
YQ0650	Soil	0.76	49.49	6.07	61.3	53	34.3	12.9	395	2.70	7.1	0.5	9.2	2.2	25.6	0.13	0.46	0.03	67	0.36
YQ0700	Soil	2.82	110.5	12.16	81.6	323	41.1	50.1	1628	3.87	12.4	1.5	2.3	0.9	49.7	0.64	0.78	0.15	72	0.49
YQ0750	Soil	1.79	73.50	13.61	90.2	175	54.8	26.4	780	4.36	18.3	0.9	5.5	2.6	34.6	0.15	0.85	0.13	94	0.40
YQ0800	Soil	1.85	89.35	22.75	113.2	194	57.6	23.8	1212	4.18	19.0	1.0	6.8	3.6	34.9	0.16	1.36	0.14	85	0.41
YQ0850	Soil	2.52	70.31	14.49	101.3	271	40.9	18.3	694	4.25	17.0	0.9	3.1	2.0	35.4	0.25	1.03	0.14	87	0.42
YQ0900	Soil	1.56	92.83	12.98	81.2	147	54.9	20.6	818	3.71	17.5	0.9	12.5	2.8	36.9	0.18	0.81	0.10	77	0.40
YQ0950	Soil	1.44	135.5	14.58	85.1	190	58.7	20.4	936	4.20	16.3	0.9	10.5	3.3	28.3	0.10	0.97	0.10	95	0.35
YQ1000	Soil	1.92	74.75	15.28	85.7	96	35.7	16.1	906	3.33	21.8	0.9	5.3	2.1	44.6	0.44	1.99	0.29	62	0.42
YR0000	Soil	3.64	71.80	7.76	60.1	286	36.9	15.5	1092	1.84	8.0	1.3	5.5	0.3	52.0	0.52	0.76	0.24	36	0.58
YR0050	Soil	1.92	44.23	14.20	88.4	84	36.1	18.6	858	3.37	12.9	0.7	4.9	1.9	26.5	0.21	0.76	0.26	73	0.28
YR0100	Soil	1.58	53.63	10.97	82.4	178	39.3	16.7	429	3.41	10.5	1.0	7.3	2.5	22.4	0.16	0.66	0.24	63	0.26
YR0150	Soil	1.25	50.64	10.03	84.9	95	40.5	15.5	368	3.44	8.3	0.9	4.2	3.0	19.9	0.14	0.48	0.30	69	0.28
YR0200	Soil	1.47	60.50	10.00	89.2	137	40.9	15.4	417	3.80	10.4	0.9	6.0	2.1	23.4	0.12	0.59	0.28	80	0.26
YR0250	Soil	1.38	54.05	8.69	79.7	205	36.7	13.8	395	3.45	10.3	0.9	6.2	2.1	22.0	0.11	0.60	0.20	72	0.25
YR0300	Soil	0.79	26.57	3.82	44.5	112	12.6	7.0	190	1.88	3.9	0.4	1.9	0.4	22.7	0.18	0.32	0.07	51	0.24
YR0350	Soil	1.15	48.46	6.16	56.8	174	21.5	11.3	382	2.65	10.3	0.8	4.6	0.8	25.4	0.13	0.57	0.10	72	0.28
YR0400	Soil	1.51	60.51	7.40	65.6	255	28.8	10.5	413	2.56	10.1	0.9	4.5	0.6	29.8	0.16	0.78	0.14	51	0.30
YR0450	Soil	1.48	42.25	7.95	68.0	114	31.0	12.8	422	2.85	13.0	0.7	5.5	1.4	25.5	0.15	0.78	0.10	61	0.26
YR0500	Soil	2.85	47.65	8.34	50.7	105	23.8	8.9	255	2.79	11.5	0.8	6.7	0.7	26.5	0.11	0.92	0.15	74	0.23
YR0550	Soil	2.10	35.88	9.85	61.7	94	28.7	10.5	310	2.98	11.0	0.7	3.2	1.4	27.6	0.13	0.82	0.14	80	0.27
YR0600	Soil	1.67	53.46	9.14	77.4	162	40.1	14.7	393	3.35	9.8	0.8	5.4	1.7	27.9	0.16	0.67	0.14	72	0.33
YR0650	Soil	1.92	44.07	10.00	73.4	108	31.7	12.4	373	3.50	12.2	0.7	11.3	1.9	33.7	0.20	0.83	0.12	80	0.37
YR0700	Soil	2.13	53.04	10.62	85.6	121	40.2	17.3	426	3.64	12.6	0.8	4.9	1.7	29.2	0.18	0.90	0.17	83	0.34
YR0750	Soil	1.50	53.18	9.69	64.6	66	38.7	18.4	474	3.50	14.3	0.7	2.0	2.2	27.3	0.17	0.71	0.12	80	0.31
KA0650	Soil	1.23	69.15	19.05	97.4	91	45.6	24.6	1729	4.65	12.1	2.4	4.7	7.3	23.6	0.15	0.57	0.33	33	0.25
KA0700	Soil	1.07	75.94	12.99	74.9	82	55.1	23.9	984	4.15	12.7	1.8	6.0	8.9	19.8	0.12	0.54	0.30	54	0.21
KA0750	Soil	2.36	59.75	13.44	80.5	79	46.4	23.4	537	3.93	15.9	1.1	18.6	3.8	21.3	0.20	1.04	0.22	72	0.20
KA0800	Soil	1.18	137.1	18.39	104.8	101	58.5	33.1	874	4.61	12.9	5.0	6.0	10.0	18.3	0.10	0.49	0.39	38	0.19
KA0850	Soil	2.25	88.85	22.59	98.1	90	58.2	28.0	988	4.66	19.8	1.6	5.9	5.1	31.1	0.20	1.08	0.35	70	0.30



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 4 of 7

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
YQ0600	Soil	13.7	39.9	0.66	130.9	0.104	2	2.07	0.016	0.14	<0.1	3.9	0.15	0.04	21	0.4	0.03	6.7	1.67	<0.1
YQ0650	Soil	10.2	37.9	0.63	119.4	0.143	2	1.60	0.017	0.12	<0.1	3.7	0.11	<0.02	12	0.2	0.04	5.0	1.16	<0.1
YQ0700	Soil	17.7	43.8	0.60	218.8	0.087	2	2.16	0.020	0.10	<0.1	3.7	0.14	0.06	38	0.5	0.03	7.5	1.48	<0.1
YQ0750	Soil	14.3	51.4	0.88	182.0	0.166	1	2.51	0.014	0.16	<0.1	4.8	0.15	0.04	44	0.4	0.06	8.2	1.95	<0.1
YQ0800	Soil	15.5	47.2	0.88	264.6	0.145	1	2.49	0.014	0.20	0.1	4.6	0.16	0.04	22	0.2	0.12	7.5	2.05	<0.1
YQ0850	Soil	13.3	47.0	0.78	191.9	0.118	2	2.04	0.014	0.21	<0.1	4.1	0.14	0.04	22	<0.1	0.04	8.4	1.79	<0.1
YQ0900	Soil	14.1	45.3	0.85	282.5	0.148	2	2.26	0.020	0.20	<0.1	4.8	0.12	0.03	25	0.3	0.06	7.0	1.60	<0.1
YQ0950	Soil	14.3	48.0	0.90	251.8	0.167	2	2.17	0.013	0.21	0.1	4.7	0.13	0.03	29	0.2	0.04	7.2	1.82	<0.1
YQ1000	Soil	14.8	34.0	0.65	311.1	0.084	2	1.71	0.017	0.24	0.1	2.9	0.17	0.09	35	0.2	0.10	6.1	1.63	<0.1
YR0000	Soil	12.4	39.2	0.38	182.3	0.048	3	1.21	0.029	0.11	0.2	2.7	0.17	0.16	94	0.3	0.07	3.5	1.07	<0.1
YR0050	Soil	12.0	41.7	0.71	160.3	0.125	2	1.73	0.010	0.29	<0.1	3.3	0.26	0.05	23	0.2	0.06	7.3	2.59	<0.1
YR0100	Soil	12.0	40.1	0.72	134.9	0.124	<1	1.90	0.009	0.31	0.1	3.6	0.31	0.04	30	0.2	0.04	6.7	2.71	<0.1
YR0150	Soil	13.2	40.4	0.75	144.2	0.147	1	1.88	0.010	0.40	<0.1	3.6	0.31	0.02	25	0.3	0.07	6.8	2.99	<0.1
YR0200	Soil	11.2	43.8	0.80	168.5	0.151	1	2.11	0.010	0.35	<0.1	3.8	0.34	0.03	30	0.3	0.10	7.7	3.12	<0.1
YR0250	Soil	11.6	41.8	0.72	154.1	0.132	1	2.02	0.011	0.25	<0.1	4.0	0.26	0.04	35	0.5	0.10	7.0	2.65	<0.1
YR0300	Soil	5.6	15.3	0.28	73.4	0.079	<1	0.77	0.031	0.07	<0.1	1.5	0.06	0.05	26	0.2	<0.02	3.9	0.70	<0.1
YR0350	Soil	8.5	24.0	0.38	111.7	0.098	<1	1.24	0.024	0.10	<0.1	2.4	0.12	0.06	40	0.3	0.06	5.1	1.24	<0.1
YR0400	Soil	9.0	28.9	0.49	138.3	0.064	2	1.54	0.028	0.11	<0.1	2.4	0.14	0.07	34	0.4	0.04	5.4	1.45	<0.1
YR0450	Soil	9.7	30.8	0.50	121.5	0.098	1	1.51	0.019	0.13	<0.1	2.8	0.14	0.04	35	0.2	0.03	5.3	1.55	<0.1
YR0500	Soil	10.3	33.6	0.48	101.2	0.079	1	1.37	0.010	0.07	<0.1	2.7	0.13	0.05	38	0.4	0.11	6.9	1.50	<0.1
YR0550	Soil	10.6	36.8	0.54	107.2	0.117	2	1.48	0.011	0.11	<0.1	3.4	0.13	0.03	19	<0.1	0.06	7.0	1.43	<0.1
YR0600	Soil	11.4	39.8	0.72	152.2	0.121	1	1.94	0.015	0.16	<0.1	3.8	0.18	0.05	24	0.4	0.08	6.4	1.87	<0.1
YR0650	Soil	10.4	43.9	0.68	124.5	0.133	2	1.64	0.018	0.08	<0.1	4.1	0.09	0.04	36	0.3	0.04	7.2	1.20	<0.1
YR0700	Soil	11.8	41.0	0.67	129.0	0.126	2	2.06	0.013	0.13	<0.1	3.3	0.16	0.05	38	0.2	0.07	7.6	1.98	<0.1
YR0750	Soil	11.8	41.8	0.65	164.8	0.136	2	2.27	0.011	0.10	<0.1	4.3	0.12	0.03	37	0.3	0.05	7.4	1.50	<0.1
KA0650	Soil	28.3	24.7	0.57	75.8	0.027	<1	1.48	0.019	0.05	<0.1	4.4	0.05	0.05	22	0.3	0.05	4.6	2.12	<0.1
KA0700	Soil	27.9	40.5	0.75	77.0	0.075	1	2.07	0.009	0.05	<0.1	3.7	0.04	0.03	37	0.2	0.02	5.6	1.54	0.1
KA0750	Soil	19.2	39.0	0.71	83.6	0.089	<1	2.05	0.009	0.06	<0.1	3.4	0.08	0.04	27	0.5	0.04	6.9	1.35	<0.1
KA0800	Soil	71.7	31.9	0.84	46.5	0.024	<1	1.98	0.008	0.04	<0.1	3.2	0.04	0.06	37	0.3	0.06	6.5	1.49	0.1
KA0850	Soil	29.2	46.9	0.97	130.0	0.065	1	2.52	0.011	0.07	<0.1	4.3	0.10	0.05	45	0.5	0.06	8.0	2.04	<0.1



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 4 of 7

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
YQ0600	Soil	1.45	20.5	1.3	<0.05	2.5	5.63	27.8	0.03	<1	0.6	16.8	<10
YQ0650	Soil	1.09	16.5	0.6	<0.05	4.6	5.05	21.3	0.02	<1	0.3	14.4	<10
YQ0700	Soil	1.58	22.7	1.0	<0.05	2.4	8.30	34.2	0.03	<1	0.8	15.1	<10
YQ0750	Soil	1.42	22.0	1.8	<0.05	3.6	6.13	34.4	0.05	<1	0.5	22.3	<10
YQ0800	Soil	1.16	21.5	2.5	<0.05	3.9	5.74	36.3	0.03	<1	0.7	19.7	<10
YQ0850	Soil	1.24	21.3	1.7	<0.05	2.3	5.18	26.8	0.03	<1	0.5	18.3	<10
YQ0900	Soil	1.27	21.3	2.9	<0.05	3.6	6.13	30.4	0.03	<1	0.4	19.2	<10
YQ0950	Soil	0.95	21.6	1.0	<0.05	4.7	5.66	26.8	0.03	<1	0.6	19.0	<10
YQ1000	Soil	1.38	30.4	2.3	<0.05	2.1	4.46	30.1	0.04	<1	0.4	18.4	<10
YR0000	Soil	0.96	14.4	0.8	<0.05	1.6	8.28	27.7	0.04	<1	0.3	7.0	<10
YR0050	Soil	1.87	46.1	4.3	<0.05	1.9	3.84	24.1	0.02	<1	0.4	23.7	<10
YR0100	Soil	2.20	47.6	1.6	<0.05	2.3	4.21	24.3	0.02	<1	0.3	30.3	<10
YR0150	Soil	1.99	55.8	1.9	<0.05	2.2	4.59	26.0	0.02	<1	0.4	31.2	<10
YR0200	Soil	2.30	56.6	1.2	<0.05	2.6	3.94	22.1	0.02	<1	0.3	31.6	<10
YR0250	Soil	2.11	43.7	1.0	<0.05	3.0	4.43	23.3	0.03	<1	0.5	27.5	<10
YR0300	Soil	0.69	9.7	0.5	<0.05	1.8	2.59	11.3	<0.02	<1	0.1	6.2	<10
YR0350	Soil	1.04	16.6	0.7	<0.05	2.3	4.06	17.4	0.02	<1	0.3	11.2	<10
YR0400	Soil	1.15	18.1	0.5	<0.05	1.9	4.69	18.2	<0.02	<1	0.5	14.8	<10
YR0450	Soil	1.26	20.3	1.4	<0.05	1.9	4.20	20.3	<0.02	<1	0.2	16.7	<10
YR0500	Soil	1.33	11.8	0.8	<0.05	1.9	3.61	19.7	<0.02	<1	0.3	12.2	<10
YR0550	Soil	1.32	19.4	1.1	<0.05	2.0	3.71	21.3	<0.02	<1	0.3	12.8	<10
YR0600	Soil	1.70	27.2	1.0	<0.05	3.3	5.53	23.7	0.03	<1	0.4	19.7	<10
YR0650	Soil	1.54	13.2	1.4	<0.05	3.6	3.93	22.2	0.02	<1	0.3	15.5	<10
YR0700	Soil	1.80	22.7	1.3	<0.05	3.1	4.35	25.5	0.03	<1	0.6	22.7	<10
YR0750	Soil	1.52	15.2	1.1	<0.05	4.0	4.98	25.2	0.02	<1	0.5	18.4	<10
KA0650	Soil	0.34	6.5	1.8	<0.05	1.0	15.35	52.8	0.02	<1	0.9	27.0	<10
KA0700	Soil	0.61	5.9	0.8	<0.05	1.5	9.13	74.2	0.03	<1	0.6	30.3	<10
KA0750	Soil	1.13	8.2	0.9	<0.05	2.2	6.29	63.0	0.03	<1	0.5	21.9	<10
KA0800	Soil	0.26	4.9	1.5	<0.05	0.3	24.42	100.2	0.02	<1	0.7	38.4	<10
KA0850	Soil	0.76	10.3	0.9	<0.05	1.0	8.58	82.1	0.04	<1	1.0	33.0	<10





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 5 of 7

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
KA0900	Soil	0.32	45.19	22.29	96.8	194	62.6	31.8	280	5.46	2973	1.4	114.2	10.7	365.5	0.10	18.63	0.76	7	6.02
KA0950	Soil	0.97	36.34	14.10	77.2	174	40.9	18.6	492	3.29	525.1	1.1	168.1	1.6	384.4	0.21	5.03	0.28	27	4.45
KA1000	Soil	0.76	108.7	32.37	103.8	77	56.6	29.7	1942	5.22	4.5	1.8	7.8	31.1	7.2	0.05	0.10	0.52	22	0.05
KA1050	Soil	1.11	38.29	14.00	65.1	161	50.3	22.6	887	3.82	42.4	1.0	6.0	3.5	48.0	0.15	1.11	0.19	64	1.09
KA1100	Soil	1.09	40.48	10.36	63.9	291	46.8	18.8	587	2.85	38.3	1.1	459.9	1.9	104.1	0.25	2.30	0.15	40	3.15
KA1150	Soil	0.85	48.11	17.91	73.1	203	49.2	28.3	533	3.52	90.5	2.3	36.2	3.3	70.5	0.15	1.36	0.32	29	2.26
KB0000	Soil	1.38	83.55	14.10	124.4	126	87.8	52.1	801	6.18	52.8	1.7	12.1	9.8	59.3	0.13	0.69	0.29	56	0.35
KB0050	Soil	1.14	62.31	18.37	114.5	51	90.6	36.6	1353	5.69	19.0	2.4	3.0	10.0	20.1	0.12	1.51	0.25	42	0.13
KB0100	Soil	1.61	38.49	10.53	106.5	101	45.0	19.3	670	3.81	13.8	1.0	3.7	2.3	21.2	0.23	0.80	0.12	69	0.22
KB0150	Soil	0.86	88.16	17.78	87.8	57	47.5	26.8	1283	4.24	8.7	2.5	11.8	15.0	21.5	0.10	0.62	0.30	33	0.21
KB0200	Soil	1.54	77.77	18.03	97.8	72	49.6	26.3	1414	4.28	14.3	2.3	10.2	8.2	26.3	0.12	0.77	0.30	37	0.28
KB0250	Soil	1.13	107.3	20.28	96.8	84	55.2	29.4	1404	4.50	12.2	4.3	9.1	14.3	26.7	0.13	0.49	0.39	36	0.28
KB0300	Soil	1.20	100.7	22.40	131.1	124	82.8	47.9	796	7.03	81.0	2.8	52.8	26.6	20.9	0.09	1.40	0.44	34	0.15
KB0350	Soil	1.42	73.39	17.95	98.8	111	54.2	36.5	628	4.02	26.6	1.7	3.9	5.0	22.3	0.13	0.62	0.27	42	0.21
KB0400	Soil	1.91	52.92	16.60	94.4	91	50.5	26.8	642	4.10	20.5	1.5	8.8	4.6	22.2	0.18	0.71	0.27	47	0.23
KB0450	Soil	1.04	84.63	18.95	91.4	191	55.0	30.3	1687	4.67	12.5	2.7	252.9	12.0	16.4	0.10	0.36	0.51	32	0.19
KB0500	Soil	0.43	95.91	13.45	103.5	89	58.9	28.9	1398	4.68	2.4	1.8	13.7	19.0	8.1	0.05	0.26	0.32	26	0.09
KB0600	Soil	0.83	69.62	18.96	123.4	150	44.1	26.1	650	6.95	105.5	1.9	27.9	17.4	11.5	0.04	0.36	0.35	34	0.08
KB0650	Soil	0.93	87.86	23.45	110.0	231	85.2	45.1	1823	5.34	82.7	4.9	84.6	16.3	16.6	0.12	0.53	0.45	30	0.21
KB0700	Soil	0.40	63.28	31.18	97.9	53	51.4	30.6	1722	4.72	6.9	3.7	5.1	18.6	9.8	0.06	0.21	0.66	26	0.10
KB0750	Soil	1.36	139.1	42.25	129.5	211	119.6	67.2	1656	6.27	61.8	6.4	12.2	26.7	11.7	0.07	0.54	0.56	30	0.12
KB0800	Soil	0.88	88.40	25.91	92.6	396	59.1	33.1	1314	5.15	122.6	4.0	224.2	17.7	18.5	0.08	0.91	0.57	24	0.38
KB0850	Soil	0.45	68.86	14.49	108.7	127	67.4	33.9	598	5.51	129.5	2.1	16.8	15.8	52.0	0.03	2.72	0.41	21	0.64
KB0900	Soil	0.62	37.84	20.00	77.5	157	47.5	24.9	441	3.75	184.7	1.7	38.6	6.7	260.5	0.08	4.53	0.35	18	3.62
KB0950	Soil	0.54	44.80	20.42	85.2	169	47.9	31.1	639	4.49	180.9	1.5	60.6	16.3	242.0	0.07	1.88	0.41	25	3.95
KB1000	Soil	0.70	60.52	19.74	84.1	191	47.2	24.1	781	4.34	131.9	1.2	44.2	11.8	72.4	0.06	1.02	0.40	27	0.89
KC0000	Soil	1.12	52.32	41.23	77.2	110	74.3	32.5	1251	4.69	71.7	1.3	4.2	6.2	164.3	0.23	0.65	0.29	39	2.34
KC0050	Soil	0.31	41.08	10.59	86.2	48	69.0	31.2	716	4.17	95.9	0.9	8.5	9.5	50.3	0.05	0.31	0.15	32	0.89
KC0400	Soil	1.49	48.33	11.95	77.7	82	33.7	22.3	1078	3.52	16.6	1.1	8.6	2.0	19.3	0.07	0.54	0.22	43	0.21
KC0450	Soil	1.02	89.78	16.44	100.7	111	61.1	34.4	1167	4.84	33.2	2.5	12.8	13.8	14.8	0.09	0.54	0.30	30	0.21



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 5 of 7

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
KA0900	Soil	18.1	6.1	0.19	62.1	0.002	<1	0.29	0.007	0.06	0.2	4.8	0.05	0.30	36	0.3	0.06	0.8	1.75	<0.1
KA0950	Soil	20.7	19.4	0.38	67.8	0.022	3	0.93	0.018	0.06	0.2	2.8	0.06	0.16	34	0.6	0.06	2.5	0.95	<0.1
KA1000	Soil	64.8	38.4	1.26	32.9	0.002	<1	2.56	<0.001	0.04	<0.1	4.0	0.02	0.03	8	0.1	0.05	7.9	1.15	<0.1
KA1050	Soil	26.6	47.2	0.72	125.8	0.071	<1	2.09	0.017	0.06	0.1	5.4	0.08	0.04	60	0.5	0.02	5.8	1.03	<0.1
KA1100	Soil	21.9	29.4	0.68	89.6	0.045	3	1.24	0.022	0.07	9.8	3.0	0.07	0.09	55	0.4	0.04	3.5	0.96	<0.1
KA1150	Soil	30.2	21.6	0.73	75.8	0.033	2	1.16	0.015	0.07	0.1	3.1	0.08	0.10	46	0.6	0.05	3.5	2.12	<0.1
KB0000	Soil	48.1	42.4	1.24	118.6	0.109	<1	3.11	0.041	0.10	<0.1	4.8	0.10	0.08	18	0.4	0.04	9.0	2.69	<0.1
KB0050	Soil	44.4	39.8	0.96	46.6	0.020	<1	2.52	0.004	0.05	<0.1	3.7	0.04	0.04	22	0.2	0.03	7.4	1.83	<0.1
KB0100	Soil	17.4	47.3	0.86	75.9	0.089	2	2.31	0.008	0.06	<0.1	3.8	0.07	0.05	41	0.4	0.04	7.2	1.34	<0.1
KB0150	Soil	61.2	29.9	0.86	40.5	0.028	<1	1.77	0.009	0.04	<0.1	3.1	0.05	0.03	38	0.3	<0.02	5.8	1.41	<0.1
KB0200	Soil	48.1	34.0	0.87	53.0	0.032	1	1.85	0.013	0.05	<0.1	3.0	0.07	0.06	126	0.4	0.04	6.5	1.58	<0.1
KB0250	Soil	75.0	33.5	0.93	47.2	0.032	<1	1.91	0.010	0.05	<0.1	3.5	0.05	0.03	23	0.4	0.04	6.6	2.03	0.1
KB0300	Soil	53.7	40.8	1.06	18.0	0.024	<1	2.34	0.007	0.04	<0.1	3.9	0.03	0.07	28	0.5	0.03	7.5	1.32	0.2
KB0350	Soil	35.1	31.5	0.69	48.8	0.043	<1	1.63	0.016	0.05	<0.1	2.5	0.05	0.08	81	0.3	0.03	5.6	1.31	<0.1
KB0400	Soil	30.4	37.0	0.79	73.5	0.040	2	1.89	0.017	0.06	<0.1	3.0	0.09	0.07	72	0.2	0.06	5.8	1.30	<0.1
KB0450	Soil	44.6	31.3	0.86	41.6	0.020	1	1.88	0.011	0.04	<0.1	3.5	0.05	0.02	35	<0.1	0.02	5.6	1.55	<0.1
KB0500	Soil	25.8	25.7	0.63	43.1	0.007	<1	1.52	0.008	0.04	<0.1	3.9	0.03	<0.02	19	<0.1	0.02	4.2	3.44	<0.1
KB0600	Soil	20.5	46.4	1.30	20.1	0.021	<1	2.72	0.006	0.04	<0.1	3.6	0.04	0.05	18	<0.1	0.03	8.4	1.10	<0.1
KB0650	Soil	57.6	32.3	0.95	38.6	0.014	1	2.08	0.013	0.04	0.1	4.1	0.04	0.05	50	0.2	0.02	6.3	1.49	<0.1
KB0700	Soil	35.4	30.6	0.92	37.1	0.006	<1	2.03	0.007	0.03	<0.1	3.4	0.03	0.03	31	<0.1	0.02	6.1	2.65	<0.1
KB0750	Soil	48.8	42.0	1.13	31.2	0.007	<1	2.62	0.007	0.04	<0.1	4.7	0.03	0.04	32	<0.1	0.04	7.8	2.43	<0.1
KB0800	Soil	53.9	29.2	0.85	35.8	0.007	<1	1.84	0.008	0.04	<0.1	4.9	0.05	0.05	37	0.2	0.03	5.3	2.87	<0.1
KB0850	Soil	44.8	27.7	0.90	23.0	0.009	<1	1.86	0.007	0.04	<0.1	4.2	0.04	0.07	25	<0.1	<0.02	5.6	1.21	<0.1
KB0900	Soil	26.5	15.3	0.43	40.7	0.012	2	0.92	0.012	0.05	<0.1	3.4	0.06	0.11	35	0.2	<0.02	2.6	1.11	<0.1
KB0950	Soil	33.0	25.3	0.81	45.2	0.006	1	1.67	0.011	0.08	<0.1	4.5	0.04	0.08	13	0.2	<0.02	5.0	1.21	<0.1
KB1000	Soil	37.1	31.0	0.83	39.2	0.009	1	1.70	0.008	0.05	0.6	4.2	0.04	0.06	28	0.1	0.04	5.3	0.88	<0.1
KC0000	Soil	87.0	33.1	0.80	85.8	0.040	5	1.85	0.015	0.05	0.1	7.9	0.16	0.07	33	0.2	<0.02	4.8	2.31	<0.1
KC0050	Soil	52.0	44.8	1.26	54.2	0.054	1	2.60	0.008	0.24	<0.1	4.3	0.31	0.02	32	<0.1	<0.02	7.3	5.87	<0.1
KC0400	Soil	22.5	28.5	0.59	81.6	0.031	1	1.52	0.013	0.04	<0.1	2.1	0.07	0.06	49	0.2	0.05	5.3	1.17	<0.1
KC0450	Soil	61.0	32.6	0.99	41.3	0.017	<1	2.06	0.011	0.05	<0.1	3.4	0.05	0.03	35	0.1	0.03	6.1	1.23	<0.1



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 5 of 7

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
KA0900	Soil	0.08	4.4	1.8	<0.05	0.8	12.79	33.0	0.04	<1	0.4	1.7	<10
KA0950	Soil	0.49	6.3	0.9	<0.05	1.3	14.19	38.7	0.04	<1	0.5	6.7	<10
KA1000	Soil	0.04	4.2	1.5	<0.05	0.7	9.82	135.1	0.03	<1	0.5	53.3	<10
KA1050	Soil	1.00	7.1	0.7	<0.05	2.3	14.20	57.7	0.04	<1	0.6	17.2	<10
KA1100	Soil	0.81	8.6	1.3	<0.05	2.1	11.16	38.7	<0.02	<1	0.3	10.7	<10
KA1150	Soil	0.61	10.5	0.3	<0.05	1.7	13.52	55.0	0.03	<1	0.4	13.1	<10
KB0000	Soil	1.17	13.5	1.1	<0.05	1.4	19.10	194.3	0.03	<1	0.6	43.3	<10
KB0050	Soil	0.27	5.9	1.6	<0.05	0.9	15.17	131.8	0.03	<1	1.1	42.6	<10
KB0100	Soil	1.29	7.9	1.0	<0.05	2.5	5.55	48.8	0.04	<1	0.6	22.0	<10
KB0150	Soil	0.47	4.3	3.3	<0.05	0.6	16.84	119.8	0.02	<1	0.7	38.2	<10
KB0200	Soil	0.36	6.8	4.8	<0.05	0.4	11.81	108.7	0.03	<1	1.0	37.4	<10
KB0250	Soil	0.24	5.8	2.2	<0.05	0.7	25.36	147.3	0.03	<1	0.8	43.5	<10
KB0300	Soil	0.16	4.1	0.5	<0.05	1.3	22.27	122.5	0.03	<1	0.8	48.9	<10
KB0350	Soil	0.41	6.7	4.1	<0.05	0.6	11.77	100.2	0.03	<1	0.8	24.2	<10
KB0400	Soil	0.56	8.5	4.1	<0.05	0.8	11.32	77.3	0.04	<1	0.7	28.2	<10
KB0450	Soil	0.20	4.7	1.9	<0.05	0.5	15.34	110.5	0.03	<1	0.9	40.6	<10
KB0500	Soil	0.09	3.8	0.7	<0.05	0.6	9.80	53.7	0.04	<1	1.0	35.3	<10
KB0600	Soil	0.28	4.6	0.7	<0.05	0.3	7.81	43.4	0.03	<1	0.6	48.4	<10
KB0650	Soil	0.18	4.0	2.0	<0.05	0.6	24.82	114.0	0.03	<1	1.0	44.0	<10
KB0700	Soil	0.09	3.8	2.2	<0.05	0.4	5.50	77.8	0.03	<1	0.8	58.6	<10
KB0750	Soil	0.17	3.5	2.5	<0.05	0.5	18.59	190.5	0.03	<1	1.6	51.4	<10
KB0800	Soil	0.19	5.0	2.2	<0.05	0.6	17.72	103.8	0.03	<1	1.1	47.7	<10
KB0850	Soil	0.16	4.0	0.5	<0.05	0.9	16.91	81.4	0.03	<1	0.7	39.0	<10
KB0900	Soil	0.30	5.2	1.2	<0.05	1.0	10.99	49.8	0.02	<1	0.6	16.2	<10
KB0950	Soil	0.15	4.9	0.5	<0.05	0.8	9.99	61.5	0.02	<1	0.7	37.5	<10
KB1000	Soil	0.24	4.2	0.8	<0.05	0.7	13.23	69.3	<0.02	<1	0.8	37.1	<10
KC0000	Soil	0.82	9.3	0.7	<0.05	1.6	47.34	185.6	0.06	<1	0.9	25.5	<10
KC0050	Soil	2.33	39.2	1.2	<0.05	1.0	32.81	96.6	0.02	<1	1.4	45.5	<10
KC0400	Soil	0.41	6.4	0.6	<0.05	0.6	7.28	59.7	<0.02	<1	0.6	22.5	<10
KC0450	Soil	0.22	5.2	1.3	<0.05	0.6	20.74	125.0	0.03	<1	1.0	42.4	<10



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 6 of 7

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
KC0500	Soil	0.94	70.77	15.27	96.2	107	53.4	28.9	1157	4.69	11.1	2.7	8.2	13.2	15.8	0.07	0.35	0.35	33	0.22
KC0550	Soil	0.51	74.14	19.54	119.8	134	82.9	48.3	1089	6.18	10.5	8.9	7.4	22.2	11.9	0.01	0.66	0.46	29	0.12
KC0600	Soil	0.74	85.41	14.12	70.7	132	53.3	30.9	989	5.61	23.3	1.2	5.6	6.3	9.9	0.03	2.00	0.85	20	0.13
KC0650	Soil	0.75	75.99	16.66	96.3	105	51.7	28.0	1369	4.42	15.1	2.3	10.7	10.2	15.6	0.07	0.26	0.32	33	0.20
KC0700	Soil	1.09	84.03	23.22	98.0	143	61.8	35.5	1530	4.98	17.1	3.0	10.3	9.6	12.3	0.07	0.42	0.45	33	0.15
KC0750	Soil	1.41	107.0	18.63	77.9	136	50.3	29.5	1239	3.80	18.8	2.0	22.3	6.1	33.1	0.11	0.42	0.36	30	0.63
KC0800	Soil	0.96	39.09	12.75	63.6	144	39.7	20.7	657	3.17	294.0	1.1	17.6	1.4	427.9	0.17	3.35	0.27	22	6.17
KC0850	Soil	0.48	72.54	11.07	61.2	84	38.1	19.5	511	2.63	50.6	2.7	8.6	4.4	70.8	0.06	0.84	0.23	18	1.16
KC0900	Soil	0.55	49.86	20.63	93.0	227	54.3	28.0	515	4.42	342.4	1.5	84.6	9.8	123.6	0.09	3.30	0.43	19	1.48
KC0950	Soil	0.85	49.28	18.50	75.8	127	43.2	22.2	878	3.75	30.1	1.4	19.6	13.6	53.4	0.07	0.35	0.28	21	1.62
KD0000	Soil	1.93	41.80	10.67	97.3	63	42.8	19.3	587	4.45	19.6	0.9	3.5	3.1	23.6	0.15	0.83	0.24	72	0.25
KD0050	Soil	0.93	46.20	8.68	81.0	38	42.3	18.3	716	3.61	12.8	0.7	8.1	4.2	16.7	0.20	0.48	0.15	65	0.24
KD0250	Soil	1.27	90.28	14.66	97.4	124	81.5	39.1	859	4.61	116.0	2.4	31.1	8.2	20.0	0.06	0.70	0.27	34	0.18
KD0300	Soil	1.17	54.89	17.82	92.0	59	76.8	36.9	916	4.33	21.6	2.0	3.4	6.8	20.5	0.13	0.64	0.27	46	0.24
KD0350	Soil	1.51	58.99	16.09	105.6	148	53.0	34.7	897	4.02	25.9	1.5	7.2	2.5	50.1	0.17	0.95	0.22	40	1.03
KD0400	Soil	0.89	48.48	11.17	87.3	25	51.3	23.4	1003	4.20	9.4	1.7	3.0	6.5	10.6	0.09	0.38	0.25	41	0.13
KD0450	Soil	2.05	37.27	14.33	81.7	39	44.6	21.0	705	4.09	16.9	0.8	4.3	3.6	17.9	0.10	0.73	0.21	66	0.19
KD0500	Soil	1.30	73.20	16.12	84.5	63	44.1	23.4	952	3.75	8.5	2.3	3.9	8.8	17.1	0.05	0.42	0.24	38	0.22
KD0550	Soil	0.40	89.03	23.76	127.4	110	146.8	52.1	1261	6.52	33.8	4.4	7.2	26.0	9.7	0.04	0.26	0.34	26	0.08
KD0600	Soil	0.81	74.50	16.74	106.2	104	64.0	33.7	1084	5.57	33.3	2.1	6.0	18.7	16.3	0.03	0.25	0.36	29	0.15
KD0650	Soil	1.39	88.68	18.60	100.0	136	64.2	42.6	1493	4.61	18.5	2.5	11.2	6.8	32.5	0.17	0.67	0.42	48	0.29
KD0700	Soil	1.03	75.35	26.87	95.1	212	45.0	31.3	2455	5.54	30.0	2.8	94.5	14.2	18.7	0.08	0.42	0.70	34	0.19
KD0750	Soil	1.16	92.14	19.42	73.6	146	37.6	24.1	923	4.27	10.7	4.0	5.9	7.4	26.0	0.07	0.42	0.55	38	0.26
KD0800	Soil	0.42	40.75	49.77	281.6	1675	50.5	29.5	301	5.04	3640	1.5	2445	6.9	500.0	0.57	12.47	0.66	9	6.60
KD0850	Soil	0.47	63.14	28.74	117.7	360	67.9	41.3	1354	5.24	270.3	1.7	120.0	25.7	57.5	0.17	1.72	0.51	22	0.66
KD0900	Soil	0.46	59.77	57.99	165.7	272	47.1	25.5	754	4.37	309.1	1.1	90.0	15.1	113.7	0.13	6.93	0.46	17	1.26
KD0950	Soil	0.85	42.10	49.79	95.7	295	46.3	23.1	706	3.81	125.1	1.7	57.0	11.0	120.4	0.19	1.99	0.55	18	3.85
KD1000	Soil	0.23	72.27	19.25	78.0	339	38.1	20.5	750	3.52	96.4	4.6	170.2	24.7	49.0	0.09	0.40	0.40	18	0.96
KD1050	Soil	0.60	42.45	15.32	82.8	160	32.2	19.6	805	3.33	25.1	1.6	49.5	7.5	77.6	0.15	0.58	0.31	30	1.89
KG0750	Soil	0.80	59.41	83.10	236.6	229	55.7	30.0	417	4.45	414.3	1.7	24.3	4.5	234.0	0.31	19.02	0.58	21	2.93





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 6 of 7

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
KC0500	Soil	45.5	33.9	0.96	38.9	0.019	1	1.93	0.012	0.04	<0.1	3.7	0.04	0.04	44	0.2	0.04	5.8	1.58	<0.1
KC0550	Soil	45.8	37.2	1.10	25.6	0.004	<1	2.37	0.006	0.04	<0.1	4.2	0.04	0.03	17	0.1	<0.02	7.3	2.35	<0.1
KC0600	Soil	25.4	15.3	0.20	37.9	0.004	<1	0.77	0.014	0.03	<0.1	4.0	0.04	0.04	23	0.2	0.07	2.1	5.10	<0.1
KC0650	Soil	40.9	34.7	0.91	42.9	0.011	<1	1.95	0.008	0.04	<0.1	3.2	0.04	0.03	29	<0.1	<0.02	6.3	1.71	<0.1
KC0700	Soil	29.5	32.3	0.80	41.0	0.014	<1	1.95	0.007	0.04	<0.1	3.4	0.04	0.05	42	0.2	0.03	6.0	1.60	<0.1
KC0750	Soil	29.5	28.5	0.73	67.6	0.018	1	1.75	0.014	0.04	<0.1	3.0	0.05	0.07	84	0.3	0.05	5.1	1.70	<0.1
KC0800	Soil	21.6	16.2	0.38	71.2	0.015	3	0.90	0.015	0.05	<0.1	2.3	0.07	0.14	49	0.3	<0.02	2.3	0.93	<0.1
KC0850	Soil	33.9	17.0	0.48	60.8	0.014	2	1.24	0.024	0.04	<0.1	2.5	0.06	0.07	26	0.3	<0.02	3.5	1.00	<0.1
KC0900	Soil	34.0	19.5	0.58	39.9	0.007	1	1.28	0.008	0.05	0.1	3.9	0.05	0.10	22	0.2	<0.02	3.7	1.10	<0.1
KC0950	Soil	39.6	21.9	0.64	61.4	0.011	2	1.69	0.008	0.04	0.1	3.8	0.04	0.04	38	0.1	0.04	4.6	1.24	<0.1
KD0000	Soil	19.4	45.5	0.79	84.2	0.069	2	2.06	0.015	0.06	<0.1	3.7	0.10	0.06	14	0.2	0.05	6.9	1.69	<0.1
KD0050	Soil	17.9	41.2	0.82	67.4	0.083	1	1.70	0.010	0.04	<0.1	3.3	0.07	<0.02	19	0.2	0.06	6.2	1.16	<0.1
KD0250	Soil	58.4	33.3	0.83	49.9	0.018	<1	2.10	0.011	0.05	<0.1	3.4	0.06	0.04	36	<0.1	0.03	6.0	2.39	<0.1
KD0300	Soil	29.8	36.2	0.77	66.8	0.050	1	1.86	0.013	0.05	<0.1	3.6	0.09	0.04	30	0.1	0.04	5.6	2.15	<0.1
KD0350	Soil	34.7	32.3	0.63	89.1	0.032	2	1.89	0.016	0.05	0.2	3.7	0.11	0.10	67	0.4	0.03	5.5	1.47	<0.1
KD0400	Soil	23.2	35.7	0.77	57.1	0.039	<1	2.10	0.007	0.06	<0.1	3.3	0.05	<0.02	20	0.1	0.04	5.7	1.87	<0.1
KD0450	Soil	19.7	41.2	0.81	88.3	0.076	2	2.01	0.012	0.07	<0.1	3.6	0.10	0.03	23	0.2	0.06	7.3	1.41	<0.1
KD0500	Soil	31.6	30.9	0.78	60.6	0.028	<1	1.69	0.012	0.04	<0.1	3.0	0.06	0.03	29	<0.1	0.02	5.3	2.18	<0.1
KD0550	Soil	35.0	44.5	1.27	21.7	0.006	<1	2.94	0.004	0.05	<0.1	3.6	0.04	0.03	17	<0.1	<0.02	7.4	1.46	<0.1
KD0600	Soil	47.9	37.3	1.10	33.5	0.010	<1	2.48	0.006	0.04	<0.1	3.4	0.05	0.03	15	0.2	0.06	7.5	1.28	<0.1
KD0650	Soil	38.1	36.1	0.91	78.0	0.039	1	2.44	0.012	0.06	<0.1	3.9	0.07	0.06	45	0.4	0.03	7.2	1.32	<0.1
KD0700	Soil	33.9	32.6	0.83	41.8	0.007	<1	1.99	0.008	0.03	<0.1	3.7	0.04	0.06	50	0.3	0.07	6.5	1.60	<0.1
KD0750	Soil	38.7	28.8	0.71	44.9	0.016	<1	1.83	0.010	0.03	0.1	3.2	0.04	0.04	30	0.3	<0.02	6.0	1.87	<0.1
KD0800	Soil	10.8	6.9	0.18	30.4	0.004	<1	0.35	0.007	0.05	0.3	3.2	0.05	0.33	30	0.6	0.05	1.0	0.89	<0.1
KD0850	Soil	27.7	27.8	0.88	66.8	0.003	<1	1.90	0.006	0.07	0.4	4.5	0.04	0.16	21	0.2	0.06	6.0	1.30	<0.1
KD0900	Soil	28.8	18.9	0.58	35.3	0.004	<1	1.23	0.008	0.04	0.1	3.6	0.02	0.08	15	0.4	0.04	3.7	1.01	<0.1
KD0950	Soil	26.2	16.8	0.60	49.5	0.005	<1	1.14	0.007	0.06	0.2	3.3	0.04	0.05	42	0.1	0.03	3.4	1.00	<0.1
KD1000	Soil	55.3	18.8	0.89	35.9	0.006	<1	1.41	0.007	0.03	0.2	2.9	<0.02	0.05	8	0.4	0.05	4.5	1.19	<0.1
KD1050	Soil	35.9	24.5	0.79	85.6	0.028	<1	1.45	0.026	0.04	0.2	3.2	0.04	0.07	40	0.3	0.04	4.5	0.75	<0.1
KG0750	Soil	18.8	13.2	0.37	50.8	0.012	2	0.85	0.015	0.05	0.1	3.1	0.05	0.35	37	0.7	0.08	2.2	0.82	<0.1



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 6 of 7

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
KC0500	Soil	0.21	4.7	0.7	<0.05	0.5	15.96	83.6	0.02	<1	0.6	41.4	<10
KC0550	Soil	0.06	3.9	0.8	<0.05	0.7	13.16	93.6	0.02	<1	1.0	55.9	<10
KC0600	Soil	0.16	4.6	3.0	<0.05	0.2	12.72	48.6	0.05	<1	0.5	10.6	<10
KC0650	Soil	0.18	4.4	1.0	<0.05	0.4	13.66	86.0	0.03	<1	0.9	41.4	<10
KC0700	Soil	0.20	4.3	1.0	<0.05	0.3	10.90	65.2	0.03	<1	1.0	38.3	<10
KC0750	Soil	0.40	5.0	0.8	<0.05	0.4	10.83	73.7	0.02	<1	1.0	33.5	<10
KC0800	Soil	0.40	6.5	0.4	<0.05	0.9	12.94	41.6	0.03	<1	0.5	9.5	<10
KC0850	Soil	0.48	5.0	0.2	<0.05	1.3	15.81	53.5	<0.02	<1	0.6	19.8	<10
KC0900	Soil	0.26	5.1	0.5	<0.05	1.2	14.17	63.1	0.03	<1	0.8	22.5	<10
KC0950	Soil	0.24	5.4	2.0	<0.05	1.3	10.43	74.4	0.02	<1	0.8	30.6	<10
KD0000	Soil	0.87	11.7	0.9	<0.05	1.2	6.33	56.9	0.03	<1	0.7	21.3	<10
KD0050	Soil	0.74	5.6	0.5	<0.05	1.5	6.15	65.7	0.03	<1	0.5	24.8	<10
KD0250	Soil	0.32	7.2	0.7	<0.05	0.4	19.49	140.9	<0.02	<1	1.2	37.2	<10
KD0300	Soil	0.53	9.5	0.4	<0.05	1.0	12.63	140.8	0.03	<1	0.8	27.1	<10
KD0350	Soil	0.90	9.7	0.8	<0.05	1.1	19.43	99.6	0.03	<1	0.8	25.1	<10
KD0400	Soil	0.54	6.4	0.8	<0.05	0.6	6.71	59.5	0.03	<1	0.9	29.7	<10
KD0450	Soil	0.96	9.3	0.7	<0.05	1.6	5.46	50.4	0.03	<1	0.5	26.4	<10
KD0500	Soil	0.32	6.0	1.1	<0.05	0.4	8.56	84.6	<0.02	<1	0.8	32.9	<10
KD0550	Soil	0.09	3.8	0.2	<0.05	0.4	13.56	242.9	0.03	<1	0.8	57.0	<10
KD0600	Soil	0.20	5.1	0.6	<0.05	0.6	13.44	118.2	0.03	<1	0.8	45.9	<10
KD0650	Soil	0.53	7.5	0.7	<0.05	1.1	15.90	115.7	0.03	1	1.3	39.5	<10
KD0700	Soil	0.20	3.4	1.0	<0.05	0.6	8.93	76.9	0.03	<1	0.7	47.7	<10
KD0750	Soil	0.35	4.1	1.1	<0.05	0.3	13.66	69.4	0.03	<1	0.8	34.8	<10
KD0800	Soil	0.13	3.7	0.9	<0.05	1.2	10.14	21.2	0.03	1	0.4	4.3	<10
KD0850	Soil	0.15	6.1	1.0	<0.05	0.9	9.12	56.3	0.02	<1	1.3	42.9	<10
KD0900	Soil	0.15	3.6	0.6	<0.05	1.0	10.29	57.6	0.03	<1	0.4	28.5	<10
KD0950	Soil	0.15	4.0	0.8	<0.05	0.9	9.70	51.4	0.05	<1	0.7	19.9	<10
KD1000	Soil	0.14	2.9	0.6	<0.05	0.9	15.65	108.8	0.02	<1	0.9	32.5	<10
KD1050	Soil	0.85	5.5	1.1	<0.05	2.0	12.75	72.0	<0.02	1	0.7	20.0	<10
KG0750	Soil	0.31	5.2	0.6	<0.05	1.5	10.98	35.6	0.03	2	0.8	10.3	<10



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 7 of 7

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
KG0800	Soil	0.51	54.52	104.7	227.9	277	44.4	21.8	388	4.04	921.4	1.7	73.9	6.1	236.1	0.38	16.56	0.50	15	2.82
KG0850	Soil	0.65	43.62	42.47	106.3	258	59.4	32.0	678	4.87	440.8	1.8	55.2	13.3	362.8	0.12	5.52	0.60	15	4.08
KG0900	Soil	1.17	30.26	15.80	61.9	145	35.9	16.3	598	3.10	46.8	1.0	2.7	1.2	70.8	0.23	2.05	0.21	40	1.67
KG0950	Soil	0.86	38.23	13.87	68.4	156	36.8	17.5	737	3.23	27.6	1.0	5.8	1.8	76.4	0.21	0.92	0.17	40	2.13
KY0650	Soil	1.24	65.88	13.64	96.9	113	45.4	23.1	1060	4.40	9.6	2.3	8.7	8.8	18.1	0.09	0.43	0.31	32	0.22
KY0700	Soil	1.03	71.57	14.21	103.8	138	51.8	22.5	624	4.61	12.6	3.2	4.4	7.6	18.8	0.06	0.35	0.32	34	0.21
KY0750	Soil	1.43	57.33	11.37	94.8	116	36.5	22.3	1099	3.51	13.2	1.8	3.6	2.7	33.7	0.28	0.64	0.25	39	0.43
KY0800	Soil	1.15	80.69	16.13	100.1	159	59.8	32.0	974	4.57	51.4	3.7	20.4	7.9	22.6	0.11	0.45	0.44	38	0.24
KY0850	Soil	0.89	64.67	15.14	109.7	108	57.8	29.1	1000	5.21	35.6	3.0	17.2	15.4	11.9	0.06	0.30	0.39	33	0.12
KY0900	Soil	0.77	50.04	11.08	100.6	60	50.3	26.5	904	4.73	23.1	2.4	12.8	16.1	14.0	0.05	0.21	0.35	28	0.12
KZ0650	Soil	1.51	89.52	25.03	113.5	139	73.6	38.6	1594	5.69	46.6	3.5	16.3	13.9	22.5	0.14	0.66	0.53	36	0.20
KZ0700	Soil	1.35	64.48	14.03	76.0	107	41.4	23.2	969	3.95	15.2	1.7	2.0	3.6	26.3	0.10	0.56	0.27	48	0.27
KZ0750	Soil	1.34	65.43	14.02	65.5	92	30.9	18.8	699	3.47	9.2	1.8	3.4	5.5	21.7	0.05	0.42	0.32	41	0.19
KZ0850	Soil	0.81	55.51	11.74	48.9	138	28.4	14.6	658	2.54	98.9	1.7	20.1	2.1	205.6	0.13	1.66	0.28	23	2.37
KZ0900	Soil	0.99	40.10	16.51	67.0	156	42.5	22.1	606	3.96	132.0	1.7	29.2	8.4	344.7	0.13	3.58	0.38	28	4.89
KZ0950	Soil	0.34	38.54	220.4	284.5	2746	48.2	25.3	190	4.53	894.8	1.8	5761	16.0	591.5	2.81	4.71	1.09	8	6.49
KZ1000	Soil	0.88	57.52	29.00	97.5	210	55.4	36.8	1152	4.92	226.9	1.3	101.8	10.5	185.9	0.19	1.88	0.70	24	2.04
KZ1050	Soil	0.84	50.98	13.38	86.7	87	46.8	22.5	858	4.29	21.4	1.4	15.2	14.4	24.2	0.05	0.25	0.30	40	0.35



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 7 of 7

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method	Analyte	Unit	MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
					La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te
					ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
					0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02
KG0800	Soil				20.7	9.6	0.31	60.0	0.010	<1	0.78	0.016	0.05	0.1	2.6	0.04	0.16	34	0.6	0.03
KG0850	Soil				18.5	14.5	0.48	40.7	0.003	<1	1.06	0.010	0.06	<0.1	3.4	0.03	0.19	22	0.2	0.07
KG0900	Soil				24.1	26.6	0.45	76.1	0.032	<1	1.29	0.016	0.05	<0.1	3.2	0.06	0.10	65	0.3	0.04
KG0950	Soil				23.1	25.7	0.67	77.4	0.041	2	1.32	0.019	0.06	<0.1	3.5	0.06	0.09	57	0.3	0.03
KY0650	Soil				43.1	28.1	0.85	49.8	0.017	<1	1.80	0.011	0.04	<0.1	3.3	0.03	0.04	29	0.3	0.03
KY0700	Soil				78.9	34.1	0.98	46.2	0.015	<1	2.17	0.010	0.04	<0.1	3.4	0.03	0.05	51	0.2	0.06
KY0750	Soil				38.2	28.7	0.72	85.4	0.032	<1	1.65	0.018	0.05	<0.1	2.6	0.07	0.09	110	0.3	0.05
KY0800	Soil				47.5	31.2	0.84	58.0	0.024	<1	1.99	0.012	0.04	<0.1	3.3	0.04	0.04	46	0.1	0.04
KY0850	Soil				45.2	37.0	1.12	42.7	0.013	<1	2.33	0.006	0.04	<0.1	4.0	0.02	0.03	31	0.2	0.03
KY0900	Soil				37.9	31.9	1.03	26.0	0.010	<1	2.02	0.005	0.03	<0.1	3.5	<0.02	<0.02	12	<0.1	0.03
KZ0650	Soil				44.5	37.5	0.97	47.1	0.017	<1	2.32	0.008	0.05	<0.1	4.1	0.05	0.05	35	0.1	0.07
KZ0700	Soil				29.9	31.4	0.71	96.3	0.048	2	1.86	0.013	0.05	<0.1	2.7	<0.02	0.06	26	0.4	<0.02
KZ0750	Soil				36.4	26.3	0.61	63.6	0.036	<1	1.61	0.011	0.03	<0.1	2.4	0.05	0.03	34	<0.1	0.05
KZ0850	Soil				29.5	16.9	0.33	76.4	0.024	1	1.06	0.020	0.04	<0.1	2.6	0.06	0.14	53	0.4	0.04
KZ0900	Soil				42.3	21.0	0.50	52.1	0.022	<1	1.26	0.011	0.05	<0.1	3.9	0.05	0.08	79	0.4	0.05
KZ0950	Soil				16.7	5.8	0.21	29.5	0.001	<1	0.44	0.005	0.07	0.7	4.3	0.04	0.32	37	0.3	0.10
KZ1000	Soil				27.0	23.1	0.63	58.7	0.005	<1	1.52	0.008	0.05	0.1	4.7	0.04	0.15	36	0.4	0.07
KZ1050	Soil				43.9	35.8	0.96	88.4	0.023	<1	2.03	0.009	0.05	<0.1	3.7	0.05	0.02	7	<0.1	0.02





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Soils 2012  
Report Date: July 26, 2012

Page: 7 of 7

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
KG0800	Soil	0.28	4.1	0.9	<0.05	1.7	10.09	40.8	0.03	<1	0.6	12.1	<10	<2
KG0850	Soil	0.13	3.9	1.1	<0.05	1.2	9.00	37.2	0.02	<1	0.8	19.2	<10	<2
KG0900	Soil	0.76	6.9	0.5	<0.05	1.8	12.66	49.1	0.03	<1	0.4	9.0	<10	<2
KG0950	Soil	0.73	7.1	0.3	<0.05	2.4	14.64	43.4	0.02	<1	0.5	12.5	<10	<2
KY0650	Soil	0.21	4.1	1.2	<0.05	0.4	12.45	85.0	0.03	<1	0.6	36.1	<10	2
KY0700	Soil	0.32	5.1	0.5	<0.05	0.6	20.13	96.8	0.03	<1	0.7	41.6	<10	<2
KY0750	Soil	0.54	6.3	0.6	<0.05	1.0	12.16	74.7	0.03	<1	0.6	23.3	<10	<2
KY0800	Soil	0.29	4.9	0.4	<0.05	0.4	14.50	100.8	0.03	<1	0.9	32.9	<10	<2
KY0850	Soil	0.19	3.9	0.9	<0.05	0.4	10.72	97.8	0.03	<1	0.7	45.1	<10	<2
KY0900	Soil	0.10	2.4	0.4	<0.05	0.4	8.29	80.3	<0.02	<1	0.5	41.3	<10	<2
KZ0650	Soil	0.29	5.2	0.9	<0.05	0.4	13.52	97.2	0.04	<1	0.8	37.9	<10	<2
KZ0700	Soil	0.59	7.6	0.8	<0.05	1.1	8.21	73.1	<0.02	<1	0.6	30.9	<10	<2
KZ0750	Soil	0.50	4.4	1.7	<0.05	0.8	8.09	70.5	<0.02	1	0.4	27.1	<10	<2
KZ0850	Soil	0.64	5.8	0.3	<0.05	2.1	14.13	49.7	<0.02	2	0.5	10.0	<10	<2
KZ0900	Soil	0.38	5.4	2.8	<0.05	1.5	15.40	74.4	0.03	<1	0.4	16.6	<10	<2
KZ0950	Soil	0.06	3.9	1.0	<0.05	1.5	13.22	33.3	0.04	<1	0.8	7.2	<10	<2
KZ1000	Soil	0.21	4.8	2.5	<0.05	0.9	15.54	52.2	0.04	<1	1.1	28.9	<10	<2
KZ1050	Soil	0.33	7.9	0.8	<0.05	1.0	6.94	93.2	0.02	<1	0.5	40.6	<10	<2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

18526 Yukon Inc.

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Soils 2012

Report Date:

July 26, 2012

Page:

1 of 2

Part:

1 of 3

## QUALITY CONTROL REPORT

WHI12000308.1

Method Analyte Unit MDL		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
YP0050	Soil	1.34	27.41	6.43	63.2	118	19.9	8.0	337	1.95	9.4	0.4	3.6	1.0	19.8	0.24	0.52	0.14	49	0.26	0.039
REP YP0050	QC	1.28	27.69	6.19	62.5	112	19.6	7.9	337	1.98	9.3	0.4	3.1	0.9	19.6	0.23	0.52	0.15	52	0.25	0.040
YP0150	Soil	1.51	44.78	6.60	61.6	198	23.9	11.3	552	2.34	7.2	0.7	4.3	0.6	22.1	0.11	0.40	0.14	51	0.28	0.062
REP YP0150	QC	1.46	43.96	6.39	59.0	191	23.6	11.0	529	2.24	7.0	0.6	4.6	0.6	21.5	0.09	0.38	0.12	51	0.27	0.063
YQ0850	Soil	2.52	70.31	14.49	101.3	271	40.9	18.3	694	4.25	17.0	0.9	3.1	2.0	35.4	0.25	1.03	0.14	87	0.42	0.064
REP YQ0850	QC	2.48	70.77	14.66	102.9	261	40.6	18.4	706	4.30	16.8	0.9	6.1	2.0	36.4	0.23	1.03	0.15	87	0.42	0.064
YQ0950	Soil	1.44	135.5	14.58	85.1	190	58.7	20.4	936	4.20	16.3	0.9	10.5	3.3	28.3	0.10	0.97	0.10	95	0.35	0.038
REP YQ0950	QC	1.39	138.0	14.86	85.8	201	58.1	20.6	932	4.21	16.6	1.0	10.8	3.7	29.4	0.11	1.11	0.05	96	0.37	0.039
KB0100	Soil	1.61	38.49	10.53	106.5	101	45.0	19.3	670	3.81	13.8	1.0	3.7	2.3	21.2	0.23	0.80	0.12	69	0.22	0.049
REP KB0100	QC	1.71	39.30	10.70	107.5	103	46.4	20.6	702	4.00	14.3	1.0	2.4	2.3	22.5	0.25	0.81	0.13	72	0.24	0.050
KB0250	Soil	1.13	107.3	20.28	96.8	84	55.2	29.4	1404	4.50	12.2	4.3	9.1	14.3	26.7	0.13	0.49	0.39	36	0.28	0.058
REP KB0250	QC	1.05	104.8	20.39	95.1	89	54.8	30.0	1401	4.45	11.9	4.3	62.2	13.8	26.1	0.12	0.48	0.37	35	0.27	0.058
KD0500	Soil	1.30	73.20	16.12	84.5	63	44.1	23.4	952	3.75	8.5	2.3	3.9	8.8	17.1	0.05	0.42	0.24	38	0.22	0.053
REP KD0500	QC	1.30	76.42	17.23	89.7	71	46.3	23.7	990	3.89	8.6	2.4	2.9	9.7	17.6	0.03	0.44	0.21	40	0.21	0.058
KD0600	Soil	0.81	74.50	16.74	106.2	104	64.0	33.7	1084	5.57	33.3	2.1	6.0	18.7	16.3	0.03	0.25	0.36	29	0.15	0.061
REP KD0600	QC	0.77	68.75	15.08	104.0	98	60.6	32.5	1081	5.46	31.5	2.0	8.6	17.3	15.8	0.03	0.23	0.36	28	0.14	0.061
KZ1050	Soil	0.84	50.98	13.38	86.7	87	46.8	22.5	858	4.29	21.4	1.4	15.2	14.4	24.2	0.05	0.25	0.30	40	0.35	0.048
REP KZ1050	QC	0.90	50.29	13.29	85.2	91	48.2	22.9	876	4.38	21.4	1.4	31.3	14.8	29.1	0.05	0.29	0.31	41	0.37	0.048
Reference Materials																					
STD DS9	Standard	14.17	101.0	128.9	311.6	1980	43.1	7.5	614	2.42	24.6	2.6	128.5	6.0	76.4	2.23	5.23	5.98	44	0.76	0.090
STD DS9	Standard	13.04	112.7	119.0	286.6	1791	40.1	7.6	566	2.19	25.3	2.8	120.2	6.9	75.2	2.36	5.89	6.21	39	0.71	0.082
STD DS9	Standard	13.46	113.1	119.0	285.8	1766	40.2	7.8	573	2.17	24.9	2.9	107.2	7.0	75.8	2.30	5.90	6.51	38	0.71	0.080
STD DS9	Standard	13.89	103.6	121.1	299.5	1925	43.0	7.8	599	2.30	25.4	2.6	119.7	6.2	67.3	2.34	4.95	5.88	39	0.75	0.083
STD DS9	Standard	12.03	105.2	121.5	312.0	1846	37.4	7.2	569	2.24	25.7	2.8	123.5	6.7	72.9	2.32	5.13	6.85	38	0.71	0.086
STD DS9 Expected		12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank	<0.01	0.13	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	3	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.03	0.02	0.1	2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

18526 Yukon Inc.

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Soils 2012

Report Date:

July 26, 2012

Page:

1 of 2

Part:

2 of 3

## QUALITY CONTROL REPORT

WHI12000308.1

Method Analyte Unit MDL		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
YP0050	Soil	6.7	21.5	0.39	88.3	0.079	1	0.99	0.026	0.14	<0.1	2.1	0.14	0.03	24	0.2	0.05	5.3	1.20	<0.1	0.03
REP YP0050	QC	7.0	21.9	0.39	86.2	0.088	2	0.99	0.026	0.14	0.1	2.0	0.14	0.03	28	0.2	0.07	5.3	1.30	<0.1	0.02
YP0150	Soil	7.4	25.9	0.48	103.8	0.068	1	1.49	0.025	0.12	0.1	2.6	0.17	0.05	45	0.3	0.06	5.8	1.34	<0.1	0.03
REP YP0150	QC	7.9	26.0	0.47	101.9	0.077	2	1.47	0.026	0.12	<0.1	2.5	0.17	0.05	40	0.3	0.04	5.8	1.48	<0.1	0.03
YQ0850	Soil	13.3	47.0	0.78	191.9	0.118	2	2.04	0.014	0.21	<0.1	4.1	0.14	0.04	22	<0.1	0.04	8.4	1.79	<0.1	0.03
REP YQ0850	QC	13.8	48.3	0.78	194.8	0.122	2	2.05	0.015	0.21	<0.1	4.1	0.15	0.04	20	0.3	0.06	8.6	1.87	<0.1	0.03
YQ0950	Soil	14.3	48.0	0.90	251.8	0.167	2	2.17	0.013	0.21	0.1	4.7	0.13	0.03	29	0.2	0.04	7.2	1.82	<0.1	0.08
REP YQ0950	QC	16.3	48.5	0.89	250.1	0.198	2	2.15	0.014	0.21	0.2	5.0	0.13	0.03	11	0.2	0.13	7.1	1.93	<0.1	0.10
KB0100	Soil	17.4	47.3	0.86	75.9	0.089	2	2.31	0.008	0.06	<0.1	3.8	0.07	0.05	41	0.4	0.04	7.2	1.34	<0.1	0.05
REP KB0100	QC	18.2	50.9	0.91	79.4	0.095	2	2.40	0.009	0.07	<0.1	3.9	0.07	0.06	37	0.4	0.04	7.5	1.40	<0.1	0.05
KB0250	Soil	75.0	33.5	0.93	47.2	0.032	<1	1.91	0.010	0.05	<0.1	3.5	0.05	0.03	23	0.4	0.04	6.6	2.03	0.1	<0.02
REP KB0250	QC	73.8	33.1	0.92	46.5	0.031	<1	1.90	0.009	0.05	<0.1	3.6	0.04	0.03	29	0.3	<0.02	6.6	2.01	<0.1	<0.02
KD0500	Soil	31.6	30.9	0.78	60.6	0.028	<1	1.69	0.012	0.04	<0.1	3.0	0.06	0.03	29	<0.1	0.02	5.3	2.18	<0.1	<0.02
REP KD0500	QC	33.1	30.9	0.79	60.9	0.032	1	1.72	0.012	0.05	<0.1	3.0	0.06	0.04	34	0.1	<0.02	5.5	2.47	<0.1	<0.02
KD0600	Soil	47.9	37.3	1.10	33.5	0.010	<1	2.48	0.006	0.04	<0.1	3.4	0.05	0.03	15	0.2	0.06	7.5	1.28	<0.1	0.02
REP KD0600	QC	45.0	36.1	1.10	31.4	0.010	<1	2.43	0.006	0.04	<0.1	3.4	0.04	0.03	15	0.1	0.03	7.5	1.26	<0.1	<0.02
KZ1050	Soil	43.9	35.8	0.96	88.4	0.023	<1	2.03	0.009	0.05	<0.1	3.7	0.05	0.02	7	<0.1	0.02	6.7	1.54	<0.1	0.02
REP KZ1050	QC	46.5	35.3	0.99	92.4	0.025	1	2.07	0.009	0.06	<0.1	3.8	0.04	0.02	9	0.3	0.04	6.7	1.65	<0.1	<0.02
Reference Materials																					
STD DS9	Standard	14.2	126.2	0.64	310.5	0.118	3	1.02	0.097	0.41	3.2	2.8	5.89	0.16	236	5.8	5.58	5.0	2.33	<0.1	0.10
STD DS9	Standard	16.1	116.2	0.57	298.6	0.126	4	0.91	0.083	0.38	2.9	2.6	5.11	0.16	211	5.5	4.56	4.5	2.36	<0.1	0.09
STD DS9	Standard	16.2	115.1	0.58	304.0	0.127	2	0.91	0.082	0.37	3.0	2.6	5.49	0.16	208	5.1	5.07	4.5	2.43	0.1	0.10
STD DS9	Standard	14.8	119.7	0.61	294.9	0.115	3	1.04	0.113	0.42	3.1	2.8	5.77	0.15	229	5.6	5.49	4.9	2.46	<0.1	0.11
STD DS9	Standard	13.9	112.1	0.61	287.0	0.111	2	0.97	0.095	0.40	2.8	2.5	5.36	0.16	210	5.7	4.61	4.7	2.31	<0.1	0.07
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1	0.08
BLK	Blank	<0.5	0.6	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

18526 Yukon Inc.

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Soils 2012

Report Date:

July 26, 2012

Page:

1 of 2

Part:

3 of 3

## QUALITY CONTROL REPORT

WHI12000308.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
YP0050	Soil	1.46	25.8	1.3	<0.05	1.9	2.81	14.5	<0.02	<1	0.2	10.9	<10	<2
REP YP0050	QC	1.30	27.2	1.1	<0.05	1.5	2.80	15.1	<0.02	<1	0.2	10.6	<10	<2
YP0150	Soil	1.44	20.2	0.7	<0.05	1.8	4.12	16.6	<0.02	<1	0.4	14.9	<10	<2
REP YP0150	QC	1.24	20.7	0.6	<0.05	1.5	4.03	17.6	<0.02	<1	0.3	13.8	<10	<2
YQ0850	Soil	1.24	21.3	1.7	<0.05	2.3	5.18	26.8	0.03	<1	0.5	18.3	<10	2
REP YQ0850	QC	1.28	21.6	1.6	<0.05	2.4	5.39	27.7	0.04	<1	0.4	19.3	<10	<2
YQ0950	Soil	0.95	21.6	1.0	<0.05	4.7	5.66	26.8	0.03	<1	0.6	19.0	<10	<2
REP YQ0950	QC	1.41	20.9	1.0	<0.05	4.7	6.21	29.9	0.03	<1	0.6	19.5	<10	<2
KB0100	Soil	1.29	7.9	1.0	<0.05	2.5	5.55	48.8	0.04	<1	0.6	22.0	<10	<2
REP KB0100	QC	1.29	8.0	1.0	<0.05	2.4	5.80	50.7	0.03	<1	0.7	22.5	<10	<2
KB0250	Soil	0.24	5.8	2.2	<0.05	0.7	25.36	147.3	0.03	<1	0.8	43.5	<10	<2
REP KB0250	QC	0.21	5.7	2.5	<0.05	0.5	24.42	146.1	0.02	<1	0.9	41.6	<10	<2
KD0500	Soil	0.32	6.0	1.1	<0.05	0.4	8.56	84.6	<0.02	<1	0.8	32.9	<10	<2
REP KD0500	QC	0.33	6.5	1.0	<0.05	0.3	9.11	88.8	0.04	<1	0.6	34.4	<10	<2
KD0600	Soil	0.20	5.1	0.6	<0.05	0.6	13.44	118.2	0.03	<1	0.8	45.9	<10	<2
REP KD0600	QC	0.19	4.8	0.5	<0.05	0.5	12.65	115.0	<0.02	<1	0.7	45.2	<10	<2
KZ1050	Soil	0.33	7.9	0.8	<0.05	1.0	6.94	93.2	0.02	<1	0.5	40.6	<10	<2
REP KZ1050	QC	0.42	8.1	1.2	<0.05	1.0	7.12	96.1	0.02	<1	0.8	40.9	<10	<2
Reference Materials														
STD DS9	Standard	1.68	34.0	5.8	<0.05	2.2	6.67	28.0	2.07	60	6.0	29.2	159	383
STD DS9	Standard	1.54	32.6	7.1	<0.05	2.2	6.29	29.4	2.38	60	6.1	24.2	117	349
STD DS9	Standard	1.46	34.0	6.7	<0.05	2.3	6.54	29.2	2.31	52	5.8	25.4	108	340
STD DS9	Standard	1.59	35.5	5.5	<0.05	2.5	6.55	27.1	2.05	63	5.9	25.7	126	360
STD DS9	Standard	1.32	33.8	6.2	<0.05	2.2	5.80	26.2	2.19	58	6.2	25.9	133	355
STD DS9 Expected		1.33	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

**Client:** 18526 Yukon Inc.  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

**Project:** Tosh Soils 2012  
**Report Date:** July 26, 2012

**Page:** 2 of 2

**Part:** 1 of 3

## QUALITY CONTROL REPORT

WHI12000308.1

		1F30 Mo ppm 0.01	1F30 Cu ppm 0.01	1F30 Pb ppm 0.01	1F30 Zn ppm 0.1	1F30 Ag ppb 2	1F30 Ni ppm 0.1	1F30 Co ppm 0.1	1F30 Mn ppm 1	1F30 Fe % 0.01	1F30 As ppm 0.1	1F30 U ppm 0.1	1F30 Au ppb 0.2	1F30 Th ppm 0.1	1F30 Sr ppm 0.5	1F30 Cd ppm 0.01	1F30 Sb ppm 0.02	1F30 Bi ppm 0.02	1F30 V ppm 2	1F30 Ca % 0.01	1F30 P % 0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	0.2	<0.1	2	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	0.01	<0.1	4	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

[www.acmelab.com](http://www.acmelab.com)

Client:

**18526 Yukon Inc.**

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Soils 2012

Report Date:

July 26, 2012

Page:

2 of 2

Part:

2 of 3

## QUALITY CONTROL REPORT

WHI12000308.1

		1F30 La ppm 0.5	1F30 Cr ppm 0.5	1F30 Mg % 0.01	1F30 Ba ppm 0.5	1F30 Ti % 0.001	1F30 B ppm 1	1F30 Al % 0.01	1F30 Na % 0.001	1F30 K % 0.01	1F30 W ppm 0.1	1F30 Sc ppm 0.1	1F30 Ti ppm 0.02	1F30 S % 0.02	1F30 Hg ppb 5	1F30 Se ppm 0.1	1F30 Te ppm 0.02	1F30 Ga ppm 0.1	1F30 Cs ppm 0.02	1F30 Ge ppm 0.1	1F30 Hf ppm 0.02
BLK	Blank	<0.5	0.6	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

[www.acmelab.com](http://www.acmelab.com)

Client:

**18526 Yukon Inc.**

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Soils 2012

Report Date:

July 26, 2012

Page:

2 of 2

Part:

3 of 3

## QUALITY CONTROL REPORT

WHI12000308.1

		1F30 Nb ppm 0.02	1F30 Rb ppm 0.1	1F30 Sn ppm 0.1	1F30 Ta ppm 0.05	1F30 Zr ppm 0.1	1F30 Y ppm 0.01	1F30 Ce ppm 0.1	1F30 In ppm 0.02	1F30 Re ppb 1	1F30 Be ppm 0.1	1F30 Li ppm 0.1	1F30 Pd ppb 10	1F30 Pt ppb 2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

**Client:** 18526 Yukon Inc.  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Submitted By: Ron Berdahl  
Receiving Lab: Canada-Whitehorse  
Received: July 13, 2012  
Report Date: July 21, 2012  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI12000301.1

### CLIENT JOB INFORMATION

Project: Tosh Rocks 2012  
Shipment ID:  
P.O. Number  
Number of Samples: 1

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: 18526 Yukon Inc.  
P.O. Box 11250  
Whitehorse YT Y1A 6N4  
Canada

CC: Scott Berdahl

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	1	Dry at 60C			WHI
SS80	1	Dry at 60C sieve 100g to -80 mesh			WHI
1F06	1	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.  
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.  
\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

**Client:** 18526 Yukon Inc.  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

**Project:** Tosh Rocks 2012  
**Report Date:** July 21, 2012

**Page:** 2 of 2

**Part:** 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000301.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YS01	Soil	1.69	46.67	43.27	255.8	1089	49.9	15.5	450	3.07	124.2	1.0	40.9	3.4	45.2	1.35	6.50	0.19	49	0.61





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

**Client:** 18526 Yukon Inc.  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

**Project:** Tosh Rocks 2012  
**Report Date:** July 21, 2012

**Page:** 2 of 2

**Part:** 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000301.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
YS01	Soil	14.3	30.2	0.65	202.9	0.058	2	1.07	0.015	0.09	<0.1	3.2	0.08	0.07	29	1.3	0.07	3.7	1.35	<0.1



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

**Client:** 18526 Yukon Inc.  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

**Project:** Tosh Rocks 2012  
**Report Date:** July 21, 2012

**Page:** 2 of 2

**Part:** 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000301.1

	Method	Analyte	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	
			Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
			MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
YS01	Soil		0.80	11.4	1.6	<0.05	1.6	6.43	27.3	0.04	1	0.4	11.6	<10	<2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

[www.acmelab.com](http://www.acmelab.com)

Client:

**18526 Yukon Inc.**

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Rocks 2012

Report Date:

July 21, 2012

Page:

1 of 1

Part:

1 of 3

## QUALITY CONTROL REPORT

WHI12000301.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Reference Materials																					
STD DS9	Standard	12.90	113.0	122.8	312.8	1846	41.8	8.0	581	2.27	25.8	2.8	118.4	6.4	72.6	2.50	5.11	6.98	38	0.68	0.085
STD DS9 Expected		12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank	<0.01	0.04	0.06	0.2	8	0.2	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

[www.acmelab.com](http://www.acmelab.com)

Client:

**18526 Yukon Inc.**

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Rocks 2012

Report Date:

July 21, 2012

Page:

1 of 1

Part:

2 of 3

## QUALITY CONTROL REPORT

WHI12000301.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Reference Materials																					
STD DS9	Standard	13.2	113.4	0.59	290.4	0.113	2	0.91	0.081	0.38	2.9	2.3	5.36	0.16	211	5.3	4.89	4.4	2.43	<0.1	0.10
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

[www.acmelab.com](http://www.acmelab.com)

Client:

**18526 Yukon Inc.**

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Rocks 2012

Report Date:

July 21, 2012

Page:

1 of 1

Part:

3 of 3

## QUALITY CONTROL REPORT

WHI12000301.1

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
Reference Materials														
STD DS9	Standard		1.19	33.6	6.7	<0.05	2.0	5.80	24.5	2.25	54	6.1	27.0	105
STD DS9 Expected			1.33	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120
BLK	Blank		<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10





1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

**Client:** 18526 Yukon Inc.  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Submitted By: Ron Berdahl  
Receiving Lab: Canada-Whitehorse  
Received: July 11, 2012  
Report Date: July 30, 2012  
Page: 1 of 4

## CERTIFICATE OF ANALYSIS

WHI12000300.1

### CLIENT JOB INFORMATION

Project: Tosh Rocks 2012  
Shipment ID:  
P.O. Number  
Number of Samples: 86

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: 18526 Yukon Inc.  
P.O. Box 11250  
Whitehorse YT Y1A 6N4  
Canada

CC: Scott Berdahl

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	86	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
1F06	86	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
G6Gr	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Rocks 2012  
Report Date: July 30, 2012

Page: 2 of 4

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000300.1

	Method Analyte Unit MDL	WGHT	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YRO1A	Rock	0.92	0.85	45.93	2.25	88.2	183	20.9	34.3	612	5.20	0.8	0.1	1.3	0.5	69.3	0.19	0.16	0.07	237	3.10
YRO1B	Rock	0.44	0.64	10.15	0.33	18.6	41	7.7	5.2	288	1.54	0.9	0.1	1.2	<0.1	48.8	0.09	0.23	0.03	54	1.60
KK-SS-01	Rock	0.63	0.20	17.53	8.59	53.1	81	27.5	11.4	411	3.07	3385	1.1	25.1	9.4	443.3	0.02	6.08	0.20	5	8.25
TR01	Rock	0.55	0.10	104.9	0.68	29.9	121	49.7	16.8	319	2.23	13.0	<0.1	5.9	0.4	59.4	0.06	0.12	<0.02	71	2.13
TR02	Rock	0.56	0.06	6.98	0.67	2.5	23	5.3	2.0	34	0.38	2.3	<0.1	0.6	0.3	<0.5	0.01	0.03	0.09	<2	0.01
OC1	Rock	1.23	0.81	26.50	10.40	93.6	18	59.0	25.3	859	4.94	5.0	1.2	0.9	11.4	24.9	0.04	0.07	0.16	28	0.62
KR01	Rock	1.39	0.55	18.39	7.15	16.2	33	9.7	4.2	256	1.17	2.4	0.4	0.7	1.9	214.1	0.02	0.26	0.08	3	5.09
KR02	Rock	0.61	0.37	48.62	7.83	70.3	74	34.9	11.5	582	3.75	8.2	0.4	1.5	7.5	8.0	0.01	0.09	0.42	19	0.11
KR03	Rock	1.29	0.50	54.44	8.39	41.8	67	32.6	20.5	447	2.79	9.0	0.3	1.1	5.7	33.3	0.01	0.06	0.37	11	0.60
KR04	Rock	0.73	3.59	91.39	32.89	111.2	277	52.0	37.8	1270	5.60	2.0	0.6	5.9	15.6	11.8	0.02	0.04	2.44	24	0.11
KR05	Rock	0.50	0.19	79.69	10.88	109.0	147	50.7	25.6	953	5.96	12.1	1.8	2.0	18.5	5.8	0.02	0.06	0.50	19	0.09
KR06	Rock	1.04	0.24	23.99	4.57	23.2	51	12.3	4.3	161	1.31	1.1	0.9	1.2	3.5	8.8	<0.01	0.08	0.33	5	0.04
KR07	Rock	0.30	2.62	802.9	4.11	105.6	55	54.8	37.4	1061	4.51	0.1	2.4	2.4	11.0	30.8	0.05	<0.02	0.35	25	0.18
KR08	Rock	1.20	0.21	17.01	6.67	33.8	21	21.1	10.5	397	2.15	1.0	0.8	<0.2	4.3	1161	0.02	0.09	0.04	23	19.00
KR09	Rock	0.57	1.12	10.67	11.24	10.3	22	10.1	5.6	337	1.26	0.7	0.8	0.5	4.4	1452	0.01	0.02	<0.02	<2	26.37
KR10	Rock	0.49	0.12	16.49	7.11	31.6	30	24.3	12.0	473	2.34	3.1	1.3	0.8	5.2	627.2	0.02	0.12	0.11	5	15.10
KR11	Rock	0.44	0.18	19.44	5.24	61.8	34	32.7	13.8	314	2.98	0.2	1.1	<0.2	6.9	480.9	0.03	0.09	0.08	10	5.41
KR12	Rock	1.11	0.16	9.59	1.24	9.5	19	5.0	1.9	95	0.83	7.0	0.2	0.2	0.5	174.9	0.01	0.46	<0.02	<2	1.87
KR13	Rock	0.33	0.61	1.61	6.10	12.4	29	1.7	2.0	493	2.54	567.6	0.2	141.6	1.9	2612	<0.01	1.33	0.11	3	15.33
KR14	Rock	0.65	0.70	10.46	2.25	86.0	52	16.3	22.4	1127	5.61	3.3	0.1	3.4	1.2	303.8	0.19	0.10	<0.02	131	3.61
KR15	Rock	0.44	0.07	2.13	7.68	6.0	30	2.3	1.5	407	1.00	141.0	0.2	51.4	0.4	2557	0.03	0.97	<0.02	<2	26.90
KR16	Rock	0.52	0.65	37.88	2.24	129.6	81	31.2	39.4	632	8.78	64.7	1.0	7.7	0.8	435.8	0.04	2.20	0.11	68	5.68
KR17	Rock	0.36	0.07	4.93	8.91	26.2	230	7.9	4.1	551	1.39	481.6	0.7	724.7	2.3	2176	0.08	1.64	<0.02	<2	30.16
KR18	Rock	0.62	0.05	4.01	6.91	7.8	19	4.6	3.2	266	1.02	15.3	0.9	9.1	3.5	2708	<0.01	0.52	<0.02	<2	31.38
KR19	Rock	0.55	0.85	39.39	22.01	84.9	728	46.5	20.4	355	5.08	259.0	1.1	34.2	7.4	218.7	0.05	3.63	0.61	4	3.35
KR20	Rock	0.38	0.50	8.13	9.47	31.8	58	16.3	9.0	447	2.06	32.3	0.9	12.0	10.2	421.1	0.04	0.53	0.06	5	9.53
KR21	Rock	0.63	0.51	16.92	7.57	55.8	29	28.6	14.8	558	3.56	5.3	2.0	1.0	14.4	411.9	0.01	0.49	0.04	5	9.73
KR22	Rock	0.34	0.31	12.72	6.82	24.2	47	12.2	6.0	250	2.10	1181	0.7	3.5	5.4	895.7	0.02	4.37	0.05	2	10.58
KR23	Rock	0.43	0.10	10.23	14.84	9.2	117	10.1	4.5	235	1.26	34.8	0.6	1.2	7.7	2098	0.08	1.36	<0.02	<2	23.51
KR24	Rock	0.82	0.31	13.67	25.25	61.8	137	39.4	105.3	249	11.66	81.8	0.2	8.1	0.6	242.2	0.09	3.45	0.20	13	3.42



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Rocks 2012  
Report Date: July 30, 2012

Page: 2 of 4

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000300.1

		Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	
			P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
			%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
			0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
YRO1A	Rock		0.119	3.3	7.4	2.31	418.5	0.242	1	3.29	0.156	1.29	0.1	16.1	0.07	0.38	6	0.6	<0.02	11.2	1.36	0.1
YRO1B	Rock		0.015	0.6	7.0	0.30	157.6	0.022	1	0.36	0.025	0.07	<0.1	2.0	<0.02	<0.02	<5	<0.1	<0.02	1.5	0.15	<0.1
KK-SS-01	Rock		0.028	12.3	6.7	0.63	29.3	<0.001	3	0.48	0.021	0.31	0.2	4.1	0.13	0.53	20	<0.1	0.04	1.3	1.15	<0.1
TR01	Rock		0.141	3.2	147.6	0.96	216.4	0.099	2	0.96	0.164	0.06	<0.1	6.6	<0.02	0.02	<5	<0.1	<0.02	3.8	0.18	0.1
TR02	Rock		0.002	1.2	2.1	0.03	3.9	0.002	<1	0.07	0.002	0.01	<0.1	0.2	<0.02	<0.02	<5	<0.1	<0.02	0.3	0.06	<0.1
OC1	Rock		0.035	40.0	43.4	1.17	23.3	0.008	<1	2.52	0.039	0.09	<0.1	4.2	0.04	0.19	8	<0.1	0.03	8.8	0.35	<0.1
KR01	Rock		0.033	7.5	6.4	0.37	9.7	0.002	2	0.46	0.020	0.07	<0.1	1.4	0.04	<0.02	<5	<0.1	0.03	1.5	0.91	<0.1
KR02	Rock		0.025	28.8	26.6	0.82	31.5	0.004	<1	1.69	0.033	0.11	<0.1	3.0	0.03	0.05	<5	<0.1	<0.02	5.9	0.46	<0.1
KR03	Rock		0.020	9.9	18.0	0.58	18.4	0.002	<1	0.98	0.026	0.07	<0.1	2.1	0.02	0.35	<5	<0.1	<0.02	3.2	0.25	<0.1
KR04	Rock		0.032	41.3	40.8	1.29	26.5	0.004	<1	2.36	0.052	0.12	<0.1	4.5	0.03	0.77	<5	0.1	0.26	8.4	0.32	<0.1
KR05	Rock		0.044	35.4	30.7	1.06	55.1	0.005	<1	2.48	0.013	0.16	<0.1	3.5	0.06	0.10	<5	<0.1	0.03	7.8	0.50	0.1
KR06	Rock		0.024	11.6	8.1	0.24	3.5	0.002	<1	0.53	0.016	0.02	<0.1	1.1	<0.02	0.05	<5	<0.1	<0.02	1.6	0.09	<0.1
KR07	Rock		0.044	54.9	37.7	1.50	68.0	0.006	<1	2.99	0.075	0.33	<0.1	4.0	0.08	0.10	<5	<0.1	0.04	9.6	0.55	<0.1
KR08	Rock		0.037	11.8	19.7	0.75	18.8	0.046	<1	0.87	0.008	0.23	<0.1	2.8	0.09	<0.02	6	0.3	0.06	2.5	1.48	<0.1
KR09	Rock		0.037	13.2	2.7	0.26	11.9	0.002	<1	0.20	0.020	0.10	<0.1	2.9	0.02	<0.02	5	0.1	0.09	0.7	0.19	<0.1
KR10	Rock		0.028	15.9	7.3	0.50	18.9	0.039	<1	0.74	0.014	0.21	<0.1	2.8	0.05	0.03	<5	0.3	0.07	1.9	0.53	<0.1
KR11	Rock		0.023	19.8	14.3	0.80	40.3	0.085	<1	1.25	0.015	0.35	<0.1	2.1	0.11	<0.02	5	0.1	<0.02	3.3	1.05	<0.1
KR12	Rock		0.001	1.9	3.2	0.02	6.0	<0.001	2	0.05	0.005	0.03	<0.1	0.5	<0.02	<0.02	<5	<0.1	0.03	0.2	0.09	<0.1
KR13	Rock		0.020	18.7	1.4	0.43	14.3	<0.001	3	0.13	0.008	0.08	<0.1	2.4	0.03	<0.02	<5	0.2	0.18	0.3	0.24	<0.1
KR14	Rock		0.187	16.1	74.2	2.53	545.7	0.093	3	4.68	0.468	0.23	<0.1	12.0	<0.02	<0.02	<5	<0.1	<0.02	11.8	0.78	<0.1
KR15	Rock		0.002	3.9	1.4	0.30	3.9	<0.001	1	0.02	0.008	0.01	<0.1	6.8	<0.02	<0.02	<5	<0.1	0.10	0.1	0.08	<0.1
KR16	Rock		0.119	4.8	11.5	2.50	17.0	0.002	3	1.30	0.032	0.25	0.1	12.5	0.11	0.87	<5	0.2	0.02	3.7	1.21	<0.1
KR17	Rock		0.028	6.9	1.6	0.25	11.5	<0.001	2	0.14	0.013	0.08	<0.1	3.4	0.04	0.06	<5	0.1	0.14	0.3	0.24	<0.1
KR18	Rock		0.024	10.5	1.2	0.26	11.3	<0.001	1	0.10	0.009	0.06	<0.1	2.7	<0.02	<0.02	<5	<0.1	0.19	0.3	0.15	<0.1
KR19	Rock		0.074	6.1	4.7	0.59	39.0	0.001	3	0.41	0.021	0.29	0.2	3.0	0.08	1.77	19	0.3	0.04	1.1	0.76	<0.1
KR20	Rock		0.024	32.5	8.4	0.76	33.4	0.001	2	0.59	0.061	0.27	<0.1	2.7	0.08	0.07	6	<0.1	0.05	1.4	0.54	<0.1
KR21	Rock		0.026	33.4	7.6	0.96	31.6	0.002	2	0.65	0.048	0.25	<0.1	2.8	0.06	0.13	<5	<0.1	0.03	1.8	0.38	0.1
KR22	Rock		0.010	7.2	4.2	0.16	24.5	<0.001	2	0.27	0.013	0.19	<0.1	3.0	0.06	0.20	6	<0.1	0.05	0.8	0.32	<0.1
KR23	Rock		0.027	12.9	1.8	0.31	18.2	<0.001	<1	0.18	0.011	0.13	<0.1	2.8	0.03	<0.02	<5	<0.1	0.12	0.5	0.18	<0.1
KR24	Rock		0.028	1.1	3.2	0.55	9.8	<0.001	2	0.18	0.024	0.10	0.2	3.3	0.04	9.49	9	0.9	0.04	0.7	0.50	<0.1



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Rocks 2012  
Report Date: July 30, 2012

Page: 2 of 4

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000300.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	G6Gr
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Ag
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	gm/t
		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	50
YR01A	Rock	<0.02	0.37	31.3	2.2	<0.05	0.3	7.59	7.0	0.03	<1	0.4	30.9	<10	<2	
YR01B	Rock	<0.02	0.16	2.4	0.1	<0.05	0.1	1.32	1.2	<0.02	<1	<0.1	5.1	<10	<2	
KK-SS-01	Rock	<0.02	0.03	16.1	0.2	<0.05	0.8	11.33	25.5	0.04	1	0.3	2.8	<10	<2	
TR01	Rock	0.04	0.10	2.2	0.3	<0.05	0.7	5.55	7.3	<0.02	<1	0.2	5.6	<10	<2	
TR02	Rock	<0.02	0.03	1.6	<0.1	<0.05	<0.1	0.45	2.5	<0.02	<1	<0.1	1.3	<10	<2	
OC1	Rock	0.04	0.06	4.5	<0.1	<0.05	1.1	16.32	99.2	<0.02	2	0.7	60.1	<10	<2	
KR01	Rock	<0.02	0.04	4.8	0.8	<0.05	0.5	4.13	14.1	<0.02	<1	0.5	4.9	<10	<2	
KR02	Rock	<0.02	0.07	5.7	0.2	<0.05	0.2	5.05	57.4	<0.02	<1	0.2	26.4	<10	<2	
KR03	Rock	<0.02	0.03	4.0	0.2	<0.05	0.1	3.39	18.6	<0.02	<1	0.2	19.7	<10	<2	
KR04	Rock	<0.02	0.03	5.9	0.2	<0.05	0.4	4.55	89.1	0.04	3	0.4	61.9	<10	<2	
KR05	Rock	<0.02	0.08	9.0	0.1	<0.05	0.3	7.28	70.8	0.03	<1	0.4	29.1	<10	<2	
KR06	Rock	<0.02	0.03	0.9	<0.1	<0.05	<0.1	2.47	18.5	<0.02	<1	0.1	9.7	<10	<2	
KR07	Rock	0.02	0.10	15.3	0.3	<0.05	0.5	16.33	108.9	<0.02	3	1.2	57.3	<10	<2	
KR08	Rock	0.03	0.57	17.1	0.1	<0.05	1.1	6.93	22.3	<0.02	<1	0.2	18.4	<10	<2	
KR09	Rock	<0.02	0.06	5.0	<0.1	<0.05	0.8	11.85	25.4	<0.02	<1	0.3	2.0	<10	<2	
KR10	Rock	0.05	0.38	10.8	1.2	<0.05	2.2	8.00	27.9	<0.02	<1	0.2	10.9	<10	<2	
KR11	Rock	0.07	0.40	19.5	0.3	<0.05	2.3	5.97	37.0	<0.02	<1	0.7	21.3	<10	<2	
KR12	Rock	<0.02	<0.02	1.6	<0.1	<0.05	0.1	1.54	3.6	<0.02	1	<0.1	0.3	<10	<2	
KR13	Rock	0.03	0.03	4.8	<0.1	<0.05	0.4	11.06	38.2	0.03	<1	0.1	0.4	<10	<2	
KR14	Rock	0.15	0.04	6.2	0.2	<0.05	5.1	12.09	36.7	0.05	<1	0.3	31.4	<10	<2	
KR15	Rock	<0.02	0.03	0.7	<0.1	<0.05	0.1	15.39	8.7	<0.02	<1	<0.1	0.4	<10	<2	
KR16	Rock	<0.02	0.02	15.7	<0.1	<0.05	0.3	11.61	10.8	0.05	1	0.7	24.9	<10	<2	
KR17	Rock	<0.02	0.04	4.7	<0.1	<0.05	0.5	14.36	13.2	0.02	<1	0.1	1.1	<10	<2	
KR18	Rock	<0.02	0.04	3.2	<0.1	<0.05	0.5	12.16	21.0	<0.02	<1	0.2	0.7	<10	<2	
KR19	Rock	<0.02	0.09	12.7	1.2	<0.05	1.2	7.83	12.5	0.03	<1	0.5	1.9	<10	<2	
KR20	Rock	0.03	0.05	13.8	0.1	<0.05	1.2	16.26	62.0	<0.02	<1	0.5	4.2	<10	<2	
KR21	Rock	0.06	0.09	10.8	0.1	<0.05	2.7	13.60	62.6	0.02	<1	0.4	8.9	<10	<2	
KR22	Rock	<0.02	0.04	8.8	0.2	<0.05	1.0	10.08	14.1	0.02	<1	0.3	1.7	<10	<2	
KR23	Rock	0.05	0.03	6.0	<0.1	<0.05	3.2	15.72	27.4	<0.02	<1	0.1	1.3	<10	<2	
KR24	Rock	<0.02	0.03	6.8	0.1	<0.05	0.8	5.06	2.7	<0.02	2	0.3	1.0	<10	<2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Rocks 2012  
Report Date: July 30, 2012

Page: 3 of 4

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000300.1

	Method Analyte Unit MDL	WGHT	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
KR29	Rock	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YR30	Rock	0.82	0.02	1.68	4.16	11.9	75	0.2	1.3	135	0.34	18.9	0.2	14.0	0.7	2749	<0.01	0.86	<0.02	<2	33.89
YR31	Rock	1.15	3.07	20.32	133.4	7.0	18453	2.2	0.8	70	0.82	66.6	0.3	95.4	0.7	<0.5	0.18	5.64	1.93	4	0.13
YR32	Rock	1.07	0.57	24.75	12.38	66.8	262	51.7	14.0	693	3.31	69.9	1.3	5.0	10.8	147.8	0.14	2.36	0.15	6	2.57
YR33	Rock	0.57	0.14	70.14	7.93	102.9	98	80.7	39.7	707	7.27	18.1	0.7	4.2	1.5	180.2	0.10	1.08	0.17	177	3.71
YR34	Rock	1.09	1.62	33.10	8.61	56.9	339	91.5	14.0	365	1.47	95.2	0.7	2.9	3.8	387.1	0.19	90.13	0.11	21	11.13
YR35	Rock	1.71	1.83	39.41	10.76	55.0	299	44.2	15.0	803	3.54	61.9	1.0	4.0	5.7	160.5	0.23	13.84	0.21	15	4.85
YR36	Rock	1.31	0.74	40.40	32.10	81.1	5138	97.4	23.6	796	4.02	4099	0.8	1435	9.8	221.4	0.76	22.83	0.28	8	3.55
YR37	Rock	1.89	1.25	40.86	85.87	146.6	9841	71.5	19.4	844	3.84	2540	0.9	549.7	8.5	203.1	2.64	33.61	0.76	14	4.31
YR38	Rock	0.91	0.94	58.74	612.5	636.7	12750	10.8	1.8	361	6.91	1778	0.8	538.8	3.6	118.5	5.89	48.31	0.31	16	0.06
YR39	Rock	1.01	0.44	75.57	395.6	268.3	1438	10.0	1.5	181	3.51	178.6	0.3	54.0	1.7	1.5	0.76	7.83	0.14	8	0.02
YR40	Rock	0.52	0.65	6.25	2.76	6.6	58	6.6	1.1	212	1.01	10.0	<0.1	1.7	0.4	20.0	0.05	1.14	<0.02	<2	0.25
YR41	Rock	0.35	0.90	138.8	24.01	52.3	312	56.4	17.5	638	4.24	14.0	1.9	1.3	8.9	67.5	0.28	3.76	0.48	27	2.56
YR42	Rock	0.28	0.20	4.16	1.26	5.3	37	13.0	3.1	127	0.45	16.4	0.5	0.9	0.2	1316	0.02	2.41	<0.02	5	35.05
YR43	Rock	0.31	0.17	31.30	3.28	14.1	53	15.1	5.3	154	1.37	2.8	0.5	<0.2	2.0	7.8	0.01	0.13	0.02	10	0.21
YR44	Rock	1.41	0.37	38.82	21.56	17.9	81	38.0	11.6	211	1.69	4.4	<0.1	<0.2	0.1	146.1	0.05	0.14	0.15	20	3.97
YR45	Rock	0.41	0.15	22.80	42.48	66.7	497	40.9	23.0	382	3.89	22.5	1.5	8.8	8.5	15.8	0.04	0.55	0.57	22	0.24
YR46	Rock	0.47	0.59	60.97	13.08	81.8	111	52.4	20.5	540	3.82	18.8	1.5	13.5	11.5	20.6	0.20	1.19	0.18	37	0.32
YR47	Rock	1.73	0.30	165.9	22.96	3.6	405	144.2	58.3	88	5.43	9.4	0.1	7.8	<0.1	3.7	0.01	2.95	0.49	3	0.03
YR48	Rock	0.44	0.55	7.11	3.14	21.8	58	19.2	5.6	2549	5.89	86.4	0.6	16.8	3.2	743.0	0.10	1.07	0.04	<2	11.47
YR49	Rock	0.68	2.30	24.30	4.87	18.0	267	9.2	1.6	109	1.74	1.2	0.8	<0.2	0.6	16.0	0.08	0.10	0.05	26	0.26
YR50	Rock	0.45	0.09	3.07	2.59	7.3	14	5.9	3.4	228	0.67	1.4	0.9	<0.2	0.7	2687	<0.01	0.19	<0.02	<2	35.56
YR51	Rock	0.24	0.12	98.33	2.67	51.5	149	52.2	26.9	1334	5.62	0.9	1.0	1.3	8.1	24.6	0.07	0.04	0.12	86	0.32
YR52	Rock	0.47	0.39	256.3	1.37	11.3	66	106.7	83.0	209	2.46	1.2	0.1	<0.2	<0.1	24.2	0.08	0.22	<0.02	<2	1.88
YR53	Rock	1.52	3.68	71.01	2.78	95.6	113	48.4	18.3	558	5.86	1.0	2.5	<0.2	7.8	43.2	0.04	<0.02	0.06	149	1.07
YR54	Rock	1.31	3.76	131.0	9.08	119.8	364	60.2	17.2	731	6.11	14.6	4.8	1.3	14.0	52.3	0.18	<0.02	0.12	120	1.51
YR55	Rock	0.26	0.28	4.08	1.51	8.1	15	4.5	1.1	82	0.56	0.6	0.1	<0.2	0.5	6.4	0.01	0.02	<0.02	7	0.07
YR56	Rock	0.76	0.35	6.47	1.33	5.4	24	4.1	1.0	66	0.64	1.8	0.1	<0.2	0.3	1.8	<0.01	0.11	<0.02	<2	0.01
YR57	Rock	0.32	0.22	11.60	1.53	16.4	73	5.6	0.9	54	0.52	1.6	0.2	<0.2	0.3	3.5	0.02	0.04	<0.02	5	0.02
YR58	Rock	0.33	0.18	3.95	1.33	33.4	2	6.0	0.4	493	0.49	1.5	<0.1	<0.2	0.8	1.7	0.18	0.07	<0.02	3	0.02
YR58	Rock	0.69	0.69	9.63	2.33	42.0	99	12.5	4.4	490	0.44	1.9	<0.1	<0.2	0.1	1.6	0.33	0.50	0.03	<2	<0.01





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Rocks 2012  
Report Date: July 30, 2012

Page: 3 of 4

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000300.1

Method Analyte Unit MDL		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
KR29	Rock	0.020	4.1	<0.5	0.14	5.1	<0.001	<1	0.02	0.003	0.02	0.1	0.7	<0.02	<0.02	<5	<0.1	0.19	<0.1	0.09	<0.1
YR30	Rock	0.007	4.7	3.7	<0.01	315.5	0.002	1	0.08	0.002	0.05	0.1	0.3	<0.02	0.06	370	1.4	0.05	1.0	0.09	<0.1
YR31	Rock	0.044	28.0	8.1	1.00	64.4	<0.001	3	0.35	0.012	0.24	<0.1	4.2	0.08	0.07	6	<0.1	<0.02	1.1	1.58	<0.1
YR32	Rock	0.147	12.4	154.9	2.68	57.4	0.161	3	3.66	0.101	0.11	0.1	18.6	<0.02	0.25	<5	0.2	<0.02	15.1	1.94	0.1
YR33	Rock	0.088	9.5	56.7	5.63	70.6	<0.001	2	0.40	0.005	0.19	0.2	9.2	0.08	0.03	6	0.6	0.02	1.0	0.98	<0.1
YR34	Rock	0.066	12.1	22.7	0.98	71.7	0.001	3	0.61	0.017	0.25	0.1	5.5	0.09	0.31	7	0.4	0.05	1.4	1.19	<0.1
YR35	Rock	0.046	23.6	15.4	1.29	133.9	<0.001	3	0.57	0.010	0.36	0.3	5.5	0.13	0.43	14	0.5	0.06	1.3	1.31	<0.1
YR36	Rock	0.063	23.2	18.0	1.56	86.9	0.002	3	0.72	0.011	0.33	0.3	6.8	0.12	0.21	17	1.2	0.07	1.9	1.40	<0.1
YR37	Rock	0.085	11.9	13.4	0.02	100.2	0.001	<1	0.23	0.004	0.16	<0.1	1.4	0.08	0.12	55	0.5	0.31	0.9	0.62	<0.1
YR38	Rock	0.036	4.5	19.4	<0.01	51.8	<0.001	<1	0.13	0.001	0.05	<0.1	1.2	<0.02	<0.02	16	0.3	0.08	0.9	0.25	<0.1
YR39	Rock	0.008	1.5	21.4	0.10	20.3	<0.001	<1	0.08	0.001	0.04	<0.1	0.3	<0.02	<0.02	<5	<0.1	<0.02	0.2	0.13	<0.1
YR40	Rock	0.049	15.6	43.3	1.38	109.2	0.114	3	1.48	0.032	0.34	0.1	2.6	0.11	0.69	7	1.8	0.19	5.2	1.46	<0.1
YR41	Rock	0.038	2.9	15.0	0.61	12.9	0.002	<1	0.17	0.002	0.05	<0.1	1.6	<0.02	0.04	<5	0.2	0.02	0.4	0.24	<0.1
YR42	Rock	0.013	6.2	31.2	0.31	18.2	0.017	<1	0.45	0.032	0.06	<0.1	1.4	<0.02	0.03	<5	0.2	<0.02	2.0	0.18	<0.1
YR43	Rock	0.039	0.8	19.5	0.43	18.4	0.040	2	1.27	0.078	0.10	0.2	1.6	0.05	0.46	<5	0.3	0.04	3.6	0.50	<0.1
YR44	Rock	0.033	20.2	45.2	0.94	49.8	0.014	2	1.69	0.025	0.30	<0.1	4.2	0.13	0.36	<5	0.3	0.12	5.0	1.02	<0.1
YR45	Rock	0.042	26.4	68.7	1.04	105.4	0.010	1	1.74	0.027	0.19	<0.1	3.9	0.06	0.04	8	0.1	0.03	7.1	0.62	<0.1
YR46	Rock	<0.001	<0.5	22.3	0.02	6.4	0.001	<1	0.05	0.004	<0.01	0.1	<0.1	<0.02	3.49	11	3.0	0.12	0.5	0.10	<0.1
YR47	Rock	0.010	8.4	7.7	1.96	61.8	<0.001	1	0.12	0.008	0.10	<0.1	3.5	0.04	0.04	6	0.3	<0.02	0.4	0.19	<0.1
YR48	Rock	0.109	5.0	25.3	0.08	163.1	0.013	<1	0.34	0.041	0.09	<0.1	0.9	0.04	0.07	<5	2.5	0.08	1.2	0.38	<0.1
YR49	Rock	0.036	6.5	3.1	0.30	12.4	0.001	<1	0.04	0.002	0.02	<0.1	1.7	<0.02	0.22	<5	0.3	<0.02	<0.1	0.08	<0.1
YR50	Rock	0.041	21.7	88.6	1.40	275.3	0.198	1	3.55	0.076	1.10	<0.1	13.4	0.33	0.03	<5	<0.1	<0.02	12.6	2.83	<0.1
YR51	Rock	0.040	2.5	4.8	1.78	17.2	<0.001	5	0.01	0.004	<0.01	0.1	0.5	0.04	0.87	<5	2.1	0.05	0.2	0.02	<0.1
YR52	Rock	0.291	16.1	130.4	2.08	672.3	0.355	1	4.66	0.109	2.76	0.7	19.2	0.60	0.28	6	1.0	0.07	15.5	3.58	0.2
YR53	Rock	0.118	21.9	103.3	1.68	286.3	0.172	2	5.16	0.180	1.28	0.1	11.3	0.35	0.24	<5	3.7	0.12	15.3	1.56	<0.1
YR54	Rock	0.020	2.4	16.3	0.07	75.2	0.010	<1	0.23	0.005	0.12	<0.1	0.6	0.05	<0.02	<5	<0.1	<0.02	0.7	0.43	<0.1
YR55	Rock	0.006	1.0	20.2	<0.01	24.4	<0.001	1	0.09	0.003	0.04	<0.1	0.2	0.02	<0.02	<5	<0.1	<0.02	0.4	0.09	<0.1
YR56	Rock	0.006	1.0	16.5	0.02	31.0	0.042	<1	0.08	0.005	0.03	<0.1	0.3	<0.02	<0.02	<5	0.3	<0.02	0.3	0.11	<0.1
YR57	Rock	0.003	3.0	20.1	0.02	70.3	0.002	<1	0.13	0.004	0.02	<0.1	0.7	<0.02	<0.02	<5	<0.1	<0.02	0.3	0.04	<0.1
YR58	Rock	0.004	0.6	22.4	<0.01	63.2	<0.001	<1	0.04	0.002	0.01	<0.1	0.2	<0.02	<0.02	<5	<0.1	0.04	0.1	0.03	<0.1



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Rocks 2012  
Report Date: July 30, 2012

Page: 3 of 4

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000300.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	G6Gr
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Ag
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	gm/t
		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	50
KR29	Rock	<0.02	0.03	0.8	<0.1	<0.05	0.3	3.23	7.9	<0.02	2	<0.1	0.2	<10	<2	
YR30	Rock	<0.02	0.03	2.5	18.7	<0.05	0.8	0.56	7.4	0.15	<1	<0.1	0.2	<10	<2	
YR31	Rock	<0.02	0.02	11.2	0.2	<0.05	0.5	8.65	56.7	0.02	<1	0.5	0.6	<10	<2	
YR32	Rock	0.09	0.13	6.0	1.6	<0.05	1.4	10.12	26.8	0.07	<1	0.6	56.1	<10	<2	
YR33	Rock	<0.02	<0.02	10.3	<0.1	<0.05	1.1	6.66	19.0	<0.02	<1	0.5	3.8	<10	<2	
YR34	Rock	<0.02	0.04	11.2	0.2	<0.05	0.4	9.76	24.8	0.04	<1	0.6	3.4	<10	<2	
YR35	Rock	<0.02	0.03	15.6	0.3	<0.05	0.8	9.42	46.4	0.04	<1	1.4	1.0	<10	<2	
YR36	Rock	<0.02	0.06	14.7	0.4	<0.05	1.1	10.94	48.5	0.04	<1	1.2	3.0	<10	<2	
YR37	Rock	<0.02	0.03	7.2	4.3	<0.05	0.7	2.47	13.9	0.04	<1	0.2	0.7	<10	<2	
YR38	Rock	<0.02	0.03	3.0	1.2	<0.05	0.8	2.61	8.0	<0.02	<1	0.1	0.2	<10	<2	
YR39	Rock	<0.02	0.04	2.4	0.2	<0.05	0.1	0.82	2.8	<0.02	<1	<0.1	0.2	<10	<2	
YR40	Rock	0.04	0.28	18.6	3.3	<0.05	1.0	8.63	29.9	<0.02	<1	0.7	17.4	<10	<2	
YR41	Rock	<0.02	0.04	2.4	<0.1	<0.05	0.1	2.68	4.9	<0.02	2	<0.1	3.0	<10	<2	
YR42	Rock	<0.02	0.10	2.8	<0.1	<0.05	0.1	2.49	12.8	<0.02	<1	<0.1	4.9	<10	<2	
YR43	Rock	<0.02	0.13	7.0	0.1	<0.05	0.2	1.75	1.8	<0.02	1	0.2	8.2	<10	<2	
YR44	Rock	<0.02	0.05	17.5	0.2	<0.05	0.3	3.28	38.7	<0.02	<1	0.2	16.6	<10	<2	
YR45	Rock	<0.02	0.09	10.0	0.1	<0.05	0.4	5.55	52.4	0.03	<1	0.3	30.4	<10	<2	
YR46	Rock	<0.02	0.04	0.3	<0.1	<0.05	<0.1	0.10	0.2	<0.02	<1	<0.1	0.2	<10	<2	
YR47	Rock	<0.02	0.02	5.5	<0.1	<0.05	0.2	19.22	17.2	0.05	<1	0.1	0.8	<10	<2	
YR48	Rock	<0.02	0.16	6.4	<0.1	<0.05	0.1	3.11	10.2	<0.02	<1	0.1	1.9	<10	<2	
YR49	Rock	<0.02	0.03	1.0	0.1	<0.05	0.3	5.46	9.7	<0.02	<1	<0.1	0.3	<10	<2	
YR50	Rock	<0.02	0.17	70.9	1.5	<0.05	<0.1	4.70	43.4	0.06	1	1.1	53.3	<10	<2	
YR51	Rock	<0.02	0.04	0.4	<0.1	<0.05	<0.1	3.88	5.0	<0.02	3	<0.1	1.1	<10	<2	
YR52	Rock	0.05	1.11	127.8	1.1	<0.05	0.3	13.98	30.4	0.07	6	0.7	37.8	<10	<2	
YR53	Rock	0.09	0.55	84.4	1.2	<0.05	2.8	16.19	45.3	0.07	6	1.8	42.4	30	<2	
YR54	Rock	<0.02	0.15	7.7	0.1	<0.05	0.1	0.82	21.8	<0.02	<1	<0.1	1.6	<10	<2	
YR55	Rock	<0.02	0.08	2.7	0.1	<0.05	0.3	0.50	1.8	<0.02	<1	<0.1	0.3	<10	<2	
YR56	Rock	<0.02	0.75	2.3	<0.1	<0.05	<0.1	0.54	1.7	<0.02	2	<0.1	0.8	<10	<2	
YR57	Rock	0.02	0.06	1.2	<0.1	<0.05	0.9	1.92	5.3	<0.02	<1	<0.1	1.7	<10	<2	
YR58	Rock	<0.02	<0.02	0.7	0.1	<0.05	0.4	0.37	1.4	<0.02	<1	<0.1	2.5	<10	<2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Rocks 2012  
Report Date: July 30, 2012

Page: 4 of 4

Part: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI12000300.1

	Method Analyte Unit MDL	WGHT	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
YR59	Rock	0.47	0.74	251.1	53.42	804.3	2596	19.2	5.1	128	8.21	483.9	0.6	190.2	1.4	6.3	5.31	6.17	12.28	14	0.02
YR60	Rock	0.70	3.61	36.83	10.79	97.7	639	3.9	0.5	36	1.85	195.1	0.2	36.7	0.7	1.7	1.91	7.42	3.46	6	<0.01
KR30	Rock	0.46	0.13	7.39	6.61	13.8	38	9.3	4.7	139	0.95	306.9	0.3	17.8	1.2	696.5	0.01	4.51	0.09	<2	9.99
YR02	Rock	0.55	0.51	25.49	1.36	61.5	109	16.9	25.8	691	4.06	5.6	<0.1	<0.2	0.5	62.3	0.23	0.29	0.03	162	5.50
YR03	Rock	0.43	0.39	40.09	3.42	22.8	768	12.0	4.5	2626	1.34	71.3	0.2	6.6	0.6	216.4	0.22	10.57	<0.02	6	2.90
YR04	Rock	0.36	0.46	1.73	139.9	9.2	988	1.6	0.3	54	1.42	227.3	0.2	42.1	1.5	15.3	0.18	8.27	0.14	10	0.02
YR05	Rock	0.71	0.40	63.76	2.74	26.1	423	16.0	4.4	368	1.73	4.6	0.3	4.3	0.7	15.8	0.15	1.71	0.06	7	0.29
YR06	Rock	0.31	0.25	70.18	2.68	36.3	140	43.0	28.4	1068	5.43	1259	2.1	122.4	1.3	392.2	0.08	25.46	<0.02	31	6.88
YR07	Rock	0.82	0.26	135.5	1.80	65.9	167	81.8	38.7	1176	6.73	54.1	0.5	4.7	2.7	170.9	0.09	1.98	<0.02	160	4.14
YR08	Rock	0.26	0.15	20.87	1.35	8.0	3178	8.9	2.5	265	1.00	63.4	0.2	15.1	1.3	30.3	0.09	7.76	<0.02	3	0.42
YR09	Rock	0.39	4.93	226.6	15.70	248.4	1241	92.0	50.3	7265	8.56	126.7	3.3	25.2	11.5	281.0	2.41	5.60	0.54	29	3.96
YR10	Rock	0.76	3.97	71.45	10.78	156.2	488	45.2	13.6	393	3.37	930.8	1.2	55.7	11.3	33.1	0.30	8.56	0.18	15	0.63
YR11	Rock	0.38	1.64	109.9	23.12	326.5	4907	48.1	41.1	2067	8.52	7146	2.3	907.3	3.4	122.0	1.91	22.35	0.16	38	0.57
YR12	Rock	0.29	0.57	32.17	10.38	81.3	204	38.3	22.4	1112	4.80	15.5	0.7	4.4	3.0	111.4	0.13	0.15	0.06	110	3.17
YR13	Rock	0.45	0.14	17.20	8.85	16.5	2512	838.4	48.4	448	3.16	391.8	0.4	9.5	1.9	258.5	0.13	417.8	0.23	5	2.79
YR14	Rock	0.68	1.01	41.19	17.52	66.3	851	1374	69.9	737	3.35	689.7	2.0	24.7	8.3	248.9	0.23	57.50	0.13	9	5.61
YR15	Rock	0.78	0.66	26.23	28.65	83.7	410	221.2	21.8	757	3.15	364.0	1.4	14.1	4.9	311.8	0.38	8.16	0.06	18	6.93
YR16	Rock	0.48	0.10	16.62	2.17	28.5	25	9.5	2.4	309	0.92	2.0	0.2	11.3	1.1	2.2	0.09	0.44	0.29	18	0.04
YR17	Rock	0.90	1.07	20.60	50.17	10.8	6277	3.4	0.7	57	0.80	46.5	0.2	71.3	0.9	2.1	0.16	4.20	0.63	5	0.01
YR18	Rock	0.80	21.90	1153	983.3	164.8	>100000	10.2	1.9	84	11.10	1653	1.5	828.0	4.4	13.0	9.24	80.33	26.98	27	0.03
YR19	Rock	0.44	4.02	84.35	58.65	110.0	847	13.2	2.0	58	2.51	105.8	0.7	15.9	2.0	7.9	0.87	2.20	0.22	8	0.02
YR20	Rock	0.28	0.60	55.03	322.2	69.4	28002	7.9	1.0	43	1.11	111.7	0.3	47.8	0.5	3.5	0.80	10.47	0.11	<2	<0.01
YR21	Rock	0.49	4.39	330.6	2463	480.2	17923	36.7	17.6	355	4.30	316.4	2.0	73.7	2.7	20.8	2.89	5.69	0.35	8	0.02
YR22	Rock	0.50	5.64	56.18	616.9	120.2	8379	10.7	1.3	59	2.53	194.4	0.9	27.5	2.2	53.5	2.97	2.93	0.05	7	0.02
YR23	Rock	0.94	2.05	23.88	160.3	9.6	11767	2.1	0.7	59	1.06	142.9	0.2	375.4	1.0	2.9	0.70	7.95	1.80	5	<0.01
YR24	Rock	0.45	17.39	293.3	4866	170.6	17117	35.7	4.8	75	5.25	570.0	4.8	2951	5.2	162.1	3.59	35.39	0.52	19	0.05



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Rocks 2012  
Report Date: July 30, 2012

Page: 4 of 4

Part: 2 of 3

## CERTIFICATE OF ANALYSIS

WHI12000300.1

	Method	Analyte	Unit	MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30			
					P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
					%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
					0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
YR59	Rock				0.136	9.7	13.2	0.02	41.5	0.001	<1	0.33	<0.001	0.07	0.1	1.3	0.02	<0.02	315	4.3	0.36	0.8	0.11	<0.1
YR60	Rock				0.020	2.8	20.4	<0.01	27.2	<0.001	<1	0.11	<0.001	0.06	0.2	0.5	0.02	<0.02	55	1.1	0.33	1.1	0.15	<0.1
KR30	Rock				0.007	2.8	11.7	0.10	5.0	<0.001	<1	0.04	0.004	0.03	<0.1	1.4	<0.02	0.03	<5	<0.1	<0.02	0.1	0.10	<0.1
YR02	Rock				0.089	2.7	7.2	2.03	1251	0.145	<1	2.89	0.084	0.90	<0.1	14.7	0.09	0.19	<5	0.1	<0.02	8.8	1.24	0.1
YR03	Rock				0.056	3.5	20.7	0.71	30.7	<0.001	<1	0.09	0.002	0.05	<0.1	1.7	<0.02	0.12	<5	0.2	0.02	0.4	0.33	<0.1
YR04	Rock				0.029	4.0	16.7	<0.01	195.6	0.006	2	0.08	0.002	0.27	0.3	1.2	0.07	0.42	9	2.5	0.02	1.3	0.08	<0.1
YR05	Rock				0.011	2.4	19.1	0.19	163.5	<0.001	<1	0.17	0.002	0.04	<0.1	0.9	<0.02	0.29	<5	2.1	0.16	0.9	0.18	<0.1
YR06	Rock				0.122	6.0	11.8	2.87	91.0	0.002	9	0.48	0.007	0.31	0.4	9.7	0.16	2.18	<5	0.2	<0.02	1.4	1.99	<0.1
YR07	Rock				0.133	20.1	114.5	3.80	239.2	0.030	2	2.75	0.038	0.18	<0.1	25.9	0.07	0.09	<5	<0.1	<0.02	10.0	2.72	0.1
YR08	Rock				0.011	3.1	7.9	0.19	66.8	<0.001	1	0.12	0.001	0.09	<0.1	1.8	0.02	0.53	<5	0.4	0.03	0.5	0.23	<0.1
YR09	Rock				0.128	31.6	12.0	1.39	442.5	0.002	4	0.90	0.004	0.22	<0.1	5.5	0.12	0.14	27	3.9	0.76	1.8	2.06	0.1
YR10	Rock				0.094	20.2	10.0	0.23	40.7	0.001	8	0.53	0.005	0.31	0.1	2.0	0.17	2.81	<5	2.9	0.12	1.5	1.30	<0.1
YR11	Rock				0.162	20.1	4.5	0.22	293.9	0.003	9	0.71	0.004	0.36	0.4	12.9	0.30	0.45	16	1.2	0.08	2.2	2.84	<0.1
YR12	Rock				0.165	25.2	41.6	2.75	92.3	0.046	<1	2.90	0.032	0.36	<0.1	11.1	0.21	0.37	6	<0.1	0.04	11.4	2.45	<0.1
YR13	Rock				0.001	3.5	234.5	11.34	38.3	<0.001	2	0.13	<0.001	0.07	<0.1	3.8	0.04	0.11	<5	0.3	0.02	0.3	0.48	<0.1
YR14	Rock				0.034	25.0	80.8	3.25	76.1	<0.001	3	1.11	0.002	0.21	<0.1	5.6	0.08	<0.02	<5	<0.1	<0.02	1.6	2.04	<0.1
YR15	Rock				0.055	8.8	114.1	4.77	43.3	0.001	3	0.73	0.003	0.33	0.2	12.7	0.10	0.42	7	0.7	0.02	1.4	0.31	<0.1
YR16	Rock				0.012	4.5	14.9	0.18	283.3	0.021	<1	0.36	0.004	0.22	<0.1	0.5	0.07	<0.02	5	<0.1	0.09	1.8	0.99	<0.1
YR17	Rock				0.004	6.1	14.0	0.01	252.3	0.001	2	0.14	0.001	0.06	<0.1	0.4	<0.02	<0.02	97	0.4	0.13	0.6	0.12	<0.1
YR18	Rock				0.076	30.1	21.7	0.02	467.2	0.005	3	0.56	0.001	0.13	0.2	1.3	0.05	0.07	6472	5.8	0.52	5.9	0.40	<0.1
YR19	Rock				0.044	7.7	8.3	0.02	93.6	0.001	1	0.30	<0.001	0.06	<0.1	0.8	0.03	<0.02	14	0.8	0.09	1.0	0.48	<0.1
YR20	Rock				0.019	2.5	12.7	<0.01	53.0	<0.001	<1	0.06	0.002	0.02	<0.1	0.2	<0.02	<0.02	62	0.2	0.09	0.3	0.05	<0.1
YR21	Rock				0.093	7.9	8.9	0.01	224.8	0.001	2	0.44	0.001	0.08	<0.1	1.1	0.06	0.04	62	2.1	0.23	1.5	0.49	<0.1
YR22	Rock				0.063	6.5	9.2	0.02	449.5	0.002	3	0.21	0.005	0.11	<0.1	0.7	0.06	0.07	44	1.4	0.04	1.0	0.24	<0.1
YR23	Rock				0.010	10.8	13.8	<0.01	214.3	0.002	1	0.11	0.001	0.06	0.1	0.4	0.03	0.03	369	1.3	0.08	1.4	0.14	<0.1
YR24	Rock				0.249	6.9	12.4	0.02	658.1	0.005	1	0.60	0.005	0.12	<0.1	4.8	0.06	0.22	213	6.2	0.82	2.0	0.25	0.1



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **18526 Yukon Inc.**  
P.O. Box 11250  
Whitehorse YT Y1A 6N4 Canada

Project: Tosh Rocks 2012  
Report Date: July 30, 2012

Page: 4 of 4

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

WHI12000300.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	G6Gr
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Ag
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	gm/t
		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	50
YR59	Rock	0.02	0.03	3.9	3.4	<0.05	0.9	4.85	12.6	7.42	<1	0.2	1.0	<10	<2	
YR60	Rock	<0.02	<0.02	3.6	0.8	<0.05	0.9	0.66	4.3	0.85	<1	<0.1	0.3	<10	<2	
KR30	Rock	<0.02	<0.02	1.5	<0.1	<0.05	0.6	4.88	5.6	<0.02	<1	<0.1	0.4	<10	<2	
YR02	Rock	<0.02	0.25	25.6	0.5	<0.05	<0.1	7.23	5.6	0.05	3	<0.1	27.2	<10	<2	
YR03	Rock	<0.02	<0.02	2.1	<0.1	<0.05	0.3	4.86	8.7	<0.02	2	0.1	0.6	<10	<2	
YR04	Rock	0.02	0.08	6.4	30.6	<0.05	0.7	0.51	6.9	0.18	<1	<0.1	0.4	<10	<2	
YR05	Rock	<0.02	0.06	2.1	0.2	<0.05	0.5	2.13	4.9	<0.02	<1	<0.1	2.2	<10	<2	
YR06	Rock	<0.02	0.02	16.2	0.1	<0.05	0.1	11.27	11.5	0.04	<1	0.8	3.2	<10	<2	
YR07	Rock	0.02	0.04	9.7	0.7	<0.05	0.3	13.85	40.6	0.06	3	0.6	64.3	<10	3	
YR08	Rock	0.02	0.02	3.8	<0.1	<0.05	1.1	1.45	7.2	<0.02	<1	<0.1	0.3	<10	<2	
YR09	Rock	0.04	0.07	13.4	0.2	<0.05	2.0	25.31	80.3	0.05	52	0.5	3.5	10	3	
YR10	Rock	0.04	0.06	17.5	0.2	<0.05	1.6	7.84	40.9	<0.02	2	0.3	1.5	<10	<2	
YR11	Rock	<0.02	0.09	21.3	0.2	<0.05	0.4	16.71	41.3	0.08	<1	0.6	3.3	16	<2	
YR12	Rock	0.14	<0.02	24.2	0.3	<0.05	3.6	11.58	52.8	0.06	2	0.4	44.2	<10	<2	
YR13	Rock	<0.02	<0.02	3.8	<0.1	<0.05	0.3	2.65	7.0	<0.02	3	0.2	1.0	<10	<2	
YR14	Rock	<0.02	<0.02	12.2	0.1	<0.05	1.1	8.30	47.5	0.03	2	0.8	3.9	<10	<2	
YR15	Rock	0.04	<0.02	13.7	5.1	<0.05	1.3	7.13	17.4	<0.02	<1	0.3	6.0	<10	<2	
YR16	Rock	<0.02	0.16	12.8	0.3	<0.05	0.6	0.78	6.3	<0.02	<1	0.3	3.1	<10	<2	
YR17	Rock	0.04	0.05	2.8	7.4	<0.05	1.7	0.68	9.7	0.04	<1	<0.1	0.4	<10	<2	
YR18	Rock	0.12	0.12	6.8	>100	<0.05	5.3	3.09	43.6	5.04	<1	0.2	0.5	18	3	156
YR19	Rock	0.03	<0.02	4.4	0.5	<0.05	0.9	4.00	13.7	<0.02	<1	0.2	0.7	<10	<2	
YR20	Rock	<0.02	0.05	0.9	5.9	<0.05	0.3	0.73	4.1	0.06	<1	<0.1	0.1	<10	<2	
YR21	Rock	<0.02	0.04	5.0	7.3	<0.05	1.1	5.20	14.7	0.33	<1	0.2	0.6	<10	<2	
YR22	Rock	<0.02	0.04	5.4	4.9	<0.05	1.4	2.05	12.1	0.10	<1	0.1	0.5	<10	<2	
YR23	Rock	0.02	0.07	3.1	15.1	<0.05	1.0	0.66	14.6	0.34	<1	<0.1	0.3	<10	<2	
YR24	Rock	0.04	0.02	5.8	19.5	<0.05	2.1	10.51	15.6	0.28	1	0.5	1.6	<10	<2	





Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

18526 Yukon Inc.

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Rocks 2012

Report Date:

July 30, 2012

Page:

1 of 2

Part:

1 of 3

## QUALITY CONTROL REPORT

WHI12000300.1

	Method Analyte Unit MDL	WGHT	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
Pulp Duplicates																				
TR01	Rock	0.55	0.10	104.9	0.68	29.9	121	49.7	16.8	319	2.23	13.0	<0.1	5.9	0.4	59.4	0.06	0.12	<0.02	71
REP TR01	QC		0.08	115.1	0.79	31.7	136	57.1	18.0	351	2.56	11.3	<0.1	6.5	0.5	69.7	0.04	0.14	<0.02	81
KR04	Rock	0.73	3.59	91.39	32.89	111.2	277	52.0	37.8	1270	5.60	2.0	0.6	5.9	15.6	11.8	0.02	0.04	2.44	24
REP KR04	QC		3.49	89.14	32.71	114.2	287	51.6	39.3	1218	5.32	1.6	0.6	6.2	15.6	12.0	0.02	0.04	2.50	23
YR48	Rock	0.68	2.30	24.30	4.87	18.0	267	9.2	1.6	109	1.74	1.2	0.8	<0.2	0.6	16.0	0.08	0.10	0.05	26
REP YR48	QC		2.44	24.58	4.87	18.5	290	9.6	1.5	113	1.78	1.2	0.9	1.9	0.6	15.0	0.08	0.12	0.05	26
YR52	Rock	1.52	3.68	71.01	2.78	95.6	113	48.4	18.3	558	5.86	1.0	2.5	<0.2	7.8	43.2	0.04	<0.02	0.06	149
REP YR52	QC		3.60	74.82	2.80	99.3	119	50.1	18.6	585	6.12	0.9	2.6	<0.2	7.8	44.0	0.07	<0.02	0.06	157
YR57	Rock	0.33	0.18	3.95	1.33	33.4	2	6.0	0.4	493	0.49	1.5	<0.1	<0.2	0.8	1.7	0.18	0.07	<0.02	3
REP YR57	QC		0.17	3.82	1.25	32.6	<2	5.7	0.5	480	0.47	1.2	<0.1	<0.2	0.7	1.6	0.17	0.06	<0.02	3
YR24	Rock	0.45	17.39	293.3	4866	170.6	17117	35.7	4.8	75	5.25	570.0	4.8	2951	5.2	162.1	3.59	35.39	0.52	19
REP YR24	QC		17.22	290.1	4823	174.0	16923	35.1	4.6	75	5.24	568.8	4.6	2649	5.1	161.3	3.50	34.21	0.51	19
Core Reject Duplicates																				
YR01B	Rock	0.44	0.64	10.15	0.33	18.6	41	7.7	5.2	288	1.54	0.9	0.1	1.2	<0.1	48.8	0.09	0.23	0.03	54
DUP YR01B	QC		0.94	13.99	0.35	20.4	53	5.2	5.8	286	1.53	1.1	0.1	1.4	0.1	52.7	0.11	0.29	<0.02	61
YR35	Rock	1.31	0.74	40.40	32.10	81.1	5138	97.4	23.6	796	4.02	4099	0.8	1435	9.8	221.4	0.76	22.83	0.28	8
DUP YR35	QC		0.73	39.57	31.94	80.2	5108	96.5	23.1	771	4.00	3835	0.9	1504	9.8	213.2	0.74	22.82	0.27	15
YR10	Rock	0.76	3.97	71.45	10.78	156.2	488	45.2	13.6	393	3.37	930.8	1.2	55.7	11.3	33.1	0.30	8.56	0.18	15
DUP YR10	QC		3.86	70.68	10.48	153.3	459	43.6	13.1	379	3.26	905.6	1.2	54.7	11.1	34.2	0.31	8.34	0.17	15
Reference Materials																				
STD DS9	Standard		12.22	103.1	121.1	317.5	2023	42.8	8.0	611	2.44	24.2	2.3	161.5	5.5	66.6	2.19	5.08	6.10	40
STD DS9	Standard		12.80	105.3	127.9	309.3	2160	39.4	7.4	585	2.26	25.5	2.8	168.1	6.9	69.6	2.41	4.87	6.30	38
STD DS9	Standard		12.67	114.4	126.0	316.6	1834	42.2	7.9	580	2.24	26.1	2.9	112.7	6.8	78.8	2.39	5.44	6.71	37
STD DS9	Standard		13.29	120.3	143.5	337.9	2088	46.4	8.2	636	2.58	27.5	3.1	121.5	7.4	83.8	2.54	5.30	7.92	45
STD SP49	Standard																			
STD DS9 Expected			12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40
STD SP49 Expected																				
BLK	Blank		<0.01	0.09	<0.01	0.1	5	0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

18526 Yukon Inc.

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Rocks 2012

Report Date:

July 30, 2012

Page:

1 of 2

Part:

2 of 3

## QUALITY CONTROL REPORT

WHI12000300.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																					
TR01	Rock	0.141	3.2	147.6	0.96	216.4	0.099	2	0.96	0.164	0.06	<0.1	6.6	<0.02	0.02	<5	<0.1	<0.02	3.8	0.18	0.1
REP TR01	QC	0.155	3.6	159.5	1.10	234.3	0.113	<1	1.12	0.190	0.07	<0.1	7.7	<0.02	0.03	<5	<0.1	<0.02	4.2	0.20	<0.1
KR04	Rock	0.032	41.3	40.8	1.29	26.5	0.004	<1	2.36	0.052	0.12	<0.1	4.5	0.03	0.77	<5	0.1	0.26	8.4	0.32	<0.1
REP KR04	QC	0.035	40.7	42.0	1.24	27.3	0.004	<1	2.26	0.049	0.11	<0.1	4.4	0.03	0.74	<5	<0.1	0.21	8.1	0.33	<0.1
YR48	Rock	0.109	5.0	25.3	0.08	163.1	0.013	<1	0.34	0.041	0.09	<0.1	0.9	0.04	0.07	<5	2.5	0.08	1.2	0.38	<0.1
REP YR48	QC	0.113	5.2	26.3	0.08	163.9	0.013	2	0.35	0.042	0.09	<0.1	1.0	0.04	0.08	<5	2.5	0.07	1.3	0.40	<0.1
YR52	Rock	0.291	16.1	130.4	2.08	672.3	0.355	1	4.66	0.109	2.76	0.7	19.2	0.60	0.28	6	1.0	0.07	15.5	3.58	0.2
REP YR52	QC	0.304	16.2	136.9	2.18	694.6	0.366	2	4.86	0.116	2.87	0.8	19.8	0.64	0.29	<5	1.2	0.02	16.0	3.72	0.2
YR57	Rock	0.003	3.0	20.1	0.02	70.3	0.002	<1	0.13	0.004	0.02	<0.1	0.7	<0.02	<0.02	<5	<0.1	<0.02	0.3	0.04	<0.1
REP YR57	QC	0.003	2.9	19.1	0.02	67.3	0.002	<1	0.13	0.003	0.02	<0.1	0.7	<0.02	<0.02	<5	<0.1	<0.02	0.3	0.04	<0.1
YR24	Rock	0.249	6.9	12.4	0.02	658.1	0.005	1	0.60	0.005	0.12	<0.1	4.8	0.06	0.22	213	6.2	0.82	2.0	0.25	0.1
REP YR24	QC	0.242	6.5	12.7	0.02	658.2	0.005	1	0.60	0.005	0.12	<0.1	4.9	0.06	0.22	203	6.1	0.68	2.2	0.24	<0.1
Core Reject Duplicates																					
YRO1B	Rock	0.015	0.6	7.0	0.30	157.6	0.022	1	0.36	0.025	0.07	<0.1	2.0	<0.02	<0.02	<5	<0.1	<0.02	1.5	0.15	<0.1
DUP YRO1B	QC	0.018	0.7	3.2	0.32	180.7	0.026	<1	0.44	0.027	0.09	<0.1	2.3	<0.02	<0.02	<5	<0.1	<0.02	1.8	0.16	<0.1
YR35	Rock	0.046	23.6	15.4	1.29	133.9	<0.001	3	0.57	0.010	0.36	0.3	5.5	0.13	0.43	14	0.5	0.06	1.3	1.31	<0.1
DUP YR35	QC	0.044	23.5	28.0	1.24	178.1	0.002	6	1.15	0.014	0.61	0.3	6.2	0.20	0.41	27	0.6	0.07	2.6	1.52	<0.1
YR10	Rock	0.094	20.2	10.0	0.23	40.7	0.001	8	0.53	0.005	0.31	0.1	2.0	0.17	2.81	<5	2.9	0.12	1.5	1.30	<0.1
DUP YR10	QC	0.087	20.5	10.8	0.22	39.1	0.001	7	0.55	0.005	0.32	<0.1	1.9	0.16	2.72	<5	2.8	0.12	1.6	1.27	<0.1
Reference Materials																					
STD DS9	Standard	0.088	11.0	124.6	0.64	307.9	0.108	3	0.96	0.081	0.41	3.1	2.6	5.92	0.17	237	5.8	5.41	5.2	2.56	0.1
STD DS9	Standard	0.082	13.9	114.9	0.63	301.9	0.106	3	0.96	0.084	0.40	3.1	2.8	5.50	0.16	225	5.1	5.15	4.7	2.41	<0.1
STD DS9	Standard	0.086	14.2	115.8	0.60	286.2	0.121	3	0.93	0.081	0.38	2.8	2.4	5.22	0.15	210	5.9	5.26	4.6	2.29	0.1
STD DS9	Standard	0.092	15.2	124.3	0.68	321.1	0.122	3	1.03	0.087	0.42	3.4	2.7	6.27	0.17	203	5.5	5.60	5.0	2.67	<0.1
STD SP49	Standard																				
STD DS9 Expected		0.0819	13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1
STD SP49 Expected																					
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

18526 Yukon Inc.

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Rocks 2012

Report Date:

July 30, 2012

Page:

1 of 2

Part:

3 of 3

## QUALITY CONTROL REPORT

WHI12000300.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	G6Gr
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Ag
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	gm/t
		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	50
Pulp Duplicates																
TR01	Rock	0.04	0.10	2.2	0.3	<0.05	0.7	5.55	7.3	<0.02	<1	0.2	5.6	<10	<2	
REP TR01	QC	0.06	0.10	2.4	0.4	<0.05	0.7	5.90	8.2	<0.02	<1	0.1	6.6	<10	<2	
KR04	Rock	<0.02	0.03	5.9	0.2	<0.05	0.4	4.55	89.1	0.04	3	0.4	61.9	<10	<2	
REP KR04	QC	<0.02	0.03	5.7	0.1	<0.05	0.4	4.52	86.0	0.03	1	0.3	62.4	<10	<2	
YR48	Rock	<0.02	0.16	6.4	<0.1	<0.05	0.1	3.11	10.2	<0.02	<1	0.1	1.9	<10	<2	
REP YR48	QC	<0.02	0.18	6.8	<0.1	<0.05	0.1	3.22	10.5	<0.02	<1	0.1	2.0	<10	<2	
YR52	Rock	0.05	1.11	127.8	1.1	<0.05	0.3	13.98	30.4	0.07	6	0.7	37.8	<10	<2	
REP YR52	QC	0.05	1.67	133.7	1.1	<0.05	0.3	14.35	31.1	0.06	2	1.0	38.8	<10	<2	
YR57	Rock	0.02	0.06	1.2	<0.1	<0.05	0.9	1.92	5.3	<0.02	<1	<0.1	1.7	<10	<2	
REP YR57	QC	0.03	0.05	1.2	<0.1	<0.05	0.9	1.91	5.1	<0.02	2	<0.1	1.7	<10	<2	
YR24	Rock	0.04	0.02	5.8	19.5	<0.05	2.1	10.51	15.6	0.28	1	0.5	1.6	<10	<2	
REP YR24	QC	0.03	0.03	5.8	19.1	<0.05	2.0	10.49	14.7	0.29	1	0.5	1.5	22	<2	
Core Reject Duplicates																
YR01B	Rock	<0.02	0.16	2.4	0.1	<0.05	0.1	1.32	1.2	<0.02	<1	<0.1	5.1	<10	<2	
DUP YR01B	QC	<0.02	0.19	2.9	0.3	<0.05	0.2	1.48	1.4	<0.02	<1	<0.1	6.1	<10	<2	
YR35	Rock	<0.02	0.03	15.6	0.3	<0.05	0.8	9.42	46.4	0.04	<1	1.4	1.0	<10	<2	
DUP YR35	QC	0.02	0.04	26.1	0.4	<0.05	1.0	9.35	47.6	0.03	2	1.4	1.3	<10	<2	
YR10	Rock	0.04	0.06	17.5	0.2	<0.05	1.6	7.84	40.9	<0.02	2	0.3	1.5	<10	<2	
DUP YR10	QC	0.05	0.06	17.6	0.2	<0.05	1.5	7.57	41.8	<0.02	3	0.4	1.5	<10	<2	
Reference Materials																
STD DS9	Standard	0.10	1.27	36.8	6.0	<0.05	2.1	5.56	21.5	2.17	64	6.6	28.6	147	378	
STD DS9	Standard	0.10	1.37	34.4	6.8	<0.05	2.1	6.19	25.5	2.17	65	5.4	25.8	123	391	
STD DS9	Standard	0.08	1.35	35.8	7.4	<0.05	2.1	5.77	25.8	2.65	58	4.7	26.0	104	359	
STD DS9	Standard	0.09	1.25	36.6	7.2	<0.05	2.4	6.11	28.9	2.49	72	6.9	27.6	117	399	
STD SP49	Standard	61														
STD DS9 Expected		0.08	1.33	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350	
STD SP49 Expected		60.2														
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

[www.acmelab.com](http://www.acmelab.com)

Client:

**18526 Yukon Inc.**

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Rocks 2012

Report Date:

July 30, 2012

Page:

2 of 2

Part:

1 of 3

## QUALITY CONTROL REPORT

WHI12000300.1

		WGHT	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
BLK	Blank		<0.01	<0.01	0.04	<0.1	2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	0.01	<0.02	<0.02	<2	<0.01
BLK	Blank		<0.01	0.03	0.02	<0.1	3	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank		0.09	3.84	2.42	45.5	18	2.8	4.0	512	1.69	<0.1	1.5	2.7	5.7	43.5	0.04	0.05	0.14	34	0.38
G1-WHI	Prep Blank		0.23	5.69	3.40	53.9	22	3.2	4.9	669	2.34	0.4	2.2	3.0	7.0	77.4	0.03	0.05	0.17	44	0.56



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

[www.acmelab.com](http://www.acmelab.com)

Client:

**18526 Yukon Inc.**

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Rocks 2012

Report Date:

July 30, 2012

Page:

2 of 2

Part:

2 of 3

## QUALITY CONTROL REPORT

WHI12000300.1

		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank																			
Prep Wash																				
G1-WHI	Prep Blank	0.087	9.4	3.2	0.50	157.9	0.109	<1	0.72	0.028	0.44	<0.1	1.9	0.32	<0.02	<5	<0.1	<0.02	4.4	2.79
G1-WHI	Prep Blank	0.096	16.5	5.2	0.57	178.7	0.141	2	0.98	0.081	0.51	0.1	2.6	0.38	<0.02	<5	<0.1	<0.02	5.7	3.66





Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

[www.acmelab.com](http://www.acmelab.com)

Client:

**18526 Yukon Inc.**

P.O. Box 11250

Whitehorse YT Y1A 6N4 Canada

Project:

Tosh Rocks 2012

Report Date:

July 30, 2012

Page:

2 of 2

Part:

3 of 3

## QUALITY CONTROL REPORT

WHI12000300.1

		1F30 Hf ppm 0.02	1F30 Nb ppm 0.02	1F30 Rb ppm 0.1	1F30 Sn ppm 0.1	1F30 Ta ppm 0.05	1F30 Zr ppm 0.1	1F30 Y ppm 0.01	1F30 Ce ppm 0.1	1F30 In ppm 0.02	1F30 Re ppb 1	1F30 Be ppm 0.1	1F30 Li ppm 0.1	1F30 Pd ppb 10	1F30 Pt ppb 2	G6Gr Ag gm/t 50
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank															<50
Prep Wash																
G1-WHI	Prep Blank	0.07	0.52	43.3	0.3	<0.05	0.8	3.18	17.3	<0.02	<1	0.3	28.8	<10	<2	
G1-WHI	Prep Blank	0.11	0.53	48.6	0.7	<0.05	1.5	5.64	30.4	0.03	<1	0.4	33.0	<10	<2	