ASSESSMENT REPORT

2012 GEOCHEMICAL PROGRAM

on the

May Creek Property

Mayo Mining District, Yukon Territory

for

Goldspike Exploration Inc.

Claims filed for: 'BM' 1 – 162 (YD94101 – YD94262)
NTS Mapsheets: 115P15, 115P10
UTM Coordinates: E418000, N7070000 (NAD83, Zone8)
Owner: Goldspike Exploration Inc.
Author: D. Ferraro, HBSc.
Dates worked performed: June 23rd, 2012

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1.0 SUMMARY

A 1 day geochemical sampling program was conducted on the May Creek Property on June 23rd, 2012. The property is owned 100% by Goldspike Exploration Inc. and consists of 162 contiguous quartz claims, covering an area of approximately 3386 hectares located in the Mayo Mining District.

Located in the west-central part of Yukon Territory, the Property is situated north of McQuesten River, and about 43 km northwest of the community of Mayo. It is accessed with the use of a helicopter from a camp north of Mayo.

The Property lies within the western part of the Selwyn Basin of the Omineca Belt, and lies northeast of the Tintina Fault. The basinal rocks in the area comprise variably deformed and metamorphosed low- to very low-grade metasedimentary rocks of the Hyland Group, of Proterozoic to Paleozoic age. Most felsic intrusions in the area are of Late Cretaceous age, and compositional are a biotite- muscovite-bearing suite of granite to quartz monzonite intrusions. The Boulder Creek stock partially lies within the northern part of the Property, and consists of a coarse-grained megacrystic quartz monzonite. A smaller, mid-Cretaceous quartz monzonite stock, termed the Bos stock, lies immediately north of the Property. This stock is part of the Tombstone suite of intrusions.

The Boulder showing (Minfile 115P 024) is located within the Property on a ridge south of the Boulder Creek stock. The showing is described as silver-lead-zinc veins within metasedimentary rocks, along with tin-tungsten skarn mineralization.

The 2012 program consisted of a crew of 6 soil samplers, 1 prospector and one geologist collecting 199 soil samples and 33 rock samples. Two areas were targeted for follow-up work from the 2011 program: the Shari Creek area (in the north of the property) and east end of the property.

Shari Creek was targeted to follow up on a 1 g/t Au rock sample taken from a scree slope in 2011, as well as anomalous soil samples. A soil grid and prospecting was done. Soil sampling was relatively unsuccessful due to poor sampling conditions. Rock sampling yielded a few significant anomalies including a metasedimentary outcrop assaying 244 ppb Au near the scree slope.

The east end of the property was targeted to follow up on tungsten and silver soil anomalies found in 2011. Four lines were planned which were both successful in showing strongly anomalous silver and tungsten, with elevated gold, copper, bismuth, tin, and arsenic.

Further prospecting and blasting is recommended in the Shari Creek area. A ground magnetics survey is recommended for the east end of the property.

2.0 INTRODUCTION

This assessment report has been prepared at the request of Mr. Bruce Durham, president of Goldspike Exploration Inc. of Toronto, Ontario. The report describes the 2012 geochemical and prospecting program on the May Creek Property. Field work was performed by Druid Exploration Inc. of Dawson City, Yukon. The report text and maps were written by D. Ferraro, of Ferraro Consulting Ltd. of Woodstock, ON. Sections of the report are from the 2011 report on the May Creek Property, prepared for Goldspike by A. Koffyberg of Discovery Consultants of Vernon, BC.

3.0 PROPERTY LOCATION AND ACCESS

The Property is located in the central Yukon north of Stewart Crossing (Figure 1). The Property is about 350 km north of Whitehorse, 43 km northwest of the community of Mayo and 43 km north of Stewart Crossing along the Klondike Highway. It lies within the Mayo Mining District.

The approximate centre of the Property lies at latitude 63˚ 45' 24" north, and longitude 136˚ 40' 57" west. The Property can be accessed by helicopter from Mayo, or alternatively from Dawson City to the west.

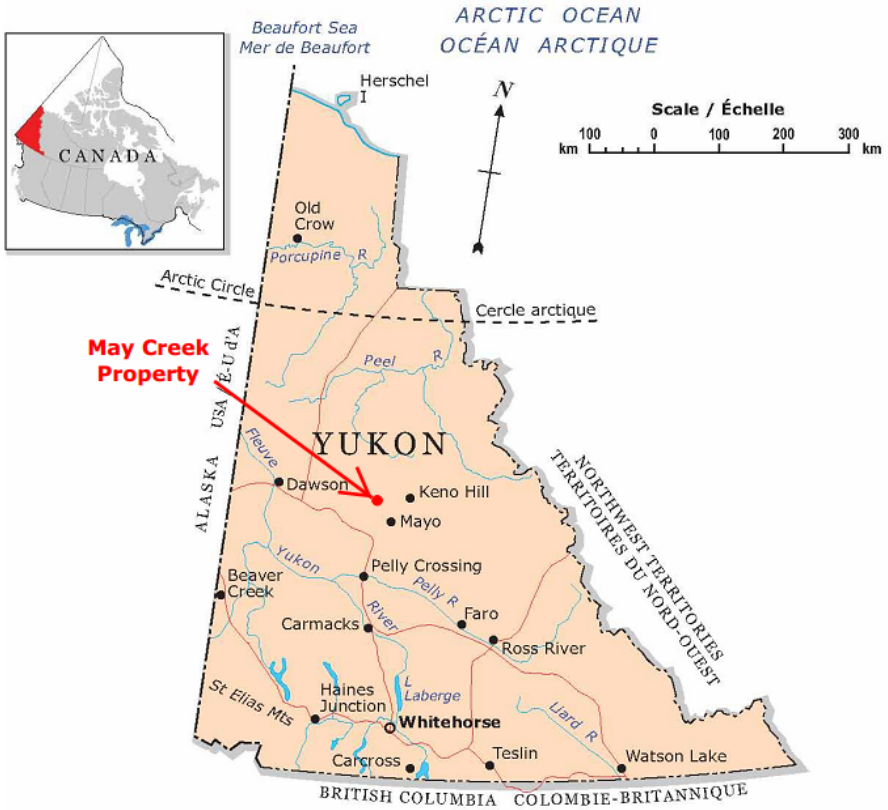


Figure 1: General location of the May Creek Property (modified from NRCAN, 2006).

4.0 TOPOGRAPHY, VEGETATION, AND CLIMATE

Physiographically, the Property is situated north of the McQuesten River within the Stewart Plateau, in the southern part of the Ogilvie Mountain Range. The southeast corner of the Property lies near the McQuesten River. The terrain is moderately mountainous (Photo 1). Topography is locally rugged with a few cliffs and moderately to deeply incised creek valleys. Elevations range from about 550 metres along the McQuesten River in the southeast, to 1,600 metres on a ridge along the central-west side of the Property. Drainage is via Boulder and May Creeks to the southeast, which are tributaries of the McQuesten River, which in turn drains into the Stewart River.

Pleistocene glaciation of the Reid ice advance (ca. 200 Ka) affected the major drainages whereas higher elevations were only subjected to an earlier pre-Reid glaciation (from ca. 3 Ma) (Lipovsky et al. 2001), where essentially the terrain remains as weathered soils above bedrock. Outcrop exposure typically makes up less than 5% of the area, with little to no rock exposure within the forested lower slopes. Felsenmeer is common on above tree-line ridges. Permafrost is likely to be continuous throughout the Property. Vegetation below the 1,300 to 1,400 m treeline consists of a spruce, fir and birch with scrub birch, alder and willow along valley bottoms.



Photo 1: Physiography of the May Creek Property, looking southwest towards the McQuesten River.

5.0 PROPERTY DESCRIPTION

The Property consists of a large block of 162 contiguous quartz mineral claims. The Z-shaped claim block stretches about 7 km east-west, and 6.5 km north-south, covering an area of approximately 3,386 hectares in the Mayo Mining District (Figure 2). All claims are recorded in the name of Goldspike Exploration Inc of Toronto, Ontario, which owns 100% of the claims. A reconnaissance type geochemical and prospecting program was done on 110 of the claims as shown on Table 1, which lists the details of the claim tenures. Figure 2 shows the location of the claims.

Table 1: Claims comprising the May Creek Property.

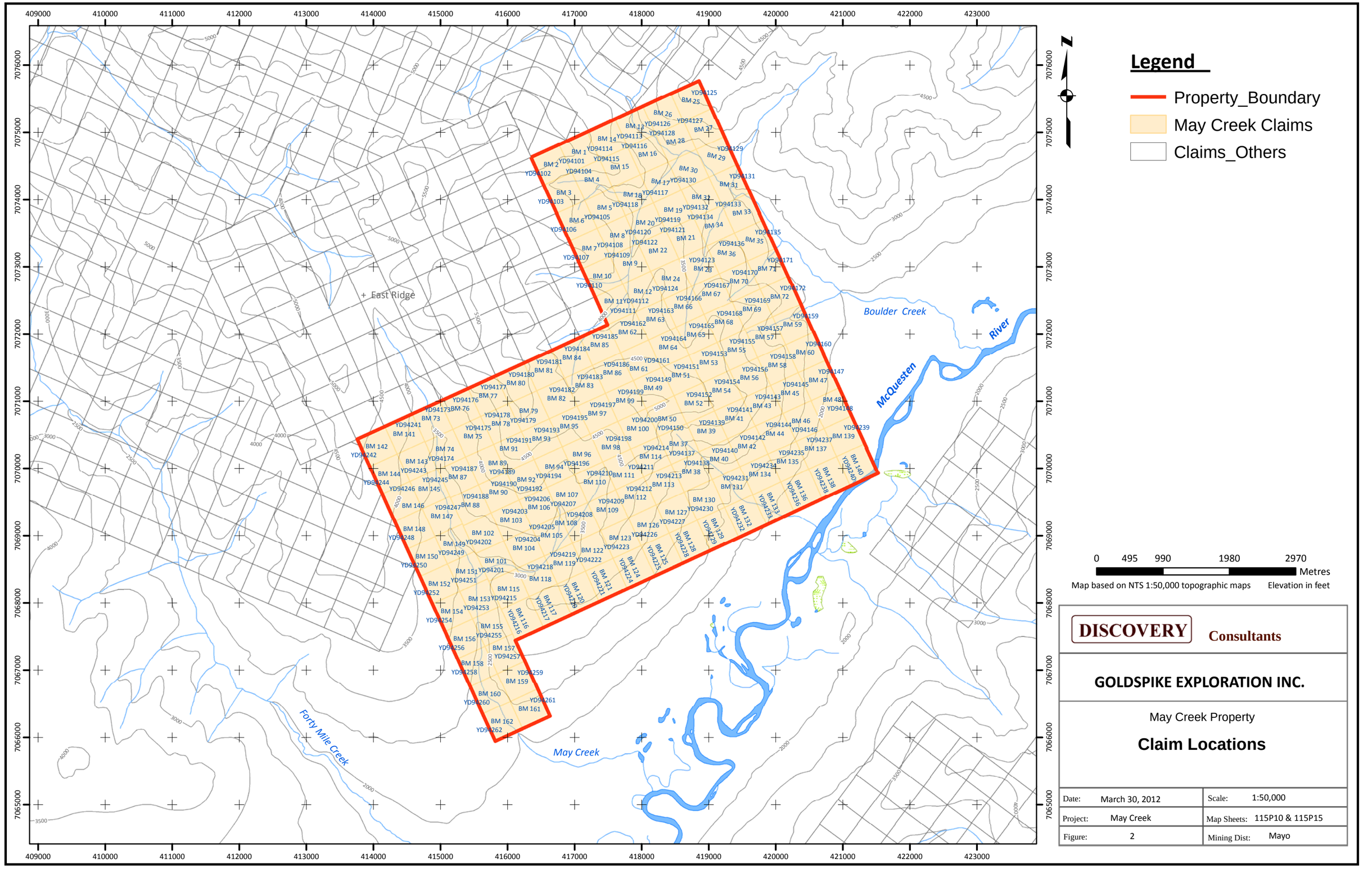
Claim Name	Claim No.	Grant Number	Claim Owner (100%)	NTS Map Number	Status	Claim Expiry Date
BM	1	YD94101	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	2	YD94102	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	3	YD94103	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	4	YD94104	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	5	YD94105	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	6	YD94106	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	7	YD94107	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	8	YD94108	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	9	YD94109	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	10	YD94110	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	11	YD94111	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	12	YD94112	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	13	YD94113	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	14	YD94114	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	15	YD94115	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	16	YD94116	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	17	YD94117	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	18	YD94118	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	19	YD94119	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	20	YD94120	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	21	YD94121	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	22	YD94122	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	23	YD94123	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	24	YD94124	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	25	YD94125	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	26	YD94126	Goldspike Exploration Inc.	115P15	Active	01/03/2017

BM	27	YD94127	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	28	YD94128	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	29	YD94129	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	30	YD94130	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	31	YD94131	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	32	YD94132	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	33	YD94133	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	34	YD94134	Goldspike Exploration Inc.	115P15	Active	01/03/2017
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BM	42	YD94142	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	43	YD94143	Goldspike Exploration Inc.	115P15	Active	01/03/2017
BM	44	YD94144	Goldspike Exploration Inc.	115P15	Active	01/03/2017
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BM	49	YD94149	Goldspike Exploration Inc.	115P15	Active	01/03/2017
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BM	61	YD94161	Goldspike Exploration Inc.	105P15	Active	01/03/2017
BM	62	YD94162	Goldspike Exploration Inc.	105P15	Active	01/03/2017
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BM	157	YD94257	Goldspike Exploration Inc.	115P10	*Pending*	01/03/2017
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BM	159	YD94259	Goldspike Exploration Inc.	115P10	*Pending*	01/03/2017
BM	160	YD94260	Goldspike Exploration Inc.	115P10	*Pending*	01/03/2017
BM	161	YD94261	Goldspike Exploration Inc.	115P10	*Pending*	01/03/2017
BM	162	YD94262	Goldspike Exploration Inc.	115P10	*Pending*	01/03/2017



DISCOVERY Consultants

GOLDSPIKE EXPLORATION INC.

May Creek Property

Claim Locations

Date:	March 30, 2012	Scale:	1:50,000
Project:	May Creek	Map Sheets:	115P10 & 115P15
Figure:	2	Mining Dist:	Mayo

6.0 PROPERTY HISTORY

The area has been explored for silver, lead, tin and tungsten since the 1920s. In 1922, prospectors N. Niddery and G. Ortell drove a short adit on a silver-lead showing east of May Creek, likely located on the current claim BM 77. Various other parties staked and re-staked claims in the area in subsequent years.

Zulco Explorations Ltd explored the May Creek - Boulder Creek area from 1962-1965 for copper-zinc mineralization. A trenching program outlined copper-zinc skarn and vein showings. The ground was optioned to Quintana Minerals Corp in 1971, which conducted geological mapping, rock chip sampling, soil surveying and a limited ground magnetometer survey. Elevated copper, zinc and tin values were found with a calc-silicate horizon located north of the current Property (AR 60145). The claims were allowed to lapse.

The Cortin Project (CCH Resources, INCO and Billiton Exploration Canada) explored the May Creek area for tin and tungsten from 1977 to 1981. The work led to the systematic exploration of the East Ridge (Tee), May Creek (Snark) and Boulder showings (ARs 90417, 90535, 90794, 90829, 91018), which likely had been initially explored by previous prospectors.

In 1985, Archer, Cathro and Associates (1981) Ltd discovered galena - sphalerite - arsenopyrite bearing carbonate vein float carrying 4,952 g/t Ag and 7.2 g/t Au, termed the Discovery zone west of May Creek. 1n 1986-1987, Silverquest Resources explored the area as the Quest and Silver claims (AR 91879, 92098), which comprised two non-contiguous claim blocks west and north of the current Property boundary. On the Quest Property, two areas of intensely altered carbonate vein fragments were found 1.5 km west of the Discovery zone. Composite samples from one site averaged 2,989 g/t Ag and 2.3% Pb; the other site averaged 2,363 g/t Ag and 4.1% Pb. Samples taken from the Silver claims had lower silver and lead values but higher gold and zinc values (up to 2.5 g/t Au and 1% Zn). Bulldozer trenching on the Quest property was done on seven trenches.

In 1991, Silverquest Resources changed its name to Cash Resources Inc and carried out a program of prospecting, and grid soil geochemical sampling. No further work was done until 1998, when rock samples from old trenches were re-analysed for gold (AR 93944).

Kokanee Explorations Ltd staked the Boulder property in 1991, which covered much of the current Property, and focussed their exploration on intrusion-hosted gold mineralization (AR 93093). In 1993, the company conducted geological mapping, prospecting and geochemical sampling. Fifteen rock samples were collected from the Boulder Creek granitic stock and from surrounding hornfelsed metasediments; all returned less than 15 ppb gold. The claims were allowed to lapse.

The upper reaches of May Creek was re-staked in 1997 and explored by Eagle Plains Resources and Miner Resources under a joint venture agreement. Intrusion-hosted gold was explored for

within the Bos stock and the East Ridge and May Creek showings were re-sampled. From 1997 to 2001, work included prospecting, rock chip sampling and gridded soil sampling. The Cluster Zone was discovered within the Bos stock, carrying gold value averaging 724 ppb Au, along with elevated arsenic, bismuth and tungsten. One sample from a narrow quartz-arsenopyrite vein yielded 8.3 g/t Au (AR 94057, 94211).

Prospector Shawn Ryan staked the adjoining May and Qu claims in January, 2004, which cover the East Ridge and May Creek showings.

In 2011 Goldspike Exploration Inc. performed an 11 day prospecting and soil sampling program on the property, outlining numerous geochemical anomalies (see Koffyberg, 2012).

7.0 GEOLOGY

7.1 Regional Geology

The Property lies within the western part of the Selwyn Basin of the Omineca Belt, and lies northeast of the Tintina Fault. The Selwyn Basin is of Late Proterozoic to Middle Paleozoic age and represents the western edge of ancestral North America. The Tintina Fault marks the boundary between strata of the ancestral North America to the northeast, and the high-grade metamorphic rocks of the allochthonous Yukon-Tanana terrane to the southwest.

Three large-scale thrust faults, named the Dawson, Tombstone and Robert Service Thrusts tilted the basinal sequences to the east in the Jurassic - Cretaceous (Murphy and Héon, 1994). The region that includes the Property lies in the hanging wall of the Robert Service thrust, which juxtaposed the Selwyn Basin rocks against Mississippian Keno Hill Quartzite.

The basinal rocks in the area comprise variably deformed and metamorphosed low- to very-low grade metasedimentary rocks of the Hyland Group, of Proterozoic to Paleozoic age (Figure 3). These are intruded and hornfelsed by non-foliated felsic rocks that range in composition from granite to granodiorite. Two suites of felsic intrusions are present: a northern suite of mid Cretaceous age and a southern suite of Late Cretaceous age (Murphy and Héon, 1994).

Mineral occurrences in the region are typically peripheral to the felsic intrusions and are of the following type:

- Au-Ag veins and breccias
- Ag-Pb-Zn veins and breccias
- Tourmaline breccias having Ag; Sn-Ag; and Sn-Ag-Au-W mineralization
- Skarns having Sn; Sn-Au; and W-Sn-Au mineralization

These occurrences are found as intrusion-related and as metasedimentary rock-hosted mineralization. Skarn mineralization occurs in calcareous rocks around the intrusions, including the Boulder Creek and Sunshine Creek stocks.

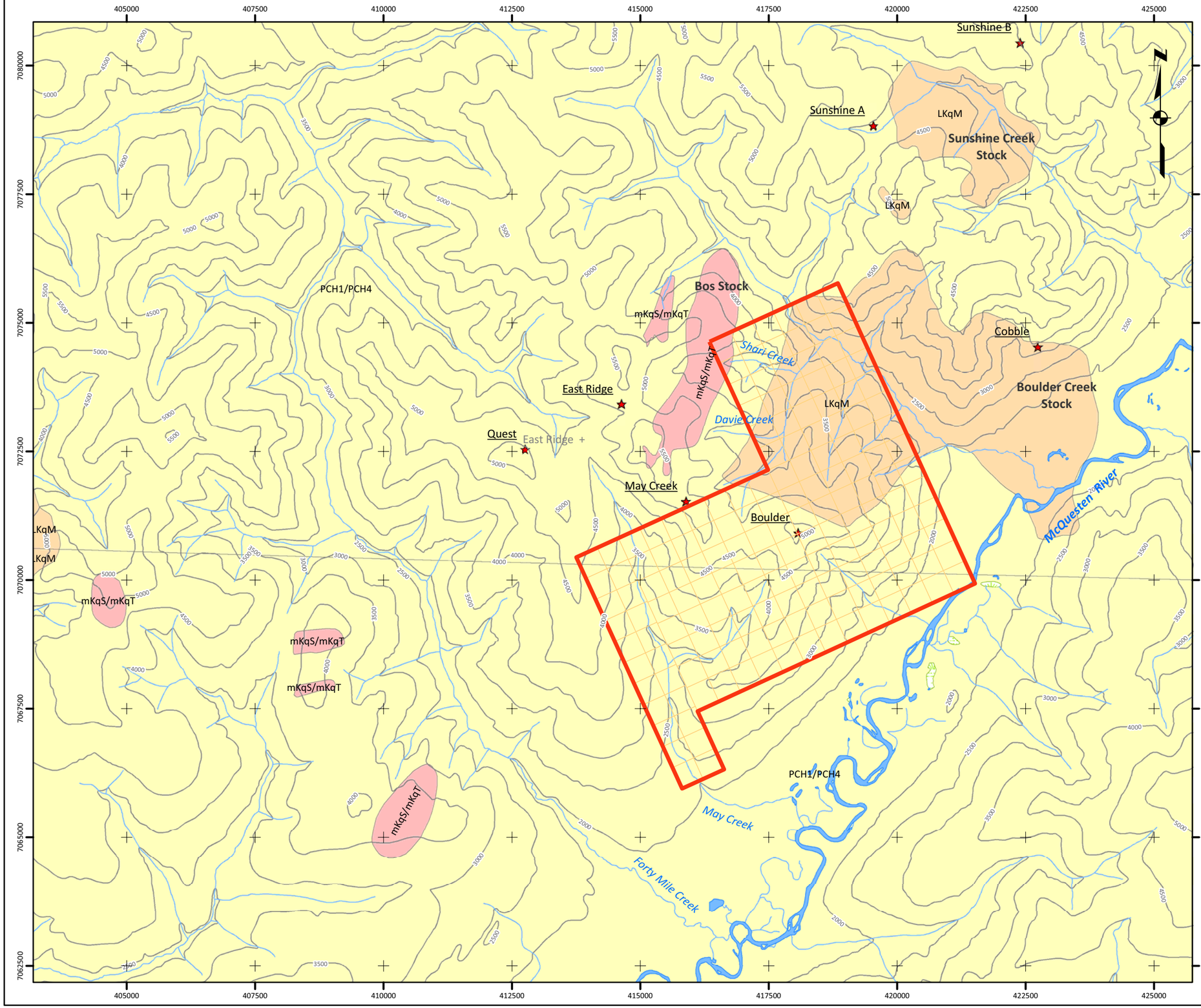
7.2 Property Geology

The Property is underlain by the Hyland Group of Late Proterozoic to Lower Cambrian age. In this region, it consists of the Yusezyu Formation, consisting of foliated and lineated sandstone, grit, green-grey phyllite, pebble conglomerate and calc-silicate rocks (Murphy and Héon, 1994). The rocks are of lower greenschist facies of regional metamorphism, characterized by the presence of fine-grained muscovite and chlorite. Near felsic intrusions, the pelitic rocks are metamorphosed to cherty reddish to maroon biotite hornfels. Biotite, andalusite, sillimanite, cordierite, staurolite, and chloritoid occur locally within the thermal aureoles. Calc-silicate rocks are metamorphosed to massive or banded quartz-actinolite-epidote - diopside calc-silicate hornfels or skarn.

Most felsic intrusions in the area are of Late Cretaceous age, and compositionally are a biotite-muscovite-bearing suite of granite to quartz monzonite intrusions. The Boulder Creek stock is 5 to 7 km in diameter, partially lies within the northern part of the Property, and consists of a coarse-grained megacrystic quartz monzonite. It consists primarily of a single phase, although minor amounts of pegmatitic veins and fine grained quartz monzonite dykes are found at the periphyry (AR 90794). The smaller Sunshine Creek stock lies a few kilometres to the north. A smaller, mid-Cretaceous quartz monzonite stock, termed the Bos stock, lies immediately north of the Property. This stock is part of the Tombstone suite of intrusions.

The East Ridge (Tee) and May Creek (Snark) showings (Minfiles 115P 008 and 056) are located about 2200 and 200 m, respectively, north of the Property boundary. The East Ridge showing consists of skarn with pyrrhotite, chalcopyrite and pyrite proximal to the granodiorite Bos stock. A rock sample assayed 845 Sn, 740 ppb Au, 2.38% Zn, 0.22% Cu and 16 ppm Ag. The May Creek showing, located 1.6 km to the southeast, consists of a skarn having pyrrhotite, chalcopyrite, galena, sphalerite, pyrite and scheelite at the margin of a rhyodacite dike. Three 5-m chip samples across a 15 m width, averaged 2,227 ppb Au, 28 ppm Ag, 1,210 ppm W, 951 ppm Sn, 5,553 ppm Cu and 3,740 ppm Pb.

The Boulder showing (Minfile 115P 024) is located within the Property on a ridge south of the Boulder Creek stock. Note that the coordinates given in Minfile places the occurrence about one km to the east, although historic trenches lie on the ridge. It is classified as a tin skarn with anomalous Ag, Sn, W, Au, Pb, Zn and Sb, as well as vein and breccias. Manganese-stained brecciated quartzite was mapped in several trenches; geochemical values of the reported mineralization are unknown.



Legend

Geology

Cretaceous

LKqM	granite/quartz monzonite
mKqS/mKqT	granite/quartz monzonite/ granodiorite

Proterozoic

Hyland Group

PCH1/PCH4	Phyllite/shale/sandstone/grit/ conglomerate/limestone

★ MinFile_Showings

0 750 1500 3000 4500 Metres

Map based on NTS 1:50,000 topographic maps Elevation in feet

DISCOVERY Consultants

GOLDSPIKE EXPLORATION INC.

May Creek Property

Regional Geology

Date:	March 30, 2012	Scale:	1:75,000
Project:	May Creek	Map Sheets:	115P10 & 115P15
Figure:	3	Mining Dist:	Mayo

8.0 2011 WORK PROGRAM

8.1 Sampling Method and Approach

A 1 day geochemical sampling program was conducted on the May Creek Property on June 23rd, 2012. Working out of a camp, a crew of 6 soil samplers, 2 prospectors and one geologist collected 199 soil samples and 33 rock samples (see Figure 4 for sample locations). A Hughs 500D helicopter was used for the duration of the program.

A ridge and spur soil sampling program was planned before field work was conducted. Using ArcGIS, soil sample traverses were plotted at 50m spacings and downloaded onto samplers' GPS units. Once in the field, samplers used Dutch augurs to collect an adequate soil sample from the 'C' horizon, placing it in a Kraft paper bag, marking the location with GPS, and marking the location with flagging tape labeled with the sample number. Sample conditions, environment and attributes were recorded in a field notebook. The GPS units were downloaded daily for plotting in ArcGIS. Soil samples were hung up to dry, then packed and shipped to the lab. Soil sample descriptions can be found in Appendix I.

Rock samples were taken based on mineralogy, structure and lithology. Samples were placed inside labeled plastic poly bags with the corresponding sample tag. Sample descriptions were recorded in a field notebook and the location recorded by GPS unit. Sample locations were marked with flagging tape labeled with the sample number. Rock sample descriptions can be found in Appendix II.

8.2 Sample Preparation, Analysis, and QA/QC

The soil and silt samples were dried at 60° C and sieved to -80 mesh (<177 microns). A 15.0 gram sub-sample was digested in hot (95° C) aqua regia (HCl-HNO3-H2O); following this, the samples were analysed by inductively-coupled plasma mass spectrometry (ICP-MS) techniques (Acme's Group 1DX2). Multi-elemental analysis of 36 elements was made.

The rock samples were crushed, split to 250 g, pulverized, and a split was sieved to -200 mesh. The same analytical procedure (Acme's Group 1DX2) was used.

Quality control samples from the lab include control blanks, duplicates and standards. Sample blanks (BLK), pulp duplicates and standards (STD DS8) were run with the batch analysis; no problems were noted with analytical accuracy or precision.

Soil and rock sample assay certificates can be found in Appendices III and IV.

8.3 Results

The 2012 work program had two objectives:

- To follow-up on a 1 g/t gold rock sample (amoung others) found during the 2011 program in the Shari Creek area (north end of the property), and
- To follow-up on silver, tungsten and other soil anomalies found during the 2011 program on the east end of the property.

During 2011, prospecting in the Shari Creek and Davie Creek areas yielded a sulfide-rich metasedimentary rock found within a scree field assaying 1007 ppb Au, 1039 ppm Cu, 4 ppm Ag, 20 ppm Bi, with elevated As and Te. Soils showed anomalous gold (over 28 ppb Au) and arsenic (up to 300 ppm As).

The 2012 follow-up program included a soil grid over the ridge as well as prospecting above the scree field where the 1 g/t Au sample was found. Soil sampling was limited by poor sampling conditions (lack of soil, difficult topography) which likely affected assay results. Eleven samples assayed between 10 and 20 ppb Au, however many samples showed slightly anomalous tungsten, arsenic and other base metal values. Prospecting yielded numerous samples of partial scarn and metasediments assaying anomalous values of gold, tungsten, tin, molybdenum and zinc. Sample 1205834, a metasedimentary partial scarn outcrop assayed 244 ppb Au, 1565 ppm Zn, and 35 ppm Zn (Photo 2). Scheelite was also observed in the outcrop (see Figures 5 to 7 for results maps).

During 2011 soil sampling towards the southeast end of the property yielded tungsten and silver anomalies. These areas were followed up upon with four soil sampling lines as well as prospecting outcrops and hand digging pits. Results show strongly anomalous silver values (up to 2.5 ppm Ag) especially nearing the bottom of the hill on the line second from the north (which coincide with results from a line sampled in 2011). Tungsten values are consistently and significantly anomalous on three of the four soil lines (up to 5.5 ppm W). Gold values reach up to 44 ppb Au but are rather sporadically located.

Prospecting uncovered skarnified intrusive talus, assaying 94.7 ppb Au, >100 ppm W, and 197 ppm Bi with elevated arsenic and copper values. Other samples from heavily oxidized granite outcrop closer to the bottom of the slope yielded anomalous copper values of 138 and 396 ppm Cu (samples 1205683 and 1205684). Rock sampling of quartz veins to the south yielded anomalous lead and zinc values but little else. Sampling of chips from hand dug pits near soil anomalies was unsuccessful.



Photo 2: Sample 1205834, a metasedimentary schist/partial scarn, assayed 244 ppb Au, 1565 ppm Zn, and 35 ppm Zn.



Photo 3: Sample 1205673, a skarnified intrusive, assayed 94.7 ppb Au, >100 ppm W, and 197 ppm Bi.

May Creek Property

Fig. 4: Sample Location Map

Goldspike Exploration Inc.

May Creek area,
Mayo Mining District

Legend

- ▲ Rock samples
- · Soil samples
- ——— May Creek claims

1:20,000

0 375 750 1,500 2,250 3,000 Meters

Date: November, 2012
Mapsheet: 115P15 and 115P10
Datum: UTM NAD83 Zone 8

May Creek Property

Fig. 5: Sample Geochemisty - Gold

Goldspike Exploration Inc.

May Creek area,
Mayo Mining District

Legend

▲ 2012 rock samples (ppb Au)

2012 soil samples

Au (ppb)

- 0.0 - 10.0
- 10.1 - 20.0
- 20.1 - 30.0
- 30.1 - 40.0
- 40.1 - 41.0

May Creek claims

1:20,000

0 375 750 1,500 2,250 3,000
Meters

Date: November, 2012
Mapsheet: 115P15 and 115P10
Datum: UTM NAD83 Zone 8

May Creek Property

Fig. 6: Sample Geochemisty - Silver

Goldspike Exploration Inc.

May Creek area,
Mayo Mining District

Legend

- 2012 rock samples (ppm Ag)

2012 soil samples

Ag (ppm)

- 0.1 - 0.2
- 0.3 - 0.5
- 0.6 - 1.1
- 1.2 - 1.6
- 1.7 - 2.5
- May Creek claims

1:20,000

0 375 750 1,500 2,250 3,000 Meters

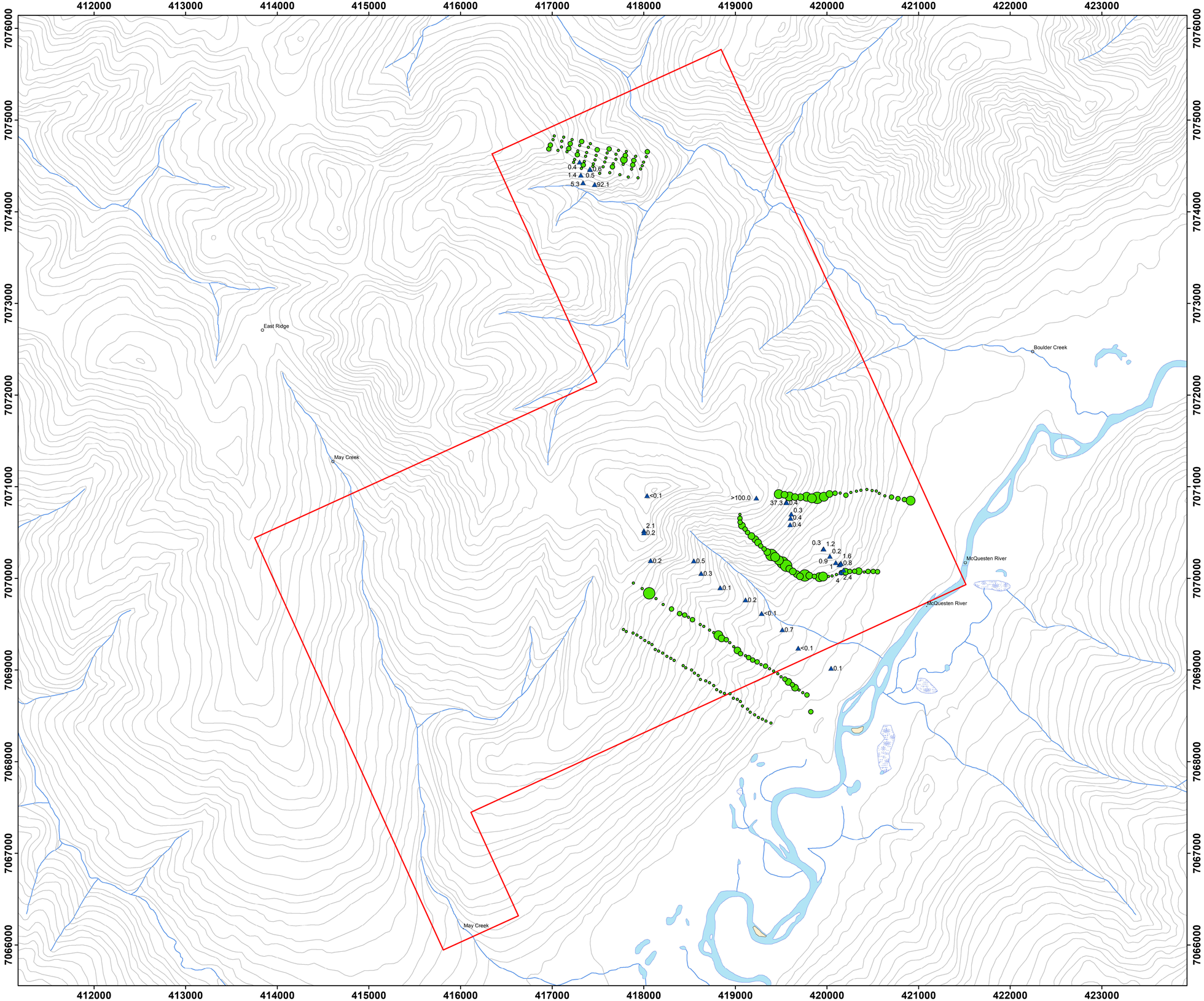
Date: November, 2012
Mapsheet: 115P15 and 115P10
Datum: UTM NAD83 Zone 8

May Creek Property

Fig. 7: Sample Geochemisty - Tungsten

Goldspike Exploration Inc.

May Creek area,
Mayo Mining District



Legend

- 2012 rock samples (ppm W)

2012 soil samples

W (ppm)

- 0.1 - 0.4
- 0.5 - 0.9
- 1.0 - 1.7
- 1.8 - 2.5
- 2.6 - 5.5
- May Creek claims

1:20,000

0 375 750 1,500 2,250 3,000
Meters

Date: November, 2012
Mapsheet: 115P15 and 115P10
Datum: UTM NAD83 Zone 8

9.0 CONCLUSIONS AND RECOMMENDATIONS

The May Creek Property is located in a geological setting favourable to intrusion-related gold deposits. The adjacent Tombstone-aged Bos Stock and the Late Cretaceous Boulder Creek Stock, as well as favourable historic work make it a desirable exploration target.

The Shari Creek area yielded limited significant results. Soil sampling was limited by lack of soil and high relief topography. Prospecting uncovered metasedimentary units assaying notable gold results in outcrop, which may indicate the source of the 1 g/t Au scree slope sample found in 2011 is nearby. Further prospecting and possibly blasting in the area may be necessary to gain further gold results.

The east end of the property shows significantly anomalous silver and tungsten values in soil. Copper, lead, zinc, bismuth, tin and gold are also weakly anomalous. The tungsten values may be due to underlying skarn in the area, however rock sampling did not show any anomalous silver. The area is too large to pick any one area to trench, in addition, soil creep may account for some displacement. A ground magnetic survey would likely be the most effective way to determine further targets in this area.

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Yukon Assessment Reports: 94211, 94057, 93944, 93925, 93093, 92098, 91879, 91018, 90829, 90794, 90535, 90512, 90417, 90388, 60145.

Yukon Regional Stream Sediment Geochemical Data, McQuesten Area, (NTS 115P); Yukon Geological Survey, Open File 2012-9

Yukon Minfile: 115P 008: East Ridge; 115P 024: Boulder; 115P 056: May Creek

STATEMENT OF EXPENDITURES

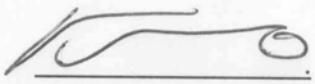
Costs associated with the May Creek Property
Worked June 23rd, 2012

WAGES	6 samples/junior geos	350/day	$2,100.00
	2 prospectors	400/day	$800.00
	cook	350/day	$350.00
	1 geologist	500/day	$500.00
TRANSPORT	helicopter	975/hr (3.5)	$3,412.00
	helicopter fuel		$700.00
	truck fuel		$50.00
	truck rental	150/day	$150.00
ASSAYS	soil sample assay	$18x199 samples	$3,582.00
	rock sample assay	$24x33 samples	$792.00
CAMP COSTS	food	35/man/day	$350.00
	camp gear and crew gear (generators, fuel drums, propane tanks, water pumps, water tank, hose, batteries, water heater, fridge, freezer, sinks, bbq, kitchen utensils, augers, gold pans, mesh seives, radios, gps, chopper flags, compasses, backpacks, hammers)		$800.00
	consumables (sample bags, tape, AA batteries, pens, markers, flagging tape, sample books, tags, bug spray)		$150.00
	tents and accommodations (8 canvas wall tents, frames, floors, cots, stoves, chimneys, tarps)		$800.00
	safety gear (fire extinguishers, shotgun, signage, stretcher, neck brace, oxygen tank, spill kit, first aid kits, bear spray, bear bangers)		$150.00
	communications (satellite internet, satellite phone)		$50.00
	assessment report		$2,000.00
	maps and drafting		$100.00
	TOTAL		**$16,836.00**

CERTIFICATE OF QUALIFICATIONS

I, Daniel Ferraro, of 835 Berkshire Dr., Woodstock, Ontario, Canada, certify that:

1. I am a graduate of Lakehead University, 2008, and a hold an H. B.Sc. Geology degree.
2. I am an independent geological consultant.
3. I am a member of the Ontario Prospectors Association (2010).
4. I have been employed as a geological assistant for the Ontario Geological Survey and the Geological Survey of Canada during the summers of, respectively, 2006 and 2007.
5. I have been working in the mineral exploration industry since 2008 for Pacific North West Capital Corporation, East West Resources Corporation, Rainy Mountain Royalty Corporation, Black Panther Mining Corporation, White Tiger Mining Corporation, Trillium North Minerals Ltd., Nebu Resources Inc., and Goldspike Exploration Inc.
6. This report was prepared by myself.
7. I have no personal knowledge from the date of this certificate of any material fact or change not reflected in this report.



Daniel Ferraro, H.B.Sc.

Date: Jan. 3rd, 2013

Appendix I: Soil Sample Descriptions

May Creek Property Sample Descriptions

UTM NAD 83 Zone 8

SOIL SAMPLES

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Sample Depth (cm)	Horizon	Colour	Composition						Parent Material	Moisture Content	Vegetation Cover	Topo Position
									Org-anics	Ang. Rock	Gra-vel	Sand	Silt	Clay				
1238731	417888	7069947	1342	23-Jun-12	BM	30-40	c	lt brown				50	50		weathered bedrock	dry	buck brush	ridge top
1238732	417985	7069887	1303	23-Jun-12	BM	20-30	c	lt brown				50	50		weathered bedrock	moist	buck brush	mid slope
1238733	418060	7069835	1270	23-Jun-12	BM	20-30	b/c	lt brown					50	50	weathered bedrock	moist	buck brush	mid slope
1238734	418136	7069779	1218	23-Jun-12	BM	40-50	c	lt brown				60	40		weathered bedrock	dry	buck brush	mid slope
1238735	418214	7069714	1186	23-Jun-12	BM	40-50	c	lt brown				60	40		weathered bedrock	moist	buck brush	mid slope
1238736	418306	7069665	1145	23-Jun-12	BM	60-70	c	lt brown				60	40		weathered bedrock	moist	deciduous forest	mid slope
1238737	418394	7069614	1103	23-Jun-12	BM	30-40	c	lt brown				50	50		weathered bedrock	moist	deciduous forest	mid slope
1238738	418450	7069599	1076	23-Jun-12	BM	60-70	c	lt brown				70	30		weathered bedrock	moist	deciduous forest	mid slope
1238739	418489	7069574	1060	23-Jun-12	BM	20-30	c	lt brown				70	30		weathered bedrock	moist	deciduous forest	mid slope
1238740	418534	7069548	1043	23-Jun-12	BM	30-40	c	lt brown				60	40		weathered bedrock	moist	evergreen forest	mid slope
1238741	418619	7069496	995	23-Jun-12	BM	50-60	c	lt brown				50	50		weathered bedrock	moist	deciduous forest	mid slope
1238742	418656	7069474	981	23-Jun-12	BM	50-60	c	lt brown		20		60	20		weathered bedrock	saturated	deciduous forest	mid slope
1238743	418719	7069434	957	23-Jun-12	BM	30-40	c	lt brown				60	40		weathered bedrock	moist	evergreen forest	mid slope
1238744	418766	7069407	940	23-Jun-12	BM	40-50	c	lt brown				50	50		weathered bedrock	moist	evergreen forest	mid slope
1238745	418817	7069379	921	23-Jun-12	BM	60-70	c	lt brown				100			weathered bedrock	saturated	evergreen forest	mid slope
1238746	418853	7069342	907	23-Jun-12	BM	40-50	c	lt brown				60	40		weathered bedrock	moist	evergreen forest	mid slope
1238747	418903	7069330	892	23-Jun-12	BM	50-60	c	lt brown				60	40		weathered bedrock	moist	deciduous forest	mid slope
1238748	418941	7069297	885	23-Jun-12	BM	70-80	c	lt brown				40	60		weathered bedrock	moist	deciduous forest	mid slope
1238750	418984	7069254	871	23-Jun-12	BM	40-50	c	lt brown				40	60		weathered bedrock	moist	deciduous forest	mid slope
1238751	419025	7069213	854	23-Jun-12	BM	30-40	c	lt brown		20		60	20		weathered bedrock	dry	deciduous forest	mid slope
1238752	419058	7069177	832	23-Jun-12	BM	40-50	c	lt brown				70	30		weathered bedrock	moist	deciduous forest	mid slope
1238753	419112	7069155	816	23-Jun-12	BM	50-60	c	lt brown				60	40		weathered bedrock	moist	deciduous forest	mid slope
1238754	419147	7069135	796	23-Jun-12	BM	70-80	c	lt brown				50	50		weathered bedrock	moist	evergreen forest	mid slope
1238755	419191	7069108	785	23-Jun-12	BM	60-70	c	lt brown				50	50		weathered bedrock	moist	evergreen forest	mid slope
1238756	419240	7069087	766	23-Jun-12	BM	40-50	c	lt brown				60	40		weathered bedrock	moist	deciduous forest	mid slope
1238757	419282	7069058	749	23-Jun-12	BM	40-50	c	lt brown				60	40		weathered bedrock	moist	deciduous forest	mid slope
1238758	419331	7069041	729	23-Jun-12	BM	50-60	c	lt brown				60	40		weathered bedrock	moist	deciduous forest	mid slope
1238759	419375	7069012	702	23-Jun-12	BM	30-40	c	lt brown				40	60		weathered bedrock	dry	deciduous forest	mid slope
1238760	419419	7068987	678	23-Jun-12	BM	30-40	c	lt brown				40	60		weathered bedrock	dry	deciduous forest	mid slope
1238761	419465	7068959	653	23-Jun-12	BM	20-30	c	lt brown				40	60		weathered bedrock	dry	deciduous forest	mid slope
1238762	419500	7068925	636	23-Jun-12	BM	30-40	c	lt brown				50	50		weathered bedrock	dry	evergreen forest	mid slope
1238763	419543	7068899	624	23-Jun-12	BM	30-40	c	lt brown				70	30		weathered bedrock	moist	evergreen forest	mid slope
1238764	419582	7068869	612	23-Jun-12	BM	60-70	c	lt brown				40	60		weathered bedrock	moist	evergreen forest	mid slope
1238765	419624	7068839	610	23-Jun-12	BM	40-50	c	lt brown				40	60		weathered bedrock	moist	deciduous forest	mid slope
1238766	419652	7068806	598	23-Jun-12	BM	40-50	c	lt brown				50	50		weathered bedrock	dry	deciduous forest	mid slope
1238767	419697	7068781	594	23-Jun-12	BM	40-50	c	lt brown				40	60		weathered bedrock	moist	deciduous forest	mid slope
1238768	419738	7068753	591	23-Jun-12	BM	70-80	c	lt brown				40	60		weathered bedrock	moist	deciduous forest	mid slope
1238769	419783	7068727	584	23-Jun-12	BM	40-50	c	lt brown				40	60		weathered bedrock	dry	deciduous forest	mid slope
1238770	419825	7068544	571	23-Jun-12	BM	40-50	c	lt brown				40	60		weathered bedrock	dry	evergreen forest	valley bottom
1239734	417012	7074785	1367	23-Jun-12	BM	50-60	b/c	lt brown	5					95	weathered bedrock	moist	evergreen forest	mid slope
1239735	417024	7074826	1359	23-Jun-12	BM	20-30	b/c	lt brown	5					95	weathered bedrock	dry	evergreen forest	mid slope
1239736	417106	7074768	1317	23-Jun-12	BM	20-30	b/c	dk brown	10					90	weathered bedrock	moist	evergreen forest	mid slope
1239737	417127	7074812	1301	23-Jun-12	BM	20-30	b/c	dk brown	5					95	weathered bedrock	dry	evergreen forest	mid slope
1239738	417200	7074741	1265	23-Jun-12	BM	20-30	b/c	lt brown	5					95	weathered bedrock	dry	evergreen forest	mid slope
1239739	417220	7074784	1251	23-Jun-12	BM	60-70	c	lt grey						100	weathered bedrock	moist	evergreen forest	mid slope
1239740	417302	7074720	1215	23-Jun-12	BM	20-30	b/c	dk brown	10					90	weathered bedrock	moist	evergreen forest	mid slope
1239741	417324	7074764	1191	23-Jun-12	BM	50-60	b/c	lt brown	5					95	weathered bedrock	moist	evergreen forest	mid slope
1239742	417398	7074702	1193	23-Jun-12	BM	30-40	c		5	10				85	weathered bedrock	moist	evergreen forest	mid slope
1239743	417420	7074740	1171	23-Jun-12	BM	30-40	b/c	dk brown	10					90	weathered bedrock	moist	evergreen forest	mid slope
1239744	417494	7074675	1192	23-Jun-12	BM	10-20	b/c	lt brown	10	10				80	weathered bedrock	moist	evergreen forest	mid slope
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1239747	417698	7074626	1157	23-Jun-12	BM	30-40	c	lt brown						100	weathered bedrock	moist	evergreen forest	mid slope

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Sample Depth (cm)	Horizon	Colour	Composition						Parent Material	Moisture Content	Vegetation Cover	Topo Position
									Org-anics	Ang. Rock	Gra-vel	Sand	Silt	Clay				
1239748	417727	7074668	1131	23-Jun-12	BM	30-40	c	lt brown						100	weathered bedrock	moist	evergreen forest	mid slope
1239749	417801	7074612	1116	23-Jun-12	BM	20-30	c	lt brown						100	weathered bedrock	partially frozen	evergreen forest	mid slope
1239750	417813	7074656	1103	23-Jun-12	BM	20-30	b/c	lt brown						100	weathered bedrock	moist	evergreen forest	mid slope
1239751	417914	7074604	1089	23-Jun-12	BM	30-40	c	dk brown						100	weathered bedrock	moist	evergreen forest	mid slope
1239752	418028	7074599	1045	23-Jun-12	BM	30-40	c	lt brown						100	weathered bedrock	dry	evergreen forest	mid slope
1239753	418041	7074653	1021	23-Jun-12	BM	10-20	c	lt brown		30				70	weathered bedrock	moist	evergreen forest	mid slope
1239754	417969	7074465	1100	23-Jun-12	BM	40-50	c	lt brown						100	weathered bedrock	dry	evergreen forest	mid slope
1239755	417869	7074463	1137	23-Jun-12	BM	10-20	b/c	dk brown	10	10		40		40	weathered bedrock	dry	evergreen forest	mid slope
1239756	417659	7074488	1203	23-Jun-12	BM	20-30	b/c	dk brown	10					90	weathered bedrock	moist	evergreen forest	mid slope
1239757	417558	7074489	1229	23-Jun-12	BM	30-40	c	lt brown						100	weathered bedrock	moist	evergreen forest	mid slope
1239758	417452	7074520	1250	23-Jun-12	BM	30-40	c	lt brown						100	weathered bedrock	moist	evergreen forest	mid slope
1239759	417353	7074548	1262	23-Jun-12	BM	30-40	b/c	dk brown	10			30		40	weathered bedrock	dry	evergreen forest	mid slope
1239760	417246	7074569	1281	23-Jun-12	BM	30-40	b/c	dk brown	10					90	weathered bedrock	moist	evergreen forest	mid slope
1239761	417236	7074538	1275	23-Jun-12	BM	70-80	c	lt brown						100	weathered bedrock	dry	evergreen forest	mid slope
1239905	417781	7069441	1292	23-Jun-12	BM	10-20		lt brown		20		80			weathered bedrock	dry	evergreen forest	ridge top
1239906	417811	7069419	1285	23-Jun-12	BM	30-40	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	ridge top
1239907	417885	7069402	1258	23-Jun-12	BM	20-30		lt brown		20		80			weathered bedrock	dry	evergreen forest	ridge top
1239908	417928	7069380	1232	23-Jun-12	BM	20-30	c	lt brown		10		90			weathered bedrock	dry	evergreen forest	mid slope
1239909	417970	7069352	1215	23-Jun-12	BM	20-30	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1239910	418014	7069320	1187	23-Jun-12	BM	10-20	c	lt brown		10		90			weathered bedrock	dry	evergreen forest	mid slope
1239911	418058	7069297	1155	23-Jun-12	BM	10-20	c	lt brown		10		90			weathered bedrock	dry		mid slope
1239912	418092	7069277	1142	23-Jun-12	BM	10-20	c	lt brown	20			80			weathered bedrock	dry	evergreen forest	mid slope
1239913	418126	7069223	1118	23-Jun-12	BM	20-30	c	lt brown		10		90			weathered bedrock	dry	evergreen forest	mid slope
1239914	418165	7069206	1101	23-Jun-12	BM	30-40	c	lt brown		10		90			weathered bedrock	dry	evergreen forest	mid slope
1239915	418208	7069184	1083	23-Jun-12	BM	40-50		lt brown		13		87			weathered bedrock	dry	evergreen forest	mid slope
1239916	418254	7069148	1061	23-Jun-12	BM	30-40	c	lt brown		10		90			weathered bedrock	dry	evergreen forest	mid slope
1239917	418298	7069126	1036	23-Jun-12	BM	40-50	c	lt brown		12		88			weathered bedrock	dry	evergreen forest	mid slope
1239918	418334	7069103	1020	23-Jun-12	BM	30-40	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1239919	418333	7069104		23-Jun-12	BM	20-30	c	lt brown		19		81			weathered bedrock	dry	evergreen forest	mid slope
1239920	418432	7069046	992	23-Jun-12	BM	20-30	c	lt brown		20		80			weathered bedrock	dry	deciduous forest	mid slope
1239921	418460	7069023	979	23-Jun-12	BM	40-50	c	lt brown		10		90			weathered bedrock	dry	deciduous forest	mid slope
1239922	418523	7068999	958	23-Jun-12	BM	20-30	c	lt brown		20		80			weathered bedrock	dry	deciduous forest	mid slope
1239923	418556	7068966	943	23-Jun-12	BM	40-50	c	lt brown		15		85			weathered bedrock	dry	deciduous forest	mid slope
1239924	418596	7068939	925	23-Jun-12	BM	30-40	c	lt brown		10		90			weathered bedrock	dry	deciduous forest	mid slope
1239925	418620	7068896	910	23-Jun-12	BM	30-40	c	lt brown		10		90			weathered bedrock	dry	deciduous forest	mid slope
1239926	418677	7068880	893	23-Jun-12	BM	30-40	c	lt brown		10		90			weathered bedrock	dry	deciduous forest	mid slope
1239927	418719	7068860	875	23-Jun-12	BM	30-40	c	lt brown		10		90			weathered bedrock	dry	deciduous forest	mid slope
1239928	418765	7068830	862	23-Jun-12	BM	30-40	c	lt brown		5		95			weathered bedrock	dry	deciduous forest	mid slope
1239929	418798	7068783	846	23-Jun-12	BM	20-30	c	lt brown				100			weathered bedrock	partially frozen	deciduous forest	mid slope
1239930	418840	7068761	835	23-Jun-12	BM	30-40	b/c	lt brown	30	30		40			weathered bedrock	dry	deciduous forest	mid slope
1239931	418882	7068743	823	23-Jun-12	BM	20-30	b/c	black	30			40		30	weathered bedrock	partially frozen	deciduous forest	mid slope
1239932	418943	7068740	808	23-Jun-12	BM	30-40	b/c	black		5		95			weathered bedrock	partially frozen	deciduous forest	mid slope
1239933	418980	7068691	793	23-Jun-12	BM	20-30	b/c	black	40	10		50			weathered bedrock	dry	deciduous forest	mid slope
1239934	419022	7068679	772	23-Jun-12	BM	20-30	c	lt brown				100			weathered bedrock	dry	deciduous forest	mid slope
1239935	419057	7068655	744	23-Jun-12	BM	30-40	b/c	lt brown	20			80			weathered bedrock	dry	deciduous forest	mid slope
1239936	419080	7068607	729	23-Jun-12	BM	20-30	c	lt brown		20		80			weathered bedrock	dry	deciduous forest	mid slope
1239937	419135	7068572	703	23-Jun-12	BM	40-50	c	lt brown		10		90			weathered bedrock	dry	deciduous forest	mid slope
1239938	419164	7068538	680	23-Jun-12	BM	40-50	c	lt brown		40		60			weathered bedrock	dry	deciduous forest	mid slope
1239939	419213	7068510	657	23-Jun-12	BM	60-70		lt brown		20		80			weathered bedrock	dry	deciduous forest	mid slope
1239940	419253	7068480	638	23-Jun-12	BM	40-50	c	lt brown		20		80			weathered bedrock	dry	deciduous forest	mid slope
1239941	419297	7068462	617	23-Jun-12	BM	30-40	c	lt brown		30		70			weathered bedrock	moist	deciduous forest	mid slope
1239942	419336	7068441	601	23-Jun-12	BM	20-30	b/c	black	40	10		50			weathered bedrock	dry	deciduous forest	mid slope
1239943	419391	7068420	578	23-Jun-12	BM	30-40	b/c	lt brown	20	20		60			weathered bedrock	moist	evergreen forest	valley bottom
1240128	416966	7074683	1405	23-Jun-12	BM	0-10	b	lt brown	60					40	talus	dry	buck brush	ridge top
1240129	416982	7074725	1384	23-Jun-12	BM	10-20	b	lt brown	60					40	talus	dry	evergreen forest	mid slope
1240130	417065	7074669	1347	23-Jun-12	BM	10-20	b	lt brown	60					40	talus	moist	evergreen forest	mid slope
1240131	417104	7074706	1319	23-Jun-12	BM	0-10	b	lt brown	60					40	talus	dry	evergreen forest	mid slope
1240132	417163	7074652	1304	23-Jun-12	BM	10-20	b	dk brown	60					40	talus	dry	evergreen forest	mid slope
1240133	417184	7074689	1275	23-Jun-12	BM	20-30	b	dk brown	60					40	talus	moist	evergreen forest	mid slope
1240134	417277	7074620	1275	23-Jun-12	BM	30-40	b	dk brown	30					70	talus	moist	evergreen forest	mid slope

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Sample Depth (cm)	Horizon	Colour	Composition						Parent Material	Moisture Content	Vegetation Cover	Topo Position
									Org-anics	Ang. Rock	Gra-vel	Sand	Silt	Clay				
1240135	417283	7074662	1230	23-Jun-12	BM	20-30	b	dk brown	40					60	talus	moist	evergreen forest	mid slope
1240136	417366	7074604	1236	23-Jun-12	BM	30-40	b/c	dk brown	30					70	talus	moist	evergreen forest	mid slope
1240137	417379	7074644	1220	23-Jun-12	BM	30-40	b/c	dk brown	30	10				60	talus	moist	evergreen forest	mid slope
1240138	417470	7074565	1237	23-Jun-12	BM	10-20	b	dk brown	60					40	talus	moist	evergreen forest	mid slope
1240139	417482	7074615	1214	23-Jun-12	BM	10-20	b	dk brown	30	20				50	talus	moist	evergreen forest	mid slope
1240140	417576	7074541	1227	23-Jun-12	BM	30-40	b/c	lt brown	10	10				80	weathered bedrock	moist	evergreen forest	mid slope
1240141	417589	7074585	1214	23-Jun-12	BM	40-50	b/c	dk brown	10	10				80	talus	moist	evergreen forest	mid slope
1240142	417669	7074523	1198	23-Jun-12	BM	20-30	b	dk brown	50					50	talus	moist	evergreen forest	mid slope
1240143	417698	7074571	1165	23-Jun-12	BM	10-20	b	dk brown	50					50	talus	moist	evergreen forest	mid slope
1240144	417776	7074516	1155	23-Jun-12	BM	30-40	b	dk brown	40					60	talus	moist	evergreen forest	mid slope
1240145	417785	7074564	1139	23-Jun-12	BM	30-40	b/c	dk brown	20	20				60	talus	moist	evergreen forest	mid slope
1240146	417882	7074509	1122	23-Jun-12	BM	20-30	b	dk brown	50					50	talus	moist	evergreen forest	mid slope
1240147	417894	7074557	1105	23-Jun-12	BM	30-40	b/c	dk brown	10	20				70	talus	moist	evergreen forest	mid slope
1240148	417999	7074540	1070	23-Jun-12	BM	30-40	c	lt brown		20				80	weathered bedrock	moist	evergreen forest	mid slope
1240149	417985	7074500	1077	23-Jun-12	BM	20-30	b	lt brown	40	20				40	talus	moist	evergreen forest	mid slope
1240150	417939	7074369	1108	23-Jun-12	BM	30-40	c	lt brown	5					95	weathered bedrock	moist	evergreen forest	mid slope
1240151	417833	7074376	1163	23-Jun-12	BM	50-60	c	lt brown						100	weathered bedrock	moist	evergreen forest	mid slope
1240152	417742	7074402	1183	23-Jun-12	BM	10-20	c	yel-orange		20				80	weathered bedrock	dry	evergreen forest	ridge top
1240153	417631	7074425	1223	23-Jun-12	BM	20-30	b/c	yel-orange	10	10				80	talus	moist	evergreen forest	ridge top
1240154	417521	7074418	1247	23-Jun-12	BM	20-30	b	dk brown	50					50	talus	moist	evergreen forest	ridge top
1240155	417447	7074494	1254	23-Jun-12	BM	30-40	c	yel-orange	5	10				85	weathered bedrock	moist	evergreen forest	mid slope
1240156	417342	7074509	1256	23-Jun-12	BM	10-20	b	dk brown	60	10				30	talus	dry	evergreen forest	mid slope
1240157	417321	7074471	1231	23-Jun-12	BM	10-20	a/b	dk brown	70					30	talus	dry	evergreen forest	mid slope
1238161	419474	7070918	1237	23-Jun-12	BM	10-20	c	yel-orange	10					90	weathered bedrock	dry	buck brush	ridge top
1238162	419537	7070910	1208	23-Jun-12	BM	20-30	c	yel-orange	30				70		weathered bedrock	dry	buck brush	mid slope
1238163	419592	7070891	1166	23-Jun-12	BM	20-30	c	yel-orange	20				80		weathered bedrock	dry	buck brush	mid slope
1238164	419652	7070886	1141	23-Jun-12	BM	30-40	c	yel-orange	20			20	60		weathered bedrock	dry	buck brush	mid slope
1238165	419712	7070884	1106	23-Jun-12	BM	30-40	c	yel-orange	20	10			70		weathered bedrock	dry	deciduous forest	mid slope
1238166	419780	7070889	1070	23-Jun-12	BM	30-40	c	yel-orange	30				70		weathered bedrock	dry	evergreen forest	mid slope
1238167	419837	7070872	1041	23-Jun-12	BM	30-40	c	yel-orange	30				70		weathered bedrock	dry	evergreen forest	mid slope
1238168	419894	7070876	1009	23-Jun-12	BM	30-40	c	olive grey	20				80		weathered bedrock	dry	deciduous forest	mid slope
1238169	419968	7070888	986	23-Jun-12	BM	30-40	c	yel-orange	30				70		weathered bedrock	dry	deciduous forest	mid slope
1238170	420029	7070918	968	23-Jun-12	BM	20-30	c	yel-orange	20				80		weathered bedrock	dry	deciduous forest	mid slope
1238171	420089	7070928	937	23-Jun-12	BM	30-40	c	yel-orange	30				70		weathered bedrock	dry	deciduous forest	mid slope
1238172	420145	7070929	908	23-Jun-12	BM	30-40	c	yel-orange	30				70		weathered bedrock	dry	evergreen forest	mid slope
1238173	420209	7070906	879	23-Jun-12	BM	20-30	c	yel-orange	30				70		weathered bedrock	dry	evergreen forest	mid slope
1238174	420262	7070937	856	23-Jun-12	BM	40-50	c	yel-orange	30				70		weathered bedrock	dry	evergreen forest	mid slope
1238175	420324	7070949	830	23-Jun-12	BM	30-40	c	yel-orange	30	10			60		weathered bedrock	dry	evergreen forest	mid slope
1238176	420373	7070960	810	23-Jun-12	BM	30-40	c	yel-orange			70		30		weathered bedrock	moist	evergreen forest	mid slope
1238177	420436	7070968	783	23-Jun-12	BM	30-40	c	yel-orange	20				80		weathered bedrock	dry	evergreen forest	mid slope
1238178	420494	7070957	0	23-Jun-12	BM	30-40	c	yel-orange				30	70		weathered bedrock	dry	evergreen forest	mid slope
1238179	420540	7070952	0	23-Jun-12	BM	30-40	c	yel-orange	20				80		weathered bedrock	dry	evergreen forest	mid slope
1238180	420573	7070927	680	23-Jun-12	BM	30-40	c	yel-orange	20				80		weathered bedrock	dry	evergreen forest	mid slope
1238181	420633	7070899	637	23-Jun-12	BM	30-40	c	yel-orange	30				70		weathered bedrock	dry	evergreen forest	mid slope
1238182	420706	7070886	623	23-Jun-12	BM	30-40	c	yel-orange				20	80		weathered bedrock	dry	deciduous forest	valley bottom
1238183	420778	7070869	604	23-Jun-12	BM	30-40	c	olive grey	10				90		weathered bedrock	dry	evergreen forest	valley bottom
1238184	420847	7070858	578	23-Jun-12	BM	40-50	c	yel-orange		10			90		weathered bedrock	dry	deciduous forest	valley bottom
1238185	420914	7070846	569	23-Jun-12	BM	40-50	c	olive grey			70	30			weathered bedrock	saturated	evergreen forest	valley bottom
1239389	419052	7070696	1297	23-Jun-12	BM	50-60	c	lt brown				30	40	30	weathered bedrock	dry	buck brush	mid slope
1239390	419051	7070654	1271	23-Jun-12	BM	40-50	c	lt brown				30	40	30	weathered bedrock	dry	buck brush	mid slope
1239391	419053	7070612	1250	23-Jun-12	BM	>80	c	lt brown				30	40	30	weathered bedrock	dry	buck brush	mid slope
1239392	419074	7070574	1227	23-Jun-12	BM	50-60	b/c	lt brown	10			30	30	30	weathered bedrock	moist	buck brush	mid slope
1239393	419107	7070536	1208	23-Jun-12	BM	30-40	c	lt brown				30	40	30	weathered bedrock	moist	deciduous forest	mid slope
1239394	419135	7070498	1189	23-Jun-12	BM	40-50	b	dk brown				30	40	30	weathered bedrock	partially frozen	buck brush	mid slope
1239395	419176	7070461	1169	23-Jun-12	BM	40-50	c	lt brown				40	30	30	weathered bedrock	moist	deciduous forest	mid slope
1239396	419219	7070424	1144	23-Jun-12	BM	40-50	c	lt brown				30	40	30	weathered bedrock	dry	deciduous forest	mid slope
1239397	419249	7070389	1115	23-Jun-12	BM	40-50	c	lt brown				30	40	30	weathered bedrock	dry	deciduous forest	mid slope
1239398	419279	7070352	1088	23-Jun-12	BM	40-50	c	lt brown				30	40	30	weathered bedrock	dry	deciduous forest	mid slope
1239399	419315	7070319	1060	23-Jun-12	BM	30-40	c	lt brown				30	40	30	weathered bedrock	moist	deciduous forest	mid slope
1239400	419350	7070285	1037	23-Jun-12	BM	40-50	b	dk brown				30	30	40	weathered bedrock	moist	evergreen forest	mid slope

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Sample Depth (cm)	Horizon	Colour	Composition						Parent Material	Moisture Content	Vegetation Cover	Topo Position
									Org-anics	Ang. Rock	Gra-vel	Sand	Silt	Clay				
1239401	419396	7070254	1015	23-Jun-12	BM	50-60	c	lt brown				40	30	30	weathered bedrock	moist	evergreen forest	mid slope
1239402	419437	7070232	990	23-Jun-12	BM	50-60	c	lt brown				50	30	20	weathered bedrock	dry	evergreen forest	mid slope
1239403	419476	7070196	964	23-Jun-12	BM	30-40	c	lt brown				40	30	30	weathered bedrock	dry	evergreen forest	mid slope
1239404	419517	7070170	947	23-Jun-12	BM	40-50	c	lt brown				30	40	30	weathered bedrock	dry	evergreen forest	mid slope
1239405	419557	7070136	926	23-Jun-12	BM	40-50	c	lt brown				30	40	30	weathered bedrock	dry	evergreen forest	mid slope
1239406	419590	7070104	900	23-Jun-12	BM	50-60	c	lt brown				40	30	30	weathered bedrock	dry	evergreen forest	mid slope
1239407	419630	7070074	876	23-Jun-12	BM	50-60	c	lt brown				40	30	30	weathered bedrock	dry	evergreen forest	mid slope
1239408	419671	7070045	852	23-Jun-12	BM	40-50	c	lt brown				40	30	30	weathered bedrock	dry	deciduous forest	mid slope
1239409	419706	7070020	833	23-Jun-12	BM	30-40	c	lt brown				40	30	30	weathered bedrock	dry	deciduous forest	mid slope
1239410	419760	7070030	816	23-Jun-12	BM	30-40	c	lt brown				40	30	30	weathered bedrock	dry	deciduous forest	mid slope
1239411	419808	7070029	800	23-Jun-12	BM	40-50	c	lt brown				40	30	30	weathered bedrock	dry	deciduous forest	mid slope
1239412	419864	7070021	782	23-Jun-12	BM	40-50	c	lt brown				50	30	20	weathered bedrock	dry	deciduous forest	mid slope
1239413	419920	7070011	774	23-Jun-12	BM	40-50	c	lt brown				40	30	30	weathered bedrock	dry	deciduous forest	mid slope
1239414	419959	7070018	765	23-Jun-12	BM	20-30	b/c	dk brown	10			30	30	30	weathered bedrock	dry	deciduous forest	mid slope
1239415	420018	7070021	756	23-Jun-12	BM	40-50	c	lt brown				30	40	30	weathered bedrock	dry	deciduous forest	mid slope
1239416	420058	7070026	750	23-Jun-12	BM	70-80	c	lt brown				40	30	30	weathered bedrock	moist	deciduous forest	mid slope
1239417	420106	7070040	743	23-Jun-12	BM	40-50	c	lt brown				40	30	30	weathered bedrock	dry	deciduous forest	mid slope
1239418	420158	7070061	734	23-Jun-12	BM	20-30	b/c	dk brown	10			30	30	30	weathered bedrock	dry	deciduous forest	mid slope
1239419	420206	7070071	710	23-Jun-12	BM	50-60	c	lt brown				40	30	30	weathered bedrock	dry	evergreen forest	mid slope
1239420	420250	7070074	691	23-Jun-12	BM	40-50	b/c	dk brown				40	30	30	weathered bedrock	partially frozen	evergreen forest	mid slope
1239421	420303	7070076	673	23-Jun-12	BM	50-60	c	lt brown				30	30	40	weathered bedrock	partially frozen	evergreen forest	mid slope
1239422	420349	7070078	650	23-Jun-12	BM	40-50	c	lt brown				60	20	20	weathered bedrock	moist	evergreen forest	mid slope
1239423	420407	7070068	626	23-Jun-12	BM	30-40	b/c	dk brown				30	40	30	weathered bedrock	moist	evergreen forest	mid slope
1239424	420450	7070074	618	23-Jun-12	BM	20-30	b/c	lt brown			10	40	30	20	weathered bedrock	dry	evergreen forest	mid slope
1239425	420506	7070074	602	23-Jun-12	BM	>80	b/c	lt brown				20	20	60	weathered bedrock	frozen	evergreen forest	mid slope
1239426	420553	7070071	579	23-Jun-12	BM	>80	b/c	dk brown			10	20	30	40	weathered bedrock	frozen	evergreen forest	mid slope

Appendix II: Rock Sample Descriptions

May Creek Property Sample Descriptions

UTM NAD 83 Zone 8

ROCK SAMPLES

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Rock Source	Description
1206071	418036.8	7070904.6	1579	23-Jun-12	BM	float	quartz boulder with silver-gray metallics, concretionary, molybdenite?
1206072	418001.4	7070519.1	1525	23-Jun-12	BM	outcrop	quartz vein approx 10cm, oxidized, red oxidized mineralization
1206073	418003	7070497.3	1521	23-Jun-12	BM	outcrop	quartz with rusted colors, green oxidization, possible malachite
1206074	418075.4	7070194	1380	23-Jun-12	BM	outcrop	quartz vein, oxidized, in foliated phyllite/schist host rock
1206075	418546.9	7070193.4	1192	23-Jun-12	BM	outcrop	quartzite/quartz schist, oxidized, iron staining
1206076	418627.5	7070053.6	1149	23-Jun-12	BM	outcrop	quartz, oxidized, in folded, foliated quartzite host. Outcrop: 74 degree strike, 36 degree dip SE
1206077	418835.3	7069897.9	1053	23-Jun-12	BM	outcrop	quartzite schist with quartz veining, oxidized, iron staining
1206078	419111.5	7069765.4	926	23-Jun-12	BM	float	quartzite/chlorite
1206079	419287.2	7069618.9	828	23-Jun-12	BM	outcrop	quartz with subtle, thin banding, looks like gneiss, possibly weathered sulfide cubes
1206080	419512.8	7069441.2	738	23-Jun-12	BM	float	quartz/quartzite schist
1206081	419687.2	7069239.5	675	23-Jun-12	BM	float	blue quartzite/chlorite, pit dug approx 80cm deep, mostly sand
1206082	420045	7069019.5	603	23-Jun-12	BM	float	quartzite, blue, folaited, oxidized quartz veins
1205833	417413.6	7074461.6	1264	23-Jun-12	BM	outcrop	rusty quartzite and intrusive rock with small sulphides
1205834	417412.6	7074466	1268	23-Jun-12	BM	outcrop	skarn with orange/red crystals (scheelite)

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Rock Source	Description
1205835	417314.8	7074400.6	1201	23-Jun-12	BM	outcrop	skarn with pyroxene and epidote
1205836	417338.4	7074317.3	1131	23-Jun-12	BM	outcrop	skarn with calcite and small sulphides
1205837	417464.4	7074297	1144	23-Jun-12	BM	float	skarn with molybdenum and small bits of chalcopyrite
1205838	417300.8	7074543.5	1277	23-Jun-12	BM	float	skarn with cavities with quartz crystals
1205870	420152.8	7070066	733	23-Jun-12	BM	float	very coarse grained granite, biotite phenocrysts, some oxidation
1205871	420181.8	7070090.4	736	23-Jun-12	BM	outcrop	heavily weathered and oxidized granite cut by tourmaline veining, some manganese oxides
1205673	419229.1	7070877.5	1344	23-Jun-12	BM	talus	outcrop not far. Intrusive, partial scarn metamorphosed to chl within granite. Rose quartz, tan-brown weathering
1205674	419554.3	7070831.6	1175	23-Jun-12	BM	float	granite boulder, white, plain, biotite rich
1205675	419561.1	7070826.9	1167	23-Jun-12	BM	float	mica schist. Uncommon in this area. Iron staining, purple, dk grey, well foliated. Oxidized
1205676	419610.3	7070703	1104	23-Jun-12	BM	float	mica schist with rusty quartz veinlets
1205677	419603.8	7070657.1	1088	23-Jun-12	BM	outcrop	dark grey mica schist with 1cm oxidized qtz veinlets, somewhat crosscutting foliation
1205678	419598.3	7070586.9	1063	23-Jun-12	BM	talus	same as 5677 but talus
1205679	419960.5	7070322.1	869	23-Jun-12	BM	float	skarnified metaseds, fine grained greenish foliation, 2cm rusty quartz vein
1205680	419964	7070321.5	869	23-Jun-12	BM	outcrop?	numerous large granite boulders. Coarse to pegmatitic, oxidized
1205681	420032	7070241.6	845	23-Jun-12	BM	outcrop?	altered granitic rock with oxidized red grains of feldspar? Or remnant sulfides?
1205682	420096.7	7070172.8	810	23-Jun-12	BM	float	granite scree slope. Porphyritic feldspar phenocrysts up to 2cm. Fine grained groundmass.
1205683	420136.1	7070149.7	781	23-Jun-12	BM	outcrop	in situ, 10m outcrop.oxidized granite, med-coarse grained, brown, rusty, biotitic, some silvery metallics, vugs, arsenopyrite? Minor carbonate alteration?

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Rock Source	Description
1205684	420151.9	7070165.7	781	23-Jun-12	BM	outcrop	15m from 5684, in situ. Similar oxidized granite with with tourmaline veinlets cutting through. Coarse grained quartz
1205685	420152.7	7070162.6	781	23-Jun-12	BM	outcrop	in situ, quartz feldspar porphyry, 1cm phenocrysts on very fine grained dk grey groundmass. Right beside granite

Appendix III: Soil Sample Assay Certificates

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Submitted By: Bruce Durham
Receiving Lab: Canada-Dawson City
Received: June 28, 2012
Report Date: July 10, 2012
Page: 1 of 8

CERTIFICATE OF ANALYSIS DAW12000068.1

CLIENT JOB INFORMATION

Project: BM
Shipment ID: BM Soils 1
P.O. Number
Number of Samples: 199

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	199	Dry at 60C			DAW
SS80	199	Dry at 60C sieve 100g to -80 mesh			DAW
RJSV	199	Saving all or part of Soil Reject			DAW
1DX2	199	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Goldspike Exploration Inc.
56th Floor - 100 King Street West
Toronto ON M5X 1C9
Canada

CC: Daniel Ferraro

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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.

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: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 10, 2012

CERTIFICATE OF ANALYSIS DAW12000068.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1238731	Soil	0.9	14.1	53.6	199	0.5	15.0	6.3	364	2.07	23.1	6.9	4.1	10	1.0	0.7	0.3	36	0.09	0.028	14
1238732	Soil	1.0	8.4	50.2	151	0.4	10.7	8.4	480	2.08	18.4	7.5	1.9	10	1.5	0.5	0.3	42	0.09	0.042	10
1238733	Soil	0.6	27.9	64.2	339	1.5	24.0	6.7	263	2.19	57.7	2.4	3.2	11	1.6	0.7	0.8	29	0.08	0.041	12
1238734	Soil	0.7	16.4	31.7	127	0.7	18.6	8.5	241	2.23	18.6	7.9	5.4	8	0.9	0.7	0.3	37	0.06	0.031	13
1238735	Soil	0.9	19.6	31.2	174	0.4	22.0	11.3	356	2.41	19.5	7.4	7.9	8	0.9	0.7	0.3	34	0.06	0.031	17
1238736	Soil	0.6	25.9	76.3	360	0.4	24.1	8.3	357	2.55	35.3	5.1	10.2	9	0.8	0.7	0.5	32	0.05	0.015	21
1238737	Soil	0.8	24.6	69.6	263	0.4	23.9	8.5	292	2.47	27.0	12.9	8.0	12	0.8	0.7	0.4	36	0.08	0.025	14
1238738	Soil	0.8	19.7	54.5	180	0.6	14.6	7.5	345	1.98	21.5	29.8	6.5	10	1.1	0.6	0.3	34	0.07	0.018	16
1238739	Soil	0.6	29.8	79.9	409	0.3	24.8	9.2	425	2.57	39.8	5.2	8.8	12	1.2	0.8	0.6	30	0.07	0.025	20
1238740	Soil	0.6	30.3	102.4	549	0.4	22.1	11.4	664	2.20	55.2	5.5	7.9	12	2.3	0.9	0.4	23	0.11	0.049	18
1238741	Soil	0.7	42.1	37.0	213	0.4	21.0	10.3	264	2.43	86.6	6.8	7.3	10	1.4	1.0	0.5	42	0.06	0.013	21
1238742	Soil	0.5	53.8	141.8	1170	0.2	32.3	17.4	887	3.19	95.4	5.5	16.5	21	6.8	1.0	0.6	27	0.12	0.026	39
1238743	Soil	0.5	28.3	31.2	268	0.1	23.9	11.1	423	2.27	26.5	4.9	9.3	26	1.6	0.9	0.3	29	0.16	0.033	24
1238744	Soil	0.9	14.1	22.4	212	0.4	18.3	7.4	220	2.44	26.4	1.8	6.0	13	0.9	0.7	0.3	37	0.10	0.022	14
1238745	Soil	1.2	46.5	276.3	1249	0.4	24.1	27.8	2061	3.20	599.4	14.2	17.4	13	9.6	3.4	3.7	25	0.10	0.055	28
1238746	Soil	0.7	34.3	34.4	382	0.1	25.7	9.8	360	2.64	49.4	4.5	13.8	15	2.4	0.9	0.9	33	0.08	0.014	32
1238747	Soil	0.8	27.0	21.6	177	0.1	20.9	7.5	261	2.35	25.1	3.2	10.3	11	0.8	0.9	0.5	30	0.07	0.013	25
1238748	Soil	0.6	13.6	11.0	69	<0.1	16.6	7.1	215	1.80	13.4	9.5	4.2	13	0.3	0.7	0.2	25	0.14	0.054	11
1238750	Soil	0.8	13.8	14.0	87	0.2	14.8	5.0	174	2.02	16.8	3.5	4.9	12	0.4	0.6	0.3	34	0.10	0.024	13
1238751	Soil	0.8	30.0	21.5	379	0.3	19.7	7.2	334	2.45	83.7	3.8	8.7	12	1.4	0.8	1.0	29	0.10	0.055	17
1238752	Soil	0.7	35.6	24.7	414	0.8	22.2	8.1	374	2.41	70.5	13.0	8.9	19	1.8	0.7	1.0	28	0.10	0.027	21
1238753	Soil	0.6	38.4	12.3	115	0.1	20.7	5.8	232	1.93	28.9	5.6	7.6	10	0.9	0.8	0.4	26	0.10	0.032	17
1238754	Soil	0.5	34.7	17.1	271	0.2	24.1	8.6	365	2.49	46.1	8.3	10.3	19	0.6	0.6	1.0	32	0.19	0.027	22
1238755	Soil	1.0	33.9	20.4	124	0.1	24.2	8.5	314	2.23	25.8	4.4	8.6	19	0.3	0.9	0.8	35	0.17	0.034	19
1238756	Soil	0.5	37.9	18.0	412	0.3	32.5	10.0	382	2.77	66.3	5.1	11.7	16	1.5	0.9	0.8	25	0.15	0.033	30
1238757	Soil	0.4	30.5	12.5	129	<0.1	29.7	9.6	276	2.60	33.7	3.4	11.7	16	0.5	0.5	0.4	24	0.15	0.033	30
1238758	Soil	0.6	20.2	11.0	68	<0.1	17.6	5.4	188	1.61	16.4	4.1	5.6	11	0.1	0.8	0.3	22	0.13	0.029	13
1238759	Soil	0.6	14.1	11.7	152	0.2	17.5	7.1	307	1.80	16.4	<0.5	4.4	12	1.5	0.7	0.3	25	0.12	0.051	11
1238760	Soil	0.5	30.7	20.3	400	0.5	26.8	10.5	462	2.57	38.3	0.9	10.4	14	2.0	0.5	0.7	21	0.11	0.055	27
1238761	Soil	0.7	75.4	56.6	679	2.4	24.4	14.5	604	2.53	44.0	4.7	6.9	25	6.5	0.6	1.3	29	0.21	0.034	22

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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: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 10, 2012

CERTIFICATE OF ANALYSIS DAW12000068.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Sn	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	1	0.2
1238731	Soil	19	0.34	121	0.023	1	1.08	0.004	0.04	0.3	0.02	1.8	0.2	<0.05	4	<0.5	2	<0.2
1238732	Soil	20	0.30	158	0.025	2	0.97	0.005	0.04	0.2	<0.01	1.6	0.1	<0.05	5	<0.5	2	<0.2
1238733	Soil	21	0.36	95	0.023	1	1.24	0.004	0.08	3.1	0.03	1.6	0.4	<0.05	4	<0.5	5	<0.2
1238734	Soil	22	0.36	118	0.032	2	1.22	0.004	0.04	0.4	0.02	2.3	0.1	<0.05	4	<0.5	1	<0.2
1238735	Soil	23	0.41	141	0.032	1	1.36	0.005	0.07	0.3	0.03	2.4	0.2	<0.05	4	<0.5	2	<0.2
1238736	Soil	25	0.44	134	0.026	2	1.68	0.005	0.08	0.8	0.02	3.3	0.4	<0.05	5	<0.5	5	<0.2
1238737	Soil	26	0.41	127	0.027	2	1.75	0.005	0.08	0.5	0.03	2.6	0.3	<0.05	5	<0.5	4	<0.2
1238738	Soil	18	0.29	127	0.025	<1	1.17	0.006	0.05	0.6	0.03	2.2	0.2	<0.05	4	<0.5	3	<0.2
1238739	Soil	23	0.43	131	0.021	<1	1.50	0.004	0.08	0.4	0.02	2.6	0.3	<0.05	5	<0.5	3	<0.2
1238740	Soil	18	0.38	94	0.020	1	1.23	0.004	0.09	0.5	0.02	2.0	0.3	<0.05	4	<0.5	2	<0.2
1238741	Soil	26	0.43	140	0.058	1	1.45	0.007	0.06	0.3	0.05	5.3	0.2	<0.05	4	<0.5	2	<0.2
1238742	Soil	26	0.64	139	0.020	<1	1.93	0.005	0.23	0.2	0.02	3.9	0.4	<0.05	6	<0.5	4	<0.2
1238743	Soil	22	0.43	194	0.035	<1	1.25	0.011	0.13	0.4	0.02	3.3	0.2	<0.05	4	<0.5	3	<0.2
1238744	Soil	23	0.38	161	0.024	<1	1.46	0.006	0.07	0.3	0.03	2.4	0.2	<0.05	5	<0.5	3	<0.2
1238745	Soil	23	0.37	123	0.028	1	1.62	0.004	0.19	2.3	0.01	2.7	0.6	<0.05	5	<0.5	8	<0.2
1238746	Soil	28	0.52	172	0.043	1	1.75	0.006	0.20	1.1	0.02	3.9	0.4	<0.05	6	<0.5	5	<0.2
1238747	Soil	24	0.41	154	0.033	<1	1.36	0.006	0.10	0.5	0.04	3.4	0.3	<0.05	4	<0.5	4	<0.2
1238748	Soil	15	0.31	147	0.022	<1	0.79	0.005	0.03	0.3	0.01	2.2	<0.1	<0.05	3	<0.5	1	<0.2
1238750	Soil	20	0.33	155	0.030	1	1.13	0.006	0.05	0.4	0.01	2.1	0.1	<0.05	4	<0.5	2	<0.2
1238751	Soil	21	0.40	145	0.034	<1	1.29	0.004	0.18	1.4	0.02	2.2	0.4	<0.05	5	<0.5	7	<0.2
1238752	Soil	23	0.48	144	0.030	<1	1.35	0.005	0.13	0.6	0.02	2.6	0.4	<0.05	5	<0.5	4	<0.2
1238753	Soil	18	0.32	105	0.033	<1	0.93	0.005	0.06	0.4	0.03	2.6	0.1	<0.05	3	<0.5	2	<0.2
1238754	Soil	27	0.52	193	0.045	1	1.50	0.010	0.14	0.9	0.02	3.9	0.5	<0.05	5	<0.5	5	<0.2
1238755	Soil	23	0.40	209	0.055	1	1.28	0.010	0.08	0.8	0.03	3.6	0.2	<0.05	4	<0.5	4	<0.2
1238756	Soil	25	0.50	177	0.040	<1	1.53	0.006	0.21	0.7	0.01	2.9	0.4	<0.05	5	<0.5	4	<0.2
1238757	Soil	26	0.54	218	0.040	<1	1.48	0.006	0.22	0.3	0.02	3.1	0.3	<0.05	5	<0.5	3	<0.2
1238758	Soil	16	0.32	121	0.027	<1	0.74	0.004	0.04	0.5	0.02	2.3	0.1	<0.05	2	<0.5	2	<0.2
1238759	Soil	17	0.31	150	0.024	<1	0.83	0.004	0.06	0.4	0.02	1.8	<0.1	<0.05	3	<0.5	1	<0.2
1238760	Soil	23	0.46	137	0.012	<1	1.33	0.004	0.15	0.3	<0.01	2.0	0.3	<0.05	5	<0.5	6	<0.2
1238761	Soil	22	0.38	189	0.018	<1	1.37	0.006	0.14	0.3	0.02	2.0	0.3	<0.05	5	<0.5	2	<0.2

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Client: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 10, 2012

CERTIFICATE OF ANALYSIS DAW12000068.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1238762	Soil	0.5	94.1	30.7	542	0.7	26.9	13.0	388	2.44	40.2	2.2	9.9	18	3.1	0.5	1.0	25	0.16	0.036	26
1238763	Soil	0.7	30.2	23.8	432	1.6	21.2	11.5	510	2.52	50.3	1.2	7.1	15	2.5	0.4	1.4	28	0.13	0.057	23
1238764	Soil	0.8	53.0	40.7	259	0.4	33.0	13.0	518	3.00	66.4	3.9	10.8	29	1.0	0.8	1.7	34	0.36	0.048	25
1238765	Soil	0.9	33.4	22.5	187	0.2	26.9	9.9	343	2.54	38.0	2.5	8.6	19	0.8	0.9	0.6	31	0.25	0.044	20
1238766	Soil	0.7	36.4	29.5	238	0.2	28.3	10.2	313	2.67	43.2	3.3	9.8	18	1.1	0.7	1.2	30	0.18	0.036	21
1238767	Soil	0.7	19.2	17.5	132	<0.1	19.3	6.9	236	2.02	31.5	5.5	5.5	13	0.7	0.7	0.3	26	0.15	0.054	11
1238768	Soil	0.9	20.9	17.6	157	<0.1	18.8	6.8	282	2.04	30.3	2.1	6.0	15	0.6	0.7	0.4	27	0.17	0.047	13
1238769	Soil	0.7	14.7	14.2	137	0.1	17.3	7.7	262	2.10	25.9	6.9	4.7	11	1.3	0.8	0.5	25	0.12	0.073	10
1238770	Soil	0.6	20.0	24.3	152	<0.1	19.0	6.9	219	2.10	33.8	21.7	5.9	11	0.7	0.8	0.4	24	0.12	0.041	13
1239734	Soil	1.4	13.3	12.1	105	<0.1	16.2	8.2	324	2.95	22.1	2.6	1.4	12	0.8	0.6	0.4	58	0.10	0.039	11
1239735	Soil	0.9	10.9	12.3	181	<0.1	17.5	11.2	555	2.81	67.8	2.0	1.2	15	1.2	0.6	0.2	45	0.18	0.039	14
1239736	Soil	0.5	3.7	10.1	24	<0.1	3.5	1.6	83	1.12	23.0	10.2	0.4	7	0.3	0.3	0.3	34	0.04	0.023	11
1239737	Soil	0.8	9.8	12.1	77	<0.1	12.0	6.3	291	2.43	78.1	3.2	0.6	9	0.6	0.5	0.3	44	0.06	0.033	11
1239738	Soil	0.8	11.4	9.1	88	<0.1	13.8	6.5	308	2.15	51.3	10.0	1.5	8	0.6	0.7	0.4	36	0.08	0.037	12
1239739	Soil	1.0	8.2	9.2	84	<0.1	11.8	9.1	458	2.41	56.3	2.3	1.4	10	0.5	0.5	0.3	45	0.08	0.029	13
1239740	Soil	0.7	10.8	10.4	89	0.1	11.4	3.9	210	1.95	57.2	3.0	0.5	13	1.3	0.5	0.3	37	0.07	0.047	13
1239741	Soil	0.8	9.2	10.5	113	<0.1	11.2	6.1	389	1.79	50.1	5.1	0.6	10	0.7	0.6	0.4	32	0.07	0.043	13
1239742	Soil	0.6	18.3	10.5	107	<0.1	17.1	7.6	300	2.25	29.0	14.7	4.3	15	0.4	0.8	0.2	31	0.12	0.050	16
1239743	Soil	0.7	14.5	10.5	81	<0.1	12.1	4.5	220	1.96	39.7	11.2	1.3	13	0.4	0.5	0.3	31	0.08	0.039	14
1239744	Soil	0.5	13.6	11.5	116	<0.1	17.5	8.6	425	2.12	32.8	14.4	4.3	17	0.5	0.5	0.7	30	0.16	0.065	15
1239745	Soil	0.7	6.6	15.4	20	<0.1	5.0	1.6	61	1.32	10.3	2.2	0.4	7	0.2	0.5	0.4	39	0.04	0.024	14
1239746	Soil	0.7	10.9	9.6	49	<0.1	13.2	5.4	260	2.13	14.3	2.8	2.0	10	0.3	0.7	0.4	36	0.08	0.048	14
1239747	Soil	0.9	14.9	10.5	74	<0.1	16.2	7.8	326	2.34	29.4	3.4	1.9	12	0.4	0.8	0.6	36	0.10	0.049	14
1239748	Soil	0.9	12.5	10.0	58	<0.1	14.8	6.6	272	2.33	19.2	14.1	1.9	10	0.2	0.6	0.3	40	0.08	0.039	14
1239749	Soil	0.9	15.6	9.0	64	<0.1	15.9	6.1	218	2.15	25.9	7.2	1.5	13	0.2	0.6	0.5	39	0.12	0.048	13
1239750	Soil	0.8	13.4	10.5	53	<0.1	13.1	5.4	154	1.99	24.8	2.4	0.8	16	0.4	0.8	0.4	38	0.09	0.040	13
1239751	Soil	0.7	17.0	9.9	79	<0.1	19.7	9.8	340	2.38	24.0	5.2	3.2	12	0.4	0.6	0.3	35	0.12	0.052	14
1239752	Soil	0.9	18.5	8.9	48	<0.1	12.7	5.1	190	2.04	56.7	7.9	1.0	9	0.2	0.4	0.3	38	0.06	0.033	12
1239753	Soil	1.2	45.4	10.0	81	0.1	23.1	11.8	460	3.17	71.3	14.3	4.7	17	0.2	0.8	0.4	49	0.12	0.069	15
1239754	Soil	0.8	9.7	11.5	34	<0.1	9.7	3.6	125	1.68	22.0	2.3	0.4	8	0.1	0.4	0.2	35	0.06	0.032	11

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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: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 10, 2012

CERTIFICATE OF ANALYSIS DAW12000068.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Sn	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	1	0.2
1238762	Soil		23	0.49	121	0.036	<1	1.36	0.005	0.22	0.3	0.02	2.2	0.4	<0.05	5	<0.5	6	<0.2
1238763	Soil		23	0.43	156	0.033	<1	1.36	0.005	0.20	0.5	0.02	2.0	0.4	0.07	5	<0.5	4	<0.2
1238764	Soil		31	0.57	314	0.051	<1	1.56	0.016	0.16	1.3	0.03	3.8	0.5	<0.05	5	<0.5	8	<0.2
1238765	Soil		25	0.48	201	0.038	<1	1.22	0.010	0.10	0.6	0.03	3.0	0.3	0.05	4	<0.5	3	<0.2
1238766	Soil		28	0.51	185	0.051	<1	1.41	0.008	0.21	1.0	0.02	3.1	0.4	<0.05	5	<0.5	4	<0.2
1238767	Soil		18	0.32	115	0.031	<1	0.80	0.004	0.07	0.4	0.01	2.2	0.1	<0.05	3	<0.5	<1	<0.2
1238768	Soil		20	0.36	109	0.027	<1	0.91	0.006	0.06	0.4	0.02	2.2	0.1	<0.05	3	<0.5	2	<0.2
1238769	Soil		18	0.32	142	0.026	<1	0.79	0.003	0.07	0.5	0.02	1.7	0.1	<0.05	3	<0.5	<1	<0.2
1238770	Soil		18	0.32	151	0.022	1	0.89	0.003	0.07	0.6	0.02	1.7	0.2	<0.05	3	<0.5	2	<0.2
1239734	Soil		32	0.46	124	0.044	2	1.91	0.008	0.04	0.3	0.04	2.9	0.1	<0.05	7	0.9	1	<0.2
1239735	Soil		30	0.41	151	0.041	1	1.92	0.009	0.04	0.3	0.04	2.4	0.1	<0.05	6	<0.5	<1	<0.2
1239736	Soil		12	0.10	57	0.034	<1	0.60	0.004	0.02	0.2	0.03	0.7	0.1	<0.05	6	0.7	2	<0.2
1239737	Soil		22	0.35	89	0.034	1	1.13	0.005	0.04	0.3	0.02	1.2	0.1	<0.05	6	<0.5	6	<0.2
1239738	Soil		19	0.31	67	0.030	1	0.97	0.004	0.03	0.6	0.03	1.5	0.2	<0.05	4	<0.5	2	<0.2
1239739	Soil		22	0.34	129	0.039	<1	1.17	0.005	0.03	0.3	0.01	1.8	0.2	<0.05	5	0.5	<1	<0.2
1239740	Soil		19	0.27	115	0.031	<1	1.02	0.007	0.04	0.3	0.04	1.2	0.2	<0.05	5	<0.5	3	<0.2
1239741	Soil		19	0.27	89	0.020	<1	1.00	0.005	0.03	0.9	0.02	1.1	0.2	<0.05	4	<0.5	2	<0.2
1239742	Soil		24	0.38	110	0.031	<1	1.25	0.006	0.06	0.2	0.01	2.5	0.5	<0.05	4	<0.5	1	<0.2
1239743	Soil		21	0.30	75	0.025	<1	1.13	0.006	0.06	0.4	0.03	1.4	0.4	<0.05	5	<0.5	2	<0.2
1239744	Soil		21	0.35	102	0.034	<1	1.20	0.007	0.06	0.5	0.02	2.2	0.2	<0.05	4	<0.5	2	<0.2
1239745	Soil		14	0.13	65	0.031	<1	0.81	0.004	0.03	0.2	0.03	1.0	0.2	<0.05	5	<0.5	1	<0.2
1239746	Soil		20	0.30	78	0.032	<1	1.00	0.004	0.04	0.5	0.02	1.9	0.3	<0.05	4	<0.5	2	<0.2
1239747	Soil		23	0.33	99	0.034	<1	1.14	0.006	0.06	0.4	0.04	2.0	0.3	<0.05	5	<0.5	3	<0.2
1239748	Soil		23	0.37	112	0.032	1	1.23	0.005	0.04	0.3	0.03	2.2	0.2	<0.05	4	0.8	1	<0.2
1239749	Soil		24	0.40	113	0.036	1	1.26	0.006	0.06	0.5	0.04	1.9	0.2	<0.05	4	<0.5	<1	<0.2
1239750	Soil		20	0.30	166	0.027	<1	1.06	0.005	0.05	0.3	0.03	1.5	0.3	<0.05	5	0.6	<1	<0.2
1239751	Soil		26	0.39	104	0.045	1	1.38	0.006	0.07	0.4	0.03	2.7	0.2	<0.05	4	<0.5	1	<0.2
1239752	Soil		27	0.32	85	0.035	<1	1.14	0.005	0.06	0.4	0.03	1.9	0.3	<0.05	5	<0.5	2	<0.2
1239753	Soil		55	0.52	151	0.096	<1	1.48	0.012	0.32	0.6	0.04	5.0	0.9	<0.05	6	0.6	4	<0.2
1239754	Soil		20	0.26	65	0.027	<1	0.92	0.005	0.06	0.3	0.02	0.9	0.2	<0.05	5	<0.5	7	<0.2

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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: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 10, 2012

CERTIFICATE OF ANALYSIS DAW12000068.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1239755	Soil	1.0	12.8	10.0	32	0.1	7.6	2.8	129	1.79	54.2	2.2	0.7	6	0.1	0.5	0.5	47	0.03	0.026	13
1239756	Soil	0.9	13.6	20.2	49	<0.1	12.7	3.8	136	2.03	47.3	9.2	0.3	10	0.1	0.5	1.1	38	0.06	0.048	10
1239757	Soil	0.7	14.9	12.2	61	<0.1	14.4	6.9	248	2.13	29.7	5.5	3.4	12	0.2	0.6	0.8	35	0.10	0.045	13
1239758	Soil	0.6	8.9	12.7	55	<0.1	11.2	4.7	213	2.10	19.5	1.9	0.6	14	0.1	0.5	0.4	35	0.11	0.042	11
1239759	Soil	0.8	11.6	14.5	55	<0.1	13.3	7.3	384	3.27	34.6	1.4	1.2	10	0.3	0.6	0.2	44	0.09	0.037	11
1239760	Soil	0.6	8.3	11.3	35	<0.1	10.2	3.5	146	1.68	44.2	2.3	0.3	9	0.1	0.5	0.2	32	0.07	0.034	10
1239761	Soil	1.1	10.5	12.4	51	<0.1	14.3	6.6	270	2.36	36.0	3.8	4.6	11	0.1	0.7	0.2	44	0.09	0.017	12
1239905	Soil	1.2	8.4	218.4	154	0.4	8.4	3.6	377	1.74	21.2	0.6	2.1	10	1.0	0.9	0.2	36	0.09	0.024	11
1239906	Soil	0.8	13.4	14.0	112	0.3	15.4	6.8	197	2.14	11.5	9.1	4.7	9	0.7	0.7	0.1	38	0.07	0.021	12
1239907	Soil	0.6	14.9	89.8	175	0.2	17.0	5.9	278	1.81	13.5	3.4	4.3	17	0.8	1.0	0.1	28	0.19	0.028	14
1239908	Soil	0.8	16.2	41.6	104	0.2	17.5	5.7	193	2.08	15.8	4.6	4.7	12	0.7	0.8	0.1	31	0.08	0.037	12
1239909	Soil	0.9	17.4	38.9	144	<0.1	21.0	8.9	328	2.25	19.4	2.4	6.7	14	0.8	1.0	0.2	30	0.08	0.061	15
1239910	Soil	0.9	15.9	23.4	137	<0.1	19.1	7.1	318	2.21	14.5	2.0	3.3	24	0.8	1.0	0.3	34	0.11	0.074	14
1239911	Soil	1.0	20.5	36.7	150	0.3	22.6	9.6	414	2.53	16.2	3.8	5.3	22	0.9	0.9	0.3	37	0.11	0.036	16
1239912	Soil	0.9	12.0	21.0	47	0.7	7.7	3.2	209	1.31	8.7	1.0	1.0	17	0.9	0.4	0.3	31	0.16	0.030	12
1239913	Soil	0.8	12.5	19.8	64	0.2	14.5	5.1	174	1.84	11.6	1.4	5.0	9	0.3	0.9	0.2	30	0.08	0.027	14
1239914	Soil	0.7	10.8	17.3	68	0.2	13.0	4.2	159	1.75	11.3	1.6	4.5	8	0.3	1.4	0.2	32	0.06	0.019	14
1239915	Soil	0.7	19.9	26.8	110	<0.1	19.5	6.5	218	2.13	19.4	2.2	7.6	8	0.3	3.0	0.2	30	0.05	0.021	19
1239916	Soil	0.5	25.9	19.6	85	0.1	20.0	7.7	242	2.20	13.8	10.3	7.8	9	0.3	2.0	0.2	29	0.08	0.022	22
1239917	Soil	0.8	30.6	38.8	118	0.6	23.2	13.2	570	2.49	19.6	1.9	8.4	11	1.2	3.0	0.3	28	0.10	0.041	31
1239918	Soil	0.6	18.2	18.0	96	0.2	18.7	8.1	264	2.12	17.5	9.2	5.1	10	0.6	3.0	0.2	26	0.11	0.031	19
1239919	Soil	0.6	14.6	15.1	88	0.1	17.8	6.3	248	1.92	12.6	10.0	5.9	14	0.3	1.8	0.2	25	0.20	0.039	17
1239920	Soil	0.8	15.3	15.5	103	0.2	17.0	6.7	264	2.28	13.8	1.0	4.6	11	0.6	1.2	0.2	33	0.12	0.042	14
1239921	Soil	0.6	22.1	23.2	59	<0.1	20.3	7.1	194	2.11	14.9	2.7	5.2	8	0.5	1.1	0.1	31	0.08	0.025	12
1239922	Soil	0.5	10.0	19.5	59	0.4	10.3	3.2	135	1.33	12.9	0.6	3.5	12	0.9	0.7	0.2	26	0.12	0.018	13
1239923	Soil	0.6	27.8	165.0	247	0.6	15.5	6.2	264	2.10	99.5	2.3	7.4	9	1.4	0.8	0.7	28	0.07	0.017	17
1239924	Soil	0.6	12.3	27.6	149	0.3	12.1	4.3	199	1.82	46.1	<0.5	5.4	8	0.8	0.7	0.3	26	0.08	0.023	17
1239925	Soil	0.7	25.8	37.4	220	0.3	21.8	8.1	357	2.32	46.3	1.9	7.8	18	1.6	1.1	0.3	31	0.21	0.041	22
1239926	Soil	0.6	16.3	23.8	158	0.2	16.9	6.0	273	1.99	33.7	2.4	6.5	11	1.0	0.9	0.3	26	0.14	0.040	17
1239927	Soil	0.9	33.4	55.3	284	0.7	35.0	25.5	1721	2.93	51.6	3.7	8.7	26	4.2	1.1	0.5	38	0.34	0.082	24

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	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Sn	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	1	0.2
1239755	Soil	16	0.18	51	0.040	<1	0.78	0.004	0.04	0.3	0.01	1.0	0.2	<0.05	6	<0.5	2	<0.2
1239756	Soil	23	0.33	88	0.023	<1	1.34	0.007	0.06	0.7	0.06	1.1	0.2	<0.05	5	<0.5	18	<0.2
1239757	Soil	23	0.36	91	0.035	<1	1.47	0.007	0.04	0.4	0.03	2.5	0.1	<0.05	4	<0.5	<1	<0.2
1239758	Soil	22	0.33	86	0.020	<1	1.31	0.006	0.03	0.2	0.03	1.5	0.1	<0.05	5	<0.5	6	<0.2
1239759	Soil	27	0.36	99	0.035	<1	1.31	0.005	0.04	0.2	0.04	1.8	0.1	<0.05	5	<0.5	3	<0.2
1239760	Soil	16	0.25	58	0.017	<1	0.84	0.005	0.03	0.2	0.02	0.9	0.1	<0.05	4	<0.5	3	<0.2
1239761	Soil	26	0.41	101	0.036	<1	1.47	0.006	0.04	0.4	0.02	2.6	0.2	<0.05	5	<0.5	<1	<0.2
1239905	Soil	14	0.19	129	0.025	<1	0.66	0.003	0.03	0.3	0.03	1.1	<0.1	<0.05	4	<0.5	4	<0.2
1239906	Soil	22	0.33	172	0.034	1	1.26	0.005	0.04	0.2	0.02	2.1	0.1	<0.05	4	<0.5	<1	<0.2
1239907	Soil	17	0.29	147	0.016	<1	0.91	0.004	0.04	0.2	0.02	1.8	0.1	<0.05	3	0.6	2	<0.2
1239908	Soil	17	0.33	109	0.021	<1	1.01	0.005	0.04	0.3	0.02	1.7	<0.1	<0.05	3	<0.5	<1	<0.2
1239909	Soil	21	0.35	103	0.025	<1	1.18	0.004	0.06	0.2	0.02	1.7	0.1	<0.05	3	<0.5	2	<0.2
1239910	Soil	18	0.33	185	0.016	1	1.07	0.004	0.05	0.2	0.01	1.3	<0.1	<0.05	4	<0.5	2	<0.2
1239911	Soil	21	0.37	133	0.023	2	1.36	0.006	0.09	0.3	0.02	1.7	0.2	<0.05	5	<0.5	4	<0.2
1239912	Soil	11	0.17	102	0.026	1	0.56	0.004	0.05	0.3	0.02	1.0	0.1	<0.05	4	<0.5	1	<0.2
1239913	Soil	17	0.32	101	0.019	1	0.96	0.004	0.03	0.3	0.04	1.6	0.1	<0.05	3	<0.5	2	<0.2
1239914	Soil	17	0.30	99	0.022	1	0.94	0.004	0.03	0.3	0.02	1.4	0.1	<0.05	4	<0.5	<1	<0.2
1239915	Soil	21	0.39	120	0.021	2	1.28	0.004	0.04	0.2	0.03	2.2	0.1	<0.05	4	<0.5	2	<0.2
1239916	Soil	21	0.38	172	0.026	<1	1.07	0.007	0.03	0.2	0.02	2.6	<0.1	<0.05	3	<0.5	1	<0.2
1239917	Soil	20	0.39	185	0.017	1	1.30	0.004	0.04	0.2	0.02	2.5	0.1	<0.05	4	<0.5	1	<0.2
1239918	Soil	18	0.36	135	0.014	1	1.08	0.004	0.04	0.2	0.01	1.7	<0.1	<0.05	3	<0.5	<1	<0.2
1239919	Soil	19	0.39	169	0.017	1	1.09	0.004	0.04	0.3	0.01	1.9	0.1	<0.05	3	<0.5	<1	<0.2
1239920	Soil	18	0.36	149	0.021	1	1.08	0.005	0.05	0.2	0.02	1.7	<0.1	<0.05	4	<0.5	<1	<0.2
1239921	Soil	19	0.35	163	0.023	1	1.07	0.004	0.03	0.2	0.02	1.9	<0.1	<0.05	3	<0.5	<1	<0.2
1239922	Soil	12	0.21	99	0.023	<1	0.63	0.004	0.04	0.2	0.01	1.2	<0.1	<0.05	3	<0.5	<1	<0.2
1239923	Soil	19	0.36	117	0.019	1	1.10	0.004	0.04	0.3	0.02	2.5	0.2	<0.05	3	<0.5	1	<0.2
1239924	Soil	16	0.31	117	0.015	<1	0.93	0.005	0.03	0.3	0.02	1.6	0.1	<0.05	3	<0.5	<1	<0.2
1239925	Soil	22	0.39	299	0.027	2	1.06	0.008	0.05	0.2	0.02	3.4	0.1	<0.05	3	<0.5	<1	<0.2
1239926	Soil	18	0.37	107	0.025	<1	0.94	0.004	0.06	0.3	<0.01	1.6	0.1	<0.05	3	<0.5	1	<0.2
1239927	Soil	40	0.57	348	0.037	2	1.66	0.012	0.20	0.3	0.03	3.8	0.4	<0.05	6	<0.5	2	<0.2

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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: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 10, 2012

CERTIFICATE OF ANALYSIS DAW12000068.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1239928	Soil	0.5	14.4	19.4	103	0.1	14.6	5.5	237	1.51	16.5	6.1	4.7	22	0.7	0.7	0.3	21	0.33	0.033	15
1239929	Soil	0.5	29.4	34.4	227	0.4	24.6	9.3	505	2.00	21.4	4.2	6.4	59	2.1	0.8	0.3	25	0.87	0.049	21
1239930	Soil	0.7	18.4	32.5	150	0.2	17.4	7.9	409	1.64	18.6	1.6	4.9	41	0.9	0.8	0.3	21	0.63	0.037	17
1239931	Soil	0.4	12.2	19.6	125	0.2	13.2	5.8	342	1.34	13.1	1.0	3.9	29	0.9	0.6	0.2	18	0.46	0.035	14
1239932	Soil	0.6	19.2	34.9	138	0.3	17.0	9.0	434	1.78	21.9	14.9	4.9	44	0.7	0.7	0.3	25	0.61	0.043	18
1239933	Soil	0.7	53.7	29.7	275	0.8	28.1	7.8	398	2.06	32.9	2.6	6.2	53	4.4	0.6	0.4	25	0.83	0.037	23
1239934	Soil	0.9	20.6	30.2	151	0.3	17.6	8.7	403	1.84	29.2	3.5	5.5	26	1.1	0.7	0.3	24	0.33	0.035	17
1239935	Soil	0.9	27.8	27.6	158	0.3	21.8	9.8	464	2.11	27.7	1.9	7.4	27	0.8	0.7	0.3	27	0.33	0.034	22
1239936	Soil	0.7	16.3	20.2	152	0.2	20.7	8.5	482	2.08	20.8	0.8	5.5	18	2.3	0.5	0.2	26	0.19	0.035	15
1239937	Soil	0.6	22.3	22.1	261	0.5	20.2	6.6	334	1.89	27.2	1.2	7.6	17	1.7	0.7	0.5	24	0.17	0.025	19
1239938	Soil	0.9	42.8	20.9	1065	0.7	38.4	11.8	541	3.03	74.2	3.8	12.7	24	5.3	1.6	0.8	29	0.22	0.046	33
1239939	Soil	0.8	208.3	505.4	1271	1.6	39.0	25.1	1007	4.17	713.0	4.6	24.7	35	21.0	2.1	3.2	20	0.33	0.058	66
1239940	Soil	1.1	73.1	40.3	702	0.6	36.3	11.7	546	2.92	105.5	3.4	12.0	38	6.7	1.0	2.2	24	0.57	0.054	35
1239941	Soil	0.5	38.5	27.1	359	0.4	25.0	9.2	404	2.32	74.5	5.3	8.9	40	3.3	0.8	1.7	23	0.54	0.046	24
1239942	Soil	0.5	56.8	25.3	391	0.5	28.1	9.3	414	2.18	66.1	17.1	6.6	64	4.2	0.8	2.0	21	1.01	0.054	24
1239943	Soil	0.9	57.2	24.3	517	0.6	28.9	8.7	358	2.42	76.7	2.8	8.5	47	5.2	0.9	2.2	22	0.77	0.065	27
1240128	Soil	0.8	17.8	7.9	250	<0.1	28.7	12.7	276	2.11	65.7	3.4	4.3	22	1.2	0.8	0.3	33	0.13	0.026	14
1240129	Soil	0.9	9.8	10.9	361	<0.1	14.8	8.7	523	2.33	76.2	5.1	1.0	15	1.4	0.5	0.4	42	0.10	0.045	13
1240130	Soil	1.0	7.1	9.2	39	0.1	5.1	2.0	180	1.13	41.4	5.1	0.1	7	0.7	0.4	0.4	35	0.05	0.034	10
1240131	Soil	1.0	7.1	8.3	66	<0.1	7.7	3.0	201	1.78	68.2	2.6	0.5	8	0.6	0.6	0.3	38	0.07	0.033	10
1240132	Soil	0.7	8.0	8.2	101	<0.1	11.7	4.8	311	1.87	62.7	4.9	0.9	11	0.5	0.5	0.2	34	0.08	0.032	12
1240133	Soil	0.7	11.5	10.3	159	<0.1	15.6	6.7	320	2.27	88.2	6.4	1.4	18	0.9	0.6	0.3	38	0.15	0.049	15
1240134	Soil	0.6	11.7	11.7	78	<0.1	14.5	5.3	294	1.87	64.9	10.1	1.2	19	0.5	0.7	0.2	31	0.18	0.050	17
1240135	Soil	0.7	12.6	10.5	235	0.1	17.7	7.3	491	2.23	57.8	8.7	3.1	13	1.2	0.8	0.3	32	0.12	0.055	15
1240136	Soil	0.7	18.3	14.1	240	0.2	17.8	7.7	473	2.17	53.3	8.3	2.5	26	1.8	0.7	0.4	36	0.22	0.054	16
1240137	Soil	0.7	12.7	12.7	70	<0.1	11.9	4.0	198	1.99	33.2	2.5	1.4	9	0.3	0.6	0.2	34	0.07	0.035	14
1240138	Soil	0.9	9.4	8.1	62	<0.1	8.4	2.1	95	1.27	21.1	4.0	0.2	14	0.2	0.5	0.4	27	0.06	0.043	10
1240139	Soil	0.7	17.1	13.8	134	<0.1	16.7	6.7	354	2.16	37.2	15.0	2.8	19	0.6	0.7	0.4	34	0.14	0.047	15
1240140	Soil	0.8	9.4	8.3	56	<0.1	12.4	4.1	184	2.26	31.2	2.6	1.4	7	0.1	0.6	0.4	41	0.06	0.025	13
1240141	Soil	0.9	11.1	9.2	70	<0.1	13.1	6.8	304	2.22	30.7	12.7	1.1	9	0.2	0.6	0.5	38	0.06	0.035	14

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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: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 10, 2012

CERTIFICATE OF ANALYSIS DAW12000068.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Sn	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	1	0.2
1239928	Soil		14	0.30	109	0.021	<1	0.71	0.007	0.05	0.2	0.01	1.6	0.1	<0.05	2	<0.5	<1	<0.2
1239929	Soil		22	0.41	189	0.024	2	1.24	0.016	0.10	0.3	0.01	2.6	0.2	<0.05	4	<0.5	<1	<0.2
1239930	Soil		16	0.35	156	0.019	2	0.92	0.010	0.06	0.4	0.02	2.0	0.1	<0.05	3	<0.5	1	<0.2
1239931	Soil		13	0.30	126	0.017	1	0.74	0.007	0.04	0.4	0.02	1.4	<0.1	<0.05	2	<0.5	<1	<0.2
1239932	Soil		18	0.36	188	0.018	1	1.05	0.011	0.06	0.3	0.03	2.1	0.2	<0.05	4	<0.5	1	<0.2
1239933	Soil		22	0.40	189	0.020	2	1.21	0.009	0.11	0.2	0.03	2.4	0.2	<0.05	4	<0.5	2	<0.2
1239934	Soil		18	0.35	146	0.022	1	1.02	0.008	0.07	0.3	0.01	2.0	0.2	<0.05	3	<0.5	2	<0.2
1239935	Soil		21	0.39	172	0.025	1	1.18	0.007	0.08	0.3	<0.01	2.4	0.1	<0.05	4	<0.5	2	<0.2
1239936	Soil		21	0.40	129	0.025	<1	1.10	0.006	0.12	0.2	<0.01	2.0	0.2	<0.05	4	<0.5	2	<0.2
1239937	Soil		19	0.36	109	0.025	<1	1.01	0.005	0.10	0.4	0.01	2.2	0.2	<0.05	3	<0.5	3	<0.2
1239938	Soil		35	0.59	119	0.028	1	1.54	0.007	0.20	0.4	0.02	3.3	0.5	<0.05	5	<0.5	8	<0.2
1239939	Soil		25	0.67	61	0.007	1	1.72	0.006	0.15	0.3	<0.01	2.8	0.6	<0.05	5	<0.5	8	<0.2
1239940	Soil		30	0.52	99	0.022	2	1.36	0.013	0.14	0.3	0.02	2.8	0.4	<0.05	4	<0.5	16	<0.2
1239941	Soil		22	0.43	98	0.022	2	1.20	0.011	0.12	0.3	<0.01	2.2	0.3	<0.05	4	<0.5	6	<0.2
1239942	Soil		20	0.42	128	0.018	2	1.14	0.012	0.11	0.4	0.02	2.2	0.3	<0.05	4	0.7	6	<0.2
1239943	Soil		24	0.46	120	0.020	3	1.19	0.012	0.12	0.3	0.02	2.3	0.3	<0.05	4	<0.5	8	<0.2
1240128	Soil		23	0.40	115	0.050	2	1.44	0.007	0.04	0.6	0.03	2.5	0.1	<0.05	3	<0.5	<1	<0.2
1240129	Soil		26	0.36	101	0.037	1	1.39	0.007	0.04	0.6	0.04	1.9	0.1	<0.05	5	<0.5	1	<0.2
1240130	Soil		10	0.07	56	0.018	1	0.50	0.004	0.03	0.2	0.03	0.3	0.2	<0.05	5	<0.5	2	<0.2
1240131	Soil		14	0.18	57	0.025	1	0.64	0.005	0.03	0.4	0.02	0.8	0.1	0.05	5	<0.5	1	<0.2
1240132	Soil		20	0.31	78	0.028	2	0.96	0.004	0.04	0.4	0.01	1.2	0.1	<0.05	4	<0.5	2	<0.2
1240133	Soil		23	0.37	145	0.033	1	1.28	0.012	0.05	0.5	0.03	1.7	0.2	<0.05	5	<0.5	1	<0.2
1240134	Soil		20	0.34	107	0.022	1	0.96	0.005	0.04	0.5	0.03	1.4	0.2	<0.05	4	<0.5	<1	<0.2
1240135	Soil		23	0.38	113	0.025	<1	1.24	0.005	0.05	0.4	0.02	2.3	0.2	<0.05	4	<0.5	2	<0.2
1240136	Soil		23	0.37	116	0.024	1	1.33	0.008	0.06	0.3	0.05	2.2	0.2	<0.05	5	<0.5	2	<0.2
1240137	Soil		22	0.35	62	0.028	<1	1.12	0.005	0.05	0.3	0.04	1.5	0.3	<0.05	4	<0.5	1	<0.2
1240138	Soil		16	0.17	51	0.008	<1	0.78	0.011	0.03	0.2	0.03	0.3	0.2	<0.05	4	<0.5	4	<0.2
1240139	Soil		23	0.37	107	0.028	<1	1.29	0.006	0.05	0.3	0.02	2.1	0.2	<0.05	5	<0.5	2	<0.2
1240140	Soil		26	0.35	64	0.029	<1	1.19	0.004	0.05	0.3	0.02	1.9	0.2	<0.05	5	<0.5	<1	<0.2
1240141	Soil		26	0.35	75	0.030	<1	1.26	0.004	0.06	0.3	0.03	1.6	0.3	<0.05	5	<0.5	1	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1240142	Soil	0.9	15.1	9.6	38	0.1	11.9	3.6	113	1.75	38.2	3.7	0.3	11	0.3	0.5	0.4	35	0.07	0.044	10
1240143	Soil	1.9	11.7	9.8	37	<0.1	9.8	3.7	252	1.69	20.5	0.6	0.6	8	0.2	1.0	0.4	74	0.04	0.023	13
1240144	Soil	0.8	12.8	9.0	66	<0.1	14.8	8.9	556	2.02	23.3	4.9	1.2	10	0.3	0.6	0.5	38	0.08	0.036	11
1240145	Soil	0.5	37.7	8.5	397	<0.1	28.0	15.0	615	2.30	23.0	9.4	5.8	34	0.9	0.4	3.6	52	0.39	0.061	17
1240146	Soil	1.0	30.7	10.0	55	0.1	12.1	4.7	163	1.91	215.0	5.7	0.7	14	0.2	0.6	0.8	36	0.06	0.041	12
1240147	Soil	0.8	21.1	10.2	97	<0.1	20.2	8.8	360	2.42	31.3	9.2	2.9	10	0.3	0.9	0.8	41	0.10	0.045	14
1240148	Soil	0.7	16.5	7.8	51	0.1	14.5	5.4	178	1.90	52.3	2.7	1.4	10	0.2	0.5	0.3	35	0.08	0.034	13
1240149	Soil	1.1	19.8	9.1	54	<0.1	14.3	5.4	189	2.12	34.1	3.0	1.2	9	0.2	0.6	0.3	42	0.07	0.035	12
1240150	Soil	0.9	16.2	9.5	58	<0.1	16.6	7.6	345	2.18	22.7	3.0	3.3	10	0.2	0.6	0.3	40	0.10	0.043	13
1240151	Soil	0.6	24.6	7.7	54	<0.1	21.4	8.2	339	1.89	16.1	4.1	4.7	19	0.2	0.8	0.1	28	0.19	0.067	14
1240152	Soil	0.7	127.5	25.7	242	0.2	7.6	2.3	66	5.19	962.1	10.6	14.0	6	1.6	12.5	5.3	48	0.02	0.043	32
1240153	Soil	1.2	9.2	10.5	41	<0.1	12.0	5.0	220	3.06	67.8	2.7	4.2	7	0.2	0.8	0.3	62	0.05	0.020	13
1240154	Soil	0.4	8.1	8.8	27	<0.1	8.9	3.1	77	1.45	49.1	5.0	0.2	11	0.2	0.4	1.1	34	0.07	0.034	11
1240155	Soil	0.8	15.3	13.5	83	<0.1	19.5	7.9	282	2.71	52.4	6.1	5.0	17	0.6	0.9	0.3	38	0.09	0.030	14
1240156	Soil	1.1	38.4	13.0	263	0.1	28.7	15.8	427	4.09	133.5	3.9	12.2	197	1.9	0.4	0.4	48	0.30	0.032	21
1240157	Soil	1.2	43.2	24.7	679	0.5	28.0	21.1	2323	3.75	203.3	12.3	6.7	32	8.5	0.9	1.0	38	0.50	0.073	59
1238161	Soil	0.9	15.6	16.1	146	2.5	11.7	4.7	265	2.18	10.8	1.5	2.6	9	0.8	0.5	2.1	37	0.10	0.062	16
1238162	Soil	1.0	21.4	14.0	154	0.9	13.7	8.2	871	2.09	10.6	1.5	6.4	11	4.6	0.5	0.9	39	0.10	0.039	19
1238163	Soil	1.1	16.3	14.7	95	0.6	10.4	3.7	228	1.72	10.1	27.6	3.3	9	0.6	0.6	1.8	31	0.10	0.042	15
1238164	Soil	1.1	13.2	13.2	154	0.8	14.2	8.9	2484	2.01	10.5	25.3	3.3	12	1.1	0.6	1.3	36	0.11	0.054	11
1238165	Soil	1.9	13.0	19.3	145	0.6	11.0	6.7	479	1.74	7.0	4.9	6.3	14	1.5	0.4	1.5	30	0.16	0.037	13
1238166	Soil	1.4	23.6	21.0	89	1.0	11.1	6.2	556	1.96	8.6	14.4	12.4	16	0.7	0.5	2.4	33	0.18	0.047	27
1238167	Soil	2.7	15.5	33.4	86	1.5	13.8	20.0	1859	2.45	9.9	4.3	8.9	20	1.0	0.4	3.1	46	0.22	0.045	19
1238168	Soil	1.1	19.7	25.2	105	0.7	15.9	7.1	664	2.36	8.2	3.1	15.7	17	0.3	0.7	2.9	37	0.20	0.064	26
1238169	Soil	2.2	20.1	25.1	77	0.8	12.7	6.1	476	2.03	7.8	<0.5	9.8	29	0.5	0.4	3.1	43	0.37	0.046	21
1238170	Soil	1.5	14.5	17.2	85	0.5	18.3	7.0	230	2.50	11.1	<0.5	5.5	10	0.3	0.6	1.1	48	0.10	0.039	12
1238171	Soil	1.0	11.1	15.4	91	0.5	16.4	7.5	269	2.21	10.8	0.6	4.5	12	0.5	0.5	0.8	44	0.14	0.074	11
1238172	Soil	1.0	28.5	18.2	67	1.5	25.6	8.9	455	2.64	13.5	3.5	8.0	9	0.3	0.8	0.4	48	0.08	0.027	13
1238173	Soil	0.9	9.8	20.7	76	0.2	15.7	5.2	256	2.23	10.3	21.2	13.0	12	0.3	0.5	1.2	37	0.11	0.068	11
1238174	Soil	1.1	38.8	16.3	64	0.4	23.7	8.5	406	2.56	12.9	6.2	9.2	11	0.2	0.8	0.4	46	0.09	0.024	13

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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: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 10, 2012

CERTIFICATE OF ANALYSIS DAW12000068.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Sn	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	1	0.2
1240142	Soil	19	0.24	79	0.022	<1	1.00	0.006	0.05	0.3	0.05	0.7	0.2	0.07	4	<0.5	<1	<0.2
1240143	Soil	18	0.10	48	0.050	1	0.68	0.005	0.03	0.2	0.01	1.1	0.3	<0.05	8	<0.5	2	<0.2
1240144	Soil	20	0.36	59	0.040	<1	0.92	0.004	0.05	0.3	0.02	1.5	0.1	<0.05	5	<0.5	1	<0.2
1240145	Soil	32	0.87	143	0.108	1	2.05	0.040	0.22	1.2	0.02	3.8	0.3	<0.05	7	<0.5	4	<0.2
1240146	Soil	19	0.30	77	0.022	<1	1.11	0.005	0.06	0.5	0.04	1.2	0.2	<0.05	4	<0.5	1	<0.2
1240147	Soil	28	0.40	87	0.052	<1	1.38	0.005	0.11	0.6	0.02	2.4	0.3	<0.05	5	<0.5	2	<0.2
1240148	Soil	21	0.34	86	0.035	<1	1.00	0.008	0.06	0.4	0.02	1.7	0.2	<0.05	4	<0.5	<1	<0.2
1240149	Soil	26	0.35	89	0.036	<1	1.26	0.005	0.07	0.3	0.03	1.8	0.2	<0.05	5	<0.5	1	<0.2
1240150	Soil	25	0.35	114	0.028	<1	1.22	0.005	0.05	0.3	0.02	2.4	0.3	<0.05	4	<0.5	1	<0.2
1240151	Soil	17	0.35	194	0.031	<1	0.79	0.006	0.04	0.2	0.02	2.5	0.1	<0.05	2	<0.5	<1	<0.2
1240152	Soil	28	0.07	64	0.003	<1	1.71	0.003	0.04	0.1	0.02	2.6	1.1	<0.05	7	<0.5	6	<0.2
1240153	Soil	26	0.35	62	0.047	<1	1.19	0.004	0.05	0.2	0.02	2.2	0.2	<0.05	6	<0.5	<1	<0.2
1240154	Soil	17	0.23	75	0.019	<1	0.91	0.004	0.03	0.4	0.02	0.8	0.1	<0.05	5	<0.5	<1	<0.2
1240155	Soil	28	0.41	100	0.036	<1	1.70	0.006	0.05	0.3	0.03	3.3	0.2	<0.05	5	<0.5	2	<0.2
1240156	Soil	39	0.65	198	0.067	<1	2.40	0.017	0.20	0.6	0.02	3.6	0.3	0.05	9	<0.5	4	<0.2
1240157	Soil	35	0.48	97	0.012	<1	2.09	0.008	0.13	0.2	0.04	3.8	0.7	<0.05	7	<0.5	5	<0.2
1238161	Soil	17	0.34	89	0.019	<1	1.41	0.004	0.08	2.3	0.04	1.6	0.3	<0.05	5	<0.5	2	<0.2
1238162	Soil	17	0.28	121	0.041	<1	1.06	0.007	0.06	1.3	0.02	2.2	0.2	<0.05	5	<0.5	1	<0.2
1238163	Soil	12	0.22	62	0.037	1	0.62	0.004	0.07	1.9	0.02	1.6	0.2	<0.05	4	<0.5	2	<0.2
1238164	Soil	16	0.28	167	0.034	<1	0.93	0.005	0.05	1.0	0.03	1.8	0.1	<0.05	4	<0.5	<1	<0.2
1238165	Soil	15	0.28	144	0.034	<1	0.82	0.004	0.07	1.4	0.02	2.1	0.2	<0.05	4	<0.5	2	<0.2
1238166	Soil	14	0.30	147	0.028	<1	1.06	0.005	0.10	1.9	0.03	2.7	0.3	<0.05	5	<0.5	2	<0.2
1238167	Soil	19	0.32	286	0.035	1	1.25	0.008	0.10	1.8	0.02	2.7	0.3	<0.05	6	<0.5	2	<0.2
1238168	Soil	19	0.39	192	0.057	<1	1.35	0.006	0.11	3.6	0.03	3.9	0.4	<0.05	6	<0.5	2	<0.2
1238169	Soil	18	0.30	245	0.033	2	1.17	0.007	0.08	2.1	0.02	2.6	0.3	<0.05	5	<0.5	2	<0.2
1238170	Soil	23	0.36	179	0.037	1	1.29	0.005	0.06	1.5	0.02	2.4	0.2	<0.05	5	<0.5	2	<0.2
1238171	Soil	21	0.32	231	0.027	1	1.22	0.005	0.06	0.8	0.02	1.8	0.1	<0.05	4	<0.5	<1	<0.2
1238172	Soil	28	0.43	201	0.042	<1	1.64	0.006	0.04	0.3	0.05	2.8	0.1	<0.05	4	<0.5	<1	<0.2
1238173	Soil	17	0.32	142	0.016	<1	1.33	0.005	0.08	0.6	0.02	2.4	0.2	<0.05	5	<0.5	2	<0.2
1238174	Soil	28	0.45	151	0.041	<1	1.63	0.006	0.06	0.4	0.02	2.3	0.1	<0.05	4	<0.5	<1	<0.2

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www.acmelab.com

Client: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 10, 2012

CERTIFICATE OF ANALYSIS DAW12000068.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1238175	Soil	1.1	8.1	19.2	69	0.4	9.6	4.6	392	1.99	8.3	2.3	5.3	11	0.3	0.4	1.0	43	0.11	0.056	10
1238176	Soil	1.1	25.8	20.1	70	0.6	12.9	4.5	246	2.04	8.5	<0.5	8.2	14	0.2	0.5	0.8	37	0.13	0.044	20
1238177	Soil	1.0	11.2	14.8	53	0.4	13.5	5.5	227	2.44	12.5	<0.5	5.2	9	0.1	0.6	0.3	49	0.08	0.068	11
1238178	Soil	0.9	10.6	12.3	59	0.1	15.0	5.5	262	2.26	12.1	1.2	7.2	11	0.3	0.7	0.2	39	0.12	0.066	12
1238179	Soil	1.0	10.5	12.4	90	0.1	15.6	6.2	351	2.23	11.5	4.5	6.5	11	0.3	0.6	0.2	42	0.13	0.084	13
1238180	Soil	0.8	12.3	12.7	95	0.6	19.7	8.2	343	2.29	10.9	1.8	5.7	18	0.7	0.7	0.2	44	0.18	0.033	12
1238181	Soil	1.4	15.4	15.7	80	0.1	21.7	8.4	348	2.60	12.0	1.5	10.9	19	0.2	1.0	0.4	49	0.19	0.028	16
1238182	Soil	1.5	13.5	13.7	66	0.3	17.2	6.7	261	2.41	10.2	0.8	7.7	18	0.1	0.5	0.8	46	0.24	0.054	16
1238183	Soil	1.3	19.8	13.2	74	<0.1	21.8	8.1	307	2.52	11.5	9.1	9.4	20	<0.1	0.8	0.9	44	0.28	0.053	17
1238184	Soil	1.4	26.0	14.9	74	0.2	22.8	7.8	278	2.46	19.5	16.2	8.7	21	0.2	1.1	0.8	42	0.27	0.055	20
1238185	Soil	1.0	22.4	23.4	72	0.5	13.2	5.3	384	1.78	9.2	<0.5	15.6	19	0.3	0.6	2.3	30	0.27	0.072	27
1239389	Soil	0.6	24.1	11.8	135	0.5	16.4	7.5	214	2.10	16.4	2.6	4.5	8	0.8	0.6	0.4	38	0.06	0.031	12
1239390	Soil	0.6	24.0	19.1	222	0.6	14.6	6.1	354	2.17	20.7	2.8	3.0	10	2.2	0.6	0.6	34	0.11	0.075	13
1239391	Soil	0.9	23.2	17.1	123	0.3	18.6	7.6	283	2.24	17.1	2.8	5.7	7	0.6	0.7	0.4	40	0.06	0.032	13
1239392	Soil	1.1	21.4	27.2	231	0.7	18.5	11.4	1779	2.56	16.4	<0.5	3.2	9	3.0	0.6	0.8	39	0.08	0.064	14
1239393	Soil	0.9	19.4	15.7	105	0.7	23.9	7.7	246	2.62	18.9	<0.5	6.0	8	0.8	0.8	0.4	46	0.08	0.032	13
1239394	Soil	0.7	23.5	14.3	210	0.7	20.9	6.8	263	2.34	22.4	<0.5	3.7	10	1.4	0.6	0.7	38	0.11	0.029	13
1239395	Soil	0.9	23.5	13.0	438	0.6	19.9	6.4	257	1.99	19.8	7.4	5.0	7	1.4	0.7	1.1	30	0.08	0.031	11
1239396	Soil	1.0	20.8	16.8	421	0.9	21.6	7.3	468	2.39	19.1	<0.5	4.7	9	2.3	0.8	1.3	39	0.08	0.028	13
1239397	Soil	0.7	16.0	12.6	474	1.1	15.8	7.0	724	2.14	15.8	0.5	3.7	14	2.2	0.5	1.2	40	0.14	0.057	11
1239398	Soil	0.8	15.1	10.3	117	0.5	18.4	6.9	210	2.08	23.7	1.1	4.2	8	0.6	0.7	0.5	35	0.08	0.024	11
1239399	Soil	0.7	12.7	9.6	117	0.3	16.6	5.9	195	2.13	21.0	2.3	4.4	10	0.7	0.6	0.3	38	0.09	0.027	11
1239400	Soil	1.0	11.4	11.9	138	0.3	14.2	5.6	204	2.32	16.6	3.0	4.4	9	0.6	0.5	0.7	40	0.08	0.032	12
1239401	Soil	1.2	39.7	15.8	322	0.4	25.5	9.9	410	2.86	18.3	1.8	8.4	13	1.0	0.7	2.4	45	0.11	0.025	20
1239402	Soil	0.8	17.9	13.4	105	0.2	25.6	8.9	198	2.07	15.9	<0.5	4.4	14	0.5	0.7	0.9	31	0.16	0.059	11
1239403	Soil	0.8	28.3	10.8	129	0.2	23.1	7.8	253	2.30	12.9	1.3	5.5	11	0.4	0.6	1.0	37	0.11	0.034	13
1239404	Soil	0.9	20.2	12.1	160	0.4	21.0	7.5	308	2.53	13.9	12.5	5.0	13	0.4	0.5	1.5	42	0.13	0.034	13
1239405	Soil	1.0	21.1	12.4	138	0.3	25.0	8.4	428	2.45	13.2	1.2	5.1	19	0.6	0.5	1.3	40	0.21	0.047	14
1239406	Soil	0.9	15.8	11.9	74	0.2	20.3	6.8	250	2.09	14.3	2.1	4.2	14	0.3	0.8	0.6	33	0.15	0.033	10
1239407	Soil	0.8	14.3	11.0	58	0.3	19.8	6.3	208	2.03	15.4	4.0	4.0	12	0.5	0.7	0.5	29	0.13	0.030	10

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	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Sn	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	1	0.2
1238175	Soil	17	0.26	158	0.028	<1	1.01	0.005	0.05	0.3	0.02	1.7	0.1	<0.05	4	<0.5	2	<0.2
1238176	Soil	18	0.32	151	0.024	2	1.22	0.007	0.06	0.3	0.02	2.3	0.3	<0.05	5	<0.5	2	<0.2
1238177	Soil	21	0.30	133	0.030	<1	1.21	0.006	0.04	0.3	0.02	2.0	0.1	<0.05	4	<0.5	<1	<0.2
1238178	Soil	20	0.31	135	0.026	<1	1.10	0.005	0.05	0.3	0.02	2.0	0.1	<0.05	4	<0.5	<1	<0.2
1238179	Soil	19	0.32	181	0.025	<1	1.17	0.006	0.05	0.3	0.02	2.2	0.2	<0.05	5	<0.5	<1	<0.2
1238180	Soil	23	0.36	304	0.029	<1	1.25	0.006	0.07	0.3	0.02	2.5	0.1	<0.05	4	<0.5	<1	<0.2
1238181	Soil	26	0.43	307	0.035	<1	1.45	0.008	0.07	0.4	0.02	3.1	0.2	<0.05	5	<0.5	2	<0.2
1238182	Soil	23	0.45	269	0.040	<1	1.31	0.008	0.06	0.6	0.02	3.2	0.2	<0.05	5	<0.5	2	<0.2
1238183	Soil	23	0.43	408	0.031	2	1.30	0.007	0.06	0.6	0.03	3.6	0.1	<0.05	5	<0.5	1	<0.2
1238184	Soil	25	0.43	384	0.037	1	1.20	0.019	0.06	0.6	0.02	3.3	<0.1	<0.05	4	<0.5	2	<0.2
1238185	Soil	14	0.31	199	0.035	1	0.85	0.008	0.07	1.8	0.05	2.8	0.2	<0.05	4	<0.5	2	<0.2
1239389	Soil	22	0.34	132	0.033	2	1.21	0.004	0.06	0.4	0.04	2.1	0.2	<0.05	4	<0.5	<1	<0.2
1239390	Soil	21	0.29	117	0.029	<1	0.97	0.004	0.08	0.8	0.02	1.9	0.2	<0.05	4	<0.5	1	<0.2
1239391	Soil	25	0.36	107	0.037	2	1.31	0.004	0.06	0.8	0.01	2.6	0.2	<0.05	4	<0.5	2	<0.2
1239392	Soil	25	0.37	160	0.036	1	1.18	0.004	0.10	1.1	0.03	2.1	0.3	<0.05	5	<0.5	8	<0.2
1239393	Soil	27	0.43	139	0.052	2	1.63	0.005	0.08	0.8	0.04	3.3	0.2	<0.05	4	<0.5	1	<0.2
1239394	Soil	24	0.41	143	0.046	1	1.21	0.005	0.08	0.9	0.03	2.4	0.2	<0.05	4	<0.5	1	<0.2
1239395	Soil	18	0.32	100	0.030	<1	0.99	0.006	0.05	1.2	0.03	1.9	0.2	<0.05	3	<0.5	2	<0.2
1239396	Soil	23	0.38	167	0.035	1	1.29	0.004	0.07	1.5	0.03	2.3	0.2	<0.05	4	<0.5	3	<0.2
1239397	Soil	20	0.36	307	0.034	<1	1.13	0.004	0.07	1.2	0.02	1.9	0.2	<0.05	4	<0.5	2	<0.2
1239398	Soil	20	0.32	138	0.035	2	1.12	0.005	0.07	0.9	0.03	1.9	0.1	<0.05	3	<0.5	<1	<0.2
1239399	Soil	22	0.37	160	0.037	<1	1.20	0.005	0.07	0.6	0.01	1.9	0.1	<0.05	3	<0.5	1	<0.2
1239400	Soil	22	0.36	123	0.037	1	1.23	0.005	0.08	1.5	0.03	2.3	0.3	<0.05	4	<0.5	1	<0.2
1239401	Soil	31	0.58	195	0.067	<1	1.87	0.008	0.19	5.5	0.02	3.4	0.7	<0.05	6	<0.5	4	<0.2
1239402	Soil	18	0.34	135	0.032	1	1.06	0.005	0.08	1.9	0.02	1.9	0.2	<0.05	3	<0.5	1	<0.2
1239403	Soil	25	0.50	154	0.052	<1	1.44	0.005	0.09	2.3	0.03	2.6	0.3	<0.05	4	<0.5	2	<0.2
1239404	Soil	26	0.47	202	0.050	2	1.48	0.005	0.10	3.5	0.01	2.9	0.4	<0.05	5	<0.5	2	<0.2
1239405	Soil	29	0.57	264	0.061	4	1.53	0.006	0.14	3.3	0.02	2.8	0.4	<0.05	5	0.7	3	<0.2
1239406	Soil	19	0.36	178	0.037	1	1.05	0.004	0.09	1.4	0.02	2.1	0.1	<0.05	3	<0.5	1	<0.2
1239407	Soil	19	0.33	141	0.035	<1	0.94	0.006	0.08	1.1	0.02	2.0	0.1	<0.05	3	<0.5	<1	<0.2

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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: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 10, 2012

CERTIFICATE OF ANALYSIS DAW12000068.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1239408	Soil	0.9	25.4	21.3	105	0.2	23.8	10.7	422	2.61	13.0	<0.5	6.2	11	0.5	0.5	0.9	41	0.13	0.020	14
1239409	Soil	0.8	17.4	12.2	64	0.2	18.2	6.0	158	2.12	13.9	<0.5	3.6	7	0.2	0.5	0.6	35	0.10	0.072	11
1239410	Soil	1.3	38.0	19.8	114	0.4	25.9	9.3	332	2.73	13.8	7.2	7.8	14	0.4	0.5	1.8	42	0.11	0.025	16
1239411	Soil	0.8	24.9	10.7	71	0.2	20.2	6.9	225	2.00	12.3	20.2	6.3	11	0.3	0.7	0.5	32	0.15	0.050	15
1239412	Soil	0.8	30.8	11.0	60	0.2	21.0	8.0	283	2.04	19.5	19.6	6.9	12	0.3	0.9	0.4	30	0.17	0.053	27
1239413	Soil	1.0	24.4	15.8	114	0.2	22.6	8.4	275	2.26	12.1	9.2	5.5	14	0.3	0.5	1.0	41	0.21	0.036	14
1239414	Soil	1.4	16.5	31.4	435	1.0	17.8	9.0	1734	2.04	6.2	6.8	4.5	16	6.0	0.5	1.3	35	0.22	0.086	15
1239415	Soil	1.2	23.8	15.5	57	0.4	21.2	7.2	173	2.17	16.2	2.5	4.6	6	0.2	1.3	0.3	37	0.06	0.020	11
1239416	Soil	0.7	43.7	19.3	74	0.5	14.5	4.5	115	1.82	16.9	7.5	7.2	4	0.4	0.7	0.6	28	0.03	0.016	17
1239417	Soil	2.0	32.6	47.3	371	2.3	18.1	6.8	348	2.28	13.5	<0.5	7.9	13	1.3	0.7	3.5	39	0.15	0.029	13
1239418	Soil	1.5	18.4	41.4	927	0.7	14.3	7.7	1249	2.45	14.1	<0.5	16.6	16	6.1	0.5	4.1	38	0.25	0.096	20
1239419	Soil	1.3	23.6	15.9	86	0.6	21.4	7.0	155	2.03	35.7	5.6	10.4	10	0.5	0.8	1.8	32	0.15	0.042	14
1239420	Soil	1.0	27.1	19.4	78	0.3	22.2	6.9	159	2.36	16.0	20.9	7.5	13	0.3	0.8	1.9	42	0.19	0.037	13
1239421	Soil	1.3	36.5	16.0	73	0.5	27.7	7.5	180	2.46	15.5	10.2	8.1	11	0.2	0.9	1.1	43	0.15	0.029	13
1239422	Soil	1.8	32.7	32.4	425	0.7	13.5	6.1	304	2.05	11.9	41.0	13.2	10	1.8	1.2	5.5	35	0.12	0.027	18
1239423	Soil	2.7	15.2	16.2	241	1.1	12.7	6.1	395	1.69	8.5	23.9	6.1	12	1.8	0.6	2.0	32	0.19	0.031	14
1239424	Soil	3.1	12.1	12.5	160	0.9	11.0	4.6	305	1.47	8.4	19.8	4.9	9	2.4	0.5	1.7	31	0.12	0.048	13
1239425	Soil	1.3	57.3	21.3	98	0.7	28.8	8.7	304	2.63	18.6	8.1	9.9	19	0.2	1.4	1.8	42	0.25	0.056	29
1239426	Soil	1.3	42.2	33.7	178	0.7	21.2	9.2	502	2.40	12.3	2.6	10.0	18	0.8	1.0	3.9	46	0.33	0.028	17

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www.acmelab.com

Client: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 10, 2012

CERTIFICATE OF ANALYSIS DAW12000068.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Sn	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	1	0.2
1239408	Soil	34	0.52	215	0.057	2	1.43	0.006	0.20	1.7	0.02	2.8	0.4	<0.05	5	<0.5	5	<0.2
1239409	Soil	21	0.34	94	0.027	2	1.00	0.004	0.06	1.3	0.02	1.8	0.2	<0.05	3	<0.5	1	<0.2
1239410	Soil	33	0.51	241	0.076	1	1.48	0.007	0.22	4.3	0.02	3.2	0.6	<0.05	5	<0.5	3	<0.2
1239411	Soil	20	0.36	162	0.032	2	0.86	0.006	0.07	1.5	0.03	2.4	0.2	<0.05	3	<0.5	<1	<0.2
1239412	Soil	18	0.36	122	0.032	1	0.78	0.008	0.05	0.8	0.03	3.3	0.2	<0.05	2	0.7	<1	<0.2
1239413	Soil	26	0.50	231	0.054	<1	1.35	0.008	0.11	2.5	0.01	2.7	0.3	<0.05	4	<0.5	3	<0.2
1239414	Soil	21	0.35	504	0.038	2	1.04	0.007	0.11	2.4	0.02	2.5	0.2	<0.05	4	<0.5	2	<0.2
1239415	Soil	22	0.35	129	0.027	<1	1.10	0.005	0.04	0.3	0.02	1.9	0.1	<0.05	3	<0.5	1	<0.2
1239416	Soil	18	0.27	67	0.028	1	0.78	0.004	0.04	0.4	0.04	3.7	0.1	<0.05	2	<0.5	1	<0.2
1239417	Soil	22	0.41	200	0.014	1	1.26	0.006	0.06	0.4	0.02	2.0	0.3	<0.05	4	<0.5	4	<0.2
1239418	Soil	18	0.31	398	0.013	1	1.68	0.006	0.13	0.6	0.02	3.3	0.5	<0.05	7	<0.5	4	<0.2
1239419	Soil	19	0.32	115	0.017	1	1.04	0.004	0.07	1.7	0.01	2.3	0.2	<0.05	3	<0.5	1	<0.2
1239420	Soil	25	0.37	212	0.031	2	1.15	0.005	0.09	0.8	0.02	2.6	0.1	<0.05	3	0.6	5	<0.2
1239421	Soil	27	0.44	162	0.036	2	1.33	0.005	0.09	0.6	<0.01	2.6	0.1	<0.05	4	<0.5	2	<0.2
1239422	Soil	16	0.27	157	0.018	1	1.06	0.005	0.08	1.0	0.02	2.3	0.5	<0.05	5	<0.5	3	<0.2
1239423	Soil	18	0.33	150	0.028	1	0.90	0.005	0.06	0.4	0.02	1.9	0.2	<0.05	3	<0.5	2	<0.2
1239424	Soil	14	0.26	157	0.020	1	0.77	0.004	0.04	0.5	0.02	1.5	0.2	<0.05	3	<0.5	1	<0.2
1239425	Soil	28	0.48	241	0.041	2	1.19	0.014	0.08	0.5	0.07	5.8	0.1	<0.05	4	<0.5	6	<0.2
1239426	Soil	25	0.43	410	0.030	2	1.40	0.011	0.08	0.5	0.02	3.5	0.2	<0.05	5	0.6	4	<0.2

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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 10, 2012

QUALITY CONTROL REPORT DAW12000068.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
1238752	Soil	0.7	35.6	24.7	414	0.8	22.2	8.1	374	2.41	70.5	13.0	8.9	19	1.8	0.7	1.0	28	0.10	0.027	21
REP 1238752	QC	0.7	35.1	24.6	416	0.8	21.6	7.7	369	2.38	69.5	4.4	9.1	19	1.8	0.7	1.0	27	0.10	0.026	21
1238762	Soil	0.5	94.1	30.7	542	0.7	26.9	13.0	388	2.44	40.2	2.2	9.9	18	3.1	0.5	1.0	25	0.16	0.036	26
REP 1238762	QC	0.6	97.4	29.9	551	0.7	27.2	13.4	404	2.53	40.5	1.9	10.1	18	3.0	0.5	0.9	25	0.16	0.037	26
1239751	Soil	0.7	17.0	9.9	79	<0.1	19.7	9.8	340	2.38	24.0	5.2	3.2	12	0.4	0.6	0.3	35	0.12	0.052	14
REP 1239751	QC	0.6	16.8	9.9	77	<0.1	18.7	9.5	329	2.30	24.4	20.2	3.1	12	0.4	0.6	0.4	33	0.12	0.049	13
1239761	Soil	1.1	10.5	12.4	51	<0.1	14.3	6.6	270	2.36	36.0	3.8	4.6	11	0.1	0.7	0.2	44	0.09	0.017	12
REP 1239761	QC	1.0	10.3	12.4	52	<0.1	14.6	6.6	259	2.31	36.9	3.1	4.3	11	0.1	0.7	0.2	43	0.09	0.017	12
1239930	Soil	0.7	18.4	32.5	150	0.2	17.4	7.9	409	1.64	18.6	1.6	4.9	41	0.9	0.8	0.3	21	0.63	0.037	17
REP 1239930	QC	0.7	18.0	31.0	150	0.2	16.9	7.8	411	1.64	18.6	2.8	4.8	41	1.0	0.8	0.2	21	0.62	0.037	17
1239940	Soil	1.1	73.1	40.3	702	0.6	36.3	11.7	546	2.92	105.5	3.4	12.0	38	6.7	1.0	2.2	24	0.57	0.054	35
REP 1239940	QC	0.9	71.1	40.7	708	0.6	35.2	11.6	541	2.88	103.6	1.4	12.5	39	6.6	1.1	2.2	23	0.54	0.055	35
1240150	Soil	0.9	16.2	9.5	58	<0.1	16.6	7.6	345	2.18	22.7	3.0	3.3	10	0.2	0.6	0.3	40	0.10	0.043	13
REP 1240150	QC	1.0	15.6	9.5	59	<0.1	15.8	7.6	358	2.20	22.3	3.4	3.4	10	0.1	0.6	0.2	40	0.09	0.047	13
1238163	Soil	1.1	16.3	14.7	95	0.6	10.4	3.7	228	1.72	10.1	27.6	3.3	9	0.6	0.6	1.8	31	0.10	0.042	15
REP 1238163	QC	1.1	16.5	14.2	96	0.6	10.4	3.5	224	1.71	14.5	12.9	3.4	9	0.4	0.7	1.7	31	0.09	0.042	16
1239392	Soil	1.1	21.4	27.2	231	0.7	18.5	11.4	1779	2.56	16.4	<0.5	3.2	9	3.0	0.6	0.8	39	0.08	0.064	14
REP 1239392	QC	1.2	21.2	27.6	225	0.8	18.5	11.6	1719	2.47	15.9	<0.5	3.3	9	2.9	0.6	0.8	39	0.08	0.071	14
1239402	Soil	0.8	17.9	13.4	105	0.2	25.6	8.9	198	2.07	15.9	<0.5	4.4	14	0.5	0.7	0.9	31	0.16	0.059	11
REP 1239402	QC	0.8	18.0	13.4	103	0.2	25.9	8.6	209	2.11	15.8	3.4	4.4	14	0.5	0.8	0.9	32	0.16	0.057	10
1239426	Soil	1.3	42.2	33.7	178	0.7	21.2	9.2	502	2.40	12.3	2.6	10.0	18	0.8	1.0	3.9	46	0.33	0.028	17
REP 1239426	QC	1.6	42.9	34.4	190	0.8	21.7	9.2	496	2.45	11.9	2.7	9.8	19	0.8	1.1	4.1	46	0.35	0.029	18
Reference Materials																					
STD DS9	Standard	13.2	102.8	123.9	299	1.9	37.8	7.0	581	2.30	25.9	111.9	6.6	78	2.1	5.9	6.7	43	0.73	0.083	13
STD DS9	Standard	12.2	102.7	115.1	285	1.7	38.4	7.1	560	2.22	25.3	118.7	6.4	80	2.3	6.0	6.0	40	0.69	0.082	13
STD DS9	Standard	11.6	101.3	115.6	292	1.7	38.8	6.9	542	2.18	24.6	102.0	6.4	78	2.4	5.9	6.4	38	0.66	0.081	13
STD DS9	Standard	12.0	101.4	115.5	286	1.7	37.4	6.9	524	2.16	24.0	117.4	6.3	75	2.3	5.9	6.2	38	0.65	0.080	13
STD DS9	Standard	12.1	98.0	115.8	282	1.7	36.8	7.1	533	2.15	24.6	101.3	6.4	77	2.4	6.1	6.4	38	0.66	0.078	12

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Project: BM
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Sn	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	1	0.2
Pulp Duplicates																		
1238752	Soil	23	0.48	144	0.030	<1	1.35	0.005	0.13	0.6	0.02	2.6	0.4	<0.05	5	<0.5	4	<0.2
REP 1238752	QC	22	0.48	141	0.030	<1	1.35	0.005	0.14	0.6	0.01	2.7	0.4	<0.05	4	<0.5	5	<0.2
1238762	Soil	23	0.49	121	0.036	<1	1.36	0.005	0.22	0.3	0.02	2.2	0.4	<0.05	5	<0.5	6	<0.2
REP 1238762	QC	24	0.50	125	0.033	2	1.40	0.005	0.22	0.3	0.01	2.3	0.3	<0.05	5	<0.5	5	<0.2
1239751	Soil	26	0.39	104	0.045	1	1.38	0.006	0.07	0.4	0.03	2.7	0.2	<0.05	4	<0.5	1	<0.2
REP 1239751	QC	25	0.39	100	0.044	<1	1.31	0.006	0.07	0.4	0.03	2.5	0.2	<0.05	4	<0.5	1	<0.2
1239761	Soil	26	0.41	101	0.036	<1	1.47	0.006	0.04	0.4	0.02	2.6	0.2	<0.05	5	<0.5	<1	<0.2
REP 1239761	QC	25	0.41	99	0.035	<1	1.47	0.006	0.04	0.4	0.02	2.6	0.2	<0.05	5	<0.5	<1	<0.2
1239930	Soil	16	0.35	156	0.019	2	0.92	0.010	0.06	0.4	0.02	2.0	0.1	<0.05	3	<0.5	1	<0.2
REP 1239930	QC	17	0.34	162	0.019	2	0.92	0.010	0.06	0.3	0.02	1.9	0.1	<0.05	3	<0.5	1	<0.2
1239940	Soil	30	0.52	99	0.022	2	1.36	0.013	0.14	0.3	0.02	2.8	0.4	<0.05	4	<0.5	16	<0.2
REP 1239940	QC	30	0.53	101	0.022	2	1.41	0.013	0.13	0.5	0.01	2.8	0.4	<0.05	4	<0.5	16	<0.2
1240150	Soil	25	0.35	114	0.028	<1	1.22	0.005	0.05	0.3	0.02	2.4	0.3	<0.05	4	<0.5	1	<0.2
REP 1240150	QC	24	0.37	113	0.031	<1	1.22	0.006	0.05	0.3	0.02	2.3	0.3	<0.05	4	<0.5	1	<0.2
1238163	Soil	12	0.22	62	0.037	1	0.62	0.004	0.07	1.9	0.02	1.6	0.2	<0.05	4	<0.5	2	<0.2
REP 1238163	QC	12	0.21	60	0.036	<1	0.60	0.004	0.06	2.1	0.02	1.6	0.2	<0.05	4	<0.5	1	<0.2
1239392	Soil	25	0.37	160	0.036	1	1.18	0.004	0.10	1.1	0.03	2.1	0.3	<0.05	5	<0.5	8	<0.2
REP 1239392	QC	25	0.37	158	0.039	1	1.21	0.004	0.10	1.2	0.01	2.3	0.4	<0.05	5	<0.5	8	<0.2
1239402	Soil	18	0.34	135	0.032	1	1.06	0.005	0.08	1.9	0.02	1.9	0.2	<0.05	3	<0.5	1	<0.2
REP 1239402	QC	18	0.35	134	0.033	1	1.00	0.005	0.08	2.0	0.04	2.0	0.2	<0.05	3	<0.5	<1	<0.2
1239426	Soil	25	0.43	410	0.030	2	1.40	0.011	0.08	0.5	0.02	3.5	0.2	<0.05	5	0.6	4	<0.2
REP 1239426	QC	25	0.42	413	0.030	1	1.35	0.011	0.08	0.5	0.02	3.6	0.2	<0.05	5	<0.5	4	<0.2
Reference Materials																		
STD DS9	Standard	116	0.59	306	0.111	3	0.94	0.096	0.36	2.7	0.22	3.1	5.5	0.14	5	6.6	6	5.2
STD DS9	Standard	113	0.58	299	0.126	3	0.92	0.089	0.36	2.9	0.17	3.2	5.3	0.14	5	4.6	6	5.2
STD DS9	Standard	113	0.59	293	0.121	3	0.91	0.090	0.34	2.9	0.20	2.7	5.1	0.17	5	5.0	6	4.6
STD DS9	Standard	110	0.56	285	0.118	3	0.86	0.086	0.33	2.8	0.17	2.6	5.2	0.20	4	4.9	6	4.9
STD DS9	Standard	113	0.60	291	0.113	2	0.89	0.084	0.34	3.0	0.22	2.6	5.2	0.14	5	5.8	6	5.0

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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: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 10, 2012

QUALITY CONTROL REPORT DAW12000068.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001	1DX15 La ppm 1
STD DS9	Standard	14.6	112.8	127.3	320	1.8	42.8	8.1	601	2.43	25.9	119.9	6.9	74	2.5	5.3	6.3	44	0.73	0.089	14
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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www.acmelab.com

Client: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 10, 2012

QUALITY CONTROL REPORT DAW12000068.1

		1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Sn ppm 1	1DX15 Te ppm 0.2
STD DS9	Standard	130	0.65	305	0.119	3	1.01	0.104	0.40	3.0	0.21	3.2	5.8	0.18	5	5.7	7	5.2
STD DS9 Expected		121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2		5.02
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<1	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<1	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<1	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<1	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<1	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<1	<0.2

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Appendix IV: Rock Sample Assay Certificates

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Submitted By: Bruce Durham
Receiving Lab: Canada-Whitehorse
Received: June 29, 2012
Report Date: July 06, 2012
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI12000189.1

CLIENT JOB INFORMATION

Project: BM
Shipment ID: BM Rx1
P.O. Number
Number of Samples: 33

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	33	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	33	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	33	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Goldspike Exploration Inc.
56th Floor - 100 King Street West
Toronto ON M5X 1C9
Canada

CC: Daniel Ferraro

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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.

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 06, 2012

CERTIFICATE OF ANALYSIS WHI12000189.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1206071	Rock	0.56	<2	0.2	3.5	82.1	34	1.2	0.9	0.5	535	0.40	20.6	1.9	3.8	1	0.5	0.4	<0.1	<2	<0.01
1206072	Rock	0.62	<2	0.2	54.6	43.3	218	1.7	2.2	1.5	145	1.30	14.2	5.4	3.9	3	0.5	0.4	0.9	4	0.01
1206073	Rock	0.69	<2	0.2	76.0	228.6	350	4.9	11.1	3.0	414	2.89	47.7	2.4	3.0	3	0.3	0.8	1.4	9	0.03
1206074	Rock	0.54	<2	0.2	75.9	243.3	354	4.0	12.2	3.0	430	3.05	48.2	3.1	3.0	4	0.3	0.9	1.4	8	0.04
1206075	Rock	0.54	<2	0.3	29.9	3.2	9	0.2	2.5	1.7	90	0.89	6.7	1.2	1.8	2	<0.1	<0.1	2.9	<2	0.03
1206076	Rock	0.59	<2	0.2	13.5	9.5	158	0.7	3.1	2.0	486	1.52	26.3	2.4	2.4	<1	0.5	0.3	0.8	3	<0.01
1206077	Rock	0.64	<2	0.1	3.1	3.4	34	<0.1	13.5	5.6	185	0.88	17.8	0.5	2.5	49	<0.1	0.1	0.1	4	0.33
1206078	Rock	0.48	<2	0.2	5.2	5.0	145	<0.1	10.7	3.8	261	1.18	3.9	2.0	8.8	7	0.4	<0.1	0.1	9	0.05
1206079	Rock	0.59	<2	0.1	4.3	5.1	12	<0.1	4.3	1.5	134	0.66	0.8	<0.5	9.5	8	<0.1	<0.1	<0.1	4	0.06
1206080	Rock	0.77	<2	0.3	24.9	14.8	147	0.3	19.2	4.5	318	1.62	53.4	1.8	9.0	28	1.4	0.2	0.4	16	0.30
1206081	Rock	1.08	<2	0.2	6.9	17.8	95	<0.1	9.5	3.5	195	1.22	5.2	0.6	8.0	4	0.2	0.4	<0.1	15	0.05
1206082	Rock	0.84	<2	0.2	9.8	7.0	58	0.3	7.5	2.7	489	1.57	6.8	<0.5	6.0	3	0.2	<0.1	0.4	5	0.04
1205833	Rock	1.38	10	1.5	15.7	14.0	46	0.2	3.0	3.9	340	3.03	43.6	11.1	17.2	133	0.3	0.1	1.8	45	1.20
1205834	Rock	1.86	23	0.2	4.7	4.6	1565	0.2	11.4	5.9	1913	2.32	11.8	244.3	9.9	115	13.9	0.9	5.2	8	3.51
1205835	Rock	1.79	<2	0.3	1.1	1.5	59	<0.1	9.3	4.1	711	1.05	12.8	10.6	4.2	197	0.3	0.4	0.5	7	3.42
1205836	Rock	1.78	9	0.3	3.2	2.7	298	0.1	8.9	8.2	5300	7.54	8.0	13.0	3.0	59	1.1	0.9	3.2	5	6.06
1205837	Rock	1.68	22	12.1	7.7	1.4	275	0.1	3.7	4.2	1169	1.20	16.4	36.4	2.8	19	2.4	0.8	17.2	4	3.32
1205838	Rock	1.35	<2	0.2	1.7	1.0	137	<0.1	10.1	5.8	3117	4.65	14.6	1.2	9.9	4	0.4	0.1	0.2	9	0.11
1205870	Rock	0.52	<2	0.6	6.6	6.7	96	<0.1	1.1	1.3	242	1.36	0.8	0.9	32.0	5	0.5	<0.1	0.9	7	0.20
1205871	Rock	0.94	<2	0.5	48.1	23.7	141	1.0	1.1	1.4	460	0.70	2.6	2.7	33.5	4	1.1	0.4	12.5	<2	0.39
1205673	Rock	0.88	88	1.5	45.4	9.8	80	1.1	6.1	2.1	233	2.06	11.9	94.7	9.8	19	<0.1	0.2	197.7	8	0.02
1205674	Rock	0.59	<2	0.3	5.5	8.6	27	<0.1	1.0	0.5	125	0.64	0.7	6.8	19.0	3	<0.1	<0.1	2.3	<2	0.10
1205675	Rock	0.63	<2	0.5	2.9	2.9	54	<0.1	13.3	3.7	426	1.45	4.9	3.8	20.3	8	0.2	<0.1	1.3	11	0.24
1205676	Rock	0.62	<2	0.5	37.4	18.3	166	0.6	26.7	7.5	711	4.14	15.3	2.5	15.6	13	0.5	0.1	0.3	26	0.13
1205677	Rock	0.74	<2	0.2	8.9	2.7	56	<0.1	24.0	9.6	412	3.01	5.5	0.8	11.3	8	<0.1	<0.1	0.3	26	0.08
1205678	Rock	0.62	<2	1.1	44.6	3.8	47	<0.1	26.3	8.1	389	2.43	17.9	1.4	17.6	20	0.2	0.2	0.3	23	0.19
1205679	Rock	0.68	<2	0.4	55.2	3.3	106	0.4	61.0	21.8	793	5.66	21.7	2.0	12.1	26	0.3	<0.1	0.2	57	0.78
1205680	Rock	0.74	<2	0.3	2.5	4.0	87	<0.1	2.2	4.0	416	2.27	0.5	0.7	25.8	14	0.1	<0.1	0.1	28	0.36
1205681	Rock	0.97	<2	0.6	13.3	27.7	21	0.8	1.0	0.4	57	0.81	18.9	1.3	2.1	4	<0.1	8.3	1.2	<2	0.01
1205682	Rock	0.75	<2	0.2	2.3	7.7	99	<0.1	1.6	1.7	428	1.73	0.7	1.3	29.3	6	0.2	<0.1	0.2	10	0.21

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56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 06, 2012

CERTIFICATE OF ANALYSIS WHI12000189.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Sn	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	1	0.2
1206071	Rock	0.005	4	3	0.02	32	<0.001	<20	0.14	0.003	0.11	<0.1	<0.01	0.3	<0.05	0.3	<0.5	<1	<1	<0.2
1206072	Rock	0.007	5	5	0.06	72	<0.001	<20	0.28	0.005	0.13	2.1	<0.01	0.4	<0.05	0.6	<0.5	1	1	<0.2
1206073	Rock	0.018	8	12	0.26	54	0.005	<20	0.91	0.005	0.15	0.2	<0.01	0.3	<0.05	1.5	<0.5	3	3	<0.2
1206074	Rock	0.018	9	13	0.24	59	0.005	<20	0.92	0.006	0.17	0.2	<0.01	0.3	<0.05	1.5	<0.5	3	4	<0.2
1206075	Rock	0.008	1	6	0.05	18	0.003	<20	0.21	0.005	0.09	0.5	<0.01	0.2	<0.05	0.3	<0.5	<1	2	<0.2
1206076	Rock	0.012	3	7	0.12	14	0.001	<20	0.48	0.002	0.06	0.3	<0.01	0.1	<0.05	0.5	<0.5	1	2	<0.2
1206077	Rock	0.037	3	10	0.16	73	0.010	<20	0.91	0.049	0.10	0.1	<0.01	0.2	<0.05	0.7	<0.5	2	2	<0.2
1206078	Rock	0.011	11	17	0.19	66	0.031	<20	0.62	0.032	0.19	0.2	<0.01	0.3	<0.05	1.4	<0.5	2	2	<0.2
1206079	Rock	0.012	10	7	0.11	47	0.023	<20	0.32	0.039	0.12	<0.1	<0.01	<0.1	<0.05	0.6	<0.5	1	<1	<0.2
1206080	Rock	0.024	13	23	0.22	292	0.046	<20	1.20	0.063	0.10	0.7	<0.01	0.1	<0.05	2.1	<0.5	4	17	<0.2
1206081	Rock	0.010	10	20	0.23	56	0.025	<20	0.63	0.022	0.13	<0.1	<0.01	0.1	<0.05	1.7	<0.5	3	<1	<0.2
1206082	Rock	0.009	8	12	0.16	39	0.010	<20	0.59	0.014	0.09	0.1	<0.01	0.1	<0.05	0.9	<0.5	2	<1	<0.2
1205833	Rock	0.101	26	34	0.89	93	0.165	<20	2.66	0.317	0.33	0.5	<0.01	0.4	0.44	5.1	<0.5	10	2	<0.2
1205834	Rock	0.051	13	13	0.18	19	0.072	<20	1.16	0.014	0.04	0.6	<0.01	0.2	<0.05	1.8	<0.5	4	35	<0.2
1205835	Rock	0.062	5	9	0.17	6	0.049	<20	3.09	0.101	0.02	1.4	<0.01	<0.1	<0.05	0.7	<0.5	8	27	<0.2
1205836	Rock	0.038	11	12	0.34	14	0.023	<20	0.57	0.003	0.02	5.3	0.02	0.3	0.05	2.8	<0.5	2	68	<0.2
1205837	Rock	0.046	23	6	0.08	5	0.040	<20	0.54	0.002	<0.01	92.1	<0.01	<0.1	<0.05	0.7	<0.5	3	24	<0.2
1205838	Rock	0.022	19	26	0.42	33	0.004	<20	1.60	<0.001	0.07	0.4	<0.01	0.2	<0.05	2.3	<0.5	6	9	<0.2
1205870	Rock	0.027	31	3	0.13	68	0.057	<20	0.71	0.064	0.41	2.4	<0.01	0.8	<0.05	3.5	<0.5	6	3	<0.2
1205871	Rock	0.027	25	3	0.03	38	0.003	<20	0.53	0.061	0.23	4.0	<0.01	0.3	<0.05	0.9	<0.5	3	2	<0.2
1205673	Rock	0.018	16	13	0.19	93	0.051	<20	1.08	0.026	0.60	>100	<0.01	1.6	<0.05	1.9	1.8	10	5	0.6
1205674	Rock	0.012	12	3	0.05	28	0.004	<20	0.35	0.049	0.17	37.3	<0.01	0.2	<0.05	1.2	<0.5	2	<1	<0.2
1205675	Rock	0.055	37	18	0.18	102	0.011	81	0.99	0.016	0.31	0.4	<0.01	0.4	<0.05	1.4	<0.5	4	4	<0.2
1205676	Rock	0.058	38	41	1.00	122	0.025	<20	2.29	0.021	0.42	0.3	<0.01	0.8	<0.05	2.6	<0.5	7	3	<0.2
1205677	Rock	0.018	20	35	0.69	89	0.079	<20	1.73	0.038	0.60	0.4	<0.01	0.8	<0.05	3.6	<0.5	6	2	<0.2
1205678	Rock	0.083	41	30	0.46	129	0.054	22	1.58	0.024	0.74	0.4	<0.01	1.8	<0.05	3.2	<0.5	5	6	<0.2
1205679	Rock	0.379	39	67	1.26	177	0.111	<20	3.38	0.039	0.77	0.3	<0.01	1.5	<0.05	9.4	<0.5	11	2	<0.2
1205680	Rock	0.091	34	6	0.41	297	0.195	<20	1.15	0.061	0.74	1.2	<0.01	1.2	<0.05	7.0	<0.5	8	7	<0.2
1205681	Rock	0.009	4	3	<0.01	26	<0.001	<20	0.15	0.001	0.07	0.2	<0.01	0.4	<0.05	0.1	<0.5	<1	<1	<0.2
1205682	Rock	0.044	35	4	0.16	132	0.089	<20	0.98	0.051	0.59	1.0	<0.01	1.6	<0.05	4.3	<0.5	8	6	<0.2

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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: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 06, 2012

CERTIFICATE OF ANALYSIS WHI12000189.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1205683	Rock	1.44	<2	2.1	138.8	8.8	165	0.1	1.3	0.8	84	1.51	1.5	5.5	32.2	5	1.2	0.2	5.3	2	0.06
1205684	Rock	0.86	<2	0.6	396.8	7.7	75	6.2	0.8	1.1	89	1.00	3.2	1.5	40.0	6	0.5	0.2	4.2	<2	0.65
1205685	Rock	1.30	<2	0.7	11.0	1.6	30	<0.1	1.1	0.6	101	0.60	1.5	0.7	35.8	4	0.2	0.2	0.4	<2	0.80

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56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 06, 2012

CERTIFICATE OF ANALYSIS WHI12000189.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Sn	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	1	0.2
1205683	Rock	0.030	26	3	0.04	37	0.005	<20	0.37	0.051	0.18	0.9	<0.01	0.3	<0.05	0.9	<0.5	3	2	<0.2
1205684	Rock	0.029	26	2	0.02	42	0.005	<20	0.88	0.093	0.51	1.6	<0.01	0.6	<0.05	1.1	0.9	6	21	<0.2
1205685	Rock	0.028	2	4	0.01	11	0.005	257	0.24	0.024	0.05	0.8	<0.01	<0.1	<0.05	0.5	<0.5	2	1	<0.2

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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 06, 2012

QUALITY CONTROL REPORT WHI12000189.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1206076	Rock	0.59	<2	0.2	13.5	9.5	158	0.7	3.1	2.0	486	1.52	26.3	2.4	2.4	<1	0.5	0.3	0.8	3	<0.01
REP 1206076	QC			0.2	13.6	9.1	157	0.7	3.0	1.8	466	1.46	25.0	3.3	2.3	<1	0.5	0.3	0.8	3	<0.01
1206082	Rock	0.84	<2	0.2	9.8	7.0	58	0.3	7.5	2.7	489	1.57	6.8	<0.5	6.0	3	0.2	<0.1	0.4	5	0.04
REP 1206082	QC		<2																		
Core Reject Duplicates																					
1205681	Rock	0.97	<2	0.6	13.3	27.7	21	0.8	1.0	0.4	57	0.81	18.9	1.3	2.1	4	<0.1	8.3	1.2	<2	0.01
DUP 1205681	QC		<2	0.7	13.9	26.5	20	0.8	1.0	0.3	62	0.82	18.3	1.2	2.2	4	0.1	7.8	1.2	<2	0.01
Reference Materials																					
STD DS9	Standard			12.5	113.8	120.0	319	1.8	40.7	7.8	599	2.42	26.5	100.5	6.2	72	2.4	5.0	6.5	39	0.71
STD OREAS45CA	Standard			1.0	498.7	18.4	61	0.3	227.8	92.6	940	16.35	4.2	45.6	6.5	15	<0.1	0.2	0.1	193	0.43
STD OXC88	Standard		206																		
STD OXC88	Standard		204																		
STD OXG99	Standard		961																		
STD OXG99	Standard		969																		
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265
STD OXG99 Expected			932																		
STD OXC88 Expected			203																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<2																		
BLK	Blank		<2																		
Prep Wash																					
G1-WHI	Prep Blank		<2	0.1	2.8	2.8	45	<0.1	2.6	4.0	595	1.96	<0.5	3.0	5.7	69	<0.1	<0.1	<0.1	36	0.49
G1-WHI	Prep Blank		<2	0.1	2.7	2.8	49	<0.1	2.5	4.1	590	2.11	<0.5	3.0	5.8	72	<0.1	<0.1	<0.1	39	0.51

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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: **Goldspike Exploration Inc.**
56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: BM
Report Date: July 06, 2012

QUALITY CONTROL REPORT WHI12000189.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Sn	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	1	0.2
Pulp Duplicates																				
1206076	Rock	0.012	3	7	0.12	14	0.001	<20	0.48	0.002	0.06	0.3	<0.01	0.1	<0.05	0.5	<0.5	1	2	<0.2
REP 1206076	QC	0.012	3	7	0.12	14	0.001	<20	0.44	0.002	0.06	0.3	<0.01	0.1	<0.05	0.4	<0.5	1	2	<0.2
1206082	Rock	0.009	8	12	0.16	39	0.010	<20	0.59	0.014	0.09	0.1	<0.01	0.1	<0.05	0.9	<0.5	2	<1	<0.2
REP 1206082	QC																			
Core Reject Duplicates																				
1205681	Rock	0.009	4	3	<0.01	26	<0.001	<20	0.15	0.001	0.07	0.2	<0.01	0.4	<0.05	0.1	<0.5	<1	<1	<0.2
DUP 1205681	QC	0.008	4	3	<0.01	24	<0.001	<20	0.15	0.001	0.07	0.2	<0.01	0.4	<0.05	0.2	<0.5	<1	<1	<0.2
Reference Materials																				
STD DS9	Standard	0.087	12	127	0.62	336	0.112	<20	0.96	0.084	0.40	2.7	0.20	5.3	0.17	2.5	5.9	5	7	5.3
STD OREAS45CA	Standard	0.039	15	722	0.13	164	0.132	<20	3.56	0.013	0.07	<0.1	0.02	<0.1	<0.05	43.9	0.7	18	2	<0.2
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXG99	Standard																			
STD OXG99	Standard																			
STD DS9 Expected		0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	5.3	0.1615	2.5	5.2	4.59		5.02
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	0.07	0.021	39.7	0.5	18.4		
STD OXG99 Expected																				
STD OXC88 Expected																				
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<1	<0.2
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1-WHI	Prep Blank	0.074	12	6	0.48	158	0.127	<20	0.91	0.099	0.47	<0.1	<0.01	0.3	<0.05	2.3	<0.5	5	<1	<0.2
G1-WHI	Prep Blank	0.083	13	5	0.52	179	0.138	<20	0.96	0.099	0.50	<0.1	<0.01	0.3	<0.05	2.5	<0.5	5	<1	<0.2

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