

ASSESSMENT REPORT

2013 GEOCHEMICAL PROGRAM

on the

## **Goodman-Peso Property**

Mayo Mining District, Yukon Territory

for

## **Goldspike Exploration Inc.**

Claims filed for: 'G' 75-78 (YD155995 – YD155998)

NTS Mapsheet: 106D04

UTM Coordinates: E451900, N7098500 (NAD83, Zone 8)

Owner: Goldspike Exploration Inc.

Author: D. Ferraro, HBS.c.

Dates worked performed: August 12<sup>th</sup>, 2013

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## 1.0 SUMMARY

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A 1 day geochemical sampling and prospecting program was conducted on the Goodman-Peso Property on August 12<sup>th</sup>, 2013. The property is owned 100% by Goldspike Exploration Inc. and consists of 481 quartz claims located in the Mayo Mining District. The 'Peso' area referred to in this report consists of 4 contiguous claims in the northeastern area of the Goodman-Peso Property

The Goodman-Peso Property is situated in the McQuesten River area, approximately 150 km ESE of Dawson City and 40 km NNW of Mayo. It can be reached by truck from Mayo via the Silver Trail Highway, McQuesten River bridge, a series of placer mining roads and an access road running along the north side of the McQuesten River. The property was accessed by truck via Secret Creek Road.

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 Upper Proterozoic quartzite, schist, phyllite, conglomerate, and slate. Pyrite, galena, and chalcopyrite mineralization has been observed in quartz veins hosted by quartzite and schist. The Peso claims are adjacent to the historic Peso Silver Mine which operated throughout the 1960s mining a series of 1-5m quartz veins hosting Ag-Pb-Zn-Sb mineralization.

A total 4 rock samples were taken along the Secret Creek. The samples consisted of float and talus as no bedrock was located. The purpose was to follow-up upon soil sampling and prospecting completed on the claims during 2012. The 2012 program showed highly anomalous base metal and arsenic values in soil. One 2013 rock sample, 1201911, yielded 44.3 ppb Au, 3100 ppm As, 984 ppm Pb, 128 ppm Zn, 602 ppm Mn, and 473 ppm Sb. Another sample showed an anomalous mercury value at 3.39 ppm Hg.

The geological setting of the property is favourable to Carlin-style gold mineralization and high-grade vein deposits. Rock sample 1201911 showed a similar geochemical signature to the anomalous elements highlighted during the 2012 soil geochemical survey (with the exception of silver). It is likely this sample is from the mineralized quartz vein system, which while proven at the Peso mine to the east, has yet to be seen to the west.

A ground geophysical survey is recommended. An IP and magnetic survey would be crucial to finding a bedrock source of previous soil anomalies and the potential western extension of the Peso mine vein system.

## 2.0 INTRODUCTION

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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 2013 geochemical and prospecting program on the Peso Property. Field work was performed by Druid Exploration Inc. of Dawson City, Yukon. The report text and maps were written by D. Ferraro, of Ferraro Consulting Ltd. of Woodstock, ON.

## 3.0 PROPERTY LOCATION AND ACCESS

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The Goodman-Peso Property is situated in the McQuesten River area, approximately 150 km ESE of Dawson City and 40 km NNW of Mayo (Figure 1). It can be reached by truck from Mayo by taking the Silver Trail Highway, then branching west to the McQuesten River bridge. This leads to various placer mining roads on the east side of the property (Secret Creek area) and an all-weather road that extends west along the north side of the McQuesten River. The Peso Property was accessed by truck via Secret Creek Road.



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

#### 4.0 TOPOGRAPHY, VEGETATION, AND CLIMATE

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The Goodman-Peso Property is situated in a lower elevation area adjacent to the McQuesten River. The McQuesten River valley is mostly at about 2000 ft elevation. Mountain peaks on the property are mostly at about 3500 ft, but reach as high as 4000 ft on the east side of the property.

Vegetation consists of evergreen and deciduous forest which dominates the slopes. The mountain tops are also vegetated due to lower elevations. Some areas of south facing slopes have sparse spruce tree covering. Bedrock exposure is quite limited across the property (1%). Only peaks on the east side have any significant outcroppings. Outcrop can also be found in the high relief creek valley in the southwest corner of the property.

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: h

## 5.0 PROPERTY DESCRIPTION

The Goodman-Peso Property consists of 481 quartz claims in the Mayo Mining District. The 342 'MQ' claims, 65 'GM' claims, and 74 'G' claims can be found on NTS mapsheets 115P16, 116A01, 106D03, and 105M13 (see Figure 2). All claims are contiguous except for 4 'G' claims (G75-78) in the northeast corner, which are referred to as the 'Peso' claims in this report. The claims are owned 100% by Goldspike Exploration Inc. of Toronto, Ontario with the exception of 31 claims in the process of transferring.

A complete list of the mining claims that make up the Goodman-Peso Property is as follows:

Table 1: Claims comprising the Goodman-Peso Property.

Claim Name	Claim Number	Grant Number	Claim Owner (100%)	Claim Expiry Date	Status	NTS Map Number
MQ	1	YD94301	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	2	YD94302	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	3	YD94303	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	4	YD94304	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	5	YD94305	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	6	YD94306	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	7	YD94307	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	8	YD94308	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	9	YD94309	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	10	YD94310	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	11	YD94311	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	12	YD94312	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	13	YD94313	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	14	YD94314	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	15	YD94315	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	16	YD94316	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	17	YD94317	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	18	YD94318	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	19	YD94319	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	20	YD94320	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	21	YD94321	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	22	YD94322	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	23	YD94323	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	24	YD94324	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	25	YD94325	Goldspike Exploration Inc.	01/09/2016	Active	115P16



MQ	67	YD94367	Goldspike Exploration Inc.	01/09/2016	Active	115P16
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MQ	104	YD94404	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	105	YD94405	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	106	YD94406	Goldspike Exploration Inc.	01/09/2016	Active	115P16
MQ	107	YD94407	Goldspike Exploration Inc.	01/09/2016	Active	115P16











MQ	313	YD95613	Goldspike Exploration Inc.	01/09/2016	Active	115P16
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MQ	315	YD95615	Goldspike Exploration Inc.	01/09/2016	Active	115P16
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G	3	YD155913	<i>Jason Daigle*</i>	01/09/2017	Active	115P16
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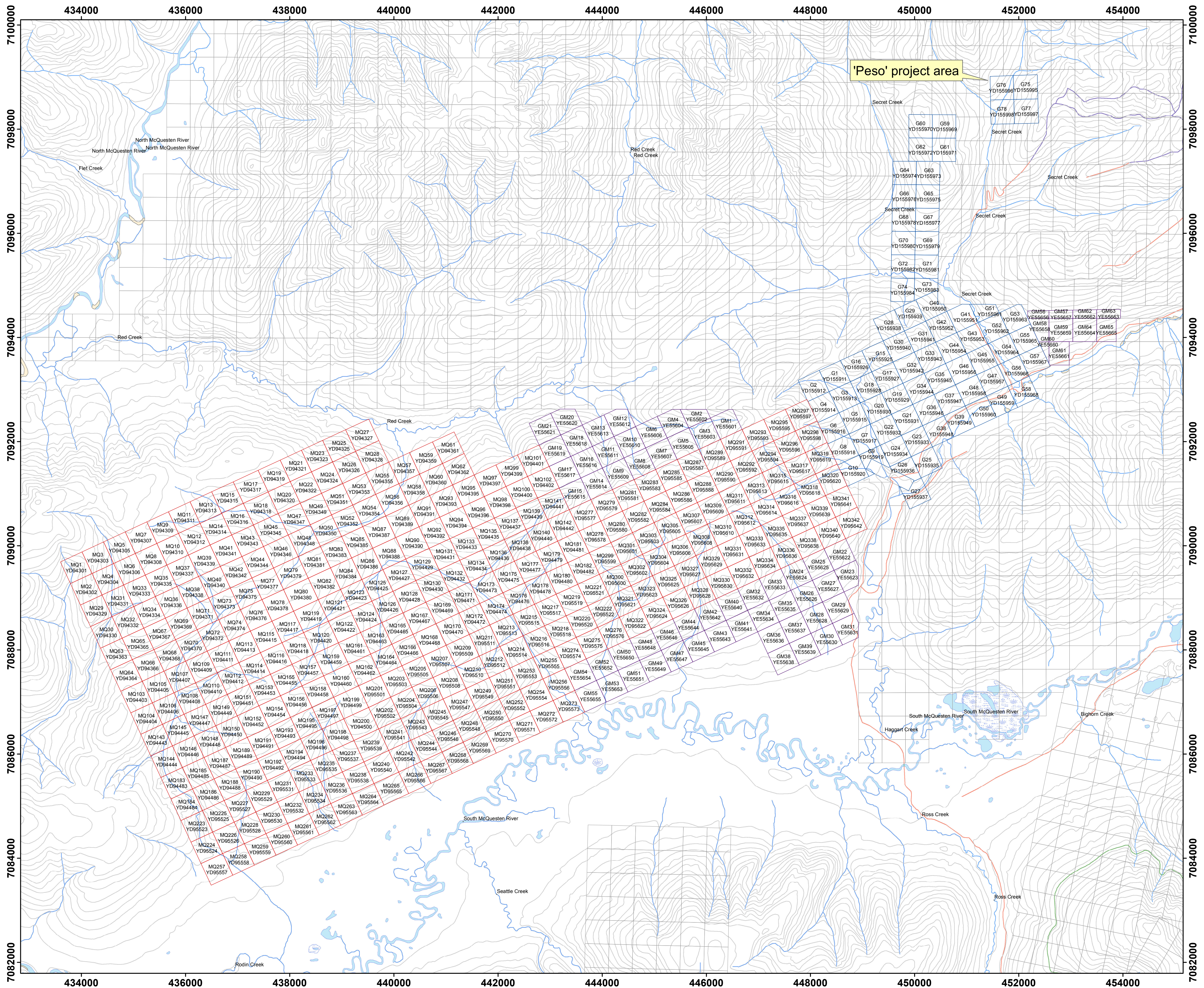
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G	72	YD155982	<i>Richard Daigle*</i>	01/09/2017	Active	115P16
G	73	YD155983	<i>Richard Daigle*</i>	01/09/2017	Active	115P16
G	74	YD155984	<i>Richard Daigle*</i>	01/09/2017	Active	115P16
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G	76	YD155996	Goldspike Exploration Inc.	01/09/2021	Active	106D04
G	77	YD155997	Goldspike Exploration Inc.	01/09/2021	Active	106D04
G	78	YD155998	Goldspike Exploration Inc.	01/09/2021	Active	106D04
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GM	2	YE55602	Goldspike Exploration Inc.	21/02/2017	Active	115P16
GM	3	YE55603	Goldspike Exploration Inc.	21/02/2017	Active	115P16
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GM	11	YE55611	Goldspike Exploration Inc.	21/02/2017	Active	115P16
GM	12	YE55612	Goldspike Exploration Inc.	21/02/2017	Active	115P16
GM	13	YE55613	Goldspike Exploration Inc.	21/02/2017	Active	115P16
GM	14	YE55614	Goldspike Exploration Inc.	21/02/2017	Active	115P16
GM	15	YE55615	Goldspike Exploration Inc.	21/02/2017	Active	115P16
GM	16	YE55616	Goldspike Exploration Inc.	21/02/2017	Active	115P16
GM	17	YE55617	Goldspike Exploration Inc.	21/02/2017	Active	115P16
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GM	63	YE55663	Goldspike Exploration Inc.	21/02/2017	Active	105M13
GM	64	YE55664	Goldspike Exploration Inc.	21/02/2017	Active	105M13
GM	65	YE55665	Goldspike Exploration Inc.	21/02/2017	Active	105M13

\*In process of being transferred to Goldspike Exploration Inc.

Figure 2: Claim Location Map



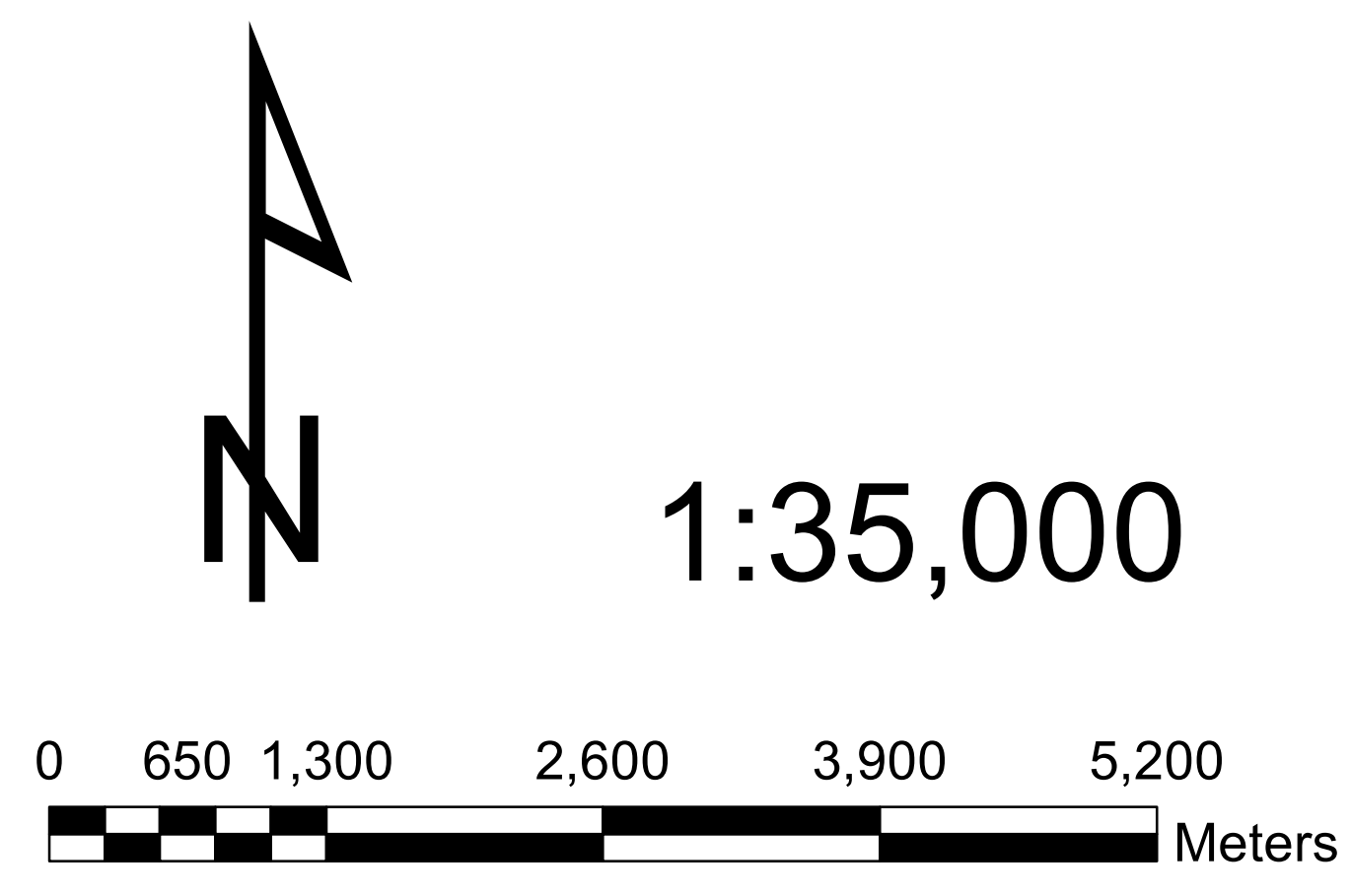
# Goodman Property

Fig. 2: Claim Location Map  
Goldspike Exploration Inc.

Goodman Creek area,  
Mayo Mining District

## Legend

- 'MQ' claims
- 'G' claims
- 'GM' claims
- Yukon quartz claims



Date: October, 2012  
 Mapsheets: 115P16, 116A01,  
 106D03, 105M13  
 Datum: UTM NAD83 Zone 8

## 6.0 PROPERTY HISTORY

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There is very little previous hard rock exploration on the Goodman Property, but the area has a rich history of placer mining reaching back to the 1890s. Specifically Secret Creek and Goodman Creek have shown placer production up to the present day.

The southwest of the property was staked as the Rodin claims in 1963 and restaked as the RC claims in 1994. No work was done (Minfile 115P005). The SECRET Minfile occurrence located on Secret Creek was explored as a tin-tungsten prospect by Canada Tungsten Mining Corp. and Queenstake Resources Ltd. in 1978, based on government stream sediment geochemistry (Minfile 115P028). A geochemical survey of the SECRET property included 211 silt and 265 one metre-deep auger soil samples in an area described as largely overburden and brush-covered. Canada Tungsten's assessment report considered gold values over 10 ppb to be anomalous for the area, and identified three areas of anomalous gold in silt with values of 70 to 140 ppb Au. The gold was inferred to be related to east-northeast extensional faults that are contemporaneous with intrusive activity in the area (Bremner, 2010).

The Peso claims are adjacent to the historic Peso Silver Mine which operated throughout the 1960s mining a series of 1-5m quartz veins hosting Ag-Pb-Zn-Sb mineralization.

The Property borders Victoria Gold's DUB claims, termed the Dublin Gulch Property. Victoria Gold has loosely defined the 'Potato Hills trend', a 20 km long, ENE zone of mineralization. This trend hosts the Eagle Gold Project (3 km east of Goodman). Recent drilling at Eagle has defined an indicated mineral resource of 4.8 million ounces gold. Victoria Gold has also conducted drilling at Rex-Peso, adjacent to Goldspike's Peso claims (G75-78), showing 27.44m of 382 g/t Ag along with numerous grab samples up to 3 g/t Au and <6000 g/t Ag (Mosher and Triebel, 2011).

Goldspike Exploration Inc. has performed prospecting and soil sampling on the property during 2011 and 2012, outlining numerous geochemical anomalies.

## 7.0 GEOLOGY

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### 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 Goodman, 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 Goodman-Peso Property is underlain by Upper Proterozoic quartzite, schist, phyllite, and conglomerate. A large slate unit is mapped by Muphy and Heon (1996) covering the northwestern edge of the property (Figure 3). Various thin units of limestone are also mapped throughout the region. Small, <500m, units of Lower Tertiary porphyry/rhyolite units are mapped adjacently east to the Peso claims

The MQ claims cover active and historic placer claims in Goodman Creek, Rodin Creek, and an unnamed east-flowing tributary of Secret Creek, as well as one 98th percentile (46 ppb) and three 95th percentile (26, 18 and 17 ppb) gold silt anomalies in unnamed tributaries of the McQuesten River, Red Creek, and Secret Creek. These gold placers and silt anomalies drain in all directions from an east-northeast trending ridge system that is approximately on trend with the Dublin Gulch deposit, and is underlain by the same Hyland Group metamorphic rocks that host the Dublin Gulch deposit (Bremner, 2010).

Observations during the 2011 and 2012 work program revealed the property is dominated by quartzite and muscovite-chlorite schists. Slate and limestone outcrops were observed in northwest of the property. Schists are generally well foliated and display varying degrees of deformation. Isoclinal folds are commonly observed where outcrop is available. On the west side of the property, the metasediments appear to strike ENE and dip shallowly to the north. To the east, the strike and dip tends to be more EW while still dipping shallowly to the north.

Quartz veining is consistent in outcrop and in angular boulders throughout the property. Veins have been observed as wide as 2 ft thick. Stockwork was also found in boulders east of Goodman Creek. Rocks are generally well oxidized, rusty, and weathered. Pyrite mineralization is fairly common in the quartz veins and wallrock. Galena, pyrite, chalcopyrite, and scorodite was observed in the southwest of the property in quartz veins within mica-graphite schist as well as in a tributary of Goodman Creek. A new showing of stibnite mineralization with sulfur was discovered in the quartzites near Haggart Creek.

Medium grained, equigranular, pink granite boulders were observed on the east area of the property near Haggart Creek.

Figure 3: Bedrock Geology Map

# Goodman Property

Fig. 3: Bedrock Geology Map

Goldspike Exploration Inc.

Goodman Creek area,  
Mayo Mining District

## Legend

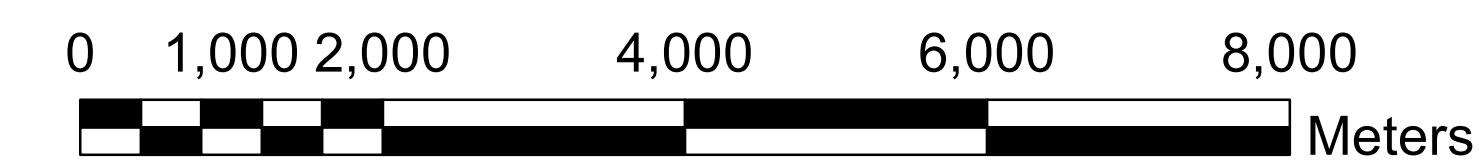
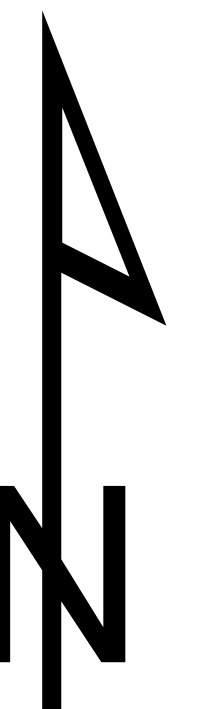
- 'MQ' claims
- 'G' claims
- 'GM' claims

## Bedrock Geology

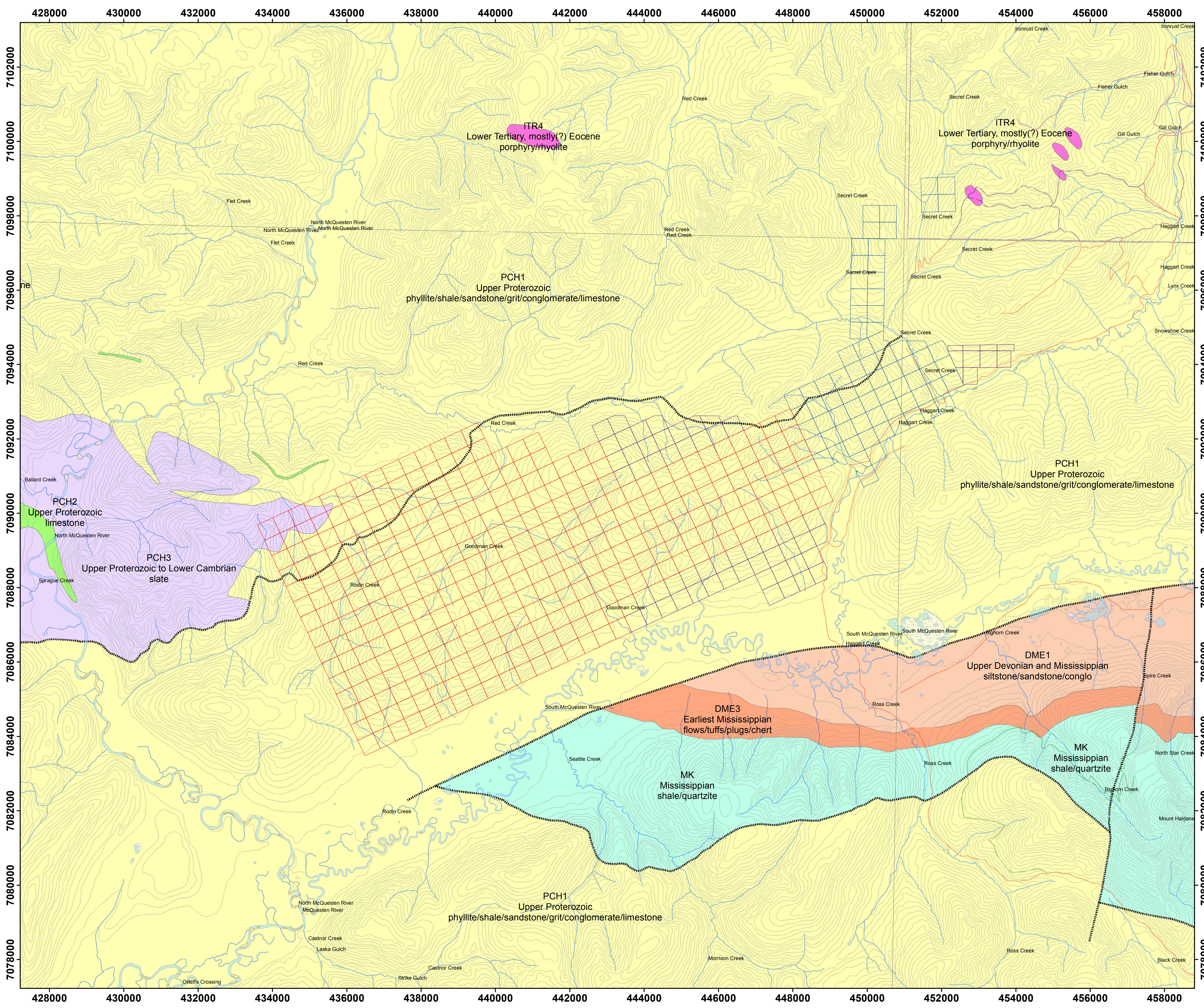
### Lithology

- shale/siltstone/sandstone/limestone
- phyllite/shale/sandstone/grit/conglomerate
- siltstone/sandstone/conglo
- flows/tuffs/plugs/chert
- shale/quartzite
- slate
- limestone
- porphyry/rhyolite
- Fault lines

1:50,000



Date: March, 2012  
Mapsheets: 115P16, 116A01,  
106D03, 105M13  
Datum: UTM NAD83 Zone 8



## **8.0 2011 WORK PROGRAM**

---

### **8.1 Sampling Method and Approach**

A 1 day geochemical sampling program was conducted on the Peso claims on August 12<sup>th</sup>, 2013. Working out of Keno City, YT, a crew of 2 geologists collected 4 rock samples (see Figure 4 for sample locations).

Rock samples were taken based on mineralogy, structure and lithology. Due to the lack of outcrop on the property, many samples were taken by digging small pits and sampling the talus. Samples were placed inside labeled plastic poly bags with the corresponding sample tag. Sample descriptions were recorded in a field notebook and the location recorded by GPS unit. Sample locations were marked with flagging tape labeled with the sample number. Rock sample descriptions can be found in Appendix I.

### **8.2 Sample Preparation, Analysis, and QA/QC**

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-HNO<sub>3</sub>-H<sub>2</sub>O); following this, the samples were analysed by inductively-coupled plasma mass spectrometry (ICP-MS) techniques (Acme's Group 1DX2). Multi-elemental analysis of 36 elements was made.

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

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

### **8.3 Results**

The 2013 program was limited in scope. The objectives were to seek further road access to the property, locate any bedrock in the lower elevations, and explore the western edge of the claims for bedrock.

Of the 4 rock samples taken, one sample returned significant results. Sample 1201911, a float grab, was composed mostly of quartz vein material with MnO infilling fractures as well as arsenopyrite seams, specular hematite and minor pyrite (Photo 2). The sample yielded significant arsenic and base metal values, as well as a weakly anomalous gold value. Significant values for this sample include 44.3 ppb Au, 3100 ppm As, 984 ppm Pb, 128 ppm Zn, 602 ppm Mn, and 473 ppm Sb.

Another rock sample, 1201914, yielded a significant mercury value. This float sample consisted of a silicified quartzite with MnO and minor fine sulphide. It assayed 60 ppb Au with 3.39 ppm Hg. This value is strongly anomalous when compared to samples taken in the area between 2011 and 2012.

See Figure 5 for a sample geochemistry map. Rock sample results can be found in Appendix II.



Photo 2: Rock sample 1201911 yielded 44.3 ppb Au, 3100 ppm As, 984 ppm Pb, 128 ppm Zn, 602 ppm Mn, and 473 ppm Sb.





# Goodman-Peso Property

Fig. 4: Sample Location Map

Goldspike Exploration Inc.

Secret Creek area,  
Mayo Mining District

## Legend

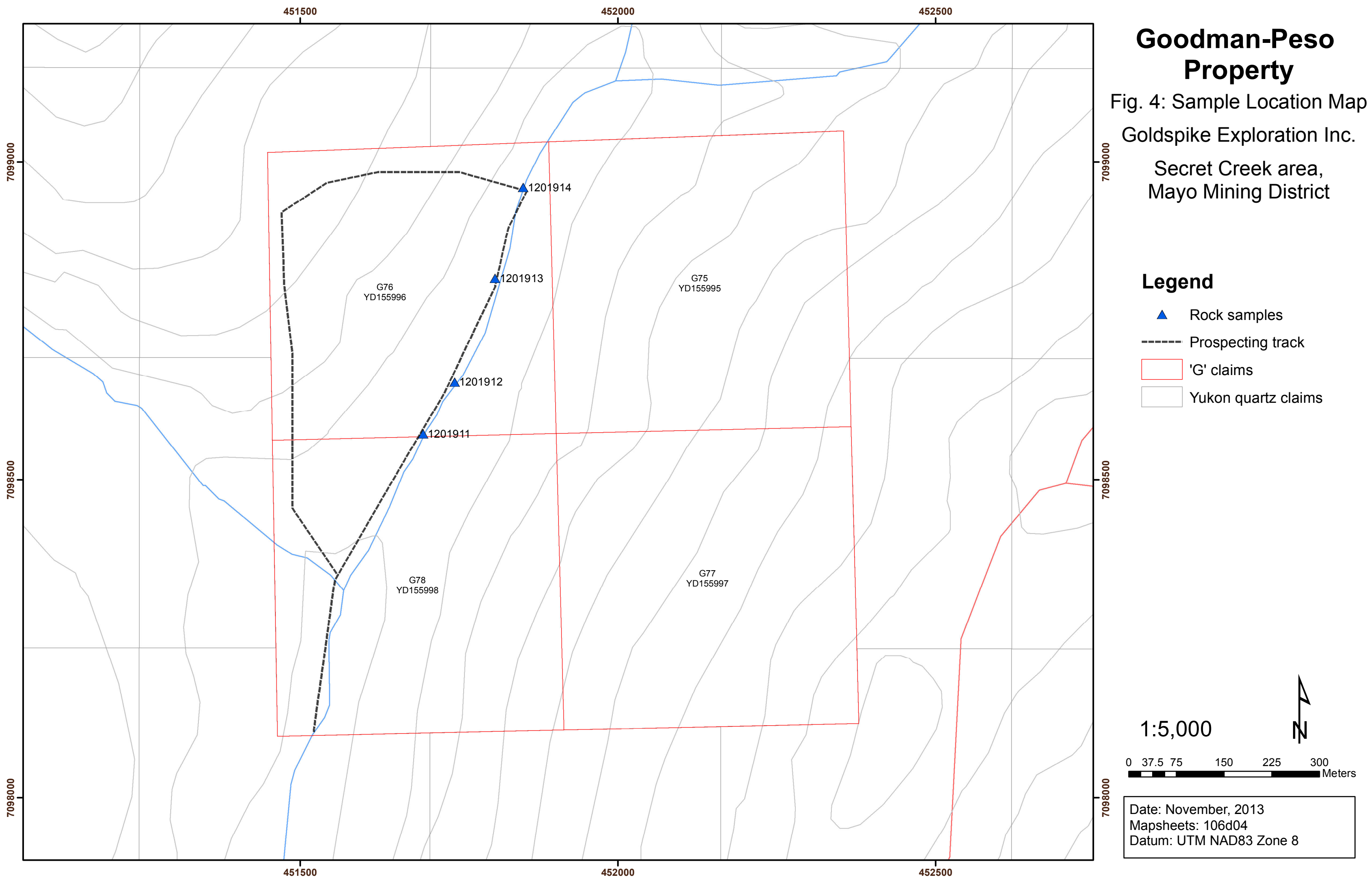
-  Rock samples
-  Prospecting track
-  'G' claims
-  Yukon quartz claims

1:5,000

0 37.5 75 150 225 300 Meters



Date: November, 2013  
Mapsheets: 106d04  
Datum: UTM NAD83 Zone 8



# Goodman-Peso Property

Fig. 5: Sample Geochemistry

Goldspike Exploration Inc.

Secret Creek area,  
Mayo Mining District

## Legend

- ▲ Rock samples
- 'G' claims
- Yukon quartz claims

60ppb Au / 78.7ppm As / 3.1ppm Pb / 5ppm Zn / 18ppm Sb / 3.39ppm Hg

2.9ppb Au / 15.9ppm As / 10.9ppm Pb / 2ppm Zn / 5.6ppm Sb / 0.05ppm Hg

4.4ppb Au / 33.7ppm As / 23.5ppm Pb / 20ppm Zn / 21ppm Sb / 0.7ppm Hg

44.3ppb Au / 3100ppm As / 984.2ppm Pb / 128ppm Zn / 473ppm Sb / 0.07ppm Hg

1:5,000



0 37.5 75 150 225 300 Meters

Date: November, 2013  
Mapsheets: 106d04  
Datum: UTM NAD83 Zone 8

## 9.0 CONCLUSIONS AND RECOMMENDATIONS

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The Goodman-Peso Property is located in a geological setting favourable to gold mineralization. Although little evidence for a large intrusive body has been observed on the property, there is still potential for Carlin-style mineralization in the Upper Proterozoic-Lower Cambrian Hyland Group rocks as well as high-grade vein deposits.

The Peso claims lie next to the historic Peso Silver Mine and are within Victoria Gold's Potato Hills trend. It is likely that the veins mined in the 1960s extend on to these claims. Soil sampling on the claims during 2012 showed significant anomalous base metals including gold (weak), silver, arsenic, antimony, lead, and zinc.

Rock sample 1201911 showed a similar geochemical signature to the anomalous elements highlighted during the 2012 soil geochemical survey (with the exception of silver). It is likely this sample is from the mineralized quartz vein system, which while proven at the Peso mine to the east, has yet to be seen to the west.

A ground geophysical survey is recommended. An IP and magnetic survey would be crucial to finding a bedrock source of previous soil anomalies and the potential western extension of the Peso mine vein system.

## REFERENCES

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Bremner, T. (2010): Goodman Property MQ 1-342 Claims (applications pending) 115P16, Mayo Mining District, for YC Syndicate, Goldspike Exploration Inc.

Mosher, G. and Triebel, K. (2011): Technical Report on the Eagle Zone, Dublin Gulch Property, Yukon Territory, Canada. Victoria Gold Corp., Vancouver, BC.

Murphy, D. (1996): Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Areas, Yukon Territory (115P/14, 15, 16; 105M/13, 14. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 6, 122 p.

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.

Natural Resources Canada, Atlas, (12/05/2006):  
[http://atlas.nrcan.gc.ca/auth/english/maps/reference/provinceterritories/yukon\\_territory/referencemap\\_image\\_view](http://atlas.nrcan.gc.ca/auth/english/maps/reference/provinceterritories/yukon_territory/referencemap_image_view) (visited 01/02/2012)

Yukon Minfile 115P005 (1996): RODIN, Yukon Geological Survey.

Yukon Minfile 115P028 (1996): SECRET, Yukon Geological Survey.

## STATEMENT OF EXPENDITURES

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Costs associated with the Peso area of the Goodman Property  
Claims 'G' 75 - 78  
Worked August 12<sup>th</sup>, 2013

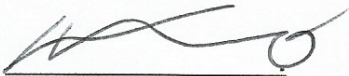
Geologist wages (2 men)	\$450/day	\$2,700.00
truck fuel		\$260.00
truck rental	\$150/day	\$450.00
rock sample assay	\$30x4 samples	\$120.00
assessment report		\$800.00
food	\$40/man/day	\$240.00
accomodation in Keno	\$130/rm/night	\$260.00
consumables (bags, flagging, etc)		\$100.00
<b>TOTAL</b>		<b>\$4,930.00</b>

## 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 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 consulting 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., Goldstrike Resources Ltd., 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, HBSc.

Date: Feb. 1 2014

## Appendix I: Rock Sample Descriptions

# Rock Sample Descriptions

UTM NAD83 Zone 8

Abbreviations: qtz - quartz, py - pyrite, cpy - chalcopyrite, po - pyrrhotite, aspy - arsenopyrite, chl - chlorite, fg - fine grained, mg - medium grained, metased - metasedimentary, min - mineralization, OC - outcrop

Sample ID	Easting	Northing	Elevation (m)	Date Taken	Source	Description
1201911	451693	7098572	799	12-Aug-13	float	Quartz talus, semi-rounded with MnO, fractured, aspy seams, specular hematite, minor py.
1201912	451743	7098654	804	12-Aug-13	float	Felsic breccia, fairly fresh, some oxidation.
1201913	451807	7098817	811	12-Aug-13	float	Quartzite boulder, angular with qtz veinlets 0.5-1cm, reddish hematitic fractures.
1201914	451851	7098960	816	12-Aug-13	float	Silicified quartzite with oxidized fractures + MnO. Rainbow iron staining with vfg py.

Appendix II: Rock Sample Assay Certificates



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Acme Analytical Laboratories (Vancouver) Ltd.  
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
PHONE (604) 253-3158

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

Submitted By: Bruce Durham  
Receiving Lab: Canada-Whitehorse  
Received: September 09, 2013  
Report Date: October 03, 2013  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI13000395.1

### CLIENT JOB INFORMATION

Project: MQ-Peso  
Shipment ID: PesoRx2013  
P.O. Number  
Number of Samples: 4

### SAMPLE DISPOSAL

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

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

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

CC: Daniel Ferraro

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	4	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	4	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	4	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

### ADDITIONAL COMMENTS



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



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 PHONE (604) 253-3158

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

**Project:** MQ-Peso  
**Report Date:** October 03, 2013

**Page:** 2 of 2

**Part:** 1 of 2

# CERTIFICATE OF ANALYSIS

WHI13000395.1

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	
1201911	Rock	0.78	61	0.1	22.7	984.2	128	0.7	7.6	6.3	602	1.74	3100	44.3	4.2	7	1.8	473.0	7.4	<2	0.04
1201912	Rock	0.87	7	0.3	7.0	23.5	20	0.2	5.5	2.4	103	1.87	33.7	4.4	2.0	17	0.1	21.0	0.2	2	0.03
1201913	Rock	1.03	11	0.2	2.4	10.9	2	<0.1	1.6	0.3	43	0.57	15.9	2.9	1.5	4	<0.1	5.6	<0.1	<2	0.02
1201914	Rock	0.90	66	0.3	12.3	3.1	5	0.1	3.2	0.4	86	1.84	78.7	60.0	1.5	2	<0.1	18.0	0.4	3	<0.01



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Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
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**Client:** Goldspike Exploration Inc.  
 56th Floor - 100 King Street West  
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**Project:** MQ-Peso  
**Report Date:** October 03, 2013

**Page:** 2 of 2

**Part:** 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000395.1

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	Te	
Unit	%	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	0.2	
1201911	Rock	0.017	8	8	0.01	66	<0.001	<20	0.07	0.002	0.04	<0.1	0.07	<0.1	0.13	0.4	3.3	<1	0.5
1201912	Rock	0.008	6	6	0.01	73	0.002	<20	0.14	0.002	0.10	<0.1	0.70	0.1	<0.05	0.4	<0.5	<1	<0.2
1201913	Rock	0.004	6	7	0.01	22	<0.001	<20	0.13	0.001	0.10	<0.1	0.05	<0.1	<0.05	0.3	<0.5	<1	<0.2
1201914	Rock	0.006	6	11	<0.01	21	<0.001	<20	0.09	0.002	0.06	<0.1	3.39	<0.1	<0.05	0.2	1.9	<1	<0.2

## QUALITY CONTROL REPORT

WHI13000395.1

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
Reference Materials																				
STD DS9	Standard		11.7	110.7	129.0	307	1.6	42.2	7.7	585	2.37	27.2	112.2	6.1	67	2.4	4.0	6.8	40	0.72
STD OREAS45EA	Standard		1.6	701.8	15.3	31	0.3	394.8	52.9	399	23.90	9.5	54.7	10.2	4	<0.1	0.2	0.3	306	0.04
STD OXC109	Standard	208																		
STD OXI96	Standard	1797																		
STD OXC109 Expected		201																		
STD OXI96 Expected		1802																		
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 OREAS45EA Expected			1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	303	0.036
BLK	Blank	6																		
BLK	Blank	7																		
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																				
G1-WHI	Prep Blank	6	<0.1	3.4	3.0	44	<0.1	2.6	3.9	538	1.78	<0.5	1.3	4.3	48	<0.1	<0.1	<0.1	33	0.49



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**Project:** MQ-Peso  
**Report Date:** October 03, 2013

Page: 1 of 1

Part: 2 of 2

# QUALITY CONTROL REPORT

WHI13000395.1

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	Te	
Unit	%	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	0.2	
Reference Materials																			
STD DS9	Standard	0.090	11	121	0.63	302	0.103	<20	0.95	0.084	0.41	2.7	0.22	5.4	0.17	2.2	5.4	4	5.0
STD OREAS45EA	Standard	0.029	7	885	0.09	145	0.090	<20	3.22	0.026	0.06	<0.1	<0.01	<0.1	<0.05	74.5	0.6	13	<0.2
STD OXC109	Standard																		
STD OXI96	Standard																		
STD OXC109 Expected																			
STD OXI96 Expected																			
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 OREAS45EA Expected		0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			0.072	0.036	78	0.6	11.7	0.07
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	<0.2
Prep Wash																			
G1-WHI	Prep Blank	0.071	10	6	0.50	150	0.113	<20	0.89	0.071	0.48	<0.1	<0.01	0.3	<0.05	2.2	<0.5	4	<0.2