ASSESSMENT REPORT

2012 GEOCHEMICAL PROGRAM

on the

Seattle Property

Mayo Mining District, Yukon Territory

for

Goldspike Exploration Inc.

Claims filed for: 'Sea' 1-48 (YD95651 - YD95698)
NTS Mapsheet: 115P16
UTM Coordinates: E445000, N7083000 (NAD83, Zone 8)
Owner: Goldspike Exploration Inc.
Author: D. Ferraro, HBSc.
Dates worked performed: June 22nd, 2012

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1.0 SUMMARY

A 1 day geochemical sampling program was conducted on the Seattle Property on June 22nd, 2012. The property is owned 100% by Goldspike Exploration Inc. and consists of 48 contiguous quartz claims located in the Mayo Mining District.

The Seattle Property is situated in the McQuesten River area, approximately 150 km ESE of Dawson City and 40 km NNW of Mayo, Yukon Territory. The area can be reached by truck from Mayo via the Silver Trail Highway, and a road branching west towards the McQuesten River bridge. For this purposes of this program, a helicopter was used based out of a field camp.

Geologically, the property is located in the western Selwyn Basin, a highly mineralized area east of the Tintina Fault. Numerous mineral showings and strong multi-element geochemical anomalies are related to high level, multi-phase quartz monzonite stocks of mid-Cretaceous age that intrude Upper Proterozoic to Silurian metasediments. The property is underlain by Mississippian quartzites, metasedimentary breccia, amphibolite, and Upper Proterozoic Hyland Group metasediments.

A total of 131 soil samples and 42 rock samples were taken over the duration of the program. Few samples returned anomalous gold results. When plotted with the 2011 samples, a pronounced Tl-Ag-Mo signature forms an eastwest trend which is open ended to the east. Prospecting revealed a metasedimentary hydrothermal breccia unit, but did not yield any notable assay results.

The geological setting of the property is favourable to Carlin-style gold mineralization and high-grade vein deposits. Combined with this, the position of the property in relation to well-known deposits makes it a prospective exploration target. Although few samples showed significant gold results, the thallium trend is notable for its relation to Carlin-style deposits. It is recommended that the area east of the Seattle Property be staked, soil sampled and prospected.

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 Seattle 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 written by D. Ferraro, of Ferraro Consulting Ltd. of Woodstock, ON.

3.0 PROPERTY LOCATION AND ACCESS

The Seattle Property is situated in the McQuesten River area, approximately 150 km ESE of Dawson City and 40 km NNW of Mayo (Figure 1). The area can be reached by truck from Mayo by taking the Silver Trail Highway, then branching west towards the McQuesten River bridge. There are numerous old access roads in the area along the McQuesten River. For the purposes of this soil sampling program, a helicopter was used based from a field camp.

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

4.0 TOPOGRAPHY, VEGETATION, AND CLIMATE

The Seattle Property is situated in a lower elevation area adjacent to the McQuesten River. Topographically, the McQuesten River valley is mostly at about 2000 ft elevation. The property covers one mountain peak at 3900 ft. Seattle Creek cuts through the southwest of the property before joining the McQuesten River.

Vegetation consists of evergreen and deciduous forest which dominates the slopes. The mountain top is also sparsely vegetated due to lower elevations. Bedrock exposure is fairly limited across the property except for one particularly exposed ridge on the north slope of the mountain. This exposure stretches across the property to the east. The north end of the property leads to the McQuesten River and is swamp and marshland.

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.

Photo 1: Facing the Seattle Property from across the McQuesten River valley to the north.

5.0 PROPERTY DESCRIPTION

The Seattle Property consists of 48 contiguous quartz claims in the Mayo Mining District. The 48 'Sea' claims can be found on NTS mapsheet 115P16 (see Figure 2). The claims are owned 100% by Goldspike Exploration Inc. of Toronto, Ontario. Goldspike also owns the 'MQ', 'G', and 'GM' claims 4 km north of the property.

A complete list of the mining claims that make up the Seattle Property is as follows:

Table 1: Claims comprising the Seattle Property.

Claim Name	Claim Number	Grant Number	Claim Owner	(%)	Claim Expiry Date	Status
Sea	1	YD95651	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	2	YD95652	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	3	YD95653	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	4	YD95654	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	5	YD95655	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	6	YD95656	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	7	YD95657	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	8	YD95658	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	9	YD95659	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	10	YD95660	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	11	YD95661	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	12	YD95662	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	13	YD95663	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	14	YD95664	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	15	YD95665	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	16	YD95666	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	17	YD95667	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	18	YD95668	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	19	YD95669	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	20	YD95670	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	21	YD95671	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	22	YD95672	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	23	YD95673	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	24	YD95674	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	25	YD95675	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	26	YD95676	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	27	YD95677	Goldspike Exploration Inc.	100	01/09/2018	Active

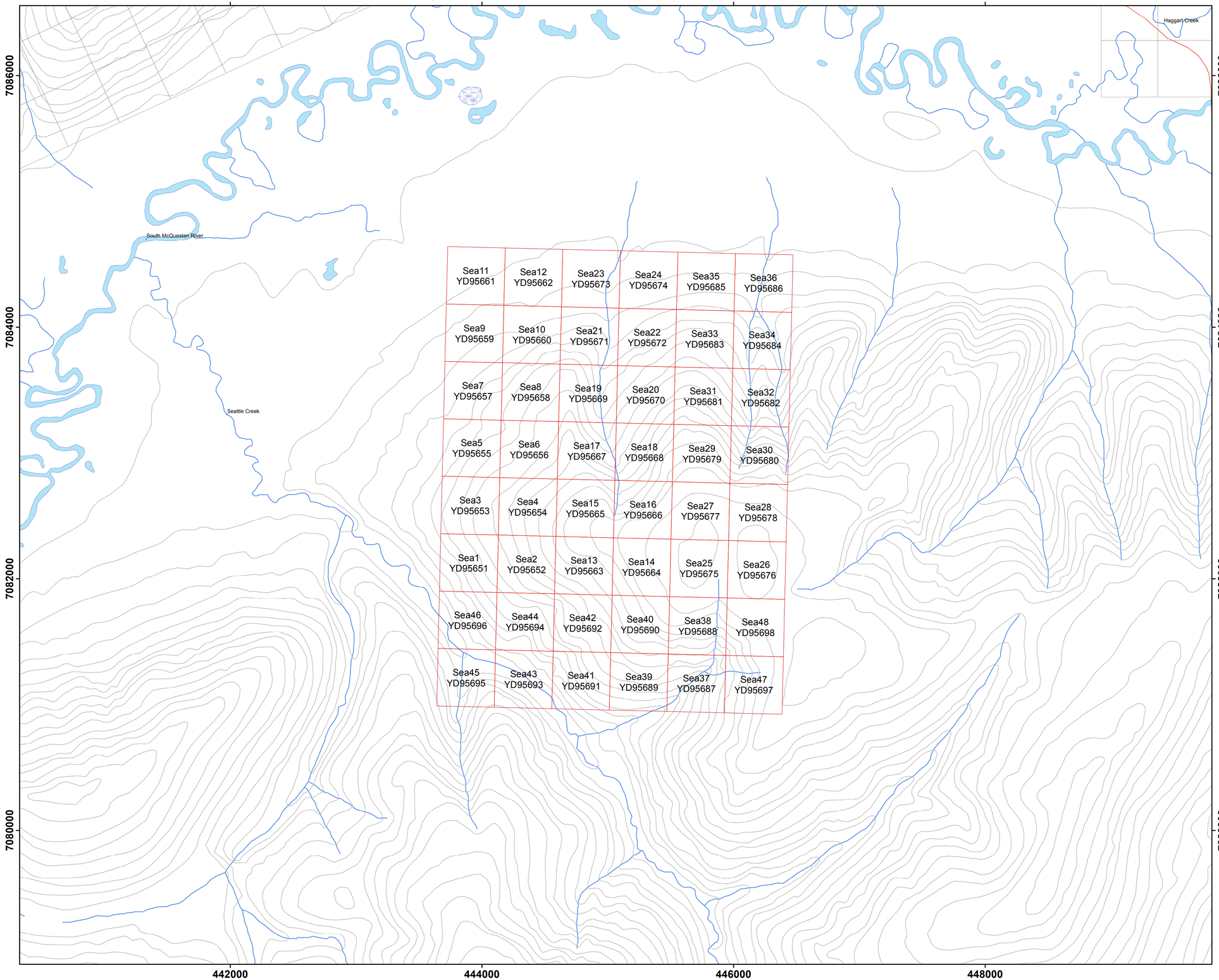
Sea	28	YD95678	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	29	YD95679	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	30	YD95680	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	31	YD95681	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	32	YD95682	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	33	YD95683	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	34	YD95684	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	35	YD95685	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	36	YD95686	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	37	YD95687	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	38	YD95688	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	39	YD95689	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	40	YD95690	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	41	YD95691	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	42	YD95692	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	43	YD95693	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	44	YD95694	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	45	YD95695	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	46	YD95696	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	47	YD95697	Goldspike Exploration Inc.	100	01/09/2018	Active
Sea	48	YD95698	Goldspike Exploration Inc.	100	01/09/2018	Active

Seattle Property

Fig. 2: Claim Location Map

Goldspike Exploration Inc.

McQuesten River area
Mayo Mining District



Legend

- 'Sea' claims
- Yukon quartz claims

N

1:15,000

0 285 570 1,140 1,710 2,280
Meters

Date: March, 2012
NTS Mapsheet: 115P16
Datum: UTM NAD83 Zone 8

6.0 PROPERTY HISTORY

The Seattle showing on the property was staked in 1963 to cover lead-silver veins in Mississippian quartzite that has been suggested to be a western extension of the Keno Hill quartzite. Peso Silver Mines Ltd. explored the property with grid soil sampling, road construction and bulldozer trenching in 1963-64 (Morgan, 1964; Minfile 115P002). Bulldozer trenching uncovered a northeast-trending vein fault, and galena float found on the property assayed 40.3% Pb and 1556.5 g/t Ag. It appears that gold was never assayed, and that there was no subsequent work on the property (Bremner, 2010).

During 2011 Goldspike conducted a 3 day work program of soil sampling and prospecting. Although gold results were limited, a pronounced thallium-silver-molybdenum signature was found trending eastwest in the northern area of the property.

7.0 GEOLOGY

7.1 Regional Geology

The Clear Creek-McQuesten River region is a highly mineralized area east of the Tintina Fault. Numerous mineral showings and strong multi-element geochemical anomalies are related to high level, multi-phase quartz monzonite stocks of mid-Cretaceous age that intrude Upper Proterozoic to Silurian metasediments. Showings in the area, as well as regional silt geochemistry and industry soil sampling, demonstrate a strong correlation between gold, arsenic, antimony, tungsten and bismuth, typical of Tintina Gold Belt type intrusive hosted gold targets. Major deposits in the area include Red Mountain (18km WNW of Seattle, molybdenum-copper-gold porphyry), Dublin Gulch (15km ENE, gold-bearing sheeted quartz veins), and Scheelite Dome (10km south, gold-bearing quartz veins).

The Property is located in the western Selwyn Basin, a fault controlled epicratonic basin. The stratigraphy in the area can be categorized into four, predominantly clastic lithological units. From youngest to oldest they are: the Lower Schist (Mesozoic), Keno Hill Quartzite (Paleozoic), Upper Schist (Paleozoic, Devonian-Mississippian), and the Hyland Group, formerly the Grit Unit (Upper Proterozoic). These units have been juxtaposed by laterally extensive, northward-directed thrusting that occurred in early Cretaceous time.

7.2 Property Geology

The Seattle Property area was mapped by Muphy and Heon (1996). The property is dominated by a thrust fault-controlled unit Mississippian shale and quartzite (Figure 3). The northern extent shows a unit of Early Mississippian volcanic flows, tuffs, and chert. The southeast corner

of the property is underlain by the region's dominant Upper Proterozoic Lower Cambrian Hyland Group metasediments.

The Sea claims cover the inferred source of a 95th percentile (20 ppb) gold silt anomaly on the ridge between Seattle Creek and Ross Creek, which are north-flowing tributaries of the McQuesten River.

Observations during the 2011and 2012 work programs revealed the property is dominated by quartzite and muscovite-chlorite schists. Schists are generally well foliated and display varying degrees of deformation. Quartz-poor, oxidized metasedimentary breccia was observed in the southeast of the property. Although it is fairly deformed, the quartzite unit appears to have a WNW strike and dips shallowly to the south. There is evidence of multiple events of quartz veining on the property, often crosscutting foliation. The metasediments are generally well oxidized, rusty, and weathered. Pyrite mineralization is limited in the quartz veins and wallrock.

One outcrop of probable volcanic origin was observed with rare pieces of float found around the property. It is a well foliated amphibolite, likely representing the Early Mississipian volcanic unit mapped in the north of the property.

Seattle Property

Fig. 3: Bedrock Geology

Goldspike Exploration Inc.

McQuesten River area
Mayo Mining District

Legend

- 'Sea' claims

Bedrock Geology

Lithology

- phyllite/shale/sandstone/grit/conglomerate
- siltstone/sandstone/conglomerate
- flows/tuffs/plugs/chert
- shale/quartzite
- slate
- limestone
- granite/quartz monzonite/granodiorite
- Fault lines

N

1:50,000

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

Date: November, 2012
NTS Mapsheet: 115P16, 116A01, 106D03, 105M13
Datum: UTM NAD83 Zone 8

PCH3
Upper Proterozoic to Lower Cambrian
slate

PCH1
Upper Proterozoic
phyllite/shale/sandstone/grit/conglomerate

DME1
Upper Devonian-Mississippian
siltstone/sandstone/conglomerate

DME3
Mississippian
volcanic flows/tuffs/plugs/chert

MK
Mississippian
shale/quartzite

mKqT
mid-Cretaceous
granite/monzonite/granodiorite

Scheelite Dome
Stock

Red Creek
North McQuesten River
Goodman Creek
Rodin Creek
Secret Creek
Snowshoe Creek
Haggart Creek
South McQuesten River
Hayhurst Creek
Bighorn Creek
North Star Creek
Spire Creek
Ross Creek
Seattle Creek
Bigham Creek
Mount Haldane
Rodin Creek
McQuesten River
Castnor Creek
Laska Gulch
Strike Gulch
Ontera Crossing
Johnson Creek
Morrison Creek
Ross Creek
Black Creek
Acis Creek
Halfway Lakes
Trail Creek
Mud Creek
Roaring Fork Creek
Bennett Creek
Scheelite Dome
Scheelite Gulch
Savage Gulch
Rudolph Gulch
Harvey Gulch
Swede Gulch
Sabbath Creek
Minton Creek
Highet Creek
McRae Creek

8.0 2011 WORK PROGRAM

8.1 Sampling Method and Approach

A 1 day geochemical sampling program was conducted on the Seattle Property on June 22nd, 2012. Working out of a field camp, a crew of 6 soil samplers, 2 prospectors and one geologist collected 131 soil samples and 42 rock samples (see Figure 4 for sample locations). However, only 52 soil samples and 30 rock samples were taken from the claim block and thus claimed for assessment. 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.

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

8.2 Sample Preparation, Analysis, and QA/QC

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

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

Quality control samples from the lab include control blanks, duplicates and standards. Sample blanks (BLK), pulp duplicates and standards (STD DS8) were run with the batch analysis; no problems were noted with analytical accuracy or precision. Analytical results for the soil and rock samples are given in Appendices III and IV, respectively.

8.3 Results

The 2012 work program had two objectives. The first was to soil sample to the east of the Tl-Ag-Mo trend discovered during the 2011 program. The second was to prospect the south eastern side of the property and other areas along the trend which were missed in 2011.

Of the 131 collected soil samples, no sample returned significantly anomalous gold results (Figure 5). However, the Tl-Ag-Mo trend seen in the 2011 results was effectively extended 3 km eastwards (Figures 6 to 8). Soil samples in this trend yielded up to 4.2 ppm Tl, 1.9 ppm Ag, and 18.1 ppm Mo.

Prospecting did not yield any notable gold results, however numerous units of sedimentary breccias were uncovered (Photo 2). Some samples showed slightly elevated base metal values, including sample 1205830 assaying 238 ppm Cu with associated manganese at 3853 ppm Mn.

Photo 2: Sample 1205668 - a hydrothermal breccia in an iron-rich metasedimentary host rock.

Seattle Property

Fig. 4: Sample Location Map

Goldspike Exploration Inc.

McQuesten River area
Mayo Mining District

Legend

- Soil samples
- Rock samples
- Seattle Property

N

1:10,000

0 187.5 375 750 1,125 1,500
Meters

Date: November, 2012
NTS Mapsheet: 115P16
Datum: UTM NAD83 Zone 8

Seattle Property

Fig. 5: Sample Geochemistry
Gold

Goldspike Exploration Inc.

McQuesten River area
Mayo Mining District

Legend

2012 Soil samples

Au (ppb)

- 0.0 - 10.0
- 10.1 - 18.0
- Rock samples (ppb Au)
- Seattle Property

N

1:10,000

0 195 390 780 1,170 1,560
Meters

Date: November, 2012
NTS Mapsheet: 115P16
Datum: UTM NAD83 Zone 8

Seattle Property

Fig. 6: Sample Geochemistry
Silver

Goldspike Exploration Inc.

McQuesten River area
Mayo Mining District

Legend

2011-2012 Soil samples

Ag (ppm)

- 0.100000 - 0.200000
- 0.200001 - 0.400000
- 0.400001 - 0.700000
- 0.700001 - 1.000000
- 1.000001 - 1.900000
- Seattle Property

N

1:10,000

0 195 390 780 1,170 1,560
Meters

Date: November, 2012
NTS Mapsheet: 115P16
Datum: UTM NAD83 Zone 8

Seattle Property

Fig. 7: Sample Geochemistry
Thallium

Goldspike Exploration Inc.

McQuesten River area
Mayo Mining District

Legend

2011-2012 Soil samples

Tl (ppm)

- 0.100000
- 0.100001 - 0.300000
- 0.300001 - 0.500000
- 0.500001 - 1.000000
- 1.000001 - 4.200000
- Seattle Property

N

1:10,000

0 195 390 780 1,170 1,560
Meters

Date: November, 2012
NTS Mapsheet: 115P16
Datum: UTM NAD83 Zone 8

Seattle Property

Fig. 8: Sample Geochemistry
Molybdenum

Goldspike Exploration Inc.

McQuesten River area
Mayo Mining District

Legend

2011-2012 Soil samples

Mo (ppm)

- 0.600000 - 1.000000
- 1.000001 - 3.000000
- 3.000001 - 6.000000
- 6.000001 - 9.000000
- 9.000001 - 18.100000
- Seattle Property

N

1:10,000

0 195 390 780 1,170 1,560
Meters

Date: November, 2012
NTS Mapsheet: 115P16
Datum: UTM NAD83 Zone 8

9.0 CONCLUSIONS AND RECOMMENDATIONS

The Seattle Property is located in a geological setting favourable to gold mineralization. Although little evidence for intrusives has been observed on the property, there is potential for Carlin-style mineralization in the Upper Proterozoic-Lower Cambrian metasedimentary rocks as well as high-grade vein deposits.

Soil sampling from 2011 and 2012 shows a handful of weak gold anomalies on the property. It is not possible to make any conclusions related to gold mineralization at this point. Despite this, a pronounced thallium signature can be seen trending roughly eastwest across the property. It is bounded to the west by a sample line with no anomalies, but open-ended to the east. Silver and molybdenum show similar signatures. This is elemental signature is prospective to Carlin-style mineralization in the property area. Unfortunately, arsenic and antimony (which are heavily present on Goldspike's Goodman Property 4km north) do not have similar signatures.

Rock sampling the outcrops and in hand dug pits did not yield favourable results. Unfortunately outcrop is not present in the area of the thallium trend; however there is more exposure further east of the property.

It is recommended that the area of the trend to the east of the Seattle Property is staked and adequately prospected and soil sampled.

REFERENCES

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Morgan, D (1964): Geochemical Survey “Alice” Group, Peso Silver Mines Ltd., Vancouver, BC.

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Murphy, D. and Heon, D. (1996): Geological map of Seattle Creek map area, western Selwyn Basin, Yukon (115P/16). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Geoscience Map 1996-3, scale 1:50,000.

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Yukon Minfile 115P002 (1995): SEATTLE, Yukon Geological Survey.

STATEMENT OF EXPENDITURES

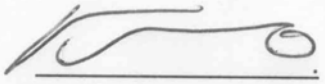
Costs associated with the Seattle Property
Worked June 22nd, 2012

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	$1,852.00
	helicopter fuel		$380.00
	truck fuel		$50.00
	truck rental	150/day	$150.00
ASSAYS	soil sample assay	$18x52 samples	$936.00
	rock sample assay	$24x30 samples	$720.00
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		**$12,238.00**

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

Seattle 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				
1238375	446178	7082443	1155	22-Jun-12	SEA	20-30	c	lt brown		40		60			weathered bedrock	moist	evergreen forest	ridge top
1238376	446178	7082487	1157	22-Jun-12	SEA	30-40	c	lt brown		30		70			weathered bedrock	moist	evergreen forest	mid slope
1238377	446192	7082541	1157	22-Jun-12	SEA	40-50	c	lt brown		5		95			weathered bedrock	moist	evergreen forest	ridge top
1238378	446217	7082627	1152	22-Jun-12	SEA	30-40	c	lt brown		20		80			weathered bedrock	moist	evergreen forest	mid slope
1238379	446227	7082681	1146	22-Jun-12	SEA	20-30	c	lt brown		20		80			weathered bedrock	moist	evergreen forest	mid slope
1238380	446229	7082725	1140	22-Jun-12	SEA	20-30	c	lt brown		20		80			weathered bedrock	moist	evergreen forest	ridge top
1238381	446238	7083077	975	22-Jun-12	SEA	20-30	c	lt brown		10		90			weathered bedrock	dry	evergreen forest	mid slope
1238382	446246	7083278	889	22-Jun-12	SEA	10-20	c	lt grey		20		80			weathered bedrock	dry	evergreen forest	mid slope
1238383	446237	7083321	873	22-Jun-12	SEA	20-30	c	lt grey		20				80	weathered bedrock	dry	evergreen forest	mid slope
1238384	446231	7083389	855	22-Jun-12	SEA	30-40	c	lt brown		10		90			weathered bedrock	moist	evergreen forest	mid slope
1238385	446223	7083449	842	22-Jun-12	SEA	30-40	c	lt brown		5		95			weathered bedrock	moist	evergreen forest	mid slope
1238386	446236	7083481	840	22-Jun-12	SEA	40-50	c	lt brown		10		90			weathered bedrock	moist	evergreen forest	mid slope
1238387	446248	7083560	814	22-Jun-12	SEA	20-30	c	lt brown		40		60			weathered bedrock	moist	evergreen forest	mid slope
1238388	446225	7083638	808	22-Jun-12	SEA	20-30	b/c	black	40	20		40			weathered bedrock	moist	evergreen forest	mid slope
1238389	446240	7083684	802	22-Jun-12	SEA	40-50	c	lt brown		20					weathered bedrock	moist	evergreen forest	mid slope
1238390	446241	7083726	796	22-Jun-12	SEA	30-40	c	lt grey/blk							weathered bedrock	dry	evergreen forest	mid slope
1238391	446250	7083781	784	22-Jun-12	SEA	30-40	c	lt grey		20		80			weathered bedrock	moist	evergreen forest	mid slope
1238392	446256	7083816	775	22-Jun-12	SEA	30-40	c	lt brown		10		90			weathered bedrock	moist	evergreen forest	mid slope
1238393	446219	7083881	764	22-Jun-12	SEA	30-40	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1238394	446216	7083921	752	22-Jun-12	SEA	30-40	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1238395	446208	7083975	740	22-Jun-12	SEA	30-40	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1238396	446224	7084030	722	22-Jun-12	SEA	30-40	c	lt brown		20		80			weathered bedrock	dry	evergreen forest	mid slope
1238397	446264	7084039	719	22-Jun-12	SEA	20-30	b/c	lt brown		30		70			weathered bedrock	partially frozen	evergreen forest	mid slope
1238398	446290	7084103	724	22-Jun-12	SEA	30-40	c	dk grey		10		90			weathered bedrock	moist	evergreen forest	mid slope
1238400	446327	7084129	724	22-Jun-12	SEA	30-40	c	dk grey		10		90			weathered bedrock	saturated	evergreen forest	mid slope
1239901	446355	7084161	719	22-Jun-12	SEA	20-30	b/c	dk grey		20		80			weathered bedrock	partially frozen	evergreen forest	mid slope
1239902	446365	7084210	708	22-Jun-12	SEA	20-30	c	dk grey		10		90			weathered bedrock	partially frozen	evergreen forest	mid slope
1239903	446369	7084399	676	22-Jun-12	SEA	20-30	c	dk grey						100	weathered bedrock	partially frozen	evergreen forest	mid slope
1239904	446368	7084515	662	22-Jun-12	SEA	20-30	b/c	lt brown				50		50	weathered bedrock	partially frozen	evergreen forest	mid slope
1239708	446351	7082311	1179	22-Jun-12	SEA	30-40	c	lt brown						100	weathered bedrock	moist	evergreen forest	ridge top
1239709	446439	7082346	1168	22-Jun-12	SEA	40-50	c	lt brown						100	weathered bedrock	moist	evergreen forest	mid slope
1239710	446533	7082385	1160	22-Jun-12	SEA	30-40	c	lt brown						100	weathered bedrock	moist	evergreen forest	mid slope
1239711	446622	7082425	1155	22-Jun-12	SEA	20-30	b/c	lt brown	5					95	weathered bedrock	dry	evergreen forest	mid slope
1239712	446718	7082468	1146	22-Jun-12	SEA	20-30	c	lt brown						100	weathered bedrock	dry	evergreen forest	mid slope
1239713	446807	7082507	1137	22-Jun-12	SEA	20-30	b/c	lt brown	5					95	weathered bedrock	dry	evergreen forest	mid slope
1239714	446904	7082548	1130	22-Jun-12	SEA	20-30	c	lt brown	5					95	weathered bedrock	moist	evergreen forest	mid slope
1239715	446989	7082599	1128	22-Jun-12	SEA	20-30	c	lt brown	5					95	weathered bedrock	dry	evergreen forest	mid slope
1239716	447065	7082653	1121	22-Jun-12	SEA	10-20	b/c	lt brown	10					90	weathered bedrock	moist	evergreen forest	mid slope
1239717	447150	7082716	1117	22-Jun-12	SEA	20-30	c	lt brown						100	weathered bedrock	dry	evergreen forest	mid slope
1239718	447229	7082774	1115	22-Jun-12	SEA	20-30	c	lt brown						100	weathered bedrock	dry	evergreen forest	mid slope
1239719	447312	7082833	1102	22-Jun-12	SEA	50-60	c	lt brown						100	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				
1239720	447386	7082901	1100	22-Jun-12	SEA	60-70	c	lt grey		20				80	weathered bedrock	dry	evergreen forest	mid slope
1239721	447454	7082974	1084	22-Jun-12	SEA	50-60	c	lt brown						100	weathered bedrock	dry	evergreen forest	mid slope
1239722	447526	7083059	1078	22-Jun-12	SEA	30-40	b/c	lt brown	5					95	weathered bedrock	dry	evergreen forest	mid slope
1239723	447578	7083129	1069	22-Jun-12	SEA	20-30	b/c	lt brown						100	weathered bedrock	dry	evergreen forest	mid slope
1239724	447626	7083226	1049	22-Jun-12	SEA	30-40	b/c	lt brown						100	weathered bedrock	moist	evergreen forest	mid slope
1239725	447749	7083375	1030	22-Jun-12	SEA	40-50	c	lt grey		20				80	weathered bedrock	dry	evergreen forest	mid slope
1239726	447816	7083431	1009	22-Jun-12	SEA	50-60	c	lt brown						100	weathered bedrock	dry	evergreen forest	mid slope
1239727	447899	7083505	982	22-Jun-12	SEA	40-50	b/c	dk grey						100	weathered bedrock	moist	evergreen forest	mid slope
1239728	448047	7083637	949	22-Jun-12	SEA	30-40	c	lt brown						100	weathered bedrock	dry	evergreen forest	mid slope
1239729	448118	7083701	946	22-Jun-12	SEA	30-40	c	lt brown						100	weathered bedrock	dry	evergreen forest	mid slope
1239730	448258	7083841	889	22-Jun-12	SEA	70-80	b/c	lt brown						100	weathered bedrock	saturated	evergreen forest	mid slope
1239731	448331	7083912	846	22-Jun-12	SEA	50-60	c	lt brown		10				90	weathered bedrock	partially frozen	deciduous forest	mid slope
1239732	448373	7083997	806	22-Jun-12	SEA	50-60	b/c	lt brown		10				90	weathered bedrock	wet	evergreen forest	mid slope
1239733	448359	7084295	680	22-Jun-12	SEA	50-60	c	lt brown	10	10		80			weathered bedrock	dry	deciduous forest	valley bottom
1240101	446308	7082284	1179	22-Jun-12	SEA	10-20	b	dk brown	60					40	talus	moist	evergreen forest	mid slope
1240102	446398	7082318	1170	22-Jun-12	SEA	20-30	b	dk brown	50					50	talus	moist	evergreen forest	mid slope
1240103	446488	7082362	1163	22-Jun-12	SEA	20-30	b/c	dk brown	30					70	talus	moist	evergreen forest	mid slope
1240104	446589	7082403	1154	22-Jun-12	SEA	20-30	b	dk	30					70	talus	moist	evergreen forest	mid slope
1240105	446669	7082449	1146	22-Jun-12	SEA	20-30	b	dk grey	30					70	talus	moist	evergreen forest	mid slope
1240106	446848	7082531	1128	22-Jun-12	SEA	30-40	c	dk brown	5					95	weathered bedrock	moist	evergreen forest	mid slope
1240107	446943	7082568	1121	22-Jun-12	SEA	40-50	c	dk brown						100	weathered bedrock	moist	evergreen forest	mid slope
1240108	447028	7082627	1117	22-Jun-12	SEA	30-40	c	lt brown						100	weathered bedrock	moist	evergreen forest	mid slope
1240109	447114	7082692	1116	22-Jun-12	SEA	40-50	c	lt brown		10				90	weathered bedrock	moist	evergreen forest	mid slope
1240110	447188	7082738	1114	22-Jun-12	SEA	30-40	c	lt brown		10				90	weathered bedrock	moist	evergreen forest	mid slope
1240111	447270	7082806	1108	22-Jun-12	SEA	30-40	c	lt brown	5	10				85	weathered bedrock	moist	evergreen forest	mid slope
1240112	447345	7082861	1098	22-Jun-12	SEA	30-40	c	lt brown						100	weathered bedrock	moist	evergreen forest	mid slope
1240113	447418	7082931	1087	22-Jun-12	SEA	30-40	c	lt brown		10				90	weathered bedrock	moist	evergreen forest	mid slope
1240114	447481	7083008	1080	22-Jun-12	SEA	20-30	b/c	lt brown	15	10				75	talus	moist	evergreen forest	mid slope
1240115	447548	7083085	1072	22-Jun-12	SEA	30-40	c	lt brown	5	10				85	talus	moist	evergreen forest	mid slope
1240116	447599	7083179	1055	22-Jun-12	SEA	30-40	b/c	dk brown		20				80	weathered bedrock	moist	evergreen forest	mid slope
1240117	447645	7083258	1037	22-Jun-12	SEA	40-50	c	dk grey		20				80	weathered bedrock	moist	evergreen forest	mid slope
1240118	447781	7083398	1016	22-Jun-12	SEA	40-50	c	lt brown		10				90	weathered bedrock	moist	evergreen forest	mid slope
1240119	447857	7083467	986	22-Jun-12	SEA	30-40	c	dk brown		10				90	weathered bedrock	moist	evergreen forest	mid slope
1240120	447946	7083543	961	22-Jun-12	SEA	30-40	c	dk brown		10				90	weathered bedrock	moist	evergreen forest	mid slope
1240121	448016	7083607	945	22-Jun-12	SEA	30-40	b/c	lt brown		20				80	weathered bedrock	moist	evergreen forest	mid slope
1240122	448087	7083675	939	22-Jun-12	SEA	30-40	c	lt brown						100	weathered bedrock	moist	evergreen forest	mid slope
1240123	448151	7083733	926	22-Jun-12	SEA	20-30	c	dk brown		10				90	weathered bedrock	wet	evergreen forest	mid slope
1240124	448242	7083813	897	22-Jun-12	SEA	20-30	b	dk brown	50					50	talus	moist	evergreen forest	mid slope
1240125	448308	7083881	853	22-Jun-12	SEA	10-20	b	dk brown	70					30	talus	partially frozen	evergreen forest	mid slope
1240126	448370	7084040	767	22-Jun-12	SEA	30-40	a/b	dk brown	80					20	loess	frozen	evergreen forest	mid slope
1240127	448353	7084257	670	22-Jun-12	SEA	30-40	a/b	dk brown	99					1	loess	frozen	evergreen forest	valley bottom
1239369	445847	7083070	1064	22-Jun-12	SEA	40-50	b/c	dk brown				40	30	30	weathered bedrock	partially frozen	evergreen forest	mid slope
1239370	445850	7083113	1048	22-Jun-12	SEA	50-60	b/c	dk brown	10			30	30	30	weathered bedrock	partially frozen	evergreen forest	mid slope
1239371	445854	7083165	1028	22-Jun-12	SEA	20-30	a/b	dk brown	30			20	20	30	weathered bedrock	moist	evergreen forest	mid slope
1239372	445849	7083218	1001	22-Jun-12	SEA	30-40	a/b	dk brown	30			20	20	30	weathered bedrock	partially frozen	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				
1239373	445849	7083266	977	22-Jun-12	SEA	60-70	a/b	dk brown	30			20	20	30	weathered bedrock	partially frozen	evergreen forest	mid slope
1239374	445838	7083368	938	22-Jun-12	SEA	50-60	b	olive grey	10			30	30	30	weathered bedrock	partially frozen	evergreen forest	mid slope
1239375	445838	7083416	921	22-Jun-12	SEA	20-30	b		10	10		20	30	30	weathered bedrock	wet	evergreen forest	mid slope
1239376	445836	7083466	908	22-Jun-12	SEA	20-30	b	dk grey	20			20	30	30	weathered bedrock	frozen	evergreen forest	mid slope
1239377	445837	7083565	882	22-Jun-12	SEA	50-60	b/c	dk brown				30	40	30	weathered bedrock	frozen	evergreen forest	mid slope
1239378	445836	7083613	872	22-Jun-12	SEA	70-80	b/c	dk brown				30	40	30	weathered bedrock	frozen	evergreen forest	mid slope
1239379	445836	7083669	856	22-Jun-12	SEA	50-60	b/c	dk brown				30	40	30	weathered bedrock	frozen	evergreen forest	mid slope
1239380	445837	7083720	845	22-Jun-12	SEA	50-60	b/c	dk brown				30	30	40	weathered bedrock	frozen	evergreen forest	mid slope
1239381	445837	7083769	836	22-Jun-12	SEA	50-60	b/c	dk brown				30	40	30	weathered bedrock	frozen	evergreen forest	mid slope
1239382	445833	7083819	829	22-Jun-12	SEA	40-50	b	dk brown				30	40	30	weathered bedrock	frozen	evergreen forest	mid slope
1239383	445847	7083866	822	22-Jun-12	SEA	30-40	b	dk brown	10			30	30	30	weathered bedrock	partially frozen	evergreen forest	mid slope
1239384	445852	7083918	810	22-Jun-12	SEA	30-40	a/b	dk brown	30			20	20	30	weathered bedrock	frozen	evergreen forest	mid slope
1239385	445857	7084064	764	22-Jun-12	SEA	20-30	a/b	dk brown	20			20	30	30	weathered bedrock	frozen	evergreen forest	mid slope
1239386	445864	7084113	749	22-Jun-12	SEA	20-30	a/b	dk brown	30			20	20	30	weathered bedrock	frozen	evergreen forest	mid slope
1239387	445862	7084166	732	22-Jun-12	SEA	20-30	b	dk brown	20			20	30	30	weathered bedrock	frozen	evergreen forest	mid slope
1239388	445863	7084216	721	22-Jun-12	SEA	40-50	b	dk brown	10			30	30	30	weathered bedrock	frozen	evergreen forest	mid slope
1238071	446604	7082647	1130	22-Jun-12	SEA	30-40	c	yel/orange				30	30	40	weathered bedrock	moist	buck brush	ridge top
1238072	446602	7082680		22-Jun-12	SEA	30-40	c	yel/orange				20	50	30	weathered bedrock	moist	buck brush	ridge top
1238073	446601	7082725	1124	22-Jun-12	SEA	30-40	c	yel/orange				40	40	20	weathered bedrock	moist	buck brush	ridge top
1238074	446609	7082788	1114	22-Jun-12	SEA	30-40	c	yel/orange				30		70	weathered bedrock	moist	buck brush	ridge top
1238075	446596	7082924	1068	22-Jun-12	SEA	30-40	c	olive grey				30		70	weathered bedrock	moist	buck brush	ridge top
1238076	446588	7082982	1050	22-Jun-12	SEA	30-40	c	olive grey				30		70	weathered bedrock	moist	buck brush	ridge top
1238077	446582	7083026	1041	22-Jun-12	SEA	30-40	c	yel/orange				30		70	weathered bedrock	moist	buck brush	ridge top
1238078	446572	7083070		22-Jun-12	SEA	40-50	c	yel/orange				40		60	weathered bedrock	moist	buck brush	ridge top
1238079	446572	7083130	1022	22-Jun-12	SEA	40-50	c	olive grey			20	40		40	weathered bedrock	moist	buck brush	ridge top
1238080	446579	7083172	1014	22-Jun-12	SEA	30-40	c	olive grey					40	60	weathered bedrock	moist	buck brush	ridge top
1238141	446569	7083224	997	22-Jun-12	SEA	30-40	c	yel/orange	30			30		40	weathered bedrock	moist	buck brush	ridge top
1238142	446594	7083273	974	22-Jun-12	SEA	30-40	c	olive grey	30	30			40		weathered bedrock	moist	buck brush	ridge top
1238143	446603	7083330	953	22-Jun-12	SEA		c	yel/orange							weathered bedrock	moist	buck brush	ridge top
1238144	446672	7083623		22-Jun-12	SEA	30-40	c	olive grey					30	70	weathered bedrock	moist	buck brush	ridge top
1238145	446618	7083423		22-Jun-12	SEA	40-50	c	green/grey				30	70		weathered bedrock	dry	buck brush	ridge top
1238146	446620	7083471	909	22-Jun-12	SEA	40-50	c	yel/orange				30	70		weathered bedrock	dry	buck brush	ridge top
1238147	446632	7083524	903	22-Jun-12	SEA	40-50	c	yel/orange				70	30		weathered bedrock	dry	buck brush	ridge top
1238148	446647	7083568	899	22-Jun-12	SEA	50-60	c	yel/orange				30	70		weathered bedrock	dry	buck brush	ridge top
1238149	446672	7083621	895	22-Jun-12	SEA	30-40	c	olive grey				70	30		weathered bedrock	dry	buck brush	ridge top
1238150	446687	7083662	894	22-Jun-12	SEA	30-40	c	yel/orange				20		80	weathered bedrock	moist	buck brush	ridge top
1238151	446709	7083753	898	22-Jun-12	SEA	30-40	c	olive grey		20		30	50		weathered bedrock	dry	evergreen forest	ridge top
1238152	446734	7083806	901	22-Jun-12	SEA	30-40	c	olive grey				70	30		weathered bedrock	dry	evergreen forest	ridge top
1238153	446778	7083828	898	22-Jun-12	SEA	40-50	c	yel/orange	10		20		70		weathered bedrock	dry	evergreen forest	ridge top
1238154	446811	7083855	886	22-Jun-12	SEA	30-40	c	yel/orange	20	20			60		weathered bedrock	dry	evergreen forest	ridge top
1238155	446857	7083894	865	22-Jun-12	SEA	30-40	c	olive grey				20	80		weathered bedrock	dry	evergreen forest	ridge top
1238156	446903	7083922	848	22-Jun-12	SEA	40-50	c	yel/orange				30	70		weathered bedrock	dry	evergreen forest	ridge top
1238157	446929	7083956	830	22-Jun-12	SEA	30-40	c	olive grey	20				80		weathered bedrock	dry	evergreen forest	ridge top
1238158	446911	7084488	651	22-Jun-12	SEA	40-50	c	olive grey					30	70	weathered bedrock	saturated	evergreen forest	valley bottom
1238159	446905	7084544	643	22-Jun-12	SEA	30-40	c	olive grey	10					90	weathered bedrock	saturated	evergreen forest	valley bottom

Appendix II: Rock Sample Descriptions

Seattle Property Sample Descriptions

UTM NAD 83 Zone 8

ROCK SAMPLES

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Rock Source	Description
1206628	445631	7083093	1065	22-Jun-12	SEA	talus	quartz/quartzite with mineralization (arsenopyrite, bornite)
1206629	445611	7083382	980	22-Jun-12	SEA	talus	quartz/quartzite with mineralization, bornite.
1206630	445602	7083434	964	22-Jun-12	SEA	talus	oxidized quartzite with quartz
1206631	445611	7083500	934	22-Jun-12	SEA	talus	oxidized quartzite with quartz
1206632	445602	7083627	897	22-Jun-12	SEA	talus	oxidized quartzite with quartz
1206633	445249	7083412	886	22-Jun-12	SEA	talus	oxidized quartzite with quartz veining
1206634	444683	7083412	902	22-Jun-12	SEA	outcrop	Quartzite schist. Strike 130/6-SW. Xxidized.
1206635	444658	7083616	879	22-Jun-12	SEA	subcrop	Quartzite schist. Remnant sulphides
1206636	444682	7083731	833	22-Jun-12	SEA	float	oxidized quartzite with quartz
1206637	444748	7083892	680	22-Jun-12	SEA	float	oxidized quartzite with quartz
1206638	444861	7084326	680	22-Jun-12	SEA	float	oxidized quartz/quartzite found in boulder.
1205865	445848	7082699	1154	22-Jun-12	SEA	float	quartzite with muscovite/biotite, minimal oxidation, accessory malachite?
1205866	445826	7083056	1074	22-Jun-12	SEA	subcrop	quartzite with vein quartz and minor muscovite, oxidized
1205867	445857	7083200	1009	22-Jun-12	SEA	outcrop	rusty quartzite cut by fresh, sulfide bearing vein quartz
1205868	445812	7083264	986	22-Jun-12	SEA	outcrop	quartzite with vein quartz, muscovite porphyroblasts, oxidized especially in pits
1205869	445834	7083820	831	22-Jun-12	SEA	float	muscovite-chlorite schist with localized oxidation
1206061	445136	7082466	1110	22-Jun-12	SEA	outcrop	quartz vein, highly altered and oxidized, foliated quartzite host rock
1206062	445060	7082426	1114	22-Jun-12	SEA	outcrop	quartz veining, 5-50cm, oxidized, muscovite foliations
1206063	444892	7082715	1057	22-Jun-12	SEA	outcrop	quartz, very oxidized, cubic mineralization, possibly hematite and pyrite, outcrop: 044/20/SE
1206064	444901	7082746	1041	22-Jun-12	SEA	outcrop	quartz, looks similar to 1206063, highly oxidized
1206065	444785	7082910	998	22-Jun-12	SEA	outcrop	quartz, same as 1206063, pyrite, oxidized and cubic, outcrop: 078/18/S
1206066	444723	7083000	975	22-Jun-12	SEA	outcrop	quartz with pyrite in quartzite host rock, same as 1206063, 1206065
1206067	444675	7083121	958	22-Jun-12	SEA	outcrop	quartz with pyrite cubes, same type as 1206065
1206068	444624	7083555	890	22-Jun-12	SEA	outcrop	quartzite/gneiss with blue-white alternating bands, quartz veins approx 4-8cm, oxidized
1206069	444666	7083656	867	22-Jun-12	SEA	outcrop	quartz/quartzite, foliated, crenulated, oxidized, alternating veins and foliations
1206070	444774	7083861	780	22-Jun-12	SEA	float	quartz pebbles, quartzite pebbles, also found rocks in pit, probably till, permafrost at 25cm

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Property	Rock Source	Description
1205666	446373	7081998	1171	22-Jun-12	SEA	talus	large boulders of recrystallized quartz, very hard, rusty, host is grey quartzite
1205667	446414	7082247	1171	22-Jun-12	SEA	talus	meter boulder of dark grey, moderately foliated slate? Quartzite? With 2cm quartz veinlet carrying rusty remnant sulphide vugs
1205668	446642	7082116	1162	22-Jun-12	SEA	outcrop	quartz-quartzite breccia, very oxidized with metallics fracture filling, MnO, lathe-lke texture to mineralization.
1205669	446975	7082459	1114	22-Jun-12	SEA	outcrop	quartzite outcrop. Sample is mostly quartz vein material talus from on outcrop, not quite in situ. Remnant sulphides. 070/30/S
1205670	447089	7082785	1100	22-Jun-12	SEA	talus	quartz talus with chlorite schist within. Some fresh pyrite with the chlorite in quartz
1205671	446840	7082899		22-Jun-12	SEA	outcrop	quartzite with small quartz veins, striking about 70 degrees, dipping south
1205672	446708	7083797	895	22-Jun-12	SEA	outcrop	brown-tan oxidized quartzite, moderate foliation.
1205824	446272	7082021	1188	22-Jun-12	SEA	float	quartz with some rust stains
1205825	446536	7082149	1159	22-Jun-12	SEA	float	gray brecciated quartzite with druze quartz
1205826	446802	7082389	1136	22-Jun-12	SEA	float	quartz with black stains and cavities
1205827	446885	7082452	1137	22-Jun-12	SEA	outcrop	calc siliciate with bournite and silver colored sulphides
1205828	446886	7082461	1129	22-Jun-12	SEA	float	quartzite with galena
1205829	447122	7082833	1080	22-Jun-12	SEA	float	metasediments with veins of quartz
1205830	447186	7082811	1102	22-Jun-12	SEA	float	quartzite with black manganese stains
1205831	447047	7083862	794	22-Jun-12	SEA	float	quartz with small cavities
1205832	447181	7084086	725	22-Jun-12	SEA	outcrop	slate/recrystalized schist, gray in color with abundant small dissemiated sulphides

Appendix III: Soil Sample Assay Certificates

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

www.acmelab.com

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

Submitted By: Bruce Durham
Receiving Lab: Canada-Dawson City
Received: June 28, 2012
Report Date: July 11, 2012
Page: 1 of 6

CERTIFICATE OF ANALYSIS DAW12000067.1

CLIENT JOB INFORMATION

Project: SEA
Shipment ID: SEA Soils 1
P.O. Number
Number of Samples: 132

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	131	Dry at 60C			DAW
SS80	131	Dry at 60C sieve 100g to -80 mesh			DAW
RJSV	131	Saving all or part of Soil Reject			DAW
1DX2	131	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
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56th Floor - 100 King Street West
Toronto ON M5X 1C9 Canada

Project: SEA
Report Date: July 11, 2012

CERTIFICATE OF ANALYSIS DAW12000067.1

		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
1238375	Soil		1.1	17.0	6.9	47	<0.1	16.8	5.1	186	2.04	7.8	5.9	2.3	11	0.1	0.6	0.2	32	0.11	0.037	15
1238376	Soil		1.1	21.1	8.6	55	0.1	20.2	6.4	261	2.19	9.0	3.2	1.6	13	0.1	0.7	0.1	34	0.15	0.051	15
1238377	Soil		0.9	14.3	8.0	44	0.1	14.0	4.7	172	1.95	8.1	10.6	0.5	9	0.2	0.5	0.1	29	0.11	0.086	13
1238378	Soil		1.2	16.7	8.4	43	<0.1	15.2	6.2	230	2.18	10.4	3.5	2.2	7	<0.1	0.6	0.2	35	0.08	0.040	12
1238379	Soil		1.1	17.1	6.9	36	<0.1	13.5	4.0	152	1.72	7.7	3.9	1.6	9	<0.1	0.6	0.2	29	0.08	0.031	15
1238380	Soil		1.1	15.5	8.3	39	<0.1	13.9	3.9	135	1.87	9.2	6.6	1.5	8	<0.1	0.9	0.2	34	0.07	0.027	13
1238381	Soil		1.3	76.1	4.6	38	0.4	15.2	3.1	111	2.03	10.9	2.7	2.8	7	0.2	0.3	0.1	106	0.07	0.035	12
1238382	Soil		3.2	51.2	12.9	51	0.2	18.5	5.9	408	2.81	10.0	1.9	3.3	10	0.1	0.5	0.3	46	0.05	0.036	16
1238383	Soil		6.0	252.5	14.8	126	1.3	23.1	7.4	293	6.41	1.9	1.0	5.9	39	0.2	0.3	0.8	135	0.26	0.157	20
1238384	Soil		1.8	36.9	10.0	68	0.2	23.7	8.6	320	2.78	9.6	2.9	3.6	13	0.1	0.7	0.2	53	0.13	0.037	14
1238385	Soil		2.3	30.1	10.9	63	0.1	22.6	7.8	266	2.90	10.6	16.4	5.0	14	0.1	0.6	0.2	52	0.10	0.034	15
1238386	Soil		2.3	37.6	10.5	78	0.2	26.0	8.7	300	2.57	8.5	3.1	4.3	16	0.1	0.5	0.2	56	0.17	0.047	17
1238387	Soil		7.5	91.9	11.8	141	0.5	45.6	12.9	372	3.53	7.6	3.6	3.5	38	1.1	0.4	0.4	113	0.27	0.115	16
1238388	Soil		18.1	70.4	8.3	240	1.6	99.7	17.5	214	3.84	5.7	1.5	4.5	17	1.2	0.4	0.4	176	0.07	0.095	17
1238389	Soil		3.4	33.0	8.9	72	0.2	24.0	6.9	280	2.39	8.3	2.7	4.4	23	0.2	0.5	0.2	56	0.19	0.054	16
1238390	Soil		2.7	43.2	11.1	68	0.3	27.1	8.4	322	2.73	10.9	3.2	4.6	23	0.2	0.7	0.2	58	0.18	0.037	16
1238391	Soil		6.6	59.0	12.9	147	0.4	41.0	10.0	511	3.25	5.9	0.7	3.3	28	0.9	0.5	0.5	82	0.37	0.123	17
1238392	Soil		6.3	58.2	14.1	143	0.2	41.0	11.2	432	3.23	8.4	1.9	4.4	30	0.6	0.5	0.4	64	0.19	0.087	18
1238393	Soil		5.2	56.0	11.6	107	0.4	38.1	9.6	411	2.89	9.5	3.4	4.8	35	0.5	0.7	0.3	57	0.33	0.080	15
1238394	Soil		3.3	40.4	10.9	81	0.1	29.7	7.8	261	2.75	9.6	1.9	3.8	16	0.3	0.6	0.2	62	0.15	0.043	13
1238395	Soil		4.7	53.1	17.4	101	0.3	29.5	6.5	262	2.94	9.3	0.7	3.6	22	0.5	0.5	0.5	82	0.15	0.063	15
1238396	Soil		8.3	75.8	13.1	146	0.2	38.7	18.9	1065	4.52	13.9	2.6	2.3	20	0.7	0.6	0.7	87	0.07	0.081	17
1238397	Soil		7.0	41.9	9.7	104	0.7	27.5	6.1	298	2.45	7.7	1.5	3.8	48	0.6	0.5	0.3	53	0.44	0.095	13
1238398	Soil		4.5	51.8	11.7	132	0.6	40.1	7.4	397	2.71	16.9	3.1	4.5	38	1.0	0.7	0.4	69	0.37	0.087	14
1238399	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.
1238400	Soil		4.2	44.5	9.2	108	0.5	35.0	7.3	360	2.38	13.9	3.6	4.2	34	0.6	0.6	0.3	69	0.40	0.077	14
1239901	Soil		5.2	38.5	9.6	97	0.5	28.8	6.0	275	2.23	11.9	3.2	3.9	28	0.8	0.6	0.3	54	0.29	0.074	13
1239902	Soil		5.5	39.2	10.5	91	0.5	27.7	9.5	444	2.52	10.7	2.5	3.6	23	0.3	0.6	0.3	61	0.26	0.072	14
1239903	Soil		2.9	14.6	7.0	50	0.1	15.1	3.7	96	1.85	9.2	5.1	2.8	15	0.2	0.3	0.2	36	0.21	0.071	12
1239904	Soil		8.4	38.5	12.5	95	0.5	25.1	13.0	966	3.37	8.2	2.1	2.7	36	0.4	0.6	0.4	64	0.36	0.091	14

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www.acmelab.com

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

Project: SEA
Report Date: July 11, 2012

CERTIFICATE OF ANALYSIS DAW12000067.1

		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
1238375	Soil		20	0.36	130	0.023	<1	1.06	0.005	0.03	0.2	0.03	2.3	0.1	<0.05	4	<0.5	<1	<0.2
1238376	Soil		20	0.38	343	0.020	<1	1.07	0.005	0.03	0.2	0.04	2.5	0.1	<0.05	4	<0.5	2	<0.2
1238377	Soil		18	0.30	144	0.011	<1	1.10	0.004	0.03	0.2	0.05	1.0	0.1	<0.05	4	<0.5	<1	<0.2
1238378	Soil		21	0.31	101	0.017	<1	1.27	0.004	0.04	0.2	0.04	2.4	0.2	<0.05	4	<0.5	2	<0.2
1238379	Soil		18	0.29	104	0.016	<1	1.00	0.004	0.03	0.2	0.04	1.8	0.3	<0.05	4	<0.5	<1	<0.2
1238380	Soil		20	0.31	81	0.021	<1	1.15	0.004	0.03	0.2	0.05	1.8	0.6	<0.05	4	<0.5	2	<0.2
1238381	Soil		32	0.15	80	0.007	<1	0.56	0.002	0.03	0.7	0.02	26.3	0.5	<0.05	3	<0.5	1	<0.2
1238382	Soil		18	0.36	315	0.022	<1	1.05	0.004	0.04	0.2	0.01	1.8	0.4	<0.05	7	<0.5	6	<0.2
1238383	Soil		32	0.44	398	0.015	<1	1.42	0.028	0.18	0.5	0.01	17.0	4.2	0.35	6	4.0	3	<0.2
1238384	Soil		32	0.52	194	0.037	1	1.60	0.010	0.06	0.2	0.05	4.7	0.8	<0.05	5	0.7	2	<0.2
1238385	Soil		33	0.51	151	0.028	<1	1.68	0.011	0.07	0.2	0.03	4.8	0.9	0.06	5	1.0	<1	<0.2
1238386	Soil		32	0.53	283	0.030	<1	1.49	0.011	0.05	0.2	0.05	5.7	0.6	<0.05	5	0.8	2	<0.2
1238387	Soil		65	1.06	323	0.093	<1	2.34	0.032	0.22	0.3	0.02	6.7	0.9	0.08	9	1.5	3	<0.2
1238388	Soil		64	0.48	104	0.022	<1	2.26	0.017	0.09	0.2	0.03	6.4	2.1	0.11	7	1.9	2	<0.2
1238389	Soil		34	0.57	183	0.041	<1	1.45	0.013	0.06	0.2	0.03	4.4	0.3	<0.05	5	0.8	<1	<0.2
1238390	Soil		32	0.54	374	0.039	1	1.70	0.026	0.06	0.2	0.05	5.7	0.2	<0.05	5	1.0	2	<0.2
1238391	Soil		49	0.75	156	0.046	<1	1.52	0.029	0.07	0.6	0.02	5.2	1.0	0.10	6	2.5	2	<0.2
1238392	Soil		38	0.68	161	0.037	<1	1.75	0.027	0.09	0.4	0.01	3.7	0.4	0.09	6	2.3	1	<0.2
1238393	Soil		34	0.58	303	0.037	1	1.52	0.022	0.08	0.4	0.04	4.5	0.3	<0.05	5	1.4	1	<0.2
1238394	Soil		35	0.59	130	0.046	<1	1.97	0.014	0.05	0.3	0.02	3.3	0.2	<0.05	5	0.8	2	<0.2
1238395	Soil		40	0.59	168	0.054	<1	1.71	0.018	0.06	0.5	0.02	4.1	0.8	0.08	7	1.1	2	<0.2
1238396	Soil		41	0.47	182	0.048	<1	1.66	0.009	0.08	0.6	0.02	4.4	2.2	<0.05	7	1.6	4	<0.2
1238397	Soil		31	0.57	186	0.028	<1	1.33	0.046	0.09	0.4	0.02	3.1	0.3	0.12	4	2.9	1	<0.2
1238398	Soil		39	0.62	292	0.040	2	1.55	0.037	0.18	0.5	0.02	4.6	0.4	0.07	5	1.8	2	<0.2
1238399	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.
1238400	Soil		39	0.63	260	0.040	1	1.54	0.043	0.13	0.5	0.04	4.6	0.4	0.05	5	1.5	<1	<0.2
1239901	Soil		29	0.48	176	0.030	1	1.19	0.031	0.10	0.5	0.03	3.1	0.4	0.06	4	1.9	1	<0.2
1239902	Soil		35	0.52	282	0.027	1	1.57	0.016	0.09	0.4	0.04	3.9	0.4	0.05	5	1.8	1	<0.2
1239903	Soil		17	0.29	116	0.021	<1	0.85	0.008	0.04	0.4	0.03	1.9	0.1	<0.05	3	0.8	<1	<0.2
1239904	Soil		34	0.59	267	0.023	<1	1.53	0.023	0.06	0.3	0.05	3.4	0.3	<0.05	5	2.3	<1	<0.2

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Toronto ON M5X 1C9 Canada

Project: SEA
Report Date: July 11, 2012

CERTIFICATE OF ANALYSIS DAW12000067.1

	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
1239708	Soil	1.2	24.9	9.5	64	<0.1	25.4	9.3	338	2.59	11.8	3.4	4.1	12	0.2	0.8	0.2	52	0.12	0.040	18
1239709	Soil	1.2	35.0	9.8	58	0.1	22.8	7.9	319	2.51	15.5	4.6	1.9	17	0.2	0.7	0.2	52	0.21	0.059	14
1239710	Soil	1.0	14.2	11.3	42	<0.1	15.6	5.4	193	2.53	10.3	4.6	3.1	8	0.1	0.5	0.2	55	0.09	0.041	16
1239711	Soil	0.9	14.5	9.2	39	<0.1	15.3	5.2	151	2.43	9.6	3.9	2.1	8	<0.1	0.5	0.2	47	0.08	0.038	14
1239712	Soil	1.1	10.9	11.6	44	<0.1	12.5	4.2	147	2.59	20.9	5.1	3.7	9	<0.1	0.5	0.2	62	0.10	0.063	14
1239713	Soil	1.0	15.3	8.4	47	<0.1	16.8	5.4	190	2.27	9.6	3.4	2.2	9	0.1	0.6	0.1	50	0.10	0.041	14
1239714	Soil	1.0	16.6	9.1	43	<0.1	17.3	5.8	176	2.43	10.8	3.8	2.5	7	<0.1	0.6	0.1	45	0.07	0.038	13
1239715	Soil	1.2	22.0	9.7	46	<0.1	21.0	7.0	200	2.09	9.7	8.7	3.1	7	0.1	0.7	0.1	32	0.07	0.023	13
1239716	Soil	1.7	51.7	13.5	91	<0.1	35.3	12.5	769	3.02	7.4	4.9	4.6	11	0.2	0.6	0.2	43	0.08	0.032	23
1239717	Soil	1.7	32.0	10.6	46	<0.1	17.4	5.0	203	2.78	8.5	2.6	3.4	7	<0.1	0.5	0.3	44	0.06	0.025	15
1239718	Soil	2.5	166.5	16.6	106	0.2	47.7	12.0	570	3.38	6.5	1.6	6.7	6	0.3	0.6	0.4	34	0.02	0.037	27
1239719	Soil	1.8	42.8	10.1	65	<0.1	25.5	9.2	431	2.66	10.3	2.8	4.1	11	0.1	0.8	0.2	39	0.11	0.038	18
1239720	Soil	1.9	34.7	9.8	102	0.1	39.0	10.3	536	4.28	2.8	1.8	8.3	50	0.1	0.2	0.2	103	0.61	0.088	24
1239721	Soil	2.5	23.3	11.6	57	0.2	24.9	9.3	333	2.88	10.8	2.9	3.1	10	<0.1	0.6	0.2	39	0.14	0.058	19
1239722	Soil	1.4	12.7	9.5	38	<0.1	12.4	4.3	134	2.25	8.9	4.4	2.9	8	0.1	0.4	0.2	70	0.08	0.020	13
1239723	Soil	5.6	48.7	11.3	61	0.1	28.9	8.5	240	3.36	7.3	2.9	4.6	19	0.1	0.6	0.4	51	0.12	0.033	18
1239724	Soil	3.1	30.7	35.4	171	0.4	30.0	8.0	401	2.69	8.8	2.0	1.2	13	0.6	0.6	0.3	44	0.28	0.086	23
1239725	Soil	10.9	75.3	9.7	195	0.6	70.2	11.8	475	3.30	4.3	1.2	4.4	51	1.6	0.5	0.1	180	0.28	0.064	18
1239726	Soil	1.2	37.1	10.3	73	<0.1	27.1	8.9	260	2.81	9.5	8.6	5.3	10	0.2	0.8	0.2	50	0.11	0.019	15
1239727	Soil	3.3	31.4	9.2	109	0.3	32.5	7.8	283	2.75	7.3	2.0	3.9	21	0.4	0.8	0.2	74	0.33	0.081	16
1239728	Soil	1.5	49.2	11.7	81	1.1	30.0	15.0	228	3.22	8.9	2.7	3.5	10	0.4	0.6	0.2	84	0.13	0.019	11
1239729	Soil	2.3	39.9	8.1	88	0.2	42.4	14.2	732	3.62	3.9	0.7	6.0	40	0.2	0.3	0.2	82	0.76	0.150	16
1239730	Soil	3.1	86.2	6.9	109	0.6	32.5	7.7	224	2.41	3.2	2.2	3.0	21	0.7	0.3	0.3	79	0.36	0.084	15
1239731	Soil	5.4	48.3	14.1	136	1.0	37.3	9.4	236	2.85	4.2	2.8	2.4	29	0.5	0.3	0.2	104	0.36	0.076	12
1239732	Soil	9.4	77.8	11.2	188	1.2	70.9	17.0	630	3.08	4.2	1.6	2.8	60	3.0	0.5	0.2	150	0.76	0.091	10
1239733	Soil	8.6	35.1	9.7	115	0.2	36.4	11.4	535	3.73	9.5	1.8	3.5	30	0.6	0.7	0.2	83	0.59	0.077	13
1240101	Soil	0.7	7.6	11.0	16	<0.1	6.2	1.4	41	1.06	3.9	0.9	0.1	7	<0.1	0.3	0.1	32	0.05	0.094	14
1240102	Soil	0.9	24.5	14.7	25	0.1	12.8	2.6	69	1.36	8.5	2.3	0.1	9	0.4	0.3	0.2	30	0.07	0.082	13
1240103	Soil	0.9	19.2	9.0	48	<0.1	18.6	5.7	195	2.19	9.3	3.4	0.5	10	0.2	0.5	0.1	38	0.12	0.073	13
1240104	Soil	0.7	8.9	11.3	24	<0.1	9.0	2.2	74	1.72	6.7	3.3	0.2	8	<0.1	0.4	0.1	41	0.07	0.086	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: SEA
Report Date: July 11, 2012

CERTIFICATE OF ANALYSIS DAW12000067.1

	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
1239708	Soil	27	0.48	224	0.038	<1	1.52	0.008	0.05	0.2	0.05	4.2	0.4	<0.05	5	<0.5	1	<0.2
1239709	Soil	26	0.42	206	0.026	<1	1.34	0.008	0.04	0.2	0.04	3.6	0.3	<0.05	4	0.5	1	<0.2
1239710	Soil	25	0.34	124	0.028	<1	1.36	0.005	0.03	0.2	0.04	2.9	0.2	<0.05	5	0.5	2	<0.2
1239711	Soil	23	0.32	105	0.025	<1	1.22	0.004	0.04	0.2	0.03	2.4	0.1	<0.05	5	<0.5	1	<0.2
1239712	Soil	31	0.36	113	0.029	<1	1.58	0.005	0.04	0.3	0.04	3.5	0.3	<0.05	6	0.6	1	<0.2
1239713	Soil	25	0.38	117	0.031	<1	1.38	0.005	0.03	0.2	0.03	2.7	0.1	<0.05	5	<0.5	<1	<0.2
1239714	Soil	24	0.36	117	0.024	<1	1.37	0.004	0.03	0.2	0.04	2.8	0.1	<0.05	4	0.5	<1	<0.2
1239715	Soil	22	0.33	94	0.027	1	1.20	0.005	0.03	0.2	0.04	2.2	<0.1	<0.05	3	<0.5	1	<0.2
1239716	Soil	28	0.59	382	0.026	1	1.63	0.005	0.05	0.2	0.05	3.8	0.2	<0.05	5	<0.5	<1	<0.2
1239717	Soil	27	0.42	214	0.019	<1	1.47	0.004	0.04	0.2	0.03	2.5	0.2	<0.05	6	<0.5	1	<0.2
1239718	Soil	22	0.37	218	0.015	<1	1.08	0.003	0.07	0.1	0.01	2.7	0.7	<0.05	5	<0.5	3	<0.2
1239719	Soil	23	0.48	333	0.030	1	1.32	0.006	0.05	0.2	0.05	4.2	0.1	<0.05	4	<0.5	2	<0.2
1239720	Soil	71	2.02	470	0.175	<1	3.91	0.078	0.89	0.1	0.02	8.7	1.0	<0.05	13	<0.5	2	<0.2
1239721	Soil	26	0.43	119	0.022	1	1.48	0.005	0.05	0.2	0.05	3.3	0.4	<0.05	5	0.5	<1	<0.2
1239722	Soil	24	0.30	123	0.029	1	1.62	0.005	0.03	0.2	0.02	2.1	0.2	<0.05	7	<0.5	<1	<0.2
1239723	Soil	35	0.58	251	0.036	<1	1.67	0.023	0.09	0.2	0.03	4.1	0.6	0.09	6	0.8	5	<0.2
1239724	Soil	32	0.45	175	0.012	<1	1.45	0.006	0.05	0.2	0.05	2.9	0.5	<0.05	5	1.1	1	<0.2
1239725	Soil	103	1.68	226	0.066	1	2.82	0.034	0.20	0.3	0.05	10.9	0.7	0.11	10	3.7	1	<0.2
1239726	Soil	32	0.53	216	0.042	1	1.85	0.007	0.05	0.2	0.05	3.5	0.2	<0.05	5	<0.5	1	<0.2
1239727	Soil	39	0.69	233	0.058	1	1.60	0.012	0.10	0.3	0.04	4.0	0.3	<0.05	6	1.6	2	<0.2
1239728	Soil	35	0.51	202	0.055	<1	2.40	0.010	0.04	0.2	0.03	4.2	0.2	<0.05	7	<0.5	2	<0.2
1239729	Soil	57	1.70	279	0.134	<1	3.05	0.087	0.47	0.2	0.04	9.2	0.7	<0.05	10	<0.5	3	<0.2
1239730	Soil	48	0.90	218	0.099	<1	1.99	0.028	0.20	0.2	0.03	5.3	0.4	<0.05	7	2.0	2	<0.2
1239731	Soil	62	1.05	208	0.096	1	2.06	0.043	0.10	0.3	0.03	5.6	0.5	0.07	8	1.6	3	<0.2
1239732	Soil	87	1.39	179	0.074	1	2.81	0.095	0.19	0.4	0.04	7.7	1.0	0.13	9	3.3	1	<0.2
1239733	Soil	39	0.70	241	0.049	1	1.60	0.036	0.06	0.3	0.03	4.5	0.3	<0.05	5	2.4	2	<0.2
1240101	Soil	15	0.12	80	0.011	<1	1.02	0.004	0.03	<0.1	0.03	0.3	0.2	<0.05	6	<0.5	1	<0.2
1240102	Soil	15	0.14	160	0.004	<1	1.12	0.008	0.04	0.1	0.05	0.3	0.3	<0.05	5	<0.5	4	<0.2
1240103	Soil	22	0.38	130	0.019	<1	1.21	0.006	0.04	0.2	0.03	1.6	0.2	<0.05	4	<0.5	1	<0.2
1240104	Soil	20	0.23	104	0.016	<1	1.13	0.006	0.04	0.2	0.03	0.8	0.1	<0.05	6	<0.5	2	<0.2

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www.acmelab.com

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

Project: SEA
Report Date: July 11, 2012

CERTIFICATE OF ANALYSIS DAW12000067.1

	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
1240105	Soil	1.1	14.3	15.1	24	<0.1	10.1	2.2	66	2.35	14.6	3.0	0.9	9	<0.1	0.5	0.3	63	0.06	0.160	15
1240106	Soil	1.1	17.9	8.7	50	<0.1	18.7	6.4	204	2.27	8.2	2.0	2.7	11	<0.1	0.6	0.1	44	0.13	0.038	16
1240107	Soil	0.9	10.8	10.3	34	<0.1	12.1	3.5	105	2.45	9.8	1.7	3.4	8	<0.1	0.5	0.1	49	0.08	0.023	15
1240108	Soil	1.1	21.2	10.7	43	<0.1	18.6	5.9	206	2.14	7.8	1.7	3.4	11	<0.1	0.7	0.1	37	0.10	0.021	17
1240109	Soil	1.7	43.9	10.9	66	<0.1	26.4	8.8	380	2.73	7.5	2.8	3.8	9	<0.1	0.6	0.2	42	0.09	0.033	20
1240110	Soil	2.0	62.2	10.1	56	0.1	23.9	8.0	354	2.67	7.2	2.7	4.6	13	<0.1	0.6	0.3	44	0.10	0.021	21
1240111	Soil	1.6	35.0	11.5	57	<0.1	23.8	8.9	319	3.13	10.0	2.2	4.0	9	0.1	0.7	0.2	55	0.09	0.028	16
1240112	Soil	1.1	19.3	10.3	50	<0.1	20.0	8.2	232	2.65	12.2	3.2	4.8	7	0.1	0.8	0.1	39	0.08	0.015	14
1240113	Soil	1.8	29.5	8.6	54	0.1	25.2	9.5	316	2.84	10.6	2.6	4.0	11	0.1	0.6	0.3	46	0.12	0.042	16
1240114	Soil	0.9	39.5	10.0	49	<0.1	23.2	9.2	210	2.96	11.7	3.6	3.3	8	0.2	0.6	0.2	48	0.11	0.027	12
1240115	Soil	1.6	37.0	9.3	56	0.2	26.5	9.8	220	3.00	11.5	1.9	3.2	10	0.2	0.6	0.1	70	0.13	0.024	11
1240116	Soil	3.9	31.8	11.4	85	0.3	36.1	9.7	257	2.95	7.3	4.1	4.8	11	0.4	0.6	0.2	63	0.13	0.042	16
1240117	Soil	2.3	18.3	7.0	98	0.3	32.9	9.9	382	2.90	3.0	0.8	4.8	17	0.2	0.2	0.2	50	0.66	0.133	19
1240118	Soil	3.1	38.8	11.9	76	0.5	31.6	10.4	575	2.50	13.1	3.1	3.7	25	0.3	0.8	0.2	59	0.26	0.073	17
1240119	Soil	3.0	44.8	31.4	155	0.4	41.2	11.6	342	3.03	6.8	2.1	6.4	27	0.4	0.5	0.3	84	0.21	0.064	15
1240120	Soil	1.9	34.9	11.0	74	0.2	25.3	8.8	188	2.45	7.8	4.5	4.4	22	0.1	0.7	0.2	45	0.27	0.058	16
1240121	Soil	4.0	10.9	8.9	53	<0.1	15.5	3.7	145	2.04	10.2	<0.5	1.6	8	0.2	0.4	0.4	86	0.12	0.037	11
1240122	Soil	0.7	49.8	10.3	51	0.3	19.1	10.8	265	2.76	10.5	4.2	3.3	13	<0.1	0.7	0.3	51	0.14	0.030	13
1240123	Soil	2.2	30.7	7.7	78	0.2	33.1	11.7	603	2.91	2.4	<0.5	7.3	34	0.2	0.3	0.3	63	0.76	0.205	20
1240124	Soil	1.6	100.0	8.3	167	0.5	27.5	12.6	198	2.13	7.0	2.2	3.0	17	0.4	0.4	0.2	48	0.30	0.068	11
1240125	Soil	7.5	71.9	15.2	202	0.9	57.3	10.8	340	2.88	3.4	0.7	2.6	45	1.2	0.7	0.2	110	0.31	0.082	13
1240126	Soil	6.8	65.0	12.5	168	0.9	56.4	18.6	463	2.93	4.7	2.1	3.6	58	1.7	0.5	0.3	123	0.67	0.086	12
1240127	Soil	1.6	18.3	6.3	35	0.2	12.3	2.4	72	1.20	3.8	0.8	0.5	17	0.3	0.3	0.1	39	0.19	0.050	10
1239369	Soil	0.9	72.7	6.5	55	0.2	29.9	12.4	583	3.23	9.7	3.7	2.9	12	0.4	0.6	0.2	76	0.09	0.061	17
1239370	Soil	1.0	37.1	7.8	65	0.1	21.1	8.8	547	2.41	16.9	2.6	2.7	13	0.5	0.8	0.2	47	0.10	0.079	18
1239371	Soil	1.1	10.6	9.2	38	0.2	9.4	3.8	174	1.95	12.8	4.0	2.2	8	0.4	0.7	0.3	45	0.05	0.044	14
1239372	Soil	1.3	25.9	15.7	38	0.4	12.8	3.7	120	2.13	15.8	1.3	0.3	13	0.4	0.7	0.4	42	0.06	0.117	15
1239373	Soil	1.2	15.2	12.7	48	0.3	13.7	4.4	135	1.78	11.8	8.7	0.6	21	0.1	0.7	0.3	32	0.10	0.056	16
1239374	Soil	2.3	15.9	12.9	44	0.3	12.2	5.2	184	1.93	11.6	1.6	1.5	28	<0.1	0.8	0.4	36	0.10	0.073	20
1239375	Soil	3.6	36.3	24.2	47	0.5	14.5	3.7	173	1.91	14.5	1.1	0.4	35	0.3	0.9	0.5	46	0.07	0.099	20

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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
1240105	Soil	29	0.19	108	0.021	<1	1.49	0.005	0.05	0.4	0.04	1.8	0.7	<0.05	8	0.5	3	<0.2
1240106	Soil	25	0.42	130	0.037	<1	1.40	0.006	0.04	0.3	0.04	3.1	0.1	<0.05	5	<0.5	<1	<0.2
1240107	Soil	26	0.33	91	0.038	<1	1.35	0.005	0.04	0.2	0.04	3.0	0.2	<0.05	6	<0.5	<1	<0.2
1240108	Soil	23	0.38	133	0.036	<1	1.23	0.009	0.04	0.2	0.03	2.9	0.1	<0.05	4	<0.5	<1	<0.2
1240109	Soil	27	0.56	281	0.032	<1	1.48	0.006	0.05	0.2	0.05	3.6	0.2	<0.05	6	<0.5	1	<0.2
1240110	Soil	27	0.52	474	0.046	<1	1.38	0.008	0.06	0.2	0.04	3.5	0.2	<0.05	5	<0.5	2	<0.2
1240111	Soil	32	0.50	261	0.038	1	2.00	0.006	0.05	0.2	0.04	3.6	0.2	<0.05	6	<0.5	2	<0.2
1240112	Soil	25	0.40	165	0.030	<1	1.55	0.005	0.04	0.2	0.04	2.7	0.1	<0.05	4	0.6	<1	<0.2
1240113	Soil	30	0.60	154	0.042	<1	1.77	0.009	0.06	0.2	0.04	3.8	0.3	<0.05	5	<0.5	1	<0.2
1240114	Soil	24	0.44	131	0.029	<1	1.68	0.006	0.04	0.2	0.02	2.6	0.1	<0.05	5	<0.5	1	<0.2
1240115	Soil	35	0.49	235	0.039	<1	2.20	0.008	0.04	0.2	0.02	2.8	0.2	<0.05	6	<0.5	<1	<0.2
1240116	Soil	47	0.78	114	0.057	<1	1.79	0.006	0.06	0.2	0.02	3.2	0.3	<0.05	6	1.9	2	<0.2
1240117	Soil	43	1.17	171	0.078	<1	2.20	0.014	0.13	<0.1	0.02	4.3	0.6	<0.05	8	0.9	3	<0.2
1240118	Soil	34	0.61	238	0.032	<1	1.29	0.012	0.05	0.2	0.06	4.0	0.2	<0.05	4	2.1	3	<0.2
1240119	Soil	58	0.92	271	0.082	1	2.53	0.015	0.26	0.2	0.03	5.3	0.5	<0.05	7	1.4	2	<0.2
1240120	Soil	28	0.51	341	0.037	1	1.38	0.009	0.04	0.2	0.05	3.6	0.2	<0.05	4	2.2	2	<0.2
1240121	Soil	29	0.34	80	0.046	<1	0.88	0.003	0.03	0.2	<0.01	1.7	0.2	<0.05	6	0.9	2	<0.2
1240122	Soil	21	0.43	247	0.048	<1	1.42	0.008	0.06	0.2	0.03	3.2	0.1	<0.05	5	1.2	<1	<0.2
1240123	Soil	52	1.55	179	0.137	<1	2.51	0.082	0.66	0.2	0.02	6.5	0.6	<0.05	9	1.7	2	<0.2
1240124	Soil	24	0.55	128	0.067	<1	1.42	0.029	0.10	0.2	0.03	3.0	0.1	<0.05	5	0.9	2	<0.2
1240125	Soil	62	1.25	206	0.071	2	2.33	0.045	0.21	0.3	0.03	5.9	0.6	0.09	8	2.3	3	<0.2
1240126	Soil	76	1.35	222	0.090	<1	2.74	0.088	0.16	0.3	0.03	7.5	0.7	<0.05	9	3.2	2	<0.2
1240127	Soil	26	0.37	133	0.020	<1	0.93	0.009	0.03	0.2	0.03	1.5	0.2	<0.05	4	1.6	<1	<0.2
1239369	Soil	42	0.31	97	0.011	<1	0.98	0.006	0.03	1.5	0.03	7.3	1.0	<0.05	3	0.6	2	<0.2
1239370	Soil	22	0.29	100	0.019	<1	0.96	0.004	0.04	0.7	0.03	3.1	1.0	<0.05	3	0.9	<1	<0.2
1239371	Soil	18	0.18	119	0.014	<1	1.02	0.005	0.04	0.3	0.03	1.7	0.5	<0.05	5	<0.5	2	<0.2
1239372	Soil	21	0.23	172	0.006	1	1.30	0.007	0.05	0.3	0.04	0.6	0.9	<0.05	4	0.7	2	<0.2
1239373	Soil	19	0.28	158	0.011	<1	0.97	0.005	0.05	0.6	0.04	1.3	1.0	<0.05	4	0.7	5	<0.2
1239374	Soil	20	0.27	158	0.017	<1	0.95	0.004	0.04	0.7	0.03	2.4	2.0	<0.05	3	1.5	<1	<0.2
1239375	Soil	24	0.16	174	0.006	<1	0.80	0.004	0.05	0.9	0.03	0.9	3.1	<0.05	3	1.8	12	<0.2

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www.acmelab.com

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

Project: SEA
Report Date: July 11, 2012

CERTIFICATE OF ANALYSIS DAW12000067.1

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
1239376	Soil	1.9	19.0	9.8	47	0.3	13.1	4.1	92	1.71	7.1	17.4	1.7	18	0.1	0.5	0.3	34	0.15	0.078	18
1239377	Soil	2.8	33.9	9.9	63	0.3	22.2	7.4	245	2.42	8.4	6.3	4.2	19	0.2	0.6	0.4	52	0.18	0.085	19
1239378	Soil	3.0	29.4	12.9	52	0.3	14.9	4.6	183	2.39	8.3	9.5	5.0	17	0.2	0.5	0.4	51	0.11	0.088	19
1239379	Soil	2.3	30.4	9.3	61	0.3	19.9	5.4	206	2.23	6.8	<0.5	4.9	21	0.1	0.6	0.3	42	0.18	0.086	18
1239380	Soil	1.8	24.2	10.3	43	0.2	14.3	5.2	143	2.03	9.9	4.0	4.5	14	<0.1	0.6	0.2	38	0.13	0.054	18
1239381	Soil	7.0	52.4	8.5	100	0.6	27.0	6.2	311	2.47	6.7	<0.5	3.2	39	0.4	0.6	0.2	179	0.24	0.073	9
1239382	Soil	1.5	99.0	8.3	59	0.2	29.2	11.4	176	2.28	8.8	3.3	3.0	17	0.3	0.5	0.2	51	0.19	0.032	10
1239383	Soil	1.3	64.9	9.2	57	<0.1	21.1	8.6	184	3.08	10.4	2.8	2.6	13	0.4	0.6	0.4	52	0.08	0.036	10
1239384	Soil	1.5	17.8	8.8	41	0.3	11.3	3.6	81	1.70	8.8	1.4	0.4	13	0.3	0.4	0.4	34	0.11	0.051	13
1239385	Soil	1.0	16.7	6.8	42	0.2	12.7	3.5	80	1.31	6.2	2.7	0.8	12	0.2	0.3	0.2	28	0.13	0.041	11
1239386	Soil	1.3	19.2	6.3	37	0.2	12.9	3.4	63	1.12	5.8	<0.5	0.3	13	0.4	0.3	0.2	20	0.10	0.043	10
1239387	Soil	1.1	14.6	5.7	38	0.1	11.8	3.5	68	1.14	5.5	1.3	0.4	13	0.2	0.3	0.2	22	0.10	0.039	10
1239388	Soil	1.6	16.2	5.2	35	0.3	10.1	2.7	65	1.07	5.6	1.1	0.7	12	0.3	0.3	0.2	23	0.10	0.035	11
1238071	Soil	0.8	14.8	9.4	45	<0.1	14.0	4.8	162	1.86	8.8	1.1	3.1	10	0.1	0.6	0.2	38	0.08	0.034	15
1238072	Soil	0.8	19.3	10.5	49	<0.1	16.2	5.5	182	1.95	9.9	7.8	2.2	11	0.1	0.8	0.2	40	0.10	0.037	15
1238073	Soil	0.8	15.8	11.6	41	<0.1	12.2	4.6	165	1.67	8.4	<0.5	1.5	10	<0.1	0.7	0.2	35	0.09	0.029	15
1238074	Soil	1.1	10.7	12.8	40	<0.1	10.3	4.6	266	2.70	13.5	1.9	0.9	8	<0.1	0.8	0.2	55	0.05	0.059	13
1238075	Soil	0.9	7.5	10.6	33	<0.1	9.0	2.9	119	2.47	12.1	<0.5	1.4	8	<0.1	0.6	0.2	47	0.06	0.032	12
1238076	Soil	1.0	40.5	12.4	34	<0.1	12.0	3.9	113	1.60	8.1	6.9	3.5	14	0.1	0.6	0.8	28	0.06	0.029	14
1238077	Soil	1.3	19.3	11.2	44	0.2	17.2	6.4	163	2.80	11.9	3.8	4.5	7	0.2	0.7	0.2	43	0.07	0.025	11
1238078	Soil	1.4	35.0	11.7	59	0.2	22.2	8.6	321	2.89	11.6	3.1	5.4	10	<0.1	0.7	0.2	52	0.08	0.025	18
1238079	Soil	1.2	29.9	8.7	51	<0.1	21.3	6.4	209	2.28	10.1	1.8	2.4	8	0.1	0.6	0.1	31	0.09	0.041	11
1238080	Soil	1.2	29.9	14.3	52	<0.1	24.8	8.3	209	2.94	12.8	1.0	3.9	6	0.2	0.7	0.2	45	0.05	0.035	11
1238141	Soil	1.1	19.1	9.6	48	<0.1	15.2	5.1	289	2.33	8.7	1.3	1.3	6	0.2	0.5	0.2	39	0.06	0.049	11
1238142	Soil	11.3	120.0	90.1	139	<0.1	41.0	22.9	2317	4.02	5.6	1.1	1.4	9	0.3	0.5	0.4	36	0.05	0.082	17
1238143	Soil	2.9	53.9	11.7	69	<0.1	27.4	7.9	372	2.64	7.8	1.9	2.7	11	0.2	0.5	0.2	39	0.11	0.040	15
1238144	Soil	1.9	16.4	10.8	53	<0.1	19.1	7.0	194	2.55	9.5	1.3	3.2	8	0.1	0.5	0.2	41	0.08	0.030	14
1238145	Soil	3.1	14.5	8.7	62	<0.1	19.9	5.9	324	2.65	9.6	1.3	2.0	13	0.2	0.5	0.2	49	0.11	0.053	11
1238146	Soil	5.8	62.4	9.5	118	0.4	45.0	12.7	770	3.24	5.3	0.7	4.9	29	0.6	0.3	0.3	94	0.44	0.143	15
1238147	Soil	1.3	35.9	9.2	70	0.1	39.7	12.3	434	2.75	10.3	5.6	6.3	20	0.1	0.5	0.2	59	0.44	0.119	18

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www.acmelab.com

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

Project: SEA
Report Date: July 11, 2012

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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
1239376	Soil	21	0.28	175	0.013	<1	0.95	0.004	0.04	0.7	0.04	2.1	1.0	<0.05	3	1.6	1	<0.2
1239377	Soil	34	0.48	286	0.034	<1	1.45	0.008	0.07	0.3	0.05	5.0	1.0	<0.05	5	0.8	2	<0.2
1239378	Soil	28	0.39	135	0.025	<1	1.14	0.006	0.08	0.4	0.01	3.7	1.9	<0.05	4	1.0	1	<0.2
1239379	Soil	29	0.53	278	0.039	<1	1.32	0.008	0.08	0.3	0.04	4.0	1.3	<0.05	4	1.3	1	<0.2
1239380	Soil	22	0.33	252	0.022	<1	1.19	0.008	0.04	0.3	0.04	3.9	0.5	<0.05	4	1.1	<1	<0.2
1239381	Soil	75	1.01	265	0.043	<1	2.23	0.045	0.10	0.4	0.03	9.9	0.7	0.10	7	3.6	1	<0.2
1239382	Soil	27	0.52	219	0.043	<1	1.76	0.016	0.05	0.2	0.02	3.3	0.3	<0.05	4	<0.5	2	<0.2
1239383	Soil	21	0.39	177	0.037	<1	1.68	0.012	0.04	0.2	0.02	2.9	0.6	<0.05	4	1.1	2	<0.2
1239384	Soil	19	0.28	179	0.011	<1	0.99	0.005	0.03	0.2	0.04	1.5	0.6	<0.05	4	0.8	<1	<0.2
1239385	Soil	20	0.28	106	0.016	<1	0.93	0.006	0.03	0.2	0.04	1.4	0.3	<0.05	3	0.7	<1	<0.2
1239386	Soil	15	0.22	116	0.010	<1	0.80	0.005	0.03	0.1	0.04	1.0	0.1	<0.05	3	0.7	<1	<0.2
1239387	Soil	13	0.21	102	0.011	<1	0.71	0.005	0.03	0.2	0.04	0.7	0.1	<0.05	3	0.5	<1	<0.2
1239388	Soil	14	0.21	95	0.010	<1	0.67	0.005	0.02	0.3	0.07	0.9	0.1	<0.05	3	1.2	<1	<0.2
1238071	Soil	20	0.32	133	0.026	<1	1.22	0.005	0.04	0.2	0.03	2.4	0.2	<0.05	4	<0.5	1	<0.2
1238072	Soil	22	0.36	161	0.027	<1	1.26	0.006	0.04	0.2	0.03	2.5	0.1	<0.05	4	<0.5	1	<0.2
1238073	Soil	18	0.28	128	0.023	<1	0.96	0.006	0.03	0.2	0.02	1.9	0.1	<0.05	4	<0.5	2	<0.2
1238074	Soil	19	0.23	89	0.028	<1	0.94	0.004	0.04	0.3	0.01	1.3	0.1	<0.05	5	<0.5	<1	<0.2
1238075	Soil	19	0.25	60	0.024	<1	0.92	0.004	0.04	0.3	0.02	1.4	0.1	<0.05	5	<0.5	1	<0.2
1238076	Soil	17	0.21	101	0.017	<1	0.67	0.003	0.03	0.3	0.03	3.4	0.1	<0.05	2	0.7	2	<0.2
1238077	Soil	27	0.37	187	0.026	<1	1.60	0.005	0.03	0.2	0.05	3.0	0.1	<0.05	4	0.5	1	<0.2
1238078	Soil	31	0.48	358	0.034	<1	1.83	0.007	0.04	0.2	0.04	5.3	0.2	<0.05	5	<0.5	<1	<0.2
1238079	Soil	21	0.38	110	0.025	<1	1.07	0.004	0.04	0.3	0.04	1.9	0.1	<0.05	3	<0.5	2	<0.2
1238080	Soil	28	0.39	163	0.024	<1	1.89	0.004	0.03	0.2	0.03	2.4	0.1	<0.05	5	<0.5	<1	<0.2
1238141	Soil	18	0.29	88	0.017	<1	1.02	0.003	0.03	0.2	0.04	1.4	0.2	<0.05	4	<0.5	1	<0.2
1238142	Soil	24	0.46	178	0.009	<1	1.22	0.005	0.04	0.2	0.02	1.8	0.3	<0.05	5	<0.5	2	<0.2
1238143	Soil	26	0.50	215	0.022	<1	1.54	0.007	0.04	0.2	0.05	2.9	0.2	<0.05	5	<0.5	<1	<0.2
1238144	Soil	25	0.38	141	0.024	<1	1.49	0.006	0.04	0.2	0.02	2.8	0.2	<0.05	5	<0.5	<1	<0.2
1238145	Soil	25	0.53	81	0.039	<1	1.46	0.013	0.06	0.2	0.02	2.2	0.2	<0.05	5	0.6	1	<0.2
1238146	Soil	70	1.38	214	0.103	<1	2.88	0.049	0.34	0.3	0.02	6.6	0.8	0.10	9	1.3	2	<0.2
1238147	Soil	40	1.06	281	0.085	<1	2.47	0.040	0.18	0.2	0.02	6.2	0.4	<0.05	7	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
1238148	Soil	1.6	34.0	11.6	78	0.1	39.6	12.0	316	3.01	5.9	2.6	7.3	25	0.1	0.3	0.2	59	0.53	0.180	24
1238149	Soil	2.0	13.7	22.8	103	0.1	23.1	6.6	329	2.59	13.9	1.1	3.2	6	0.4	0.6	0.2	39	0.10	0.043	10
1238150	Soil	1.9	11.8	9.6	61	0.5	18.5	8.2	496	2.39	7.6	1.5	2.9	10	0.5	0.4	0.2	62	0.14	0.022	11
1238151	Soil	10.9	45.0	29.1	224	1.1	52.4	10.7	385	3.61	7.4	<0.5	4.5	12	1.7	0.9	0.4	83	0.19	0.072	18
1238152	Soil	3.6	28.6	16.3	109	0.9	36.6	10.5	267	3.08	9.4	1.0	4.0	13	0.8	0.7	0.3	62	0.16	0.063	12
1238153	Soil	3.0	11.0	17.8	346	0.7	17.3	9.3	2730	2.36	5.7	<0.5	1.4	9	5.3	0.5	0.2	62	0.13	0.040	10
1238154	Soil	3.5	13.7	10.8	62	0.3	15.8	4.8	567	2.24	5.7	<0.5	2.4	7	0.4	0.4	1.9	56	0.13	0.030	10
1238155	Soil	1.2	14.9	10.5	62	<0.1	23.4	8.6	207	2.74	10.6	2.6	3.3	14	0.1	0.5	0.2	49	0.27	0.044	12
1238156	Soil	1.2	18.8	10.7	72	0.2	26.4	8.8	187	2.60	11.4	1.2	3.4	11	0.3	0.5	0.2	38	0.17	0.053	11
1238157	Soil	3.6	45.7	20.8	127	0.6	31.8	7.4	254	2.05	5.1	<0.5	2.7	25	1.9	0.3	0.2	58	0.35	0.045	13
1238158	Soil	1.7	33.0	8.9	83	0.2	32.1	8.1	324	2.58	10.1	2.6	4.2	24	0.4	0.8	0.2	51	0.42	0.078	14
1238159	Soil	2.8	29.9	8.5	67	0.2	29.2	11.2	597	2.76	9.9	2.8	2.2	21	0.6	0.7	0.2	52	0.52	0.054	12

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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
1238148	Soil		49	1.52	208	0.080	<1	3.07	0.034	0.10	0.2	0.02	6.1	0.6	<0.05	9	0.6	1	<0.2
1238149	Soil		24	0.40	122	0.013	<1	1.46	0.003	0.04	0.2	0.02	1.9	0.2	<0.05	5	<0.5	1	<0.2
1238150	Soil		29	0.40	206	0.023	<1	1.55	0.009	0.03	0.2	0.02	2.4	0.2	<0.05	6	<0.5	1	<0.2
1238151	Soil		47	0.79	198	0.010	<1	2.11	0.006	0.06	0.2	0.03	3.4	0.3	<0.05	7	2.2	1	<0.2
1238152	Soil		38	0.62	168	0.019	<1	1.97	0.007	0.05	0.2	0.02	3.0	0.2	<0.05	5	1.3	2	<0.2
1238153	Soil		24	0.31	330	0.019	<1	1.40	0.004	0.03	0.2	0.02	2.0	0.2	<0.05	6	0.6	<1	<0.2
1238154	Soil		22	0.37	93	0.024	<1	1.33	0.005	0.04	0.2	0.02	2.2	0.2	<0.05	6	<0.5	2	<0.2
1238155	Soil		28	0.51	187	0.027	<1	1.70	0.013	0.04	0.2	0.02	2.7	0.1	<0.05	5	<0.5	1	<0.2
1238156	Soil		23	0.44	120	0.020	<1	1.64	0.007	0.03	0.2	0.02	2.5	0.2	<0.05	4	<0.5	<1	<0.2
1238157	Soil		32	0.52	202	0.019	<1	1.37	0.010	0.04	0.9	0.02	3.3	0.2	<0.05	5	1.3	3	<0.2
1238158	Soil		29	0.54	299	0.050	1	1.23	0.018	0.07	0.3	0.03	4.1	0.1	<0.05	4	<0.5	<1	<0.2
1238159	Soil		27	0.41	308	0.023	1	1.32	0.010	0.05	0.2	0.03	3.2	0.2	<0.05	4	3.6	<1	<0.2

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

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

Project: SEA
Report Date: July 11, 2012

QUALITY CONTROL REPORT DAW12000067.1

	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																					
1238397	Soil	7.0	41.9	9.7	104	0.7	27.5	6.1	298	2.45	7.7	1.5	3.8	48	0.6	0.5	0.3	53	0.44	0.095	13
REP 1238397	QC	7.2	43.1	10.2	104	0.7	27.5	6.3	296	2.48	7.7	1.4	3.8	49	0.6	0.5	0.3	56	0.46	0.094	13
1239709	Soil	1.2	35.0	9.8	58	0.1	22.8	7.9	319	2.51	15.5	4.6	1.9	17	0.2	0.7	0.2	52	0.21	0.059	14
REP 1239709	QC	1.2	35.5	9.9	57	0.1	23.1	7.8	319	2.54	15.7	13.3	1.9	16	0.2	0.6	0.1	52	0.20	0.057	14
1240104	Soil	0.7	8.9	11.3	24	<0.1	9.0	2.2	74	1.72	6.7	3.3	0.2	8	<0.1	0.4	0.1	41	0.07	0.086	12
REP 1240104	QC	0.7	9.1	11.7	25	<0.1	9.2	2.3	72	1.68	7.2	0.8	0.2	8	<0.1	0.4	0.1	42	0.07	0.089	12
1240112	Soil	1.1	19.3	10.3	50	<0.1	20.0	8.2	232	2.65	12.2	3.2	4.8	7	0.1	0.8	0.1	39	0.08	0.015	14
REP 1240112	QC	1.1	19.3	10.5	49	<0.1	19.6	7.9	235	2.68	12.3	4.4	5.0	7	0.1	0.7	0.1	38	0.07	0.015	13
1239381	Soil	7.0	52.4	8.5	100	0.6	27.0	6.2	311	2.47	6.7	<0.5	3.2	39	0.4	0.6	0.2	179	0.24	0.073	9
REP 1239381	QC	7.1	50.4	7.9	98	0.6	25.7	6.0	298	2.35	5.7	<0.5	3.1	37	0.4	0.6	0.2	177	0.23	0.069	9
1238071	Soil	0.8	14.8	9.4	45	<0.1	14.0	4.8	162	1.86	8.8	1.1	3.1	10	0.1	0.6	0.2	38	0.08	0.034	15
REP 1238071	QC	0.8	14.0	9.2	44	<0.1	13.4	4.6	157	1.82	8.3	0.6	3.0	10	<0.1	0.7	0.2	38	0.08	0.036	15
1238142	Soil	11.3	120.0	90.1	139	<0.1	41.0	22.9	2317	4.02	5.6	1.1	1.4	9	0.3	0.5	0.4	36	0.05	0.082	17
REP 1238142	QC	11.2	115.2	90.4	139	<0.1	40.4	23.2	2364	3.90	5.7	0.7	1.6	8	0.3	0.5	0.4	37	0.05	0.083	17
Reference Materials																					
STD DS9	Standard	11.0	98.7	115.0	301	1.7	36.8	7.1	540	2.23	26.2	108.5	6.2	77	2.4	5.7	6.8	39	0.67	0.083	13
STD DS9	Standard	13.9	113.0	125.9	343	1.9	41.9	7.1	612	2.45	23.5	133.1	5.8	75	2.2	4.8	6.0	41	0.74	0.081	13
STD DS9	Standard	15.0	120.3	126.9	354	1.9	44.1	7.5	608	2.47	23.2	118.0	6.0	75	2.1	4.9	5.8	40	0.76	0.080	13
STD DS9	Standard	14.4	98.4	126.6	302	2.0	42.9	7.3	605	2.44	21.3	120.4	6.1	74	2.0	4.9	5.5	40	0.78	0.076	14
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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

Project: SEA
Report Date: July 11, 2012

QUALITY CONTROL REPORT DAW12000067.1

	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																		
1238397	Soil	31	0.57	186	0.028	<1	1.33	0.046	0.09	0.4	0.02	3.1	0.3	0.12	4	2.9	1	<0.2
REP 1238397	QC	32	0.58	190	0.028	1	1.36	0.045	0.08	0.4	0.03	3.3	0.3	0.13	4	3.0	1	<0.2
1239709	Soil	26	0.42	206	0.026	<1	1.34	0.008	0.04	0.2	0.04	3.6	0.3	<0.05	4	0.5	1	<0.2
REP 1239709	QC	25	0.41	208	0.024	<1	1.34	0.007	0.04	0.2	0.06	3.5	0.3	<0.05	5	<0.5	1	<0.2
1240104	Soil	20	0.23	104	0.016	<1	1.13	0.006	0.04	0.2	0.03	0.8	0.1	<0.05	6	<0.5	2	<0.2
REP 1240104	QC	19	0.23	104	0.015	<1	1.16	0.006	0.04	0.1	0.03	0.7	0.1	<0.05	6	<0.5	2	<0.2
1240112	Soil	25	0.40	165	0.030	<1	1.55	0.005	0.04	0.2	0.04	2.7	0.1	<0.05	4	0.6	<1	<0.2
REP 1240112	QC	26	0.40	167	0.028	<1	1.57	0.005	0.04	0.2	0.04	2.7	0.1	<0.05	4	<0.5	<1	<0.2
1239381	Soil	75	1.01	265	0.043	<1	2.23	0.045	0.10	0.4	0.03	9.9	0.7	0.10	7	3.6	1	<0.2
REP 1239381	QC	72	0.94	260	0.039	<1	2.09	0.041	0.09	0.4	0.02	9.3	0.7	0.07	7	3.9	1	<0.2
1238071	Soil	20	0.32	133	0.026	<1	1.22	0.005	0.04	0.2	0.03	2.4	0.2	<0.05	4	<0.5	1	<0.2
REP 1238071	QC	21	0.32	127	0.023	<1	1.20	0.005	0.04	0.2	0.03	2.5	0.2	<0.05	4	<0.5	1	<0.2
1238142	Soil	24	0.46	178	0.009	<1	1.22	0.005	0.04	0.2	0.02	1.8	0.3	<0.05	5	<0.5	2	<0.2
REP 1238142	QC	24	0.46	173	0.010	<1	1.24	0.004	0.04	0.2	0.03	1.9	0.3	<0.05	5	0.6	3	<0.2
Reference Materials																		
STD DS9	Standard	114	0.59	295	0.112	3	0.95	0.091	0.38	3.0	0.21	2.5	5.1	0.13	5	6.5	7	5.1
STD DS9	Standard	130	0.65	315	0.121	3	1.00	0.102	0.41	3.1	0.22	2.8	5.9	0.19	5	5.8	6	5.3
STD DS9	Standard	135	0.66	310	0.124	2	1.01	0.095	0.41	3.1	0.21	2.6	5.8	0.18	5	5.6	6	5.4
STD DS9	Standard	131	0.66	286	0.129	3	0.98	0.100	0.38	3.2	0.22	2.6	5.8	0.18	5	5.9	5	5.4
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

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Appendix IV: Rock Sample Assay Certificates

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

www.acmelab.com

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

Submitted By: Bruce Durham
Receiving Lab: Canada-Whitehorse
Received: June 29, 2012
Report Date: July 20, 2012
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI12000187.1

CLIENT JOB INFORMATION

Project: SEA
Shipment ID: SEA RX1
P.O. Number
Number of Samples: 42

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

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.

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

Project: SEA
Report Date: July 20, 2012

CERTIFICATE OF ANALYSIS WHI12000187.1

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
1206628	Rock	0.91	3	0.3	4.2	1.5	<1	<0.1	2.8	0.5	115	0.35	94.6	1.1	1.2	1	0.1	<0.1	<0.1	3	0.05
1206629	Rock	1.22	3	2.5	2.6	5.9	1	0.1	2.3	0.6	76	0.98	10.5	0.8	3.6	6	0.2	0.2	<0.1	27	0.15
1206630	Rock	0.91	2	1.6	7.5	6.7	2	0.7	2.4	0.4	52	1.16	9.4	3.1	4.2	8	<0.1	0.4	<0.1	27	0.01
1206631	Rock	0.86	<2	3.7	19.2	4.7	8	0.1	5.1	0.5	38	1.12	6.0	<0.5	3.2	6	<0.1	0.2	0.2	28	0.06
1206632	Rock	0.75	<2	2.8	34.4	6.7	156	0.3	32.2	11.3	393	3.14	0.8	<0.5	5.1	47	0.4	<0.1	0.1	57	0.95
1206633	Rock	0.87	<2	12.1	85.5	14.5	157	0.6	15.2	3.1	55	3.83	18.2	1.2	7.1	25	0.3	0.6	0.4	82	0.02
1206634	Rock	0.79	<2	0.6	16.3	6.1	54	0.1	29.5	9.0	749	2.19	0.7	<0.5	5.1	119	0.3	<0.1	0.1	54	4.75
1206635	Rock	1.40	<2	3.8	8.6	4.5	32	<0.1	37.5	11.3	401	2.92	7.7	0.7	7.2	32	0.1	<0.1	<0.1	83	1.11
1206636	Rock	1.17	<2	1.7	31.0	3.7	112	0.2	42.3	15.3	625	2.41	<0.5	1.2	6.4	26	0.4	<0.1	0.1	49	0.79
1206637	Rock	0.75	7	7.4	140.4	9.6	94	0.3	32.4	17.4	747	5.61	16.3	2.9	2.8	9	0.5	0.6	0.6	65	0.04
1206638	Rock	1.13	<2	0.2	3.6	2.2	2	<0.1	1.3	0.4	45	0.52	8.5	1.2	2.0	13	<0.1	0.2	<0.1	2	<0.01
1205865	Rock	1.14	<2	0.2	98.4	2.5	57	0.2	78.1	30.5	1020	5.38	4.2	1.5	0.2	65	0.2	<0.1	<0.1	182	4.18
1205866	Rock	0.92	<2	0.1	66.4	2.1	32	<0.1	14.5	2.7	119	1.18	0.6	<0.5	2.4	4	0.1	<0.1	<0.1	9	0.03
1205867	Rock	0.97	<2	0.5	6.2	4.1	2	0.2	1.5	0.4	30	0.75	6.8	0.7	1.6	5	<0.1	0.2	<0.1	4	0.03
1205868	Rock	1.40	<2	0.5	13.5	2.6	1	0.3	1.4	0.3	32	1.29	3.0	2.1	0.7	2	<0.1	0.4	<0.1	<2	<0.01
1205869	Rock	1.08	<2	0.2	94.8	0.7	28	0.1	20.2	10.2	263	1.74	1.1	<0.5	<0.1	7	<0.1	<0.1	<0.1	85	0.79
1206061	Rock	0.90	<2	0.4	2.7	16.4	11	<0.1	2.2	0.7	65	0.67	4.3	1.6	1.8	4	<0.1	0.2	0.1	<2	<0.01
1206062	Rock	0.65	<2	1.3	26.9	5.8	52	0.1	17.6	9.9	799	1.75	1.7	0.7	4.5	44	0.3	<0.1	0.2	11	1.19
1206063	Rock	1.31	<2	1.5	35.8	2.7	27	<0.1	10.5	3.7	210	1.05	0.9	2.5	0.6	24	<0.1	<0.1	<0.1	7	0.04
1206064	Rock	0.63	<2	2.2	41.4	2.3	16	0.2	8.0	1.4	62	0.93	6.0	1.2	0.8	10	<0.1	<0.1	0.1	4	0.03
1206065	Rock	0.64	<2	0.5	24.2	4.1	63	0.2	20.3	9.6	593	1.79	0.6	1.9	1.2	33	<0.1	<0.1	0.1	14	0.08
1206066	Rock	0.76	<2	0.2	53.5	3.8	39	<0.1	17.5	6.6	461	1.50	1.3	13.7	1.8	37	<0.1	<0.1	0.2	10	0.04
1206067	Rock	0.73	<2	0.3	36.5	1.8	26	<0.1	10.6	6.9	474	1.35	0.6	0.6	1.0	73	<0.1	<0.1	1.6	8	0.03
1206068	Rock	0.84	<2	<0.1	5.1	2.2	14	<0.1	23.7	6.0	158	0.92	4.4	0.8	<0.1	135	<0.1	<0.1	0.1	34	2.70
1206069	Rock	0.81	<2	10.9	70.8	4.5	75	0.2	43.1	15.2	671	2.75	7.2	1.4	1.6	32	<0.1	<0.1	0.2	81	0.54
1206070	Rock	0.54	<2	1.0	9.4	6.7	17	<0.1	9.3	2.6	84	0.96	20.1	3.0	1.4	7	0.1	0.9	<0.1	12	0.17
1205666	Rock	0.66	<2	0.2	2.1	1.1	2	<0.1	1.5	0.3	41	0.41	0.8	0.8	1.7	2	<0.1	<0.1	<0.1	<2	<0.01
1205667	Rock	0.54	<2	0.4	3.9	9.6	2	<0.1	0.9	0.1	25	0.53	27.9	<0.5	1.0	2	<0.1	1.0	<0.1	4	<0.01
1205668	Rock	0.66	<2	1.9	59.9	10.3	25	<0.1	1.8	0.4	36	10.15	37.6	1.5	1.4	<1	<0.1	1.2	<0.1	4	<0.01
1205669	Rock	1.46	<2	0.3	4.7	1.6	2	<0.1	2.0	0.5	54	0.65	14.1	1.7	1.2	<1	<0.1	0.2	<0.1	<2	<0.01

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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: SEA
Report Date: July 20, 2012

CERTIFICATE OF ANALYSIS WHI12000187.1

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
1206628	Rock	0.031	6	21	<0.01	15	<0.001	<20	0.10	0.002	0.04	0.1	0.04	0.7	<0.05	0.6	<0.5	<1	1	<0.2
1206629	Rock	0.319	11	36	0.01	104	0.002	<20	0.22	0.003	0.06	0.6	<0.01	0.4	<0.05	2.3	1.5	<1	<1	<0.2
1206630	Rock	0.081	15	29	0.01	48	0.002	<20	0.31	0.002	0.06	0.5	0.03	1.7	<0.05	1.9	1.6	<1	<1	<0.2
1206631	Rock	0.148	11	25	<0.01	23	<0.001	<20	0.29	0.002	0.07	0.3	<0.01	0.4	<0.05	2.0	1.5	<1	<1	<0.2
1206632	Rock	0.107	14	50	1.06	203	0.111	<20	3.04	0.243	0.79	0.4	<0.01	1.4	0.18	7.2	1.3	9	<1	<0.2
1206633	Rock	0.282	11	33	<0.01	67	<0.001	<20	0.47	0.001	0.09	0.7	<0.01	0.7	0.05	11.0	3.1	1	1	<0.2
1206634	Rock	0.072	9	50	1.05	230	0.132	<20	2.97	0.285	1.00	0.1	<0.01	0.7	0.15	6.7	0.5	8	3	<0.2
1206635	Rock	0.162	17	78	1.57	303	0.164	<20	3.08	0.228	0.71	0.2	<0.01	0.4	<0.05	7.8	<0.5	13	<1	<0.2
1206636	Rock	0.152	19	48	1.17	193	0.114	<20	2.12	0.103	0.65	0.1	<0.01	0.6	<0.05	5.9	0.5	8	2	<0.2
1206637	Rock	0.122	8	37	0.04	96	0.002	<20	0.38	0.032	0.02	0.3	<0.01	0.7	<0.05	17.1	9.1	1	<1	<0.2
1206638	Rock	0.013	7	19	<0.01	48	0.001	<20	0.07	0.003	0.04	<0.1	<0.01	0.9	<0.05	0.4	<0.5	<1	<1	<0.2
1205865	Rock	0.041	2	153	3.00	29	0.121	<20	4.07	0.014	<0.01	<0.1	<0.01	<0.1	<0.05	15.1	<0.5	11	<1	<0.2
1205866	Rock	0.020	9	23	0.05	257	0.003	<20	0.34	0.002	0.09	<0.1	0.01	0.2	<0.05	1.1	<0.5	1	<1	<0.2
1205867	Rock	0.012	6	21	0.02	34	0.002	<20	0.10	0.002	0.04	0.1	<0.01	0.3	<0.05	0.3	1.2	<1	<1	<0.2
1205868	Rock	0.002	5	23	<0.01	77	<0.001	<20	0.05	<0.001	0.03	<0.1	0.02	0.1	<0.05	0.2	1.9	<1	<1	<0.2
1205869	Rock	0.059	1	36	0.58	18	0.078	<20	0.98	0.093	0.02	<0.1	<0.01	<0.1	<0.05	6.5	<0.5	4	<1	<0.2
1206061	Rock	0.003	5	23	<0.01	24	<0.001	<20	0.10	0.002	0.07	<0.1	<0.01	0.3	<0.05	0.2	<0.5	<1	<1	<0.2
1206062	Rock	0.054	14	29	0.47	25	0.003	<20	0.75	0.036	0.04	<0.1	<0.01	<0.1	<0.05	1.4	<0.5	2	<1	<0.2
1206063	Rock	0.021	1	29	0.18	1047	0.002	<20	0.32	0.006	0.04	<0.1	<0.01	<0.1	0.06	0.6	<0.5	1	<1	<0.2
1206064	Rock	0.024	5	27	0.03	175	<0.001	<20	0.11	0.003	0.04	<0.1	0.02	0.3	<0.05	0.3	<0.5	<1	<1	<0.2
1206065	Rock	0.046	2	24	0.68	826	0.006	<20	0.82	0.013	0.05	<0.1	<0.01	<0.1	0.06	1.1	<0.5	3	<1	<0.2
1206066	Rock	0.019	3	24	0.48	2420	0.011	<20	0.73	0.008	0.07	0.1	<0.01	<0.1	0.06	0.9	<0.5	3	<1	<0.2
1206067	Rock	0.012	2	29	0.26	4123	0.003	<20	0.43	0.009	0.04	<0.1	0.01	<0.1	0.11	0.8	<0.5	2	<1	1.2
1206068	Rock	0.038	<1	43	0.37	66	0.095	<20	4.07	0.419	0.06	0.2	<0.01	<0.1	<0.05	2.7	<0.5	7	5	<0.2
1206069	Rock	0.031	3	63	0.93	521	0.126	<20	2.07	0.136	0.64	0.2	<0.01	0.6	0.12	4.3	<0.5	7	2	<0.2
1206070	Rock	0.014	5	29	0.11	44	0.026	<20	0.32	0.025	0.02	0.1	<0.01	<0.1	<0.05	0.9	<0.5	<1	<1	<0.2
1205666	Rock	0.009	4	23	0.02	19	0.001	<20	0.08	0.002	0.02	<0.1	<0.01	<0.1	<0.05	0.2	<0.5	<1	<1	<0.2
1205667	Rock	0.007	6	18	<0.01	15	<0.001	<20	0.04	<0.001	0.02	0.1	0.07	0.1	<0.05	<0.1	<0.5	<1	<1	<0.2
1205668	Rock	0.102	2	21	<0.01	18	0.001	<20	0.10	<0.001	0.03	0.1	0.02	0.2	0.07	0.3	1.0	<1	<1	<0.2
1205669	Rock	0.008	5	28	<0.01	18	<0.001	<20	0.06	<0.001	0.02	<0.1	<0.01	<0.1	<0.05	0.2	<0.5	<1	<1	<0.2

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Project: SEA
Report Date: July 20, 2012

CERTIFICATE OF ANALYSIS WHI12000187.1

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
1205670	Rock	0.89	<2	0.5	21.6	3.8	59	<0.1	24.2	8.7	813	1.63	0.6	2.4	3.2	16	<0.1	<0.1	0.2	17	0.09
1205671	Rock	0.81	<2	0.4	109.6	4.9	44	0.2	23.1	5.5	554	2.08	1.2	1.5	2.6	81	0.1	<0.1	0.2	31	0.04
1205672	Rock	0.63	<2	0.5	21.3	37.7	601	0.3	12.2	4.1	429	1.70	65.6	0.9	2.7	15	6.3	<0.1	0.2	19	1.29
1205824	Rock	1.29	<2	0.2	4.9	1.0	11	<0.1	3.9	1.0	52	0.48	<0.5	<0.5	0.7	<1	<0.1	<0.1	<0.1	<2	<0.01
1205825	Rock	1.17	<2	1.9	18.9	26.1	15	<0.1	2.2	0.3	39	2.24	113.6	<0.5	0.5	2	<0.1	1.6	<0.1	29	<0.01
1205826	Rock	1.48	<2	0.2	1.1	0.5	<1	<0.1	0.8	0.2	31	0.33	0.6	<0.5	0.3	<1	<0.1	<0.1	<0.1	<2	<0.01
1205827	Rock	1.34	16	1.2	41.8	23.9	64	<0.1	27.4	2.4	53	6.72	182.1	16.9	2.0	37	0.2	2.0	0.2	44	0.01
1205828	Rock	1.52	20	0.6	37.5	3.9	29	0.4	7.5	0.9	60	4.30	140.6	18.2	0.9	16	0.1	2.1	<0.1	8	<0.01
1205829	Rock	1.49	<2	6.0	20.9	2.8	11	0.2	1.6	0.3	44	1.04	1.6	<0.5	3.8	10	<0.1	<0.1	0.6	5	0.02
1205830	Rock	0.89	<2	3.3	238.7	10.4	61	0.2	26.9	22.7	3853	3.41	3.4	<0.5	2.1	9	<0.1	<0.1	0.1	10	0.02
1205831	Rock	1.16	<2	6.5	36.7	17.5	98	0.6	27.1	6.0	507	1.77	<0.5	<0.5	2.6	55	3.8	<0.1	0.3	76	2.07
1205832	Rock	1.30	18	2.3	177.4	12.8	190	1.2	94.5	20.1	1124	4.54	<0.5	8.3	2.8	75	0.8	<0.1	0.6	170	1.86

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www.acmelab.com

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

Project: SEA
Report Date: July 20, 2012

CERTIFICATE OF ANALYSIS WHI12000187.1

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
1205670	Rock	0.037	9	32	0.58	1065	0.025	<20	0.85	0.012	0.15	<0.1	<0.01	0.1	<0.05	1.4	<0.5	3	<1	<0.2
1205671	Rock	0.044	10	34	0.62	6608	0.004	<20	1.16	0.013	0.15	<0.1	<0.01	<0.1	0.08	2.3	<0.5	5	<1	<0.2
1205672	Rock	0.124	12	33	0.26	47	0.003	<20	0.34	<0.001	0.08	<0.1	<0.01	0.1	<0.05	1.1	1.1	1	<1	<0.2
1205824	Rock	0.006	3	16	0.01	23	<0.001	<20	0.05	0.003	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<1	<0.2
1205825	Rock	0.070	1	18	<0.01	30	<0.001	<20	0.07	0.002	0.03	0.1	0.03	0.2	<0.05	0.3	1.1	<1	<1	<0.2
1205826	Rock	0.002	1	15	<0.01	9	<0.001	<20	0.03	0.003	0.01	0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<1	<0.2
1205827	Rock	0.186	6	21	<0.01	112	0.002	<20	0.36	0.002	0.04	2.8	0.01	0.4	<0.05	0.8	4.1	<1	<1	<0.2
1205828	Rock	0.081	5	21	<0.01	44	<0.001	<20	0.13	0.002	0.02	0.4	0.02	0.1	<0.05	0.4	6.0	<1	<1	<0.2
1205829	Rock	0.032	9	20	0.01	42	0.036	<20	0.11	0.046	0.03	<0.1	<0.01	<0.1	0.10	0.7	0.6	<1	2	<0.2
1205830	Rock	0.018	13	14	0.42	1181	0.001	<20	0.66	0.004	0.06	<0.1	<0.01	0.4	0.09	1.6	<0.5	3	<1	<0.2
1205831	Rock	0.050	9	64	0.60	64	0.047	<20	0.84	0.023	0.07	0.1	<0.01	0.1	<0.05	2.9	1.2	3	2	<0.2
1205832	Rock	0.081	8	139	2.29	2135	0.313	<20	5.91	0.322	2.02	0.9	<0.01	0.9	0.32	19.9	6.1	18	1	0.3

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Toronto ON M5X 1C9 Canada

Project: SEA
Report Date: July 20, 2012

QUALITY CONTROL REPORT WHI12000187.1

	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																					
1206632	Rock	0.75	<2	2.8	34.4	6.7	156	0.3	32.2	11.3	393	3.14	0.8	<0.5	5.1	47	0.4	<0.1	0.1	57	0.95
REP 1206632	QC			2.3	32.6	6.3	154	0.3	31.2	11.1	384	3.03	0.6	<0.5	4.8	44	0.4	<0.1	0.1	56	0.91
1206635	Rock	1.40	<2	3.8	8.6	4.5	32	<0.1	37.5	11.3	401	2.92	7.7	0.7	7.2	32	0.1	<0.1	<0.1	83	1.11
REP 1206635	QC		<2																		
1205832	Rock	1.30	18	2.3	177.4	12.8	190	1.2	94.5	20.1	1124	4.54	<0.5	8.3	2.8	75	0.8	<0.1	0.6	170	1.86
REP 1205832	QC		17																		
Core Reject Duplicates																					
1206069	Rock	0.81	<2	10.9	70.8	4.5	75	0.2	43.1	15.2	671	2.75	7.2	1.4	1.6	32	<0.1	<0.1	0.2	81	0.54
DUP 1206069	QC		<2	10.8	66.4	4.4	75	0.2	40.2	14.3	641	2.63	7.6	0.6	1.7	31	0.1	<0.1	0.1	79	0.53
Reference Materials																					
STD DS9	Standard			13.4	104.9	119.2	305	1.7	42.1	8.2	576	2.30	25.8	106.5	6.0	65	2.3	3.8	5.7	38	0.71
STD DS9	Standard			12.1	111.1	124.1	312	1.8	41.1	7.6	584	2.35	26.4	117.9	5.8	64	2.4	4.2	4.6	40	0.70
STD OREAS45CA	Standard			0.9	508.9	19.8	60	0.3	246.6	93.6	979	15.94	4.2	44.6	7.0	15	<0.1	<0.1	0.1	221	0.47
STD OREAS45CA	Standard			0.8	488.4	18.4	55	0.3	229.1	89.4	891	14.88	3.6	37.8	6.9	13	<0.1	0.1	<0.1	197	0.41
STD OXC88	Standard		204																		
STD OXC88	Standard		195																		
STD OXG99	Standard		917																		
STD OXG99	Standard		953																		
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265
STD OXG99 Expected			932																		
STD OXC88 Expected			203																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<2																		
Prep Wash																					

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QUALITY CONTROL REPORT WHI12000187.1

		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																					
1206632	Rock		0.107	14	50	1.06	203	0.111	<20	3.04	0.243	0.79	0.4	<0.01	1.4	0.18	7.2	1.3	9	<1	<0.2
REP 1206632	QC		0.103	14	50	1.03	196	0.109	<20	2.96	0.236	0.77	0.4	<0.01	1.3	0.18	7.2	1.0	8	<1	<0.2
1206635	Rock		0.162	17	78	1.57	303	0.164	<20	3.08	0.228	0.71	0.2	<0.01	0.4	<0.05	7.8	<0.5	13	<1	<0.2
REP 1206635	QC																				
1205832	Rock		0.081	8	139	2.29	2135	0.313	<20	5.91	0.322	2.02	0.9	<0.01	0.9	0.32	19.9	6.1	18	1	0.3
REP 1205832	QC																				
Core Reject Duplicates																					
1206069	Rock		0.031	3	63	0.93	521	0.126	<20	2.07	0.136	0.64	0.2	<0.01	0.6	0.12	4.3	<0.5	7	2	<0.2
DUP 1206069	QC		0.031	3	58	0.90	488	0.122	<20	2.02	0.132	0.62	0.2	<0.01	0.5	0.11	4.0	<0.5	6	2	<0.2
Reference Materials																					
STD DS9	Standard		0.082	12	124	0.62	319	0.109	<20	0.95	0.084	0.40	2.7	0.20	5.8	0.16	2.2	5.3	5	6	4.8
STD DS9	Standard		0.082	11	120	0.61	325	0.107	<20	0.95	0.084	0.40	2.8	0.22	5.5	0.17	2.2	5.5	5	6	5.7
STD OREAS45CA	Standard		0.042	15	743	0.16	172	0.129	<20	3.44	0.010	0.07	<0.1	0.04	0.1	<0.05	46.6	<0.5	19	2	<0.2
STD OREAS45CA	Standard		0.035	15	737	0.13	155	0.125	<20	3.39	0.013	0.07	<0.1	0.03	<0.1	<0.05	41.7	<0.5	17	2	<0.2
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXG99	Standard																				
STD OXG99	Standard																				
STD DS9 Expected			0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	5.3	0.1615	2.5	5.2	4.59		5.02
STD OREAS45CA Expected			0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	0.07	0.021	39.7	0.5	18.4		
STD OXG99 Expected																					
STD OXC88 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<1	<0.2
BLK	Blank		<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																				
Prep Wash																					

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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: SEA
Report Date: July 20, 2012

QUALITY CONTROL REPORT WHI12000187.1

		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		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
G1-WHI	Prep Blank		<2	0.1	2.6	2.7	46	<0.1	2.3	4.1	594	2.04	<0.5	3.8	5.2	58	<0.1	<0.1	<0.1	38	0.50
G1-WHI	Prep Blank		<2	<0.1	2.5	3.2	48	<0.1	3.0	4.2	611	2.06	<0.5	1.7	6.2	60	<0.1	<0.1	<0.1	39	0.51

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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
G1-WHI	Prep Blank	0.078	12	8	0.53	161	0.126	<20	0.94	0.092	0.50	0.2	<0.01	0.3	<0.05	2.2	<0.5	5	<1	<0.2
G1-WHI	Prep Blank	0.081	14	9	0.55	179	0.136	<20	1.00	0.108	0.53	<0.1	<0.01	0.4	<0.05	2.4	<0.5	5	<1	<0.2

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