ASSESSMENT REPORT

2012 GEOCHEMICAL PROGRAM

on the

Bix Property

Mayo Mining District, Yukon Territory

for

Goldspike Exploration Inc.

Claims filed for: 'SP' 87 – 'SP' 100 (YD93687 – YD93700),
'SP' 101 – 'SP' 151 (YD93901 – YD93951),
'SP' 153 – 'SP' 227 (YD93953 – YD94027),
'SP' 230 – 'SP' 236 (YD94030 – YD94036)
NTS Mapsheets: 115P15
UTM Coordinates: E420000, N7080000 (NAD83, Zone8)
Owner: Goldspike Exploration Inc.
Author: D. Ferraro, HBSc.
Dates worked performed: June 24th, 2012

TABLE OF CONTENTS

1.0 Summary 1
2.0 Introduction 2
3.0 Property Location and Access 2
4.0 Topography, Vegetation, and Climate 3
5.0 Property Description 4
6.0 Property History 12
7.0 Geology
    7.1 Regional Geology 13
    7.2 Property Geology 13
8.0 2011 Work Program
    8.1 Sampling Method and Approach 16
    8.2 Sample Preparation, Analysis, and QA/QC 16
    8.3 Results 17
9.0 Conclusions and Recommendations 23
References 24
Statement of Expenditures 25
Certificates of Qualifications 26

Figures, Photos, and Tables

Figure 1: General Location of the Bix Property 2
Figure 2: Claim Location Map 11
Figure 3: Regional Bedrock Geology 15
Figure 4: Sample Location Map 19
Figure 5: Sample Geochemistry Map - Gold 20
Figure 6: Sample Geochemistry Map – Arsenic 21
Figure 7: Sample Geochemistry Map – Silver 22

Photo 1: Example of physiography on the Property 3
Photo 2: Rock sample 1205839 18
Photo 3: Rock sample 1205843 18

Table 1: List of claims 4

Appendices

Appendix I: Soil Sample Descriptions 27
Appendix II: Silt Sample Descriptions 32
Appendix III: Rock Sample Descriptions 34
Appendix IV: Soil Sample Assay Certificates 38
Appendix V: Silt Sample Assay Certificates 56
Appendix VI: Rock Sample Assay Certificates 62

1.0 SUMMARY

A short, 1 day prospecting and soil sampling program was carried out on the Bix Property on June 24th, 2012. The Property is 100% owned by Goldspike Exploration Inc. and consists of 235 quartz mineral claims, covering an area of approximately 4,912 hectares in the Mayo Mining District.

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

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 Sunshine Creek stock partially lies within the central part of the Property, and consists of quartz monzonite, cut by several late-stage aplite and quartz-feldspar porphyritic dykes. The larger Boulder Creek stock lies south of the Property, and consists of a coarse-grained megacrystic quartz monzonite. The Sunshine A and B showings (Minfile 115P 031) are located within the Property peripheral to the Sunshine Creek stock. Both are classified as breccia zones and consist of quartzite fragments within a quartz-orthoclase-tourmaline-cassiterite matrix. Drilling by Cominco in 1979 at the Sunshine A resulted in a tin intersection of 0.28% Sn across 7.6 m. Anomalous values of tin, silver, copper, lead and zinc were intersected in two drill holes at Sunshine B.

The 2012 program consisted of a crew of 6 soil samplers, 1 prospector and one geologist collecting 171 soil samples, 2 silt samples, and 43 rock samples. However, only 68 soil samples and 39 rock samples were taken from the actual property, and thus claimed for assessment credit. Two areas, Zappa Creek and a tributary of Sprague Creek were surveyed to follow-up on results from Goldspike's 2011 program. One other area of partially unstaked land was reconnaissance sampled due to its proximity to the Sunshine Creek and Big Creek Stocks.

The Zappa Creek area showed significant silver, copper, lead, zinc, arsenic, and tin anomalies in talus, outcrop and soil samples. The Sprague Creek area showed similar, but less anomalous results. The unstaked area southeast of the property showed few anomalous results, with some sporadic gold, silver and base metal anomalies in the soil samples.

The Bix Property is located in a geological setting favourable to intrusion-related gold deposits. The Zappa Creek area shows significant potential, but requires a trenching program and ground geophysics to determine further action. Sprague Creek is a lower priority target, but would benefit from a trenching program. The reconnaissance program on unstaked land did not yield significant results and is not recommended to be staked.

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 Bix 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 this report are from the 2011 report on the Bix 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 358 km north of Whitehorse, 43 km northwest of the community of Mayo and 52 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˚ 50' 50" north, and longitude 136˚ 36' 23" west. The Property can be accessed by helicopter from Mayo, or alternatively from Dawson City to the west.

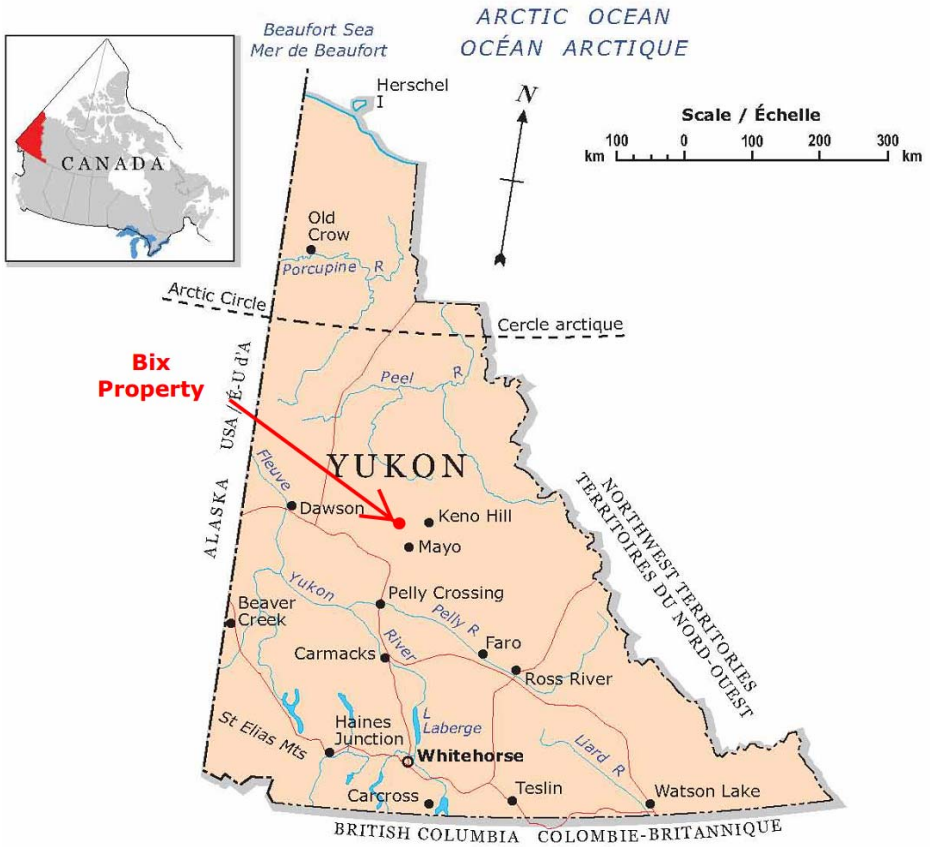


Figure 1: General location of the Bix Property (modified from NRCAN, 2006).

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 730 metres along the lower reaches of Sprague Creek, to 1,790 metres on a ridge along the southwest side of the Property. Drainage is via Boulder Creek in the southern; Sunshine Creek in the central; and Sprague Creek in the northern part of the Property. These creeks 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 Bix Property.

5.0 PROPERTY DESCRIPTION

The Property consists of a large block of 235 quartz mineral claims, lying as two separate blocks of 7 and 228 claims that are separated by 100 m at the south end of the Property – although Figure 2 and the government claim map show the blocks to be contiguous. The Property stretches about 13 km northeast-southwest, and up to 5.5 km across, covering an area of approximately 4,912 hectares in the Mayo Mining District. 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 172 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 Bix Property.

Claim Name	Claim Number	Grant Number	Claim Owner (100%)	Status	Claim Expiry Date
SP	1	YD93601	Goldspike Exploration Inc.	Active	01/03/2016
SP	2	YD93602	Goldspike Exploration Inc.	Active	01/03/2016
SP	3	YD93603	Goldspike Exploration Inc.	Active	01/03/2016
SP	4	YD93604	Goldspike Exploration Inc.	Active	01/03/2016
SP	5	YD93605	Goldspike Exploration Inc.	Active	01/03/2016
SP	6	YD93606	Goldspike Exploration Inc.	Active	01/03/2016
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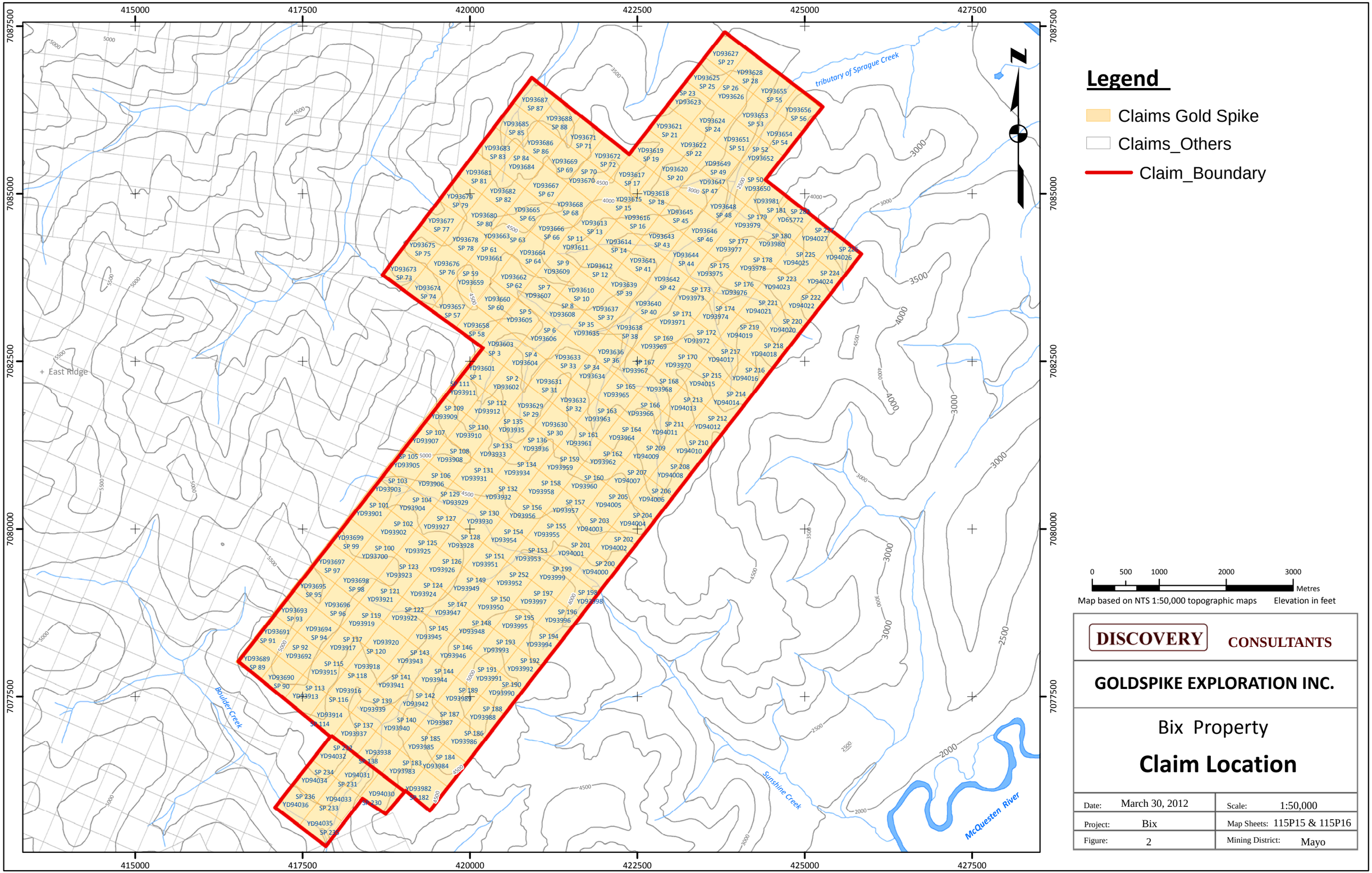
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SP	217	YD94017	Goldspike Exploration Inc.	Active	01/03/2017
SP	218	YD94018	Goldspike Exploration Inc.	Active	01/03/2017
SP	219	YD94019	Goldspike Exploration Inc.	Active	01/03/2017
SP	220	YD94020	Goldspike Exploration Inc.	Active	01/03/2017
SP	221	YD94021	Goldspike Exploration Inc.	Active	01/03/2017
SP	222	YD94022	Goldspike Exploration Inc.	Active	01/03/2017
SP	223	YD94023	Goldspike Exploration Inc.	Active	01/03/2017
SP	224	YD94024	Goldspike Exploration Inc.	Active	01/03/2017
SP	225	YD94025	Goldspike Exploration Inc.	Active	01/03/2017
SP	226	YD94026	Goldspike Exploration Inc.	Active	01/03/2017
SP	227	YD94027	Goldspike Exploration Inc.	Active	01/03/2017
SP	230	YD94030	Goldspike Exploration Inc.	*Application Pending*	01/03/2017
SP	231	YD94031	Goldspike Exploration Inc.	*Application Pending*	01/03/2017
SP	232	YD94032	Goldspike Exploration Inc.	*Application Pending*	01/03/2017
SP	233	YD94033	Goldspike Exploration Inc.	*Application Pending*	01/03/2017

SP	234	YD94034	Goldspike Exploration Inc.	*Application Pending*	01/03/2017
SP	235	YD94035	Goldspike Exploration Inc.	*Application Pending*	01/03/2017
SP	236	YD94036	Goldspike Exploration Inc.	*Application Pending*	01/03/2017
SP	252	YD93952	Goldspike Exploration Inc.	Active	01/03/2016
SP	282	YD65772	Goldspike Exploration Inc.	Active	01/03/2016



DISCOVERY CONSULTANTS

GOLDSPIKE EXPLORATION INC.

Bix Property

Claim Location

Date:	March 30, 2012	Scale:	1:50,000
Project:	Bix	Map Sheets:	115P15 & 115P16
Figure:	2	Mining District:	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. 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 southwest of the current Property (AR 60145). The claims were allowed to lapse.

Cominco worked on the Sunshine Creek Property (Bix, A, and SP claims) in 1979, covering much of the current Property. The exploration focus was tin and tungsten mineralization. Work on the Bix claims included mapping, geochemistry and drilling on two main breccia structures. In total, five diamond drill holes totalling 670 metres were drilled on the periphery of the Sunshine Creek intrusion. Analyses of tin, tungsten, silver, copper, lead and zinc were performed, with results of 0.28% Sn across 7.6 m in hole SC79-4 (AR 91357).

Work on the adjacent SP claims, which covered a tributary of Sprague River, consisted of geological mapping and soil sampling along four reconnaissance-type soil lines (AR 90586). Cominco dropped their option in 1980.

In 1981, the Bix, A and SP claims were optioned to Pacific Ridge Resources Corp, which conducted a limited mapping and silt geochemical program (AR 91357).

During this time, the Cortin Project (CCH Resources, INCO and Billiton Exploration Canada) explored the nearby May Creek - Boulder 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), likely discovered by previous prospectors. The area between Boulder Creek and Sunshine Creek was geologically mapped and a gridded soil sampling program was done upslope from a Boulder Creek tributary called Zappa Creek (AR 90794). This area currently forms the southern part of the Property.

Placer Dome staked the Sun claims in 1991 (covering much of the current Property) and performed geological mapping and sampling in 1992. The focus was on intrusion-hosted gold mineralization, prompted by the discovery of the Dublin Gulch deposit. The claims were allowed to lapse soon afterwards. The author was not able to retrieve any detailed information on this exploration program.

During 2011 Goldspike Exploration Inc. performed an 18 day soil sampling and prospecting program. Numerous gold and base metal anomalies were discovered (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.

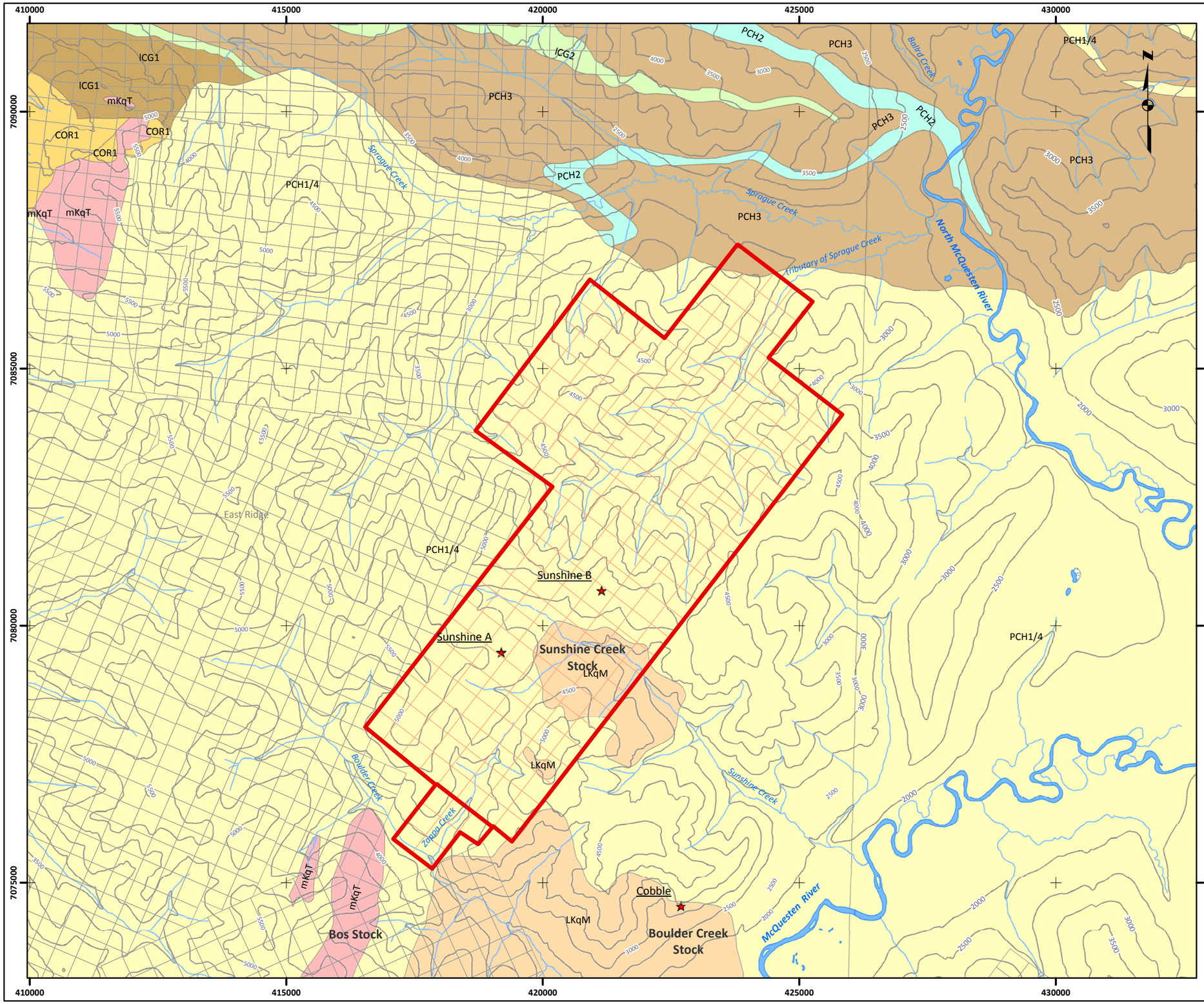
7.2 Property Geology

The Property is underlain by the Yusezyu Formation of the Hyland Group, of Late Proterozoic to Lower Cambrian age (Murphy and Héon, 1994). On the Property, it consists of micaceous schists, quartzites with minor limestones and phyllites. 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 compositional are a biotite-muscovite-bearing suite of granite to quartz monzonite intrusions. The Sunshine Creek stock which lies partially within the Property, consists of quartz monzonite, cut by several late-stage aplite and quartz-feldspar porphyritic dykes (AR 91070). The larger Boulder Creek stock is 5 to 7 km in diameter, lies south 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 periphery (AR 90794). A smaller, mid-Cretaceous quartz monzonite stock, termed the Bos stock, also lies south of the Property. This stock is part of the Tombstone suite of intrusions.

The Sunshine A and B showings (Minfile 115P 031) are located within the Property peripheral to the Sunshine stock. Both are classified as breccia zones and consist of quartzite fragments within a quartz-orthoclase-tourmaline-cassiterite matrix. Sunshine A (a.k.a. West zone) is 1 to 10 m wide and 200 m long. Drilling by Cominco in 1979 resulted in a tin intersection of 0.28% Sn across 7.6 m. Sunshine B (a.k.a. East zone) is 1 to 5 m wide and extends for 10 m. Anomalous values of tin, silver, copper, lead and zinc were intersected in two drill holes (AR 91070).

The area between the Boulder and Sunshine Creek stocks contain several skarns of variable composition that occur as discreet horizons within quartz schists (AR 90794). The mineralogy includes almandine-diopside, grossular-diopside-epidote, almandine-diopside-calcite-axinite, and quartz-calcite-chlorite-epidote. Tourmaline is an accessory mineral in fractures peripheral to the granitic stock; axinite is an accessory mineral in calc-silicate rocks.



Legend

Geology

Cretaceous

- LKqM — granite/quartz monzonite
- mKqT — granite/quartz monzonite/ granodiorite

Devonian-Mississippian

- DME1 — siltstone/sandstone/conglo

Ordovicain-Silurian

- ODR1 — shale/chert

Cambrian-Ordovician

- COR1 — chert/siltstone/phyllite/ limestone/conglo

Cambrian

- ICG1 — mudstone/shale/siltstone/ phyllite/schist
- ICG2 — siltstone/argillite/volcanic

Proterozoic

Hyland Group

- PCH1/4 — phyllite/shale/sandstone/grit/ conglomerate/limestone
- PCH2 — limestone
- PCH3 — slate

★ MinFile_Showings

0 500 1000 2000 3000 4000 5000 Metres

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

DISCOVERY CONSULTANTS

GOLDSPIKE EXPLORATION INC.

Bix Property

Regional Geology

Date:	March 30, 2012	Scale:	1:75,000
Project:	Bix	Map Sheets:	115P15 & 115P16
Figure:	3	Mining District:	Mayo

8.0 2011 WORK PROGRAM

8.1 Sampling Method and Approach

A 1 day geochemical sampling program was conducted on the Bix Property on June 24th, 2012. Working out of a camp, a crew of 6 soil samplers, 1 prospector and one geologist collected 171 soil samples, 2 silt samples, and 43 rock samples (see Figure 4 for sample locations). However, only 68 soil samples and 39 rock samples were taken from the actual property, and thus claimed for assessment credit. The rest were from unstaked land. 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.

Silt samples were taken in major creeks and tributaries. A low energy zone of the stream was located and a collapsible shovel, pan, or hand was used to collect a sample. Sample locations were marked with a GPS unit and flagged with the sample number. Sample conditions, environment and attributes were recorded in a field notebook. Silt sample descriptions can be found in Appendix II.

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 III.

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.

8.3 Results

The 2012 work program had three objectives:

- To follow-up on 2011 survey results in the Zappa Creek area (a tributary of Boulder Creek in the southwest corner of the property),
- To follow up on 2011 survey results near a tributary of Sprague Creek, and
- To perform reconnaissance soil sampling and prospecting on unstaked ground to the southeast of the property.

During the 2011 program, a gossanous area roughly 200 - 300 m north-south was found along an east-facing hillside in the Zappa Creek area (southwest area of the property). Rock grabs from several subcrops of weathered silicified schist and well mineralized breccia with arsenopyrite and chalcopyrite showed promising results. Samples were anomalous in gold (up to 593 ppb Au), silver (>100 ppm Ag), arsenic (>10,000 ppm As), bismuth (240 ppm Bi), copper (2058 ppm Cu), lead (5329 ppm Pb), with elevated tungsten, cobalt and nickel. The 2012 program returned to this area to prospect and soil sample. Soil sampling showed anomalous silver (up to 0.8 ppm), consistently anomalous zinc (up to 580 ppm), and slightly anomalous copper, gold, and arsenic. Prospecting uncovered more quartz breccia and oxidized quartzites assaying for overlimits on silver with significantly anomalous copper, lead, zinc, tin and arsenic values (Photos 2 and 3).

Further to the north at Sprague Creek, a ridge soil sampled in 2011 showed anomalous arsenic, lead, and silver values. This ridge was further sampled during the 2012 program. Silver was consistently anomalous in soil samples (up to 2.3 ppm) with variably anomalous arsenic and one gold anomaly (24.7 ppb Au). Prospecting did not yield any significant samples, partially due to the lack of outcrop.

Reconnaissance soil lines and prospecting was conducted to the southeast of the property, partially on Goldspike claims and partially on unstaked ground. This was to target the ground between the late-Cretaceous aged Sunshine Creek Stock to the north and Boulder Creek Stock to the south. There is also a mid-Cretaceous, Tombstone-age stock, the Bos Stock, to the southwest. The three soil lines showed sporadic anomalies. Six soil samples yielded over 20 ppb Au with one sample, 1240185, assaying 44.8 ppb Au. Other samples showed slightly anomalous copper, arsenic, and tin. Prospecting was unsuccessful at uncovering significant mineralization, however, there is very little outcrop at the lower elevations. See Figures 5 to 7 for results maps and Appendices IV to VI for soil, silt, and rock results.



Photo 2: Sample 1205839 composed of brecciated quartz talus assayed >100 ppm Ag, 528 ppm Cu, 298 ppm Pb, 166 ppm Zn, 2481 ppm As, 68 ppm Sn and 19.9 ppb Au.


Photo 3: Sample 1205843, a heavily oxidized quartzite, assayed 4754 ppm As, 124 ppm Cu, 293 ppm Zn, and 356 ppm Sn.

Bix Property

Fig. 4: Sample Location Map

Goldspike Exploration Inc.

Sunshine Creek area,
Mayo Mining District

Legend

- Rock samples
- Silt samples
- Soil samples
- Bix Property

1:18,000

0 325 650 1,300 1,950 2,600
Meters

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

Sunshine Creek

Boulder Creek

Bix Property

Fig. 5: Sample Geochemistry - Gold

Goldspike Exploration Inc.

Sunshine Creek area,
Mayo Mining District

Legend

Soil samples

Au (ppb)

- 0.5 - 10.0
- 10.1 - 20.0
- 20.1 - 30.0
- 30.1 - 40.0
- 40.1 - 44.3

Rock samples (ppb Au)

Silt samples (ppb Au)

Bix Property

1:18,000

0 325 650 1,300 1,950 2,600
Meters

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

Sunshine Creek

Boulder Creek

415000 416000 417000 418000 419000 420000 421000 422000 423000 424000 425000

7084000 7083000 7082000 7081000 7080000 7079000 7078000 7077000 7076000 7075000

Bix Property

Fig. 6: Sample Geochemistry - Arsenic

Goldspike Exploration Inc.

Sunshine Creek area,
Mayo Mining District

Legend

Soil samples

As (ppm)

- 5.3 - 20.0
- 20.1 - 50.0
- 50.1 - 75.0
- 75.1 - 150.0
- 150.1 - 344.3

Rock samples (ppm As)

Silt samples (ppm As)

Bix Property

1:18,000

0 325 650 1,300 1,950 2,600
Meters

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

Sunshine Creek

Boulder Creek

415000 416000 417000 418000 419000 420000 421000 422000 423000 424000 425000

7084000 7083000 7082000 7081000 7080000 7079000 7078000 7077000 7076000 7075000

Bix Property

Fig. 7: Sample Geochemistry - Silver

Goldspike Exploration Inc.

Sunshine Creek area,
Mayo Mining District

Legend

Soil samples

Ag (ppm)

- 0.1
- 0.2 - 0.4
- 0.5 - 0.8
- 0.9 - 1.4
- 1.5 - 2.3

Rock samples (ppm Ag)

Silt samples (ppm Ag)

Bix Property

1:18,000

0 325 650 1,300 1,950 2,600
Meters

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

415000 416000 417000 418000 419000 420000 421000 422000 423000 424000 425000

7084000 7083000 7082000 7081000 7080000 7079000 7078000 7077000 7076000

Sunshine Creek

Boulder Creek

9.0 CONCLUSIONS AND RECOMMENDATIONS

The Bix Property is located in a geological setting favourable to intrusion-related gold deposits. The adjacent intrusive units and historical work (as well as the lack of gold assaying during past work) make it a desirable exploration target.

The 2011 program outlined numerous zones for further work, showing impressive base metal values, as well as anomalous silver and gold. Due to logistics and budgets, the 2012 program was limited to exploring three targets.

The Zappa Creek area in the south of the property shows the most potential. Talus, outcrop, and soil samples all show significantly anomalous silver, arsenic, lead, copper, zinc, and tin. Gold is sporadically anomalous in the area. As the most anomalous rock samples were taken from talus and felsenmere, this area could benefit from further work such as a trenching program along the ridge as well as a ground magnetics survey. Pending favourable results from this, a simple Winkie Drill operation could be performed.

The area around the tributary to Sprague Creek is also of some interest, showing high silver numbers in soil, but weak prospecting results (partially due to lack of outcrop). This area could also benefit from trenching and a geophysical survey, but is not a high priority.

The area to the southeast of the property between the Sunshine Creek and Big Creek Stocks did not show outwardly significant results. Soil sampling showed sporadic base metal and gold anomalies and prospecting was unsuccessful. It is recommended no further work be done here and the area not be staked.

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Yukon Minfile: 115P 031: Sunshine A, B

STATEMENT OF EXPENDITURES

Costs associated with the Bix Property
Worked June 24th, 2012

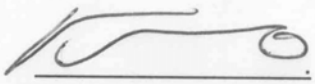
WAGES	6 samples/junior geos	350/day	$2,100.00
	2 prospectors	400/day	$800.00
	cook	350/day	$350.00
	1 geologist	500/day	$500.00
TRANSPORT	helicopter	975/hr (3.6)	$3,510.00
	helicopter fuel		$720.00
	truck fuel		$50.00
	truck rental	150/day	$150.00
ASSAYS	soil sample assay	$18x68 samples	$1,224.00
	silt sample assay		
	rock sample assay	$24x39 samples	$936.00
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		**$14,740.00**

Costs by Block (107 samples total)		**TOTALS**
Block A - 102 samples	95%	**$14,003.00**
Block B - 5 samples	5%	**$737.00**

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

Bix 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				
1238187	420235	7083527	1274	24-Jun-12	SP	50-60	c	yel/orange		40		30	30		weathered bedrock	moist	evergreen forest	mid slope
1238188	420286	7083499	1253	24-Jun-12	SP	50-60	c	yel/orange		20	40	40			weathered bedrock	wet	evergreen forest	mid slope
1238189	420339	7083496	1238	24-Jun-12	SP	30-40	c	yel/orange		40	20		40		weathered bedrock	moist	evergreen forest	mid slope
1238190	420391	7083473	1230	24-Jun-12	SP	30-40	c	yel/orange	10		30	60			weathered bedrock	moist	evergreen forest	mid slope
1238191	420433	7083443	1219	24-Jun-12	SP	30-40	c	yel/orange		30	20	50			weathered bedrock	moist	evergreen forest	mid slope
1238192	420474	7083403	1204	24-Jun-12	SP	30-40	c	yel/orange		30		30	40		weathered bedrock	moist	evergreen forest	mid slope
1238193	420523	7083364	1181	24-Jun-12	SP	30-40	c	yel/orange			30		70		weathered bedrock	moist	evergreen forest	mid slope
1238194	420573	7083341	1169	24-Jun-12	SP	30-40	c	olive grey	20	40		40			weathered bedrock	moist	evergreen forest	mid slope
1238195	420652	7083291		24-Jun-12	SP	40-50	c	yel/orange	30			40	30		weathered bedrock	moist	evergreen forest	mid slope
1238196	420730	7083229	1162	24-Jun-12	SP	30-40	c	yel/orange		30		70			weathered bedrock	moist	evergreen forest	mid slope
1238197	420774	7083190	1153	24-Jun-12	SP	30-40	c	yel/orange				30	70		weathered bedrock	moist	evergreen forest	mid slope
1238198	420813	7083141	1152	24-Jun-12	SP	30-40	c	yel/orange					30	70	weathered bedrock	wet	evergreen forest	mid slope
1238199	420847	7083103	1136	24-Jun-12	SP	30-40	c	yel/orange				30		70	weathered bedrock	wet	evergreen forest	mid slope
1238200	420891	7083072	1122	24-Jun-12	SP	30-40	c	yel/orange			20	80			weathered bedrock	moist	evergreen forest	mid slope
1241001	420919	7083028	1106	24-Jun-12	SP	30-40	c	yel/orange	10		30	60			weathered bedrock	moist	evergreen forest	mid slope
1241002	420944	7082986	1082	24-Jun-12	SP	30-40	c	yel/orange			30	70			weathered bedrock	moist	evergreen forest	mid slope
1241003	420943	7082947	1073	24-Jun-12	SP	40-50	c	yel/orange				30	70		weathered bedrock	dry	evergreen forest	mid slope
1241004	420912	7082919	1074	24-Jun-12	SP	30-40	c	yel/orange			30	70			weathered bedrock	moist	evergreen forest	mid slope
1241005	420864	7082916	1080	24-Jun-12	SP	30-40	c	yel/orange			30				weathered bedrock	moist	evergreen forest	mid slope
1241006	420822	7082935	1080	24-Jun-12	SP	30-40	c	yel/orange	10		20		70		weathered bedrock	moist	evergreen forest	mid slope
1241007	420789	7082968	1094	24-Jun-12	SP	30-40	c	yel/orange				30	70		weathered bedrock	dry	evergreen forest	mid slope
1241008	420743	7082997	1097	24-Jun-12	SP	30-40	c	yel/orange			30			70	weathered bedrock	moist	evergreen forest	mid slope
1241009	420692	7083033	1108	24-Jun-12	SP	20-30	c	yel/orange				30	70		weathered bedrock	wet	evergreen forest	mid slope
1241010	420650	7083051	1120	24-Jun-12	SP	30-40	c	yel/orange				70	30		weathered bedrock	moist	evergreen forest	mid slope
1239762	420425	7077763	1561	24-Jun-12	SP	10-20	b/c	lt brown	5	15				80	weathered bedrock	dry	alpine	ridge top
1239763	420480	7077753	1555	24-Jun-12	SP	10-20	b/c	dk brown	5	15				80	weathered bedrock	dry	alpine	ridge top
1239764	420530	7077747	1546	24-Jun-12	SP	30-40	b/c	lt brown		20				80	weathered bedrock	dry	alpine	mid slope
1239766	420574	7077746	1538	24-Jun-12	SP	20-30	b/c	dk brown		20				80	weathered bedrock	dry	alpine	mid slope
1239767	420624	7077744	1527	24-Jun-12	SP	20-30	b/c	dk brown		10				90	weathered bedrock	dry	alpine	mid slope
1239768	420671	7077744	1509	24-Jun-12	SP	10-20	b/c	dk brown	10	10				80	weathered bedrock	dry	alpine	mid slope
1239769	420729	7077740	1496	24-Jun-12	SP	20-30	b/c	dk brown	10	10				80	weathered bedrock	dry	alpine	mid slope
1239770	420773	7077735	1484	24-Jun-12	SP	30-40	c	lt brown		10				90	weathered bedrock	moist	alpine	mid slope
1239771	420823	7077724	1474	24-Jun-12	SP	40-50	c	lt brown						100	weathered bedrock	moist	alpine	mid slope
1239772	420874	7077723	1468	24-Jun-12	SP	50-60	c	lt brown						100	weathered bedrock	dry	alpine	mid slope
1239773	420926	7077722	1459	24-Jun-12	SP	40-50	c	lt brown						100	weathered bedrock	dry	buck brush	mid slope
1239774	420968	7077719	1458	24-Jun-12	SP	30-40	b/c	lt brown	5	10				85	weathered bedrock	dry	buck brush	mid slope
1239775	421028	7077707	1456	24-Jun-12	SP	50-60	c	lt brown						100	weathered bedrock	wet	buck brush	mid slope
1239776	421076	7077702	1454	24-Jun-12	SP	30-40	b/c	lt brown	5	10				85	weathered bedrock	moist	buck brush	mid slope
1239777	421122	7077700	1453	24-Jun-12	SP	30-40	c	lt brown						100	weathered bedrock	moist	buck brush	mid slope
1239778	421174	7077708	1452	24-Jun-12	SP	20-30	c	lt brown						100	weathered bedrock	moist	buck brush	mid slope
1239779	421222	7077707	1450	24-Jun-12	SP	30-40	c	lt brown	5	10				85	weathered bedrock	moist	buck brush	mid slope
1239780	421274	7077709	1442	24-Jun-12	SP	20-30	b/c	lt brown	5	10				85	weathered bedrock	moist	buck brush	mid slope
1239781	421368	7077723	1398	24-Jun-12	SP	10-20	b/c	dk brown	10	10				80	weathered bedrock	dry	evergreen forest	mid slope
1239782	421424	7077720	1378	24-Jun-12	SP	>80	c	lt brown				50		50	weathered bedrock	dry	evergreen forest	mid slope
1239783	421473	7077728	1364	24-Jun-12	SP	60-70	c	lt brown				50		50	weathered bedrock	dry	evergreen forest	mid slope
1239784	421518	7077738	1351	24-Jun-12	SP	40-50	c	lt brown				50		50	weathered bedrock	dry	evergreen forest	mid slope
1239785	421566	7077746	1340	24-Jun-12	SP	30-40	c		5			45		30	weathered bedrock	moist	evergreen forest	mid slope
1239786	421618	7077745	1329	24-Jun-12	SP	30-40	c	lt brown				50		50	weathered bedrock	dry	evergreen forest	mid slope
1239787	421675	7077746	1320	24-Jun-12	SP	30-40	c	lt brown				50		50	weathered bedrock	dry	evergreen forest	mid slope
1239788	421720	7077750	1312	24-Jun-12	SP	20-30	b/c	lt brown	5			55		40	weathered bedrock	dry	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				
1239789	421773	7077755	1303	24-Jun-12	SP	40-50	c	lt brown				50		50	weathered bedrock	dry	evergreen forest	mid slope
1239790	421817	7077755	1292	24-Jun-12	SP	30-40	c	lt brown				60		40	weathered bedrock	dry	evergreen forest	mid slope
1239791	421872	7077759	1282	24-Jun-12	SP	40-50	c	yel/orange				70		30	weathered bedrock	dry	evergreen forest	mid slope
1239792	421923	7077757	1263	24-Jun-12	SP	70-80	c	lt brown				30		30	weathered bedrock	dry	evergreen forest	mid slope
1239793	422022	7077766	1237	24-Jun-12	SP	40-50	c	lt brown				50		50	weathered bedrock	dry	evergreen forest	mid slope
1239794	422074	7077774	1229	24-Jun-12	SP	50-60	c	lt brown				50		50	weathered bedrock	dry	evergreen forest	mid slope
1239795	422127	7077778	1222	24-Jun-12	SP	40-50	c	lt brown				50		50	weathered bedrock	dry	evergreen forest	mid slope
1239796	422169	7077784	1215	24-Jun-12	SP	60-70	c	lt brown		50		50			weathered bedrock	dry	evergreen forest	mid slope
1239797	422220	7077787	1202	24-Jun-12	SP	50-60	c	lt brown				50		50	weathered bedrock	dry	evergreen forest	mid slope
1239798	422270	7077792	1182	24-Jun-12	SP	50-60	c	lt brown				50		50	weathered bedrock	dry	evergreen forest	mid slope
1239799	422315	7077802	1171	24-Jun-12	SP	40-50	c	lt brown				50		50	weathered bedrock	dry	evergreen forest	mid slope
1239800	422420	7077804	1112	24-Jun-12	SP	>80	c	lt brown				50		50	weathered bedrock	dry	evergreen forest	mid slope
1239801	422465	7077807	1095	24-Jun-12	SP	70-80	c	lt brown		30				70	weathered bedrock	moist	evergreen forest	mid slope
1239802	422618	7077822	1027	24-Jun-12	SP	>80	c	lt grey						100	weathered bedrock	moist	evergreen forest	mid slope
1239803	422668	7077826	1004	24-Jun-12	SP	50-60	c	lt brown		30				70	weathered bedrock	moist	evergreen forest	mid slope
1239804	422717	7077834	984	24-Jun-12	SP	20-30	b/c	lt brown	10					90	weathered bedrock	partially frozen	evergreen forest	mid slope
1239805	422770	7077838	963	24-Jun-12	SP	30-40	b/c	dk brown	10	10				80	weathered bedrock	moist	evergreen forest	mid slope
1239806	422817	7077835	950	24-Jun-12	SP	70-80	c	lt grey						100	weathered bedrock	moist	evergreen forest	valley bottom
1239807	422859	7077841	935	24-Jun-12	SP	70-80	c	lt grey						100	weathered bedrock	moist	evergreen forest	valley bottom
1240158	421723	7075782	1451	24-Jun-12	SP	40-50	c	dk brown		25				75	talus	moist	alpine	ridge top
1240159	421848	7075821	1440	24-Jun-12	SP	30-40	c	dk brown		25				75	talus	moist	buck brush	ridge top
1240160	421884	7075830	1438	24-Jun-12	SP	30-40	c	dk brown		20				80	talus	moist	buck brush	mid slope
1240161	421931	7075854	1433	24-Jun-12	SP	30-40	c	dk brown		20				80	weathered bedrock	moist	buck brush	mid slope
1240162	421962	7075888	1431	24-Jun-12	SP	20-30	c	dk brown	5	25				70	talus	moist	buck brush	mid slope
1240163	421987	7075927	1423	24-Jun-12	SP	40-50	c	lt brown		20				80	weathered bedrock	moist	buck brush	mid slope
1240164	422006	7075978	1414	24-Jun-12	SP	30-40	c	dk brown		25				75	weathered bedrock	moist	buck brush	mid slope
1240165	422032	7076019	1403	24-Jun-12	SP	30-40	c	lt brown		10				90	weathered bedrock	moist	evergreen forest	mid slope
1240166	422045	7076067	1393	24-Jun-12	SP	60-70	c	lt brown		10				90	weathered bedrock	moist	evergreen forest	mid slope
1240167	422073	7076110	1385	24-Jun-12	SP	40-50	c	lt brown		20				80	weathered bedrock	moist	evergreen forest	mid slope
1240168	422093	7076151	1378	24-Jun-12	SP	20-30	c	lt brown	40	10				50	talus	moist	evergreen forest	mid slope
1240169	422117	7076196	1374	24-Jun-12	SP	20-30	b/c	dk brown	25	10				65	weathered bedrock	moist	evergreen forest	mid slope
1240170	422142	7076296	1354	24-Jun-12	SP	30-40	c	dk brown		10				90	weathered bedrock	moist	evergreen forest	mid slope
1240171	422145	7076342	1346	24-Jun-12	SP	30-40	c	lt brown		20				80	weathered bedrock	moist	evergreen forest	mid slope
1240172	422153	7076398	1340	24-Jun-12	SP	30-40	c	lt brown		10				90	weathered bedrock	moist	evergreen forest	mid slope
1240173	422156	7076443	1331	24-Jun-12	SP	20-30	b/c	lt brown	10	5				85	weathered bedrock	moist	evergreen forest	mid slope
1240174	422161	7076496	1318	24-Jun-12	SP	30-40	c	lt brown		20				80	weathered bedrock	moist	evergreen forest	mid slope
1240175	422165	7076536	1311	24-Jun-12	SP	20-30	b/c	dk brown	30	10				60	weathered bedrock	moist	evergreen forest	mid slope
1240176	422166	7076594	1301	24-Jun-12	SP	20-30	b/c	lt brown		30				70	loess	saturated	evergreen forest	mid slope
1240177	422182	7076641	1294	24-Jun-12	SP	20-30	b/c	dk brown	30	5				65	loess	moist	evergreen forest	mid slope
1240178	422197	7076691	1280	24-Jun-12	SP	20-30	b/c	lt brown	20					80	talus	moist	evergreen forest	mid slope
1240179	422208	7076736	1270	24-Jun-12	SP	30-40	c	lt brown		20				80	weathered bedrock	moist	evergreen forest	mid slope
1240180	422220	7076790	1261	24-Jun-12	SP	10-20	b	dk brown	60					40	talus	moist	evergreen forest	mid slope
1240181	422246	7076884	1239	24-Jun-12	SP	20-30	b/c	lt brown	20					80	talus	moist	evergreen forest	mid slope
1240182	422253	7076931	1231	24-Jun-12	SP	20-30	b/c	lt brown	10	10				80	talus	moist	evergreen forest	mid slope
1240183	422299	7077023	1199	24-Jun-12	SP	10-20	b	dk brown	60					40	talus	dry	evergreen forest	mid slope
1240184	422344	7077104	1160	24-Jun-12	SP	30-40	b	dk brown	70					30	talus	moist	evergreen forest	mid slope
1240185	422439	7077244	1089	24-Jun-12	SP	10-20	b	dk brown	70					30	talus	moist	evergreen forest	mid slope
1240186	422548	7077335	1042	24-Jun-12	SP	10-20	b	lt brown	40					60	talus	moist	evergreen forest	mid slope
1240187	422678	7077443	1008	24-Jun-12	SP	20-30	b/c	dk brown	25	10				65	talus	moist	evergreen forest	mid slope
1240188	422738	7077478	990	24-Jun-12	SP	30-40	c	lt brown		20				80	weathered bedrock	moist	evergreen forest	mid slope
1240189	422822	7077531	970	24-Jun-12	SP	30-40	b/c	lt brown	20	10				70	weathered bedrock	moist	evergreen forest	mid slope
1240190	422909	7077579	946	24-Jun-12	SP	30-40	b/c	dk brown	10	20				70	weathered bedrock	moist	evergreen forest	mid slope
1239944	421398	7075715	1492	24-Jun-12	SP	40-50	c	lt brown		20		80			weathered bedrock	dry	alpine	ridge top
1239945	421381	7075757	1474	24-Jun-12	SP	30-40	c	lt brown		20		80			weathered bedrock	dry	alpine	ridge top
1239946	421361	7075810	1457	24-Jun-12	SP	30-40	c	lt brown		40		60			weathered bedrock	dry	alpine	valley bottom
1239947	421357	7075844	1445	24-Jun-12	SP	20-30	c	lt grey		40		60			weathered bedrock	dry	alpine	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				
1239948	421342	7075891	1431	24-Jun-12	SP	20-30	c	lt brown		10		90			weathered bedrock	dry	evergreen forest	mid slope
1239949	421310	7075928	1416	24-Jun-12	SP	20-30	c	lt brown		30		70			weathered bedrock	dry	evergreen forest	mid slope
1239950	421292	7076008	1392	24-Jun-12	SP	20-30	c	lt brown		30		70			weathered bedrock	dry	evergreen forest	mid slope
1239951	421280	7076031	1383	24-Jun-12	SP	20-30	c	lt brown		30		70			weathered bedrock	dry	evergreen forest	mid slope
1239952	421250	7076073	1372	24-Jun-12	SP	20-30	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1239953	421221	7076126	1361	24-Jun-12	SP	30-40	c	lt brown		40		60			weathered bedrock	dry	evergreen forest	mid slope
1239954	421192	7076174	1351	24-Jun-12	SP	20-30	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1239955	421178	7076206	1346	24-Jun-12	SP	20-30	c	lt brown		10		90			weathered bedrock	dry	evergreen forest	mid slope
1239956	421152	7076259	1334	24-Jun-12	SP	30-40	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1239957	421131	7076287	1328	24-Jun-12	SP	20-30	c	lt brown		10		90			weathered bedrock	dry	evergreen forest	mid slope
1239958	421102	7076332	1319	24-Jun-12	SP	30-40	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1239959	421061	7076377	1309	24-Jun-12	SP	30-40	c	lt brown		10		90			weathered bedrock	dry	evergreen forest	mid slope
1239960	421025	7076402	1311	24-Jun-12	SP	20-30	c	lt brown				100			weathered bedrock	dry	evergreen forest	mid slope
1239961	420994	7076411	1318	24-Jun-12	SP	20-30	c	lt brown		5		95			weathered bedrock	dry	evergreen forest	mid slope
1239962	420920	7076444	1333	24-Jun-12	SP	20-30	c	lt brown				100			weathered bedrock	dry	evergreen forest	mid slope
1239963	420894	7076476	1342	24-Jun-12	SP	20-30	c	lt brown		5		95			weathered bedrock	dry	evergreen forest	mid slope
1239964	420840	7076477	1350	24-Jun-12	SP	20-30	c	lt brown		10		90			weathered bedrock	dry	evergreen forest	mid slope
1239965	420803	7076523	1356	24-Jun-12	SP	20-30	c	lt brown		15		85			weathered bedrock	dry	evergreen forest	mid slope
1239966	420750	7076546	1365	24-Jun-12	SP	20-30	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1239967	420714	7076562	1372	24-Jun-12	SP	30-40	c	lt brown		10		90			weathered bedrock	dry	evergreen forest	mid slope
1239968	420682	7076589	1381	24-Jun-12	SP	20-30	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1239969	420642	7076620	1389	24-Jun-12	SP	20-30	c	lt brown		10		90			weathered bedrock	dry	evergreen forest	mid slope
1239970	420589	7076662	1401	24-Jun-12	SP	20-30	c	lt brown		30		70			weathered bedrock	dry	evergreen forest	mid slope
1239971	420564	7076668	1411	24-Jun-12	SP	20-30	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1239972	420503	7076687	1425	24-Jun-12	SP	20-30	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1239973	420456	7076727	1438	24-Jun-12	SP	30-40	c	lt brown		15		85			weathered bedrock	dry	evergreen forest	mid slope
1239974	420422	7076776	1448	24-Jun-12	SP	30-40	c	lt brown		10		90			weathered bedrock	dry	evergreen forest	mid slope
1239975	420394	7076805	1456	24-Jun-12	SP	30-40	c	lt brown		30		70			weathered bedrock	dry	evergreen forest	mid slope
1239976	420361	7076832	1468	24-Jun-12	SP	20-30	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1239977	420319	7076854	1481	24-Jun-12	SP	20-30	c	lt brown		30		70			weathered bedrock	dry	evergreen forest	mid slope
1239978	420266	7076877	1491	24-Jun-12	SP	20-30	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1239979	420230	7076907	1498	24-Jun-12	SP	20-30	c	lt brown		15		85			weathered bedrock	moist	alpine	ridge top
1239980	420195	7076941	1507	24-Jun-12	SP	40-50	c	lt brown		10		90			weathered bedrock	moist	alpine	ridge top
1239981	420148	7076968	1517	24-Jun-12	SP	30-40	c	lt brown		10		90			weathered bedrock	dry	alpine	ridge top
1239982	420112	7077004	1525	24-Jun-12	SP	20-30	c	lt brown		20		80			weathered bedrock	dry	alpine	mid slope
1239427	417884	7078296	1514	24-Jun-12	SP	20-30	b/c	dk brown				30	40	30	weathered bedrock	partially frozen	alpine	bench
1239428	417950	7078224	1476	24-Jun-12	SP	20-30	b	dk brown	10			30	30	30	weathered bedrock	moist	alpine	mid slope
1239429	417986	7078130	1440	24-Jun-12	SP	40-50	b/c	dk brown		10		30	30	30	weathered bedrock	moist	alpine	mid slope
1239430	418046	7078042	1396	24-Jun-12	SP	40-50	c	lt brown				40	30	30	weathered bedrock	partially frozen	evergreen forest	mid slope
1239431	418096	7077954	1352	24-Jun-12	SP	30-40	b	dk brown	10			30	30	30	weathered bedrock	moist	evergreen forest	mid slope
1239432	418160	7077889	1313	24-Jun-12	SP	30-40	b	dk brown	20			20	30	30	weathered bedrock	moist	evergreen forest	mid slope
1239433	418207	7077809	1292	24-Jun-12	SP	10-20	b	dk brown	10	20		20	30	20	weathered bedrock	moist	buck brush	mid slope
1239434	418267	7077721	1281	24-Jun-12	SP	30-40	b	dk brown	10			30	30	30	weathered bedrock	moist	evergreen forest	mid slope
1239435	418332	7077642	1305	24-Jun-12	SP	40-50	b/c	dk brown				30	40	30	weathered bedrock	moist	buck brush	mid slope
1239436	418410	7077589	1334	24-Jun-12	SP	60-70	c	lt brown				40	30	30	weathered bedrock	moist	evergreen forest	mid slope
1239437	418498	7077587	1364	24-Jun-12	SP	30-40	b/c	dk brown				40	30	30	weathered bedrock	moist	buck brush	mid slope
1239438	418600	7077626	1374	24-Jun-12	SP	40-50	b/c	dk brown				30	40	30	weathered bedrock	moist	buck brush	mid slope
1239439	418702	7077653	1364	24-Jun-12	SP	30-40	b/c	dk brown	10			30	30	30	weathered bedrock	frozen	evergreen forest	mid slope
1239440	418758	7077683	1360	24-Jun-12	SP	50-60	b/c	dk brown				40	30	30	weathered bedrock	partially frozen	buck brush	mid slope
1239441	418786	7077708	1359	24-Jun-12	SP	40-50	b/c	dk brown				40	30	30	weathered bedrock	moist	buck brush	mid slope
1239442	418832	7077733	1351	24-Jun-12	SP	40-50	b/c	dk brown		10		30	30	30	weathered bedrock	moist	evergreen forest	mid slope
1239443	418866	7077774	1349	24-Jun-12	SP	60-70	c	dk brown		20		30	30	20	weathered bedrock	moist	buck brush	mid slope
1239444	418901	7077803	1346	24-Jun-12	SP	30-40	b/c	dk brown				30	40	30	weathered bedrock	partially frozen	buck brush	mid slope
1239445	418936	7077846	1343	24-Jun-12	SP	60-70	c	dk brown				40	30	30	weathered bedrock	partially frozen	evergreen forest	mid slope
1239446	418968	7077872	1344	24-Jun-12	SP	40-50	b/c	dk brown				30	40	30	weathered bedrock	moist	evergreen forest	mid slope
1239447	418993	7077928	1345	24-Jun-12	SP	50-60	c	dk brown				40	30	30	weathered bedrock	dry	buck brush	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				
1239448	419022	7077963	1363	24-Jun-12	SP	40-50	c	lt brown				40	30	30	weathered bedrock	partially frozen	buck brush	mid slope
1239449	419015	7078016	1379	24-Jun-12	SP	30-40	c	lt brown				40	30	30	weathered bedrock	partially frozen	buck brush	mid slope
1239450	419018	7078067	1388	24-Jun-12	SP	60-70	c	lt brown				30	30	40	weathered bedrock	partially frozen	evergreen forest	mid slope
1240251	419007	7078122	1401	24-Jun-12	SP	40-50	c	lt brown				40	30	30	weathered bedrock	moist	evergreen forest	mid slope
1240252	418997	7078161	1409	24-Jun-12	SP	40-50	c	lt brown				40	30	30	weathered bedrock	partially frozen	evergreen forest	mid slope
1240253	418973	7078204	1418	24-Jun-12	SP	40-50	b/c	dk brown				30	40	30	weathered bedrock	partially frozen	evergreen forest	mid slope
1240254	418939	7078239	1425	24-Jun-12	SP	50-60	c	lt brown				40	30	30	weathered bedrock	frozen	buck brush	mid slope
1240255	418907	7078287	1434	24-Jun-12	SP	50-60	c	lt brown				40	30	30	weathered bedrock	frozen	evergreen forest	mid slope
1240256	418876	7078323	1439	24-Jun-12	SP	30-40	b/c	lt brown				30	30	30	weathered bedrock	partially frozen	alpine	mid slope

Appendix II: Silt Sample Descriptions

Bix Property Sample Descriptions

UTM NAD 83 Zone 8

SILT SAMPLES

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Sample Environment	Medium	Medium depth (m)	Medium width (m)	Bank type	Water colour	Vegetation cover
1239510	421452	7076836	1186	24-Jun-12	SP	low energy	creek	0.2	0.5	organics	clear	evergreen
1239511	421794	7077164	1102	24-Jun-12	SP	low energy	creek	0.2	2	muddy	clear	evergreen

Appendix III: Rock Sample Descriptions

Bix Property Sample Descriptions

UTM NAD 83 Zone 8

ROCK SAMPLES

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Rock Source	Description
1206639	417526	7078298	1618	24-Jun-12	SP	Outcrop	Silicate-rich rock, quartz appears to run parrellel to bedding, country rock schist, well oxidized. Strike and dip of outcrop = 120/10NW.
1206640	417498	7078213	1622	24-Jun-12	SP	Outcrop	Rusty quartz with tarnished vitreous minerals, from large quartz boulder
1206641	417489	7078118	1618	24-Jun-12	SP	Subcrop	Quartz/quartzite leading into k-feldspar. Tarnished metallics
1206642	417422	7077991	1619	24-Jun-12	SP	subcrop	Oxidized quartzite with metallics
1206643	417535	7077749	1532	24-Jun-12	SP	Outcrop	Oxidized quartz/quartzite
1206644	417699	7077379	1424	24-Jun-12	SP	Tallus	Oxidized quartz/quartzite
1206645	417971	7077122	1341	24-Jun-12	SP	Tallus	Quartzite and schist, oxidized
1206646	417846	7076655	1342	24-Jun-12	SP	Outcrop	Quartz vein, oxidized. Country rock is schist, quartz appears to run parrellel to bedding.
1206647	417827	7076550	1335	24-Jun-12	SP	Outcrop	Oxidized quartz with feldspar. Quartz veining becoming more dynamic and cross cutting country rock.
1206648	417853	7076520	1321	24-Jun-12	SP	Outcrop	Massive 1 metre wide quartz vein that branches out and influences country rock compostion to another 2metres. Country rock silicate schist and oxidized quartz.
1206649	417890	7076511	1295	24-Jun-12	SP	Outcrop	Chlorite schist with oxidized quartz
1206650	417933	7076386	1255	24-Jun-12	SP	Outcrop	Chlorite schist with oxidized quartz
1206083	419988	7083363	1382	24-Jun-12	SP	Outcrop	Quartz veins up to 10cm, in quartzite/mica schist, strike 256 degrees, dip 12 degrees N
1206084	419987	7083296	1359	24-Jun-12	SP	Outcrop	Quartz vein, oxidized, quartzite host, foliated
1206085	420006	7083218	1331	24-Jun-12	SP	Outcrop	Quartz, oxidized, rusted cavities, iron staining, foliated quartzite host rock
1206086	420066	7083240	1337	24-Jun-12	SP	float	Quartzite/quartz, oxidized, with sulfides

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Rock Source	Description
1206087	420082	7083281	1351	24-Jun-12	SP	float	Green quartzite schist, non foliated groundmass
1206088	420209	7083289	1333	24-Jun-12	SP	Outcrop	Foliated quartzite with quartz veins, oxidized, possible oxidized pyrite, strike 252 degrees, 14 degrees N
1206089	420324	7083235	1279	24-Jun-12	SP	float	Quartzite with oxidized pyrite remnants
1206090	420417	7083269	1253	24-Jun-12	SP	float	Quartzite, non foliated but breaks along planes, oxidized cubes and non eroded metallics
1206091	420429	7083342	1233	24-Jun-12	SP	float	Quartzite/quartz with rusted out cubes, well oxidized
1206092	420580	7083221	1211	24-Jun-12	SP	Outcrop	Quartzite/mica schist, foliated, quartz veining, weathered cubes
1206093	420588	7083155	1198	24-Jun-12	SP	subcrop	Quartzite, blue-gray, foliated, oxidized cubes
1205839	418349	7078523	1476	24-Jun-12	SP	float	Rusty manganese stained brecciated quartz
1205840	418334	7078529	1477	24-Jun-12	SP	Outcrop	Brecciated quartz with heavy rust stains
1205841	418089	7078221	1405	24-Jun-12	SP	Outcrop	Layered schists with quatzite veins and rust stains with abundant sulphides, arsenopyrite
1205842	418085	7078200	1401	24-Jun-12	SP	Outcrop	Layerd schists with quartz veins with copper oxide leaching out of rock
1205843	417950	7078210	1472	24-Jun-12	SP	float	Brecciated quartz with heavy rust stains and cavities
1205844	418037	7078018	1392	24-Jun-12	SP	Outcrop	Quartzite with small sulphides
1205845	418064	7078014	1370	24-Jun-12	SP	float	Quartzite and recrystalized schist with sulphides
1205846	418086	7077893	1346	24-Jun-12	SP	Outcrop	Layered schists and quartzite with rust stains
1205847	418092	7077868	1352	24-Jun-12	SP	Outcrop	Rusty schist with quartzite with some small sulphides
1205848	418327	7078039	1358	24-Jun-12	SP	Outcrop	Layered schists with rust stains
1205849	418123	7077655	1295	24-Jun-12	SP	float	Rusty schist/recrystalized schist almost gossen with manganese stains and sulphides arseno pyrite
1205872	417642	7078329	1581	24-Jun-12	SP	Outcrop	Phyllite with quartz, oxidized

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Rock Source	Description
1205873	418011	7078059	1414	24-Jun-12	SP	outcrop	Phyllite mixed with quartz, folded, some oxidation, disseminated sulfides
1205874	418942	7077854	1343	24-Jun-12	SP	float	Mixed phyllite and quartzite, iron and manganese oxides, especially rusty pits
1205875	419009	7078084	1392	24-Jun-12	SP	float	Intensely weathered quartzite cut by vein quartz, iron and manganese oxides, rusty pits
1205876	418906	7078279	1433	24-Jun-12	SP	float	Quartzite and vein quartz, moderately oxidized, cut by grey submetallic veining some of which had been oxidized
1205686	421403	7075622	1518	24-Jun-12	SP	Outcrop	20m ridge outcrop. Metasedimentary, mica schist, fg dk grey, 1cm qtz veinlets with rusty remnant sulphide vugs. Moderate foliation, 040/20/E
1205687	421595	7077038	1157	24-Jun-12	SP	Outcrop	Mica schist, tan brown oxidation with fine chl interlayering, same orientation as above.
1205688	421632	7077068	1157	24-Jun-12	SP	Outcrop	Crossed contact b/t sediments and intrusives. Granite cliff OC. Porphyryitic with 3-5cm feldspar phenos, groundmass of qtz-feld-biotite, medium grained.

Appendix IV: 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 17, 2012
Page: 1 of 7

CERTIFICATE OF ANALYSIS DAW12000061.1

CLIENT JOB INFORMATION

Project: SP
Shipment ID: SP Soils 1
P.O. Number
Number of Samples: 173

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	171	Dry at 60C			DAW
SS80	171	Dry at 60C sieve 100g to -80 mesh			DAW
RJSV	171	Saving all or part of Soil Reject			DAW
1DX2	171	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: SP
Report Date: July 17, 2012

CERTIFICATE OF ANALYSIS DAW12000061.1

	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
1238186	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1238187	Soil	1.0	18.1	14.1	48	<0.1	17.0	6.7	194	2.37	8.9	<0.5	1.4	9	0.1	0.8	0.2	28	0.04	0.044	20
1238188	Soil	1.6	42.1	30.3	86	0.2	43.9	12.4	285	4.08	12.5	3.3	5.2	23	0.2	1.1	0.5	24	0.10	0.085	31
1238189	Soil	1.1	15.9	18.9	63	<0.1	28.4	17.4	451	2.40	9.2	2.9	6.4	6	0.3	1.8	0.2	25	0.04	0.038	20
1238190	Soil	1.1	18.3	17.1	50	<0.1	13.7	4.9	137	2.66	10.6	3.5	5.4	15	0.1	1.9	0.3	29	0.02	0.038	29
1238191	Soil	1.1	17.4	15.4	42	0.1	15.6	5.0	116	1.94	13.9	0.7	1.4	7	<0.1	2.2	0.2	27	0.03	0.037	25
1238192	Soil	1.1	11.1	13.9	42	<0.1	11.9	4.7	167	2.36	12.0	1.3	2.4	8	0.1	1.1	0.2	36	0.05	0.047	16
1238193	Soil	3.3	18.0	28.5	63	0.5	17.8	8.7	419	2.32	120.1	19.5	1.4	9	0.2	6.4	0.2	25	0.05	0.050	21
1238194	Soil	0.9	7.9	26.6	37	0.2	8.9	4.8	247	1.85	19.7	6.9	0.5	7	0.2	1.2	0.1	32	0.05	0.047	15
1238195	Soil	1.1	15.5	41.6	48	0.4	14.1	5.6	248	2.14	60.6	5.8	0.9	7	0.4	1.4	0.2	30	0.05	0.037	16
1238196	Soil	0.9	11.4	18.6	48	<0.1	12.3	4.6	177	2.24	27.4	1.2	0.8	7	0.2	1.2	0.1	34	0.06	0.034	15
1238197	Soil	1.2	17.8	25.8	86	0.4	20.2	11.3	659	2.89	97.7	5.0	5.4	9	0.7	2.6	0.2	32	0.07	0.052	20
1238198	Soil	0.9	10.3	66.2	143	0.3	12.9	5.8	296	2.39	46.5	3.3	1.5	7	1.1	3.2	0.2	40	0.05	0.035	16
1238199	Soil	1.0	15.1	53.5	76	0.3	16.3	6.2	246	2.55	54.6	9.1	2.0	9	0.6	1.7	0.2	37	0.07	0.039	17
1238200	Soil	1.1	12.3	16.0	70	0.2	16.9	7.8	290	3.18	14.6	1.4	5.3	8	0.3	1.1	0.2	49	0.05	0.029	15
1241001	Soil	1.2	16.5	17.5	57	0.5	14.3	5.3	188	2.94	17.3	1.7	8.3	6	0.1	1.5	0.2	39	0.03	0.026	22
1241002	Soil	1.1	36.7	40.3	101	0.1	36.5	19.0	470	5.26	19.3	4.9	10.4	8	0.3	1.5	0.3	89	0.06	0.054	21
1241003	Soil	0.7	9.6	12.6	25	0.2	8.0	2.8	64	1.41	9.8	1.0	0.3	8	0.1	0.5	0.1	24	0.03	0.039	14
1241004	Soil	1.2	10.3	11.2	32	0.1	10.5	3.5	123	1.98	12.2	0.6	2.6	6	<0.1	0.6	0.2	50	0.04	0.031	19
1241005	Soil	0.9	12.0	11.3	48	0.6	15.1	5.6	173	2.43	13.9	1.7	3.9	6	0.2	0.8	0.1	45	0.05	0.033	11
1241006	Soil	0.8	11.8	13.2	36	0.3	10.4	4.1	120	1.89	9.4	2.0	0.7	8	0.2	0.6	0.1	38	0.07	0.027	12
1241007	Soil	1.2	26.7	28.8	75	0.4	26.5	8.1	176	3.19	19.5	24.4	11.1	6	0.4	2.2	0.2	31	0.03	0.027	24
1241008	Soil	0.8	8.1	14.6	35	0.3	9.2	3.2	102	1.62	12.7	1.5	1.3	8	0.4	0.6	0.1	36	0.06	0.025	13
1241009	Soil	0.7	17.7	40.3	70	2.3	19.8	6.5	230	2.21	38.9	9.3	5.2	10	0.6	1.8	0.1	29	0.08	0.029	14
1241010	Soil	1.1	18.0	36.7	69	0.5	18.4	7.1	328	2.46	106.3	12.4	4.6	9	0.4	1.9	0.2	35	0.06	0.035	17
1239762	Soil	1.8	28.9	17.7	77	0.3	15.0	6.2	476	2.27	12.2	2.4	2.8	8	0.3	0.7	1.7	48	0.04	0.034	18
1239763	Soil	1.0	32.4	68.7	145	0.2	20.2	9.8	794	2.46	23.0	1.7	3.6	8	0.5	0.8	0.8	33	0.05	0.036	18
1239764	Soil	1.1	71.3	51.4	235	0.2	27.2	9.8	784	3.26	24.3	2.2	5.8	8	1.3	0.9	2.8	35	0.07	0.046	23
1239766	Soil	1.3	21.6	21.8	73	0.4	15.4	5.4	233	2.81	15.3	3.9	1.7	7	0.3	0.7	0.9	41	0.05	0.046	16
1239767	Soil	0.9	38.6	25.4	134	0.4	19.6	7.0	339	2.56	15.4	3.3	1.3	8	0.7	0.7	0.9	40	0.07	0.052	19

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.

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

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

Project: SP
Report Date: July 17, 2012

CERTIFICATE OF ANALYSIS DAW12000061.1

	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
1238186	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1238187	Soil	16	0.27	53	0.013	1	0.86	0.004	0.03	0.2	0.05	0.9	<0.1	0.06	3	0.8	<1	<0.2
1238188	Soil	26	0.48	116	0.007	<1	1.49	0.007	0.05	0.2	0.04	1.7	<0.1	0.09	4	0.6	3	<0.2
1238189	Soil	18	0.23	57	0.014	<1	1.11	0.003	0.02	0.2	0.04	1.8	0.1	<0.05	3	0.8	<1	<0.2
1238190	Soil	15	0.26	28	0.019	<1	0.78	0.006	0.03	0.2	0.02	1.1	<0.1	<0.05	4	<0.5	<1	<0.2
1238191	Soil	11	0.15	39	0.011	<1	0.65	0.004	0.03	0.2	0.02	0.6	<0.1	<0.05	3	0.6	1	<0.2
1238192	Soil	22	0.26	54	0.018	<1	1.20	0.005	0.04	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<1	<0.2
1238193	Soil	14	0.21	49	0.011	<1	0.75	0.005	0.04	0.1	0.03	1.2	<0.1	<0.05	3	0.9	1	<0.2
1238194	Soil	18	0.21	54	0.015	1	0.84	0.004	0.03	0.2	0.05	1.0	<0.1	<0.05	4	<0.5	<1	<0.2
1238195	Soil	18	0.25	65	0.012	<1	1.03	0.004	0.05	0.2	0.03	1.0	0.1	<0.05	4	<0.5	<1	<0.2
1238196	Soil	18	0.25	54	0.017	<1	0.95	0.003	0.04	0.1	0.03	1.1	<0.1	<0.05	3	0.6	<1	<0.2
1238197	Soil	20	0.29	67	0.019	<1	1.12	0.003	0.04	0.2	0.04	2.0	0.1	<0.05	3	<0.5	<1	<0.2
1238198	Soil	22	0.26	76	0.020	2	1.12	0.004	0.04	0.2	0.03	1.7	0.1	<0.05	4	0.6	<1	<0.2
1238199	Soil	22	0.32	91	0.019	<1	1.35	0.004	0.04	0.1	0.04	1.7	0.1	<0.05	5	<0.5	<1	<0.2
1238200	Soil	29	0.38	85	0.033	<1	1.65	0.005	0.04	0.2	0.05	2.6	0.1	<0.05	5	0.6	<1	<0.2
1241001	Soil	23	0.36	61	0.017	<1	1.46	0.004	0.03	0.1	0.03	1.9	0.1	<0.05	5	0.5	<1	<0.2
1241002	Soil	30	0.93	69	0.012	<1	2.31	0.004	0.03	0.1	0.04	7.0	<0.1	<0.05	7	0.5	<1	<0.2
1241003	Soil	12	0.15	91	0.006	<1	0.81	0.003	0.03	0.1	0.04	0.6	<0.1	<0.05	4	<0.5	1	<0.2
1241004	Soil	16	0.17	60	0.019	<1	0.98	0.003	0.03	0.2	0.02	1.6	<0.1	<0.05	6	<0.5	2	<0.2
1241005	Soil	24	0.32	98	0.029	<1	1.51	0.004	0.04	0.3	0.05	2.1	<0.1	<0.05	4	<0.5	<1	<0.2
1241006	Soil	19	0.23	108	0.018	1	1.11	0.005	0.04	0.1	0.05	1.3	<0.1	<0.05	4	<0.5	<1	<0.2
1241007	Soil	20	0.30	62	0.012	<1	1.32	0.003	0.03	0.2	0.04	1.8	<0.1	<0.05	4	1.0	<1	<0.2
1241008	Soil	17	0.24	102	0.017	<1	0.98	0.004	0.03	0.2	0.03	1.3	<0.1	<0.05	4	0.6	<1	<0.2
1241009	Soil	18	0.30	102	0.020	<1	1.06	0.004	0.04	0.2	0.05	2.0	<0.1	<0.05	3	0.8	<1	<0.2
1241010	Soil	19	0.27	108	0.016	<1	1.04	0.004	0.05	0.2	0.03	2.2	0.1	<0.05	3	0.7	<1	<0.2
1239762	Soil	22	0.11	78	0.018	<1	0.97	0.003	0.06	0.2	0.04	1.6	0.5	<0.05	6	0.6	6	<0.2
1239763	Soil	20	0.30	70	0.015	1	1.09	0.004	0.05	0.2	0.03	1.7	0.3	<0.05	4	<0.5	3	<0.2
1239764	Soil	23	0.38	76	0.015	<1	1.25	0.004	0.06	0.6	0.04	2.3	0.4	<0.05	4	<0.5	5	<0.2
1239766	Soil	23	0.25	56	0.021	1	1.00	0.004	0.05	0.3	0.05	1.4	0.3	<0.05	5	<0.5	3	<0.2
1239767	Soil	24	0.37	88	0.020	1	1.30	0.004	0.06	0.3	0.05	1.6	0.2	<0.05	4	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: SP
Report Date: July 17, 2012

CERTIFICATE OF ANALYSIS DAW12000061.1

	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
1239768	Soil	1.4	25.1	21.3	104	0.3	18.3	6.4	329	2.59	13.9	5.5	0.8	8	0.7	0.7	0.6	41	0.07	0.059	14
1239769	Soil	1.0	24.5	13.6	67	0.2	18.7	7.8	330	2.48	16.1	2.4	1.6	9	0.4	0.8	0.3	37	0.07	0.045	16
1239770	Soil	0.9	20.3	12.3	54	<0.1	14.8	4.9	178	2.40	13.4	4.5	0.6	9	0.3	0.7	0.3	41	0.06	0.046	14
1239771	Soil	1.1	68.6	14.6	105	<0.1	28.3	11.8	455	2.81	15.8	2.3	5.0	12	0.4	0.6	1.4	44	0.12	0.054	24
1239772	Soil	1.4	116.9	11.6	117	0.2	22.5	10.9	389	2.84	15.9	17.4	2.3	28	0.7	0.7	20.8	52	0.15	0.060	14
1239773	Soil	1.5	38.9	12.2	94	<0.1	28.2	8.0	287	2.68	18.4	2.1	0.7	20	0.4	0.6	4.2	64	0.14	0.085	13
1239774	Soil	2.1	238.9	49.3	158	1.4	31.5	9.7	673	3.28	16.4	2.6	2.4	15	0.7	0.6	7.8	73	0.11	0.077	29
1239775	Soil	0.8	19.8	12.5	54	<0.1	20.9	8.6	288	2.22	10.5	4.9	0.8	13	0.2	0.8	0.3	36	0.13	0.062	13
1239776	Soil	1.1	60.9	12.2	64	<0.1	25.4	11.7	562	2.78	6.8	3.6	5.0	11	0.2	0.7	0.5	44	0.09	0.033	21
1239777	Soil	0.9	31.3	35.8	104	<0.1	22.3	11.1	613	2.54	6.8	3.1	2.8	11	0.6	0.7	0.4	39	0.08	0.042	20
1239778	Soil	1.0	30.9	15.3	61	<0.1	20.8	8.6	343	2.41	9.2	3.0	1.3	12	0.2	0.7	0.3	37	0.10	0.046	15
1239779	Soil	1.2	65.7	107.4	199	0.4	27.4	9.0	539	2.80	15.4	2.5	4.5	13	1.0	0.7	2.3	44	0.12	0.045	24
1239780	Soil	0.8	51.6	33.0	138	0.2	20.7	9.9	545	2.35	13.0	3.4	3.6	11	1.4	0.8	5.5	35	0.11	0.055	18
1239781	Soil	1.7	17.7	140.0	73	0.3	10.6	7.0	643	2.02	8.3	<0.5	0.2	8	0.4	0.6	1.8	40	0.05	0.071	9
1239782	Soil	1.2	18.9	28.3	85	0.1	13.6	8.2	414	2.39	11.8	2.1	1.3	8	0.3	0.7	1.0	39	0.06	0.059	13
1239783	Soil	1.0	13.2	17.9	59	<0.1	10.0	4.4	195	1.90	9.0	3.8	1.2	7	0.3	0.6	1.0	36	0.06	0.034	13
1239784	Soil	0.9	15.0	21.4	65	<0.1	10.3	3.7	152	2.00	11.0	2.5	0.9	8	0.2	0.5	1.1	33	0.07	0.035	12
1239785	Soil	1.2	16.6	24.6	79	<0.1	13.1	7.2	437	2.12	12.4	1.5	3.3	9	0.3	0.7	1.9	33	0.09	0.056	12
1239786	Soil	0.9	17.0	23.1	73	<0.1	13.1	6.6	286	2.09	9.6	5.3	2.4	10	0.3	0.6	0.5	29	0.12	0.080	12
1239787	Soil	0.9	12.9	15.0	56	<0.1	11.9	6.0	253	2.19	10.8	2.3	2.2	11	0.3	0.6	0.5	41	0.09	0.054	14
1239788	Soil	0.9	13.9	13.4	54	<0.1	14.4	7.4	334	2.38	10.8	1.8	6.0	8	0.3	0.7	0.3	33	0.07	0.043	13
1239789	Soil	0.9	10.6	22.3	117	<0.1	12.0	6.3	345	2.25	10.8	1.9	5.0	7	0.4	0.7	0.3	35	0.06	0.031	16
1239790	Soil	1.2	9.6	11.5	65	<0.1	11.5	6.4	359	2.35	9.8	1.4	4.0	7	0.3	0.6	1.1	38	0.05	0.039	15
1239791	Soil	1.0	9.5	27.8	77	<0.1	10.3	5.3	320	2.34	8.6	3.1	10.8	7	0.2	0.5	0.7	31	0.08	0.057	24
1239792	Soil	0.7	16.4	10.1	47	<0.1	14.9	6.3	267	2.09	11.9	1.5	12.4	11	0.1	0.8	1.0	32	0.15	0.063	24
1239793	Soil	0.9	12.0	12.5	75	<0.1	15.3	5.3	215	2.26	13.4	5.4	6.3	10	0.7	0.7	0.3	35	0.09	0.052	13
1239794	Soil	1.1	12.1	9.2	57	<0.1	14.7	6.3	241	2.28	9.7	1.2	19.3	10	0.2	0.7	0.4	41	0.13	0.061	21
1239795	Soil	1.1	11.2	10.2	53	<0.1	13.8	6.8	249	2.33	12.2	1.9	11.8	7	0.1	0.7	0.6	34	0.08	0.043	16
1239796	Soil	0.6	7.8	7.8	50	<0.1	7.6	4.9	252	1.77	5.3	<0.5	28.1	6	0.2	0.3	2.2	30	0.25	0.143	25
1239797	Soil	0.7	14.3	10.0	52	<0.1	15.2	7.3	282	2.27	12.7	2.9	6.8	10	0.1	0.7	0.3	37	0.13	0.055	15

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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: SP
Report Date: July 17, 2012

CERTIFICATE OF ANALYSIS DAW12000061.1

	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
1239768	Soil	26	0.32	88	0.018	<1	1.27	0.005	0.07	0.2	0.06	1.3	0.2	<0.05	5	0.9	2	<0.2
1239769	Soil	22	0.37	114	0.025	1	1.27	0.005	0.05	0.3	0.03	2.1	0.1	<0.05	4	<0.5	<1	<0.2
1239770	Soil	23	0.31	102	0.017	1	1.14	0.004	0.04	0.3	0.04	1.2	0.2	<0.05	4	1.2	1	<0.2
1239771	Soil	30	0.49	154	0.025	<1	1.63	0.007	0.09	0.9	0.05	3.6	0.3	<0.05	5	<0.5	3	<0.2
1239772	Soil	28	0.54	144	0.036	1	1.92	0.013	0.10	2.5	0.03	2.9	0.4	<0.05	6	1.4	7	<0.2
1239773	Soil	47	0.70	116	0.037	1	1.83	0.008	0.08	0.4	0.02	1.9	0.4	<0.05	6	1.0	3	<0.2
1239774	Soil	40	0.61	151	0.043	1	1.94	0.006	0.10	0.4	0.04	4.2	0.9	<0.05	8	0.8	8	<0.2
1239775	Soil	21	0.37	129	0.023	2	1.20	0.005	0.06	0.2	0.05	1.8	0.2	<0.05	4	<0.5	<1	<0.2
1239776	Soil	30	0.49	166	0.040	<1	1.54	0.006	0.12	0.2	0.02	3.4	0.3	<0.05	5	0.9	2	<0.2
1239777	Soil	25	0.45	131	0.031	<1	1.38	0.005	0.09	0.2	0.03	3.0	0.3	<0.05	5	<0.5	1	<0.2
1239778	Soil	24	0.44	122	0.028	<1	1.35	0.006	0.08	0.2	0.02	2.1	0.2	<0.05	4	<0.5	<1	<0.2
1239779	Soil	26	0.47	219	0.032	5	1.49	0.005	0.09	0.3	0.03	3.8	0.4	<0.05	5	<0.5	2	<0.2
1239780	Soil	22	0.37	140	0.027	<1	1.38	0.005	0.07	4.2	0.03	2.7	0.2	<0.05	4	0.5	2	<0.2
1239781	Soil	19	0.23	79	0.015	<1	1.02	0.007	0.05	0.8	0.05	0.6	0.3	<0.05	5	<0.5	2	<0.2
1239782	Soil	22	0.36	81	0.025	1	1.47	0.005	0.04	0.6	0.04	1.7	0.2	<0.05	5	1.0	<1	<0.2
1239783	Soil	19	0.26	73	0.023	<1	1.07	0.004	0.04	1.4	0.03	1.5	0.2	<0.05	4	0.8	<1	<0.2
1239784	Soil	19	0.28	60	0.018	<1	0.97	0.004	0.04	1.1	0.03	1.1	0.2	<0.05	4	0.5	<1	<0.2
1239785	Soil	17	0.29	52	0.029	<1	0.88	0.003	0.05	0.6	0.01	1.6	0.1	<0.05	4	<0.5	<1	<0.2
1239786	Soil	19	0.30	71	0.022	1	1.35	0.004	0.04	0.6	0.04	1.6	0.1	<0.05	3	0.6	<1	<0.2
1239787	Soil	23	0.34	126	0.026	1	1.30	0.005	0.05	0.5	0.03	2.4	0.2	<0.05	4	0.8	<1	<0.2
1239788	Soil	23	0.35	81	0.027	<1	1.61	0.005	0.04	0.3	0.05	2.3	0.1	<0.05	4	<0.5	<1	<0.2
1239789	Soil	19	0.34	74	0.022	<1	1.35	0.004	0.05	0.5	0.04	2.4	0.2	<0.05	4	<0.5	1	<0.2
1239790	Soil	20	0.32	72	0.030	<1	1.24	0.004	0.05	2.8	0.02	2.0	0.2	<0.05	5	0.7	1	<0.2
1239791	Soil	16	0.30	57	0.015	<1	1.39	0.004	0.05	2.9	0.02	2.1	0.2	<0.05	5	0.8	1	<0.2
1239792	Soil	18	0.35	81	0.031	<1	1.20	0.005	0.05	1.7	0.03	2.4	0.2	<0.05	3	1.1	<1	<0.2
1239793	Soil	19	0.36	114	0.023	<1	1.21	0.004	0.05	0.3	0.02	2.1	0.2	<0.05	4	<0.5	1	<0.2
1239794	Soil	20	0.41	111	0.028	<1	1.69	0.005	0.08	1.6	0.03	2.9	0.3	<0.05	5	0.8	2	<0.2
1239795	Soil	18	0.34	87	0.028	<1	1.43	0.007	0.06	1.0	0.03	3.0	0.2	<0.05	4	0.9	1	<0.2
1239796	Soil	10	0.33	118	0.077	<1	1.77	0.007	0.22	16.9	<0.01	4.6	0.6	<0.05	6	1.0	5	<0.2
1239797	Soil	20	0.37	98	0.034	<1	1.44	0.006	0.04	0.5	0.02	2.5	0.1	<0.05	4	0.6	<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
1239798	Soil	0.9	15.0	10.8	104	<0.1	14.4	8.0	410	2.49	9.4	<0.5	10.7	11	0.3	0.6	0.5	35	0.15	0.080	19
1239799	Soil	1.7	6.6	9.8	39	<0.1	9.3	4.3	169	1.93	9.7	5.6	7.7	12	<0.1	0.5	0.5	40	0.11	0.034	18
1239800	Soil	0.7	13.3	8.8	48	<0.1	13.7	6.5	314	1.89	8.9	3.2	12.4	18	<0.1	0.6	0.3	34	0.17	0.051	28
1239801	Soil	1.0	12.8	10.5	82	<0.1	13.2	6.2	284	2.13	8.3	3.4	14.6	17	0.3	0.5	0.7	39	0.18	0.061	31
1239802	Soil	1.3	11.7	11.0	64	<0.1	12.2	5.5	264	2.39	10.8	1.6	13.6	18	0.1	0.5	0.9	49	0.15	0.055	37
1239803	Soil	1.1	11.1	11.9	74	0.1	12.6	5.6	298	2.26	9.0	0.8	14.5	15	0.2	0.5	0.9	42	0.19	0.053	25
1239804	Soil	0.9	10.0	8.8	60	0.2	10.1	4.0	161	1.93	9.0	1.4	8.8	14	0.2	0.4	1.0	40	0.13	0.042	31
1239805	Soil	1.1	13.5	11.1	66	0.1	13.5	5.5	242	2.14	9.5	12.7	10.1	14	0.2	0.5	1.8	41	0.16	0.065	30
1239806	Soil	0.7	17.3	14.8	93	0.2	14.5	6.3	353	2.01	8.9	1.0	10.3	24	0.4	0.4	1.0	30	0.25	0.073	39
1239807	Soil	0.8	15.0	13.7	107	<0.1	14.3	5.1	223	2.02	8.5	0.6	10.4	14	0.2	0.4	1.2	34	0.16	0.066	25
1240158	Soil	0.8	17.4	12.2	67	<0.1	18.1	6.4	248	2.45	23.8	4.3	1.3	10	0.2	1.3	0.3	38	0.08	0.058	18
1240159	Soil	0.7	20.6	10.0	65	<0.1	22.5	8.4	291	2.29	11.6	1.9	3.9	10	0.3	0.8	0.2	35	0.09	0.048	20
1240160	Soil	0.7	19.9	10.0	77	<0.1	23.4	8.9	249	2.55	11.8	3.2	4.0	10	0.2	0.6	0.2	37	0.09	0.037	19
1240161	Soil	1.0	22.6	9.3	67	<0.1	25.1	8.3	216	2.75	11.7	2.0	1.9	8	<0.1	0.6	0.2	46	0.08	0.044	19
1240162	Soil	0.8	19.0	8.5	67	<0.1	19.0	7.1	203	2.25	10.5	3.4	1.5	9	0.1	0.5	0.2	40	0.09	0.046	16
1240163	Soil	1.0	23.6	9.8	68	<0.1	21.2	8.1	266	2.35	12.1	1.8	2.2	9	<0.1	0.7	0.2	43	0.09	0.045	17
1240164	Soil	0.9	22.6	11.0	80	<0.1	24.7	9.3	305	2.61	13.6	2.5	3.6	8	0.1	0.6	0.2	39	0.08	0.034	18
1240165	Soil	0.8	19.1	8.7	59	<0.1	19.2	8.1	230	2.24	11.1	2.1	2.3	9	0.1	0.6	0.2	37	0.11	0.048	16
1240166	Soil	1.0	19.9	10.7	69	<0.1	20.7	9.3	307	2.65	21.0	13.8	2.9	9	0.1	0.8	0.2	44	0.09	0.051	19
1240167	Soil	1.1	14.7	9.6	60	<0.1	16.5	7.5	266	2.50	12.5	1.9	1.2	8	0.1	0.6	0.2	47	0.08	0.052	14
1240168	Soil	2.2	13.5	12.0	44	<0.1	13.5	6.3	359	2.48	11.7	1.1	0.3	8	<0.1	0.7	0.3	67	0.07	0.055	14
1240169	Soil	0.9	15.8	9.6	55	<0.1	17.6	6.9	229	2.16	16.5	28.7	1.6	7	0.1	0.8	0.2	30	0.08	0.053	13
1240170	Soil	0.9	20.5	11.1	64	<0.1	21.0	8.1	229	2.47	15.8	3.9	2.8	7	0.1	0.8	0.2	41	0.07	0.035	16
1240171	Soil	0.8	22.9	10.9	61	<0.1	21.1	7.1	169	2.38	12.0	3.7	2.7	8	0.1	0.6	0.2	40	0.08	0.037	18
1240172	Soil	1.0	14.2	10.5	48	<0.1	13.5	5.4	172	2.22	20.4	8.7	0.7	7	0.1	0.6	0.2	46	0.06	0.049	14
1240173	Soil	0.8	12.4	9.5	44	<0.1	13.3	4.4	127	1.86	16.6	13.7	0.6	7	0.1	0.5	0.2	41	0.07	0.049	14
1240174	Soil	0.8	17.8	10.8	60	<0.1	19.0	7.6	234	2.09	16.0	2.9	2.8	8	0.2	0.7	0.2	34	0.09	0.051	13
1240175	Soil	1.4	9.6	12.3	32	<0.1	9.8	3.0	74	1.46	10.9	2.8	0.1	6	0.1	0.5	0.2	43	0.04	0.052	11
1240176	Soil	1.1	17.5	12.7	66	<0.1	19.2	6.7	221	2.35	16.4	9.1	1.7	10	0.2	0.7	0.2	46	0.11	0.044	14
1240177	Soil	1.0	11.1	10.6	42	<0.1	13.0	4.4	139	2.10	13.6	1.7	0.7	8	0.1	0.5	0.2	43	0.07	0.035	12

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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: SP
Report Date: July 17, 2012

CERTIFICATE OF ANALYSIS DAW12000061.1

	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
1239798	Soil	20	0.35	119	0.031	<1	1.32	0.005	0.08	0.9	0.02	2.9	0.2	<0.05	4	0.7	1	<0.2
1239799	Soil	15	0.26	113	0.032	<1	0.98	0.004	0.04	0.7	0.01	1.9	0.2	<0.05	4	0.8	1	<0.2
1239800	Soil	17	0.33	227	0.034	<1	1.04	0.005	0.05	0.9	0.02	3.2	0.2	<0.05	4	<0.5	1	<0.2
1239801	Soil	19	0.36	164	0.045	<1	1.14	0.006	0.08	0.8	0.02	3.1	0.2	<0.05	5	0.7	2	<0.2
1239802	Soil	19	0.35	200	0.048	<1	1.42	0.007	0.09	0.8	0.03	3.5	0.3	<0.05	6	0.5	3	<0.2
1239803	Soil	18	0.35	122	0.044	<1	1.31	0.006	0.07	1.1	0.03	3.1	0.3	<0.05	5	0.6	2	<0.2
1239804	Soil	15	0.29	139	0.043	<1	1.07	0.006	0.06	1.0	0.04	2.8	0.3	<0.05	5	0.7	2	<0.2
1239805	Soil	19	0.34	163	0.045	<1	1.22	0.005	0.08	2.1	0.04	3.1	0.2	<0.05	5	0.6	2	<0.2
1239806	Soil	18	0.33	169	0.038	<1	1.07	0.006	0.10	1.0	0.03	2.9	0.3	<0.05	4	0.8	2	<0.2
1239807	Soil	19	0.35	110	0.041	<1	1.19	0.006	0.08	1.0	0.02	3.1	0.3	<0.05	5	0.5	3	<0.2
1240158	Soil	23	0.38	107	0.026	1	1.38	0.004	0.08	0.3	0.03	1.8	0.5	<0.05	5	0.8	1	<0.2
1240159	Soil	24	0.42	162	0.041	<1	1.38	0.004	0.09	0.3	0.03	3.2	0.2	<0.05	4	0.7	<1	<0.2
1240160	Soil	28	0.48	146	0.050	<1	1.63	0.005	0.12	0.3	0.03	2.6	0.3	<0.05	5	0.8	<1	<0.2
1240161	Soil	32	0.44	126	0.034	<1	1.64	0.005	0.10	0.2	0.02	1.9	0.3	<0.05	5	<0.5	<1	<0.2
1240162	Soil	26	0.37	118	0.028	<1	1.30	0.005	0.06	0.2	0.05	1.9	0.2	<0.05	4	<0.5	<1	<0.2
1240163	Soil	27	0.39	131	0.028	<1	1.36	0.005	0.05	0.3	0.03	2.4	0.2	<0.05	4	<0.5	<1	<0.2
1240164	Soil	30	0.44	118	0.035	<1	1.47	0.005	0.08	0.2	0.03	2.2	0.2	<0.05	5	<0.5	<1	<0.2
1240165	Soil	25	0.37	120	0.029	<1	1.14	0.005	0.05	0.3	0.02	1.9	0.2	<0.05	4	<0.5	<1	<0.2
1240166	Soil	31	0.43	129	0.034	<1	1.43	0.006	0.07	0.3	0.04	2.8	0.3	<0.05	5	<0.5	<1	<0.2
1240167	Soil	30	0.38	96	0.029	1	1.38	0.005	0.05	0.2	0.04	1.8	0.2	<0.05	5	<0.5	<1	<0.2
1240168	Soil	27	0.19	98	0.032	1	1.04	0.005	0.05	0.1	0.03	1.0	0.3	0.07	7	<0.5	2	<0.2
1240169	Soil	20	0.25	64	0.028	1	0.90	0.003	0.07	0.3	0.03	1.3	0.2	<0.05	3	<0.5	<1	<0.2
1240170	Soil	26	0.33	132	0.036	<1	1.33	0.003	0.07	0.2	0.03	2.5	0.2	<0.05	4	<0.5	<1	<0.2
1240171	Soil	29	0.36	122	0.036	<1	1.47	0.004	0.10	0.2	0.03	2.3	0.3	<0.05	4	<0.5	<1	<0.2
1240172	Soil	26	0.29	87	0.022	<1	1.34	0.004	0.04	0.2	0.04	1.6	0.2	<0.05	5	<0.5	<1	<0.2
1240173	Soil	23	0.26	79	0.019	<1	1.14	0.003	0.04	0.2	0.05	1.2	0.2	<0.05	4	<0.5	<1	<0.2
1240174	Soil	21	0.28	87	0.025	<1	1.07	0.003	0.05	0.3	0.03	2.1	0.2	<0.05	3	<0.5	<1	<0.2
1240175	Soil	21	0.16	55	0.012	<1	0.89	0.003	0.04	0.3	0.04	0.3	0.2	0.05	5	0.7	1	<0.2
1240176	Soil	28	0.34	96	0.035	1	1.30	0.005	0.07	0.4	0.03	2.0	0.2	<0.05	5	<0.5	<1	<0.2
1240177	Soil	23	0.24	81	0.023	<1	1.09	0.003	0.04	0.3	0.03	1.2	0.1	<0.05	4	<0.5	<1	<0.2

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Project: SP
Report Date: July 17, 2012

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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
1240178	Soil		1.0	19.1	9.7	66	<0.1	19.5	6.9	242	2.40	20.8	28.8	2.1	8	0.2	0.7	0.2	42	0.07	0.039	13
1240179	Soil		1.2	11.1	11.3	47	<0.1	13.0	5.0	167	2.51	19.5	3.9	0.9	7	0.1	0.7	0.3	49	0.06	0.033	13
1240180	Soil		1.0	6.3	11.5	21	<0.1	5.6	2.4	102	1.52	12.7	15.3	0.2	5	<0.1	0.4	0.2	63	0.03	0.026	12
1240181	Soil		0.8	20.4	9.3	65	<0.1	21.6	8.6	278	2.43	17.9	11.6	3.1	8	0.2	0.6	0.2	43	0.08	0.043	14
1240182	Soil		1.0	19.5	9.2	63	<0.1	20.9	7.4	224	2.35	18.4	2.9	2.5	8	0.2	0.6	0.2	41	0.08	0.042	13
1240183	Soil		1.5	11.4	11.8	31	<0.1	11.4	2.8	81	1.49	13.5	3.1	0.2	6	<0.1	0.5	0.3	46	0.04	0.043	11
1240184	Soil		1.7	14.1	10.6	29	<0.1	9.0	2.7	89	1.58	11.7	2.7	0.9	7	0.2	0.5	0.8	58	0.04	0.037	14
1240185	Soil		1.1	19.5	12.0	90	<0.1	24.1	10.6	408	2.58	16.3	44.3	4.2	12	0.4	0.6	0.2	42	0.13	0.077	14
1240186	Soil		1.1	18.4	21.6	131	0.2	22.5	8.5	286	2.50	14.0	9.2	4.2	10	0.6	0.5	0.4	44	0.11	0.047	14
1240187	Soil		0.9	15.1	8.2	62	<0.1	19.3	8.1	233	2.08	9.5	3.8	3.2	13	0.1	0.4	0.2	40	0.15	0.044	13
1240188	Soil		1.1	30.4	10.3	110	0.1	28.1	12.2	297	2.86	12.0	2.2	6.6	15	0.2	0.6	0.3	51	0.15	0.047	18
1240189	Soil		0.9	38.1	10.8	126	0.2	27.4	9.8	239	2.56	15.0	7.0	2.6	28	0.6	0.5	0.4	43	0.34	0.047	17
1240190	Soil		1.1	56.8	9.7	711	<0.1	29.1	11.5	359	2.69	9.5	2.9	5.7	19	2.1	0.6	0.9	50	0.20	0.041	15
1240191	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1239944	Soil		0.8	25.4	10.3	55	0.1	19.0	7.7	307	2.46	22.0	4.3	2.7	8	0.2	0.7	0.2	35	0.07	0.037	15
1239945	Soil		0.8	25.8	11.1	65	0.1	23.4	8.5	252	2.57	59.2	2.9	2.9	12	0.2	0.7	0.3	38	0.12	0.043	20
1239946	Soil		1.1	32.4	10.5	75	0.2	21.6	7.7	226	2.39	28.9	20.5	1.4	15	0.3	0.6	0.5	38	0.15	0.073	20
1239947	Soil		0.9	26.4	9.7	70	0.1	23.1	8.0	247	2.50	20.4	4.2	2.4	13	0.3	0.7	0.3	41	0.13	0.057	18
1239948	Soil		1.0	38.7	11.6	80	0.2	23.8	8.3	301	2.96	24.6	2.5	1.7	14	0.2	0.6	0.5	46	0.12	0.068	19
1239949	Soil		0.8	22.8	9.2	69	<0.1	20.3	8.4	293	2.38	18.4	2.7	3.1	11	0.2	0.5	0.3	37	0.10	0.048	18
1239950	Soil		1.1	24.9	9.7	81	<0.1	22.9	9.6	389	2.71	16.2	3.3	3.3	13	0.3	0.7	0.4	45	0.11	0.060	18
1239951	Soil		0.9	21.8	9.9	77	<0.1	20.6	8.8	360	2.66	19.6	3.1	2.4	11	0.3	0.6	0.5	44	0.10	0.048	18
1239952	Soil		1.1	24.6	10.5	91	<0.1	25.1	8.0	235	2.95	16.4	2.5	2.3	12	0.2	0.5	0.4	56	0.10	0.048	18
1239953	Soil		0.7	17.3	7.8	59	<0.1	18.4	6.7	196	2.28	12.6	1.3	2.9	9	<0.1	0.5	0.3	39	0.10	0.050	17
1239954	Soil		0.8	18.8	8.6	57	<0.1	19.2	6.2	189	2.15	12.3	2.3	2.0	9	0.2	0.5	0.3	42	0.10	0.041	17
1239955	Soil		0.9	13.2	8.7	41	<0.1	13.1	4.0	109	1.84	9.3	29.1	0.3	7	0.1	0.4	0.4	41	0.06	0.041	13
1239956	Soil		0.9	18.8	9.5	54	<0.1	18.9	7.8	257	2.35	13.8	9.7	2.2	8	0.1	0.6	0.3	43	0.08	0.043	15
1239957	Soil		0.9	17.9	9.5	57	<0.1	18.0	6.3	177	2.40	13.5	2.7	1.6	8	0.1	0.6	0.3	44	0.08	0.044	15
1239958	Soil		0.8	14.6	9.2	50	<0.1	15.1	7.8	318	2.16	11.5	1.9	2.4	8	0.2	0.5	0.4	35	0.08	0.059	12
1239959	Soil		0.8	15.4	9.6	52	<0.1	14.2	5.4	161	1.98	11.4	2.1	1.4	8	0.2	0.6	0.3	36	0.09	0.057	13

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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
1240178	Soil	26	0.32	81	0.035	<1	1.15	0.003	0.09	1.1	0.03	2.0	0.2	<0.05	4	<0.5	<1	<0.2
1240179	Soil	24	0.25	63	0.030	<1	1.04	0.003	0.05	0.5	0.02	1.4	0.2	<0.05	5	<0.5	<1	<0.2
1240180	Soil	15	0.10	39	0.039	<1	0.67	0.002	0.02	0.2	0.03	0.7	0.1	<0.05	6	<0.5	1	<0.2
1240181	Soil	27	0.36	122	0.043	1	1.30	0.004	0.10	0.3	0.02	2.4	0.2	<0.05	4	<0.5	<1	<0.2
1240182	Soil	25	0.34	107	0.040	<1	1.30	0.004	0.08	0.3	0.03	2.0	0.2	<0.05	4	<0.5	<1	<0.2
1240183	Soil	19	0.13	60	0.030	<1	0.80	0.004	0.04	0.3	0.05	0.5	0.1	<0.05	5	<0.5	3	<0.2
1240184	Soil	19	0.11	71	0.035	<1	1.03	0.003	0.05	0.3	0.04	1.1	0.1	<0.05	7	0.5	2	<0.2
1240185	Soil	27	0.31	90	0.039	<1	1.46	0.004	0.07	0.9	0.04	2.1	0.1	<0.05	4	0.5	<1	<0.2
1240186	Soil	26	0.36	99	0.044	1	1.27	0.005	0.06	1.6	0.03	2.2	0.2	<0.05	4	<0.5	1	<0.2
1240187	Soil	24	0.32	140	0.041	<1	1.11	0.005	0.06	0.4	0.02	2.2	0.2	<0.05	4	<0.5	1	<0.2
1240188	Soil	36	0.47	180	0.073	<1	1.61	0.005	0.16	0.7	0.03	3.6	0.4	<0.05	6	<0.5	2	<0.2
1240189	Soil	28	0.33	181	0.043	2	1.51	0.005	0.10	1.8	0.04	3.2	0.3	<0.05	5	<0.5	2	<0.2
1240190	Soil	32	0.41	163	0.052	2	1.69	0.008	0.05	2.9	0.03	3.4	0.2	<0.05	5	<0.5	5	<0.2
1240191	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1239944	Soil	21	0.28	99	0.032	<1	1.19	0.003	0.06	0.4	0.03	1.9	0.2	<0.05	4	<0.5	<1	<0.2
1239945	Soil	24	0.35	153	0.028	1	1.38	0.004	0.09	0.4	0.02	1.9	0.3	<0.05	4	<0.5	1	<0.2
1239946	Soil	26	0.32	173	0.022	1	1.36	0.006	0.10	0.3	0.04	1.8	0.3	<0.05	5	<0.5	2	<0.2
1239947	Soil	26	0.35	154	0.033	<1	1.35	0.004	0.09	0.5	0.04	2.1	0.2	<0.05	4	0.5	1	<0.2
1239948	Soil	30	0.41	170	0.029	1	1.70	0.006	0.10	0.3	0.04	2.2	0.3	<0.05	6	<0.5	2	<0.2
1239949	Soil	25	0.34	126	0.030	<1	1.25	0.004	0.08	0.3	0.03	2.0	0.3	<0.05	4	<0.5	2	<0.2
1239950	Soil	28	0.38	132	0.041	1	1.53	0.005	0.09	0.4	0.03	2.5	0.2	<0.05	5	<0.5	1	<0.2
1239951	Soil	29	0.37	109	0.036	1	1.51	0.004	0.10	0.5	0.03	2.2	0.3	<0.05	5	0.5	1	<0.2
1239952	Soil	37	0.50	130	0.055	2	1.92	0.005	0.10	0.3	0.04	2.9	0.3	<0.05	7	<0.5	2	<0.2
1239953	Soil	26	0.35	91	0.044	<1	1.37	0.004	0.07	0.5	0.03	2.3	0.2	<0.05	4	<0.5	<1	<0.2
1239954	Soil	26	0.33	101	0.039	<1	1.27	0.004	0.07	0.4	0.03	2.0	0.2	<0.05	5	<0.5	1	<0.2
1239955	Soil	23	0.26	68	0.020	<1	1.17	0.004	0.05	0.5	0.05	0.8	0.2	<0.05	5	<0.5	1	<0.2
1239956	Soil	25	0.33	107	0.030	<1	1.39	0.004	0.06	0.5	0.05	2.3	0.2	<0.05	5	<0.5	<1	<0.2
1239957	Soil	28	0.33	92	0.030	1	1.48	0.004	0.07	0.5	0.03	1.9	0.3	<0.05	5	<0.5	1	<0.2
1239958	Soil	23	0.32	88	0.028	1	1.35	0.003	0.04	0.4	0.04	2.2	0.2	<0.05	4	<0.5	<1	<0.2
1239959	Soil	22	0.29	86	0.024	2	1.24	0.003	0.05	0.4	0.04	1.9	0.2	<0.05	4	<0.5	<1	<0.2

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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: SP
Report Date: July 17, 2012

CERTIFICATE OF ANALYSIS DAW12000061.1

	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
1239960	Soil	1.5	18.1	13.3	66	<0.1	18.4	9.7	605	3.03	14.0	2.7	1.2	6	0.1	0.7	0.4	47	0.06	0.061	12
1239961	Soil	0.8	29.4	13.0	76	<0.1	23.9	11.6	435	3.14	12.4	5.6	4.9	6	0.2	0.7	0.6	44	0.05	0.044	18
1239962	Soil	1.3	30.3	32.3	108	0.1	23.4	10.6	604	2.77	17.0	0.7	2.7	6	0.3	0.7	1.5	39	0.05	0.041	16
1239963	Soil	0.8	19.4	17.3	54	<0.1	17.6	8.3	354	2.54	13.0	2.6	2.2	6	0.2	0.7	0.5	38	0.07	0.037	12
1239964	Soil	1.0	23.2	41.2	85	<0.1	20.5	8.9	373	2.75	15.7	1.3	2.9	7	0.4	0.9	1.1	40	0.06	0.035	13
1239965	Soil	1.1	16.8	50.0	57	<0.1	14.3	5.2	173	2.54	19.1	3.3	1.4	6	0.2	0.7	3.0	51	0.06	0.031	14
1239966	Soil	1.1	15.6	113.1	58	<0.1	13.7	5.0	171	2.29	10.6	3.5	0.8	6	0.3	0.7	1.5	45	0.05	0.031	13
1239967	Soil	1.1	27.3	234.4	89	0.1	16.2	6.0	270	2.44	10.8	2.5	0.4	8	0.5	0.7	1.8	43	0.06	0.068	16
1239968	Soil	1.6	32.4	236.4	115	<0.1	20.0	7.0	376	3.02	14.5	3.2	3.0	7	0.3	0.9	3.5	48	0.07	0.045	16
1239969	Soil	0.9	20.6	340.5	80	0.2	15.2	5.3	224	2.12	12.5	3.1	1.0	6	0.3	0.7	0.8	36	0.06	0.039	12
1239970	Soil	1.7	22.3	75.0	124	0.3	13.5	4.9	224	2.30	15.9	2.9	0.4	6	0.2	0.6	5.3	43	0.04	0.055	12
1239971	Soil	1.2	25.4	36.2	84	<0.1	16.8	6.0	218	2.66	14.5	3.0	0.6	7	0.2	0.7	2.8	48	0.06	0.048	17
1239972	Soil	1.2	47.8	15.4	76	0.2	23.3	8.9	359	2.46	13.7	4.8	2.4	10	0.2	0.8	3.6	41	0.10	0.057	19
1239973	Soil	1.1	29.8	9.4	61	<0.1	24.9	6.9	197	2.40	15.9	23.3	1.1	10	0.1	0.5	1.1	50	0.09	0.053	13
1239974	Soil	1.1	53.7	12.7	69	<0.1	21.7	10.8	438	2.98	12.5	12.4	1.2	9	0.1	0.6	10.5	45	0.08	0.050	15
1239975	Soil	1.0	33.1	10.2	77	<0.1	23.5	8.4	420	2.91	16.0	4.8	1.1	10	0.1	0.6	0.9	52	0.07	0.052	13
1239976	Soil	1.4	32.1	10.7	72	0.3	26.1	9.9	521	2.90	18.9	3.2	0.4	11	0.2	0.7	1.1	54	0.07	0.075	12
1239977	Soil	1.5	31.0	10.4	67	<0.1	22.5	8.4	303	2.62	12.9	11.0	1.1	9	0.2	0.7	0.7	44	0.07	0.053	13
1239978	Soil	2.0	30.5	12.4	49	0.1	14.5	4.6	142	2.10	14.1	3.0	0.2	10	0.1	0.7	1.3	52	0.05	0.066	12
1239979	Soil	0.8	22.5	20.5	71	<0.1	19.0	8.9	366	2.46	14.5	2.3	1.5	7	0.3	0.7	1.9	37	0.07	0.042	14
1239980	Soil	1.1	32.6	13.3	66	<0.1	23.1	10.5	388	2.78	14.0	8.3	1.6	9	0.2	0.7	0.4	47	0.08	0.056	15
1239981	Soil	0.8	27.2	17.0	69	<0.1	23.0	11.6	401	2.60	15.7	2.1	3.0	8	0.2	0.7	1.2	38	0.09	0.048	13
1239982	Soil	0.9	27.3	12.3	53	0.1	15.9	5.7	201	2.28	11.7	1.9	1.1	6	0.2	0.7	0.4	39	0.06	0.043	12
1239427	Soil	1.5	23.2	19.9	52	0.4	13.4	5.0	172	2.22	20.4	2.1	0.1	7	0.3	0.7	0.2	41	0.03	0.107	16
1239428	Soil	1.1	23.7	16.1	93	0.2	25.8	11.4	438	2.86	33.0	8.7	1.5	8	0.5	0.8	0.2	37	0.06	0.055	16
1239429	Soil	0.9	35.6	16.5	109	0.2	40.1	27.0	563	3.24	74.7	6.4	5.4	10	0.6	0.7	0.2	30	0.09	0.070	22
1239430	Soil	1.1	20.7	17.5	78	<0.1	22.2	8.6	355	2.76	28.9	3.8	1.5	9	0.3	0.6	0.2	42	0.06	0.045	15
1239431	Soil	0.7	18.7	14.9	280	<0.1	20.3	9.1	279	2.74	39.3	3.0	2.4	10	1.0	0.5	0.3	37	0.09	0.046	15
1239432	Soil	0.5	46.9	37.8	282	0.4	58.3	27.9	434	4.47	76.8	2.0	14.2	52	1.9	0.6	0.5	42	0.48	0.066	34
1239433	Soil	1.5	97.2	45.3	586	0.5	52.1	62.5	1279	4.66	344.3	19.3	14.8	21	4.0	0.7	0.7	45	0.11	0.080	26

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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
1239960	Soil	30	0.34	76	0.029	3	1.45	0.003	0.10	1.3	0.03	1.8	0.3	<0.05	5	<0.5	1	<0.2
1239961	Soil	36	0.39	93	0.038	2	1.60	0.003	0.17	1.2	0.03	3.2	0.7	<0.05	5	<0.5	2	<0.2
1239962	Soil	30	0.28	65	0.030	2	1.05	0.003	0.13	4.9	0.03	2.1	0.7	<0.05	4	0.5	2	<0.2
1239963	Soil	27	0.33	86	0.025	<1	1.25	0.012	0.06	0.5	0.02	2.2	0.3	<0.05	4	<0.5	<1	<0.2
1239964	Soil	27	0.34	77	0.027	2	1.35	0.003	0.08	0.7	0.02	2.5	0.3	<0.05	4	<0.5	2	<0.2
1239965	Soil	26	0.28	81	0.024	1	1.31	0.003	0.05	0.5	0.05	2.1	0.3	<0.05	6	<0.5	2	<0.2
1239966	Soil	24	0.27	82	0.019	<1	1.19	0.003	0.05	0.5	0.03	1.4	0.3	<0.05	5	<0.5	1	<0.2
1239967	Soil	27	0.25	92	0.013	1	1.32	0.004	0.08	0.8	0.05	1.0	0.4	<0.05	5	<0.5	3	<0.2
1239968	Soil	30	0.30	82	0.021	2	1.36	0.003	0.09	1.4	0.03	2.3	0.4	<0.05	5	<0.5	6	<0.2
1239969	Soil	23	0.27	64	0.016	<1	1.14	0.003	0.05	0.9	0.04	1.5	0.3	<0.05	4	0.7	2	<0.2
1239970	Soil	25	0.23	66	0.014	<1	1.18	0.003	0.08	1.5	0.05	1.0	0.4	<0.05	5	<0.5	4	<0.2
1239971	Soil	29	0.31	104	0.016	1	1.47	0.003	0.07	1.3	0.06	1.5	0.5	<0.05	6	<0.5	3	<0.2
1239972	Soil	26	0.35	132	0.027	2	1.23	0.004	0.06	0.5	0.07	3.2	0.3	<0.05	4	<0.5	3	<0.2
1239973	Soil	44	0.46	92	0.026	1	1.50	0.003	0.07	0.4	0.04	2.0	0.4	<0.05	5	<0.5	5	<0.2
1239974	Soil	30	0.39	110	0.028	2	1.50	0.004	0.08	0.7	0.04	2.1	0.4	<0.05	5	0.7	16	<0.2
1239975	Soil	38	0.41	97	0.037	2	1.52	0.004	0.07	0.3	0.03	2.6	0.3	<0.05	5	<0.5	4	<0.2
1239976	Soil	41	0.44	94	0.024	1	1.43	0.004	0.07	0.3	0.04	1.5	0.3	<0.05	6	<0.5	4	<0.2
1239977	Soil	27	0.36	96	0.018	1	1.34	0.003	0.06	0.2	0.03	1.6	0.3	<0.05	4	<0.5	2	<0.2
1239978	Soil	22	0.19	72	0.014	<1	1.00	0.003	0.05	0.2	0.05	0.7	0.3	0.05	5	<0.5	2	<0.2
1239979	Soil	23	0.30	93	0.017	1	1.25	0.003	0.05	0.5	0.03	1.8	0.3	<0.05	4	<0.5	3	<0.2
1239980	Soil	29	0.38	131	0.021	1	1.50	0.004	0.06	0.3	0.04	2.5	0.2	<0.05	5	<0.5	1	<0.2
1239981	Soil	25	0.39	115	0.025	2	1.45	0.003	0.06	0.3	0.05	2.4	0.2	<0.05	4	0.5	2	<0.2
1239982	Soil	22	0.28	74	0.016	1	1.30	0.003	0.03	0.3	0.03	1.5	0.3	<0.05	4	<0.5	2	<0.2
1239427	Soil	22	0.16	77	0.008	1	1.22	0.004	0.03	0.3	0.10	0.5	0.2	0.06	5	1.0	1	<0.2
1239428	Soil	28	0.32	94	0.022	1	1.28	0.004	0.05	0.4	0.05	1.9	0.1	<0.05	4	<0.5	1	<0.2
1239429	Soil	33	0.40	76	0.023	1	1.30	0.002	0.10	0.2	0.03	2.1	0.2	<0.05	4	<0.5	1	<0.2
1239430	Soil	28	0.41	74	0.024	<1	1.34	0.003	0.10	0.3	0.03	1.6	0.2	<0.05	6	<0.5	2	<0.2
1239431	Soil	26	0.37	85	0.023	1	1.30	0.003	0.08	0.3	0.03	1.8	0.2	<0.05	5	<0.5	1	<0.2
1239432	Soil	43	0.77	101	0.044	1	2.57	0.016	0.42	0.2	0.05	5.2	0.5	0.09	9	<0.5	3	<0.2
1239433	Soil	41	0.54	127	0.034	<1	2.11	0.007	0.37	0.3	0.03	3.5	1.2	<0.05	7	0.7	5	<0.2

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	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
1239434	Soil	1.1	69.8	14.3	119	<0.1	19.2	9.8	393	2.57	56.5	1.4	1.6	11	0.5	0.5	0.8	38	0.09	0.047	13
1239435	Soil	0.8	42.1	20.7	167	0.2	26.3	12.0	378	2.67	52.2	6.3	4.8	13	1.1	0.6	1.0	38	0.09	0.041	15
1239436	Soil	0.8	47.1	22.5	178	0.3	23.7	10.9	386	2.48	93.2	12.7	3.6	15	0.9	0.7	0.7	37	0.13	0.050	15
1239437	Soil	1.0	14.3	10.3	61	<0.1	14.2	5.8	195	2.53	13.2	2.1	3.2	6	0.3	0.6	0.3	42	0.05	0.037	11
1239438	Soil	0.8	55.6	11.0	126	<0.1	27.4	10.4	359	2.58	58.8	2.8	3.1	13	0.8	0.6	3.2	37	0.09	0.048	16
1239439	Soil	0.9	44.2	30.8	293	0.3	16.1	7.0	287	2.61	76.3	23.7	2.3	8	0.8	0.8	1.5	36	0.07	0.044	15
1239440	Soil	0.8	30.0	13.4	213	<0.1	21.7	12.9	549	2.68	28.7	13.2	7.1	10	1.0	0.6	0.7	36	0.08	0.042	18
1239441	Soil	0.8	111.5	20.7	587	0.8	42.7	17.8	724	4.40	140.4	3.0	8.5	24	4.2	0.7	0.7	38	0.10	0.049	22
1239442	Soil	1.0	17.7	12.2	81	<0.1	17.9	11.5	624	2.46	23.1	6.0	2.6	14	0.4	0.5	0.4	37	0.08	0.056	14
1239443	Soil	1.0	47.2	210.0	565	0.5	27.0	24.8	1309	3.77	52.7	2.9	7.0	12	2.9	0.7	1.2	37	0.09	0.057	32
1239444	Soil	0.7	14.3	39.2	108	0.1	10.8	4.3	211	1.95	18.6	0.7	1.1	8	0.5	0.4	0.6	34	0.07	0.037	13
1239445	Soil	0.9	40.6	61.6	203	0.3	28.2	11.6	662	2.92	34.4	4.5	5.0	12	1.0	0.6	1.4	39	0.12	0.064	16
1239446	Soil	0.7	16.1	13.6	65	<0.1	18.1	6.9	230	2.29	15.2	2.2	1.5	8	0.1	0.3	0.4	39	0.07	0.040	17
1239447	Soil	0.9	25.0	20.0	121	<0.1	18.7	11.5	546	2.86	26.4	2.8	2.1	5	0.4	0.4	0.8	40	0.05	0.050	23
1239448	Soil	0.8	23.8	16.2	131	<0.1	20.3	10.4	434	2.44	20.8	3.0	3.9	8	0.5	0.7	0.7	35	0.10	0.047	17
1239449	Soil	1.0	22.9	58.9	104	<0.1	13.0	6.1	231	2.83	34.9	1.6	2.9	6	0.3	0.7	0.6	43	0.05	0.034	19
1239450	Soil	0.8	28.2	9.8	88	0.1	23.4	10.0	361	2.62	19.0	2.9	4.7	9	0.2	0.6	0.4	39	0.09	0.051	19
1240251	Soil	0.4	59.7	18.1	129	<0.1	42.7	18.9	421	4.15	16.5	1.3	16.7	17	0.3	0.1	0.6	51	0.14	0.054	42
1240252	Soil	0.7	44.6	9.4	84	<0.1	18.2	12.0	482	2.45	19.9	16.4	3.6	8	0.3	0.6	2.2	31	0.09	0.050	16
1240253	Soil	0.8	24.6	8.1	68	<0.1	21.0	8.5	243	2.33	24.7	3.2	3.5	9	0.2	0.5	0.3	41	0.09	0.048	17
1240254	Soil	0.6	34.1	8.0	62	<0.1	20.0	8.1	241	2.17	15.9	2.4	3.2	8	0.2	0.5	0.2	35	0.09	0.050	17
1240255	Soil	0.8	31.8	9.8	92	<0.1	28.3	9.5	250	3.00	33.1	2.6	7.5	8	0.2	0.4	0.6	37	0.05	0.031	31
1240256	Soil	1.1	19.5	10.8	61	<0.1	18.8	6.6	194	2.77	18.4	2.4	1.1	8	0.1	0.5	0.3	53	0.07	0.050	15

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CERTIFICATE OF ANALYSIS DAW12000061.1

	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
1239434	Soil	26	0.33	73	0.027	2	1.30	0.004	0.08	0.3	0.03	1.6	0.2	<0.05	5	<0.5	6	<0.2
1239435	Soil	30	0.38	134	0.037	2	1.48	0.005	0.11	0.4	0.03	2.7	0.5	<0.05	4	<0.5	6	<0.2
1239436	Soil	28	0.37	142	0.028	<1	1.46	0.006	0.06	0.4	0.04	2.8	0.2	<0.05	4	<0.5	2	<0.2
1239437	Soil	24	0.25	79	0.026	1	1.35	0.003	0.05	0.2	0.04	1.9	0.2	<0.05	5	<0.5	1	<0.2
1239438	Soil	36	0.46	136	0.035	3	1.55	0.005	0.17	0.4	0.03	2.5	0.7	<0.05	5	<0.5	8	<0.2
1239439	Soil	22	0.34	87	0.022	2	1.22	0.004	0.05	0.3	0.05	2.1	0.2	<0.05	4	<0.5	6	<0.2
1239440	Soil	25	0.42	124	0.034	1	1.54	0.005	0.11	0.3	0.02	3.0	0.3	<0.05	5	0.6	4	<0.2
1239441	Soil	46	0.48	123	0.035	1	1.52	0.015	0.17	0.4	0.04	3.0	0.3	0.07	6	<0.5	4	<0.2
1239442	Soil	26	0.37	83	0.031	2	1.37	0.005	0.09	0.3	0.03	2.0	0.2	<0.05	5	<0.5	3	<0.2
1239443	Soil	30	0.42	109	0.029	<1	1.62	0.004	0.19	0.3	0.01	3.5	0.7	<0.05	6	<0.5	7	<0.2
1239444	Soil	24	0.28	69	0.021	<1	1.09	0.004	0.05	0.2	0.02	1.4	0.2	<0.05	5	0.6	3	<0.2
1239445	Soil	35	0.57	130	0.046	<1	1.99	0.006	0.11	0.5	0.02	3.5	0.3	<0.05	5	<0.5	10	<0.2
1239446	Soil	34	0.36	78	0.028	<1	1.44	0.005	0.06	0.2	0.02	1.6	0.2	<0.05	5	<0.5	2	<0.2
1239447	Soil	30	0.35	76	0.027	<1	1.45	0.004	0.11	0.3	0.03	1.6	0.5	<0.05	5	<0.5	4	<0.2
1239448	Soil	25	0.37	80	0.036	<1	1.37	0.005	0.06	0.7	0.03	2.5	0.3	<0.05	4	<0.5	3	<0.2
1239449	Soil	25	0.24	55	0.014	<1	1.23	0.004	0.06	0.2	0.04	1.7	0.6	<0.05	5	<0.5	3	<0.2
1239450	Soil	29	0.43	118	0.042	<1	1.42	0.005	0.09	0.3	0.04	2.6	0.3	<0.05	4	<0.5	1	<0.2
1240251	Soil	52	0.83	303	0.078	<1	2.94	0.006	0.43	0.3	<0.01	5.6	2.4	0.06	10	<0.5	4	<0.2
1240252	Soil	22	0.34	82	0.028	<1	1.24	0.004	0.07	0.5	0.04	1.9	0.3	<0.05	4	<0.5	6	<0.2
1240253	Soil	28	0.45	123	0.038	<1	1.45	0.007	0.08	0.3	0.03	2.7	0.2	<0.05	4	<0.5	<1	<0.2
1240254	Soil	23	0.38	127	0.029	<1	1.15	0.006	0.05	0.2	0.04	3.0	0.1	<0.05	3	<0.5	<1	<0.2
1240255	Soil	34	0.53	135	0.039	<1	1.89	0.005	0.27	0.3	0.02	2.7	0.6	<0.05	6	<0.5	1	<0.2
1240256	Soil	33	0.45	90	0.034	1	1.78	0.006	0.06	0.2	0.05	2.0	0.2	0.07	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: SP
Report Date: July 17, 2012

QUALITY CONTROL REPORT DAW12000061.1

	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																					
1238187	Soil	1.0	18.1	14.1	48	<0.1	17.0	6.7	194	2.37	8.9	<0.5	1.4	9	0.1	0.8	0.2	28	0.04	0.044	20
REP 1238187	QC	1.1	18.3	14.0	47	<0.1	17.7	6.7	196	2.31	9.1	20.2	1.2	9	0.1	0.8	0.2	29	0.04	0.045	20
1239767	Soil	0.9	38.6	25.4	134	0.4	19.6	7.0	339	2.56	15.4	3.3	1.3	8	0.7	0.7	0.9	40	0.07	0.052	19
REP 1239767	QC	1.1	38.3	25.4	132	0.4	21.1	7.0	353	2.52	15.7	1.4	1.2	9	0.9	0.7	0.9	40	0.07	0.050	19
1239775	Soil	0.8	19.8	12.5	54	<0.1	20.9	8.6	288	2.22	10.5	4.9	0.8	13	0.2	0.8	0.3	36	0.13	0.062	13
REP 1239775	QC	1.0	19.7	12.5	55	<0.1	20.8	8.4	284	2.22	11.0	2.1	0.8	13	0.2	0.9	0.3	37	0.13	0.061	13
1239803	Soil	1.1	11.1	11.9	74	0.1	12.6	5.6	298	2.26	9.0	0.8	14.5	15	0.2	0.5	0.9	42	0.19	0.053	25
REP 1239803	QC	1.2	11.1	11.7	76	0.1	11.8	5.7	295	2.33	9.8	5.0	14.4	17	0.2	0.5	0.8	43	0.18	0.055	24
1240174	Soil	0.8	17.8	10.8	60	<0.1	19.0	7.6	234	2.09	16.0	2.9	2.8	8	0.2	0.7	0.2	34	0.09	0.051	13
REP 1240174	QC	0.7	18.5	10.8	61	<0.1	19.5	7.7	237	2.17	16.5	2.2	3.0	8	0.2	0.8	0.2	36	0.10	0.047	14
1240180	Soil	1.0	6.3	11.5	21	<0.1	5.6	2.4	102	1.52	12.7	15.3	0.2	5	<0.1	0.4	0.2	63	0.03	0.026	12
REP 1240180	QC	1.2	6.1	11.3	21	<0.1	5.8	2.3	99	1.52	12.6	3.2	0.3	5	<0.1	0.5	0.2	63	0.03	0.024	11
1239963	Soil	0.8	19.4	17.3	54	<0.1	17.6	8.3	354	2.54	13.0	2.6	2.2	6	0.2	0.7	0.5	38	0.07	0.037	12
REP 1239963	QC	1.0	19.9	17.3	57	<0.1	18.8	8.7	359	2.59	13.8	2.4	2.2	7	0.2	0.8	0.4	38	0.08	0.041	12
1239969	Soil	0.9	20.6	340.5	80	0.2	15.2	5.3	224	2.12	12.5	3.1	1.0	6	0.3	0.7	0.8	36	0.06	0.039	12
REP 1239969	QC	0.9	20.6	343.5	78	0.2	14.0	5.4	224	2.12	12.8	3.7	1.1	6	0.2	0.7	0.8	36	0.06	0.040	12
1239443	Soil	1.0	47.2	210.0	565	0.5	27.0	24.8	1309	3.77	52.7	2.9	7.0	12	2.9	0.7	1.2	37	0.09	0.057	32
REP 1239443	QC	1.0	45.1	203.1	556	0.5	26.1	23.3	1265	3.61	50.4	2.2	7.0	12	2.4	0.7	1.1	36	0.08	0.057	31
1239445	Soil	0.9	40.6	61.6	203	0.3	28.2	11.6	662	2.92	34.4	4.5	5.0	12	1.0	0.6	1.4	39	0.12	0.064	16
REP 1239445	QC	0.8	41.4	60.9	215	0.3	28.2	11.8	681	2.94	35.9	3.3	5.2	12	0.7	0.6	1.4	39	0.11	0.063	16
Reference Materials																					
STD DS9	Standard	14.3	109.2	123.2	305	1.8	42.0	8.0	588	2.37	23.8	119.1	6.4	73	2.1	5.1	6.0	46	0.74	0.084	15
STD DS9	Standard	13.4	103.2	125.4	308	1.9	39.5	7.3	607	2.41	26.8	114.2	7.0	77	2.6	6.2	6.8	42	0.74	0.080	13
STD DS9	Standard	11.9	93.0	122.1	286	1.8	35.5	6.7	547	2.18	24.4	107.7	6.2	76	2.4	5.5	7.2	38	0.68	0.077	13
STD DS9	Standard	12.7	102.2	116.2	296	1.8	36.7	6.7	552	2.19	25.0	127.7	6.0	77	2.0	6.1	6.8	42	0.66	0.085	13
STD DS9	Standard	13.6	115.1	125.6	317	1.8	41.7	8.1	593	2.41	26.3	123.2	5.8	69	2.4	5.9	6.8	45	0.72	0.084	12
STD DS9	Standard	13.7	115.7	121.7	309	1.8	42.9	7.8	598	2.35	24.6	144.8	6.7	71	2.4	5.5	6.3	47	0.72	0.083	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

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Project: SP
Report Date: July 17, 2012

QUALITY CONTROL REPORT DAW12000061.1

	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
Pulp Duplicates																		
1238187	Soil	16	0.27	53	0.013	1	0.86	0.004	0.03	0.2	0.05	0.9	<0.1	0.06	3	0.8	<1	<0.2
REP 1238187	QC	17	0.27	54	0.012	1	0.86	0.004	0.03	0.2	0.03	1.0	<0.1	<0.05	3	0.6	<1	<0.2
1239767	Soil	24	0.37	88	0.020	1	1.30	0.004	0.06	0.3	0.05	1.6	0.2	<0.05	4	0.5	2	<0.2
REP 1239767	QC	23	0.36	89	0.020	<1	1.25	0.004	0.06	0.3	0.04	2.0	0.2	<0.05	4	0.7	2	<0.2
1239775	Soil	21	0.37	129	0.023	2	1.20	0.005	0.06	0.2	0.05	1.8	0.2	<0.05	4	<0.5	<1	<0.2
REP 1239775	QC	21	0.37	131	0.026	<1	1.18	0.005	0.06	0.2	0.06	1.8	0.2	<0.05	4	<0.5	<1	<0.2
1239803	Soil	18	0.35	122	0.044	<1	1.31	0.006	0.07	1.1	0.03	3.1	0.3	<0.05	5	0.6	2	<0.2
REP 1239803	QC	17	0.34	121	0.045	<1	1.29	0.006	0.07	1.0	0.03	3.1	0.3	<0.05	5	<0.5	2	<0.2
1240174	Soil	21	0.28	87	0.025	<1	1.07	0.003	0.05	0.3	0.03	2.1	0.2	<0.05	3	<0.5	<1	<0.2
REP 1240174	QC	22	0.28	93	0.027	<1	1.05	0.003	0.05	0.3	0.02	2.0	0.2	<0.05	3	<0.5	<1	<0.2
1240180	Soil	15	0.10	39	0.039	<1	0.67	0.002	0.02	0.2	0.03	0.7	0.1	<0.05	6	<0.5	1	<0.2
REP 1240180	QC	14	0.10	39	0.039	<1	0.69	0.002	0.02	0.1	0.03	0.7	0.1	<0.05	7	<0.5	1	<0.2
1239963	Soil	27	0.33	86	0.025	<1	1.25	0.012	0.06	0.5	0.02	2.2	0.3	<0.05	4	<0.5	<1	<0.2
REP 1239963	QC	28	0.35	90	0.027	1	1.32	0.004	0.07	0.5	0.02	2.2	0.3	<0.05	4	<0.5	<1	<0.2
1239969	Soil	23	0.27	64	0.016	<1	1.14	0.003	0.05	0.9	0.04	1.5	0.3	<0.05	4	0.7	2	<0.2
REP 1239969	QC	22	0.28	65	0.015	2	1.15	0.003	0.05	1.0	0.04	1.6	0.2	<0.05	4	<0.5	2	<0.2
1239443	Soil	30	0.42	109	0.029	<1	1.62	0.004	0.19	0.3	0.01	3.5	0.7	<0.05	6	<0.5	7	<0.2
REP 1239443	QC	29	0.40	107	0.027	<1	1.53	0.004	0.18	0.3	0.02	3.1	0.7	<0.05	5	0.7	7	<0.2
1239445	Soil	35	0.57	130	0.046	<1	1.99	0.006	0.11	0.5	0.02	3.5	0.3	<0.05	5	<0.5	10	<0.2
REP 1239445	QC	34	0.58	133	0.043	1	2.03	0.006	0.11	0.4	0.04	3.3	0.3	<0.05	5	0.6	10	<0.2
Reference Materials																		
STD DS9	Standard	129	0.64	300	0.120	3	0.95	0.091	0.35	2.9	0.21	2.5	5.5	0.20	5	5.5	6	5.3
STD DS9	Standard	118	0.60	311	0.114	3	0.90	0.090	0.39	3.1	0.23	3.0	5.7	0.15	4	5.7	7	5.0
STD DS9	Standard	109	0.58	298	0.108	2	0.91	0.091	0.36	3.0	0.20	2.5	5.3	0.12	4	5.4	6	4.9
STD DS9	Standard	114	0.60	304	0.104	3	0.86	0.086	0.36	2.9	0.20	2.5	4.9	0.11	5	5.2	7	4.3
STD DS9	Standard	127	0.53	304	0.116	3	0.92	0.081	0.38	3.1	0.23	2.4	5.6	0.14	5	6.1	7	5.1
STD DS9	Standard	130	0.54	299	0.122	2	0.95	0.089	0.36	3.0	0.21	2.4	5.3	0.19	5	5.2	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

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www.acmelab.com

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

Project: SP
Report Date: July 17, 2012

QUALITY CONTROL REPORT DAW12000061.1

		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
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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Project: SP
Report Date: July 17, 2012

QUALITY CONTROL REPORT DAW12000061.1

		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
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

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.

Appendix V: Silt 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 13, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS DAW12000062.1

CLIENT JOB INFORMATION

Project: SP
Shipment ID: SP Soils 1
P.O. Number
Number of Samples: 2

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	2	Dry at 60C			DAW
SS80	2	Dry at 60C sieve 100g to -80 mesh			DAW
RJSV	2	Saving all or part of Soil Reject			DAW
1DX2	2	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: SP
Report Date: July 13, 2012

CERTIFICATE OF ANALYSIS DAW12000062.1

	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
1239510	Silt	0.9	22.2	65.7	393	0.4	18.4	9.3	652	1.92	19.8	8.2	1.2	12	7.2	0.5	1.2	30	0.17	0.046	16
1239511	Silt	1.5	64.7	62.0	1277	1.0	28.4	10.1	778	1.98	13.6	4.0	1.4	41	19.8	0.5	2.6	37	0.71	0.084	48

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

Project: SP
Report Date: July 13, 2012

CERTIFICATE OF ANALYSIS DAW12000062.1

	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
1239510	Silt	19	0.26	127	0.018	2	0.98	0.003	0.05	1.2	0.03	1.7	0.2	<0.05	3	<0.5	1	<0.2
1239511	Silt	25	0.34	159	0.017	3	1.21	0.005	0.07	1.5	0.07	2.2	0.3	0.10	4	3.5	3	<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: SP
Report Date: July 13, 2012

QUALITY CONTROL REPORT DAW12000062.1

	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
Reference Materials																					
STD DS9	Standard	13.1	108.6	118.0	295	1.8	43.4	7.8	593	2.34	23.9	128.9	6.3	67	2.3	5.2	6.1	42	0.70	0.079	13
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

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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: SP
Report Date: July 13, 2012

QUALITY CONTROL REPORT DAW12000062.1

	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
Reference Materials																		
STD DS9	Standard	126	0.62	283	0.111	2	0.91	0.076	0.34	3.0	0.20	2.4	5.5	0.25	5	5.1	6	4.9
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

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.

Appendix VI: 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 25, 2012
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI12000191.1

CLIENT JOB INFORMATION

Project: SP
Shipment ID: SP Rx1
P.O. Number
Number of Samples: 43

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	42	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	42	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	42	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

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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: SP
Report Date: July 25, 2012

CERTIFICATE OF ANALYSIS WHI12000191.1

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
1206639	Rock	1.02	<2	0.1	7.7	7.9	23	<0.1	8.5	3.2	111	1.44	1.5	0.7	4.2	9	<0.1	<0.1	<0.1	4	0.10
1206640	Rock	0.74	<2	0.4	47.9	223.8	145	2.5	18.7	6.0	777	4.72	13.1	0.8	2.2	4	0.3	<0.1	1.8	22	0.02
1206641	Rock	0.74	<2	0.2	30.6	81.1	75	1.0	37.5	22.0	1212	1.90	4.8	1.2	5.0	8	0.4	0.2	0.8	6	0.08
1206642	Rock	1.28	43	0.1	48.6	24.1	396	3.1	6.8	4.9	117	4.20	2829	49.4	5.3	2	12.7	2.1	1.1	5	<0.01
1206643	Rock	1.20	2	0.2	11.2	7.5	144	0.4	14.6	5.0	426	2.45	8.9	3.0	1.1	13	0.4	0.3	0.9	22	0.22
1206644	Rock	1.29	<2	0.1	22.9	6.4	356	0.1	3.7	0.9	56	1.37	13.3	3.2	3.9	<1	0.6	0.9	0.3	3	<0.01
1206645	Rock	1.03	<2	0.3	23.9	105.8	1612	0.9	5.7	3.4	799	4.98	10.1	0.6	7.7	2	5.0	0.3	0.8	9	<0.01
1206646	Rock	0.89	<2	0.1	26.9	11.5	36	0.3	16.0	8.7	153	1.50	21.2	3.1	3.2	92	0.1	<0.1	0.6	8	0.55
1206647	Rock	0.79	<2	0.3	25.2	12.9	63	0.2	31.8	10.3	111	1.13	10.7	4.0	4.0	64	0.3	<0.1	1.1	6	0.54
1206648	Rock	0.96	<2	0.7	24.1	15.4	79	0.2	12.7	6.6	98	1.32	24.4	<0.5	10.7	44	0.7	<0.1	0.2	11	0.26
1206649	Rock	1.00	5	0.2	28.3	8.2	55	<0.1	90.0	24.9	1160	2.55	1.4	0.9	4.1	180	<0.1	<0.1	0.1	46	1.33
1206650	Rock	0.99	<2	0.2	10.0	3.3	44	<0.1	21.9	9.7	404	2.31	23.8	1.9	4.9	21	<0.1	<0.1	<0.1	23	0.15
1206083	Rock	0.57	<2	0.1	2.8	10.2	11	0.5	4.5	1.2	119	0.72	1.6	<0.5	0.9	<1	<0.1	<0.1	0.9	<2	<0.01
1206084	Rock	0.79	<2	0.2	13.1	2.1	5	<0.1	8.1	2.5	61	0.72	1.9	<0.5	0.2	<1	<0.1	0.2	<0.1	<2	<0.01
1206085	Rock	0.69	<2	0.1	8.3	109.9	13	0.5	9.6	3.2	186	0.78	1.6	<0.5	0.3	2	<0.1	1.0	1.2	<2	0.02
1206086	Rock	0.65	<2	0.4	7.5	6.6	26	<0.1	15.6	8.9	300	1.36	0.8	<0.5	6.3	4	<0.1	0.1	<0.1	3	0.02
1206087	Rock	0.96	<2	0.2	18.6	10.4	57	<0.1	10.7	3.3	153	3.38	1.2	<0.5	8.4	4	<0.1	<0.1	0.2	13	<0.01
1206088	Rock	0.95	<2	0.2	23.8	22.1	56	<0.1	42.5	20.8	294	2.09	1.8	<0.5	5.2	3	0.1	0.3	0.3	4	<0.01
1206089	Rock	0.59	27	0.2	5.9	3.7	22	<0.1	8.9	2.9	130	0.91	540.5	25.4	5.9	5	0.2	2.8	<0.1	<2	<0.01
1206090	Rock	0.67	<2	0.2	3.5	8.0	10	1.3	2.4	0.5	33	0.48	54.9	2.0	2.5	2	<0.1	1.0	<0.1	<2	<0.01
1206091	Rock	0.58	<2	0.2	5.7	10.1	32	<0.1	7.5	3.6	197	1.33	6.3	0.9	8.0	3	<0.1	1.1	<0.1	4	0.01
1206092	Rock	0.60	<2	0.2	7.7	48.2	18	1.9	9.6	3.6	145	0.93	14.7	<0.5	5.9	3	0.1	0.2	2.4	2	0.02
1206093	Rock	0.37	<2	0.2	5.6	6.1	58	<0.1	9.0	3.6	150	1.18	28.4	<0.5	6.7	2	0.2	0.7	<0.1	<2	0.02
1205839	Rock	1.64	22	0.5	528.9	298.3	166	>100	3.6	0.6	36	5.37	2482	19.9	4.4	2	8.4	20.7	83.1	<2	<0.01
1205840	Rock	1.84	13	0.2	198.8	145.0	86	29.9	2.4	0.5	35	1.99	843.1	8.9	5.7	3	4.6	7.6	214.4	<2	<0.01
1205841	Rock	1.77	4	0.1	54.8	11.8	29	0.8	24.4	10.4	194	1.89	16.9	<0.5	13.3	85	0.3	<0.1	1.7	13	1.14
1205842	Rock	1.23	18	0.2	443.8	18.9	36	8.7	7.8	5.1	95	2.32	32.4	20.1	7.4	26	0.2	<0.1	0.8	14	0.18
1205843	Rock	1.59	9	0.7	124.4	28.2	293	3.6	11.7	6.6	309	11.84	4754	10.3	6.0	2	5.2	38.0	10.2	4	<0.01
1205844	Rock	1.59	<2	0.2	63.3	8.3	26	0.3	9.4	6.3	133	3.04	33.5	<0.5	11.6	35	0.1	<0.1	0.3	17	0.42
1205845	Rock	1.46	<2	0.9	34.7	52.7	98	1.0	21.4	9.8	209	2.33	71.6	<0.5	13.6	121	0.8	0.1	3.0	35	1.78

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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: SP
Report Date: July 25, 2012

CERTIFICATE OF ANALYSIS WHI12000191.1

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
1206639	Rock	0.045	6	19	0.23	27	0.008	<20	0.55	0.009	0.07	<0.1	<0.01	<0.1	<0.05	0.6	<0.5	2	<1	<0.2
1206640	Rock	0.026	9	39	0.96	26	0.004	<20	2.19	<0.001	0.04	<0.1	<0.01	<0.1	<0.05	3.1	<0.5	7	<1	<0.2
1206641	Rock	0.047	14	20	0.28	37	0.004	<20	0.73	0.007	0.10	<0.1	<0.01	<0.1	<0.05	1.6	<0.5	2	<1	<0.2
1206642	Rock	0.016	10	13	<0.01	49	<0.001	<20	0.25	<0.001	0.12	<0.1	0.03	0.4	<0.05	0.7	<0.5	<1	2	0.2
1206643	Rock	0.052	4	19	0.68	46	0.045	<20	1.10	0.012	0.07	0.2	<0.01	0.4	<0.05	2.9	<0.5	4	13	<0.2
1206644	Rock	0.007	8	24	<0.01	18	<0.001	<20	0.21	0.002	0.08	<0.1	0.01	0.2	<0.05	1.0	<0.5	<1	1	<0.2
1206645	Rock	0.012	19	15	0.16	15	0.002	<20	1.00	<0.001	0.04	<0.1	0.02	0.1	<0.05	1.8	<0.5	3	3	<0.2
1206646	Rock	0.022	6	17	0.22	44	0.014	<20	1.18	0.053	0.14	<0.1	<0.01	0.1	0.14	1.3	<0.5	3	3	<0.2
1206647	Rock	0.025	6	18	0.15	52	0.019	<20	1.10	0.046	0.09	<0.1	<0.01	0.1	0.12	1.2	<0.5	3	1	<0.2
1206648	Rock	0.015	15	20	0.17	48	0.029	<20	0.91	0.075	0.28	0.1	<0.01	0.1	<0.05	1.7	<0.5	3	<1	<0.2
1206649	Rock	0.097	7	136	1.53	120	0.055	<20	3.28	0.048	0.19	0.7	<0.01	<0.1	<0.05	3.7	<0.5	9	<1	<0.2
1206650	Rock	0.022	10	33	0.44	105	0.060	<20	1.65	0.059	0.45	<0.1	<0.01	0.1	<0.05	4.6	<0.5	5	<1	<0.2
1206083	Rock	0.003	2	17	0.05	3	<0.001	<20	0.11	0.007	0.01	<0.1	<0.01	<0.1	<0.05	0.4	<0.5	<1	<1	<0.2
1206084	Rock	0.003	<1	19	<0.01	1	<0.001	<20	0.03	0.003	<0.01	<0.1	<0.01	<0.1	<0.05	0.3	<0.5	<1	<1	<0.2
1206085	Rock	0.011	3	17	<0.01	2	<0.001	<20	0.03	0.001	<0.01	<0.1	<0.01	<0.1	<0.05	0.2	<0.5	<1	<1	<0.2
1206086	Rock	0.014	11	13	0.16	25	0.001	<20	0.40	0.024	0.06	<0.1	<0.01	<0.1	<0.05	1.0	<0.5	1	<1	<0.2
1206087	Rock	0.019	18	20	0.69	35	0.003	<20	1.47	0.029	0.08	<0.1	<0.01	<0.1	<0.05	1.9	<0.5	5	<1	<0.2
1206088	Rock	0.015	10	13	0.30	19	0.001	<20	0.76	0.017	0.08	<0.1	<0.01	<0.1	<0.05	1.0	<0.5	2	<1	<0.2
1206089	Rock	0.008	14	6	0.03	25	<0.001	<20	0.33	0.008	0.09	<0.1	<0.01	<0.1	<0.05	1.1	<0.5	<1	<1	<0.2
1206090	Rock	0.005	9	10	0.01	39	0.001	<20	0.19	0.001	0.17	<0.1	<0.01	<0.1	<0.05	0.3	<0.5	<1	<1	<0.2
1206091	Rock	0.018	18	9	0.16	19	<0.001	<20	0.51	0.010	0.08	<0.1	<0.01	<0.1	<0.05	1.0	<0.5	2	<1	<0.2
1206092	Rock	0.013	11	12	0.14	20	0.001	<20	0.36	0.025	0.08	<0.1	<0.01	<0.1	<0.05	0.6	<0.5	1	<1	<0.2
1206093	Rock	0.016	15	7	0.03	45	0.002	<20	0.29	0.002	0.17	<0.1	<0.01	<0.1	<0.05	0.7	<0.5	<1	<1	<0.2
1205839	Rock	0.030	5	13	<0.01	16	0.001	32	0.06	0.002	<0.01	28.0	0.05	<0.1	<0.05	0.3	4.0	<1	68	<0.2
1205840	Rock	0.014	25	14	<0.01	29	<0.001	<20	0.12	0.001	0.08	0.5	0.03	0.2	<0.05	0.4	<0.5	<1	61	<0.2
1205841	Rock	0.021	21	21	0.19	53	0.085	<20	1.85	0.196	0.11	0.5	<0.01	0.2	0.50	1.8	<0.5	6	44	<0.2
1205842	Rock	0.019	12	20	0.45	90	0.038	<20	1.33	0.045	0.41	<0.1	<0.01	0.3	0.13	1.7	<0.5	4	11	<0.2
1205843	Rock	0.064	10	12	<0.01	24	0.001	36	0.18	<0.001	0.02	<0.1	0.57	0.4	<0.05	1.1	1.5	<1	356	<0.2
1205844	Rock	0.027	12	26	0.56	58	0.093	<20	1.40	0.089	0.35	0.4	<0.01	0.5	0.30	2.2	0.5	5	44	<0.2
1205845	Rock	0.027	14	44	0.60	152	0.081	<20	3.64	0.388	0.53	0.3	<0.01	0.4	0.38	3.9	0.9	11	7	<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: SP
Report Date: July 25, 2012

CERTIFICATE OF ANALYSIS WHI12000191.1

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
1205846	Rock	1.58	<2	0.7	92.5	34.3	45	0.5	19.7	8.8	102	2.45	16.5	<0.5	11.0	100	0.4	<0.1	0.4	23	1.15
1205847	Rock	1.65	2	0.2	109.0	32.1	36	0.8	9.9	6.1	90	2.47	15.0	0.5	16.5	44	0.5	<0.1	1.5	18	0.46
1205848	Rock	1.51	<2	0.3	38.9	13.8	246	0.2	36.4	20.4	869	5.16	17.1	0.9	5.7	5	0.4	0.5	0.2	19	0.02
1205849	Rock	1.83	<2	0.4	820.4	163.3	727	10.0	10.7	2.2	237	6.55	461.1	1.1	7.7	3	2.8	0.4	3.3	9	<0.01
1205872	Rock	0.98	<2	<0.1	12.9	9.1	41	0.2	7.9	3.1	152	1.90	6.8	<0.5	8.4	4	<0.1	<0.1	0.2	7	0.02
1205873	Rock	0.74	7	0.3	60.5	16.8	53	0.1	17.6	5.7	234	2.10	5.7	2.9	8.3	5	<0.1	<0.1	0.3	9	0.03
1205874	Rock	0.69	3	0.2	56.6	21.9	50	0.4	22.4	6.4	321	2.18	11.0	2.4	8.3	98	0.3	<0.1	2.1	23	1.02
1205875	Rock	0.89	2	1.2	40.7	21.6	120	0.3	11.1	2.4	117	0.48	6.5	0.9	11.3	126	1.8	0.1	0.6	17	2.24
1205876	Rock	0.92	<2	0.2	4.0	1.2	19	<0.1	2.6	0.6	71	0.64	27.1	<0.5	15.4	<1	<0.1	0.2	<0.1	<2	<0.01
1205686	Rock	0.97	<2	0.1	22.5	12.7	64	<0.1	25.8	17.8	215	2.91	10.1	<0.5	18.1	33	<0.1	<0.1	0.5	17	0.19
1205687	Rock	0.64	<2	0.3	17.5	1.6	28	<0.1	4.5	2.3	229	1.87	3.5	<0.5	10.3	9	<0.1	<0.1	<0.1	23	0.03
1205688	Rock	0.71	<2	0.3	9.1	3.0	52	<0.1	2.3	5.0	430	2.70	0.6	<0.5	38.5	18	<0.1	<0.1	0.6	40	0.42
1205689	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.

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www.acmelab.com

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

Project: SP
Report Date: July 25, 2012

CERTIFICATE OF ANALYSIS WHI12000191.1

	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
1205846	Rock	0.024	16	33	0.29	45	0.075	<20	2.38	0.217	0.25	0.3	<0.01	0.3	0.46	2.5	<0.5	8	8	<0.2
1205847	Rock	0.019	15	29	0.25	52	0.067	<20	1.15	0.094	0.19	0.2	<0.01	0.1	0.42	2.5	<0.5	5	21	<0.2
1205848	Rock	0.041	20	33	0.19	48	0.005	<20	0.82	0.008	0.10	<0.1	0.05	0.5	<0.05	3.3	<0.5	3	<1	<0.2
1205849	Rock	0.009	10	17	0.06	17	0.002	<20	0.75	0.003	0.09	0.1	<0.01	0.3	<0.05	1.4	1.1	3	15	<0.2
1205872	Rock	0.014	15	15	0.42	25	0.003	<20	0.94	0.018	0.08	<0.1	0.01	<0.1	<0.05	0.9	<0.5	3	<1	<0.2
1205873	Rock	0.014	12	18	0.46	47	0.010	<20	0.96	0.023	0.14	<0.1	<0.01	<0.1	<0.05	1.5	<0.5	3	<1	<0.2
1205874	Rock	0.012	11	30	0.41	115	0.047	<20	2.74	0.178	0.28	0.2	<0.01	0.2	0.09	3.0	<0.5	7	1	<0.2
1205875	Rock	0.081	18	11	0.18	73	0.052	<20	3.13	0.339	0.05	0.2	<0.01	<0.1	<0.05	0.6	<0.5	8	4	<0.2
1205876	Rock	0.010	36	10	0.01	5	0.002	66	0.14	0.006	0.02	<0.1	<0.01	<0.1	<0.05	0.3	<0.5	<1	3	<0.2
1205686	Rock	0.039	37	23	0.68	194	0.071	<20	2.14	0.037	1.03	0.1	0.01	0.6	<0.05	2.6	<0.5	6	<1	<0.2
1205687	Rock	0.004	12	35	0.40	51	0.129	<20	0.94	0.031	0.54	0.2	<0.01	0.4	<0.05	3.8	<0.5	4	2	<0.2
1205688	Rock	0.131	82	9	0.56	357	0.232	<20	1.31	0.053	0.80	2.0	0.01	1.3	<0.05	7.7	<0.5	9	10	<0.2
1205689	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.

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

Project: SP
Report Date: July 25, 2012

QUALITY CONTROL REPORT WHI12000191.1

	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																					
1206642	Rock	1.28	43	0.1	48.6	24.1	396	3.1	6.8	4.9	117	4.20	2829	49.4	5.3	2	12.7	2.1	1.1	5	<0.01
REP 1206642	QC			0.1	49.3	24.0	398	3.2	6.7	4.9	122	4.34	2984	46.8	5.4	2	12.6	2.0	1.0	6	<0.01
1206093	Rock	0.37	<2	0.2	5.6	6.1	58	<0.1	9.0	3.6	150	1.18	28.4	<0.5	6.7	2	0.2	0.7	<0.1	<2	0.02
REP 1206093	QC			0.3	5.8	6.1	57	<0.1	8.9	3.6	153	1.18	27.6	<0.5	6.7	2	0.2	0.7	<0.1	<2	0.02
1205686	Rock	0.97	<2	0.1	22.5	12.7	64	<0.1	25.8	17.8	215	2.91	10.1	<0.5	18.1	33	<0.1	<0.1	0.5	17	0.19
REP 1205686	QC			<0.1	22.4	12.2	64	<0.1	26.4	17.7	211	2.93	10.5	<0.5	18.1	34	<0.1	<0.1	0.5	17	0.20
1205687	Rock	0.64	<2	0.3	17.5	1.6	28	<0.1	4.5	2.3	229	1.87	3.5	<0.5	10.3	9	<0.1	<0.1	<0.1	23	0.03
REP 1205687	QC		<2																		
Core Reject Duplicates																					
1206648	Rock	0.96	<2	0.7	24.1	15.4	79	0.2	12.7	6.6	98	1.32	24.4	<0.5	10.7	44	0.7	<0.1	0.2	11	0.26
DUP 1206648	QC		<2	0.8	23.8	16.0	77	0.2	13.0	6.6	96	1.30	25.6	<0.5	10.2	44	0.6	<0.1	0.2	11	0.28
Reference Materials																					
STD DS9	Standard			11.1	109.0	129.6	306	2.8	40.7	7.7	570	2.35	29.2	103.6	6.2	75	2.5	5.7	6.8	39	0.68
STD DS9	Standard			11.8	101.9	123.4	297	1.8	39.5	7.5	537	2.16	25.5	114.4	5.8	61	2.2	3.1	5.5	35	0.65
STD DS9	Standard			13.8	115.8	124.9	300	2.0	40.7	7.6	571	2.36	26.2	123.8	6.8	72	2.4	5.0	7.2	39	0.70
STD OREAS45CA	Standard			1.0	509.6	18.7	60	0.3	249.9	92.2	922	13.92	3.8	39.8	6.7	16	0.1	0.1	0.2	224	0.43
STD OREAS45CA	Standard			0.8	495.0	19.5	55	0.3	233.7	91.6	926	14.74	2.8	30.8	7.0	13	<0.1	<0.1	0.2	200	0.42
STD OREAS45CA	Standard			0.8	489.9	19.5	55	0.3	229.8	88.0	893	15.51	3.4	37.0	7.5	17	<0.1	<0.1	0.2	191	0.45
STD OXC88	Standard		198																		
STD OXC88	Standard		203																		
STD OXC88	Standard		204																		
STD OXC88	Standard		198																		
STD OXG99	Standard		930																		
STD OXG99	Standard		964																		
STD OXG99	Standard		917																		
STD OXG99 Expected			932																		
STD OXC88 Expected			203																		
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

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Project: SP
Report Date: July 25, 2012

QUALITY CONTROL REPORT WHI12000191.1

		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
Pulp Duplicates																					
1206642	Rock		0.016	10	13	<0.01	49	<0.001	<20	0.25	<0.001	0.12	<0.1	0.03	0.4	<0.05	0.7	<0.5	<1	2	0.2
REP 1206642	QC		0.016	10	13	<0.01	52	<0.001	<20	0.25	<0.001	0.12	<0.1	0.04	0.5	<0.05	0.8	<0.5	<1	2	0.2
1206093	Rock		0.016	15	7	0.03	45	0.002	<20	0.29	0.002	0.17	<0.1	<0.01	<0.1	<0.05	0.7	<0.5	<1	<1	<0.2
REP 1206093	QC		0.017	15	7	0.02	46	0.001	<20	0.28	0.002	0.18	<0.1	<0.01	<0.1	<0.05	0.7	<0.5	<1	<1	<0.2
1205686	Rock		0.039	37	23	0.68	194	0.071	<20	2.14	0.037	1.03	0.1	0.01	0.6	<0.05	2.6	<0.5	6	<1	<0.2
REP 1205686	QC		0.039	37	23	0.69	194	0.071	<20	2.16	0.037	1.03	0.1	<0.01	0.6	<0.05	2.5	<0.5	6	<1	<0.2
1205687	Rock		0.004	12	35	0.40	51	0.129	<20	0.94	0.031	0.54	0.2	<0.01	0.4	<0.05	3.8	<0.5	4	2	<0.2
REP 1205687	QC																				
Core Reject Duplicates																					
1206648	Rock		0.015	15	20	0.17	48	0.029	<20	0.91	0.075	0.28	0.1	<0.01	0.1	<0.05	1.7	<0.5	3	<1	<0.2
DUP 1206648	QC		0.015	15	19	0.17	51	0.029	<20	0.89	0.075	0.28	0.1	<0.01	0.1	<0.05	1.7	<0.5	3	<1	<0.2
Reference Materials																					
STD DS9	Standard		0.092	12	121	0.62	346	0.105	<20	0.93	0.078	0.40	2.5	0.20	5.6	0.17	2.4	6.1	5	7	5.3
STD DS9	Standard		0.082	11	115	0.58	310	0.095	<20	0.88	0.075	0.38	2.7	0.20	5.4	0.15	2.3	5.5	4	6	5.2
STD DS9	Standard		0.085	12	117	0.63	324	0.112	<20	0.94	0.083	0.39	2.7	0.22	5.2	0.17	2.6	4.8	5	7	5.2
STD OREAS45CA	Standard		0.040	16	709	0.14	166	0.129	<20	3.56	0.006	0.07	<0.1	0.03	<0.1	<0.05	45.0	0.7	19	2	<0.2
STD OREAS45CA	Standard		0.039	15	735	0.15	164	0.123	<20	3.35	0.009	0.07	<0.1	0.03	0.1	<0.05	43.4	<0.5	18	2	<0.2
STD OREAS45CA	Standard		0.037	16	631	0.14	159	0.137	<20	3.50	0.014	0.08	<0.1	0.03	<0.1	<0.05	44.4	<0.5	17	2	<0.2
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXG99	Standard																				
STD OXG99	Standard																				
STD OXG99	Standard																				
STD OXG99 Expected																					
STD OXC88 Expected																					
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		

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Report Date: July 25, 2012

QUALITY CONTROL REPORT WHI12000191.1

		WGHT Wgt kg 0.01	3B Au ppb 2	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2	1DX Ca % 0.01
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
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
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BLK	Blank		<2																		
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			<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			<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
Prep Wash																					
G1-WHI	Prep Blank		<2	<0.1	2.9	2.8	49	<0.1	2.3	4.3	600	2.04	<0.5	0.7	5.3	73	<0.1	<0.1	<0.1	39	0.52
G1-WHI	Prep Blank		<2	<0.1	2.4	2.7	44	<0.1	2.6	3.8	568	1.95	<0.5	<0.5	5.7	64	<0.1	<0.1	<0.1	37	0.50

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.

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: SP
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		1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX S % 0.05	1DX Sc ppm 0.1	1DX Se ppm 0.5	1DX Ga ppm 1	1DX Sn ppm 1	1DX Te ppm 0.2
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
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
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	<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	<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
Prep Wash																				
G1-WHI	Prep Blank	0.083	13	8	0.52	166	0.133	<20	1.00	0.114	0.51	<0.1	<0.01	0.3	<0.05	2.4	<0.5	5	<1	<0.2
G1-WHI	Prep Blank	0.079	13	7	0.49	158	0.125	<20	0.91	0.096	0.49	<0.1	<0.01	0.3	<0.05	2.1	<0.5	5	<1	<0.2

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