

**GEOCHEMICAL REPORT  
ON THE  
KEREMEOS SILVER PROPERTY**



**RICHTER MOUNTAIN, BRITISH COLUMBIA**

**NTS 082E04E**

**LAT. 49°03'25"N LONG. 119°41'24"W**

**SIMILKAMEEN MINING DIVISION**

**BC Geological Survey  
Assessment Report  
30939**

**Event No. 4255844**

**For**

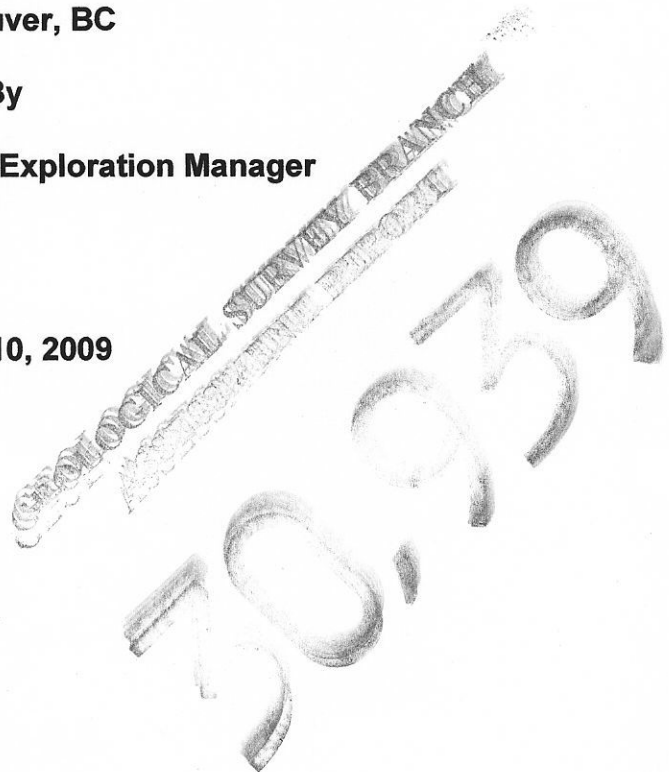
**Silver Fields Resources Inc.**

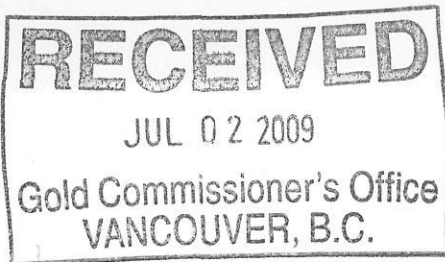
**Vancouver, BC**

**By**

**James W. Laird, BC Exploration Manager**

**JUNE 10, 2009**



**ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY**

<b>TITLE OF REPORT [type of survey(s)]</b> GEOCHEMICAL REPORT ON THE KEREMEOS SILVER PROPERTY		<b>TOTAL COST</b> \$33,510.25
<b>AUTHOR(S)</b> JAMES W. LAIRD	<b>SIGNATURE(S)</b> <i>James W. Laird</i>	
<b>NOTICE OF WORK PERMIT NUMBER(S)/DATE(S)</b>		<b>YEAR OF WORK</b> 2008
<b>STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S)</b>		<b>EVENT NUMBER</b> 4755844
<b>PROPERTY NAME</b> Keremeos Silver, HORN SILVER MINE		
<b>CLAIM NAME(S) (on which work was done)</b> <del>Even</del> Keremeos Silver - 532764; KS-2 560871; KS-3 - 560872; Silver Horn 1 - 571528; Silver Horn 2 - 573858		
<b>COMMODITIES SOUGHT</b> Ag, Au, Pb, Zn, Cu		
<b>MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN</b> 082ESW 002		
<b>MINING DIVISION</b> Osoyoos	<b>NTS</b> 082E04E	
<b>LATITUDE</b> 49° 03' 25"	<b>LONGITUDE</b> 119° 41' 24"	(at centre of work)
<b>OWNER(S)</b>		
1) SILVER FIELDS RESOURCES INC. 2)		
<b>MAILING ADDRESS</b> Suite 900, 555 Burrard St. Pental II, Vancouver, BC V7X 1M8		
<b>OPERATOR(S) [who paid for the work]</b>		
1) SAME 2)		
<b>MAILING ADDRESS</b> SAME		
<b>PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):</b> Silver, Gold and base metals occur in quartz veins hosted within Jurassic Kugler syenite.		
<b>REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS</b> 5293, 16629, 18378, 20609		

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping _____			
Photo interpretation _____			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic _____			
Electromagnetic _____			
Induced Polarization _____			
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
<b>GEOCHEMICAL</b>			
(number of samples analysed for ...)			
Soil _____	203 samples, 5.1 km of grid	ALL	
Silt _____			
Rock _____			
Other _____			
<b>DRILLING</b>			
(total metres; number of holes, size)			
Core _____			
Non-core _____			
<b>RELATED TECHNICAL</b>			
Sampling/assaying _____	203 soil samples, 3 rocks	ALL	
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
<b>PROSPECTING (scale, area)</b> _____			
<b>PREPARATORY/PHYSICAL</b>			
Line/grid (kilometres) _____	5.1 kms.	ALL	
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			

TOTAL COST \$33,510.25

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**Photo 1**

**Keremeos Silver Property, Horn Silver Mine Area**

## **SUMMARY**

The Keremeos Silver Property is located approximately 26 kilometres from the town of Keremeos, BC, and 35 kilometres from the city Osoyoos, in the Osoyoos Mining Division. The property is approximately 5 hours drive from Vancouver, BC, via Highway 3 to a series of gravel roads which leave the highway near Osoyoos. The gravel roads are followed approximately 20 kms to the property area.

During 2008, a geochemical soil sampling survey and general prospecting was carried out over a portion of the 677.35 hectare Keremeos Silver Property, which is presently comprised of five mineral tenures 100% owned by Silver Fields Resources Inc..

The focus of the exploration program was to evaluate the geochemical signature of prospective areas of the property for gold, silver, lead and zinc mineralization and to prospect for vein structures or unreported workings.

The geochemical exploration program produced a high-level multi-element soil anomaly, which was then re-sampled in new soil holes located near the anomalous sites, and on a closer-spaced grid adjacent to the soil anomaly. The anomaly was confirmed and expanded by the secondary sampling. Upon examining the area in detail, a barren looking quartz-vein system was located and sampled. This sample produced highly anomalous results by fire assay, and constitutes an exciting new discovery well worthy of additional detailed exploration work. The new vein system is vertically above the old mine workings of the Horn Silver Mine, and is designated the "Silver Fields Vein".





0 50 100 150 200  
 Kilometers

<b>Silver Fields Resources Inc.</b>	
	Keremeos Property
	Location Map
Author:	
Office:	
Figure:	
Scale: as shown	

## **1.0 INTRODUCTION**

The 2008 exploration program on the Keremeos Silver Property consisted of geochemical soil sampling surveys and general prospecting. The surveys were carried out by field personnel under the direction of James Laird of Laird Exploration Ltd. and overseen by Dr. K. W. Geiger Ph.D., P.Eng., P.Geol., of Silver Fields Resources Inc..

The 2008 geochemical exploration program consisted of 5.1 kilometres of grid line establishment with commensurate sampling and analyses of 203 soil samples taken at 25 and 12.5 metre intervals on flagged lines 100 and 50 metres apart. Three rock samples were also taken and assayed.

## **2.0 LOCATION / INFRASTRUCTURE**

The mineral property area is located approximately 26 kilometres southeast of the town of Keremeos, and approximately 35 northwest of the city of Osoyoos. The Keremeos Silver Property is approximately 5 hours drive east of Vancouver via Highway 3 to a series of gravel roads which leave the highway near Osoyoos. The gravel roads are followed about 20 kms to the property area.

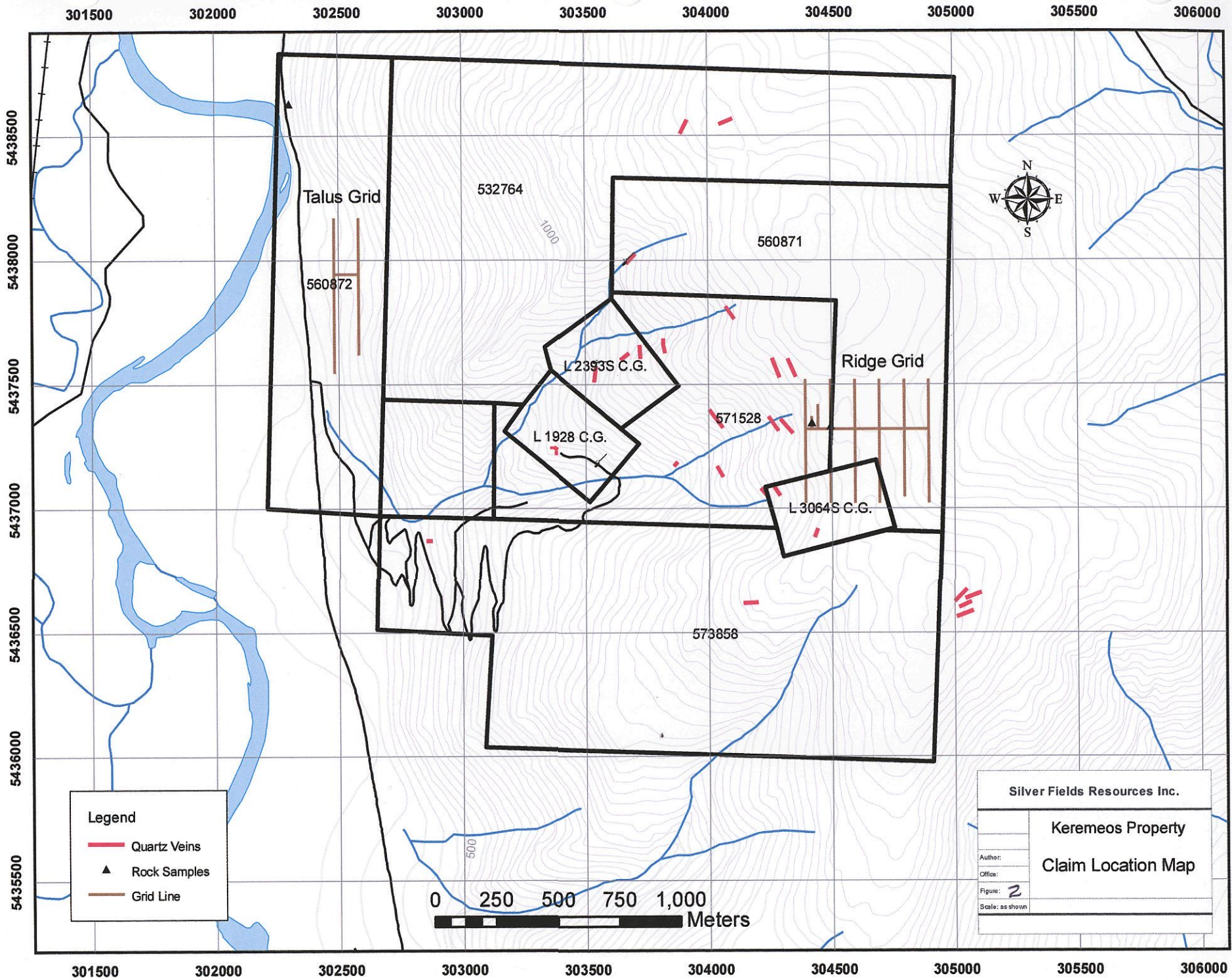
The population of the Keremeos/Cawston area is approximately 2000 residents with an economy based on fruit orchards, service industries, and increasingly tourism.

## **3.0 PHYSIOGRAPHY AND CLIMATE**

The property lies between elevations of approximately 400 metres and 1400 metres, on the southwest slope of Mount Richter. The upper part of the property lies mostly in sub-alpine, while the lower regions are treed with fir, cedar, spruce and pine. Open areas are covered with grasslands and scrub brush.

The area lies within a temperate climatic zone with alpine climates present in surrounding mountainous areas. Precipitation is low, averaging about 30 cm/year in nearby Keremeos. January temperatures range between  $-40^{\circ}$  to  $+5^{\circ}$  Celsius, while July temperatures vary between  $15^{\circ}$  to  $40^{\circ}$  Celsius. Snow levels can be extensive in the alpine regions.





**Legend**

- Quartz Veins
- ▲ Rock Samples
- Grid Line

**Silver Fields Resources Inc.**

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**Keremeos Property**

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Author: \_\_\_\_\_

Office: \_\_\_\_\_

Figure: **2**

Scale: as shown

#### 4.0 PROPERTY STATUS

The Keremeos Silver Property is presently comprised of five contiguous MTO mineral tenures totaling 677.35 hectares, located on NTS 082E map sheet. The claims have an expiry date of January 10, 2015, assuming acceptance of this report. The claims are situated within the Osoyoos Mining Division of British Columbia, and are owned 100% by Silver Fields Resources Inc. Three Crown-Granted mining claims occur within the claim boundaries and are not owned by Silver Fields. These claims contain the former Horn Silver Mine, although underground workings from the mine persist onto Silver Fields mineral claims.

<b>Claim Name</b>	<b>Tenure Number</b>	<b>Area (ha)</b>	<b>Expiry Date</b>
Keremeos Silver	532764	190.48	Jan. 10, 2015
KS-2	560871	105.83	Jan. 10, 2015
KS-3	560872	84.66	Jan. 10, 2015
Silver Horn 1	571528	105.84	Jan. 10, 2015
Silver Horn 2	573858	190.54	Jan. 10, 2015

#### 5.0 HISTORY

The following is taken from the BC Minfile description of the Horn Silver Mine:

“The Horn Silver Mine was first staked in 1901 by J. Hunter, which was transferred a short time later to I.W. Powell. In 1909, the Horn Silver (Lot 1928) and Silver Bell (Lot 2393s) claims were Crown granted to I.W. Powell. Development commenced in 1914 and mining in 1915, under the direction of the Condit brothers, and continued until 1922. Management was transferred to P.W. Powell when liens for unpaid wages were placed against the property. The property now consisted of the Horn Silver 1-3, Annex, Silver Plate, Golden Horn and Silver Bell claims.

In 1924, the property was optioned to Alaskan interests under the name British American Mining Corp. The company name was changed in 1925 to Horn Silver Mining Corp. A 20-tonne per day mill operated in 1926. Property ownership was transferred to Nighthawk Mines Ltd. in 1927, which changed names to Big Horn Silver Mines Ltd. and then to Big Horn Mines Ltd. The company also held the adjacent Woodrow and Silver Glance claims. By 1929, Canada Radium Corp. Ltd. optioned the Horn Silver (Lot 1928), Silver Bell (Lot 2393s) and the Silver Bell 1-5 and 7-8 claims from G.F. Ramsey, V. Tishhasuer and H. Graham.

The company name was changed in 1963 to Santos Silver Mines Ltd. Utica Mines Ltd. acquired a controlling interest in 1964 and expanded the property to 43 claims. A 272-tonne per day mill was erected in 1967 and capacity increased to 363-tonnes per day in



the same year. Mining ceased in 1970. The company name was changed in 1971 to Dankoe Mines Ltd. and production resumed in 1974 at 113 to 159-tonnes per day, including ore from the Dusty Mac (082ESW078). Operations were again temporarily suspended in 1981 and the mine closed in October 1984.

Total underground development consisted of four main levels, designated the 2400, 2600, 2800 and 3000 levels and sublevels totaling over 2.29 kilometres. The 2600 level was the main operating level, where the A vein was mined. The 2800 level was an old adit at the west end of the structure. The A vein and N vein were mined on the 2570 sublevels. The earliest mining was conducted on the H vein. The 3000 level (adit) is at the east end of the Horn Silver No. 2 claim. Post-1975 development consisted of a new 1220-metre 1750 level drift, and levels established between the 1700 and 2200 levels and an inclined shaft between the 1900 and 2100 levels. The vein discovered on the 1700 level was named the H vein. The 3000 and 4000 levels were explored with work continuing on the 1900 and 2200 levels in 1981.”

A revised tailings pond plan was submitted in 1989 which would have provided for at least 250,000 tonnes additional production. Due to low metal prices, the mine was fully decommissioned, and the site was in the process of reclamation in 2008/9. No further exploration work has been recorded until this study.

## **6.0 REGIONAL GEOLOGY**

The following is taken from the BC Minfile description of regional geology surrounding the Horn Silver Mine:

“The Horn Silver mine is regionally underlain by metasediments and metavolcanics of the Carboniferous to Permian Kobau Group. Quartzite, commonly micaceous or graphitic, schist, chlorite schist, greenstone, amphibolite and minor marble comprise lithologies. This metasedimentary and metavolcanic sequence has been intruded by the Jurassic-Cretaceous Fairview, and Jurassic Kruger and Similkameen intrusions. The Fairview and Similkameen intrusions vary in composition from granite to diorite with granodiorite and quartz diorite most common. The Kruger batholith is a syenitic intrusion.

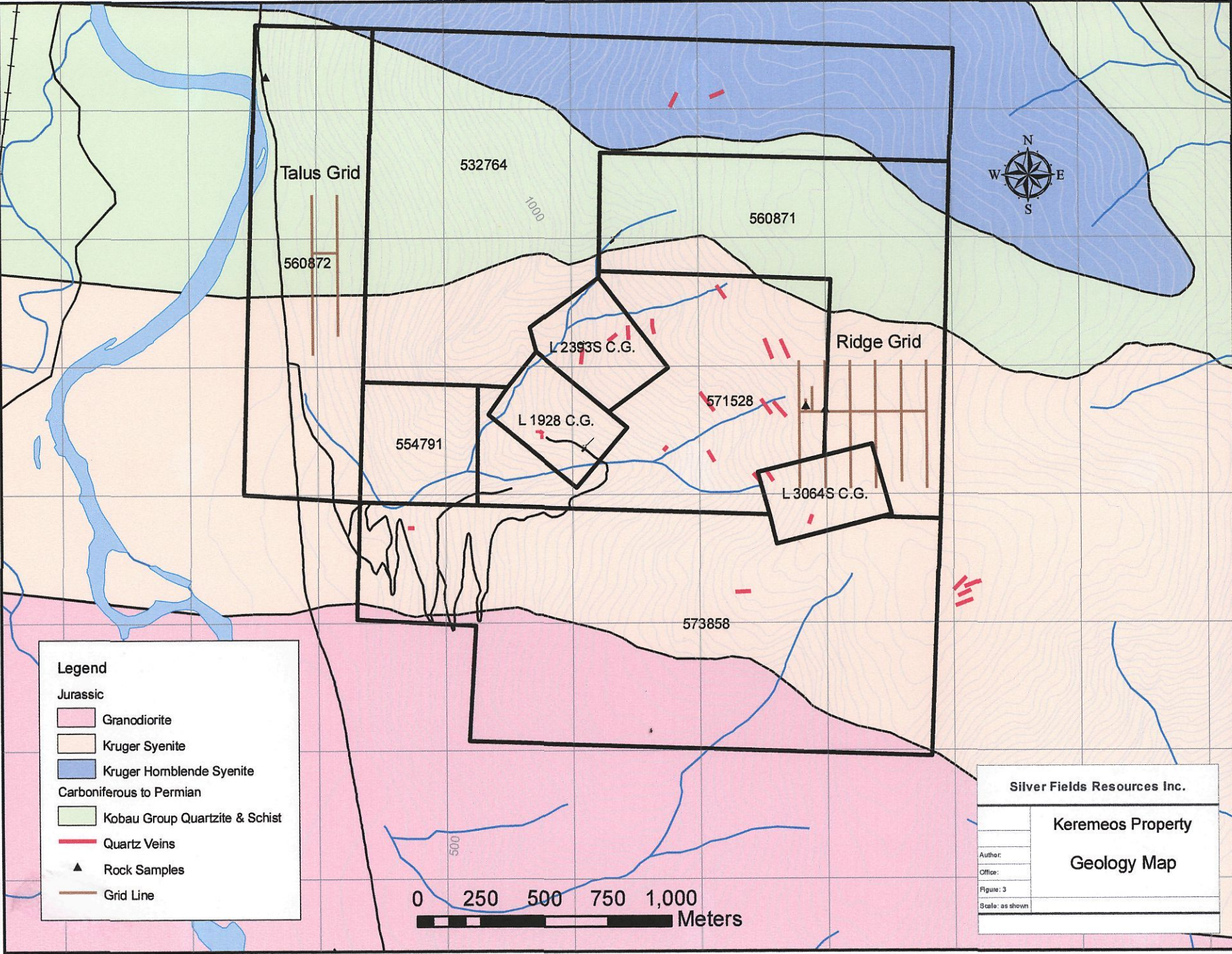
The Horn Silver mine lies in Kruger syenite which is composed of biotite-hornblende granodiorite and hornblende syenite. The area is bordered to the north by Kobau Group metasediments and metavolcanics and in the east by Similkameen plutonic rocks and Kobau Group rocks. The Horn Silver deposit consists of mineralized quartz veins which occupy shear zones in a monzonite phase of the Kruger intrusion. The monzonite is cut by pre-mineral dikes of granodiorite porphyry, pyroxenite and syenite. Structural relationships indicate the syenite to be the youngest of the dikes. A post-mineral syenite dike has also been recognized.”



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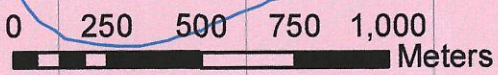
**Legend**

Jurassic

- Granodiorite
- Kruger Syenite
- Kruger Hornblende Syenite

Carboniferous to Permian

- Kobau Group Quartzite & Schist
- Quartz Veins
- Rock Samples
- Grid Line



Silver Fields Resources Inc.

**Keremeos Property**

**Geology Map**

Author: \_\_\_\_\_

Office: \_\_\_\_\_

Figure: 3

Scale: as shown

301500 302000 302500 303000 303500 304000 304500 305000 305500 306000



## 7.0 PROPERTY GEOLOGY

The following is taken from the BC Minfile description of the Horn Silver Mine, with some additions:

“The controlling structure at the Horn Silver Mine is a shear zone 24 metres wide which strikes 095 degrees and dips 40 degrees south. Updip, the main shear structure intersects a chloritized shear striking subparallel and dipping 10 degrees north. This shear contains potassium feldspar and carbonate and argentiferous sulphide mineralization in two sets of fractures. A subsidiary shearing visible within the main shear zone and in minor vein directions strikes 070 degrees and dips 55 degrees south. Lenticular quartz veins striking 120 degrees and dipping 35 degrees south occupy tension fractures in this shear zone. Ore shoots controlled by this shear zone have a flat westerly plunge of 10 degrees. These pre-mineral shear zones contain two sets of fractures; one set strikes 360 degrees and dips 55 degrees west, the other strikes 035 degrees and dips 65 degrees west. Tension fractures striking 015 degrees and dipping 70 degrees west are occupied by syenite dikes. Displacement on the north-striking fractures is to the right and on the other set of fractures, to the left. Displacements range from a few centimetres to a few metres and chop the veins into short segments.

Mineralization occurs in discontinuous, narrow east and southeast striking quartz veins within the weakly developed easterly striking shear zones. Near surface sulphide mineralization is extremely oxidized. The quartz veins range from a few centimetres to 1.8 metres in width and are often sheeted. Locally the veins are a soft, crumbly quartz gouge. Discontinuous quartz veining also occurs in pre-mineral syenite dikes. Mineralization consists of argentite, native silver, cerargyrite, pyrite, galena, sphalerite, tetrahedrite, chalcopyrite, pyrargyrite and acanthite and occurs in a gangue of mainly quartz with fragments of wallrock and occasional calcite. The mineralization occurs as irregular seams and bands, disseminations and patches in the quartz but commonly occurs in bands near the wallrock contact.

The H vein was reported to contain 1714.28 grams per tonne silver over the first 46 metres of the 1700 level (Minister of Mines Annual Report 1967, page 220). The B vein was reported to contain silver grades of up to 20,571.42 grams per tonne silver (Minister of Mines Annual Report 1967, page 220). High gold values are evident where pyrite is predominant. In 1928, a sample of mill ore yielded 27.91 grams per tonne gold, 4808.91 grams per tonne silver, 3 per cent lead and 1 per cent zinc (Minister of Mines Annual Report 1928, page C258). Chlorite, carbonate and sericite alteration extends for a few centimetres into the wallrock. Hematite occurs as thin coatings along fracture plane surfaces.

Over its 70-year intermittent mine life, between 1915 and 1984, 433,177 tonnes of ore was mined from the Horn Silver mine. Milled ore was 433,396 tonnes from which 127,194,850 grams of silver, 332,992 grams of gold, 30,034 kilograms of copper, 328,458 kilograms of lead and 371,863 kilograms of zinc were recovered. These

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figures do not include ore milled from the Dusty Mac (082ESW078) between August 1975 and June 1976.”

Three rock samples were taken during the 2008 field program. The first sample was taken along Highway 3 near the north border of the property, KS-R1, which sampled a 1+ metre wide malachite-stained zone in sheared Kobau Group biotite schist. The sample gave a value of 4880 ppm Cu. Au and Ag values were very low.



**Photo 2**

**Keremeos Silver Property, Ridge Grid Area**

Two rock samples were taken from the Ridge Grid area, within a strong multi-element geochemical soil anomaly. The first rock sample, KRGR-1, came from a 40 cm. central quartz vein (with additional quartz stringer veins and oxidized fractures aggregating over 5 metres in width) within the Kruger syenite complex. The newly discovered “Silver Fields Vein” system seems to have a low to nearly flat dip to the northwest. The vein system is intermittently exposed for about 50 metres in length, and hosts small amounts of malachite stain, chalcopryrite, sphalerite and galena. A sample across the central vein containing less than 3% sulphides gave the surprising assays of 4.12 ppm Au, 356 ppm Ag, 1855 ppm Cu, 2490 ppm Pb, and 1640 ppm Zn. The surrounding soil samples have a marked enhancement in arsenic (up to 5600 ppm) along with precious

metals, unlike the located vein system which contained only 90 ppm As, indicating that perhaps another mineralized vein or veins are present.

The second rock sample, KRGR-2, was taken from a 5 cm. unmineralized quartz-feldspar vein or pegmatite in the Kruger syenite complex which gave low results in precious and base metal values.

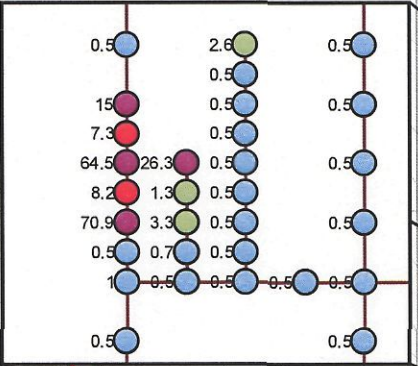
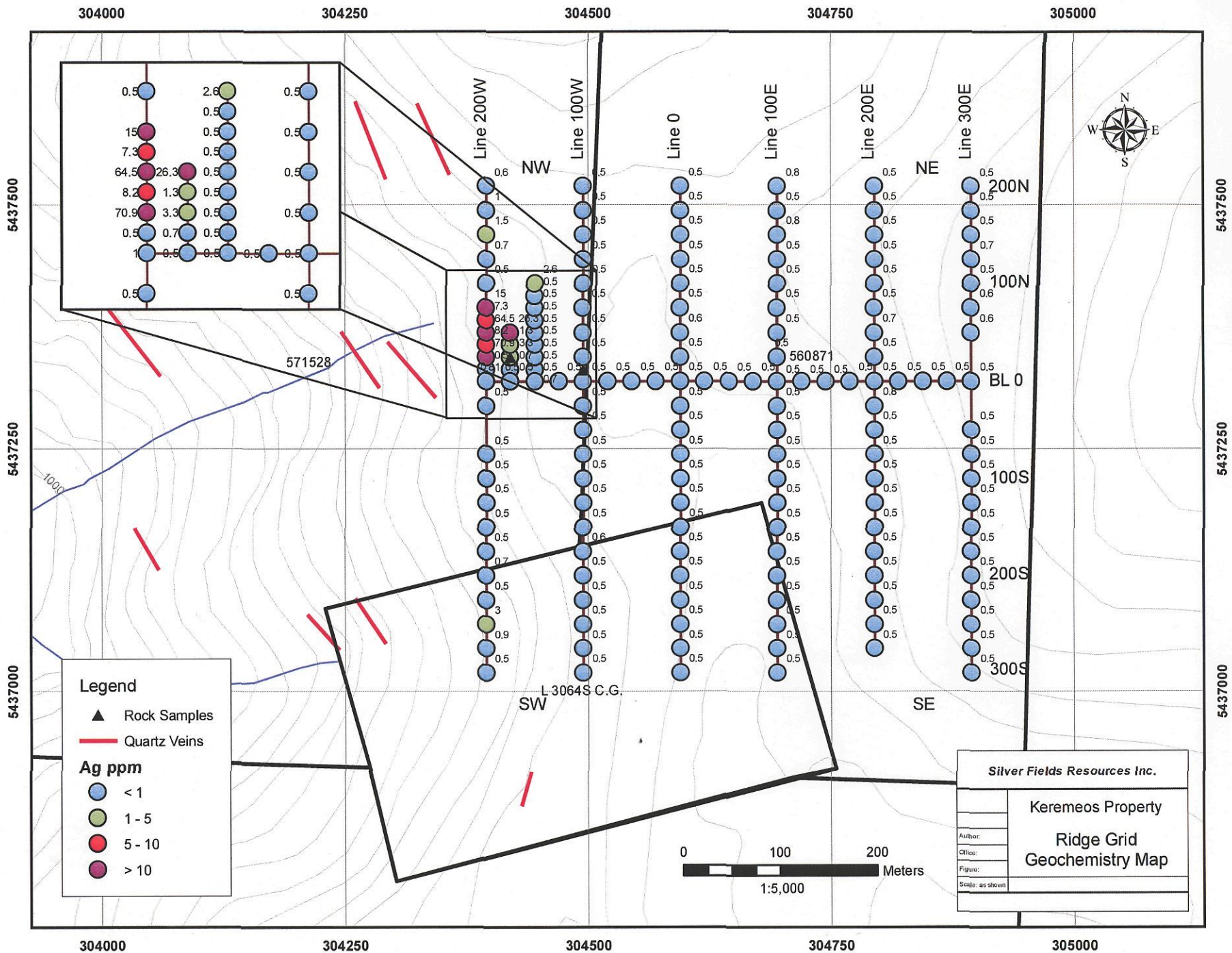
Existing property maps (BC Assessment Reports #5293, 16629, 18378) show numerous quartz veins on the Silver Fields mineral claims, however no dimensions or assay values are given. Several surface areas near the mine have been reported to contain good mineralization; the extent of the mineralization and any workings on the zones are presently unknown.

The Horn Silver Mine area was not examined yet due to lack of access. Several portals have been mapped as occurring on Silver Fields mineral claims, including a sizeable amount of the known underground development. Production statistics do not differentiate how much ore came from Silver Fields ground, but it is possible that as much as half of the production came from the Silver Fields mineral claims area.

## **8.0 GEOCHEMICAL SURVEY**

An orientation soil geochemical survey was conducted on two grids, the Ridge Grid and the Talus Grid. The grid lines totaled 5.1 kilometres, with 3.8 kms. on the Ridge Grid and 1.3 kms. on the Talus Grid. Sample stations were established at 25-metre and 12.5 metre spacing's on grid lines at 100-metre intervals, for a total of 203 soil samples. All samples were submitted to ALS-Chemex Labs Ltd. for 33-element four-acid ICP-AES analysis and Au 30g FA ICP-AES finish. The results and procedures are fully described in Appendix A and B.





**Legend**

- ▲ Rock Samples
- Quartz Veins

**Ag ppm**

- < 1
- 1 - 5
- 5 - 10
- > 10

**Silver Fields Resources Inc.**

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Keremeos Property

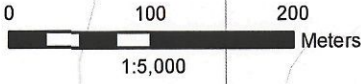
**Ridge Grid  
Geochemistry Map**

Author: \_\_\_\_\_

Office: \_\_\_\_\_

Figure: \_\_\_\_\_

Scale: as shown





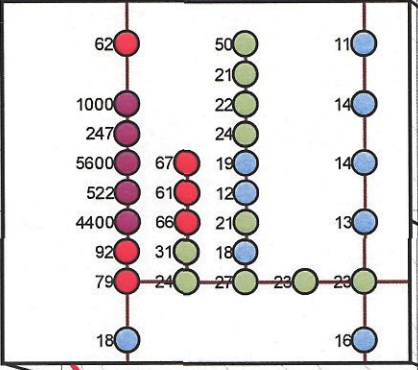
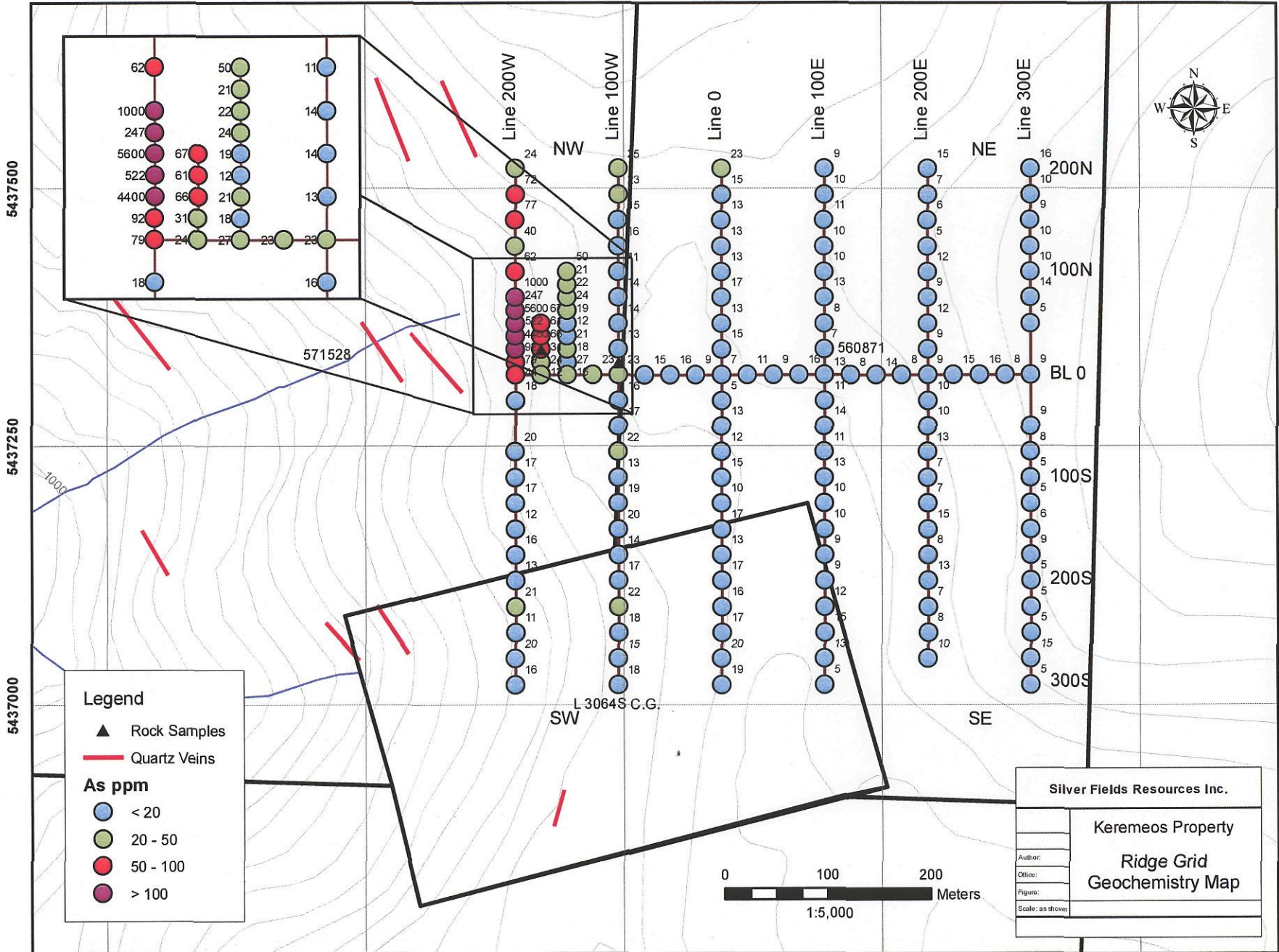
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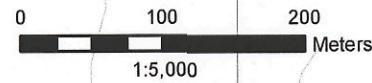


**Legend**

- ▲ Rock Samples
- Quartz Veins

**As ppm**

- < 20
- 20 - 50
- 50 - 100
- > 100



Silver Fields Resources Inc.

Keremeos Property

Ridge Grid  
Geochemistry Map

Author: \_\_\_\_\_

Office: \_\_\_\_\_

Figure: \_\_\_\_\_

Scale: as shown



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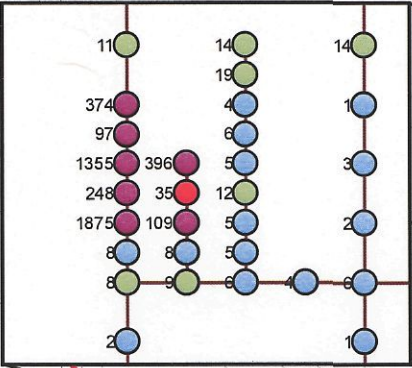
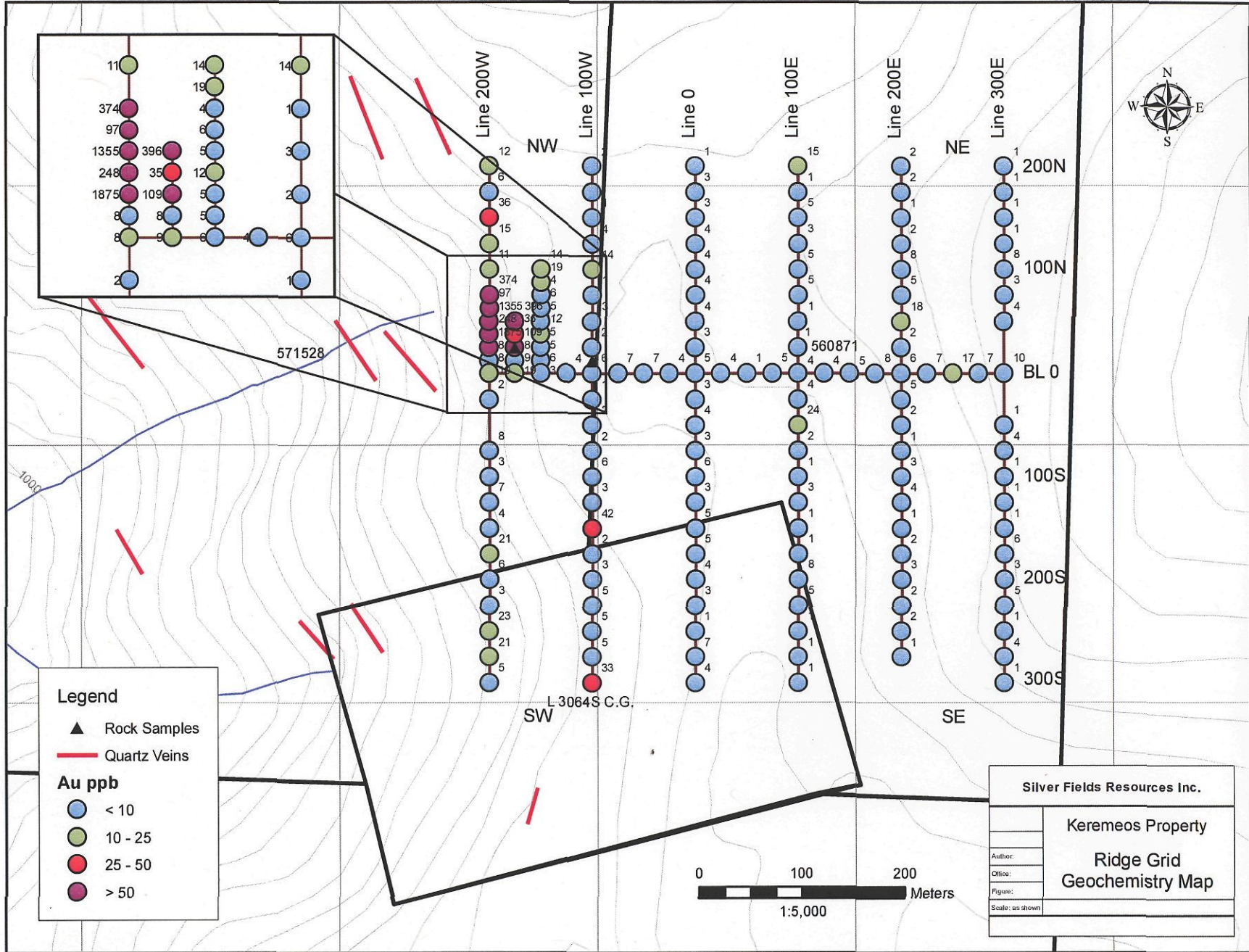
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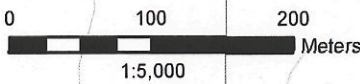


**Legend**

- ▲ Rock Samples
- Quartz Veins

**Au ppb**

- < 10
- 10 - 25
- 25 - 50
- > 50



Silver Fields Resources Inc.

Keremeos Property

Ridge Grid Geochemistry Map

Author: \_\_\_\_\_

Office: \_\_\_\_\_

Figure: \_\_\_\_\_

Scale: as shown

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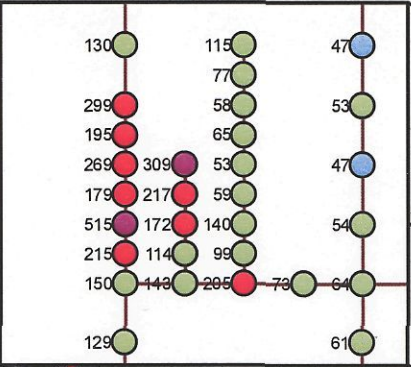
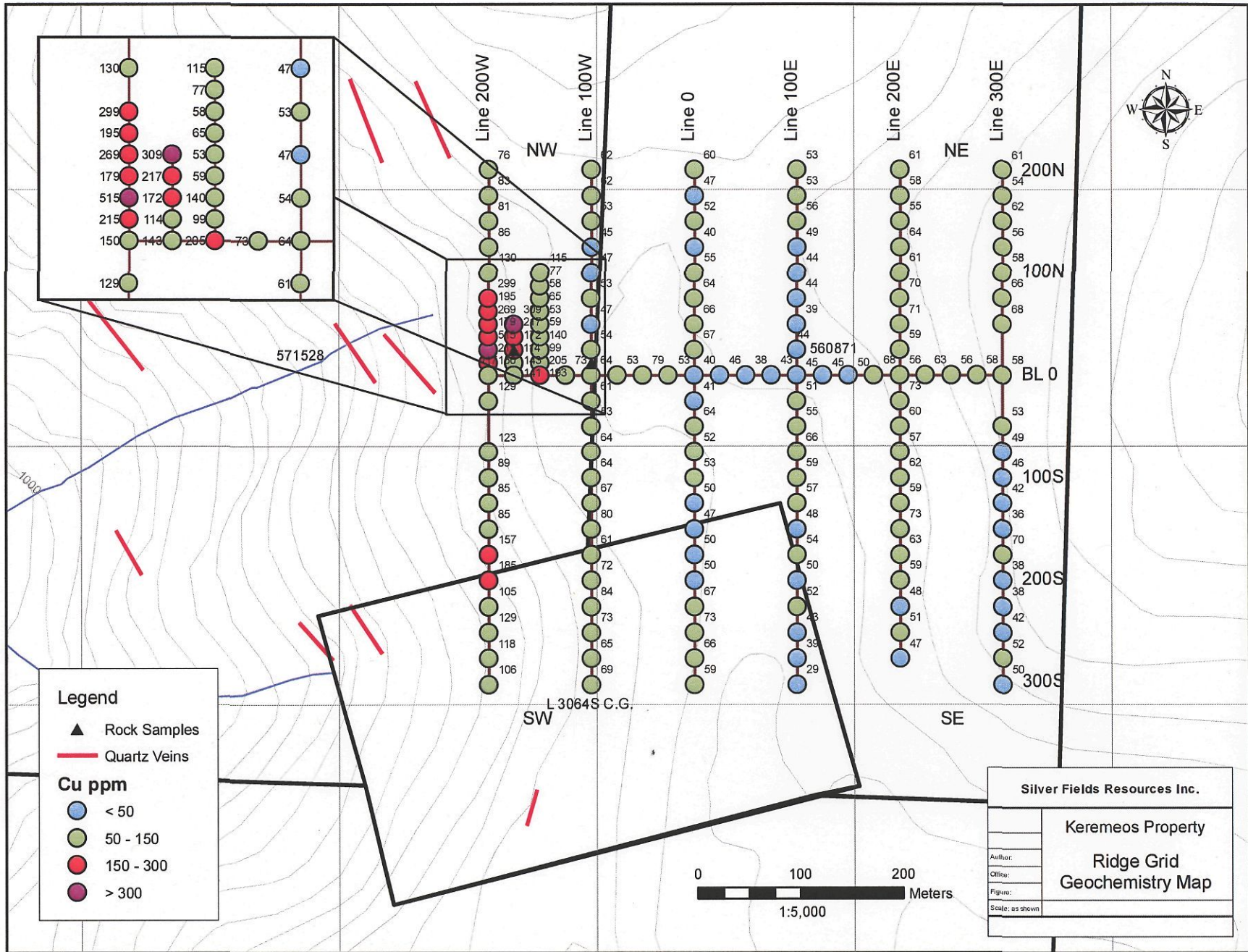
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**Legend**

- ▲ Rock Samples
- Quartz Veins

**Cu ppm**

- < 50
- 50 - 150
- 150 - 300
- > 300

Silver Fields Resources Inc.

Keremeos Property

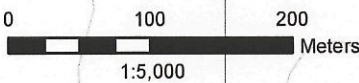
Ridge Grid  
Geochemistry Map

Author: \_\_\_\_\_

Office: \_\_\_\_\_

Figure: \_\_\_\_\_

Scale: as shown





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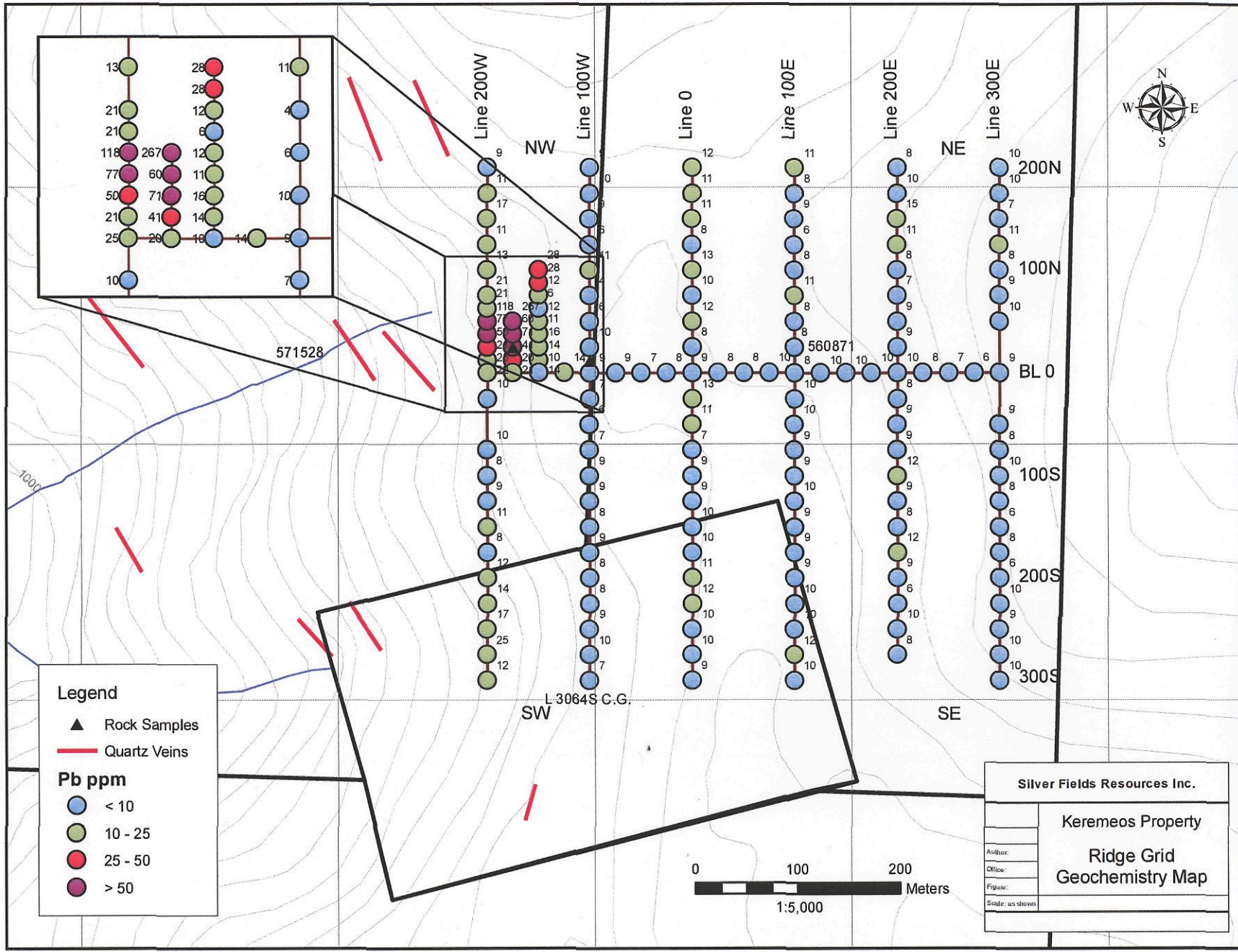
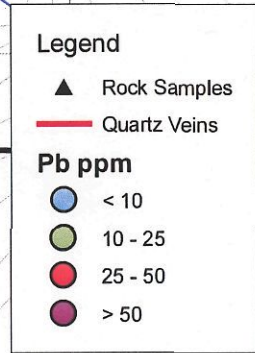
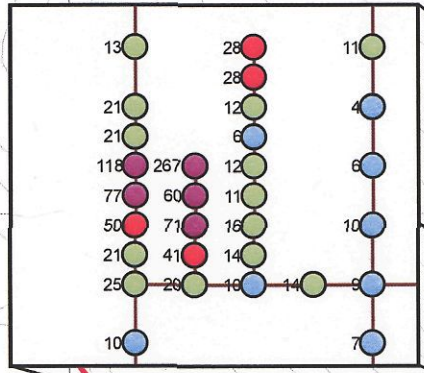
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Silver Fields Resources Inc.	
Keremeos Property	
Ridge Grid Geochemistry Map	
Author:	
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Figure:	
Scale:	as shown

304000

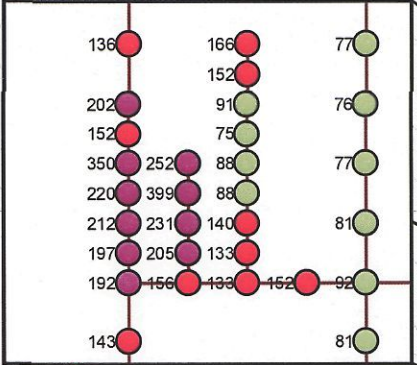
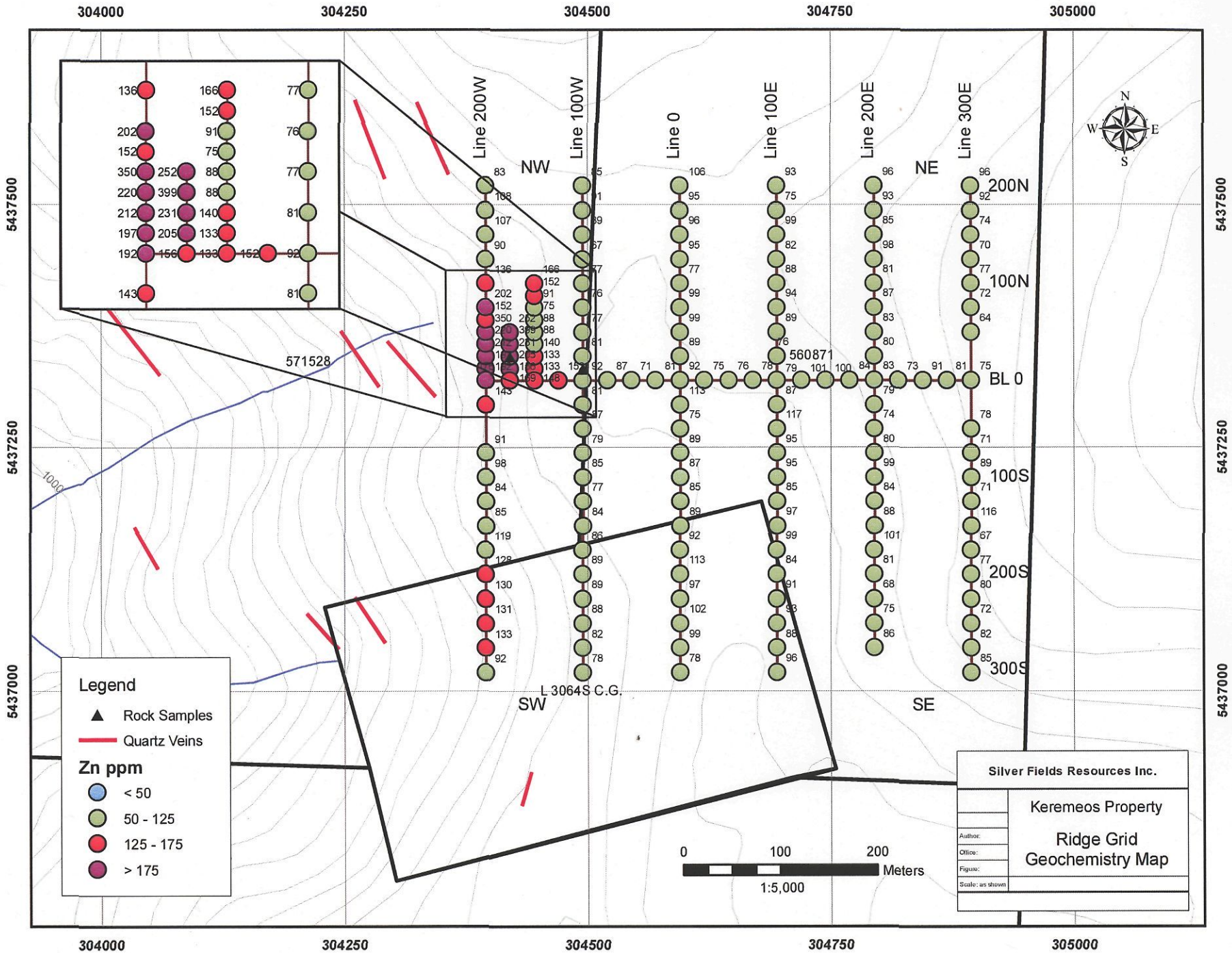
304250

304500

304750

305000









**Photo 3**

**Keremeos Silver Property, Talus Grid Area**

## **9.0 DISCUSSION OF GEOCHEMICAL RESULTS**

Examination of geochemical results for the soil-sampling program indicate highly anomalous values in gold, silver, copper, lead, zinc and arsenic within the tested areas, particularly on the Ridge Grid. Outcrop is limited in some areas, and the cause of these anomalies is presently unknown, with the sole exception of the newly discovered "Silver Fields Vein". This new vein system does not appear to be the only source of the anomalous results, additional vein systems are likely present.

The Talus Grid area does not appear to contain any strongly anomalous areas, but has an elevated background in Au, Ag, Cu, Pb, and Zn (Figures 10 – 14).

The Ridge Grid area shows a concentration of highly anomalous soil sample results along the western side of the grid, open to the west. After the initial geochemical survey in June proved highly anomalous, it was decided to re-take the samples in this area and



302250

302500

302750

303000

5438500

5438250

5438000

5437750

5437500

5438500

5438250

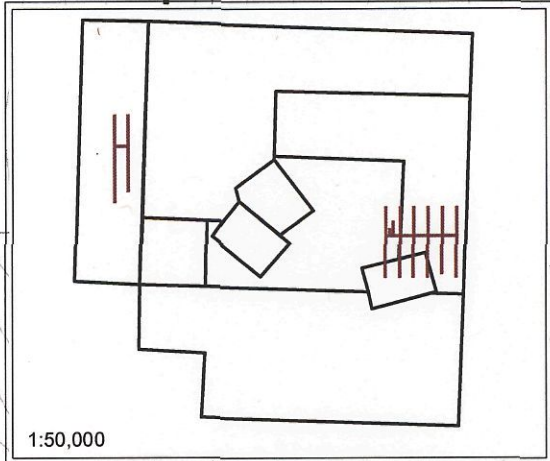
5438000

5437750

5437500



KCU-1



560872

532764

Line 0E

Line 100E

0.5

0.5

225N

0.5

0.7

0.9

0.9

0.5

0.5

1.1

0.5

0.6

0.5

0.8

0.5

1.1

0.5

0.8

0.8

0.7

0.5

0.5

0.5

0.5

1.9

1

1

0.8

0.6

0.5

0.5

0.9

2

0.5

0.9

0.7

0.6

0.5

0.5

0.5

0.5

0.5

400S

0.5

350S

0.5

0.6

0.5

0.5

0.5

0.5

0.5

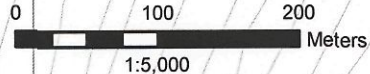
0.5

0.5

**Legend**

Ag ppm

- < 1
- 1 - 5
- 5 - 10
- > 10
- ▲ Rock Samples
- Quartz Veins



**Silver Fields Resources Inc.**

Keremeos Property

Talus Grid  
Geochemistry Map

Author: \_\_\_\_\_

Office: \_\_\_\_\_

Figure: \_\_\_\_\_

Scale: as shown

302250

302500

302750

303000

302250

302500

302750

303000

5438500

5438250

5438000

5437750

5437500

5438500

5438250

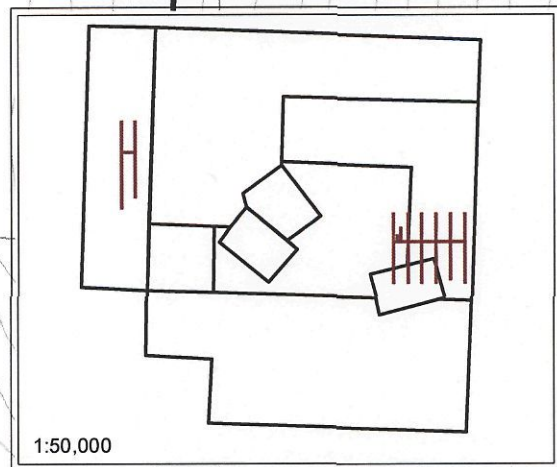
5438000

5437750

5437500



KCU-1



560872

532764

Line 0E

Line 100E

0.011  
0.009

0.014  
0.007

225N

0.009  
0.005

0.012  
0.007

0.013  
0.018

0.005  
0.007

0.016  
0.016

0.011  
0.02

BL 0

0.009  
0.02

0.014  
0.007

0.011  
0.012

0.03  
0.003

0.008  
0.015

0.011  
0.008

0.015  
0.014

0.008  
0.013

350S

0.008  
0.013

0.006  
0.038

0.007  
0.007

0.005  
0.005

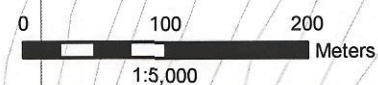
400S

0.008

**Legend**

Au ppb

- < 10
- 10 - 25
- 25 - 50
- > 50
- ▲ Rock Samples
- Quartz Veins



**Silver Fields Resources Inc.**

Keremeos Property

Talus Grid Geochemistry Map

Author: \_\_\_\_\_

Office: \_\_\_\_\_

Figure: \_\_\_\_\_

Scale: as shown

302250

302500

302750

303000



302250

302500

302750

303000

5438500

5438250

5438000

5437750

5437500

5438500

5438250

5438000

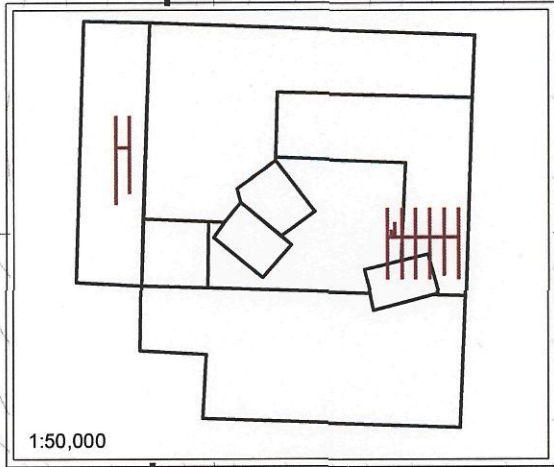
5437750

5437500



KCU-1

560872



Line 0E

175  
156

138  
142

178  
186

179  
182

152  
197

148  
274

151  
193

195  
109

197

123  
173

179  
139

97

Line 100E

141  
133

148  
210

198  
147

235  
128

141  
219

207  
158

88  
163

150

100  
121

147  
101

225N

BL 0

350S

500S

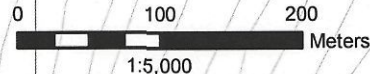
400S

532764

**Legend**

Cu ppm

- < 50
- 50 - 150
- 150 - 300
- > 300
- ▲ Rock Samples
- Quartz Veins



**Silver Fields Resources Inc.**

Keremeos Property

Talus Grid  
Geochemistry Map

Author:  
Office:  
Figure:  
Scale: as shown

302250

302500

302750

303000

302250

302500

302750

303000

5438500

5438250

5438000

5437750

5437500

5438500

5438250

5438000

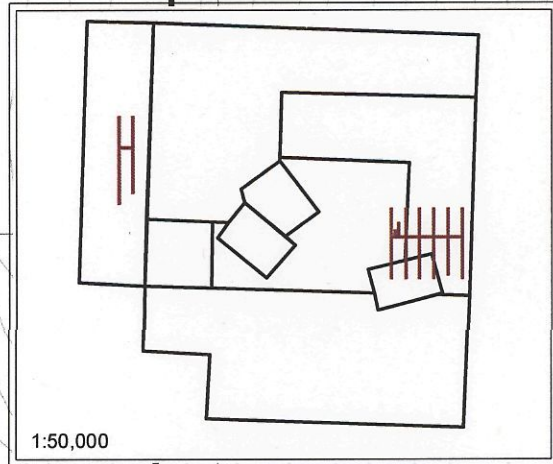
5437750

5437500



KCU-1

560872



1:50,000

Line 0E

Line 100E

13

12

225N

12

11

8

15

9

11

19

10

13

11

19

12

17

18

BL 0

19

27

15

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18

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24

15

12

17

18

16

21

19

16

23

29

25

11

15

400S

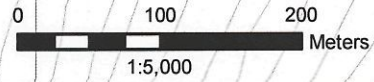
350S

500

**Legend**

Pb ppm

- < 10
- 10 - 25
- 25 - 50
- > 50
- ▲ Rock Samples
- Quartz Veins



Silver Fields Resources Inc.

Keremeos Property

Talus Grid  
Geochemistry Map

Author:  
Office:  
Figure:  
Scale: as shown

302250

302500

302750

303000



302250

302500

302750

303000

5438500

5438250

5438000

5437750

5437500

5438500

5438250

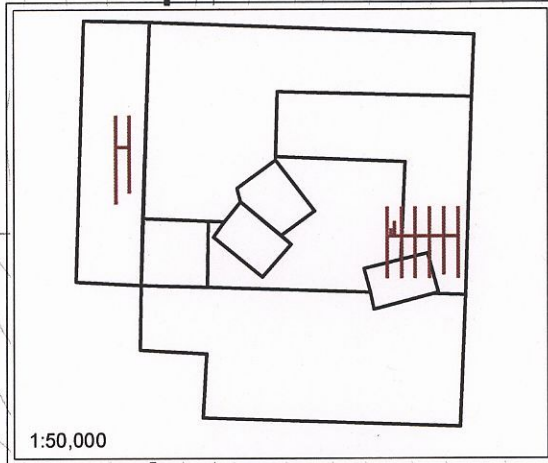
5438000

5437750

5437500



KCU-1



560872

532764

Line 0E

Line 100E

102

117

156

154

182

175

171

154

133

167

169

167

129

137

142

103

137

114

126

107

125

125

400S

157

164

152

136

138

151

163

176

161

165

176

138

116

132

139

146

130

110

107

000

350S

225N

BL 0

Legend

Zn ppm

< 50

50 - 125

125 - 175

> 175

Rock Samples

Quartz Veins

0 100 200 Meters  
1:5,000

Silver Fields Resources Inc.

Keremeos Property

Talus Grid  
Geochemistry Map

Author:

Office:

Figure:

Scale: as shown

302250

302500

302750

303000

add new samples on a denser grid-pattern, with 12.5 metre spacings. The second samples confirmed and expanded the soil anomalies. The general soil anomaly appears to be in excess of 50 metres in diameter, with maximum values of 70.9 ppm Ag; 1875 ppb Au; 5600 ppm As; 515 ppm Cu; 267 ppm Pb; and 399 ppm Zn (Figures 4 - 9). The new Silver Fields Vein is central to this strong anomaly, but does not explain the entire anomaly.

## **10.0 CONCLUSIONS**

Additional prospecting, geological mapping and rock sampling, and soil geochemical surveys are merited on the property, particularly near the new Silver Fields Vein and downhill to the Horn Silver Mine area. Geophysical surveys such as mag, IP, and VLF-EM could be also used to locate overburden-covered mineralized structures.

Research into the extent of the underground workings and drafting of an updated CAD mine plot should be done to assist in planning future diamond drill holes.

The Ridge Grid anomaly area should be machine trenched and mineralized veins or structures sampled by diamond saw.

## **11.0 RECOMMENDATIONS**

1. Extend the Ridge Grid westerly down to the Horn Silver Mine area.
2. Machine trench and diamond saw rock channel samples from the new Silver Fields Vein.
3. Prospect and geologically map areas of higher priority, such as the Ridge Grid west to the Horn Silver Mine; search for and sample any old surface workings or quartz veins; generally prospect and map areas underlain by the Kruger syenite.
4. Locate and identify potential access routes and drill sites between the Ridge Grid and the Horn Silver Mine.
5. Research and plot all known mine workings in order to determine what, if any, potentially economic areas still exist within or peripheral to the workings.
6. Negotiate road access permissions with local ranchers and the owner of the Horn Silver Crown-Granted mining claims.



## 12.0 STATEMENT OF EXPLORATION EXPENDITURES

### June 12 to 16; August 29 to 31, 2008

James Laird, Project Manager – 8 days @ \$500.00 per day	\$4000.00
Jeremy Porter, Qualified Prospector – 8 days @ \$300.00 per day	\$2400.00
Derek Setchfield, Geological Assistant – 3 days @ \$300.00 per day	\$900.00
John England, Soil Sampler – 8 days @ \$200.00 per day	\$1600.00
Rob Thompkinson, Soil Sampler - 5 days @ \$200.00 per day	\$1000.00
Evan Quon, Soil Sampler - 5 days @ \$200.00 per day	\$1000.00
Room and Board – 37 man-days @ \$150.00 per man-day	\$5550.00
4x4 Ford F350 and enclosed ATV Trailer – 1020 km @ \$1.00/km	\$1020.00
4x4 Toyota Tacoma – 1872 km @ \$1.00/km	\$1865.00
4x4 Isuzu Trooper II – 1745 km @1.00/km	\$1745.00
5 Yamaha ATV's – 5 days @ \$50.00/day each all-in	\$1250.00
4 Yamaha ATV's – 3 days @ \$50.00/day each all-in	\$600.00
Assays	\$6580.25
Field Supplies and Tool Rental	\$1000.00
Report Preparation and Map Drafting	<u>\$3000.00</u>
<b>TOTAL</b>	<b>\$33,510.25</b>

### 13.0 REFERENCES

EMPR AR 1909-K278; 1915-K202,K205,K446; 1916-K259,K260,K518; \*1917-F207,F215; 1918-K211; \*1919-N169; 1920-N156,N157,N351; 1921-G178,G267; \*1922-N164; 1923-A187; 1924-B170; 1925-A209; \*1926-A215-A217; 1927-C237; \*1928-C258,C259,C433; 1929-C268; 1930-A219; 1933-A167; 1937-A29; 1943-A38; \*1958-A45,32; 1959-56; \*1960-58-60; 1963-65; \*1964-102,103,290,291; \*1965-162,163,376,416; \*1966-190; \*1967-A54,219-221; 1968-A54,221; 1969-A55; 1970-A54; 1974-A120; 1975-A94; 1976-A103; 1977-115; 1978-127; 1979-129

EMPR ASS RPT 5293, 16629, \*18378, 20609

EMPR BC METAL MM00025

EMPR ENG INSP (Mine plans)

EMPR EXPL 1987-C26

EMPR FIELDWORK 1983, p. 258

EMPR GEM 1969-297,428; 1970-394,395; 1973-43; 1974-53

EMPR IR 1984-2, pp. 99,102; 1984-3, pp. 105-106; 1984-4, p 121; 1984-5, pp. 113,115; 1986-1, pp. 109,111

EMPR MINING 1975, Volume 1, pp. 27,28; 1981-1985, pp. 20,45

EMPR OF 1998-10

EMPR PF (Canadian Exploration Ltd. (1965-02-02): Horn Silver Property - Underground Workings; Canadian Exploration Ltd. (1965-02-02): Horn Silver Property - Claim Map; Canadian Exploration Ltd. (1965-02-02): Plan Showing Lower Adit Working and Surface Details - Horn Silver Mine; R.E.C. Richards (1965-07-05): Horn Silver Mine - Summary Report April 1964 to June 1965; Metcalfe (1966-01-10): Geochemical Assay - Silver King; Sutherland Brown, A. (1974-11-12): Re: Dankoe Mines Ltd.; Dankoe Mines Ltd. (1975): Dankoe Mines Ltd. - Annual Report 1975; Black, J.C.L. (1978-08-11): RE: Accelerated Mineral Development; Bacon, W.R. (1978-08-22): Re: Application for Accelerated Mine Development Program; Bacon, W.R. (1978-09-18): RE: Accelerated Mineral Development Funds)

EMR MIN BULL MR 166

EMR MP CORPFILE (Big Horn Mines Ltd.; Santos Silver Mines Ltd.; Dankoe Mines Ltd.)



GSC MAP 85A; 15-1961; 539A; 538A; 341A

GSC OF 1969

GSC P 37-21

GSC SUM RPT \*1927, Part A, pp. 47A-52A

GSC MEM 38, pp. 425-478

GCNL #104(May 29), #111(June 7), 1973; #20(Jan.29), 1975; #112, 1976;  
#202, #236(Dec.8), 1977; #126(June 30), 1978; #161(July 21), 1979;

## 14.0 STATEMENT OF QUALIFICATIONS

I, **James W. Laird** do state that:

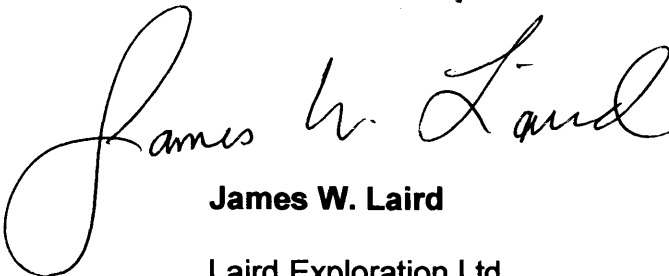
My address is PO Box 672, Lions Bay, BC, V0N 2E0

I am a prospector and mining exploration contractor and have been for more than 30 years, and I have extensively researched and explored the region of BC for mineral deposits.

I have completed the BC EMPR course "Advanced Mineral Exploration for Prospectors, 1980".

I am very familiar with the geology of the Project area and have worked in similar geological environments throughout the general area. I personally oversaw the geochemical field exploration program on the Property in 2008.

I am a Director of Silver Fields Resources Inc.

A handwritten signature in black ink that reads "James W. Laird". The signature is written in a cursive style with a large, looping initial "J".

**James W. Laird**

Laird Exploration Ltd.

June 10, 2009



**APPENDIX A**

**ASSAY RESULTS**



# ALS Chemex

**EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: LAIRD EXPLORATION LTD.

PO BOX 672

LIONS BAY BC V0N 2E0

Page:

Finalized Date: 12-JUL-20

This copy reported on 14-JUL-20

Account: LAIE

## CERTIFICATE VA08083357

Project: Keremeos, Silver

P.O. No.: 2008-1

This report is for 1 Rock sample submitted to our lab in Vancouver, BC, Canada on 23-JUN-2008.

The following have access to data associated with this certificate:

JAMES LAIRD

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61a	High Grade Four Acid ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: LAIRD EXPLORATION LTD.

ATTN: JAMES LAIRD

PO BOX 672

LIONS BAY BC V0N 2E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager





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North Vancouver BC V7J 2C1

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Client: LAIRD EXPLORATION LTD.

PO BOX 672

LIONS BAY BC V0N 2E0

Page: 2

Total # Pages: 2 (A -

Finalized Date: 12-JUL-20

Account: LAIE

Project: Keremeos, Silver

## CERTIFICATE OF ANALYSIS VA08083357

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.001	1	0.05	50	50	10	20	0.05	10	10	10	10	0.05	50
KS-R1		1.00	0.029	<1	5.81	<50	440	<10	20	4.13	<10	40	210	4880	7.53	<50



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To: LAIRD EXPLORATION LTD.

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LIONS BAY BC V0N 2E0

Page: 2

Total # Pages: 2 (A -

Finalized Date: 12-JUL-20

Account: LAIE

Project: Keremeos, Silver

## CERTIFICATE OF ANALYSIS VA08083357

Sample Description	Method	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.1	50	0.05	10	10	0.05	10	50	20	0.1	50	10	10	50	0.05
KS-R1		2.6	<50	2.33	2880	10	2.03	80	840	<20	0.4	<50	20	710	<50	0.76





# ALS Chemex

**EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: LAIRD EXPLORATION LTD.

PO BOX 672

LIONS BAY BC V0N 2E0

Page: 2

Total # Pages: 2 (A -

Finalized Date: 12-JUL-20

Account: LAIE)

Project: Keremeos, Silver

## CERTIFICATE OF ANALYSIS VA08083357

Sample Description	Method	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
	Analyte	Ti	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	50	50	10	50	20
KS-R1		<50	<50	230	<50	120



# ALS Chemex

**EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

212 Brooksbank Avenue  
North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: LAIRD EXPLORATION LTD.  
PO BOX 672  
LIONS BAY BC V0N 2E0

Page:  
Finalized Date: 21-JUL-2008  
Account: LAIEX

## CERTIFICATE VA08095161

Project: Keremeos Silver

P.O. No.: 2008-1

This report is for 45 Soil samples submitted to our lab in Vancouver, BC, Canada on 23-JUN-2008.

The following have access to data associated with this certificate:

JAMES LAIRD

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: LAIRD EXPLORATION LTD.  
ATTN: JAMES LAIRD  
PO BOX 672  
LIONS BAY BC V0N 2E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager





# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

to: LAIRD EXPLORATION LTD.

PO BOX 672

LIONS BAY BC V0N 2E0

Page: 2

Total # Pages: 3 (A -

Finalized Date: 21-JUL-20

Account: LAIE

Project: Keremeos Silver

## CERTIFICATE OF ANALYSIS VA08095161

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %
		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	0.01	10	0.01	
TALUS GRID BLO+00		0.42	1.1	7.00	21	720	2.8	<2	2.95	0.7	26	41	182	6.53	20	2.98
TALUS GRID BL+25E		0.30	0.7	7.66	27	790	3.2	<2	3.04	0.8	27	49	180	7.18	20	3.22
TALUS GRID BL+50E		0.32	<0.5	7.36	13	770	2.8	<2	2.81	0.9	26	43	144	6.52	20	2.81
TALUS GRID BL+75E		0.30	<0.5	6.97	17	650	2.4	<2	2.70	0.5	29	82	240	7.51	20	2.75
TALUS GRID BL+100E		0.30	<0.5	7.28	20	660	2.6	<2	2.83	<0.5	31	74	223	7.76	20	2.77
TALUS GRID LO+25S		0.48	0.8	7.60	19	870	1.8	<2	2.86	0.7	27	97	152	5.97	20	2.17
TALUS GRID LO+50S		0.50	0.7	7.76	18	740	2.5	<2	3.30	0.5	28	68	197	7.14	20	2.60
TALUS GRID LO+75S		0.42	0.5	7.80	16	760	2.8	<2	3.34	0.5	25	38	148	6.47	20	3.00
TALUS GRID LO+100S		0.48	<0.5	7.56	9	660	2.9	<2	2.92	<0.5	29	73	274	8.43	20	3.18
TALUS GRID LO+125S		0.52	0.6	8.11	12	880	3.0	<2	4.49	0.5	24	11	151	7.00	20	3.41
TALUS GRID LO+150S		0.32	1.0	7.70	12	820	3.0	<2	4.89	0.5	25	7	193	6.99	20	3.25
TALUS GRID LO+175S		0.26	0.8	7.98	12	860	3.0	<2	4.69	0.5	25	13	195	6.93	20	3.25
TALUS GRID LO+200S		0.32	0.5	7.58	8	760	1.6	<2	3.12	0.5	20	74	109	5.32	20	1.86
TALUS GRID LO+225S		0.30	0.9	7.60	18	720	2.4	<2	3.86	0.8	23	30	197	5.91	20	2.65
TALUS GRID LO+300S		0.22	<0.5	7.27	10	760	1.7	<2	3.13	0.7	22	67	123	5.59	20	1.92
TALUS GRID LO+325S		0.38	0.7	7.14	9	720	2.0	<2	3.39	0.7	23	49	173	5.51	20	1.92
TALUS GRID LO+350S		0.36	<0.5	7.07	<5	660	2.0	<2	3.28	<0.5	21	61	179	5.34	20	1.81
TALUS GRID LO+375S		0.20	0.5	6.85	9	600	2.3	<2	4.27	0.7	23	43	139	5.34	20	2.21
TALUS GRID LO+400S		0.30	<0.5	7.32	8	790	2.0	<2	3.25	1.0	21	64	97	5.49	20	2.09
TALUS GRID LOE+25N		0.32	0.8	7.63	21	790	2.9	<2	3.06	0.6	25	51	179	6.94	20	3.15
TALUS GRID LOE+50N		0.18	0.6	7.38	30	740	2.4	<2	2.52	0.7	25	74	186	6.62	20	2.52
TALUS GRID LOE+75N		0.24	1.1	7.50	23	760	2.5	<2	2.95	1.1	27	64	178	6.71	20	2.78
TALUS GRID LOE+100N		0.24	0.5	7.16	15	1560	1.5	<2	2.54	0.5	37	255	142	6.94	20	2.00
TALUS GRID LOE+125N		0.28	0.9	7.18	22	1830	1.8	<2	2.32	<0.5	41	274	138	7.05	20	1.98
TALUS GRID LOE+200N		0.28	<0.5	6.32	20	2760	1.7	<2	2.03	<0.5	29	187	156	6.61	20	2.11
TALUS GRID LOE+225N		0.30	0.5	6.10	23	3180	1.5	<2	1.76	<0.5	26	157	175	6.90	20	2.31
TALUS GRID L100E+25S		0.42	0.8	7.60	16	840	2.8	<2	3.03	0.9	25	39	141	6.60	20	3.12
TALUS GRID L100E+50S		0.36	<0.5	7.17	22	660	2.5	<2	2.75	0.6	29	71	219	7.90	20	2.77
TALUS GRID L100E+75S		0.46	<0.5	7.13	35	680	2.8	<2	3.12	0.6	29	67	207	7.98	20	2.84
TALUS GRID L100E+100S		0.30	1.9	7.48	17	750	3.1	<2	4.01	0.5	23	11	158	6.25	20	3.09
TALUS GRID L100E+125S		0.32	<0.5	7.19	9	760	1.8	<2	2.98	<0.5	17	43	88	4.70	20	2.20
TALUS GRID L100E+150S		0.46	1.0	7.85	17	840	2.9	<2	4.65	0.5	25	7	163	6.70	20	3.41
TALUS GRID L100E+175S		0.38	0.6	7.88	14	850	2.9	<2	4.50	0.5	25	15	150	6.71	20	3.36
TALUS GRID L100E+250S		0.40	2.0	7.48	25	870	2.5	<2	2.23	0.8	20	36	100	5.05	20	3.03
TALUS GRID L100E+275S		0.36	0.9	7.15	10	940	2.4	<2	2.50	0.9	18	41	121	4.75	20	2.69
TALUS GRID L100E+325S		0.40	0.6	6.43	11	790	1.5	<2	3.13	<0.5	26	72	147	5.72	20	1.79
TALUS GRID L100E+350S		0.32	<0.5	6.59	17	930	1.5	<2	3.09	<0.5	25	94	101	6.32	10	1.80
TALUS GRID L100E+25N		0.22	<0.5	6.95	17	730	2.2	3	2.78	<0.5	21	57	128	6.06	10	2.49
TALUS GRID L100E+50N		0.24	<0.5	7.08	23	710	2.2	2	2.71	<0.5	27	89	235	8.20	20	2.73
TALUS GRID L100E+75N		0.44	<0.5	6.85	17	1410	1.4	<2	2.56	0.5	39	286	147	7.14	20	1.88



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Account: LAIE

Project: Keremeos Silver

## CERTIFICATE OF ANALYSIS VA08095161

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm
TALUS GRID BLO+00		40	1.62	2080	4	1.76	24	2410	17	0.08	<5	16	749	<20	0.53	<10
TALUS GRID BL+25E		40	1.87	2230	4	1.89	32	2540	19	0.06	<5	17	839	<20	0.63	<10
TALUS GRID BL+50E		40	1.64	2460	4	1.77	31	2230	22	0.06	<5	16	749	<20	0.57	<10
TALUS GRID BL+75E		30	1.83	2350	5	1.57	48	2200	14	0.19	<5	18	492	<20	0.63	<10
TALUS GRID BL+100E		40	1.92	2470	5	1.64	44	2060	12	0.16	<5	18	529	<20	0.69	<10
TALUS GRID LO+25S		30	1.86	1620	3	1.77	52	1680	15	0.08	<5	18	484	<20	0.60	<10
TALUS GRID LO+50S		40	1.78	2230	2	1.83	48	2120	18	0.13	<5	18	613	<20	0.54	<10
TALUS GRID LO+75S		40	1.58	2180	3	1.94	25	2020	21	0.04	<5	17	839	<20	0.54	<10
TALUS GRID LO+100S		40	1.87	2260	4	1.72	43	2330	15	0.18	<5	19	516	<20	0.74	<10
TALUS GRID LO+125S		40	1.75	1650	1	2.27	10	2970	17	0.01	<5	20	1235	<20	0.57	<10
TALUS GRID LO+150S		40	1.85	1740	1	2.16	9	3330	16	0.01	<5	19	1215	<20	0.58	<10
TALUS GRID LO+175S		40	1.88	1800	1	2.21	11	3310	19	0.01	<5	20	1180	<20	0.57	<10
TALUS GRID LO+200S		20	1.58	1160	1	2.08	31	1540	16	0.02	<5	18	520	<20	0.50	<10
TALUS GRID LO+225S		30	1.65	1460	1	2.06	16	2120	23	0.01	<5	19	760	<20	0.52	<10
TALUS GRID LO+300S		30	1.63	1450	2	1.87	34	1520	15	0.02	<5	19	516	<20	0.51	<10
TALUS GRID LO+325S		30	1.91	1330	1	1.77	24	2280	11	0.02	<5	21	488	<20	0.54	<10
TALUS GRID LO+350S		20	1.75	1325	2	1.90	26	1340	12	0.01	<5	19	500	<20	0.51	<10
TALUS GRID LO+375S		30	2.73	1435	6	1.96	22	2420	15	0.23	<5	19	656	<20	0.50	<10
TALUS GRID LO+400S		30	1.63	1485	2	2.00	29	1580	17	0.01	<5	19	562	<20	0.50	<10
TALUS GRID LOE+25N		40	1.74	2200	4	1.86	31	2530	19	0.07	<5	17	767	<20	0.59	<10
TALUS GRID LOE+50N		40	1.56	1865	4	1.91	40	1740	13	0.17	<5	16	453	<20	0.58	<10
TALUS GRID LOE+75N		40	1.65	2140	5	1.79	36	2250	19	0.10	<5	17	626	<20	0.58	<10
TALUS GRID LOE+100N		30	3.11	1610	2	1.64	143	1840	9	0.15	6	18	328	<20	0.75	<10
TALUS GRID LOE+125N		40	3.25	1705	4	1.80	183	1690	8	0.18	<5	16	280	<20	0.69	<10
TALUS GRID LOE+200N		30	2.15	1305	6	1.42	110	1880	12	0.26	<5	14	256	<20	0.59	<10
TALUS GRID LOE+225N		30	1.90	1235	9	1.21	97	2060	13	0.28	<5	14	256	<20	0.63	<10
TALUS GRID L100E+25S		30	1.63	2110	3	1.96	24	2010	27	0.04	<5	17	854	<20	0.58	<10
TALUS GRID L100E+50S		40	1.82	2510	5	1.65	44	2290	15	0.16	<5	18	542	<20	0.67	<10
TALUS GRID L100E+75S		40	2.02	2670	7	1.73	43	2400	19	0.11	6	19	610	<20	0.68	<10
TALUS GRID L100E+100S		30	1.52	1680	2	2.13	9	2540	24	0.01	<5	16	1075	<20	0.52	<10
TALUS GRID L100E+125S		20	1.26	1410	1	1.91	18	1340	12	0.02	<5	15	650	<20	0.44	<10
TALUS GRID L100E+150S		40	1.78	1720	1	2.18	8	3150	18	0.01	<5	19	1210	<20	0.54	<10
TALUS GRID L100E+175S		40	1.79	1800	1	2.15	8	3310	21	0.02	<5	19	1185	<20	0.54	<10
TALUS GRID L100E+250S		30	1.21	1840	2	1.73	17	1850	29	0.02	<5	15	598	<20	0.46	<10
TALUS GRID L100E+275S		30	1.31	1710	2	1.76	21	1630	25	0.02	6	14	582	<20	0.43	<10
TALUS GRID L100E+325S		20	1.72	1615	1	1.59	41	1610	11	0.02	<5	19	458	<20	0.53	<10
TALUS GRID L100E+350S		20	1.84	1500	1	1.67	45	1460	15	0.03	<5	20	446	<20	0.54	<10
TALUS GRID L100E+25N		30	1.51	2120	3	1.70	30	1490	18	0.07	<5	15	575	<20	0.52	<10
TALUS GRID L100E+50N		40	1.99	1985	4	1.64	53	2010	12	0.16	6	17	359	<20	0.77	<10
TALUS GRID L100E+75N		30	3.35	1655	2	1.50	144	1630	11	0.11	<5	19	321	<20	0.76	<10



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Project: Keremeos Silver

## CERTIFICATE OF ANALYSIS VA08095161

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21
		U	V	W	Zn	Au
		ppm 10	ppm 1	ppm 10	ppm 2	ppm 0.001
TALUS GRID BLO+00		<10	184	<10	154	0.016
TALUS GRID BL+25E		<10	220	<10	157	0.016
TALUS GRID BL+50E		<10	178	<10	178	0.006
TALUS GRID BL+75E		<10	167	<10	176	0.020
TALUS GRID BL+100E		<10	178	<10	156	0.018
TALUS GRID LO+25S		<10	174	<10	133	0.009
TALUS GRID LO+50S		<10	194	<10	167	0.020
TALUS GRID LO+75S		<10	203	<10	169	0.011
TALUS GRID LO+100S		<10	188	<10	167	0.012
TALUS GRID LO+125S		<10	279	<10	129	0.008
TALUS GRID LO+150S		<10	292	<10	137	0.015
TALUS GRID LO+175S		<10	280	<10	142	0.015
TALUS GRID LO+200S		<10	176	<10	103	0.014
TALUS GRID LO+225S		<10	219	<10	137	0.018
TALUS GRID LO+300S		<10	184	<10	114	0.008
TALUS GRID LO+325S		<10	187	<10	126	0.013
TALUS GRID LO+350S		<10	181	<10	107	0.007
TALUS GRID LO+375S		<10	200	<10	125	0.007
TALUS GRID LO+400S		<10	182	<10	125	0.008
TALUS GRID LOE+25N		<10	194	<10	171	0.016
TALUS GRID LOE+50N		<10	152	<10	175	0.018
TALUS GRID LOE+75N		<10	171	<10	182	0.013
TALUS GRID LOE+100N		<10	178	<10	154	0.005
TALUS GRID LOE+125N		<10	159	<10	156	0.009
TALUS GRID LOE+200N		<10	147	<10	117	0.009
TALUS GRID LOE+225N		<10	159	<10	102	0.011
TALUS GRID L100E+25S		<10	205	<10	161	0.020
TALUS GRID L100E+50S		<10	174	<10	165	0.014
TALUS GRID L100E+75S		<10	203	<10	176	0.007
TALUS GRID L100E+100S		<10	248	<10	138	0.030
TALUS GRID L100E+125S		<10	152	<10	116	0.003
TALUS GRID L100E+150S		<10	275	<10	132	0.011
TALUS GRID L100E+175S		<10	261	<10	139	0.008
TALUS GRID L100E+250S		<10	174	10	146	0.013
TALUS GRID L100E+275S		<10	151	10	130	0.006
TALUS GRID L100E+325S		<10	188	<10	110	0.038
TALUS GRID L100E+350S		<10	194	<10	107	0.005
TALUS GRID L100E+25N		<10	142	<10	176	0.011
TALUS GRID L100E+50N		<10	149	<10	163	0.007
TALUS GRID L100E+75N		<10	181	<10	151	0.005





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## CERTIFICATE OF ANALYSIS VA08095161

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %
		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
TALUS GRID L100E+100N		0.32	<0.5	6.90	15	1750	1.4	4	2.54	<0.5	38	301	198	7.73	20	1.97
TALUS GRID L100E+125N		0.32	<0.5	7.13	17	1810	1.4	3	2.72	<0.5	37	299	210	8.00	20	1.97
TALUS GRID L100E+150N		0.48	0.9	7.08	34	2070	1.9	3	2.43	<0.5	34	245	148	7.51	20	2.12
TALUS GRID L100E+200N		0.50	0.7	7.34	28	2150	2.0	6	2.26	0.5	36	286	133	7.30	20	2.12
TALUS GRID L100E+225N		0.42	<0.5	7.08	27	2310	2.0	2	2.16	<0.5	36	294	141	7.49	20	2.08



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## CERTIFICATE OF ANALYSIS VA08095161

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	
	Units LOR	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
TALUS GRID L100E+100N		30	3.65	1520	2	1.49	159	2070	10	0.18	<5	20	314	<20	0.85	<10
TALUS GRID L100E+125N		30	3.82	1470	3	1.54	158	2030	11	0.19	<5	21	329	<20	0.89	<10
TALUS GRID L100E+150N		40	3.10	1485	3	1.92	159	1480	15	0.18	<5	15	264	<20	0.71	<10
TALUS GRID L100E+200N		40	3.02	1705	3	2.00	194	1470	11	0.22	<5	14	262	<20	0.65	<10
TALUS GRID L100E+225N		40	3.14	1610	3	1.89	199	1400	12	0.24	<5	14	236	<20	0.65	<10



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## CERTIFICATE OF ANALYSIS VA08095161

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21
	Analyte	U	V	W	Zn	Au
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001
TALUS GRID L100E+100N		<10	202	<10	138	0.005
TALUS GRID L100E+125N		<10	218	<10	136	0.007
TALUS GRID L100E+150N		<10	166	10	152	0.012
TALUS GRID L100E+200N		<10	135	<10	164	0.007
TALUS GRID L100E+225N		<10	140	<10	157	0.014





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## CERTIFICATE VA08088673

Project: Keremeos Silver

P.O. No.: 2008-1

This report is for 137 Soil samples submitted to our lab in Vancouver, BC, Canada on 23-JUN-2008.

The following have access to data associated with this certificate:

JAMES LAIRD

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: LAIRD EXPLORATION LTD.  
ATTN: JAMES LAIRD  
PO BOX 672  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manag



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Project: Keremeos Silver

## CERTIFICATE OF ANALYSIS VA08088673

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %
RIDGE GRID BLO+00		0.28	<0.5	5.95	7	890	1.0	<2	2.80	<0.5	18	76	40	4.30	10	1.14
RIDGE GRID BLO+25W		0.22	<0.5	6.20	9	970	1.1	<2	2.98	<0.5	18	85	53	4.58	10	1.18
RIDGE GRID BLO+50W		0.26	<0.5	5.83	16	1140	1.0	<2	3.50	<0.5	25	109	79	5.46	10	1.25
RIDGE GRID BLO+75W		0.24	<0.5	6.00	15	930	1.1	<2	3.12	<0.5	21	86	53	4.92	10	1.26
RIDGE GRID BLO+100W		0.22	<0.5	6.46	23	910	1.2	<2	3.43	<0.5	23	96	64	5.49	10	1.38
RIDGE GRID BLO+125W		0.28	<0.5	6.99	23	890	1.6	<2	3.58	<0.5	23	77	73	5.98	10	1.58
RIDGE GRID BLO+150W		0.30	0.7	6.73	16	760	2.1	<2	4.60	<0.5	28	60	193	7.55	20	1.91
RIDGE GRID BLO+175W		0.36	<0.5	6.97	12	610	2.6	<2	5.20	0.6	31	45	141	8.35	20	2.10
RIDGE GRID BLO+200W		0.34	0.8	7.26	44	590	2.5	<2	4.50	0.7	25	42	117	7.45	20	2.13
RIDGE GRID BLO+25E		0.32	<0.5	5.83	11	930	1.0	<2	2.85	<0.5	17	80	46	4.52	10	1.05
RIDGE GRID BLO+50E		0.28	<0.5	6.36	9	910	1.2	<2	2.12	<0.5	17	70	38	4.46	10	1.25
RIDGE GRID BLO+75E		0.44	<0.5	6.37	16	910	1.2	<2	1.89	<0.5	17	72	43	4.24	10	1.28
RIDGE GRID BLO+100E		0.42	<0.5	6.15	13	1020	1.1	<2	2.82	<0.5	18	80	45	4.45	10	1.24
RIDGE GRID BLO+125E		0.36	<0.5	6.43	8	1040	1.2	<2	2.02	<0.5	17	74	45	4.28	20	1.27
RIDGE GRID BLO+150E		0.34	<0.5	6.30	14	1030	1.1	<2	1.84	<0.5	18	76	50	4.07	10	1.27
RIDGE GRID BLO+175E		0.36	<0.5	6.25	8	980	1.2	<2	2.07	<0.5	21	99	68	4.63	10	1.29
RIDGE GRID BLO+200E		0.30	<0.5	5.77	9	920	1.1	<2	3.15	<0.5	20	87	56	4.56	10	1.18
RIDGE GRID BLO+225E		0.24	<0.5	5.75	15	960	1.0	<2	3.37	<0.5	22	90	63	5.11	10	1.12
RIDGE GRID BLO+250E		0.34	<0.5	5.35	16	880	1.0	<2	3.11	<0.5	20	82	56	4.37	<10	1.13
RIDGE GRID BLO+275E		0.40	<0.5	5.91	8	890	1.1	<2	3.22	<0.5	19	91	58	4.77	10	1.20
RIDGE GRID BLO+300E		0.32	<0.5	5.66	9	940	1.0	<2	3.35	<0.5	20	92	58	4.71	10	1.16
RIDGE GRID LO+25S		0.26	<0.5	4.93	<5	860	0.9	<2	2.67	0.5	16	65	41	3.74	10	0.98
RIDGE GRID LO+50S		0.40	<0.5	5.55	13	1040	1.0	<2	3.31	<0.5	22	97	64	4.99	10	1.15
RIDGE GRID LO+75S		0.36	<0.5	6.03	12	930	1.1	<2	2.64	<0.5	20	84	52	4.56	10	1.22
RIDGE GRID LO+100S		0.46	<0.5	5.75	15	930	1.1	<2	3.17	<0.5	20	85	53	4.77	10	1.15
RIDGE GRID LO+125S		0.42	<0.5	5.99	10	920	1.1	<2	2.85	<0.5	18	76	50	4.50	10	1.22
RIDGE GRID LO+150S		0.16	<0.5	6.11	17	900	1.1	<2	3.05	<0.5	20	80	47	4.92	10	1.29
RIDGE GRID LO+175S		0.16	<0.5	5.92	13	870	1.1	<2	3.30	0.5	18	81	50	4.86	10	1.24
RIDGE GRID LO+200S		0.18	<0.5	6.14	17	870	1.2	<2	2.12	<0.5	18	66	50	4.84	10	1.28
RIDGE GRID LO+225S		0.18	<0.5	5.84	16	880	1.2	<2	3.59	<0.5	21	84	67	5.37	10	1.36
RIDGE GRID LO+250S		0.22	<0.5	5.79	17	1110	1.1	<2	3.24	<0.5	24	98	73	5.26	10	1.29
RIDGE GRID LO+275S		0.22	<0.5	6.33	20	1070	1.2	<2	3.37	<0.5	25	93	66	5.56	10	1.36
RIDGE GRID LO+300S		0.18	<0.5	5.76	19	1040	1.0	<2	3.38	<0.5	21	94	59	5.23	10	1.29
RIDGE GRID LO+25N		0.34	<0.5	5.14	15	1070	0.9	<2	3.49	<0.5	21	102	67	5.07	10	1.09
RIDGE GRID LO+50N		0.34	0.6	5.92	13	1100	1.1	<2	3.10	<0.5	21	88	66	4.76	10	1.21
RIDGE GRID LO+75N		0.46	<0.5	5.28	17	1050	0.9	<2	3.39	0.5	22	97	64	5.02	10	1.10
RIDGE GRID LO+100N		0.32	<0.5	4.59	13	870	0.8	<2	3.41	0.5	21	87	55	5.11	10	0.95
RIDGE GRID LO+125N		0.42	<0.5	6.03	13	800	1.1	<2	1.97	<0.5	17	68	40	4.43	10	1.13
RIDGE GRID LO+150N		0.44	<0.5	5.73	13	940	1.0	<2	3.30	<0.5	20	83	52	4.77	10	1.15
RIDGE GRID LO+175N		0.42	<0.5	6.17	15	810	1.1	<2	2.68	<0.5	19	73	47	4.28	10	1.25



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Finalized Date: 28-JUL-200

Account: LAIEX

Project: Keremeos Silver

## CERTIFICATE OF ANALYSIS VA08088673

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	
	Units LOR	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
RIDGE GRID BLO+00		20	1.32	953	2	1.53	38	2110	9	0.04	<5	16	398	<20	0.45	<10
RIDGE GRID BLO+25W		20	1.43	1015	2	1.60	44	1790	8	0.03	<5	17	425	<20	0.51	<10
RIDGE GRID BLO+50W		20	1.82	1095	2	1.51	53	1450	7	0.04	<5	20	453	<20	0.58	<10
RIDGE GRID BLO+75W		20	1.49	1055	2	1.53	41	1830	9	0.05	<5	18	424	<20	0.50	<10
RIDGE GRID BLO+100W		20	1.71	1220	1	1.67	47	1880	9	0.04	<5	20	455	<20	0.55	<10
RIDGE GRID BLO+125W		20	1.75	1680	1	1.62	40	1440	14	0.01	<5	20	552	<20	0.59	<10
RIDGE GRID BLO+150W		30	2.23	1730	1	1.58	32	1620	14	0.01	<5	24	811	<20	0.66	<10
RIDGE GRID BLO+175W		40	2.29	2170	1	1.61	26	1760	21	0.02	<5	26	743	<20	0.73	<10
RIDGE GRID BLO+200W		40	1.90	1830	1	1.58	22	1320	22	0.01	<5	23	742	<20	0.64	<10
RIDGE GRID BLO+25E		20	1.36	1005	2	1.49	42	1370	8	0.03	<5	16	402	<20	0.45	<10
RIDGE GRID BLO+50E		20	1.31	924	2	1.64	41	2310	8	0.01	<5	15	400	<20	0.48	<10
RIDGE GRID BLO+75E		20	1.26	939	2	1.69	42	1740	10	0.01	<5	15	406	<20	0.48	<10
RIDGE GRID BLO+100E		20	1.34	1110	2	1.63	42	1770	8	0.01	<5	16	419	<20	0.50	<10
RIDGE GRID BLO+125E		20	1.24	1155	2	1.64	41	2860	10	0.01	<5	14	385	<20	0.48	<10
RIDGE GRID BLO+150E		20	1.24	1165	2	1.58	42	2730	10	0.02	<5	14	378	<20	0.46	<10
RIDGE GRID BLO+175E		20	1.41	1145	2	1.61	54	1830	10	0.02	<5	16	430	<20	0.52	<10
RIDGE GRID BLO+200E		20	1.40	1175	2	1.50	46	1860	10	0.05	<5	16	427	<20	0.50	10
RIDGE GRID BLO+225E		20	1.65	1100	2	1.44	46	1380	8	0.02	<5	20	410	<20	0.54	<10
RIDGE GRID BLO+250E		20	1.32	1140	1	1.41	40	2290	7	0.03	<5	15	405	<20	0.48	<10
RIDGE GRID BLO+275E		20	1.44	1040	2	1.58	43	2110	6	0.03	<5	17	451	<20	0.53	<10
RIDGE GRID BLO+300E		20	1.47	1045	2	1.52	45	1670	9	0.04	<5	17	429	<20	0.51	<10
RIDGE GRID LO+25S		10	1.12	859	2	1.26	34	1770	13	0.06	<5	13	371	<20	0.39	<10
RIDGE GRID LO+50S		20	1.58	1090	1	1.39	49	1590	11	0.04	<5	18	436	<20	0.53	<10
RIDGE GRID LO+75S		20	1.42	1010	1	1.51	41	2100	7	0.05	<5	16	411	<20	0.48	<10
RIDGE GRID LO+100S		20	1.42	1060	1	1.43	42	1940	9	0.06	<5	16	445	<20	0.48	<10
RIDGE GRID LO+125S		20	1.37	999	1	1.46	39	1880	9	0.05	<5	16	419	<20	0.46	<10
RIDGE GRID LO+150S		20	1.48	1040	1	1.54	41	1970	10	0.04	<5	17	450	<20	0.49	<10
RIDGE GRID LO+175S		20	1.47	1170	1	1.50	38	1780	10	0.05	<5	17	455	<20	0.50	<10
RIDGE GRID LO+200S		20	1.38	1355	2	1.55	34	2280	11	0.01	<5	16	448	<20	0.48	<10
RIDGE GRID LO+225S		20	1.59	1280	2	1.50	40	1970	12	0.03	<5	18	526	<20	0.54	<10
RIDGE GRID LO+250S		20	1.56	1400	2	1.44	47	1770	10	0.04	<5	18	465	<20	0.54	<10
RIDGE GRID LO+275S		20	1.69	1375	1	1.58	45	1650	10	0.02	<5	19	485	<20	0.58	10
RIDGE GRID LO+300S		20	1.62	1165	1	1.52	44	1620	9	0.04	<5	18	462	<20	0.54	<10
RIDGE GRID LO+25N		20	1.56	1145	2	1.30	51	1700	8	0.06	<5	17	433	<20	0.51	<10
RIDGE GRID LO+50N		20	1.50	1175	2	1.48	48	1880	12	0.04	<5	17	413	<20	0.50	<10
RIDGE GRID LO+75N		20	1.60	1170	1	1.31	51	1620	10	0.05	<5	18	404	<20	0.50	<10
RIDGE GRID LO+100N		10	1.61	1060	1	1.17	45	1090	13	0.04	<5	18	376	<20	0.49	<10
RIDGE GRID LO+125N		20	1.34	1075	2	1.52	37	2230	8	0.01	<5	16	363	<20	0.45	<10
RIDGE GRID LO+150N		20	1.50	1165	2	1.47	45	1760	11	0.02	<5	17	401	<20	0.51	<10
RIDGE GRID LO+175N		20	1.30	1015	2	1.60	41	1980	11	0.03	<5	15	378	<20	0.46	<10





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## CERTIFICATE OF ANALYSIS VA08088673

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21
		U	V	W	Zn	Au
		ppm	ppm	ppm	ppm	ppm
		10	1	10	2	0.001
RIDGE GRID BLO+00		<10	136	<10	92	0.005
RIDGE GRID BLO+25W		<10	148	<10	81	0.004
RIDGE GRID BLO+50W		<10	185	<10	71	0.007
RIDGE GRID BLO+75W		<10	160	<10	87	0.007
RIDGE GRID BLO+100W		<10	179	<10	92	0.006
RIDGE GRID BLO+125W		<10	200	<10	152	0.004
RIDGE GRID BLO+150W		<10	267	<10	148	0.003
RIDGE GRID BLO+175W		<10	301	10	169	0.009
RIDGE GRID BLO+200W		<10	271	10	176	0.008
RIDGE GRID BLO+25E		<10	137	<10	75	0.004
RIDGE GRID BLO+50E		<10	134	<10	76	0.001
RIDGE GRID BLO+75E		<10	132	<10	78	0.005
RIDGE GRID BLO+100E		<10	139	<10	79	0.004
RIDGE GRID BLO+125E		<10	123	<10	101	0.004
RIDGE GRID BLO+150E		<10	120	<10	100	0.005
RIDGE GRID BLO+175E		<10	139	<10	84	0.008
RIDGE GRID BLO+200E		<10	144	<10	83	0.006
RIDGE GRID BLO+225E		<10	170	<10	73	0.007
RIDGE GRID BLO+250E		<10	135	<10	91	0.017
RIDGE GRID BLO+275E		<10	147	<10	81	0.007
RIDGE GRID BLO+300E		<10	154	<10	75	0.010
RIDGE GRID LO+25S		<10	120	<10	113	0.003
RIDGE GRID LO+50S		<10	171	<10	75	0.004
RIDGE GRID LO+75S		<10	157	<10	89	0.003
RIDGE GRID LO+100S		<10	159	<10	87	0.006
RIDGE GRID LO+125S		<10	150	<10	85	0.003
RIDGE GRID LO+150S		<10	163	<10	89	0.005
RIDGE GRID LO+175S		<10	162	<10	92	0.005
RIDGE GRID LO+200S		<10	162	10	113	0.004
RIDGE GRID LO+225S		<10	184	<10	97	0.003
RIDGE GRID LO+250S		<10	173	10	102	0.001
RIDGE GRID LO+275S		<10	183	<10	99	0.007
RIDGE GRID LO+300S		<10	177	<10	78	0.004
RIDGE GRID LO+25N		<10	173	<10	89	0.003
RIDGE GRID LO+50N		<10	155	10	99	0.004
RIDGE GRID LO+75N		<10	168	<10	99	0.004
RIDGE GRID LO+100N		<10	177	<10	77	0.004
RIDGE GRID LO+125N		<10	144	<10	95	0.004
RIDGE GRID LO+150N		<10	155	<10	96	0.003
RIDGE GRID LO+175N		<10	140	<10	95	0.003



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## CERTIFICATE OF ANALYSIS VA08088673

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd WL kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %
RIDGE GRID LO+200N		0.48	<0.5	5.65	23	950	1.0	<2	3.32	0.6	21	89	60	5.01	10	1.14
RIDGE GRID L100E+25S		0.32	<0.5	6.25	11	960	1.2	<2	2.00	<0.5	19	77	51	4.46	10	1.27
RIDGE GRID L100E+50S		0.40	<0.5	6.30	14	980	1.2	<2	1.90	0.6	18	72	55	4.20	10	1.26
RIDGE GRID L100E+75S		0.30	0.5	5.78	11	1110	1.1	<2	2.18	0.5	22	90	66	4.44	10	1.25
RIDGE GRID L100E+100S		0.26	<0.5	6.43	13	1080	1.2	<2	2.12	<0.5	20	86	59	4.65	10	1.29
RIDGE GRID L100E+125S		0.30	<0.5	5.94	10	980	1.1	<2	2.15	<0.5	19	83	57	4.64	10	1.22
RIDGE GRID L100E+150S		0.30	<0.5	6.44	10	910	1.2	<2	2.11	<0.5	18	74	48	4.63	10	1.26
RIDGE GRID L100E+175S		0.26	<0.5	6.01	9	920	1.2	<2	2.12	0.5	18	72	54	4.32	10	1.20
RIDGE GRID L100E+200S		0.26	<0.5	5.46	9	890	1.1	<2	2.00	<0.5	17	67	50	3.84	10	1.06
RIDGE GRID L100E+225S		0.26	<0.5	6.00	12	960	1.1	<2	1.96	<0.5	19	73	52	4.37	10	1.19
RIDGE GRID L100E+250S		0.22	<0.5	5.63	15	940	1.0	<2	1.91	<0.5	17	66	43	4.18	10	1.13
RIDGE GRID L100E+275S		0.28	<0.5	6.55	13	930	1.2	<2	1.94	<0.5	14	54	39	3.85	10	1.32
RIDGE GRID L100E+300S		0.32	<0.5	5.83	<5	970	1.1	<2	2.07	<0.5	13	54	29	3.73	10	1.21
RIDGE GRID L100E+25N		0.34	<0.5	5.69	7	1120	1.0	<2	1.88	<0.5	18	72	44	4.14	10	1.18
RIDGE GRID L100E+50N		0.32	<0.5	6.26	8	1100	1.1	<2	2.13	<0.5	18	72	39	4.45	10	1.27
RIDGE GRID L100E+75N		0.30	<0.5	6.52	13	1030	1.2	<2	2.60	<0.5	18	77	44	4.34	10	1.36
RIDGE GRID L100E+100N		0.28	<0.5	5.95	10	960	1.1	4	2.86	<0.5	17	79	44	4.39	10	1.26
RIDGE GRID L100E+125N		0.20	<0.5	6.03	10	910	1.1	4	2.88	<0.5	17	78	49	4.45	20	1.24
RIDGE GRID L100E+150N		0.26	0.8	5.64	11	1140	1.0	2	2.91	<0.5	18	81	56	4.25	10	1.22
RIDGE GRID L100E+175N		0.22	<0.5	5.78	10	970	1.0	2	3.20	<0.5	18	89	53	4.55	10	1.22
RIDGE GRID L100E+200N		0.24	0.8	5.52	9	900	1.0	<2	3.06	0.5	16	81	53	4.13	10	1.18
RIDGE GRID L200E+25S		0.30	0.8	5.20	10	960	1.0	2	3.23	<0.5	18	90	73	4.36	10	1.18
RIDGE GRID L200E+50S		0.36	<0.5	5.26	10	840	1.0	<2	3.07	<0.5	19	84	60	4.54	20	1.12
RIDGE GRID L200E+75S		0.32	<0.5	5.44	13	940	1.0	<2	3.03	0.5	19	84	57	4.48	10	1.15
RIDGE GRID L200E+100S		0.32	<0.5	5.32	7	990	1.0	<2	2.91	0.6	18	81	62	4.32	10	1.14
RIDGE GRID L200E+125S		0.38	0.5	5.52	7	940	1.1	<2	3.18	0.5	20	95	59	4.89	20	1.18
RIDGE GRID L200E+150S		0.48	<0.5	5.75	15	940	1.1	<2	3.36	0.5	23	108	73	5.68	10	1.27
RIDGE GRID L200E+175S		0.38	<0.5	5.76	8	990	1.1	2	3.31	0.5	23	106	63	5.42	10	1.30
RIDGE GRID L200E+200S		0.40	<0.5	5.79	13	900	1.1	<2	3.04	<0.5	19	92	59	4.99	10	1.21
RIDGE GRID L200E+225S		0.36	<0.5	5.62	7	890	1.1	<2	3.13	<0.5	18	82	48	4.80	10	1.15
RIDGE GRID L200E+250S		0.26	<0.5	5.63	8	890	1.1	<2	2.79	<0.5	17	74	51	4.25	10	1.21
RIDGE GRID L200E+275S		0.24	<0.5	5.73	10	890	1.1	3	2.60	<0.5	17	75	47	4.10	10	1.23
RIDGE GRID L200E+25N		0.24	<0.5	5.56	9	880	1.1	<2	2.85	<0.5	20	87	59	4.46	10	1.17
RIDGE GRID L200E+50N		0.18	0.7	5.50	12	910	1.1	3	3.00	0.5	20	97	71	4.56	20	1.25
RIDGE GRID L200E+75N		0.20	<0.5	5.89	9	1030	1.1	2	2.82	<0.5	19	88	70	4.53	10	1.28
RIDGE GRID L200E+100N		0.16	<0.5	5.47	12	930	1.0	<2	2.89	<0.5	18	87	61	4.33	10	1.20
RIDGE GRID L200E+125N		0.16	0.5	6.01	<5	920	1.1	<2	2.94	0.5	16	77	64	4.08	10	1.32
RIDGE GRID L200E+150N		0.12	0.5	5.59	6	880	1.0	<2	2.75	0.5	16	83	55	4.12	10	1.23
RIDGE GRID L200E+175N		0.18	<0.5	5.33	7	830	0.9	2	2.99	<0.5	17	89	58	4.42	10	1.14
RIDGE GRID L200E+200N		0.24	<0.5	5.80	15	900	1.1	<2	3.18	<0.5	20	95	61	4.86	10	1.24



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Account: LAIEX

Project: Keremeos Silver

## CERTIFICATE OF ANALYSIS VA08088673

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm
RIDGE GRID LO+200N		20	1.58	1375	2	1.43	48	1860	12	0.04	<5	18	399	<20	0.52	<10
RIDGE GRID L100E+25S		20	1.36	1030	1	1.64	48	1500	10	0.01	<5	15	418	<20	0.51	<10
RIDGE GRID L100E+50S		20	1.24	1155	1	1.60	43	2800	10	0.01	<5	14	396	<20	0.47	<10
RIDGE GRID L100E+75S		20	1.39	1340	2	1.45	53	1420	9	0.04	<5	15	398	<20	0.50	<10
RIDGE GRID L100E+100S		20	1.41	1285	2	1.63	50	1660	9	0.03	<5	16	431	<20	0.50	<10
RIDGE GRID L100E+125S		20	1.41	1125	2	1.54	46	1990	10	0.04	<5	16	441	<20	0.51	10
RIDGE GRID L100E+150S		20	1.30	1110	2	1.62	37	2160	9	0.02	<5	16	424	<20	0.50	<10
RIDGE GRID L100E+175S		20	1.23	1215	2	1.55	42	2710	9	0.04	<5	14	416	<20	0.47	<10
RIDGE GRID L100E+200S		20	1.15	1075	1	1.35	40	1930	9	0.04	<5	13	369	<20	0.41	<10
RIDGE GRID L100E+225S		20	1.34	1180	2	1.49	47	1950	10	0.03	<5	15	391	<20	0.47	<10
RIDGE GRID L100E+250S		20	1.24	1165	2	1.43	40	1810	10	0.03	<5	14	376	<20	0.44	<10
RIDGE GRID L100E+275S		20	1.09	975	2	1.73	34	2230	12	0.01	<5	13	386	<20	0.45	<10
RIDGE GRID L100E+300S		20	1.02	1070	1	1.60	34	2500	10	0.01	<5	12	396	<20	0.43	<10
RIDGE GRID L100E+25N		20	1.30	1110	2	1.49	41	1850	8	0.01	<5	15	387	<20	0.49	10
RIDGE GRID L100E+50N		20	1.38	1010	2	1.63	43	2570	8	0.01	<5	16	414	<20	0.52	<10
RIDGE GRID L100E+75N		20	1.35	956	2	1.73	43	2180	11	0.01	<5	16	404	<20	0.50	<10
RIDGE GRID L100E+100N		20	1.40	1060	1	1.61	37	2310	8	0.01	<5	16	393	<20	0.46	<10
RIDGE GRID L100E+125N		20	1.41	1050	1	1.62	41	1950	6	0.02	6	16	378	<20	0.48	<10
RIDGE GRID L100E+150N		10	1.42	1365	1	1.49	42	2550	9	0.02	<5	16	374	<20	0.47	<10
RIDGE GRID L100E+175N		20	1.63	1070	1	1.56	46	1790	8	0.03	<5	18	394	<20	0.53	<10
RIDGE GRID L100E+200N		10	1.42	1045	1	1.48	42	1960	11	0.05	<5	16	385	<20	0.47	<10
RIDGE GRID L200E+25S		10	1.44	1155	1	1.36	43	1990	8	0.04	7	16	387	<20	0.46	<10
RIDGE GRID L200E+50S		10	1.43	1060	1	1.39	40	1500	9	0.04	<5	16	388	<20	0.46	<10
RIDGE GRID L200E+75S		10	1.44	1080	<1	1.42	43	1390	9	0.03	<5	17	385	<20	0.47	<10
RIDGE GRID L200E+100S		10	1.28	1285	<1	1.42	41	2170	12	0.04	5	14	396	<20	0.44	<10
RIDGE GRID L200E+125S		20	1.45	1165	<1	1.51	44	1460	9	0.04	6	16	427	<20	0.52	<10
RIDGE GRID L200E+150S		20	1.68	1295	<1	1.55	51	1550	8	0.03	<5	18	449	<20	0.57	<10
RIDGE GRID L200E+175S		20	1.56	1400	<1	1.54	49	1700	12	0.03	<5	17	450	<20	0.55	<10
RIDGE GRID L200E+200S		20	1.46	1200	<1	1.58	46	1460	9	0.02	6	17	431	<20	0.52	<10
RIDGE GRID L200E+225S		20	1.43	1045	<1	1.57	39	1380	6	0.02	5	17	435	<20	0.52	<10
RIDGE GRID L200E+250S		20	1.28	1060	1	1.55	39	1530	10	0.02	<5	15	402	<20	0.47	<10
RIDGE GRID L200E+275S		20	1.23	1120	1	1.56	37	2170	8	0.02	<5	14	383	<20	0.46	<10
RIDGE GRID L200E+25N		20	1.41	1075	1	1.49	45	1490	9	0.03	5	16	398	<20	0.48	<10
RIDGE GRID L200E+50N		20	1.51	1150	1	1.47	50	1620	9	0.04	<5	16	409	<20	0.49	<10
RIDGE GRID L200E+75N		20	1.52	1055	1	1.51	45	1550	7	0.03	<5	17	396	<20	0.48	<10
RIDGE GRID L200E+100N		10	1.37	1075	1	1.46	44	1600	8	0.03	5	15	395	<20	0.47	<10
RIDGE GRID L200E+125N		20	1.42	911	1	1.57	40	1320	11	0.04	<5	16	397	<20	0.46	<10
RIDGE GRID L200E+150N		10	1.40	1065	1	1.45	43	1200	15	0.03	<5	15	351	<20	0.46	<10
RIDGE GRID L200E+175N		10	1.49	1015	<1	1.38	42	1470	10	0.05	<5	16	353	<20	0.46	<10
RIDGE GRID L200E+200N		20	1.61	1135	1	1.50	49	1920	8	0.05	<5	18	385	<20	0.51	<10





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## CERTIFICATE OF ANALYSIS VA08088673

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21
		U	V	W	Zn	Au
		ppm	ppm	ppm	ppm	ppm
		10	1	10	2	0.001
RIDGE GRID LO+200N		<10	159	<10	106	<0.001
RIDGE GRID L100E+25S		<10	141	<10	87	0.004
RIDGE GRID L100E+50S		<10	127	<10	117	0.024
RIDGE GRID L100E+75S		<10	130	<10	95	0.002
RIDGE GRID L100E+100S		<10	144	<10	95	<0.001
RIDGE GRID L100E+125S		<10	144	<10	85	0.003
RIDGE GRID L100E+150S		<10	144	10	97	<0.001
RIDGE GRID L100E+175S		<10	133	<10	99	<0.001
RIDGE GRID L100E+200S		<10	114	<10	84	0.008
RIDGE GRID L100E+225S		<10	140	<10	91	0.005
RIDGE GRID L100E+250S		<10	132	<10	93	0.001
RIDGE GRID L100E+275S		<10	113	<10	88	0.001
RIDGE GRID L100E+300S		<10	108	<10	96	<0.001
RIDGE GRID L100E+25N		<10	131	<10	76	0.001
RIDGE GRID L100E+50N		<10	138	<10	89	<0.001
RIDGE GRID L100E+75N		<10	137	<10	94	0.005
RIDGE GRID L100E+100N		<10	139	<10	88	0.005
RIDGE GRID L100E+125N		<10	139	<10	82	0.003
RIDGE GRID L100E+150N		<10	133	<10	99	0.005
RIDGE GRID L100E+175N		<10	146	<10	75	<0.001
RIDGE GRID L100E+200N		<10	128	<10	93	0.015
RIDGE GRID L200E+25S		<10	137	<10	79	0.005
RIDGE GRID L200E+50S		<10	142	<10	74	0.002
RIDGE GRID L200E+75S		<10	140	<10	80	<0.001
RIDGE GRID L200E+100S		<10	127	<10	99	0.003
RIDGE GRID L200E+125S		<10	146	<10	84	0.004
RIDGE GRID L200E+150S		<10	172	<10	88	0.001
RIDGE GRID L200E+175S		<10	163	<10	101	0.002
RIDGE GRID L200E+200S		<10	152	<10	81	0.003
RIDGE GRID L200E+225S		<10	151	<10	68	0.002
RIDGE GRID L200E+250S		<10	128	<10	75	0.002
RIDGE GRID L200E+275S		<10	119	<10	86	<0.001
RIDGE GRID L200E+25N		<10	134	<10	80	0.002
RIDGE GRID L200E+50N		<10	135	<10	83	0.018
RIDGE GRID L200E+75N		<10	142	<10	87	0.005
RIDGE GRID L200E+100N		<10	132	<10	81	0.008
RIDGE GRID L200E+125N		<10	122	<10	98	0.002
RIDGE GRID L200E+150N		<10	125	<10	85	0.001
RIDGE GRID L200E+175N		<10	138	<10	93	0.002
RIDGE GRID L200E+200N		<10	150	<10	96	0.002



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## CERTIFICATE OF ANALYSIS VA08088673

Sample Description	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %
	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
RIDGE GRID L300E+50S	0.34	<0.5	5.21	9	870	1.0	<2	2.99	<0.5	16	79	53	4.06	10	1.10
RIDGE GRID L300E+75S	0.28	<0.5	5.43	8	850	1.0	2	2.63	<0.5	16	69	49	3.91	10	1.12
RIDGE GRID L300E+100S	0.28	<0.5	5.88	5	880	1.1	<2	2.36	<0.5	16	63	46	3.83	20	1.24
RIDGE GRID L300E+125S	0.28	<0.5	5.47	5	890	1.0	2	2.51	<0.5	15	69	42	4.02	10	1.17
RIDGE GRID L300E+150S	0.24	<0.5	5.66	6	1030	1.0	2	2.53	0.5	13	64	36	3.62	10	1.25
RIDGE GRID L300E+175S	0.48	<0.5	6.41	9	940	1.2	<2	3.17	<0.5	19	94	70	5.16	10	1.40
RIDGE GRID L300E+200S	0.24	<0.5	6.15	5	870	1.1	<2	2.39	<0.5	14	77	38	3.83	10	1.36
RIDGE GRID L300E+225S	0.22	<0.5	6.31	5	920	1.2	2	2.59	<0.5	15	67	38	3.98	20	1.34
RIDGE GRID L300E+250S	0.28	<0.5	6.28	<5	890	1.2	<2	2.56	<0.5	13	65	42	4.00	10	1.31
RIDGE GRID L300E+275S	0.28	<0.5	6.94	15	910	1.4	2	2.64	<0.5	15	73	52	4.52	20	1.44
RIDGE GRID L300E+300S	0.24	<0.5	6.37	<5	840	1.3	2	2.36	0.7	13	54	50	3.65	10	1.37
RIDGE GRID L300E+50N	0.26	0.6	5.31	5	870	1.0	<2	3.36	<0.5	18	81	68	4.19	10	1.19
RIDGE GRID L300E+75N	0.24	0.6	4.95	14	780	0.9	<2	3.02	<0.5	18	86	66	3.99	10	1.10
RIDGE GRID L300E+100N	0.28	<0.5	4.94	10	800	0.9	<2	2.85	<0.5	17	73	58	3.69	10	1.08
RIDGE GRID L300E+125N	0.22	0.7	4.63	10	760	0.8	<2	2.67	<0.5	14	63	56	3.42	10	1.03
RIDGE GRID L300E+150N	0.24	<0.5	4.99	9	900	0.9	<2	2.80	<0.5	16	79	62	3.80	10	1.10
RIDGE GRID L300E+175N	0.20	<0.5	5.11	10	790	0.9	4	2.70	<0.5	16	75	54	3.58	10	1.17
RIDGE GRID L300E+200N	0.30	0.5	4.81	16	800	0.9	<2	2.56	0.6	18	80	61	3.68	10	1.09
RIDGE GRID L100W+25S	0.44	<0.5	5.47	16	900	1.0	<2	3.37	<0.5	23	98	61	5.50	10	1.19
RIDGE GRID L100W+50S	0.36	<0.5	5.54	17	870	1.0	<2	3.13	<0.5	19	85	53	4.94	20	1.15
RIDGE GRID L100W+75S	0.50	<0.5	5.84	22	880	1.1	<2	3.12	0.6	19	86	64	5.14	10	1.30
RIDGE GRID L100W+100S	0.46	0.5	6.26	13	840	1.2	<2	3.02	<0.5	20	91	64	5.21	20	1.44
RIDGE GRID L100W+125S	0.56	<0.5	5.88	19	830	1.1	2	3.29	<0.5	21	90	67	5.61	10	1.38
RIDGE GRID L100W+150S	0.48	<0.5	6.10	20	910	1.2	<2	4.12	<0.5	26	104	80	6.88	10	1.45
RIDGE GRID L100W+175S	0.50	0.6	5.67	14	860	1.2	2	3.47	0.7	19	83	61	5.41	10	1.46
RIDGE GRID L100W+200S	0.66	<0.5	5.95	17	910	1.2	<2	3.83	<0.5	22	90	72	5.94	10	1.46
RIDGE GRID L100W+225S	0.50	<0.5	6.38	22	900	1.3	<2	4.26	<0.5	26	104	84	6.83	20	1.57
RIDGE GRID L100W+250S	0.70	<0.5	6.04	18	830	1.3	<2	3.66	<0.5	24	91	73	6.02	10	1.46
RIDGE GRID L100W+275S	0.50	<0.5	5.83	15	800	1.1	<2	3.96	<0.5	24	98	65	6.34	10	1.34
RIDGE GRID L100W+300S	0.32	<0.5	5.44	18	780	1.1	<2	3.86	<0.5	24	101	69	6.06	10	1.29
RIDGE GRID L100W+25N	0.16	<0.5	5.81	13	820	1.1	<2	3.11	<0.5	19	84	54	4.81	10	1.19
RIDGE GRID L100W+50N	0.28	<0.5	5.50	14	800	1.0	<2	3.04	<0.5	16	76	47	4.59	10	1.12
RIDGE GRID L100W+75N	0.44	<0.5	5.67	14	830	1.0	2	3.35	<0.5	21	92	53	5.77	10	1.17
RIDGE GRID L100W+100N	0.30	<0.5	6.00	11	780	1.1	2	2.82	<0.5	17	73	47	4.57	10	1.14
RIDGE GRID L100W+125N	0.30	<0.5	5.43	16	740	1.0	<2	3.13	0.5	18	89	45	5.20	10	1.04
RIDGE GRID L100W+150N	0.32	<0.5	5.26	15	730	1.0	2	2.58	0.5	16	78	53	4.14	10	1.09
RIDGE GRID L100W+175N	0.32	<0.5	5.73	23	800	1.1	4	3.15	<0.5	20	96	62	5.30	10	1.25
RIDGE GRID L100W+200N	0.38	<0.5	5.75	25	790	1.1	<2	2.95	<0.5	20	90	62	5.34	10	1.20
RIDGE GRID L200W+25S	0.26	<0.5	7.35	18	580	2.3	3	4.68	0.6	23	35	129	6.90	20	2.18
RIDGE GRID L200W+75S	0.32	<0.5	5.75	20	830	1.1	<2	4.21	<0.5	31	113	123	7.59	10	1.35



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Project: Keremeos Silver

## CERTIFICATE OF ANALYSIS VA08088673

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm
RIDGE GRID L300E+50S		10	1.28	967	1	1.40	35	1540	9	0.04	<5	15	382	<20	0.44	<10
RIDGE GRID L300E+75S		10	1.15	989	<1	1.46	36	1550	8	0.03	<5	14	357	<20	0.41	<10
RIDGE GRID L300E+100S		20	1.09	1065	1	1.56	35	2350	10	0.02	<5	13	361	<20	0.42	<10
RIDGE GRID L300E+125S		10	1.15	972	1	1.52	33	1860	8	0.01	5	14	380	<20	0.43	<10
RIDGE GRID L300E+150S		10	1.08	1160	1	1.58	32	2150	6	0.01	5	13	371	<20	0.43	<10
RIDGE GRID L300E+175S		20	1.63	938	1	1.81	45	1190	8	0.01	<5	19	461	<20	0.60	<10
RIDGE GRID L300E+200S		20	1.13	921	<1	1.67	38	1830	6	0.01	<5	14	365	<20	0.44	<10
RIDGE GRID L300E+225S		20	1.19	960	1	1.76	35	1620	10	0.01	5	15	399	<20	0.47	<10
RIDGE GRID L300E+250S		20	1.20	868	<1	1.73	35	1810	9	0.01	<5	15	387	<20	0.48	<10
RIDGE GRID L300E+275S		20	1.34	941	<1	1.86	35	1650	10	0.01	<5	16	426	<20	0.53	<10
RIDGE GRID L300E+300S		20	1.04	913	<1	1.77	33	2270	10	0.01	<5	13	376	<20	0.43	<10
RIDGE GRID L300E+50N		10	1.37	947	<1	1.44	41	1610	10	0.05	<5	15	416	<20	0.45	<10
RIDGE GRID L300E+75N		10	1.24	956	1	1.32	42	1710	9	0.07	<5	13	364	<20	0.41	<10
RIDGE GRID L300E+100N		10	1.18	925	1	1.30	37	1900	8	0.07	<5	13	346	<20	0.39	<10
RIDGE GRID L300E+125N		10	1.11	833	1	1.25	32	1570	11	0.07	<5	12	319	<20	0.36	<10
RIDGE GRID L300E+150N		10	1.26	952	1	1.32	38	1460	7	0.06	<5	13	350	<20	0.41	<10
RIDGE GRID L300E+175N		10	1.12	913	1	1.34	39	2020	10	0.07	6	12	337	<20	0.39	<10
RIDGE GRID L300E+200N		10	1.17	869	1	1.27	47	1670	10	0.07	<5	12	319	<20	0.40	<10
RIDGE GRID L100W+25S		10	1.73	1185	<1	1.46	44	1480	7	0.04	<5	19	425	<20	0.51	<10
RIDGE GRID L100W+50S		10	1.58	1200	<1	1.44	39	1640	6	0.03	5	18	408	<20	0.48	<10
RIDGE GRID L100W+75S		20	1.63	1140	1	1.52	40	1600	7	0.04	<5	18	416	<20	0.52	<10
RIDGE GRID L100W+100S		20	1.59	1140	<1	1.59	41	1510	9	0.04	6	18	442	<20	0.51	10
RIDGE GRID L100W+125S		20	1.73	1125	1	1.50	43	1570	9	0.04	<5	20	452	<20	0.53	<10
RIDGE GRID L100W+150S		20	2.21	1325	<1	1.60	48	1720	8	0.03	<5	24	532	<20	0.61	<10
RIDGE GRID L100W+175S		20	1.64	1285	1	1.47	37	1520	9	0.04	<5	19	510	<20	0.52	<10
RIDGE GRID L100W+200S		20	1.93	1365	<1	1.55	43	1570	8	0.04	6	22	513	<20	0.56	<10
RIDGE GRID L100W+225S		20	2.23	1370	<1	1.64	48	1640	8	0.03	<5	24	532	<20	0.63	<10
RIDGE GRID L100W+250S		20	1.97	1310	<1	1.51	41	1310	9	0.03	<5	22	477	<20	0.56	<10
RIDGE GRID L100W+275S		20	2.17	1280	1	1.46	48	1290	10	0.03	<5	23	477	<20	0.58	<10
RIDGE GRID L100W+300S		20	2.12	1180	<1	1.37	47	1480	7	0.05	5	23	458	<20	0.54	<10
RIDGE GRID L100W+25N		10	1.48	1090	<1	1.47	40	1850	10	0.06	<5	17	401	<20	0.46	<10
RIDGE GRID L100W+50N		10	1.45	1030	<1	1.40	34	1780	6	0.06	<5	16	390	<20	0.44	<10
RIDGE GRID L100W+75N		10	1.72	1205	<1	1.44	43	1420	4	0.04	<5	20	416	<20	0.54	<10
RIDGE GRID L100W+100N		10	1.46	1035	<1	1.52	38	1310	11	0.03	6	17	385	<20	0.46	<10
RIDGE GRID L100W+125N		10	1.62	1050	<1	1.43	42	1100	6	0.03	<5	18	389	<20	0.49	<10
RIDGE GRID L100W+150N		10	1.30	1000	2	1.32	37	1370	9	0.04	<5	15	334	<20	0.41	<10
RIDGE GRID L100W+175N		20	1.63	1155	1	1.47	43	1660	10	0.04	<5	18	405	<20	0.49	<10
RIDGE GRID L100W+200N		20	1.62	1170	1	1.43	47	1450	9	0.04	<5	19	397	<20	0.51	<10
RIDGE GRID L200W+25S		30	2.06	1585	<1	1.49	19	1300	10	0.01	10	21	735	<20	0.58	<10
RIDGE GRID L200W+75S		20	2.83	1310	<1	1.25	69	1260	10	0.02	6	29	471	<20	0.62	<10



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Finalized Date: 28-JUL-200

Account: LAIEX

Project: Keremeos Silver

## CERTIFICATE OF ANALYSIS VA08088673

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21
		U	V	W	Zn	Au
		ppm	ppm	ppm	ppm	ppm
		10	1	10	2	0.001
RIDGE GRID L300E+50S		<10	123	<10	78	0.001
RIDGE GRID L300E+75S		<10	116	<10	71	0.004
RIDGE GRID L300E+100S		<10	109	<10	89	0.001
RIDGE GRID L300E+125S		<10	122	<10	71	0.001
RIDGE GRID L300E+150S		<10	107	<10	116	0.001
RIDGE GRID L300E+175S		<10	175	<10	67	0.006
RIDGE GRID L300E+200S		<10	112	<10	77	0.003
RIDGE GRID L300E+225S		<10	119	<10	80	0.005
RIDGE GRID L300E+250S		<10	119	<10	72	0.001
RIDGE GRID L300E+275S		<10	139	<10	82	0.004
RIDGE GRID L300E+300S		<10	105	<10	85	0.001
RIDGE GRID L300E+50N		<10	128	<10	64	0.004
RIDGE GRID L300E+75N		<10	118	<10	72	0.003
RIDGE GRID L300E+100N		<10	107	<10	77	0.008
RIDGE GRID L300E+125N		<10	101	<10	70	0.001
RIDGE GRID L300E+150N		<10	113	<10	74	<0.001
RIDGE GRID L300E+175N		<10	101	<10	92	<0.001
RIDGE GRID L300E+200N		<10	100	<10	96	0.001
RIDGE GRID L100W+25S		<10	180	<10	81	<0.001
RIDGE GRID L100W+50S		<10	160	<10	87	0.002
RIDGE GRID L100W+75S		<10	164	<10	79	0.002
RIDGE GRID L100W+100S		<10	168	<10	85	0.006
RIDGE GRID L100W+125S		<10	189	<10	77	0.003
RIDGE GRID L100W+150S		<10	238	<10	84	0.042
RIDGE GRID L100W+175S		<10	176	<10	86	0.002
RIDGE GRID L100W+200S		<10	199	<10	89	0.003
RIDGE GRID L100W+225S		<10	235	<10	89	0.005
RIDGE GRID L100W+250S		<10	204	<10	88	0.005
RIDGE GRID L100W+275S		<10	221	<10	82	0.005
RIDGE GRID L100W+300S		<10	219	<10	78	0.033
RIDGE GRID L100W+25N		<10	156	<10	81	0.002
RIDGE GRID L100W+50N		<10	150	<10	77	0.003
RIDGE GRID L100W+75N		<10	192	<10	76	<0.001
RIDGE GRID L100W+100N		<10	148	<10	77	0.014
RIDGE GRID L100W+125N		<10	173	<10	67	0.004
RIDGE GRID L100W+150N		<10	128	<10	89	<0.001
RIDGE GRID L100W+175N		<10	168	<10	91	0.001
RIDGE GRID L100W+200N		<10	170	<10	85	0.002
RIDGE GRID L200W+25S		<10	241	<10	143	0.002
RIDGE GRID L200W+75S		<10	274	<10	91	0.008





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Finalized Date: 28-JUL-200

Account: LAIEX

Project: Keremeos Silver

## CERTIFICATE OF ANALYSIS VA08088673

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %
		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
RIDGE GRID L200W+100S		0.34	<0.5	6.21	17	760	1.3	<2	3.87	<0.5	26	91	89	6.79	20	1.38
RIDGE GRID L200W+125S		0.30	<0.5	6.22	17	730	1.2	<2	3.90	<0.5	23	97	85	6.77	10	1.41
RIDGE GRID L200W+150S		0.30	<0.5	6.09	12	780	1.3	<2	3.92	<0.5	25	90	85	7.06	20	1.44
RIDGE GRID L200W+175S		0.24	0.5	6.62	16	570	2.1	<2	5.78	<0.5	26	54	157	8.02	20	2.00
RIDGE GRID L200W+200S		0.36	0.7	6.72	13	610	2.0	<2	4.49	<0.5	25	51	185	7.28	20	1.87
RIDGE GRID L200W+225S		0.18	<0.5	6.58	21	590	1.6	<2	3.98	0.5	27	101	105	6.14	10	1.52
RIDGE GRID L200W+250S		0.20	3.0	7.29	11	530	1.7	<2	4.25	0.6	23	99	129	6.60	20	1.53
RIDGE GRID L200W+275S		0.24	0.9	7.05	20	630	2.1	<2	4.28	0.6	23	59	118	6.81	20	1.93
RIDGE GRID L200W+300S		0.24	<0.5	6.84	16	690	1.5	<2	3.97	<0.5	29	81	106	6.90	20	1.36
RIDGE GRID L200W+25N		0.38	32.5	7.74	3130	670	3.6	<2	2.07	0.7	28	30	252	7.45	20	4.39
RIDGE GRID L200W+50N		0.42	65.4	7.18	5600	640	2.6	<2	2.27	4.9	19	21	248	6.61	20	4.10
RIDGE GRID L200W+75N		0.42	15.0	7.08	1000	490	3.1	2	3.99	1.0	31	13	273	8.39	20	2.82
RIDGE GRID L200W+100N		0.38	<0.5	7.24	62	610	2.4	<2	3.95	<0.5	25	49	130	7.19	20	2.06
RIDGE GRID L200W+125N		0.48	0.7	6.44	40	810	1.5	<2	3.53	<0.5	25	97	86	6.68	10	1.66
RIDGE GRID L200W+150N		0.48	1.5	6.54	77	790	1.5	<2	3.09	0.5	24	84	81	5.76	10	1.70
RIDGE GRID L200W+175N		0.32	1.0	6.67	72	800	1.5	<2	3.00	0.5	22	80	83	5.31	10	1.62
RIDGE GRID L200W+200N		0.50	0.6	6.42	24	790	1.3	<2	3.01	<0.5	23	93	76	5.54	10	1.49



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Finalized Date: 28-JUL-2006

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Project: Keremeos Silver

## CERTIFICATE OF ANALYSIS VA08088673

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
		ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		10	0.01	5	1	0.01	1	10	2	0.01	5	1	20	0.01	10	
RIDGE GRID L200W+100S		20	2.17	1340	<1	1.44	45	1120	8	0.02	7	25	480	<20	0.59	<10
RIDGE GRID L200W+125S		20	2.13	1145	<1	1.50	43	1080	9	0.02	<5	25	491	<20	0.59	<10
RIDGE GRID L200W+150S		20	2.19	1225	<1	1.49	46	1190	11	0.02	9	26	495	<20	0.60	<10
RIDGE GRID L200W+175S		40	2.46	1675	<1	1.34	34	2770	8	0.02	7	25	592	<20	0.63	<10
RIDGE GRID L200W+200S		30	2.20	1535	<1	1.50	26	1590	12	0.02	6	24	574	<20	0.60	<10
RIDGE GRID L200W+225S		20	2.00	1690	<1	1.46	48	1310	14	0.03	<5	21	523	<20	0.59	<10
RIDGE GRID L200W+250S		30	2.24	1290	<1	1.56	48	1150	17	0.01	6	22	528	<20	0.65	<10
RIDGE GRID L200W+275S		30	2.11	1250	<1	1.55	31	1380	25	0.01	<5	24	578	<20	0.60	<10
RIDGE GRID L200W+300S		20	2.38	1025	1	1.37	51	840	12	0.01	8	26	502	<20	0.59	10
RIDGE GRID L200W+25N		40	1.29	1160	3	0.65	24	3180	35	0.01	14	22	537	<20	0.58	<10
RIDGE GRID L200W+50N		40	0.84	687	3	0.59	14	2030	113	0.05	48	17	742	<20	0.49	10
RIDGE GRID L200W+75N		50	2.09	1865	2	1.30	14	3140	21	0.01	9	24	684	<20	0.63	<10
RIDGE GRID L200W+100N		40	1.89	1555	1	1.50	24	1620	13	0.01	<5	21	620	<20	0.62	10
RIDGE GRID L200W+125N		30	1.92	1265	2	1.55	47	1470	11	0.02	<5	21	528	<20	0.60	<10
RIDGE GRID L200W+150N		20	1.69	1270	2	1.55	39	1210	17	0.02	<5	20	513	<20	0.54	<10
RIDGE GRID L200W+175N		20	1.61	1345	1	1.56	39	1650	11	0.02	<5	18	511	<20	0.51	<10
RIDGE GRID L200W+200N		20	1.65	1140	1	1.58	41	1560	9	0.03	<5	19	466	<20	0.54	<10



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Total # Pages: 5 (A - 1)

Finalized Date: 28-JUL-200

Account: LAIEX

Project: Keremeos Silver

## CERTIFICATE OF ANALYSIS VA08088673

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21
		U	V	W	Zn	Au
		ppm 10	ppm 1	ppm 10	ppm 2	ppm 0.001
RIDGE GRID L200W+100S		<10	240	<10	98	0.003
RIDGE GRID L200W+125S		<10	248	<10	84	0.007
RIDGE GRID L200W+150S		<10	256	<10	85	0.004
RIDGE GRID L200W+175S		<10	311	<10	119	0.021
RIDGE GRID L200W+200S		<10	246	<10	128	0.006
RIDGE GRID L200W+225S		<10	190	<10	130	0.003
RIDGE GRID L200W+250S		<10	204	<10	131	0.023
RIDGE GRID L200W+275S		<10	236	<10	133	0.021
RIDGE GRID L200W+300S		<10	263	<10	92	0.005
RIDGE GRID L200W+25N		<10	393	50	120	1.475
RIDGE GRID L200W+50N		<10	233	50	375	1.375
RIDGE GRID L200W+75N		<10	341	20	183	0.374
RIDGE GRID L200W+100N		<10	264	10	136	0.011
RIDGE GRID L200W+125N		<10	234	<10	90	0.015
RIDGE GRID L200W+150N		<10	198	<10	107	0.036
RIDGE GRID L200W+175N		<10	177	<10	108	0.006
RIDGE GRID L200W+200N		<10	182	<10	83	0.012



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## CERTIFICATE VA08130426

Project: KEREMEOS

P.O. No.: KEREMEOS Ridge Grid 2008-2

This report is for 21 Soil samples submitted to our lab in Vancouver, BC, Canada on 12-SEP-2008.

The following have access to data associated with this certificate:

JAMES LAIRD

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: LAIRD EXPLORATION LTD.

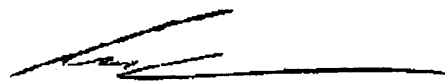
ATTN: JAMES LAIRD

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manage





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Total # of Tests: 2 (A - C)  
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Account: LAIEXI

Project: KEREMEOS

## CERTIFICATE OF ANALYSIS VA08130426

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
L150W+12.5N		0.64	0.005	0.5	7.04	18	770	1.9	<2	4.00	<0.5	21	58	99	6.44	20
L150W+25N		0.84	0.005	<0.5	7.73	21	700	3.0	<2	4.94	<0.5	23	27	140	7.86	20
L150W+37.5N		0.74	0.012	<0.5	6.58	12	870	1.4	<2	3.88	<0.5	21	94	59	6.88	20
L150W+50N		0.64	0.005	<0.5	6.37	19	890	1.3	<2	3.79	<0.5	22	97	53	6.61	20
L150W+62.5N		0.80	0.006	<0.5	6.06	24	840	1.0	<2	4.64	<0.5	26	128	65	8.55	20
L150W+75N		0.58	0.004	<0.5	6.42	22	850	1.2	<2	3.55	<0.5	21	103	58	6.45	20
L150W+87.5N		0.58	0.019	<0.5	6.58	21	840	1.6	<2	3.17	0.9	19	69	77	5.44	20
L150W+100N		0.76	0.014	2.6	6.44	50	860	1.9	<2	3.77	1.2	24	77	115	6.79	20
L175W+12.5N		0.68	0.008	0.7	7.92	31	730	2.6	5	4.62	0.8	26	46	114	7.55	20
L175W+25N		0.68	0.109	3.3	7.53	66	640	3.0	<2	4.24	0.9	27	39	172	7.45	20
L175W+37.5N		0.74	0.035	1.3	7.34	61	590	3.3	4	5.13	1.8	29	24	217	8.40	20
L175W+50N		0.70	0.396	26.3	7.05	67	590	2.9	3	5.36	2.0	31	31	309	8.73	20
L200W+12.5N		0.56	0.008	<0.5	7.54	92	670	2.7	4	5.36	<0.5	33	50	215	8.61	20
L200W+25N		0.66	1.875	70.9	8.18	4400	790	4.7	2	1.81	2.2	29	28	515	8.54	30
L200W+37.5N		0.74	0.248	8.2	7.81	522	670	3.2	<2	4.59	0.6	26	41	179	8.29	20
L200W+50N		0.60	1.355	64.5	7.22	4570	620	2.8	4	3.15	4.1	20	19	269	7.22	20
L200W+62.5N		0.66	0.097	7.3	5.92	247	440	2.2	6	8.73	0.8	34	24	195	7.50	20
L200W+75N		0.62	0.190	13.2	7.36	814	460	3.4	2	4.71	0.5	33	8	299	9.69	30
BL0+150W		0.58	0.006	<0.5	6.63	27	700	2.2	<2	5.03	<0.5	30	62	205	8.06	20
BL0+175W		0.70	0.019	<0.5	6.78	24	620	2.5	5	4.84	<0.5	29	43	143	8.06	20
BL0+200W		0.66	0.019	1.0	7.77	79	630	2.9	4	4.55	0.7	28	41	150	7.90	20



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Finalized Date: 7-OCT-200

Account: LAIEXI

Project: KEREMEOS

## CERTIFICATE OF ANALYSIS VA08130426

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	20	0.01	
L150W+12.5N		1.88	20	1.84	1440	1	1.73	26	1050	14	0.01	<5	21	625	<20	0.61
L150W+25N		3.10	40	1.98	1855	1	1.82	16	2050	16	0.01	<5	23	887	<20	0.66
L150W+37.5N		1.65	20	2.09	1370	1	1.74	44	760	11	0.01	5	24	553	<20	0.63
L150W+50N		1.47	20	1.97	1430	1	1.71	45	790	12	0.02	<5	23	520	<20	0.60
L150W+62.5N		1.22	20	2.45	1510	1	1.68	57	1350	6	0.02	<5	27	533	<20	0.69
L150W+75N		1.37	20	1.87	1355	1	1.63	49	1130	12	0.03	<5	21	478	<20	0.57
L150W+87.5N		1.64	20	1.61	1725	2	1.58	33	1110	28	0.03	<5	19	479	<20	0.52
L150W+100N		1.96	30	1.96	1950	1	1.52	37	1970	28	0.03	<5	22	638	<20	0.61
L175W+12.5N		1.98	40	2.10	1830	<1	1.81	24	1190	41	0.02	<5	25	732	<20	0.68
L175W+25N		2.18	40	2.06	1855	<1	1.67	22	1350	71	0.02	<5	25	775	<20	0.65
L175W+37.5N		2.00	50	2.23	2100	<1	1.65	14	2550	60	0.02	<5	26	994	<20	0.70
L175W+50N		2.09	50	2.21	2150	1	1.61	18	2670	267	0.01	21	26	794	<20	0.70
L200W+12.5N		1.80	40	2.49	2150	<1	1.71	30	1920	21	0.02	<5	29	798	<20	0.74
L200W+25N		1.89	60	1.17	1310	7	0.50	18	4380	50	0.02	16	26	665	<20	0.71
L200W+37.5N		2.11	40	1.97	1745	1	1.65	20	1530	77	0.02	<5	25	900	<20	0.69
L200W+50N		2.44	40	1.14	1035	2	0.88	11	2150	118	0.05	32	20	799	<20	0.59
L200W+62.5N		1.67	40	1.98	2370	2	1.47	14	3440	21	0.04	5	24	621	<20	0.58
L200W+75N		1.94	60	2.42	2170	1	1.57	7	4090	21	0.01	5	28	681	<20	0.77
BL0+150W		1.59	40	2.44	1585	<1	1.63	34	2230	10	0.02	<5	27	749	<20	0.70
BL0+175W		1.78	40	2.24	2120	<1	1.64	23	1620	20	0.02	<5	26	700	<20	0.71
BL0+200W		1.98	40	2.07	2100	1	1.71	23	1520	25	0.02	<5	25	767	<20	0.68



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## CERTIFICATE OF ANALYSIS VA08130426

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
L150W+12.5N		<10	<10	229	<10	133
L150W+25N		<10	<10	293	<10	140
L150W+37.5N		<10	<10	249	<10	88
L150W+50N		<10	<10	232	<10	88
L150W+62.5N		<10	<10	310	<10	75
L150W+75N		<10	<10	222	<10	91
L150W+87.5N		<10	<10	180	10	152
L150W+100N		<10	<10	230	10	166
L175W+12.5N		<10	<10	264	<10	205
L175W+25N		<10	<10	269	<10	231
L175W+37.5N		<10	<10	311	<10	399
L175W+50N		<10	<10	322	10	252
L200W+12.5N		<10	<10	313	<10	197
L200W+25N		<10	<10	433	60	212
L200W+37.5N		<10	<10	327	10	220
L200W+50N		<10	<10	261	40	350
L200W+62.5N		<10	<10	306	10	152
L200W+75N		<10	<10	382	10	202
BL0+150W		<10	<10	307	<10	133
BL0+175W		<10	<10	289	<10	156
BL0+200W		<10	<10	285	<10	192



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## CERTIFICATE VA08130427

Project: KEREMEOS

P.O. No.: KEREMEOS Ridge Grid 2008-2

This report is for 2 Rock samples submitted to our lab in Vancouver, BC, Canada on 12-SEP-2008.

The following have access to data associated with this certificate:

JAMES LAIRD

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

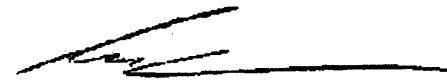
## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager





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Project: KEREMEOS

## CERTIFICATE OF ANALYSIS VA08130427

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP22	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.02	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
KRGR-1		0.50	4.12	>100	1.11	90	190	<0.5	<2	0.09	16.7	7	22	1855	1.34	<10
KRGR-2		1.22	0.037	7.5	9.58	7	900	2.0	<2	1.21	<0.5	3	6	29	1.11	10



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**CERTIFICATE OF ANALYSIS VA08130427**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OG62
		Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Ag ppm 1
KRGR-1		<10	<10	35	10	1640	356
KRGR-2		<10	<10	49	<10	39	

**APPENDIX B****ANALYTICAL METHODOLOGY**



**Geochemical Procedure - ME-ICP41  
Trace Level Methods Using Conventional ICP-AES Analysis**

**Sample Decomposition:** Nitric Aqua Regia Digestion (GEO-AR01)  
**Analytical Method:** Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)

A prepared sample is digested with aqua regia for in a graphite heating block. After cooling, the resulting solution is diluted to 12.5 mL with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. The analytical results are corrected for inter-element spectral interferences.

**NOTE:** In the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte.

Element	Symbol	Units	Lower Limit	Upper Limit	Default Overlimit Method
Silver	Ag	ppm	0.2	100	Ag-OG46
Aluminum	Al	%	0.01	25	
Arsenic	As	ppm	2	10000	
Boron	B	ppm	10	10000	
Barium	Ba	ppm	10	10000	
Beryllium	Be	ppm	0.5	1000	
Bismuth	Bi	ppm	2	10000	
Calcium	Ca	%	0.01	25	
Cadmium	Cd	ppm	0.5	1000	
Cobalt	Co	ppm	1	10000	
Chromium	Cr	ppm	1	10000	
Copper	Cu	ppm	1	10000	Cu-OG46
Iron	Fe	%	0.01	50	





Element	Symbol	Units	Lower Limit	Upper Limit	Default Overlimit Method
Gallium	Ga	ppm	10	10000	
Mercury	Hg	ppm	1	10000	
Potassium	K	%	0.01	10	
Lanthanum	La	ppm	10	10000	
Magnesium	Mg	%	0.01	25	
Manganese	Mn	ppm	5	50000	
Molybdenum	Mo	ppm	1	10000	
Sodium	Na	%	0.01	10	
Nickel	Ni	ppm	1	10000	
Phosphorus	P	ppm	10	10000	
Lead	Pb	ppm	2	10000	Pb-OG46
Sulfur	S	%	0.01	10	
Antimony	Sb	ppm	2	10000	
Scandium	Sc	ppm	1	10000	
Strontium	Sr	ppm	1	10000	
Thorium	Th	ppm	20	10000	
Titanium	Ti	%	0.01	10	
Thallium	Tl	ppm	10	10000	
Uranium	U	ppm	10	10000	
Vanadium	V	ppm	1	10000	
Tungsten	W	ppm	10	10000	
Zinc	Zn	ppm	2	10000	Zn-OG46



Elements listed below are available upon request

Element	Symbol	Units	Lower Limit	Upper Limit	Default Overlimit Method
Cerium	Ce	ppm	10	10000	
Hafnium	Hf	ppm	10	10000	
Indium	In	ppm	10	10000	
Lithium	Li	ppm	10	10000	
Niobium	Nb	ppm	10	10000	
Rubidium	Rb	ppm	10	10000	
Selenium	Se	ppm	10	10000	
Silicon	Si	ppm	10	10000	
Tin	Sn	ppm	10	10000	
Tantalum	Ta	ppm	10	10000	
Tellurium	Te	ppm	10	10000	
Yttrium	Y	ppm	10	10000	
Zirconium	Zr	ppm	5	10000	