ASSESSMENT REPORT

2012 GEOCHEMICAL PROGRAM

on the

Rosebud Property

Dawson Mining District, Yukon Territory

for

Goldspike Exploration Inc.

Claims filed for: 'RB' 1-38 (YD15851-YD15888)& 'RB' 41-50 (YD15891-YD15900)
NTS Mapsheets: 115O08, 115P05
UTM Coordinates: E648000, N7021000 (NAD83, Zone 7)
Owner: Goldspike Exploration Inc.
Author: D. Ferraro, HBSc.
Date worked performed: June 18th, 2012

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1.0 SUMMARY

A 1 day geochemical sampling program was conducted on the Rosebud Property on June 18th, 2012. The property is owned 100% by Goldspike Exploration Inc. and consists of 48 contiguous quartz claims located in the Dawson Mining District.

The Rosebud Property is situated on Rosebud Creek, approximately 110 km southeast of Dawson City. Although there are bush trails and roads in the general area, the property and immediate surrounding area is not road accessible. For the purposes of this program, a helicopter was used based from a field camp.

Geologically, the property is located within Yukon Tanana Terrane, a middle to Upper Paleozoic metamorphosed assemblage which extends from central Alaska though central Yukon to northern British Columbia. It consists of polymetamorphosed and polydeformed metasediments, metavolcanics, and metaplutonic rocks. The property covers a contact between Late Devonian to Mississippian orthogneiss to the north and Devonian – Mississippian quartzite and mica schist to the south. The schist unit trends 290 to 310 degrees and dips shallowly to the northeast. Multiple quartz veins intrude this unit yet no significant mineralization was observed.

A total of 102 soil samples, 4 silt samples, and 13 rock samples were taken over the duration of the program. The highest gold value returned from soil sample assays was 25.5 ppb Au. Three soil samples in the northeast returned anomalous lead values. Prospected was limited by a lack of outcrop. No rock sample showed anomalous results.

The Rosebud Property is located in a geological setting favourable to gold mineralization. The regional and local geology, geophysical features, and lack of previous exploration are all indicators of potential for gold mineralization. Despite this, the 2012 program showed limited favourable results. Due to lack of results and the expense of accessing the property, it is recommended that no further work be done.

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 Rosebud Property. Field work was performed by Druid Exploration Inc. of Dawson City, Yukon and the author of this report. The report text and maps were produced by D. Ferraro, of Ferraro Consulting Ltd. of Woodstock, ON.

3.0 PROPERTY LOCATION AND ACCESS

The Rosebud Property is situated on Rosebud Creek, 11 km south of the Stewart River, and approximately 110 km southeast of Dawson City (Figure 1). Although there are bush trails and roads in the general area, the property and immediate surrounding area is not road accessible. For the purposes of this program, a helicopter was used based from a field camp.

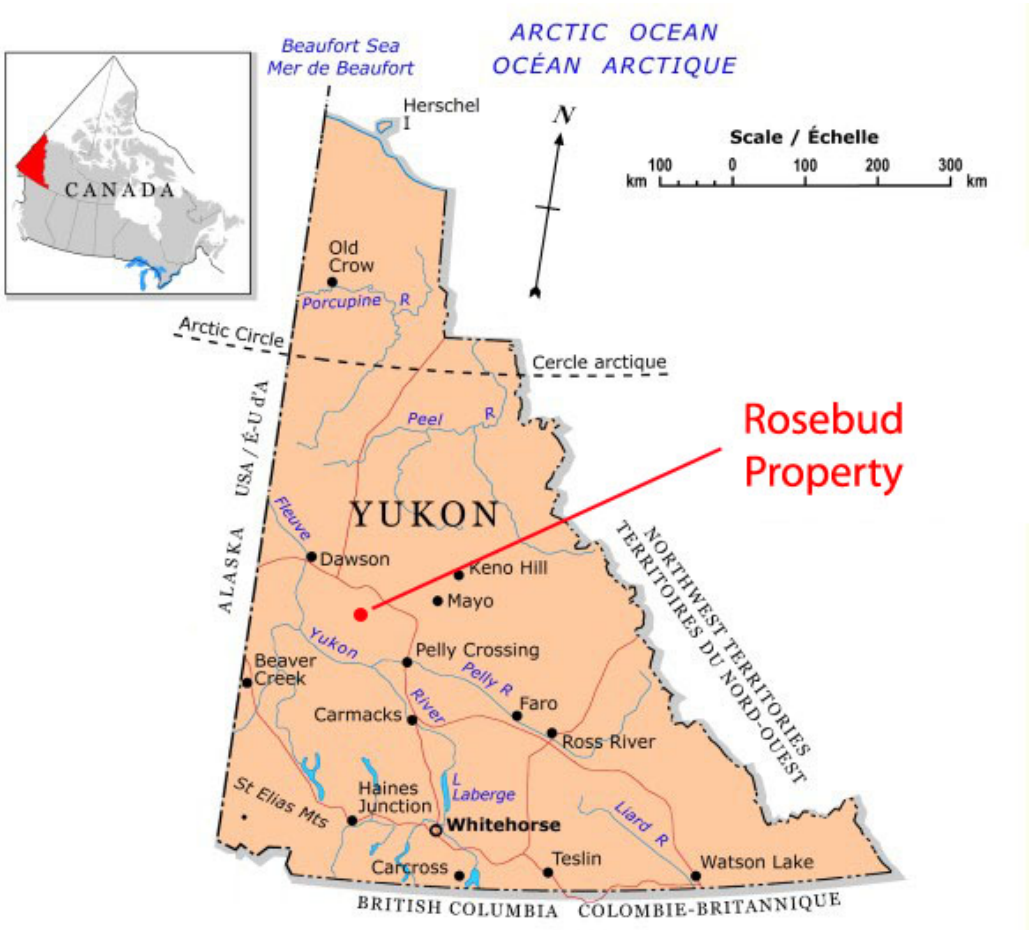

Figure 1: General location of the Rosebud Property (modified from NRCAN, 2006).

4.0 TOPOGRAPHY, VEGETATION, AND CLIMATE

The Rosebud Property is situated in the Stewart River area. Peaks on the west side of the property reach elevations of 3500 ft. Tributaries feed Rosebud Creek at elevations of 1800 ft.

Vegetation consists of black spruce and other evergreen trees on the slopes and some poplar at the higher elevations. The creek valleys are heavily vegetated with deciduous and evergreen trees. Bedrock exposure is very limited to a few small ridges at higher elevations.

The Yukon has a subarctic continental climate with a mean summer temperature of 10 degrees celcius and a mean winter temperature of -23 degrees celcius. Temperature extremes of 35 degrees and -55 degrees celcius are common in the summer and winter, respectively.

5.0 PROPERTY DESCRIPTION

The Rosebud Property consists of 48 contiguous quartz claims in the Dawson Mining District. The 48 'RB' claims can be found on NTS mapsheets 115O08 and 115P05 (see Figure 2). The claims are owned 100% by Goldspike Exploration Inc. of Toronto, Ontario. A complete list of the mining claims that make up the Rosebud Property is as follows:

Table 1: Claims comprising the Rosebud Property.

Claim Name	Claim Number	Grant Number	Claim Owner (100%)	Status	NTS Map Number	Claim Expiry Date
RB	1	YD15851	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	2	YD15852	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	3	YD15853	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	4	YD15854	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	5	YD15855	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	6	YD15856	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	7	YD15857	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	8	YD15858	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	9	YD15859	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	10	YD15860	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	11	YD15861	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	12	YD15862	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	13	YD15863	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	14	YD15864	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	15	YD15865	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	16	YD15866	Goldspike Exploration Inc.	Active	115O08	30/06/2014

RB	17	YD15867	Goldspike Exploration Inc.	Active	115P05	30/06/2014
RB	18	YD15868	Goldspike Exploration Inc.	Active	115P05	30/06/2014
RB	19	YD15869	Goldspike Exploration Inc.	Active	115P05	30/06/2014
RB	20	YD15870	Goldspike Exploration Inc.	Active	115P05	30/06/2014
RB	21	YD15871	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	22	YD15872	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	23	YD15873	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	24	YD15874	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	25	YD15875	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	26	YD15876	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	27	YD15877	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	28	YD15878	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	29	YD15879	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	30	YD15880	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	31	YD15881	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	32	YD15882	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	33	YD15883	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	34	YD15884	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	35	YD15885	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	36	YD15886	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	37	YD15887	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	38	YD15888	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	41	YD15891	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	42	YD15892	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	43	YD15893	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	44	YD15894	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	45	YD15895	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	46	YD15896	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	47	YD15897	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	48	YD15898	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	49	YD15899	Goldspike Exploration Inc.	Active	115O08	30/06/2014
RB	50	YD15900	Goldspike Exploration Inc.	Active	115O08	30/06/2014

Rosebud Property

Fig. 2: Claim Location Map

Goldspike Exploration Inc.

Rosebud Creek area,
Dawson Mining District

Legend

Rosebud Property

Yukon quartz claims

RB1 YD15851
RB2 YD15852
RB3 YD15853
RB4 YD15854
RB5 YD15855
RB6 YD15856
RB7 YD15857
RB8 YD15858
RB9 YD15859
RB10 YD15860
RB11 YD15861
RB12 YD15862
RB13 YD15863
RB14 YD15864
RB15 YD15865
RB16 YD15866
RB17 YD15867
RB18 YD15868
RB19 YD15869
RB20 YD15870
RB21 YD15871
RB22 YD15872
RB23 YD15873
RB24 YD15874
RB25 YD15875
RB26 YD15876
RB27 YD15877
RB28 YD15878
RB29 YD15879
RB30 YD15880
RB31 YD15881
RB32 YD15882
RB33 YD15883
RB34 YD15884
RB35 YD15885
RB36 YD15886
RB37 YD15887
RB38 YD15888
RB41 YD15891
RB42 YD15892
RB43 YD15893
RB44 YD15894
RB45 YD15895
RB46 YD15896
RB47 YD15897
RB48 YD15898
RB49 YD15899
RB50 YD15900

Rosebud Creek
Rosebud Creek

647000 648000 649000 650000 651000 652000

7022000 7021000 7020000 7019000 7018000

N

1:10,000

0 187.5 375 750 1,125 1,500
Meters

Date: June, 2012
NTS Mapsheet: 115O08, 115P05
Datum: UTM NAD83 Zone 7

6.0 PROPERTY HISTORY

The Stewart River is a historic placer mining district. An active placer prospecting lease starts 500 m south of the property and extends 15 km downstream toward the Stewart River, and a historic placer lease extended about 10 km upstream from the south margin of the property. The area has seen very little hard rock exploration since the late 1960s, when the discovery of the giant Casino copper-gold porphyry triggered a large staking rush. In the immediate vicinity of the property the Thor, Joe, and Mad claims were staked in 1968 to cover schist bedrock adjacent to a contact with the orthogneiss unit (Minfile 115O001). In 2002 Rosebud claims were staked 12 km to the west to cover quartz veins in the volcanic tuff (Minfile 115O002). Earlier in 2012, Goldstrike Resources Ltd. worked the Rosebud South Property 2 km south of the Rosebud with no significant results (Sheldrake, 2012).

7.0 GEOLOGY

7.1 Regional Geology

The Rosebud Property is located in the Yukon-Tanana Terrane, an accreted pericratonic rock sequence that covers a large portion of the Omineca Belt, and extends into Alaska and British Columbia. It is the largest of the Yukon's terranes and hosts gold deposits related to Mesozoic intrusions, including the Sonora Gulch gold deposit and the Casino copper gold and molybdenum porphyry (Chartier, 2012). The Yukon-Tanana Terrane consists of several assemblages of schists and gneisses that were deformed and metamorphosed in the late Paleozoic era. These were intruded by a number of suites of Mesozoic intrusions, including the Dawson Suite intrusions. The Paleozoic rocks are pervasively foliated and contain at least two overprinting rock fabrics. During the Early Jurassic period, the rocks were tectonically stacked along foliation-parallel thrust faults (Hart, 2011). The terrane is cut by the Tintina Fault, a right-lateral strike-slip fault which occurs along the suture zone between the Yukon Tanana Terrane to the southwest and ancestral North America to the northeast.

7.2 Property Geology

The Rosebud Property covers a contact between Late Devonian to Mississippian orthogneiss to the north and Devonian – Mississippian quartzite and mica schist to the south (Figure 4). The schist unit trends 290 to 310 degrees and dips shallowly to the northeast. Multiple quartz veins intrude this unit yet no significant mineralization was observed.

Like the Klondike and the rest of the White Gold district, the Rosebud Property is in a part of the Yukon that was not glaciated during the last ice age. For this reason, soil and silt geochemistry is very effective in locating gold deposits. The Rosebud Property covers the inferred source of a 99th percentile anomalous sample (134 ppb Au) taken from the headwaters of Rosebud Creek.

Bremner (2010) interpreted the geophysics of the area in a summary of the Rosebud Property:

'A detailed magnetic derivative map from the McQuesten Survey flown by the Yukon Government and the GSC in 2009 shows that the area is cut by a grid of structures running N-S, E-W, NE-SW and NW-SE (Figure 3).

These lineaments may be important because structure is the dominant feature in the recent major gold discoveries in Yukon's White Gold district, where gold occurs in quartz veins, hydrothermal breccias, and broad shear zones with multiple parallel faults and shears that show up as linear magnetic lows on geophysical maps.

Kaminak reports that north-south structures are the dominant structural control on gold bearing vein and breccia systems on the Coffee Creek property, and maps show that their major target areas appear to lie along an east-west structure. The same structural elements appear to be present on the Rosebud property.'

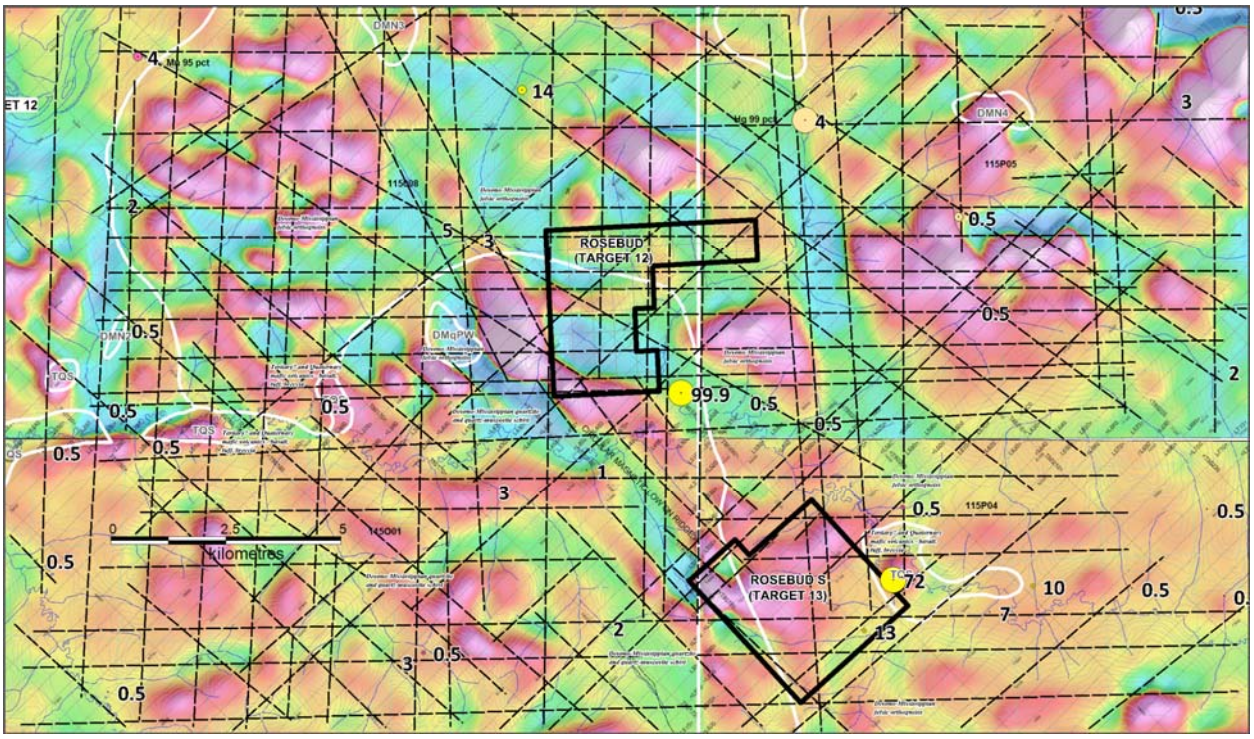

Figure 3: 1VD magnetic interpretation of the Rosebud Property area. (Bremner, 2010).

Rosebud Property

Fig. 4: Bedrock Geology

Goldspike Exploration Inc.

Rosebud Creek area,
Dawson Mining District

Legend

- Rosebud Property
- Yukon quartz claims
- Regional stream survey (ppb Au)

Bedrock Geology

Lithology

- basalt/tuff/breccia
- quartzite/schist/gneiss
- orthogneiss
- marble
- quartzite/qt-ms-schist
- ultramafics
- Fault lines

1:50,000

0 950 1,900 3,800 5,700 7,600 Meters

Date: June, 2012
NTS Mapsheet: 115O08, 115P05
Datum: UTM NAD83 Zone 7

633000 636000 639000 642000 645000 648000 651000 654000 657000 660000 663000

7032000 7029000 7026000 7023000 7020000 7017000 7014000 7011000 7008000

DMqPW
orthogneiss

DMN4
Devonian, Mississippian
quartzite/qt-ms-schist

CPK1
Carboniferous and Permian
quartzite/schist/gneiss/amphibolite

PPa2
Proterozoic and Paleozoic
ultramafics

DMN4

DMqPW
Late Devonian to Mississippian
orthogneiss

marble

TQS
Tertiary and Quaternary
basalt/tuff/breccia

DMN2
Devonian, Mississippian
marble

Stewart River
Valley Creek
Rosebud Creek
South Rosebud Creek
Silt Creek
North Rosebud Creek

8.0 2011 WORK PROGRAM

8.1 Sampling Method and Approach

A 1 day geochemical sampling program was conducted on the Rosebud Property on June 18th, 2012. Flying out of a field camp, a crew of 2 soil samplers and one geologist collected 102 soil samples, 4 silt samples and 13 rock samples (see Figure 5 for sample locations). A Hughs 500D helicopter was used for the duration of the program.

A ridge and spur soil sampling program was planned before field work was conducted. Using ArcGIS, soil sample traverses were plotted at 50m spacings and downloaded onto samplers' GPS units. Once in the field, samplers used Dutch augurs to collect an adequate soil sample, preferably 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 I.

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

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

One hundred-two soil samples were taken from the property. The highest gold result returned from assays was 25.5 ppb Au (see Figure 6). Three samples in the northeastern end of the property yielded anomalous lead values as high as 133 ppm Pb (samples 1240801 – 1240803). No other elements showed anomalous values. See Appendix II for results.

The four silt samples showed no anomalous values. See Appendix II for silt results.

Thirteen rock samples were sent for assay. Due to limited bedrock exposure on the property, many samples were of float and talus. Although remnant sulphides were observed in the schist (Photo 1), there was no mineralization in the sample set. No anomalous values were returned. See Appendix III for results.

Photo 1: Sample 1240953, a mica schist with remnant sulphides.

Rosebud Property

Fig. 5: Sample Location Map

Goldspike Exploration Inc.

Rosebud Creek area,
Dawson Mining District

Legend

- Soil samples
- Silt samples
- Rock samples
- Rosebud Property

1:8,000

0 150 300 600 900 1,200
Meters

Date: June, 2012
NTS Mapsheet: 115O08, 115P05
Datum: UTM NAD83 Zone 7

Rosebud Property

Fig. 6: Sample Geochemistry - Gold

Goldspike Exploration Inc.

Rosebud Creek area, Dawson Mining District

Legend

- Rock samples (ppb Au)
- Silt samples (ppb Au)

Soil samples

Au (ppb)

- 0.5 - 10.0
- 10.1 - 20.0
- 20.1 - 25.5

- Rosebud Property
- Regional stream survey (ppb Au)

1:8,000

0 150 300 600 900 1,200 Meters

Date: June, 2012
NTS Mapsheet: 115O08, 115P05
Datum: UTM NAD83 Zone 7

9.0 CONCLUSIONS AND RECOMMENDATIONS

The Rosebud Property is located in a geological setting favourable to gold mineralization. The local and regional geology and geophysical features are indicators of potential for gold mineralization. Furthermore, previous hard rock exploration in the area is very limited.

The 2012 program did not yield favourable gold in soil results. The highest sample returned was not significantly anomalous at 25.5 ppb Au. However, the northeast corner of the property showed a 150m zone of anomalous lead values.

Prospecting was limited due to a lack of bedrock exposure; no significant assays were returned.

The Rosebud Property was staked to cover the source of a 99th percentile GSC-collected silt anomaly taken from Rosebud Creek. There are multiple tributaries feeding Rosebud Creek which may have influenced the sample.

The property was adequately covered by soil sampling and prospecting was done where outcrop allowed. Due to the lack of results and the expense required to access the claims, it is recommended that no further work be done.

REFERENCES

Bremner, T. (2010): RB Prospect, Rosebud Creek area, Summary, for YC Syndicate, Goldspike Exploration Inc.

Chartier, D. (2012): Independent Technical Report for the Coffee Gold Project, Yukon, Canada, for Kaminak Gold Corp., Vancouver, BC.

Hart, C. (2011): The Geological Framework of the Yukon Territory, Yukon Geological Survey.

Natural Resources Canada, Atlas, (12/05/2006): http://atlas.nrcan.gc.ca/auth/english/maps/reference/provincesterritories/yukon_territory/referencemap_image_view (visited 01/02/2012)

Sheldrake, R. (2012): Assessment Report, Rock and Soil Geochemical Survey, Rosebud South Property, Yukon, Canada, for Goldstrike Resources Ltd., Vancouver, BC.

Yukon Minfile 115O001 (2005): PAIN, Yukon Geological Survey.

Yukon Minfile 115O002 (1992): ADAMI, Yukon Geological Survey.

STATEMENT OF EXPENDITURES

Costs associated with the Rosebud Property
Worked June 18th, 2012

ITEM	UNIT PRICE	COST
2 samplers	300/day	$600.00
1 geologist	400/day	$400.00
cook	300/day	$300.00
food	30/man	$90.00
helicopter	975/hr	$2,925.00
helicopter fuel		$600.00
soil sample assay	$18x102 samples	$1,836.00
silt sample assay	$18x4 samples	$72.00
rock sample assay	$24x13 samples	$312.00
assessment report		$2,000.00
consumables		$200.00
camp rental		$1,000.00
TOTAL		**$10,335.00**

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.

Date: Nov. 1, 2012

Daniel Ferraro, H.B.Sc.

Appendix I: Sample Descriptions

ROSEBUD Property Sample Descriptions

UTM NAD 83 Zone 7

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
									Organics	Ang. Rock	Gravel	Sand	Silt	Clay				
1240801	650773	7021655	913	18-Jun-12	RB	50-60	c	lt brown		30		40	30		weathered bedrock	dry	deciduous forest	mid slope
1240802	650760	7021600	898	18-Jun-12	RB	50-60	c	lt brown		30		40	30		weathered bedrock	dry	deciduous forest	mid slope
1240803	650742	7021509	875	18-Jun-12	RB	40-50	c	lt brown		30		30	40		weathered bedrock	dry	deciduous forest	mid slope
1240804	650735	7021452	863	18-Jun-12	RB	40-50	b/c	lt brown	10	10		30	50		weathered bedrock	dry	deciduous forest	mid slope
1240805	650723	7021408	857	18-Jun-12	RB	30-40	c	lt brown		40		20	40		weathered bedrock	dry	deciduous forest	mid slope
1240806	650712	7021317	845	18-Jun-12	RB	50-60	c	lt brown		20		30	50		weathered bedrock	dry	deciduous forest	mid slope
1240807	650701	7021260	841	18-Jun-12	RB	30-40	c	lt brown		30		30	40		weathered bedrock	dry	deciduous forest	mid slope
1240808	650680	7021114	812	18-Jun-12	RB	30-40	c	lt brown		30		30	40		weathered bedrock	dry	deciduous forest	mid slope
1240809	650646	7021021	788	18-Jun-12	RB	50-60	c	lt brown		30		30	40		weathered bedrock	dry	deciduous forest	mid slope
1240810	650565	7020955	761	18-Jun-12	RB	50-60	c	lt brown		30		30	40		weathered bedrock	dry	deciduous forest	mid slope
1240811	650472	7020940	735	18-Jun-12	RB	30-40	c	lt brown		30		30	40		weathered bedrock	dry	deciduous forest	mid slope
1240812	650376	7020943	702	18-Jun-12	RB	40-50	c	lt brown		30		30	40		weathered bedrock	dry	deciduous forest	mid slope
1240813	650277	7020938	675	18-Jun-12	RB	70-80	c	lt brown		30		30	40		weathered bedrock	dry	deciduous forest	valley bottom
1240814	650165	7020953	698	18-Jun-12	RB	50-60	c	lt brown		30		30	40		weathered bedrock	dry	deciduous forest	valley bottom
1240815	650119	7020962	712	18-Jun-12	RB	40-50	c	lt brown		20		40	40		weathered bedrock	dry	deciduous forest	mid slope
1240816	650072	7020964	724	18-Jun-12	RB	70-80	c	lt brown		40		30	30		weathered bedrock	dry	deciduous forest	mid slope
1240817	649972	7020958	740	18-Jun-12	RB	40-50	c	lt brown		20		30	30	20	weathered bedrock	dry	deciduous forest	mid slope
1240818	649886	7020913	761	18-Jun-12	RB	>80	c	lt brown		30		30	40		weathered bedrock	dry	deciduous forest	mid slope
1240819	649798	7020857	777	18-Jun-12	RB	40-50	c	lt brown		30		40	30		weathered bedrock	dry	deciduous forest	mid slope
1240820	649711	7020823	792	18-Jun-12	RB	30-40	c	lt brown		50		50			weathered bedrock	dry	deciduous forest	ridge top
1240821	649612	7020803	805	18-Jun-12	RB	40-50	c	lt brown		30		40	30		weathered bedrock	dry	deciduous forest	ridge top
1240822	649504	7020785	816	18-Jun-12	RB	40-50	c	lt brown		30		50	20		weathered bedrock	dry	deciduous forest	ridge top
1240823	649306	7020752	789	18-Jun-12	RB	30-40	c	lt brown		35		35	30		weathered bedrock	dry	deciduous forest	ridge top
1240824	649234	7020683	755	18-Jun-12	RB	30-40	b/c	lt brown	10	20		20	25	25	weathered bedrock	dry	deciduous forest	ridge top
1240825	649198	7020653	740	18-Jun-12	RB	>80	c	lt brown		30		30	40		weathered bedrock	dry	deciduous forest	mid slope
1240826	649178	7020601	725	18-Jun-12	RB	40-50	c	lt brown		30		30	40		weathered bedrock	dry	deciduous forest	mid slope
1240827	649078	7020283	655	18-Jun-12	RB	40-50	c	lt brown		50		50			weathered bedrock	dry	deciduous forest	mid slope
1240828	649144	7020194	650	18-Jun-12	RB	40-50	c	lt brown		30		30	20	20	weathered bedrock	dry	deciduous forest	mid slope
1240829	649186	7020086	645	18-Jun-12	RB	40-50	c	lt brown		30		40	30		weathered bedrock	moist	deciduous forest	mid slope
1240830	649268	7019958	651	18-Jun-12	RB	40-50	b/c	dk brown		40		60			weathered bedrock	moist	deciduous forest	mid slope
1240901	647223	7019023	1034	18-Jun-12	RB	20-30	b/c	dk brown	10			40	30	20	weathered bedrock	moist	deciduous forest	mid slope
1240902	647282	7018940	1020	18-Jun-12	RB	30-40	c	lt brown				50	30	20	weathered bedrock	dry	deciduous forest	mid slope
1240903	647300	7018895	1011	18-Jun-12	RB	30-40	c	lt brown				50	30	20	weathered bedrock	dry	deciduous forest	mid slope
1240904	647344	7018862	1003	18-Jun-12	RB	40-50	c	lt brown				50	30	20	weathered bedrock	dry	deciduous forest	mid slope
1240905	647391	7018724	994	18-Jun-12	RB	30-40	b/c	lt brown	10			30	30	30	weathered bedrock	dry	deciduous forest	bench
1240906	647425	7018631	983	18-Jun-12	RB	40-50	c	lt brown				60	20	20	weathered bedrock	moist	deciduous forest	mid slope
1240907	647459	7018574	974	18-Jun-12	RB	40-50	c	lt brown				50	30	20	weathered bedrock	dry	deciduous forest	bench
1240908	647477	7018538	975	18-Jun-12	RB	40-50	c	lt brown				40	30	30	weathered bedrock	moist	evergreen forest	mid slope
1240909	647508	7018493	970	18-Jun-12	RB	40-50	c	lt brown			10	50	20	20	weathered bedrock	moist	evergreen forest	mid slope
1240910	647550	7018455	966	18-Jun-12	RB	50-60	c	dk brown				40	30	30	weathered bedrock	moist	evergreen forest	bench
1240911	647563	7018409	963	18-Jun-12	RB	30-40	c	yel/orange				40	30	30	weathered bedrock	moist	evergreen forest	bench
1240912	647633	7018372	959	18-Jun-12	RB	30-40	c	dk brown				40	30	30	weathered bedrock	moist	deciduous forest	bench
1240913	647691	7018335	953	18-Jun-12	RB	30-40	c	dk brown				40	30	30	weathered bedrock	moist	evergreen forest	mid slope
1240914	647783	7018316	938	18-Jun-12	RB	30-40	c	dk brown				40	30	30	weathered bedrock	moist	deciduous forest	mid slope
1240915	647867	7018316	929	18-Jun-12	RB	20-30	b/c	dk brown				40	30	30	weathered bedrock	moist	deciduous forest	mid slope
1240916	647937	7018270	921	18-Jun-12	RB	30-40	c	lt brown				50	30	20	weathered bedrock	dry	deciduous forest	mid slope
1240917	648045	7018270	907	18-Jun-12	RB	40-50	c	lt brown				50	30	20	weathered bedrock	dry	deciduous forest	mid slope
1240918	648112	7018276	899	18-Jun-12	RB	50-60	c	lt brown				40	30	30	weathered bedrock	dry	deciduous forest	mid slope
1240919	648178	7018234	894	18-Jun-12	RB	40-50	c	lt brown				50	30	20	weathered bedrock	dry	deciduous forest	bench
1240920	648291	7018177	885	18-Jun-12	RB	40-50	c	lt brown				50	30	20	weathered bedrock	dry	deciduous forest	bench
1240921	648368	7018144	883	18-Jun-12	RB	20-30	b/c	dk brown	10	10		20	30	30	weathered bedrock	moist	deciduous forest	ridge top
1240922	648474	7018112	873	18-Jun-12	RB	20-30	b/c	dk brown				30	40	30	weathered bedrock	moist	deciduous forest	ridge top

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Sample Depth (cm)	Horizon	Colour	Composition						Parent Material	Moisture Content	Vegetation Cover	Topo Position
									Organics	Ang. Rock	Gravel	Sand	Silt	Clay				
1240923	648538	7018097	867	18-Jun-12	RB	20-30	c	lt brown				60	20	20	weathered bedrock	dry	deciduous forest	ridge top
1240924	648609	7018070	867	18-Jun-12	RB	40-50	c	lt brown				50	30	20	weathered bedrock	moist	deciduous forest	bench
1240925	648680	7018040	863	18-Jun-12	RB	30-40	c	lt brown				40	30	30	weathered bedrock	moist	deciduous forest	mid slope
1240926	648764	7018069	845	18-Jun-12	RB	60-70	c	lt brown				50	30	20	weathered bedrock	moist	evergreen forest	mid slope
1240927	648875	7018100	812	18-Jun-12	RB	30-40	c	lt brown				30	40	30	weathered bedrock	partially frozen	evergreen forest	mid slope
1240928	649023	7018169	741	18-Jun-12	RB	40-50	c	lt brown				50	30	20	weathered bedrock	moist	buck brush	mid slope
1240929	649135	7018195	703	18-Jun-12	RB	60-70	b/c	dk brown				30	40	30	weathered bedrock	partially frozen	evergreen forest	mid slope
1240930	649209	7018254	680	18-Jun-12	RB	40-50	b	lt brown	10			30	30	30	weathered bedrock	partially frozen	evergreen forest	mid slope
1240931	649252	7018337	661	18-Jun-12	RB	60-70	b	dk brown				30	30	40	weathered bedrock	partially frozen	evergreen forest	mid slope
1240932	649303	7018429	634	18-Jun-12	RB	50-60	c	olive grey				60	20	20	weathered bedrock	moist	deciduous forest	mid slope
1239451	647343	7019688	1081	18-Jun-12	RB	20-30	c	yel/orange					60	40	weathered bedrock	moist	evergreen forest	ridge top
1239452	647387	7019680	1078	18-Jun-12	RB	50-60	c	yel/orange					60	40	weathered bedrock	moist	evergreen forest	ridge top
1239453	647430	7019688	1073	18-Jun-12	RB	40-50	c	yel/orange					70	30	weathered bedrock	moist	evergreen forest	ridge top
1239454	647492	7019692	1064	18-Jun-12	RB	50-60	c	yel/orange		30		30	40		weathered bedrock	dry	evergreen forest	ridge top
1239455	647532	7019700	1058	18-Jun-12	RB	40-50	c	yel/orange					70	30	weathered bedrock	moist	evergreen forest	ridge top
1239456	647581	7019714	1049	18-Jun-12	RB	40-50	c	yel/orange		30		50	20		weathered bedrock	dry	evergreen forest	ridge top
1239457	647633	7019722	1039	18-Jun-12	RB	50-60	c	yel/orange		30		40	30		weathered bedrock	dry	evergreen forest	ridge top
1239458	647677	7019736	1028	18-Jun-12	RB	50-60	c	yel/orange				30	70		weathered bedrock	dry	evergreen forest	ridge top
1239459	647732	7019753	1014	18-Jun-12	RB	50-60	c	yel/orange				30	70		weathered bedrock	dry	evergreen forest	ridge top
1239460	647779	7019766	1003	18-Jun-12	RB	50-60	c	yel/orange				30	70		weathered bedrock	dry	evergreen forest	ridge top
1239461	647825	7019771	992	18-Jun-12	RB	40-50	c	olive grey		20		50	30		weathered bedrock	dry	evergreen forest	ridge top
1239462	647879	7019780	981	18-Jun-12	RB	40-50	c	yel/orange			20	30	50		weathered bedrock	dry	evergreen forest	ridge top
1239463	647922	7019789	969	18-Jun-12	RB	40-50	c	yel/orange		30		40	30		weathered bedrock	dry	evergreen forest	ridge top
1239464	647976	7019802	955	18-Jun-12	RB	40-50	c	yel/orange			20	30	50		weathered bedrock	dry	evergreen forest	ridge top
1239465	648022	7019805	946	18-Jun-12	RB	40-50	c	olive grey			20	50	30		weathered bedrock	dry	evergreen forest	ridge top
1239466	648130	7019837	919	18-Jun-12	RB	40-50	c	olive grey				30	70		weathered bedrock	dry	evergreen forest	ridge top
1239467	648173	7019832	913	18-Jun-12	RB	30-40	c	yel/orange				40	60		weathered bedrock	dry	evergreen forest	ridge top
1239468	648219	7019844	903	18-Jun-12	RB	40-50	c	yel/orange			20	30	50		weathered bedrock	dry	evergreen forest	ridge top
1239469	648270	7019831	892	18-Jun-12	RB	30-40	c	olive grey				60	40		weathered bedrock	dry	deciduous forest	ridge top
1239470	648469	7019866	838	18-Jun-12	RB	30-40	c	olive grey			20	50	30		weathered bedrock	dry	deciduous forest	ridge top
1239471	648517	7019873	824	18-Jun-12	RB	10-20	c	lt brown		20		50	30		weathered bedrock	dry	deciduous forest	ridge top
1239472	648587	7019875	809	18-Jun-12	RB	30-40	c	olive grey			20	50	30		weathered bedrock	dry	deciduous forest	ridge top
1239473	648624	7019882	798	18-Jun-12	RB	30-40	c	olive grey				30	70		weathered bedrock	dry	deciduous forest	ridge top
1239474	648669	7019885	784	18-Jun-12	RB	30-40	c	yel/orange				50	50		weathered bedrock	dry	deciduous forest	ridge top
1239475	648715	7019891	770	18-Jun-12	RB	10-20	c	yel/orange		20	30		50		weathered bedrock	dry	deciduous forest	ridge top
1239476	648770	7019902	757	18-Jun-12	RB	20-30	c	olive grey				70	30		weathered bedrock	dry	deciduous forest	ridge top
1239477	648867	7019902	734	18-Jun-12	RB	20-30	c	yel/orange				20	80		weathered bedrock	dry	deciduous forest	ridge top
1239478	648922	7019916	722	18-Jun-12	RB	30-40	c	yel/orange	20		20		60		weathered bedrock	dry	deciduous forest	ridge top
1239479	648966	7019907	713	18-Jun-12	RB	30-40	c	olive grey			20		80		weathered bedrock	dry	deciduous forest	ridge top
1239480	649018	7019894	702	18-Jun-12	RB	20-30	c	yel/orange				40	60		weathered bedrock	dry	deciduous forest	ridge top
1239481	649065	7019894	691	18-Jun-12	RB	40-50	c	olive grey				80	20		weathered bedrock	dry	deciduous forest	ridge top
1239482	649114	7019898	684	18-Jun-12	RB	30-40	c	yel/orange				40	60		weathered bedrock	dry	deciduous forest	ridge top
1239483	649175	7019894	676	18-Jun-12	RB	40-50	c	yel/orange				40		60	weathered bedrock	moist	deciduous forest	ridge top
1239484	649213	7019885	671	18-Jun-12	RB	30-40	c	dk brown			30		20	50	weathered bedrock	moist	evergreen forest	ridge top
1239485	649268	7019861	668	18-Jun-12	RB	30-40	c	yel/orange					20	80	weathered bedrock	dry	evergreen forest	ridge top
1239486	649313	7019847	663	18-Jun-12	RB	40-50	c	olive grey			10		90		weathered bedrock	dry	evergreen forest	ridge top
1239487	649356	7019848	656	18-Jun-12	RB	30-40	c	yel/orange			20		80		weathered bedrock	dry	deciduous forest	ridge top
1239488	649403	7019828	643	18-Jun-12	RB	40-50	c	yel/orange		30			70		weathered bedrock	dry	deciduous forest	ridge top
1239489	649450	7019801	631	18-Jun-12	RB	30-40	c	yel/orange			10		90		weathered bedrock	dry	deciduous forest	ridge top
1239490	649509	7019777	621	18-Jun-12	RB	40-50	c	yel/orange	30		20			50	weathered bedrock	wet	deciduous forest	valley bottom

SILT SAMPLES

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Sample Environment	Medium	Medium depth (m)	Medium width (m)	Bank type	Water colour
1240958	649674	7018847	537	18-Jun-12	RB	low energy	creek	0.1	0.5	organics	clear
1240959	649662	7018730	533	18-Jun-12	RB	low energy	creek	0.2	0.4	organics	clear
1240845	648898	7020658	673	18-Jun-12	RB	low energy	creek	0.2	0.5	organics	clear
1240846	649049	7020428	650	18-Jun-12	RB	low energy	creek	0.2	0.3	organics	clear

ROCK SAMPLES

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Rock Source	Description
1240851	650680	7021161	827	18/06/2012	RB	float	orthogneiss/mica schist, some banding, mica foliations
1240852	650631	7020994	779	18/06/2012	RB	float	gneiss with biotite, chlorite, muscovite porphyroblasts, minor sulfide mineralization
1240853	649404	7020761	810	18/06/2012	RB	float	orthogneiss with chlorite, muscovite, biotite, k-feldspar porphyroblasts
1240854	649271	7020714	770	18/06/2012	RB	float	gneiss with abundant k-feldspar, oxidized
1240855	648946	7020694	685	18/06/2012	RB	float	gneiss, biotite banding, k-feldspar abundant
1240856	648836	7020617	685	18/06/2012	RB	float	quartz boulder, oxide staining
1240951	647357	7019666	1072	18/06/2012	RB	float	muscovite-quartz schist with muscovite porphyroblasts, oxidized recesses
1240952	647258	7018968	1027	18/06/2012	RB	outcrop	muscovite-biotite schist with biotite porphyroblasts up to 1cm, 291/35/NE, quartz veining nearby
1240953	647357	7018802	1006	18/06/2012	RB	subcrop	muscovite schist with oxide pits
1240954	648008	7018281	911	18/06/2012	RB	float	muscovite-biotite schist, localized oxidation
1240955	648219	7018203	891	18/06/2012	RB	outcrop	schist with muscovite porphyroblasts up to 2mm, 306/29/NE
1240956	648913	7018128	792	18/06/2012	RB	float	muscovite-biotite schist with biotite porphyroblasts and minor quartz veining
1240957	648928	7018130	784	18/06/2012	RB	subcrop	muscovite-biotite schist with biotite porphyroblasts and some potassic staining

Appendix II: Soil and 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-Whitehorse
Received: June 21, 2012
Report Date: July 06, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI12000150.1

CLIENT JOB INFORMATION

Project: RB
Shipment ID: RBsoil+silt
P.O. Number
Number of Samples: 106

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	106	Dry at 60C			WHI
SS80	106	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	106	Saving all or part of Soil Reject			WHI
1DX2	106	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:

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: RB
Report Date: July 06, 2012

CERTIFICATE OF ANALYSIS WHI12000150.1

	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
1240801	Soil	0.4	30.2	32.1	349	<0.1	20.0	12.3	835	3.49	4.1	2.3	12.7	11	0.2	0.2	<0.1	60	0.22	0.047	34
1240802	Soil	0.6	34.2	49.7	226	<0.1	21.9	10.1	585	2.90	3.8	2.2	11.9	11	0.3	0.2	0.2	54	0.17	0.036	10
1240803	Soil	0.5	35.8	133.5	236	<0.1	26.2	12.7	489	3.08	4.9	2.6	6.1	12	0.5	0.3	0.3	63	0.18	0.044	12
1240804	Soil	0.8	22.2	15.0	75	<0.1	24.5	10.4	302	2.60	7.3	2.8	6.0	16	0.1	0.5	0.1	56	0.17	0.020	9
1240805	Soil	0.6	28.3	15.6	120	<0.1	23.6	15.7	701	4.16	3.5	2.4	7.1	15	<0.1	0.1	<0.1	85	0.36	0.115	13
1240806	Soil	0.6	35.4	8.8	92	<0.1	31.0	15.4	532	3.71	5.4	3.5	17.7	17	<0.1	0.5	<0.1	66	0.21	0.013	52
1240807	Soil	0.9	37.7	10.7	118	<0.1	52.8	18.5	444	3.13	4.3	2.2	1.6	20	<0.1	0.2	<0.1	81	0.36	0.079	4
1240808	Soil	0.4	24.9	4.9	69	<0.1	31.0	18.2	472	3.98	3.5	1.2	7.4	14	<0.1	0.2	<0.1	83	0.21	0.036	11
1240809	Soil	0.3	14.2	7.1	50	<0.1	19.2	12.1	342	2.36	4.0	2.6	13.6	16	<0.1	0.3	<0.1	42	0.21	0.024	26
1240810	Soil	0.7	36.7	1.1	93	<0.1	19.2	23.6	819	6.27	1.3	1.9	1.2	26	<0.1	<0.1	<0.1	133	0.91	0.301	4
1240811	Soil	0.3	16.0	8.2	64	<0.1	33.0	12.6	380	2.31	3.2	1.5	14.5	18	<0.1	0.2	<0.1	40	0.26	0.024	39
1240812	Soil	0.8	21.5	8.6	49	<0.1	23.6	8.5	249	2.41	8.8	5.4	12.3	19	<0.1	0.7	0.1	44	0.21	0.025	23
1240813	Soil	0.4	15.9	12.0	70	<0.1	37.0	14.2	475	2.81	3.8	1.7	15.8	20	<0.1	0.3	<0.1	45	0.31	0.039	29
1240814	Soil	0.6	12.6	9.0	54	<0.1	9.3	4.7	274	1.96	3.3	2.5	36.8	16	<0.1	0.4	0.2	21	0.19	0.039	89
1240815	Soil	0.7	30.5	9.6	49	<0.1	24.0	9.6	339	2.58	10.4	3.7	9.5	25	<0.1	0.7	0.1	47	0.31	0.034	20
1240816	Soil	0.7	22.4	8.5	50	<0.1	19.3	8.2	330	2.36	6.2	3.5	21.2	21	<0.1	0.5	<0.1	40	0.28	0.032	29
1240817	Soil	0.7	22.0	8.9	71	<0.1	37.3	13.4	447	3.24	7.6	4.8	9.1	28	<0.1	0.6	0.1	67	0.39	0.053	25
1240818	Soil	0.9	23.6	8.6	50	<0.1	21.8	8.8	294	2.45	8.5	3.5	17.2	18	<0.1	0.7	0.1	46	0.22	0.020	22
1240819	Soil	0.8	24.2	9.8	54	<0.1	23.8	9.0	302	2.53	7.8	3.0	15.7	20	<0.1	0.7	0.1	51	0.22	0.020	34
1240820	Soil	0.5	5.6	8.9	51	<0.1	10.0	6.4	262	2.08	2.7	1.7	31.3	12	<0.1	0.2	<0.1	26	0.15	0.034	44
1240821	Soil	0.4	16.3	8.7	45	<0.1	13.2	6.8	254	1.94	3.2	8.6	31.0	14	<0.1	0.3	0.1	30	0.16	0.010	49
1240822	Soil	0.3	19.0	13.0	88	<0.1	20.1	10.0	403	2.47	2.8	2.3	30.2	20	<0.1	0.2	0.1	33	0.23	0.012	82
1240823	Soil	0.7	16.8	8.5	58	<0.1	18.8	9.4	350	2.29	3.9	3.1	17.3	18	<0.1	0.4	<0.1	41	0.24	0.016	53
1240824	Soil	0.4	20.2	8.2	45	<0.1	19.7	7.3	276	2.18	7.4	3.2	11.3	21	<0.1	0.5	0.1	40	0.28	0.028	26
1240825	Soil	0.5	20.2	7.4	43	<0.1	20.8	9.2	343	2.23	5.8	1.8	17.4	19	<0.1	0.4	<0.1	41	0.27	0.027	22
1240826	Soil	0.5	12.2	10.1	65	<0.1	18.1	9.4	398	2.84	4.0	1.3	32.6	17	<0.1	0.3	<0.1	33	0.24	0.043	46
1240827	Soil	0.6	11.5	8.6	44	<0.1	10.5	5.4	177	1.87	4.7	9.1	10.9	16	<0.1	0.3	0.1	33	0.23	0.052	27
1240828	Soil	0.7	10.6	7.8	48	<0.1	11.6	5.6	181	2.23	6.3	5.4	7.7	20	<0.1	0.3	0.1	41	0.29	0.067	19
1240829	Soil	0.6	16.1	9.0	51	<0.1	14.8	6.7	203	2.10	5.0	5.6	7.5	21	0.1	0.4	0.1	38	0.29	0.063	22
1240830	Soil	0.4	17.1	8.5	51	<0.1	13.8	10.9	299	1.90	3.0	1.0	4.8	12	0.2	0.2	0.1	26	0.16	0.046	9

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: RB
Report Date: July 06, 2012

CERTIFICATE OF ANALYSIS WHI12000150.1

	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
1240801	Soil	217	2.46	222	0.187	<1	2.50	0.007	1.23	<0.1	<0.01	3.0	0.6	<0.05	10	<0.5	1	<0.2
1240802	Soil	57	1.66	307	0.186	1	2.12	0.007	0.97	<0.1	<0.01	2.1	0.4	<0.05	8	<0.5	1	<0.2
1240803	Soil	58	1.50	232	0.160	<1	1.94	0.007	0.69	0.1	0.01	2.8	0.4	<0.05	7	<0.5	<1	<0.2
1240804	Soil	40	0.81	243	0.116	1	1.57	0.011	0.18	0.2	0.02	2.9	0.2	<0.05	5	<0.5	<1	<0.2
1240805	Soil	63	2.17	572	0.277	<1	2.68	0.009	1.44	<0.1	<0.01	2.3	0.5	<0.05	8	<0.5	<1	<0.2
1240806	Soil	57	1.68	365	0.212	<1	2.25	0.010	0.63	<0.1	0.02	5.3	0.5	<0.05	8	<0.5	1	<0.2
1240807	Soil	178	1.92	555	0.199	<1	2.25	0.011	0.92	0.1	<0.01	1.7	0.3	<0.05	7	<0.5	<1	<0.2
1240808	Soil	95	2.02	515	0.253	1	2.59	0.009	1.32	<0.1	<0.01	3.6	0.6	<0.05	9	<0.5	<1	<0.2
1240809	Soil	43	1.10	215	0.141	<1	1.55	0.006	0.58	<0.1	<0.01	3.2	0.4	<0.05	5	<0.5	<1	<0.2
1240810	Soil	24	2.21	621	0.233	<1	2.83	0.015	1.91	<0.1	<0.01	5.2	0.5	<0.05	11	<0.5	<1	<0.2
1240811	Soil	68	1.50	255	0.166	1	1.68	0.006	0.69	<0.1	<0.01	2.5	0.6	<0.05	6	<0.5	<1	<0.2
1240812	Soil	31	0.56	198	0.088	5	1.32	0.008	0.20	0.2	0.02	3.4	0.2	<0.05	4	<0.5	<1	<0.2
1240813	Soil	50	1.32	239	0.163	<1	1.70	0.010	0.63	0.1	0.01	3.1	0.6	<0.05	6	<0.5	<1	<0.2
1240814	Soil	16	0.42	145	0.106	<1	1.08	0.007	0.38	<0.1	0.02	3.4	0.6	<0.05	5	<0.5	1	<0.2
1240815	Soil	32	0.57	291	0.079	2	1.20	0.014	0.09	0.2	0.03	4.8	0.1	<0.05	4	<0.5	<1	<0.2
1240816	Soil	32	0.59	296	0.111	1	1.35	0.017	0.23	0.2	0.02	4.6	0.3	<0.05	5	<0.5	<1	<0.2
1240817	Soil	77	1.51	424	0.156	1	2.21	0.013	0.44	0.2	0.03	5.6	0.3	<0.05	7	<0.5	<1	<0.2
1240818	Soil	38	0.67	215	0.106	<1	1.43	0.012	0.17	0.1	0.02	4.9	0.2	<0.05	5	<0.5	<1	<0.2
1240819	Soil	37	0.68	275	0.109	<1	1.52	0.013	0.15	0.2	0.04	4.9	0.2	<0.05	5	<0.5	1	<0.2
1240820	Soil	25	0.59	137	0.117	<1	1.37	0.008	0.38	<0.1	<0.01	2.1	0.5	<0.05	7	<0.5	2	<0.2
1240821	Soil	28	0.64	152	0.130	<1	1.21	0.007	0.30	<0.1	0.02	3.6	0.4	<0.05	5	<0.5	1	<0.2
1240822	Soil	36	1.05	209	0.165	<1	1.49	0.009	0.34	0.1	0.01	3.4	0.5	<0.05	6	<0.5	1	<0.2
1240823	Soil	38	0.96	201	0.127	1	1.48	0.010	0.28	0.1	0.01	3.1	0.4	<0.05	5	<0.5	1	<0.2
1240824	Soil	30	0.61	249	0.081	1	1.16	0.013	0.11	0.1	0.03	3.9	0.2	<0.05	4	<0.5	1	<0.2
1240825	Soil	41	0.74	186	0.111	<1	1.28	0.013	0.27	0.3	<0.01	3.6	0.3	<0.05	4	<0.5	<1	<0.2
1240826	Soil	35	0.76	226	0.152	<1	1.53	0.008	0.65	0.1	<0.01	2.9	0.7	<0.05	7	<0.5	2	<0.2
1240827	Soil	21	0.37	194	0.071	<1	1.09	0.011	0.09	0.2	0.02	2.7	<0.1	<0.05	4	<0.5	1	<0.2
1240828	Soil	22	0.47	202	0.084	<1	1.39	0.008	0.14	0.3	0.03	3.0	0.1	<0.05	5	<0.5	<1	<0.2
1240829	Soil	25	0.49	240	0.076	<1	1.27	0.010	0.12	0.2	0.02	3.1	0.1	<0.05	4	<0.5	<1	<0.2
1240830	Soil	33	0.73	133	0.047	<1	1.28	0.004	0.10	<0.1	<0.01	2.4	<0.1	<0.05	3	<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

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CERTIFICATE OF ANALYSIS WHI12000150.1

	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
1240901	Soil	0.7	9.9	8.1	62	0.2	16.0	6.5	237	2.37	6.6	1.8	4.9	12	<0.1	0.4	0.2	42	0.11	0.024	9
1240902	Soil	0.7	19.4	16.4	78	0.2	19.5	8.5	336	3.29	7.4	2.3	9.0	24	<0.1	0.4	0.2	37	0.17	0.031	8
1240903	Soil	0.6	14.6	6.0	84	0.1	17.8	9.6	342	2.66	6.2	1.5	2.6	13	<0.1	0.3	<0.1	33	0.13	0.037	5
1240904	Soil	0.7	22.3	8.6	116	<0.1	14.6	8.7	487	3.32	4.1	1.0	2.1	20	<0.1	0.3	<0.1	29	0.19	0.034	4
1240905	Soil	1.1	14.8	7.2	87	<0.1	19.8	12.0	739	3.08	7.7	2.0	2.0	14	<0.1	0.4	<0.1	59	0.19	0.080	5
1240906	Soil	0.6	15.1	7.7	87	0.1	18.0	7.6	262	2.47	7.5	1.7	3.3	9	<0.1	0.5	<0.1	31	0.12	0.029	6
1240907	Soil	0.7	15.9	5.5	76	<0.1	19.1	9.6	305	2.93	7.4	0.8	1.6	10	<0.1	0.4	<0.1	49	0.15	0.038	4
1240908	Soil	1.0	24.0	7.5	69	<0.1	28.4	10.9	276	2.93	10.5	1.7	3.6	11	<0.1	0.7	0.1	63	0.14	0.024	7
1240909	Soil	0.3	18.7	10.4	85	<0.1	16.4	6.0	293	1.98	5.5	0.7	4.0	11	<0.1	0.3	<0.1	24	0.15	0.022	7
1240910	Soil	1.9	41.4	1.5	69	<0.1	121.4	16.0	326	3.26	1.2	<0.5	6.6	7	<0.1	<0.1	<0.1	106	0.24	0.072	9
1240911	Soil	0.7	16.7	52.4	186	0.2	18.6	11.0	493	4.13	6.6	1.4	4.4	11	0.2	0.4	<0.1	52	0.13	0.023	8
1240912	Soil	0.5	14.8	9.9	206	0.2	16.2	8.7	483	3.09	5.4	<0.5	2.5	10	0.2	0.2	<0.1	43	0.19	0.060	5
1240913	Soil	0.5	30.5	6.8	108	<0.1	17.7	11.1	553	3.41	5.2	0.9	2.4	9	<0.1	0.2	<0.1	43	0.14	0.043	4
1240914	Soil	1.0	16.7	18.0	323	0.2	16.5	9.1	490	3.12	7.5	1.0	3.1	12	0.3	0.3	<0.1	37	0.16	0.042	5
1240915	Soil	0.8	16.5	8.1	107	0.3	18.1	11.5	468	3.87	7.3	4.7	2.3	19	0.1	0.4	0.1	66	0.19	0.064	6
1240916	Soil	0.4	18.2	4.3	97	<0.1	10.0	6.5	254	3.33	6.1	<0.5	1.1	22	<0.1	0.3	<0.1	36	0.22	0.093	2
1240917	Soil	0.3	16.7	6.2	87	0.1	7.7	5.8	295	2.41	4.1	<0.5	1.0	7	<0.1	0.2	<0.1	25	0.12	0.019	2
1240918	Soil	0.2	26.0	3.2	75	<0.1	23.1	11.7	323	3.24	1.9	1.3	0.7	18	0.1	0.1	<0.1	66	0.38	0.093	2
1240919	Soil	0.3	10.5	3.9	79	<0.1	7.8	5.0	326	2.14	3.6	<0.5	0.9	8	<0.1	0.2	<0.1	20	0.08	0.031	2
1240920	Soil	0.7	11.2	6.1	85	0.1	11.3	7.4	276	2.88	6.5	0.9	1.1	11	<0.1	0.4	<0.1	42	0.19	0.037	4
1240921	Soil	0.8	11.5	7.4	83	0.3	18.2	10.2	424	2.88	6.5	1.9	2.0	27	<0.1	0.4	<0.1	53	0.33	0.094	7
1240922	Soil	0.9	13.9	7.7	75	<0.1	18.4	8.7	359	3.36	9.6	1.0	2.5	12	<0.1	0.6	<0.1	59	0.16	0.041	8
1240923	Soil	0.5	12.2	4.7	134	<0.1	9.4	10.1	410	3.67	4.7	<0.5	1.0	12	<0.1	0.2	<0.1	46	0.22	0.073	3
1240924	Soil	0.4	12.5	5.3	98	<0.1	11.6	9.4	185	2.90	6.6	0.7	1.1	22	<0.1	0.3	<0.1	41	0.26	0.079	3
1240925	Soil	0.5	19.1	5.9	93	<0.1	18.1	11.9	372	3.22	5.9	0.6	1.4	13	<0.1	0.3	<0.1	54	0.19	0.031	4
1240926	Soil	0.4	19.7	3.2	96	<0.1	14.4	9.2	212	2.70	4.0	0.6	1.3	12	<0.1	0.3	<0.1	32	0.26	0.058	5
1240927	Soil	0.6	18.4	7.6	51	<0.1	19.3	9.5	234	2.62	9.4	12.2	3.9	17	<0.1	0.6	0.1	56	0.20	0.026	14
1240928	Soil	0.8	13.8	5.0	88	<0.1	12.1	9.0	271	3.36	5.6	1.1	1.7	20	<0.1	0.4	<0.1	49	0.23	0.057	6
1240929	Soil	0.5	14.2	3.5	72	0.4	8.7	7.0	191	2.12	2.5	1.5	1.5	29	<0.1	0.2	<0.1	33	0.34	0.061	5
1240930	Soil	0.6	13.8	4.9	85	0.1	11.7	7.4	216	2.87	4.5	2.0	2.2	21	<0.1	0.3	<0.1	47	0.29	0.058	7

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Sn	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	1	0.2
1240901	Soil	31	0.51	134	0.088	<1	1.52	0.006	0.12	0.1	0.03	2.3	0.2	<0.05	6	<0.5	<1	<0.2
1240902	Soil	30	0.70	271	0.188	<1	2.20	0.006	0.63	0.2	0.02	2.8	0.7	<0.05	6	<0.5	<1	<0.2
1240903	Soil	25	0.96	225	0.173	<1	2.08	0.007	0.45	<0.1	<0.01	1.5	0.4	<0.05	5	<0.5	<1	<0.2
1240904	Soil	26	1.05	282	0.226	<1	2.33	0.008	0.82	<0.1	0.02	1.2	1.0	<0.05	7	<0.5	<1	<0.2
1240905	Soil	44	0.98	438	0.145	<1	2.14	0.009	0.31	0.1	<0.01	2.3	0.3	<0.05	6	<0.5	<1	<0.2
1240906	Soil	21	0.57	349	0.137	<1	1.87	0.007	0.31	0.1	<0.01	2.6	0.4	<0.05	4	<0.5	<1	<0.2
1240907	Soil	38	0.92	499	0.154	3	2.34	0.009	0.42	0.1	0.01	2.0	0.3	<0.05	5	<0.5	<1	<0.2
1240908	Soil	43	0.77	271	0.108	3	2.23	0.009	0.17	0.3	0.02	3.5	0.2	<0.05	6	<0.5	<1	<0.2
1240909	Soil	23	0.60	197	0.079	2	1.82	0.006	0.29	<0.1	<0.01	1.6	0.3	<0.05	5	<0.5	<1	<0.2
1240910	Soil	198	1.96	672	0.249	2	2.23	0.011	1.11	<0.1	<0.01	3.4	0.4	<0.05	8	<0.5	<1	<0.2
1240911	Soil	46	1.23	157	0.204	1	3.25	0.007	0.49	0.1	0.03	2.5	0.6	<0.05	11	<0.5	1	<0.2
1240912	Soil	33	0.95	165	0.186	2	2.09	0.008	0.77	<0.1	0.02	1.8	0.5	<0.05	8	<0.5	<1	<0.2
1240913	Soil	32	0.95	238	0.218	2	2.36	0.007	0.78	<0.1	<0.01	1.6	0.6	<0.05	8	<0.5	<1	<0.2
1240914	Soil	29	0.80	187	0.190	2	2.02	0.007	0.70	<0.1	0.01	1.5	0.5	<0.05	7	<0.5	<1	<0.2
1240915	Soil	31	0.69	678	0.178	2	2.76	0.011	0.38	0.1	0.02	2.9	0.3	<0.05	8	<0.5	<1	<0.2
1240916	Soil	15	0.73	594	0.171	2	2.15	0.010	0.75	<0.1	<0.01	2.2	0.4	<0.05	6	<0.5	<1	<0.2
1240917	Soil	15	0.49	211	0.131	1	1.84	0.006	0.51	<0.1	<0.01	1.4	0.4	<0.05	5	<0.5	<1	<0.2
1240918	Soil	74	1.41	1045	0.185	1	2.75	0.010	0.78	0.2	<0.01	2.4	0.3	<0.05	6	<0.5	<1	<0.2
1240919	Soil	11	0.47	212	0.130	1	1.43	0.005	0.54	<0.1	<0.01	1.0	0.4	<0.05	4	<0.5	<1	<0.2
1240920	Soil	17	0.66	494	0.156	1	1.88	0.006	0.35	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	2	<0.2
1240921	Soil	30	0.65	749	0.105	2	2.01	0.009	0.32	0.2	0.02	2.5	0.2	<0.05	6	<0.5	<1	<0.2
1240922	Soil	31	0.61	497	0.118	2	2.04	0.008	0.26	0.1	0.01	2.7	0.2	<0.05	6	<0.5	<1	<0.2
1240923	Soil	16	0.92	679	0.195	4	2.43	0.009	0.68	<0.1	<0.01	2.1	0.3	<0.05	6	<0.5	<1	<0.2
1240924	Soil	18	0.79	418	0.128	2	2.17	0.010	0.44	0.1	0.02	2.4	0.3	<0.05	6	<0.5	<1	<0.2
1240925	Soil	33	1.19	347	0.200	1	2.35	0.008	0.66	<0.1	<0.01	1.7	0.4	<0.05	7	<0.5	<1	<0.2
1240926	Soil	15	0.83	406	0.144	2	1.91	0.014	0.45	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<1	<0.2
1240927	Soil	32	0.53	374	0.074	2	1.56	0.011	0.08	0.1	0.02	3.0	0.1	<0.05	5	<0.5	<1	<0.2
1240928	Soil	20	0.76	444	0.173	1	2.06	0.008	0.40	0.1	0.01	2.3	0.3	<0.05	6	<0.5	<1	<0.2
1240929	Soil	20	0.68	487	0.126	1	1.53	0.008	0.41	<0.1	<0.01	2.1	0.2	<0.05	4	<0.5	<1	<0.2
1240930	Soil	22	0.75	357	0.166	1	1.83	0.012	0.38	0.2	0.02	2.5	0.3	<0.05	5	<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: RB
Report Date: July 06, 2012

CERTIFICATE OF ANALYSIS WHI12000150.1

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
1240931	Soil	0.7	13.3	6.0	59	<0.1	12.9	6.3	174	2.18	5.4	2.3	3.0	20	<0.1	0.3	<0.1	44	0.29	0.055	10
1240932	Soil	0.6	10.5	5.2	65	<0.1	12.7	7.1	289	2.44	5.6	4.1	2.4	15	<0.1	0.2	<0.1	39	0.23	0.053	8
1239451	Soil	0.6	11.2	5.0	52	<0.1	22.9	8.6	320	2.77	5.2	<0.5	11.4	9	<0.1	0.3	<0.1	45	0.13	0.011	23
1239452	Soil	0.7	18.3	7.2	50	<0.1	15.9	8.2	335	2.64	7.8	1.7	9.4	14	<0.1	0.5	0.2	49	0.18	0.023	33
1239453	Soil	0.3	15.8	4.1	77	<0.1	16.1	20.2	933	5.69	3.4	1.0	4.5	8	<0.1	0.1	<0.1	114	0.19	0.073	8
1239454	Soil	0.7	42.9	8.2	54	0.1	28.6	11.6	528	2.80	8.8	3.2	10.7	14	<0.1	0.5	0.1	52	0.17	0.028	32
1239455	Soil	0.9	17.4	8.4	50	<0.1	22.3	9.0	255	2.89	9.2	2.5	8.3	11	<0.1	0.5	0.1	55	0.11	0.022	18
1239456	Soil	0.5	9.4	5.4	56	<0.1	16.3	13.1	402	3.10	4.2	1.9	11.5	10	<0.1	0.3	<0.1	52	0.15	0.025	15
1239457	Soil	0.9	29.8	9.5	50	<0.1	21.0	10.4	422	2.58	8.8	4.5	14.3	11	<0.1	0.6	0.1	51	0.14	0.030	45
1239458	Soil	1.1	26.7	10.1	49	<0.1	20.9	9.6	273	2.69	9.5	4.4	6.7	13	<0.1	0.6	0.1	63	0.14	0.016	26
1239459	Soil	1.2	13.9	8.6	53	<0.1	20.3	9.4	257	3.38	9.3	2.5	7.6	12	<0.1	0.5	0.1	67	0.16	0.034	25
1239460	Soil	0.7	13.7	7.6	43	<0.1	14.7	7.8	246	2.53	6.3	1.9	10.3	12	<0.1	0.4	<0.1	53	0.13	0.018	28
1239461	Soil	0.2	6.3	7.6	62	<0.1	8.3	5.8	251	1.81	1.9	1.2	14.0	7	<0.1	0.2	<0.1	24	0.12	0.035	31
1239462	Soil	0.6	16.1	8.0	42	<0.1	14.1	6.7	222	2.17	6.5	3.0	13.2	12	<0.1	0.5	<0.1	42	0.11	0.013	30
1239463	Soil	0.6	11.8	8.1	43	<0.1	15.9	6.6	188	2.06	5.2	1.7	5.3	12	<0.1	0.3	<0.1	48	0.13	0.019	14
1239464	Soil	0.7	10.8	7.3	42	<0.1	16.0	6.7	209	2.47	6.3	3.5	8.6	13	<0.1	0.4	<0.1	47	0.15	0.021	17
1239465	Soil	0.9	11.5	7.0	49	<0.1	17.6	8.2	262	3.04	6.2	1.1	6.6	11	<0.1	0.4	<0.1	54	0.14	0.026	16
1239466	Soil	0.8	11.3	9.7	39	<0.1	13.1	5.7	159	2.60	9.0	4.2	5.4	14	<0.1	0.5	<0.1	58	0.15	0.031	14
1239467	Soil	0.5	7.8	7.5	42	<0.1	9.4	4.9	195	2.41	5.3	0.5	6.2	11	<0.1	0.3	<0.1	44	0.13	0.040	11
1239468	Soil	0.9	13.2	9.3	45	<0.1	15.6	7.0	204	2.84	8.0	3.8	8.5	12	<0.1	0.5	<0.1	51	0.13	0.028	14
1239469	Soil	0.6	11.1	5.8	36	<0.1	13.1	6.8	244	2.35	4.5	0.5	6.0	18	<0.1	0.2	<0.1	49	0.27	0.043	17
1239470	Soil	0.9	9.3	7.1	40	<0.1	13.3	6.1	198	2.99	9.6	2.7	4.8	12	<0.1	0.4	<0.1	61	0.14	0.050	12
1239471	Soil	0.6	9.8	6.6	39	<0.1	14.5	6.3	186	2.24	7.2	0.7	6.1	15	<0.1	0.4	<0.1	45	0.20	0.046	16
1239472	Soil	0.5	13.7	6.6	41	<0.1	14.8	7.0	251	2.16	5.3	2.0	7.6	19	<0.1	0.4	<0.1	41	0.23	0.025	33
1239473	Soil	0.6	11.1	6.7	40	<0.1	13.5	5.8	173	2.00	5.8	1.9	5.6	14	<0.1	0.4	<0.1	39	0.18	0.037	17
1239474	Soil	1.0	7.2	6.6	39	<0.1	10.4	6.0	226	2.33	7.8	<0.5	6.2	13	<0.1	0.3	<0.1	46	0.19	0.072	16
1239475	Soil	0.7	7.5	4.9	35	<0.1	9.0	4.8	187	1.72	4.5	2.0	6.5	14	<0.1	0.3	<0.1	34	0.20	0.049	19
1239476	Soil	0.6	10.3	5.9	44	0.1	19.9	7.1	235	1.93	2.9	<0.5	5.2	17	<0.1	0.3	<0.1	41	0.22	0.039	32
1239477	Soil	0.6	17.3	5.7	71	<0.1	17.7	14.3	553	3.63	1.9	<0.5	8.9	19	<0.1	0.2	<0.1	76	0.57	0.142	36
1239478	Soil	1.6	41.2	21.4	80	0.5	26.8	11.6	479	3.71	6.3	1.8	23.6	39	0.2	0.5	0.2	67	0.64	0.061	120

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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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Sn	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	1	0.2
1240931	Soil	23	0.51	326	0.107	2	1.28	0.010	0.15	0.2	0.02	2.3	0.1	<0.05	4	<0.5	<1	<0.2
1240932	Soil	23	0.49	182	0.107	2	1.36	0.009	0.30	0.1	<0.01	2.2	0.2	<0.05	5	<0.5	<1	<0.2
1239451	Soil	51	1.44	148	0.110	1	2.66	0.007	0.31	<0.1	0.02	3.0	0.3	<0.05	9	<0.5	3	<0.2
1239452	Soil	30	0.64	211	0.079	1	1.50	0.013	0.16	0.1	0.03	4.7	0.2	<0.05	6	<0.5	<1	<0.2
1239453	Soil	34	1.53	427	0.317	<1	2.99	0.008	1.41	0.2	<0.01	5.6	0.7	<0.05	11	<0.5	<1	<0.2
1239454	Soil	42	0.66	252	0.076	2	1.56	0.010	0.18	0.2	0.05	6.6	0.2	<0.05	5	<0.5	<1	<0.2
1239455	Soil	32	0.55	151	0.067	2	1.67	0.007	0.07	0.1	0.02	3.1	0.1	<0.05	5	<0.5	<1	<0.2
1239456	Soil	25	1.32	153	0.113	1	2.29	0.007	0.47	0.1	0.01	2.8	0.4	<0.05	7	<0.5	<1	<0.2
1239457	Soil	31	0.55	210	0.063	1	1.60	0.011	0.09	0.2	0.05	3.9	0.1	<0.05	5	<0.5	<1	<0.2
1239458	Soil	39	0.50	264	0.071	1	1.78	0.011	0.05	0.2	0.06	6.8	0.1	<0.05	6	<0.5	<1	<0.2
1239459	Soil	35	0.59	225	0.080	2	2.04	0.008	0.06	0.2	0.01	3.3	0.2	<0.05	6	<0.5	<1	<0.2
1239460	Soil	32	0.60	162	0.086	1	1.68	0.007	0.07	0.1	0.03	2.9	0.2	<0.05	5	<0.5	<1	<0.2
1239461	Soil	14	0.69	103	0.089	<1	1.17	0.005	0.42	<0.1	<0.01	1.4	0.3	<0.05	5	<0.5	1	<0.2
1239462	Soil	27	0.52	141	0.083	2	1.47	0.008	0.06	0.1	0.03	3.3	0.1	<0.05	5	<0.5	<1	<0.2
1239463	Soil	32	0.67	128	0.091	1	1.42	0.007	0.05	0.1	0.01	2.4	0.1	<0.05	6	<0.5	1	<0.2
1239464	Soil	32	0.69	125	0.091	<1	1.62	0.007	0.08	0.1	0.02	2.4	0.1	<0.05	5	<0.5	<1	<0.2
1239465	Soil	36	0.88	129	0.118	1	1.86	0.007	0.13	0.1	0.02	2.4	0.2	<0.05	7	<0.5	1	<0.2
1239466	Soil	25	0.43	135	0.085	<1	1.33	0.007	0.05	0.2	0.03	2.6	0.1	<0.05	6	<0.5	<1	<0.2
1239467	Soil	19	0.53	92	0.114	<1	1.24	0.006	0.19	0.1	0.01	2.0	0.2	<0.05	7	<0.5	1	<0.2
1239468	Soil	32	0.54	130	0.083	<1	1.74	0.008	0.07	0.2	0.02	3.0	0.1	<0.05	5	<0.5	<1	<0.2
1239469	Soil	28	0.66	192	0.122	<1	1.39	0.007	0.19	0.2	0.02	2.7	0.2	<0.05	6	<0.5	<1	<0.2
1239470	Soil	30	0.53	125	0.107	<1	1.47	0.007	0.09	0.2	0.01	2.5	0.1	<0.05	6	<0.5	<1	<0.2
1239471	Soil	33	0.65	149	0.097	<1	1.30	0.008	0.19	0.2	0.01	2.5	0.1	<0.05	5	<0.5	<1	<0.2
1239472	Soil	33	0.61	193	0.095	<1	1.26	0.011	0.07	0.2	0.03	3.5	0.1	<0.05	4	<0.5	<1	<0.2
1239473	Soil	29	0.53	138	0.078	<1	1.18	0.009	0.07	0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<1	<0.2
1239474	Soil	25	0.49	129	0.086	1	1.15	0.007	0.12	0.1	<0.01	2.2	0.1	<0.05	5	<0.5	<1	<0.2
1239475	Soil	20	0.44	119	0.081	<1	0.97	0.007	0.15	0.2	0.02	1.8	0.1	<0.05	4	<0.5	<1	<0.2
1239476	Soil	42	0.67	201	0.104	1	1.25	0.009	0.18	0.1	0.01	2.4	0.2	<0.05	6	<0.5	<1	<0.2
1239477	Soil	54	1.74	537	0.225	<1	2.34	0.009	1.14	0.2	0.02	4.8	0.5	<0.05	8	<0.5	<1	<0.2
1239478	Soil	49	0.94	474	0.144	2	2.68	0.010	0.51	0.1	0.07	7.0	0.3	<0.05	9	1.0	3	<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
1239479	Soil	1.0	16.6	8.5	50	0.2	13.9	9.4	334	2.42	4.6	1.7	12.8	18	<0.1	0.3	<0.1	44	0.28	0.051	51
1239480	Soil	0.4	8.7	5.1	32	<0.1	8.5	4.2	131	1.47	4.2	6.0	6.1	12	<0.1	0.3	<0.1	30	0.18	0.042	13
1239481	Soil	0.5	9.2	5.6	34	<0.1	9.5	4.9	147	1.61	4.6	<0.5	6.3	14	<0.1	0.3	<0.1	32	0.19	0.040	12
1239482	Soil	0.5	10.4	6.0	39	<0.1	10.8	4.9	141	1.71	5.0	3.3	7.3	15	<0.1	0.3	<0.1	36	0.21	0.044	15
1239483	Soil	0.5	11.9	6.2	37	<0.1	10.9	4.7	120	1.68	5.1	1.5	6.1	16	<0.1	0.4	<0.1	35	0.20	0.043	15
1239484	Soil	0.5	20.4	6.9	37	<0.1	15.8	6.8	246	1.70	6.1	3.1	7.1	20	<0.1	0.5	<0.1	32	0.25	0.039	20
1239485	Soil	1.0	21.8	8.2	33	<0.1	18.2	8.0	170	2.28	9.6	25.5	4.4	16	<0.1	0.5	<0.1	36	0.16	0.025	6
1239486	Soil	0.9	14.3	9.0	40	0.1	15.8	6.8	143	2.08	7.9	0.7	4.3	21	<0.1	0.5	<0.1	43	0.25	0.022	9
1239487	Soil	0.6	19.1	7.9	37	<0.1	12.9	7.6	161	1.61	4.5	<0.5	4.6	14	<0.1	0.3	<0.1	27	0.14	0.017	7
1239488	Soil	1.0	22.6	9.6	43	<0.1	19.1	7.8	222	2.04	6.3	0.7	5.8	22	<0.1	0.6	<0.1	42	0.23	0.017	8
1239489	Soil	1.3	32.9	12.6	42	0.1	19.5	10.0	229	2.25	7.3	1.7	6.1	24	<0.1	0.8	0.2	48	0.25	0.015	22
1239490	Soil	0.9	30.1	10.3	44	<0.1	21.2	10.2	189	2.47	8.0	3.2	5.8	26	<0.1	0.8	0.1	52	0.26	0.020	15
1240958	Silt	0.8	13.7	4.7	44	<0.1	13.4	7.7	366	1.55	4.0	1.1	3.6	27	0.1	0.3	<0.1	28	0.41	0.059	13
1240959	Silt	0.7	11.7	4.5	43	<0.1	12.7	7.0	290	1.50	3.6	1.6	3.6	27	0.1	0.3	<0.1	30	0.43	0.067	13
1240845	Silt	0.8	13.3	9.6	53	0.1	13.1	8.9	320	2.01	2.8	1.9	10.2	19	<0.1	0.2	<0.1	34	0.36	0.061	37
1240846	Silt	0.9	13.1	8.8	54	0.1	13.2	8.9	345	2.02	2.6	2.6	10.1	20	<0.1	0.2	<0.1	34	0.37	0.061	38

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Toronto ON M5X 1C9 Canada

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Sn	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	1	0.2
1239479	Soil	29	0.59	238	0.105	1	1.66	0.008	0.19	0.2	0.04	3.8	0.2	<0.05	6	0.5	2	<0.2
1239480	Soil	16	0.34	102	0.067	<1	0.84	0.007	0.07	0.2	0.02	1.8	<0.1	<0.05	3	<0.5	<1	<0.2
1239481	Soil	18	0.32	94	0.065	<1	0.92	0.008	0.07	0.2	<0.01	1.8	<0.1	<0.05	3	<0.5	<1	<0.2
1239482	Soil	21	0.40	121	0.081	<1	1.08	0.010	0.09	0.2	0.02	2.2	<0.1	<0.05	4	<0.5	<1	<0.2
1239483	Soil	20	0.38	121	0.068	<1	1.09	0.010	0.05	0.2	0.02	2.4	<0.1	<0.05	4	<0.5	<1	<0.2
1239484	Soil	21	0.34	221	0.064	1	1.02	0.010	0.06	0.1	0.03	3.6	<0.1	<0.05	3	<0.5	<1	<0.2
1239485	Soil	23	0.41	210	0.041	<1	1.30	0.006	0.04	0.1	<0.01	2.5	<0.1	<0.05	4	<0.5	<1	<0.2
1239486	Soil	25	0.38	288	0.040	1	1.28	0.006	0.06	0.1	<0.01	2.7	<0.1	<0.05	4	<0.5	<1	<0.2
1239487	Soil	19	0.50	164	0.049	<1	1.05	0.004	0.05	<0.1	<0.01	2.2	<0.1	<0.05	3	<0.5	<1	<0.2
1239488	Soil	27	0.45	302	0.055	<1	1.46	0.010	0.06	0.1	0.01	3.2	<0.1	<0.05	4	<0.5	1	<0.2
1239489	Soil	32	0.46	318	0.064	<1	1.42	0.008	0.05	<0.1	<0.01	4.8	0.1	<0.05	4	<0.5	3	<0.2
1239490	Soil	33	0.47	330	0.073	<1	1.74	0.011	0.07	0.1	0.02	4.6	<0.1	<0.05	5	<0.5	<1	<0.2
1240958	Silt	20	0.42	208	0.047	<1	0.86	0.010	0.05	0.1	0.02	2.4	<0.1	<0.05	3	<0.5	<1	<0.2
1240959	Silt	20	0.42	204	0.055	<1	0.88	0.012	0.06	0.2	0.01	2.5	<0.1	<0.05	3	<0.5	<1	<0.2
1240845	Silt	28	0.73	362	0.107	<1	1.41	0.008	0.32	<0.1	0.03	2.9	0.2	<0.05	5	<0.5	<1	<0.2
1240846	Silt	29	0.71	334	0.102	<1	1.40	0.008	0.31	<0.1	0.04	3.0	0.2	<0.05	5	<0.5	<1	<0.2

AcmeLabs 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: RB
Report Date: July 06, 2012

QUALITY CONTROL REPORT WHI12000150.1

	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																					
1240820	Soil	0.5	5.6	8.9	51	<0.1	10.0	6.4	262	2.08	2.7	1.7	31.3	12	<0.1	0.2	<0.1	26	0.15	0.034	44
REP 1240820	QC	0.4	5.9	9.2	48	<0.1	9.9	6.1	253	1.96	2.6	0.9	31.0	12	<0.1	0.3	<0.1	25	0.16	0.031	43
1240824	Soil	0.4	20.2	8.2	45	<0.1	19.7	7.3	276	2.18	7.4	3.2	11.3	21	<0.1	0.5	0.1	40	0.28	0.028	26
REP 1240824	QC	0.6	20.1	8.3	49	<0.1	20.2	7.4	280	2.21	7.2	2.8	11.7	23	<0.1	0.4	0.1	42	0.29	0.029	27
1240926	Soil	0.4	19.7	3.2	96	<0.1	14.4	9.2	212	2.70	4.0	0.6	1.3	12	<0.1	0.3	<0.1	32	0.26	0.058	5
REP 1240926	QC	0.3	18.8	3.1	92	<0.1	13.5	9.1	210	2.62	3.6	<0.5	1.3	12	<0.1	0.2	<0.1	33	0.29	0.061	5
1240930	Soil	0.6	13.8	4.9	85	0.1	11.7	7.4	216	2.87	4.5	2.0	2.2	21	<0.1	0.3	<0.1	47	0.29	0.058	7
REP 1240930	QC	0.6	13.4	4.9	83	0.1	11.8	7.3	219	2.88	5.0	1.0	2.1	21	<0.1	0.4	<0.1	47	0.30	0.057	8
1239480	Soil	0.4	8.7	5.1	32	<0.1	8.5	4.2	131	1.47	4.2	6.0	6.1	12	<0.1	0.3	<0.1	30	0.18	0.042	13
REP 1239480	QC	0.4	8.9	4.8	31	<0.1	8.2	4.2	127	1.47	4.1	2.5	6.4	13	<0.1	0.3	<0.1	29	0.18	0.041	14
1239484	Soil	0.5	20.4	6.9	37	<0.1	15.8	6.8	246	1.70	6.1	3.1	7.1	20	<0.1	0.5	<0.1	32	0.25	0.039	20
REP 1239484	QC	0.5	20.9	7.2	36	<0.1	16.0	6.7	257	1.73	6.5	1.6	7.4	20	<0.1	0.5	<0.1	33	0.25	0.038	20
Reference Materials																					
STD DS9	Standard	12.6	110.4	122.6	288	1.9	37.9	7.1	551	2.13	24.9	114.9	6.6	75	2.3	6.0	6.2	39	0.67	0.081	13
STD DS9	Standard	14.1	113.8	132.3	319	2.0	42.9	7.8	596	2.36	26.6	126.1	6.9	80	2.4	6.5	7.5	42	0.74	0.081	13
STD DS9	Standard	14.5	120.8	128.4	323	1.9	45.5	8.4	635	2.44	26.3	126.5	6.6	71	2.3	5.7	6.1	52	0.76	0.085	14
STD DS9	Standard	12.4	112.1	123.2	297	1.7	40.0	7.8	582	2.28	25.3	117.4	6.6	67	2.3	5.2	6.2	41	0.66	0.081	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
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	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: RB
Report Date: July 06, 2012

QUALITY CONTROL REPORT WHI12000150.1

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																		
1240820	Soil	25	0.59	137	0.117	<1	1.37	0.008	0.38	<0.1	<0.01	2.1	0.5	<0.05	7	<0.5	2	<0.2
REP 1240820	QC	25	0.57	133	0.113	<1	1.34	0.016	0.38	<0.1	<0.01	2.2	0.5	<0.05	6	<0.5	2	<0.2
1240824	Soil	30	0.61	249	0.081	1	1.16	0.013	0.11	0.1	0.03	3.9	0.2	<0.05	4	<0.5	1	<0.2
REP 1240824	QC	32	0.60	261	0.086	1	1.20	0.014	0.11	0.1	0.02	4.1	0.2	<0.05	4	<0.5	1	<0.2
1240926	Soil	15	0.83	406	0.144	2	1.91	0.014	0.45	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<1	<0.2
REP 1240926	QC	15	0.83	403	0.143	2	1.88	0.011	0.43	0.1	<0.01	2.1	0.3	<0.05	4	<0.5	<1	<0.2
1240930	Soil	22	0.75	357	0.166	1	1.83	0.012	0.38	0.2	0.02	2.5	0.3	<0.05	5	<0.5	<1	<0.2
REP 1240930	QC	22	0.70	350	0.160	2	1.76	0.011	0.36	0.2	0.02	2.6	0.3	<0.05	5	<0.5	<1	<0.2
1239480	Soil	16	0.34	102	0.067	<1	0.84	0.007	0.07	0.2	0.02	1.8	<0.1	<0.05	3	<0.5	<1	<0.2
REP 1239480	QC	16	0.34	102	0.071	<1	0.84	0.009	0.07	0.1	0.01	1.8	<0.1	<0.05	3	<0.5	<1	<0.2
1239484	Soil	21	0.34	221	0.064	1	1.02	0.010	0.06	0.1	0.03	3.6	<0.1	<0.05	3	<0.5	<1	<0.2
REP 1239484	QC	22	0.35	211	0.064	<1	1.05	0.009	0.06	0.1	0.02	3.7	<0.1	<0.05	3	<0.5	<1	<0.2
Reference Materials																		
STD DS9	Standard	111	0.58	286	0.115	2	0.93	0.093	0.36	3.0	0.24	3.0	5.0	0.10	4	5.4	7	4.7
STD DS9	Standard	127	0.63	319	0.116	3	0.99	0.110	0.41	3.1	0.24	3.6	5.8	0.16	5	5.3	7	4.9
STD DS9	Standard	140	0.64	304	0.124	3	0.99	0.103	0.42	3.2	0.21	3.4	5.7	0.09	5	5.2	6	5.7
STD DS9	Standard	114	0.57	288	0.107	3	0.92	0.081	0.36	2.8	0.22	2.5	5.3	0.11	4	5.4	6	4.8
STD DS9 Expected		121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2		5.02
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<1	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<1	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<1	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.01	<0.1	<0.1	<0.05	<1	<0.5	<1	<0.2

Appendix III: 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 21, 2012
Report Date: June 29, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI12000145.1

CLIENT JOB INFORMATION

Project: RB
Shipment ID: RBRX
P.O. Number
Number of Samples: 13

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	13	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	13	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	13	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Daniel Ferraro

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

Acme Analytical Laboratories (Vancouver) Ltd.
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: RB
Report Date: June 29, 2012

CERTIFICATE OF ANALYSIS WHI12000145.1

	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	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2
1240851	Rock	0.61	<2	0.4	3.9	6.7	21	<0.1	2.1	1.6	183	0.85	<0.5	2.0	<0.5	18.6	5	<0.1	<0.1	<0.1	3
1240852	Rock	0.43	<2	<0.1	3.3	6.0	13	<0.1	1.5	1.6	103	0.74	<0.5	2.1	<0.5	25.8	8	<0.1	<0.1	<0.1	4
1240853	Rock	0.66	<2	<0.1	1.2	4.9	14	<0.1	1.9	1.4	105	0.71	<0.5	1.9	<0.5	18.1	9	<0.1	<0.1	<0.1	4
1240854	Rock	0.58	<2	0.2	1.5	6.3	11	<0.1	0.8	0.4	63	0.71	<0.5	3.3	0.5	28.7	2	<0.1	<0.1	<0.1	<2
1240855	Rock	0.55	<2	0.4	2.0	4.9	16	<0.1	3.1	1.4	127	0.87	<0.5	3.8	<0.5	23.6	5	<0.1	<0.1	<0.1	4
1240856	Rock	0.56	<2	0.2	0.6	0.9	<1	<0.1	1.1	0.3	34	0.29	<0.5	0.2	<0.5	0.9	1	<0.1	<0.1	<0.1	<2
1240951	Rock	0.66	<2	<0.1	0.7	1.1	12	<0.1	1.2	1.1	89	0.78	<0.5	1.6	<0.5	21.7	3	<0.1	<0.1	<0.1	<2
1240952	Rock	0.63	<2	0.2	0.9	3.3	143	<0.1	14.5	24.2	752	5.24	<0.5	1.2	<0.5	6.3	20	0.1	<0.1	<0.1	88
1240953	Rock	0.66	<2	0.1	6.7	2.3	72	0.1	12.0	11.2	463	2.79	0.5	0.6	<0.5	3.6	14	0.1	<0.1	<0.1	38
1240954	Rock	0.81	<2	0.1	1.6	1.6	54	<0.1	3.7	3.0	227	1.34	0.6	0.2	<0.5	0.7	11	<0.1	<0.1	<0.1	6
1240955	Rock	0.59	<2	0.4	4.6	1.7	62	<0.1	2.9	2.6	223	1.42	1.2	0.2	<0.5	0.7	9	<0.1	<0.1	<0.1	6
1240956	Rock	0.98	<2	0.1	8.2	1.3	64	<0.1	2.2	4.8	247	2.09	1.0	0.2	<0.5	0.5	14	<0.1	0.2	<0.1	14
1240957	Rock	1.18	<2	0.3	12.6	0.7	92	<0.1	2.1	3.8	229	2.43	0.5	0.2	<0.5	0.7	5	<0.1	<0.1	<0.1	18

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: RB
Report Date: June 29, 2012

CERTIFICATE OF ANALYSIS WHI12000145.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Ca	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	0.01	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
1240851	Rock	0.07	0.016	8	6	0.22	128	0.056	<20	0.45	0.043	0.35	<0.1	<0.01	0.2	<0.05	0.6	<0.5	2	<1	<0.2
1240852	Rock	0.09	0.013	20	6	0.09	132	0.043	<20	0.36	0.044	0.27	<0.1	<0.01	0.2	<0.05	0.5	<0.5	2	<1	<0.2
1240853	Rock	0.13	0.015	22	4	0.10	86	0.041	<20	0.34	0.041	0.27	<0.1	<0.01	0.1	<0.05	0.7	<0.5	2	<1	<0.2
1240854	Rock	0.03	0.012	44	8	0.02	28	0.012	<20	0.21	0.046	0.15	<0.1	<0.01	<0.1	<0.05	0.3	<0.5	1	<1	<0.2
1240855	Rock	0.08	0.017	24	8	0.15	89	0.055	<20	0.44	0.042	0.32	<0.1	<0.01	0.2	<0.05	0.7	<0.5	2	<1	<0.2
1240856	Rock	0.01	0.003	2	12	<0.01	31	0.001	<20	0.06	0.011	0.06	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<1	<0.2
1240951	Rock	0.05	0.019	55	7	0.21	187	0.037	<20	0.41	0.066	0.32	<0.1	<0.01	0.1	<0.05	0.7	<0.5	2	<1	<0.2
1240952	Rock	0.40	0.122	18	100	3.25	962	0.394	<20	4.03	0.038	3.47	0.3	<0.01	1.5	<0.05	6.7	<0.5	15	2	<0.2
1240953	Rock	0.56	0.081	6	31	1.29	851	0.206	<20	2.04	0.044	1.21	<0.1	<0.01	0.5	<0.05	2.4	<0.5	5	<1	<0.2
1240954	Rock	0.22	0.033	2	9	0.29	337	0.122	<20	0.90	0.034	0.56	<0.1	<0.01	0.3	<0.05	0.9	<0.5	2	<1	<0.2
1240955	Rock	0.17	0.027	2	7	0.59	494	0.116	<20	1.19	0.026	0.65	<0.1	<0.01	0.4	<0.05	0.9	<0.5	3	<1	<0.2
1240956	Rock	0.37	0.063	2	10	0.50	664	0.186	<20	1.31	0.034	0.77	<0.1	<0.01	0.3	<0.05	1.8	<0.5	3	<1	<0.2
1240957	Rock	0.24	0.062	2	10	0.52	940	0.163	<20	1.33	0.041	0.81	<0.1	<0.01	0.3	<0.05	2.1	<0.5	4	<1	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: RB
Report Date: June 29, 2012

QUALITY CONTROL REPORT WHI12000145.1

	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	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Reference Materials																					
STD DS9	Standard			12.8	114.3	126.2	316	2.0	41.4	7.9	572	2.34	25.8	2.6	108.5	5.8	63	2.4	4.6	5.1	38
STD OREAS45CA	Standard			1.0	528.8	20.8	60	0.3	264.9	98.8	983	16.59	3.5	1.3	41.0	7.6	16	<0.1	<0.1	0.2	225
STD OXC88	Standard		187																		
STD OXG99	Standard		918																		
STD OXC88 Expected			203																		
STD OXG99 Expected			932																		
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	1.2	43	7	15	0.1	0.13	0.19	215
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40
BLK	Blank		3																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
Prep Wash																					
G1-WHI	Prep Blank		<2	0.1	2.3	3.1	43	<0.1	2.6	4.1	563	1.93	<0.5	2.0	1.1	5.2	65	<0.1	<0.1	<0.1	36
G1-WHI	Prep Blank		<2	0.1	2.2	2.9	44	<0.1	2.6	4.1	555	1.95	<0.5	1.6	1.4	5.5	63	<0.1	<0.1	<0.1	36

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QUALITY CONTROL REPORT WHI12000145.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Ca	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	0.01	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
Reference Materials																					
STD DS9	Standard	0.69	0.081	11	121	0.63	330	0.105	<20	0.95	0.076	0.40	2.9	0.20	5.5	0.16	2.0	5.9	5	6	5.3
STD OREAS45CA	Standard	0.45	0.041	16	814	0.15	175	0.146	<20	3.86	0.009	0.07	<0.1	0.03	0.1	<0.05	46.9	<0.5	19	2	<0.2
STD OXC88	Standard																				
STD OXG99	Standard																				
STD OXC88 Expected																					
STD OXG99 Expected																					
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	0.07	0.021	39.7	0.5	18.4		
STD DS9 Expected		0.7201	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	<0.01	<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	0.51	0.073	12	10	0.51	176	0.131	<20	1.01	0.093	0.47	<0.1	<0.01	0.3	<0.05	2.4	<0.5	5	<1	<0.2
G1-WHI	Prep Blank	0.54	0.071	13	8	0.53	169	0.130	<20	0.96	0.095	0.47	<0.1	<0.01	0.3	<0.05	2.3	<0.5	5	<1	<0.2