

**2013 Geochemical Reconnaissance Report**  
**on the R.P. Property**

Dawson Mining District, Yukon Territory  
NTS Map Sheets 115N 08 and 115O 05, RP Group HD03322  
UTM NAD 83 Zone 7N: 547000E/7026200N

Date of work performed: October 2 to October 7, 2013

Prepared by: Jean-Pierre Londero

Prepared for: Kinross Gold Corporation  
700 W. Pender Street, Suite 410  
Vancouver, BC, V6C 1G8

Date of Report: May 22, 2014.

## **Summary**

The metamorphic rock package mapped at the RP claim block is similar in composition to the rocks which host the nearby Golden Saddle deposit. The RP claims were staked in 2009 by Underworld Resources because of this lithologic similarity. Underworld is not known to have conducted any exploration activities at RP beyond a limited soil sampling program. Subsequent to acquiring Underworld, Kinross conducted an airborne magnetic and radiometric survey, a stream sediment sampling and prospecting, ridge-and-spur soil sampling since the acquisition of the project in 2010. This report summarizes the soil sampling program performed by Ground Truth Exploration on the behalf of Selene Holdings L.P. in 2012.

In spite of the lithologic similarities between RP and Golden Saddle, no significant gold mineralization has thus far been demonstrated to occur at RP. Soil sampling along the spaced lines has failed to identify any interesting or prospective zones. Although RP is present geological similarity to Golden Saddle, the RP claim block appears to lack the intersecting fault sets that are believed to be critical for gold mineralization at Golden Saddle.

## Table of Contents

Summary .....	2
List of Figures .....	3
1.0 Introduction .....	4
1.1 Location, Access, and Physiography.....	4
1.2 Property .....	6
1.3 Historical Work.....	6
2.0 2012 Soil Geochemistry Survey. ....	9
3.0 Geochemistry.....	10
3.1 Soil Sample Geochemistry.....	10
4.0 Summary of Results and Conclusions.....	12
5.0 References .....	12
6.0 Statement of qualifications. ....	13
7.0 Appendix:.....	14
7.1 Appendix 1: Claim map. ....	14
7.2 Appendix 2: List of claims. ....	14
7.3 Appendix 3: Location map, soil sample. ....	14
7.4 Appendix 4: Soil samples coordinate and description.....	14
7.5 Appendix 5: Assays certificate, soil samples.....	14
7.6 Appendix 6: Statement of expenditure. ....	14
7.7 Appendix 7: Thematic maps for Au.....	14
7.8 Appendix 8: Digital copy.....	14

## List of Figures

Figure 1. Location map, RP claim block.....	5
Figure 2: Claim Map .....	6
Figure 3: Geology of the RP Area, from Ryan and Gordey, 2005.. ....	8
Figure 4; Sample location map .....	9
Figure 5; Thematic map, Au ppb results .....	11

## **1.0 Introduction**

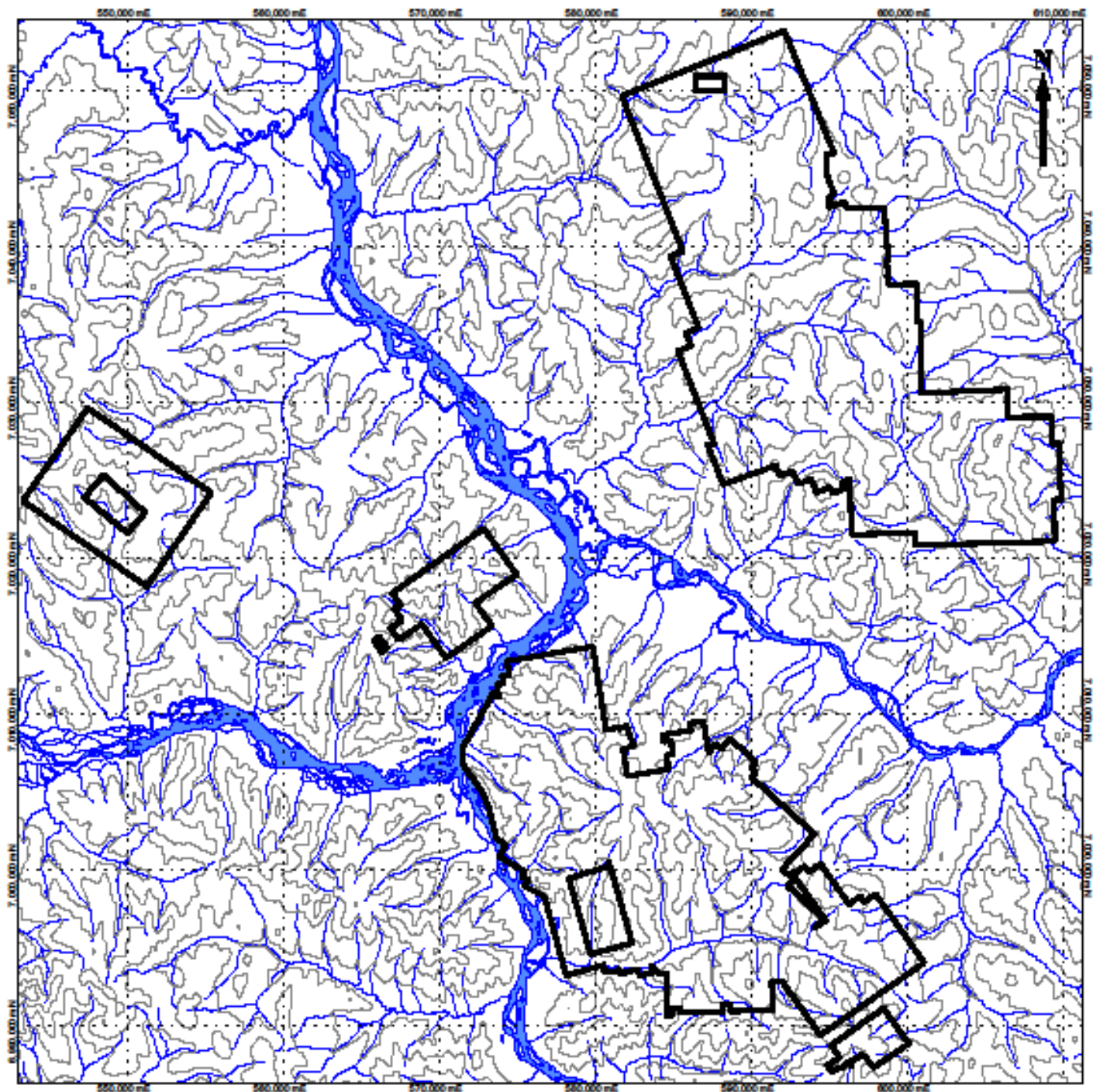
This report summarizes the soil geochemistry survey conducted in 2013 by Ground Truth Exploration on the behalf of Selene Holdings L.P. on the RP claim block in the Dawson Mining District, Yukon Territory. The 2013 program was intended as reconnaissance to evaluate the potential of this claim block to host Golden Saddle-style mineralization. Golden Saddle is a nearby structurally-controlled gold deposit hosted in a faulted package of metamorphic rocks. The RP claim block contains similar metamorphic rocks to those at Golden Saddle, and was thus considered a prospective area for gold mineralization. Field work in 2013 included a soil geochem survey over the majority of the claim block.

### **1.1 Location, Access, and Physiography**

The RP claim block is located at the headwaters of Eighteen Mile and Twenty Mile Creeks. The claims are located approximately 40 km northwest from the Green Gulch camp on Thistle Creek, and approximately 75 km southwest of Dawson City.

During the 2013 season the RP project was accessible by helicopter. The ridges on the property generally have suitable landing sites, while the lower spurs, slopes and valleys have fewer suitable landing sites. Helicopter landing zones were cleared at a few sites in stream valleys to facilitate access.

The RP claim block consists of a series of ridges that form a horseshoe shape, open to the south. Ridge tops generally have sparse but continuous outcropping rock, while lower hills and slopes are thickly covered by trees, with limited rock exposure. The highest ridges, located in the northern part of the property, have large exposures of felsenmeer and outcropping rock. Much of the property appears to have been burned by a forest fire in the last five to ten years. Throughout the property, there is a significant difference in soil development and vegetation between the north- and south-facing slopes. North-facing slopes typically have poorly developed soil horizons and more extensive zones of near-surface permafrost.



Scale 1:350,000  
0 2 4  
kilometers

## 1.2 Property

The RP claim block consists of 336 mineral claims covering an area of ~64 km<sup>2</sup>. The claim block forms a rectangular donut shape; 7.3 by 9.6 kilometres wide, with a 1.9 by 3.5 kilometre hole in the center. Details of individual claims are presented as a table in Appendix 2.

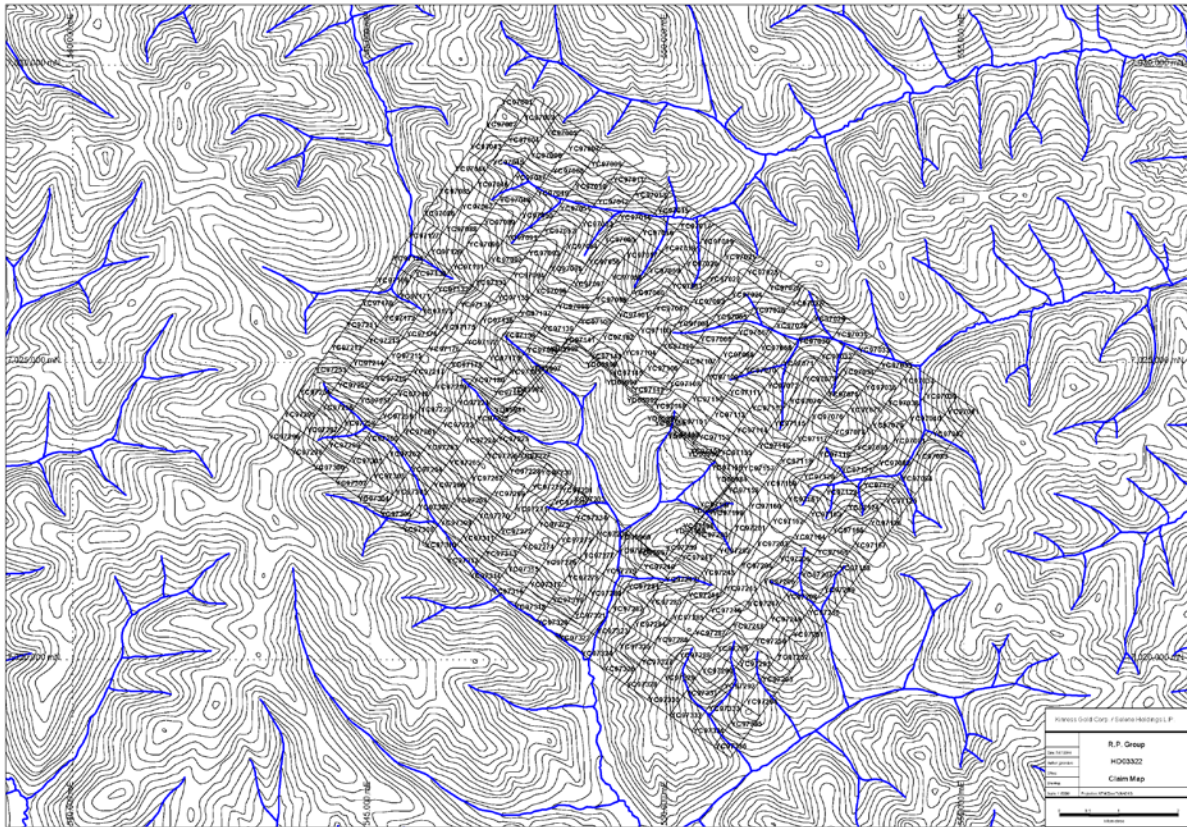


Figure 2: Claim Map

## 1.3 Historical Work

The geology of the RP area was mapped by the Geological Survey of Canada as part of the Stewart River map area (Ryan and Gordey, 2005). This mapping describes the RP claims as comprising Devonian to Mississippian quartz-mica schist, amphibolite, and orthogneiss overlain by Cretaceous volcanic and Tertiary intrusive rocks (Figure 3). Most of the lithologic contacts at RP were mapped as approximate or assumed by the Geologic Survey of Canada mapping.

No recent exploration is known to have occurred on the RP claims prior to 2008. In 2008, soil samplers working for Shawn Ryan collected ridge-and-spur soil samples on the

central ridge of the property. This initial sampling resulted in a few weakly anomalous gold-in-soil samples. The RP claims were staked by Underworld in 2009 because of their proximity to the White claims and the similarity of mapped rock units to those at White. No further work by Underworld is known to have occurred on the property.

Airborne magnetic and radiometric surveys were flown over the RP claim block as part of Kinross' 2010 airborne survey. The survey was flown by helicopter with 75 meter line spacing over the entire RP claim block. The most prominent feature from this survey is a series of magnetic lineations trending NNW across the property. These linear features are interpreted to be faults. The magnetic survey also highlights the fabric of different rock units on the property.

A stream geochemistry survey and prospecting was carried out in 2011 by Kinross Gold. In spite of the lithologic similarities between RP and Golden Saddle, no significant gold mineralization has thus far been demonstrated to occur at RP. Prospecting, rock chip sampling, and soil sampling along the ridgelines of the property has failed to identify any interesting or prospective zones.

In 2012 a ridge-and-spur soil geochemistry survey was carried out by Selene Holdings L.P. on the entire property. The results of the survey has outlined weak gold in soil anomalies: only 6 samples returned values above 10 ppb Au.

Much of Twenty Mile Creek north of the RP claims is staked for placer mining. Eighteen Mile creek is not known to have any history of placer mining operations. No evidence of recent placer mining activity in the vicinity of RP was observed during 2013.

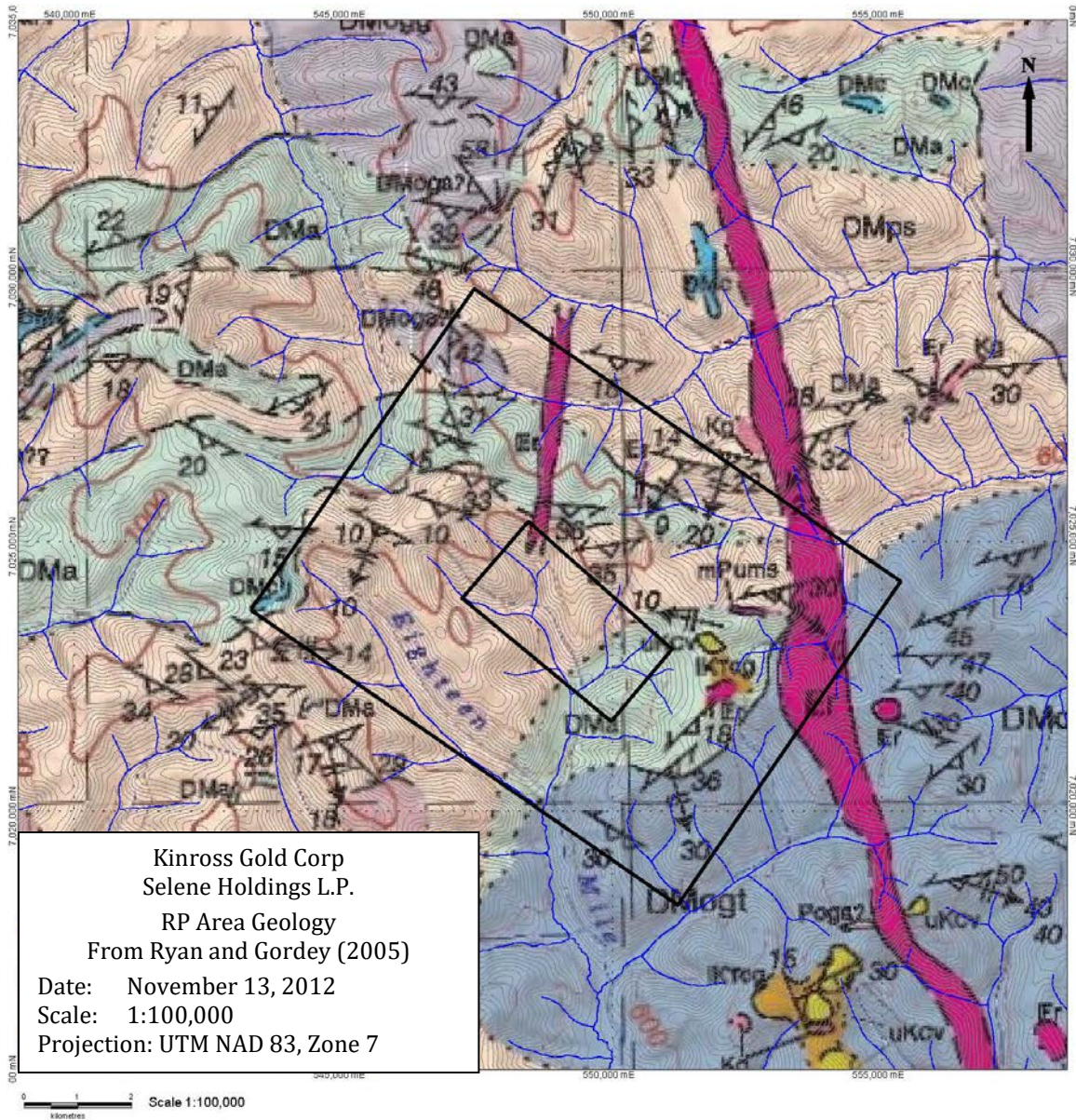
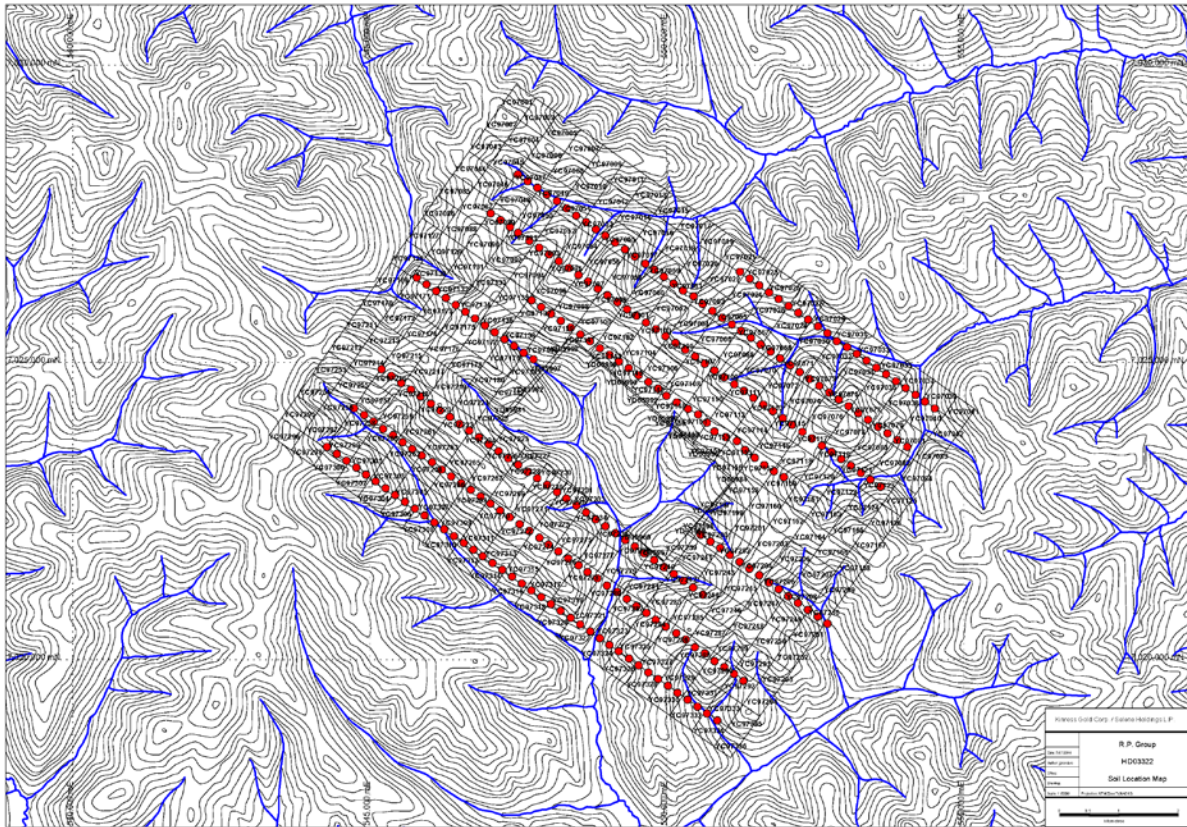


Figure 3: Geology of the RP Area, from Ryan and Gordey, 2005. Blue DMogt = Devonian/Mississippian orthogneiss; Green DMA = Devonian/Mississippian amphibolite; Light pink Dps = Devonian/Mississippian quartz mica schist; Green uKCV = Cretaceous Carmacks volcanics; Green IKTcg = Cretaceous conglomerate; Purple Er = Eocene rhyolite porphyry dike.



## 2.0 2013 Soil Geochemistry Survey.

The 2013 program at RP was intended as reconnaissance exploration survey to evaluate the potential of this claim block to host Golden Saddle-style mineralization. Field work in the 2013 program consisted of fifteen days of soil geochemistry totalling 15 man days. In total, 362 soil samples were collected (Figure 4).



**Figure 4; Sample location map**

The soil sampling program was conducted by Ground Truth Exploration by trained technicians. The survey was carried out on a 800 meters line spacing and samples collected every 200 meters. Auger style soil sampling was conducted using a 1.25 m “Dutch Auger”. Sampling targeted the C Horizon, which consists of rock fragments ideally from the underlying bedrock. Due to terrain, vegetation, and/or soil consistency at some locations, it was not always possible to obtain a sample from the C Horizon. Sample depths ranged from 30 cm to 60cm and had an average of about 40 cm. Soil material was placed into labelled Kraft paper envelopes. At each soil sample location, the sampler ID, location, date, soil colour and sample depth were recorded.

Locations of all samples were determined by a GPS. Coordinates of the samples were input directly to a spreadsheet containing the details of the sample location. At the end of the survey, a spreadsheet containing all soil sample information was imported into the soil master database.

The soil samples were delivered to Acme's preparatory lab in Dawson City, Yukon. The samples were checked in and then placed in an oven at 60°C until dry. After drying, the sample was sieved using a -80 mesh to procure a 100 g sample. A 15g split of this 100g sample was used for analysis. 37 elements were analysed using the 1DX15 analytical package. Samples were digested using a hot, 95°C, Aqua Regia digestion process before being analyzed by via ICPMS.

All final analyses were received through e-mail or via the Acme Labs website. Signed certificates were delivered in an Adobe PDF format.

### **3.0 Geochemistry**

#### **3.1 Soil Sample Geochemistry**

276 soil samples were collected over a period of 3 days, totalling 15 man days.

Gold assay results from these samples returned a range of values from 0 to 22.3 ppb Au, with only six samples greater than 10 ppb. One sample, CAG196584, returned a highly anomalous value of 22.3 ppb Au.

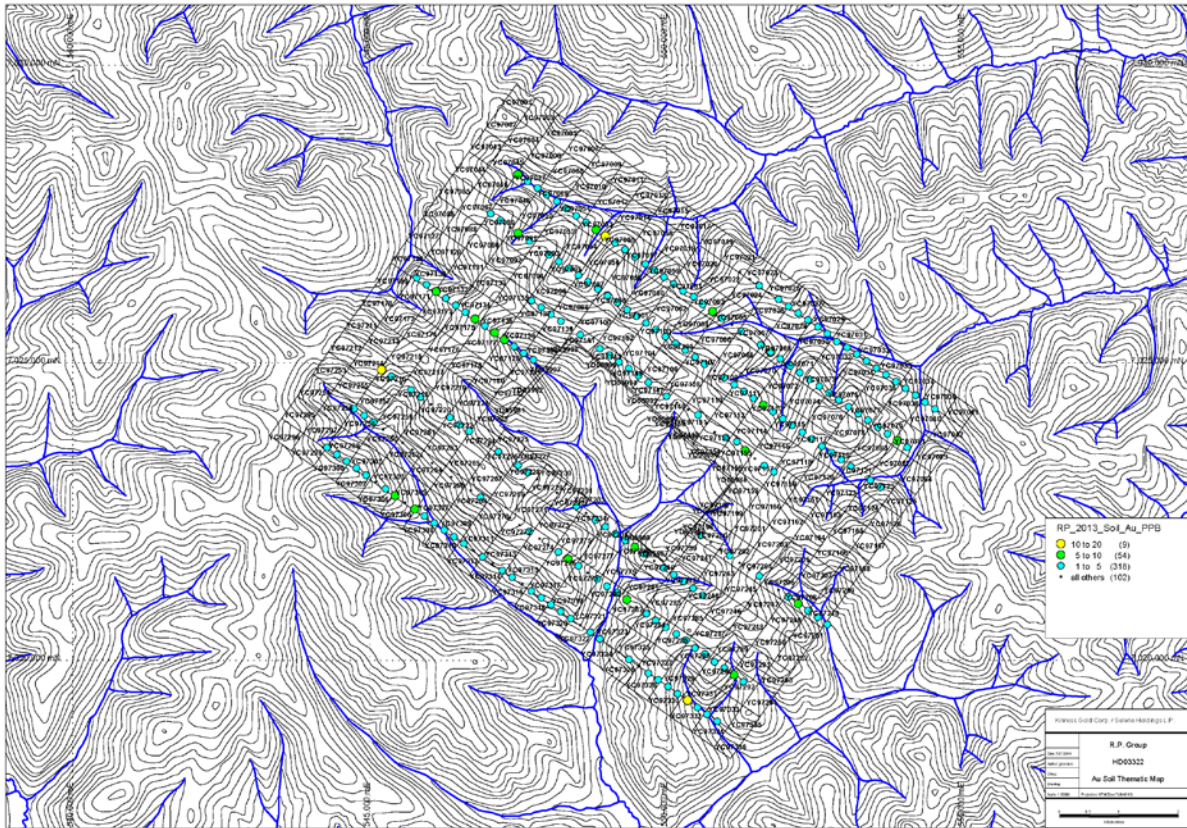


Figure 5; Thematic map, Au ppb results

Weak to moderate correlation with Au and pathfinder element, Ag, As, Cu, Mo, Pb, Sb and Zn, is present, and characterized the same pathfinder anomalies encountered at the White Gold Project – Golden Saddle Deposit.

	<i>Au_ppb</i>	<i>Ag_ppm</i>	<i>As_ppm</i>	<i>Cu_ppm</i>	<i>Mo_ppm</i>	<i>Pb_ppm</i>	<i>Sb_ppm</i>	<i>Zn_ppm</i>
Au	1							
Ag	0.121025	1						
As	0.239311	0.17212	1					
Cu	0.085595	0.152145	0.008297	1				
Mo	0.082057	0.317269	0.439212	-0.05556	1			
Pb	0.076099	0.419576	0.055141	-0.17567	0.229479	1		
Sb	0.331259	0.140002	0.552489	-0.00446	0.20619	0.081808	1	
Zn	0.002784	0.11856	0.030263	0.302546	0.145656	0.16507	-0.0767	1

## **4.0 Summary of Results and Conclusions**

No significant occurrences of gold mineralization were identified at the RP claim block in 2013. Only six samples returned gold values over 10 ppb with the highest values of 20.3 ppb Au from sample CAG196584. No robust gold anomalies or pathfinder anomalies were outlined during the 2013 survey.

Nevertheless, the geologic map of the claim block could be improved with additional time spent mapping and prospecting. This additional mapping would help confirm the mapped distribution of rock types and constrain lithologic contacts. This exercise will improve the geological understanding of the metamorphic rock package in the area, and will guide our future exploration on the project. A follow up soil geochem survey should be carried out on a closed spacing grid to better identify the source of the anomalies which could vector toward a discovery.

## **5.0 References**

Ryan, J.J., and Gordey, S.P., 2005, Geology, Stewart River Area (115N, 115O and part of 115 J), Yukon Territory, Geological Survey of Canada, Open File 4970, scale 1:250,000.

Paulsen, H.K., Gibson, J., Fleming, A., and King, N., Technical Report on the White Gold Property, Dawson Range, Yukon, for Underworld Resources, February 19, 2010.

Bailey, L., 2011 Geological and Geochemical Reconnaissance Report on the RP Claim Block, Dawson Range, Yukon for Kinross Gold Corp. February 13, 2012.

## **6.0 Statement of qualifications.**

I, Jean-Pierre Londero, hereby certify that:

- I am a professional geologist. I worked on the abovementioned project for Selene Holdings L.P. in 2012.
- I have worked in gold exploration of the last 29 years.
- I am a graduate of the University du Quebec, Canada, with a degree in geology (M.Sc 1983).

Dated this 28 of September in Vancouver, BC

Respectfully submitted

Jean-Pierre Londero

## **7.0 Appendix:**

7.1 Appendix 1: Claim map.

7.2 Appendix 2: List of claims.

7.3 Appendix 3: Location map, soil sample.

7.4 Appendix 4: Soil samples coordinate and description.

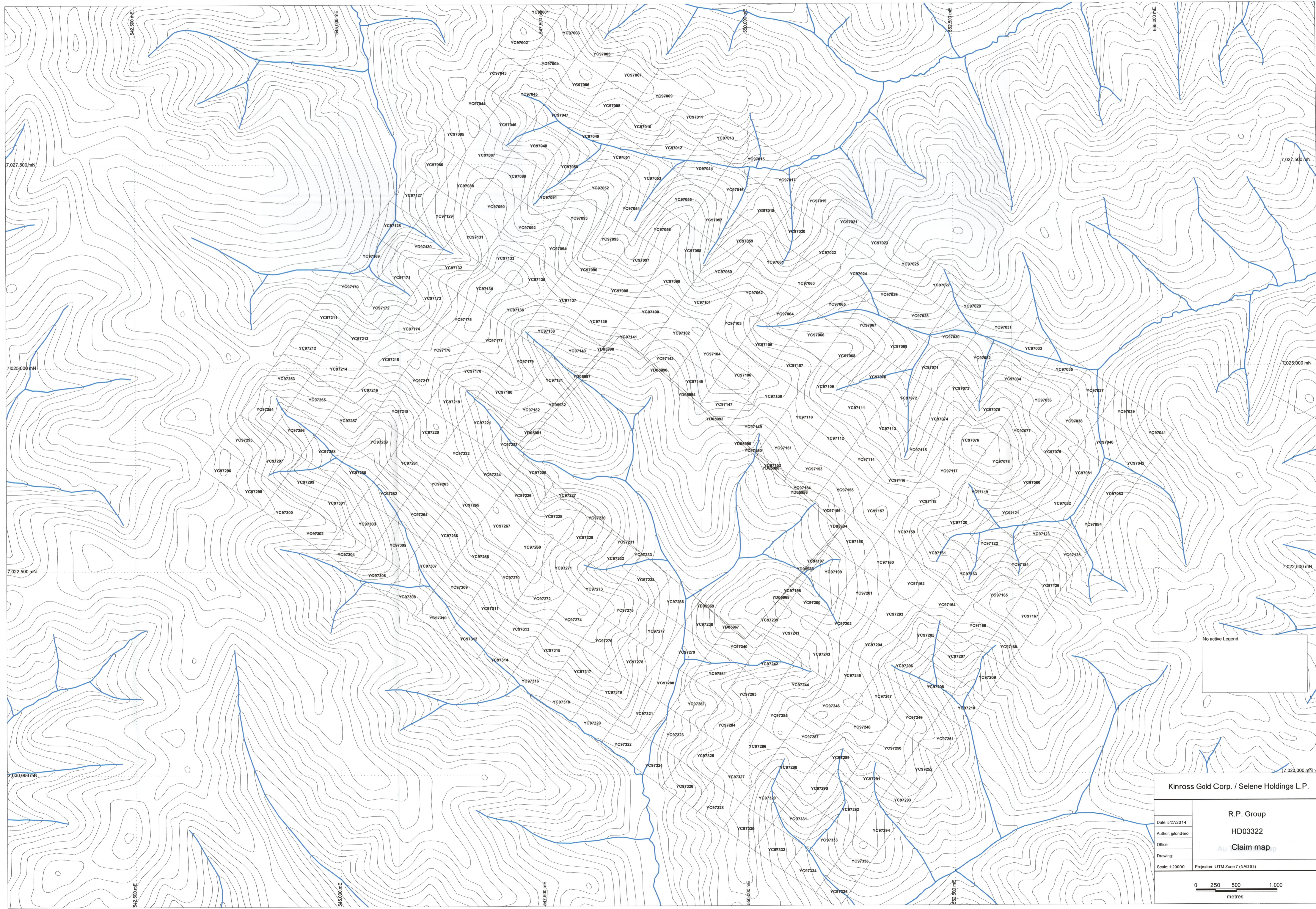
7.5 Appendix 5: Assays certificate, soil samples.

7.6 Appendix 6: Statement of expenditure.

7.7 Appendix 7: Thematic maps for Au.

7.8 Appendix 8: Digital copy.

## Appendix 1: Claim Map



No active Legend.

Kinross Gold Corp. / Selene Holdings L.P.	
R.P. Group	
HD03322	
Au Claim map	
Date: 5/27/2014	Office: jplondero
Author: jplondero	Drawing:
Scale: 1:20000	Projection: UTM Zone 7 (NAD 83)
0 250 500 1,000 metres	



## Appendix 2: List of Claims



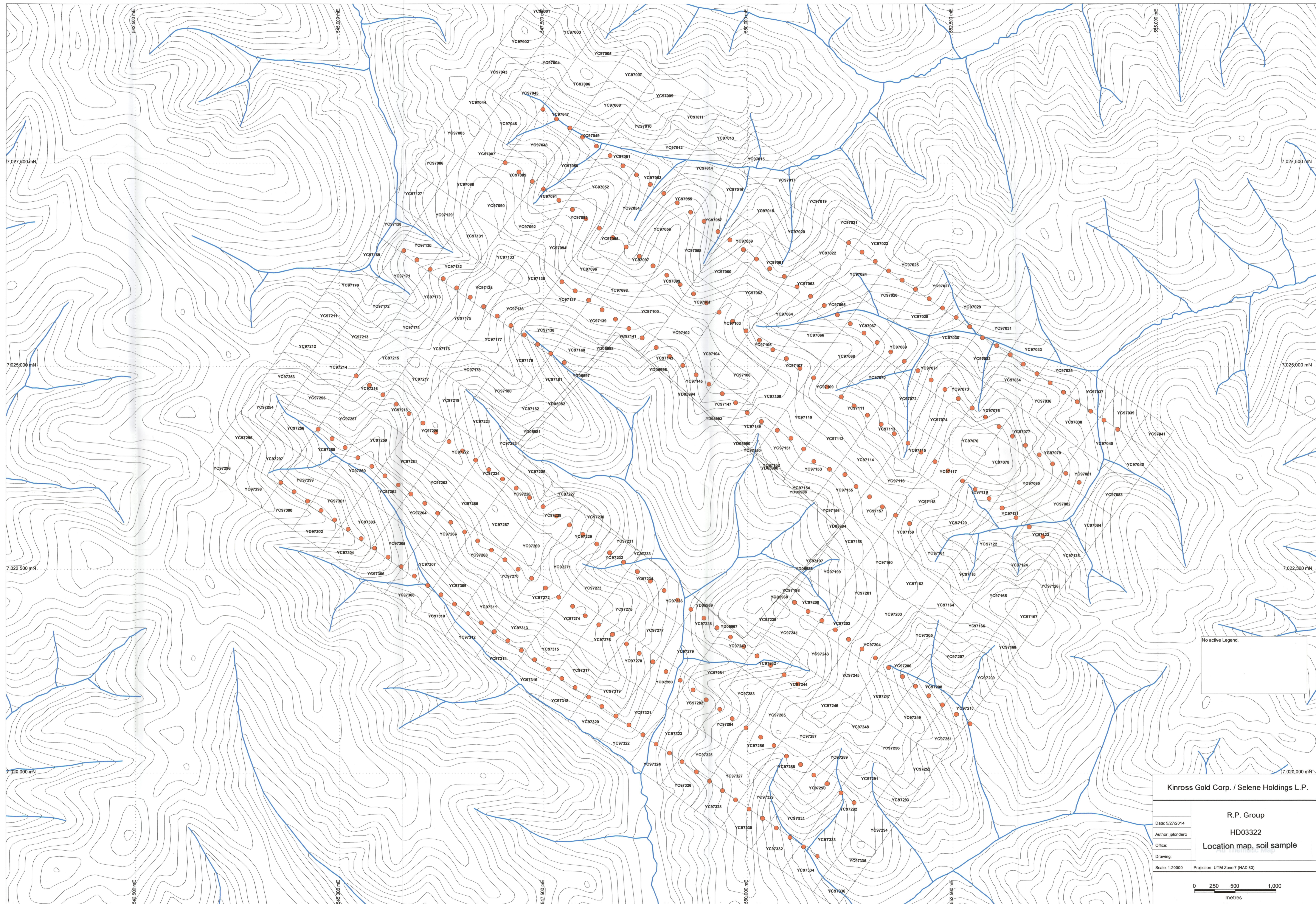








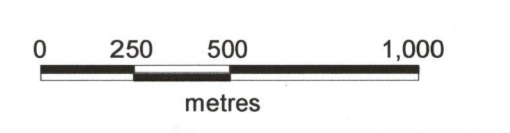
## Appendix 3: Location Map. Soil Samples



Kinross Gold Corp. / Selene Holdings L.P.

R.P. Group  
HD03322  
Location map, soil sample

Date: 5/27/2014  
Author: jplondero  
Office:  
Drawing:  
Scale: 1:20000  
Projection: UTM Zone 7 (NAD 83)





## Appendix 4: Soil Samples – Location and Description

See Data Folder for Appendix 4 files

## Appendix 5: Assay Certificates



www.acmelab.com

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

Client: **Kinross Gold Corp.**  
5370 Kietzke Lane.  
Reno NV 89511 USA

Submitted By: Dave Emmons  
Receiving Lab: Canada-Whitehorse  
Received: October 11, 2013  
Report Date: November 04, 2013  
Page: 1 of 11

## CERTIFICATE OF ANALYSIS

WHI13000516.1

### CLIENT JOB INFORMATION

Project: RP  
Shipment ID: RPSOIL13-001  
P.O. Number  
Number of Samples: 281

### SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage  
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

Invoice To: Kinross Gold Corp.  
5370 Kietzke Lane.  
Reno NV 89511  
USA

CC:

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	281	Dry at 60C			WHI
SS80	276	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	276	Saving all or part of Soil Reject			WHI
1DX2	280	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

### ADDITIONAL COMMENTS



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

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1393422	Soil		1.1	16.9	18.7	65	0.2	13.7	6.9	236	2.51	5.1	0.9	4.3	6.5	36	0.2	0.3	0.1	49	0.21	0.017
1393420	Soil		0.8	26.3	10.5	54	<0.1	21.5	8.8	288	2.73	7.3	1.1	3.4	5.2	32	<0.1	0.4	0.2	58	0.47	0.048
1393408	Soil		1.9	55.9	8.1	148	<0.1	54.8	17.3	871	3.56	5.7	0.7	1.2	3.0	29	0.2	0.2	0.1	88	0.35	0.043
1393405	Soil		0.9	29.8	18.7	90	<0.1	30.7	11.8	364	4.52	14.5	0.9	<0.5	12.7	9	<0.1	0.4	0.2	65	0.11	0.021
1393406	Soil		0.9	26.6	24.7	71	0.2	29.5	13.3	757	2.95	7.9	0.7	1.7	3.9	29	0.3	0.4	0.3	65	0.37	0.025
1393401	Rock Pulp		1.3	417.0	21.2	150	0.2	196.8	72.4	749	14.76	3.1	1.2	31.9	6.9	14	<0.1	0.4	0.2	204	0.27	0.041
1393410	Soil		0.8	33.9	8.2	63	<0.1	27.7	10.6	432	2.55	8.4	0.5	3.6	3.3	50	0.2	0.6	0.1	54	1.23	0.070
1393403	Soil		0.5	30.4	5.7	33	<0.1	87.3	16.5	230	2.57	12.2	0.3	<0.5	1.9	23	<0.1	0.1	<0.1	54	0.72	0.209
1393412	Soil		0.9	18.6	8.1	56	0.1	17.7	8.8	284	2.55	7.4	0.8	2.4	2.9	25	0.1	0.5	0.1	54	0.39	0.056
1393421	Soil		1.1	27.6	15.7	63	0.1	23.3	9.8	280	2.64	6.8	2.7	2.8	6.1	36	0.4	0.4	0.2	52	0.51	0.045
1393402	Soil		2.1	24.7	3.2	54	<0.1	162.8	32.2	301	4.76	12.1	0.3	<0.5	1.4	32	<0.1	0.2	<0.1	103	1.28	0.336
1393407	Soil		0.9	22.1	9.7	67	0.1	27.6	11.6	231	3.63	7.1	0.5	1.4	3.7	14	<0.1	0.3	0.1	61	0.14	0.022
1393419	Soil		1.4	36.2	27.6	81	0.3	27.0	13.4	508	2.92	7.3	2.0	2.3	6.4	32	0.3	0.4	0.3	58	0.43	0.051
1393411	Soil		2.1	64.8	29.7	149	0.3	56.0	12.8	331	3.66	9.2	1.8	3.2	6.8	66	0.4	0.4	0.3	108	0.71	0.041
1393404	Soil		0.5	68.6	4.2	74	<0.1	178.5	31.4	558	4.95	14.8	0.4	1.1	1.9	38	0.3	0.2	<0.1	134	1.25	0.335
1393409	Soil		1.8	50.3	9.5	109	0.4	52.9	11.9	408	2.96	10.8	1.4	2.0	3.0	44	0.6	0.4	0.1	73	0.92	0.093
1393417	Soil		1.0	11.7	28.9	77	<0.1	12.1	4.2	168	1.70	4.4	2.7	2.9	5.1	13	0.2	0.2	0.8	39	0.14	0.034
1393416	Soil		1.5	15.2	53.7	121	0.3	14.5	6.6	408	2.08	4.8	11.4	2.1	8.7	34	0.3	0.2	1.0	46	0.61	0.047
1393418	Soil		1.2	12.5	26.8	55	<0.1	17.1	8.3	191	2.95	7.9	0.6	2.6	4.5	11	0.3	0.3	0.4	76	0.10	0.021
1393413	Soil		0.4	17.8	32.9	92	0.2	18.2	6.2	147	1.85	3.6	5.0	3.1	8.9	31	0.3	0.3	0.4	44	0.44	0.044
1392228	Soil		1.1	24.7	14.6	78	0.2	22.8	10.7	420	2.64	13.0	0.8	1.6	2.8	24	0.2	0.4	0.2	62	0.33	0.059
1392111	Soil		1.3	25.1	29.8	95	0.5	21.2	13.3	822	3.51	27.3	1.0	13.8	5.2	52	0.2	0.6	0.5	68	0.69	0.046
1393415	Soil		1.4	10.8	34.8	89	0.2	14.9	7.8	239	2.83	5.8	0.7	3.3	4.1	11	0.1	0.3	0.5	72	0.12	0.018
1393414	Soil		2.6	23.5	80.6	131	0.8	21.6	10.0	497	2.60	5.8	16.1	2.8	13.6	36	0.4	0.2	0.8	52	0.54	0.054
1392110	Soil		0.7	30.0	8.8	71	0.1	26.2	11.7	431	2.75	8.7	1.1	6.7	3.0	43	0.3	0.6	0.1	62	0.77	0.068
1392103	Soil		0.3	39.5	8.8	80	0.1	19.3	10.1	241	2.37	4.7	1.1	2.2	3.2	25	0.3	0.5	0.1	62	0.36	0.056
1392227	Soil		1.1	40.0	23.2	134	0.4	21.8	12.0	323	2.94	7.0	1.1	1.9	2.2	20	0.4	0.3	0.2	62	0.26	0.048
1392104	Soil		0.9	17.9	6.8	64	0.1	14.1	6.0	118	2.26	4.1	0.6	2.9	1.4	13	0.1	0.2	0.1	45	0.17	0.049
1392230	Soil		0.8	32.8	9.6	57	0.1	24.1	10.4	443	3.19	10.6	1.5	3.3	9.1	24	<0.1	0.4	0.3	54	0.24	0.026
1392102	Soil		0.7	25.2	9.0	73	<0.1	18.9	9.2	378	2.72	7.0	0.7	5.1	3.3	29	0.3	0.4	0.1	56	0.47	0.073



www.acmelab.com

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

Client: **Kinross Gold Corp.**  
 5370 Kietzke Lane.  
 Reno NV 89511 USA

Project: RP  
 Report Date: November 04, 2013

Page: 2 of 11

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
1393422	Soil	23	30	0.46	186	0.070	2	1.57	0.011	0.07	0.1	<0.01	3.6	<0.1	<0.05	5	<0.5	<0.2
1393420	Soil	15	34	0.59	271	0.095	2	1.63	0.019	0.07	0.2	0.02	5.3	<0.1	<0.05	5	0.5	<0.2
1393408	Soil	13	67	1.87	525	0.166	2	3.10	0.013	0.28	0.1	<0.01	6.5	0.2	<0.05	9	<0.5	<0.2
1393405	Soil	29	42	1.03	147	0.150	2	2.33	0.006	0.40	0.1	<0.01	4.3	0.3	<0.05	9	<0.5	<0.2
1393406	Soil	16	41	0.63	351	0.085	2	1.74	0.013	0.21	0.2	0.01	3.7	<0.1	<0.05	6	<0.5	<0.2
1393401	Rock Pulp	17	611	0.12	144	0.144	4	3.66	0.012	0.06	<0.1	0.03	37.5	<0.1	<0.05	18	0.6	<0.2
1393410	Soil	12	27	0.76	317	0.082	4	1.25	0.033	0.07	0.2	0.01	4.1	<0.1	<0.05	4	<0.5	<0.2
1393403	Soil	11	91	1.27	287	0.109	1	1.77	0.017	0.10	<0.1	<0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
1393412	Soil	12	28	0.51	250	0.066	2	1.50	0.019	0.05	0.2	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
1393421	Soil	22	34	0.57	318	0.082	2	1.56	0.018	0.06	0.1	0.04	5.2	<0.1	<0.05	5	<0.5	<0.2
1393402	Soil	9	197	2.47	539	0.198	2	2.98	0.014	0.48	<0.1	<0.01	5.1	0.3	<0.05	9	<0.5	<0.2
1393407	Soil	9	31	0.60	215	0.138	2	1.86	0.008	0.29	0.1	<0.01	2.6	0.2	<0.05	7	<0.5	<0.2
1393419	Soil	21	40	0.58	323	0.089	2	1.90	0.018	0.10	0.2	0.03	5.3	<0.1	<0.05	6	<0.5	<0.2
1393411	Soil	39	69	0.97	423	0.112	3	2.28	0.019	0.19	0.2	0.03	7.2	0.1	<0.05	8	<0.5	<0.2
1393404	Soil	11	286	2.91	983	0.173	2	3.27	0.013	0.27	<0.1	<0.01	6.2	0.2	<0.05	10	<0.5	<0.2
1393409	Soil	14	57	0.83	980	0.103	3	1.75	0.020	0.12	0.2	0.03	5.5	0.1	<0.05	5	0.6	<0.2
1393417	Soil	14	21	0.27	86	0.055	2	1.27	0.009	0.05	0.4	0.03	2.3	<0.1	<0.05	6	<0.5	<0.2
1393416	Soil	22	24	0.43	230	0.058	2	1.76	0.018	0.06	0.5	0.04	3.1	<0.1	<0.05	7	<0.5	<0.2
1393418	Soil	8	30	0.27	190	0.052	1	2.24	0.009	0.03	0.2	0.01	2.3	<0.1	<0.05	7	<0.5	<0.2
1393413	Soil	34	34	0.49	185	0.078	2	1.73	0.013	0.07	0.2	0.05	4.2	<0.1	<0.05	7	<0.5	<0.2
1392228	Soil	14	38	0.65	211	0.065	2	1.77	0.011	0.06	0.2	0.03	4.1	<0.1	<0.05	6	<0.5	<0.2
1392111	Soil	47	30	0.89	99	0.017	2	1.93	0.010	0.10	0.1	0.06	7.6	0.2	<0.05	6	<0.5	<0.2
1393415	Soil	9	28	0.34	148	0.062	<1	2.26	0.008	0.04	0.2	0.02	2.5	<0.1	<0.05	8	<0.5	<0.2
1393414	Soil	81	36	0.52	229	0.061	2	2.01	0.014	0.08	0.5	0.07	4.6	0.1	<0.05	7	<0.5	<0.2
1392110	Soil	13	29	0.62	298	0.080	3	1.45	0.028	0.07	0.2	0.02	4.7	<0.1	<0.05	4	<0.5	<0.2
1392103	Soil	16	32	0.68	255	0.085	3	1.57	0.019	0.07	0.1	0.04	5.4	<0.1	<0.05	5	<0.5	<0.2
1392227	Soil	14	55	0.81	192	0.080	2	1.88	0.009	0.06	0.1	0.07	4.3	0.1	<0.05	6	<0.5	<0.2
1392104	Soil	11	23	0.48	125	0.068	2	1.36	0.010	0.06	0.1	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
1392230	Soil	65	36	0.68	215	0.076	1	1.84	0.011	0.10	<0.1	0.03	6.2	<0.1	<0.05	6	<0.5	<0.2
1392102	Soil	15	27	0.58	242	0.077	2	1.45	0.020	0.07	0.2	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
1392108	Soil		0.5	43.1	4.7	64	<0.1	19.3	10.6	278	2.70	3.0	0.2	1.9	1.0	18	<0.1	0.1	<0.1	73	0.18	0.037
1392226	Soil		1.1	49.5	11.3	87	0.4	19.2	12.4	514	3.18	5.5	0.7	4.4	1.8	20	0.1	0.2	0.2	67	0.28	0.051
1337955	Soil		1.1	28.8	6.5	85	<0.1	12.3	8.7	279	3.08	4.3	0.4	2.7	1.3	22	<0.1	0.1	<0.1	92	0.25	0.040
1392109	Soil		0.7	29.6	9.0	56	<0.1	19.4	9.7	285	2.72	5.9	0.8	1.9	3.2	25	0.1	0.3	0.1	63	0.40	0.041
1392107	Soil		0.7	25.0	7.4	75	<0.1	12.2	6.7	167	3.02	6.6	0.5	2.1	1.1	16	<0.1	0.2	0.1	64	0.20	0.050
1392229	Soil		1.2	23.0	11.4	94	0.2	26.9	12.9	540	2.84	19.4	1.1	2.1	2.0	57	<0.1	0.3	0.2	69	0.87	0.079
1337954	Soil		1.1	8.9	9.1	58	<0.1	14.6	6.0	255	2.59	4.0	0.4	3.0	1.7	21	<0.1	0.2	0.3	45	0.27	0.052
1392101	Rock Pulp		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1392106	Soil		0.5	27.2	7.9	55	<0.1	24.4	10.3	372	2.55	8.1	0.5	3.0	3.3	39	0.1	0.5	0.2	53	0.72	0.075
1392112	Soil		0.7	17.4	7.1	40	<0.1	8.7	5.5	178	2.15	5.1	0.2	3.0	1.1	11	0.1	0.3	0.2	75	0.13	0.023
1337957	Soil		1.0	39.3	18.3	78	0.1	28.5	15.2	503	3.73	6.2	1.3	3.7	11.3	35	0.2	0.4	0.2	68	0.64	0.033
1392124	Soil		0.8	36.7	8.7	75	0.2	24.6	12.8	420	2.90	4.3	0.5	0.6	1.8	16	0.1	0.2	0.1	79	0.27	0.040
1392105	Soil		0.9	31.0	8.0	69	0.1	22.7	11.9	460	2.78	6.8	0.8	4.0	2.9	33	0.3	0.4	0.2	67	0.50	0.073
1392115	Soil		1.0	24.1	23.1	82	0.2	16.0	8.6	533	2.53	11.2	0.9	4.5	3.2	46	0.3	0.5	0.2	51	0.78	0.046
1337966	Soil		0.9	30.8	9.5	83	<0.1	25.2	16.8	478	3.46	3.2	0.9	<0.5	7.9	22	<0.1	0.2	0.1	71	0.35	0.058
1392114	Soil		0.6	38.3	11.5	86	0.2	25.0	13.2	561	2.92	9.2	1.1	2.6	3.2	39	0.3	0.5	0.1	66	0.72	0.058
1392113	Soil		0.7	46.0	12.4	87	0.1	19.8	16.9	752	4.14	16.1	0.8	4.2	3.5	25	<0.1	0.5	0.1	84	0.51	0.042
1392125	Soil		0.8	40.5	9.2	78	0.1	30.8	16.4	566	3.12	4.3	0.4	1.2	1.9	15	<0.1	0.2	0.1	90	0.25	0.043
1317867	Soil		1.1	109.4	19.0	227	0.3	27.2	14.8	359	3.53	4.9	0.6	4.0	2.3	19	0.5	0.4	0.2	93	0.29	0.042
1337963	Soil		0.6	39.8	8.6	59	0.1	25.0	11.6	358	2.51	6.5	1.1	1.6	3.5	49	0.1	0.6	0.2	62	0.81	0.058
1337961	Soil		0.7	25.5	7.5	60	<0.1	25.1	12.4	280	3.63	5.5	1.1	7.2	9.6	32	<0.1	0.3	<0.1	73	0.36	0.022
1337964	Soil		0.6	44.7	10.1	92	<0.1	26.3	17.9	338	4.04	2.4	0.7	1.5	8.7	20	<0.1	<0.1	0.1	93	0.41	0.082
1317871	Soil		1.0	13.6	7.7	60	<0.1	10.8	13.8	318	4.24	6.1	0.2	<0.5	0.9	11	<0.1	0.3	<0.1	156	0.17	0.031
1337960	Soil		0.4	32.5	8.2	82	0.1	32.8	18.2	458	4.17	4.8	0.6	1.7	4.9	35	<0.1	0.2	<0.1	101	0.47	0.032
1337958	Soil		0.5	40.3	5.4	67	<0.1	44.0	16.5	376	3.53	3.8	0.6	2.2	5.8	29	<0.1	0.2	0.2	78	0.54	0.038
1337965	Soil		0.8	44.8	7.6	59	0.1	25.4	13.4	254	3.30	5.4	0.9	1.4	6.7	22	<0.1	0.3	0.1	78	0.35	0.037
1317869	Soil		1.2	85.5	14.0	112	0.3	33.6	18.8	571	3.57	6.6	0.8	3.4	2.3	25	0.2	0.3	0.1	82	0.40	0.055
1317868	Soil		0.8	68.0	7.9	94	0.2	24.6	15.4	549	3.49	7.0	0.6	1.1	2.5	27	0.1	0.4	<0.1	84	0.41	0.056
1337959	Soil		0.7	35.1	9.0	77	<0.1	31.4	15.3	409	4.31	5.6	1.0	0.7	8.0	34	0.2	0.3	0.1	92	0.52	0.037
1337967	Soil		0.8	41.2	9.9	71	<0.1	30.1	13.6	402	3.56	11.3	1.8	3.9	4.9	42	0.3	0.7	0.1	72	0.75	0.074



A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Kinross Gold Corp.**

5370 Kietzke Lane.  
Reno NV 89511 USA

Project: RP

Report Date: November 04, 2013

Page: 3 of 11

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
1392108	Soil	4	33	0.85	184	0.179	2	1.41	0.010	0.25	<0.1	0.02	2.1	0.1	<0.05	6	<0.5	<0.2
1392226	Soil	8	49	0.96	201	0.098	2	1.71	0.010	0.10	0.1	0.04	3.9	0.1	<0.05	6	0.8	<0.2
1337955	Soil	5	37	0.91	151	0.172	2	1.57	0.013	0.16	<0.1	<0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
1392109	Soil	12	30	0.66	283	0.092	1	1.61	0.016	0.06	0.1	0.01	4.8	<0.1	<0.05	5	<0.5	<0.2
1392107	Soil	8	24	0.51	130	0.081	1	1.50	0.010	0.05	0.1	0.03	3.1	<0.1	<0.05	6	<0.5	<0.2
1392229	Soil	13	43	0.77	209	0.049	2	1.62	0.014	0.05	0.1	0.05	4.4	0.1	<0.05	6	0.7	<0.2
1337954	Soil	10	38	0.82	95	0.059	<1	1.66	0.013	0.04	0.1	0.02	4.4	<0.1	<0.05	8	<0.5	<0.2
1392101	Rock Pulp	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1392106	Soil	14	30	0.59	237	0.087	3	1.37	0.032	0.08	0.2	0.02	4.4	<0.1	<0.05	4	<0.5	<0.2
1392112	Soil	6	22	0.48	96	0.077	<1	1.03	0.012	0.08	<0.1	0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1337957	Soil	33	45	0.88	238	0.148	2	2.40	0.017	0.30	0.1	0.03	5.8	0.1	<0.05	8	<0.5	<0.2
1392124	Soil	7	79	1.22	164	0.115	<1	1.86	0.011	0.16	0.1	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1392105	Soil	14	31	0.62	314	0.089	<1	1.65	0.020	0.08	0.2	0.03	4.6	<0.1	<0.05	5	0.5	<0.2
1392115	Soil	43	27	0.53	186	0.036	3	1.60	0.013	0.11	0.1	0.05	4.9	<0.1	<0.05	5	<0.5	<0.2
1337966	Soil	17	59	1.14	169	0.179	<1	2.16	0.011	0.32	0.1	<0.01	4.4	0.2	<0.05	9	<0.5	<0.2
1392114	Soil	15	47	0.91	316	0.067	<1	1.81	0.021	0.09	0.2	0.04	7.2	<0.1	<0.05	5	<0.5	<0.2
1392113	Soil	14	43	1.69	268	0.059	1	2.54	0.012	0.16	<0.1	0.04	10.9	0.1	<0.05	8	0.6	<0.2
1392125	Soil	7	93	1.40	152	0.134	1	1.98	0.012	0.20	0.1	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
1317867	Soil	9	75	1.61	333	0.148	<1	2.42	0.012	0.22	<0.1	0.04	5.5	0.2	<0.05	8	<0.5	<0.2
1337963	Soil	13	33	0.68	232	0.096	3	1.62	0.043	0.07	0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
1337961	Soil	25	44	1.00	171	0.171	<1	2.16	0.012	0.26	0.1	<0.01	4.4	0.1	<0.05	8	<0.5	<0.2
1337964	Soil	21	67	1.41	276	0.274	<1	2.45	0.011	0.94	0.1	<0.01	6.1	0.3	<0.05	9	0.7	<0.2
1317871	Soil	4	51	1.44	124	0.295	2	2.21	0.017	0.17	<0.1	<0.01	5.6	<0.1	<0.05	13	<0.5	<0.2
1337960	Soil	7	56	1.94	215	0.307	1	2.73	0.010	0.75	<0.1	<0.01	4.7	0.2	<0.05	10	<0.5	<0.2
1337958	Soil	21	141	1.63	286	0.210	<1	2.31	0.013	0.30	<0.1	<0.01	5.5	0.1	<0.05	9	<0.5	<0.2
1337965	Soil	20	58	1.05	218	0.146	1	2.19	0.014	0.19	0.1	<0.01	4.6	0.1	<0.05	7	<0.5	<0.2
1317869	Soil	10	96	1.46	356	0.143	1	2.32	0.014	0.24	0.1	0.04	5.4	0.3	<0.05	6	<0.5	<0.2
1317868	Soil	13	52	1.22	380	0.155	2	2.11	0.015	0.22	0.1	0.02	4.7	0.1	<0.05	6	0.7	<0.2
1337959	Soil	17	84	1.36	249	0.187	<1	2.66	0.015	0.28	0.1	0.01	7.1	0.1	<0.05	9	<0.5	<0.2
1337967	Soil	17	39	0.75	269	0.111	3	1.62	0.031	0.09	0.1	0.02	5.6	<0.1	<0.05	5	0.6	<0.2



# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
1352626	Soil		1.1	46.2	11.2	78	0.3	22.3	13.3	506	3.29	6.1	0.7	4.7	2.2	27	<0.1	0.4	0.1	80	0.37	0.039
1317870	Soil		0.9	40.1	45.5	134	0.1	38.1	25.4	1034	4.07	9.7	0.4	2.7	1.3	21	0.3	0.3	0.1	116	0.26	0.047
1337962	Soil		0.6	35.3	9.9	66	0.1	24.2	14.2	378	3.40	5.4	1.1	2.9	8.5	37	<0.1	0.3	<0.1	71	0.51	0.046
1337956	Soil		0.8	17.8	10.6	51	0.1	9.1	5.4	162	2.11	1.9	0.5	1.1	0.8	22	0.1	0.1	0.2	46	0.22	0.070
1298277	Soil		0.7	34.3	9.8	56	0.1	19.0	10.9	291	2.99	5.5	0.5	3.1	2.3	29	<0.1	0.3	<0.1	81	0.53	0.034
1298276	Soil		0.8	47.9	7.5	62	0.1	14.8	15.7	359	4.29	5.5	0.3	<0.5	1.3	27	<0.1	0.2	<0.1	140	0.36	0.031
1352627	Soil		0.5	129.8	4.4	176	0.1	18.3	14.5	631	4.58	3.6	0.7	1.5	3.8	19	0.1	0.1	<0.1	119	0.42	0.052
1352629	Soil		2.6	44.2	17.1	99	0.2	38.6	14.5	456	3.81	23.7	1.2	3.7	5.1	22	0.2	0.6	0.2	87	0.25	0.047
1298278	Soil		1.8	44.3	7.9	75	0.2	20.2	11.8	422	3.01	4.4	16.3	1.9	2.2	70	0.2	0.3	0.3	74	1.27	0.057
1298279	Soil		1.4	97.9	7.4	169	0.1	13.8	19.6	557	4.66	3.7	0.6	<0.5	2.1	30	<0.1	0.2	<0.1	125	0.50	0.052
1317873	Soil		1.2	39.8	7.2	134	0.3	21.9	14.8	675	5.74	10.2	0.7	<0.5	2.2	22	0.5	0.3	0.1	173	0.26	0.036
1352631	Soil		0.8	25.7	10.9	53	0.2	27.7	11.0	337	3.14	9.5	0.8	2.7	4.8	25	<0.1	0.5	0.1	72	0.31	0.026
1298280	Soil		0.6	50.8	9.9	68	0.1	22.6	16.8	261	3.55	8.0	0.6	4.5	2.8	19	<0.1	0.5	<0.1	91	0.37	0.040
1298284	Soil		0.7	11.2	30.9	46	0.2	12.5	5.6	159	1.80	4.0	1.1	2.5	17.7	16	<0.1	0.4	0.1	35	0.20	0.015
1317872	Soil		1.0	56.8	19.9	277	0.1	45.5	16.9	598	3.89	4.8	0.9	1.4	2.6	40	0.4	0.2	0.1	98	0.38	0.051
1352630	Soil		0.7	35.6	8.7	67	0.1	45.0	17.9	342	3.25	11.5	0.9	3.1	7.1	15	0.1	0.4	0.1	61	0.25	0.052
1298281	Soil		0.7	38.9	7.2	64	0.1	20.6	10.7	433	3.32	5.4	0.9	3.9	3.0	32	<0.1	0.4	<0.1	84	0.48	0.041
1298283	Soil		1.2	23.8	11.4	68	0.1	23.4	14.0	556	3.35	6.2	0.7	2.2	5.8	25	<0.1	0.4	<0.1	72	0.51	0.035
1298282	Soil		0.8	55.6	7.2	152	0.4	14.2	15.7	825	5.26	9.4	0.8	2.9	2.6	25	0.1	0.4	<0.1	102	0.33	0.040
1352628	Soil		0.8	40.0	12.9	89	0.3	23.4	12.8	412	2.86	9.5	0.7	2.8	2.6	20	0.2	0.3	<0.1	64	0.29	0.037
1393432	Soil		0.8	22.9	9.7	58	<0.1	24.2	12.3	470	2.73	9.4	0.9	4.0	4.0	20	<0.1	0.5	0.1	65	0.33	0.059
1298267	Soil		2.0	27.5	12.3	97	0.1	23.9	9.7	419	3.40	6.4	0.6	16.9	2.6	28	<0.1	0.4	<0.1	91	0.48	0.055
1298271	Soil		0.3	18.7	2.7	67	<0.1	6.2	6.7	439	2.86	4.3	0.3	1.5	2.6	8	<0.1	0.2	<0.1	39	0.26	0.063
1298274	Soil		0.5	26.0	5.3	70	<0.1	9.4	10.8	200	3.40	3.2	0.4	0.6	1.8	35	<0.1	0.2	<0.1	79	0.34	0.029
1393433	Soil		1.3	27.8	12.6	78	0.3	25.9	9.9	385	2.68	13.8	1.2	7.4	2.6	22	0.4	0.4	0.1	58	0.33	0.057
1298266	Soil		1.7	32.8	13.1	76	0.1	24.9	12.0	516	3.11	8.1	1.0	2.3	3.0	31	<0.1	0.4	0.1	81	0.55	0.052
1298270	Soil		0.2	90.6	12.0	60	0.1	28.6	22.4	717	4.84	2.2	0.3	1.5	1.1	19	<0.1	0.2	<0.1	105	0.60	0.116
1298273	Soil		0.5	54.8	3.7	76	<0.1	19.3	14.4	622	4.76	4.5	0.7	1.4	2.8	18	<0.1	0.3	<0.1	143	0.37	0.052
1393428	Soil		1.3	27.8	9.0	57	<0.1	28.2	11.6	281	3.11	11.5	1.0	3.4	4.1	19	0.1	0.6	0.1	72	0.22	0.027
1298264	Soil		1.6	16.0	10.4	91	<0.1	17.2	14.8	484	4.17	8.7	0.6	1.1	3.1	28	0.1	0.4	<0.1	87	0.47	0.054



A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Kinross Gold Corp.**

5370 Kietzke Lane.  
Reno NV 89511 USA

Project: RP

Report Date: November 04, 2013

Page: 4 of 11

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.1	0.05	0.5	0.2	
1352626	Soil	10	40	0.90	264	0.108	1	2.12	0.014	0.06	0.1	0.02	5.5	<0.1	<0.05	6	<0.5	<0.2
1317870	Soil	6	116	1.83	232	0.172	2	2.34	0.012	0.29	0.1	0.02	5.0	0.2	<0.05	7	<0.5	<0.2
1337962	Soil	25	65	0.99	255	0.144	<1	2.13	0.022	0.17	0.1	0.02	5.9	0.1	<0.05	7	<0.5	<0.2
1337956	Soil	9	24	0.45	115	0.061	2	1.12	0.013	0.09	<0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1298277	Soil	9	32	1.00	233	0.142	2	1.85	0.019	0.14	0.1	<0.01	5.6	<0.1	<0.05	7	<0.5	<0.2
1298276	Soil	5	24	1.56	283	0.200	<1	2.60	0.013	0.36	0.1	<0.01	6.9	0.1	<0.05	9	<0.5	<0.2
1352627	Soil	10	56	2.39	300	0.113	<1	3.22	0.013	0.34	<0.1	<0.01	9.7	0.1	<0.05	11	<0.5	<0.2
1352629	Soil	17	46	0.88	215	0.075	2	2.67	0.011	0.08	0.1	0.01	4.7	0.1	<0.05	8	<0.5	<0.2
1298278	Soil	14	35	0.88	121	0.116	7	1.81	0.026	0.11	0.1	0.02	6.4	<0.1	<0.05	6	2.7	<0.2
1298279	Soil	8	26	1.71	361	0.227	2	3.09	0.017	0.62	<0.1	<0.01	9.2	0.1	<0.05	10	<0.5	<0.2
1317873	Soil	11	67	2.60	269	0.146	1	4.01	0.011	0.30	<0.1	0.01	14.0	0.1	<0.05	13	<0.5	<0.2
1352631	Soil	15	40	0.60	213	0.090	1	2.41	0.014	0.06	0.1	0.02	5.2	0.1	<0.05	6	<0.5	<0.2
1298280	Soil	11	32	0.99	229	0.154	2	2.20	0.015	0.28	0.1	0.01	10.0	<0.1	<0.05	7	<0.5	<0.2
1298284	Soil	22	22	0.48	161	0.073	2	1.10	0.009	0.16	0.2	<0.01	2.8	<0.1	<0.05	3	<0.5	<0.2
1317872	Soil	10	150	2.83	588	0.187	<1	3.29	0.027	0.75	<0.1	0.01	7.9	0.4	0.08	9	1.0	<0.2
1352630	Soil	28	46	1.10	216	0.120	2	2.52	0.012	0.25	0.2	0.01	4.5	0.2	<0.05	6	<0.5	<0.2
1298281	Soil	11	35	0.94	329	0.123	3	1.81	0.035	0.19	0.1	0.01	9.3	<0.1	<0.05	6	<0.5	<0.2
1298283	Soil	13	42	0.90	163	0.085	1	2.04	0.011	0.13	0.2	0.01	6.6	<0.1	<0.05	7	<0.5	<0.2
1298282	Soil	8	25	1.70	201	0.210	1	3.12	0.010	0.21	0.3	<0.01	10.6	<0.1	<0.05	11	<0.5	<0.2
1352628	Soil	10	61	1.01	202	0.100	<1	1.74	0.013	0.09	<0.1	<0.01	4.6	<0.1	<0.05	5	<0.5	<0.2
1393432	Soil	16	35	0.62	199	0.083	2	1.90	0.011	0.05	0.2	0.01	4.3	<0.1	<0.05	6	<0.5	<0.2
1298267	Soil	10	41	1.10	189	0.127	1	2.19	0.023	0.08	0.1	0.02	7.0	<0.1	<0.05	8	<0.5	<0.2
1298271	Soil	8	10	0.63	93	0.055	<1	1.33	0.008	0.23	<0.1	<0.01	5.8	<0.1	<0.05	7	<0.5	<0.2
1298274	Soil	5	19	2.11	290	0.178	<1	2.79	0.011	0.57	0.1	<0.01	7.5	0.1	<0.05	9	<0.5	<0.2
1393433	Soil	18	34	0.58	190	0.060	1	1.78	0.011	0.06	0.2	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
1298266	Soil	13	41	0.84	230	0.099	1	1.95	0.025	0.05	0.1	0.03	6.7	<0.1	<0.05	7	<0.5	<0.2
1298270	Soil	5	39	2.29	196	0.071	<1	2.93	0.008	0.12	<0.1	<0.01	9.3	<0.1	<0.05	8	<0.5	<0.2
1298273	Soil	12	35	1.67	543	0.213	1	2.40	0.014	0.67	<0.1	<0.01	18.8	0.2	<0.05	10	<0.5	<0.2
1393428	Soil	15	38	0.63	204	0.089	2	2.25	0.013	0.05	0.1	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
1298264	Soil	8	31	1.06	179	0.073	1	2.49	0.013	0.09	0.1	0.01	5.2	<0.1	<0.05	9	<0.5	<0.2

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
1298269	Soil		0.5	28.7	11.7	79	0.2	31.2	13.3	612	3.63	8.2	0.7	2.6	3.0	21	<0.1	0.5	<0.1	85	0.44	0.028
1298275	Soil		0.5	22.8	5.7	66	<0.1	11.3	10.1	198	3.16	3.3	0.3	0.8	1.6	30	<0.1	0.2	<0.1	74	0.33	0.027
1393429	Soil		1.6	21.9	14.7	58	0.1	24.3	8.5	254	4.07	21.8	0.5	1.3	4.0	10	0.3	0.6	0.1	82	0.12	0.048
1298265	Soil		0.6	29.3	9.0	63	<0.1	21.3	10.2	335	2.77	7.7	0.7	2.3	2.6	29	<0.1	0.3	<0.1	69	0.48	0.053
1298268	Soil		0.8	26.4	9.2	167	<0.1	10.2	10.3	998	5.02	5.4	0.5	2.5	2.3	17	0.1	0.2	<0.1	105	0.48	0.102
1298272	Soil		0.8	38.7	4.9	86	<0.1	11.0	11.0	578	3.94	4.5	0.3	<0.5	1.2	30	<0.1	0.2	<0.1	88	0.71	0.187
1399692	Soil		1.1	33.2	11.9	62	0.1	24.9	11.5	405	2.83	5.7	0.7	2.2	4.0	34	0.1	0.5	<0.1	62	0.68	0.040
1393436	Soil		1.4	24.0	11.4	119	0.3	23.2	10.6	424	2.77	7.9	0.8	1.5	2.7	19	0.2	0.2	0.1	64	0.29	0.061
1393435	Soil		1.9	28.4	15.0	84	0.5	27.9	13.8	592	2.81	12.9	1.3	2.9	2.8	29	0.3	0.3	0.1	54	0.33	0.073
1393427	Soil		2.1	29.4	9.9	72	0.2	25.8	11.4	422	2.46	11.6	0.6	8.4	4.3	32	0.3	0.3	<0.1	55	2.35	0.124
1399687	Soil		0.7	30.2	6.0	258	<0.1	18.4	17.2	641	4.95	3.9	0.8	1.2	3.6	26	0.2	0.2	<0.1	137	0.47	0.019
1399688	Soil		1.1	35.7	5.9	95	0.1	10.8	11.0	455	3.47	4.9	1.1	7.7	3.7	26	0.1	0.2	<0.1	84	0.55	0.040
1393437	Soil		0.9	49.0	12.1	114	0.4	29.3	14.4	561	3.06	5.9	1.0	2.5	3.0	24	0.3	0.2	0.1	67	0.42	0.054
1393426	Soil		1.2	40.6	11.1	64	0.4	69.8	13.1	474	2.83	13.4	1.1	2.6	2.0	22	0.2	0.4	0.5	68	0.37	0.053
1399686	Soil		0.8	18.7	7.9	187	<0.1	10.0	12.4	767	3.96	5.5	0.4	0.6	3.3	14	0.1	0.3	<0.1	73	0.14	0.026
1399691	Soil		0.6	21.5	6.0	61	<0.1	18.0	11.5	270	2.94	4.4	0.5	1.3	4.9	23	<0.1	0.3	<0.1	64	0.39	0.021
1393431	Soil		1.0	16.1	10.6	53	0.2	23.5	11.8	495	2.98	9.6	0.5	7.2	2.5	14	0.2	0.6	0.1	65	0.17	0.037
1393430	Soil		2.4	32.6	12.5	98	0.3	33.0	10.7	275	2.85	19.4	1.4	4.8	3.7	17	0.3	0.6	0.1	66	0.17	0.045
1399695	Soil		1.3	33.2	11.1	89	0.1	16.9	12.5	523	3.60	7.1	0.9	0.6	3.3	43	0.2	0.4	0.2	76	0.61	0.061
1399698	Soil		0.8	62.9	7.1	67	0.3	14.4	12.9	309	3.55	4.6	0.7	4.2	1.7	51	<0.1	0.2	0.1	94	0.42	0.034
1393423	Soil		0.6	13.7	14.4	48	0.1	14.2	6.0	207	1.88	5.8	0.6	1.5	2.9	12	0.1	0.2	0.2	43	0.15	0.030
1393434	Soil		2.1	23.5	11.1	55	0.3	16.0	7.0	215	2.70	11.9	1.0	7.1	3.2	20	0.2	0.3	0.2	57	0.17	0.036
1399689	Soil		1.1	26.5	7.6	62	0.1	16.9	11.1	356	3.20	5.9	1.0	2.1	3.4	32	0.2	0.3	0.1	67	0.60	0.051
1392233	Soil		4.9	16.4	12.9	56	0.2	15.6	7.7	278	3.05	8.5	0.4	1.0	2.5	15	0.3	0.4	0.3	69	0.16	0.027
1392235	Soil		3.1	22.2	21.4	58	0.2	21.7	10.4	519	3.19	9.0	0.9	5.1	3.8	38	<0.1	0.4	0.2	64	0.51	0.029
1399693	Soil		0.3	51.7	7.3	89	<0.1	43.4	24.2	575	4.54	3.5	0.6	1.4	5.3	49	<0.1	<0.1	<0.1	104	0.50	0.053
1399694	Soil		0.8	234.8	8.8	84	0.4	34.9	12.8	410	2.91	9.4	0.5	9.2	3.6	95	0.2	0.6	0.4	68	2.85	0.038
1399699	Soil		1.2	52.0	9.2	63	0.1	19.9	11.3	234	4.35	10.5	0.3	1.9	1.9	19	<0.1	0.4	0.2	104	0.19	0.047
1392232	Soil		1.0	38.3	19.6	136	<0.1	23.5	19.1	908	5.77	13.4	0.4	1.6	2.4	18	0.1	0.4	0.1	108	0.27	0.038
1399700	Soil		0.5	29.6	5.5	77	0.1	12.4	13.1	366	3.70	4.4	0.3	1.7	1.2	33	<0.1	0.2	<0.1	112	0.31	0.051



www.acmelab.com

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

Client: **Kinross Gold Corp.**  
 5370 Kietzke Lane.  
 Reno NV 89511 USA

Project: RP  
 Report Date: November 04, 2013

Page: 5 of 11

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.05	1	0.5	0.2	
1298269	Soil	13	58	1.14	95	0.087	1	2.15	0.014	0.14	<0.1	0.01	7.5	<0.1	<0.05	10	<0.5	<0.2
1298275	Soil	5	20	1.75	245	0.164	<1	2.46	0.013	0.48	<0.1	0.01	6.1	0.1	<0.05	9	<0.5	<0.2
1393429	Soil	10	39	0.56	70	0.104	2	2.06	0.006	0.09	0.1	0.03	3.3	0.2	<0.05	8	<0.5	<0.2
1298265	Soil	11	35	0.72	175	0.086	1	1.61	0.023	0.05	<0.1	0.01	5.8	<0.1	<0.05	5	<0.5	<0.2
1298268	Soil	9	14	2.06	193	0.114	<1	3.26	0.011	0.20	0.1	<0.01	8.0	<0.1	<0.05	15	<0.5	<0.2
1298272	Soil	4	20	1.00	184	0.178	1	1.98	0.020	0.58	<0.1	<0.01	6.0	0.1	<0.05	9	<0.5	<0.2
1399692	Soil	13	34	0.71	291	0.141	2	1.80	0.029	0.17	0.2	0.03	5.2	0.1	<0.05	6	<0.5	<0.2
1393436	Soil	11	55	1.14	178	0.106	1	1.97	0.011	0.16	<0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1393435	Soil	24	37	0.60	224	0.051	1	2.09	0.012	0.10	0.1	0.05	4.0	0.1	<0.05	7	<0.5	<0.2
1393427	Soil	17	34	3.69	113	0.087	1	1.99	0.017	0.07	0.1	0.03	4.8	0.2	<0.05	6	<0.5	<0.2
1399687	Soil	15	37	2.03	433	0.188	<1	3.17	0.009	0.42	<0.1	<0.01	9.4	0.2	<0.05	10	<0.5	<0.2
1399688	Soil	10	24	0.88	242	0.131	<1	1.95	0.014	0.26	<0.1	0.02	6.3	0.1	<0.05	7	<0.5	<0.2
1393437	Soil	11	79	1.40	313	0.128	1	2.22	0.014	0.21	<0.1	0.02	5.2	0.2	<0.05	6	<0.5	<0.2
1393426	Soil	16	101	0.95	149	0.050	1	2.01	0.010	0.05	0.1	0.02	4.8	0.1	<0.05	6	<0.5	<0.2
1399686	Soil	7	30	1.41	259	0.175	<1	2.67	0.008	0.37	0.1	<0.01	4.3	0.2	<0.05	9	<0.5	<0.2
1399691	Soil	13	35	0.86	234	0.167	<1	1.74	0.014	0.23	<0.1	0.01	5.3	0.1	<0.05	6	<0.5	<0.2
1393431	Soil	10	35	0.42	172	0.070	1	2.66	0.010	0.04	0.1	0.04	3.5	0.1	<0.05	6	<0.5	<0.2
1393430	Soil	20	34	0.51	137	0.059	1	1.68	0.014	0.08	0.1	0.02	3.6	0.1	0.06	5	<0.5	<0.2
1399695	Soil	12	33	0.89	234	0.134	<1	2.17	0.022	0.10	0.1	0.03	7.4	<0.1	<0.05	8	1.4	<0.2
1399698	Soil	8	33	1.29	243	0.147	<1	2.60	0.017	0.11	<0.1	0.03	6.2	<0.1	<0.05	9	0.6	<0.2
1393423	Soil	11	24	0.51	116	0.083	<1	1.23	0.008	0.08	0.1	0.02	2.4	0.1	<0.05	6	0.8	<0.2
1393434	Soil	17	27	0.39	124	0.059	<1	1.77	0.012	0.07	0.1	0.04	3.0	0.1	<0.05	6	<0.5	<0.2
1399689	Soil	11	28	0.86	229	0.113	<1	1.89	0.022	0.08	0.2	0.02	6.1	<0.1	<0.05	7	0.8	<0.2
1392233	Soil	9	26	0.43	118	0.057	<1	1.77	0.009	0.07	0.1	0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
1392235	Soil	32	36	0.61	206	0.097	<1	2.07	0.015	0.11	0.2	0.04	7.1	<0.1	<0.05	8	0.8	<0.2
1399693	Soil	14	104	2.39	410	0.231	<1	3.18	0.008	0.69	0.1	<0.01	6.3	0.2	<0.05	10	0.6	<0.2
1399694	Soil	17	37	0.97	826	0.098	<1	2.10	0.056	0.06	0.1	0.06	5.5	<0.1	<0.05	6	<0.5	<0.2
1399699	Soil	7	35	0.87	162	0.155	<1	2.54	0.010	0.14	0.1	0.02	3.3	0.1	<0.05	9	0.6	<0.2
1392232	Soil	6	44	1.53	147	0.157	<1	2.86	0.010	0.21	0.1	0.02	6.6	<0.1	<0.05	13	<0.5	<0.2
1399700	Soil	4	21	1.84	282	0.184	<1	2.91	0.012	0.46	0.1	0.02	7.3	0.1	<0.05	10	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
1399615	Soil		1.4	36.7	22.1	65	0.4	19.2	8.8	276	2.94	6.9	1.3	3.5	4.2	18	0.3	0.4	0.3	69	0.19	0.032
1392231	Soil		2.5	45.1	15.7	96	0.4	30.3	15.3	671	3.98	12.4	1.1	2.3	3.4	34	0.3	0.4	0.2	91	0.48	0.046
1392236	Soil		0.7	19.7	11.1	70	<0.1	11.7	11.0	510	4.39	5.4	0.7	1.6	5.7	20	<0.1	0.2	0.1	72	0.28	0.024
1399690	Soil		1.0	19.7	5.7	66	<0.1	12.1	10.1	364	3.13	4.2	0.7	<0.5	3.5	25	<0.1	0.3	<0.1	70	0.40	0.042
1399612	Soil		0.6	17.8	35.8	66	<0.1	15.7	6.7	237	2.10	4.8	4.2	1.9	11.0	26	0.2	0.3	0.5	52	0.37	0.033
1399696	Soil		1.0	17.4	5.9	62	0.1	10.9	6.6	215	2.52	4.9	0.6	3.8	1.1	26	0.1	0.2	0.1	57	0.31	0.048
1399697	Soil		0.4	26.9	8.3	93	0.2	12.3	9.6	274	3.14	4.9	0.8	2.4	2.0	33	0.1	0.2	0.1	66	0.35	0.053
1392234	Soil		3.6	15.0	12.2	49	<0.1	11.1	6.8	258	2.40	6.1	0.4	1.1	3.9	18	<0.1	0.2	0.2	43	0.25	0.025
1281726	Soil		0.7	16.9	9.2	59	<0.1	21.8	10.1	302	3.30	6.3	0.8	3.3	6.1	17	<0.1	0.2	0.2	67	0.24	0.040
1399613	Soil		0.9	24.3	34.9	59	0.3	13.6	5.6	156	2.26	6.5	3.2	2.9	2.5	23	0.2	0.3	0.4	53	0.24	0.030
1399619	Soil		1.1	19.6	15.3	72	<0.1	17.9	7.9	278	3.33	8.1	0.7	2.0	4.1	12	0.2	0.4	0.2	70	0.10	0.035
1399611	Soil		0.6	32.9	8.1	60	0.1	27.9	10.6	453	2.68	8.6	0.6	6.0	3.4	57	0.2	0.5	0.1	60	1.45	0.073
1281731	Soil		0.9	23.4	13.5	60	<0.1	32.6	11.1	297	3.52	11.2	0.6	5.7	5.2	16	0.1	0.4	0.2	72	0.17	0.019
1399610	Soil		0.8	20.3	8.1	54	<0.1	19.0	8.7	348	2.22	6.4	1.1	3.0	3.1	43	0.2	0.5	0.1	54	0.77	0.067
1399621	Soil		1.0	27.7	35.8	100	0.1	20.9	9.3	349	2.79	5.2	1.1	1.2	7.2	37	0.1	0.3	0.3	61	0.45	0.030
1399617	Soil		2.0	24.0	50.1	113	0.8	16.4	7.9	426	2.23	4.4	8.9	2.9	11.6	33	0.3	0.3	0.6	43	0.52	0.049
1399622	Soil		0.9	19.5	17.4	69	0.1	19.5	8.5	328	2.60	5.3	0.8	2.9	4.8	27	0.2	0.4	0.2	56	0.36	0.036
1399624	Soil		0.6	23.9	8.9	65	<0.1	20.2	10.0	336	3.05	7.5	1.0	10.2	8.0	41	<0.1	0.2	0.1	57	0.56	0.066
1399618	Soil		1.6	15.3	18.5	55	0.1	11.8	5.5	299	2.59	7.7	0.6	3.8	3.2	17	0.2	0.4	0.3	70	0.19	0.037
1399614	Soil		0.8	15.5	35.8	87	0.1	18.8	8.4	343	2.78	6.7	1.0	3.8	5.8	20	0.3	0.3	0.4	64	0.27	0.039
1399625	Soil		0.5	23.9	9.0	63	<0.1	18.9	9.2	312	2.95	7.2	1.0	4.1	8.2	41	<0.1	0.2	0.1	52	0.52	0.071
1281730	Soil		1.0	17.1	15.8	46	0.4	16.9	8.7	483	2.45	7.1	0.8	3.7	3.7	28	0.3	0.3	0.2	52	0.35	0.043
1399620	Soil		1.1	24.9	12.6	58	<0.1	30.1	12.3	236	3.35	12.1	0.5	4.2	3.9	12	0.2	0.6	0.2	73	0.12	0.029
1399616	Soil		1.1	14.9	13.8	51	<0.1	14.3	7.0	227	3.10	7.5	0.4	3.6	2.5	12	<0.1	0.3	0.2	75	0.11	0.022
1399581	Soil		0.4	36.2	10.8	82	0.2	59.9	20.9	307	4.71	3.4	0.8	<0.5	3.8	24	<0.1	0.2	0.1	118	0.40	0.115
1399586	Soil		0.7	16.2	26.7	56	0.2	17.2	7.2	321	1.80	4.0	1.8	<0.5	12.2	26	<0.1	0.2	0.3	33	0.24	0.042
1399587	Soil		1.0	25.1	13.2	55	0.3	36.4	9.5	336	2.25	6.6	1.1	0.8	4.9	23	<0.1	0.2	0.1	50	0.31	0.043
1281727	Soil		0.7	18.2	8.3	63	<0.1	24.8	11.3	399	3.42	4.9	0.7	<0.5	5.3	16	<0.1	0.2	0.2	71	0.21	0.042
1399584	Soil		0.9	24.9	13.4	50	0.3	22.6	8.6	265	2.02	4.6	1.8	3.1	9.9	27	<0.1	0.2	0.1	44	0.34	0.053
1399585	Soil		1.9	30.2	9.2	63	0.3	44.4	11.7	529	2.99	7.3	0.5	<0.5	2.7	19	0.2	0.4	0.1	65	0.16	0.024



www.acmelab.com

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

Client: **Kinross Gold Corp.**  
 5370 Kietzke Lane.  
 Reno NV 89511 USA

Project: RP  
 Report Date: November 04, 2013

Page: 6 of 11

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000516.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1399615	Soil	18	34	0.51	194	0.101	<1	1.86	0.010	0.07	0.2	0.02	3.2	0.1	<0.05	8	1.0	<0.2
1392231	Soil	33	58	1.04	191	0.077	<1	2.42	0.013	0.12	0.2	0.01	7.9	<0.1	<0.05	9	0.9	<0.2
1392236	Soil	19	18	1.28	153	0.119	<1	2.40	0.010	0.15	0.1	0.01	7.9	0.1	<0.05	12	0.7	<0.2
1399690	Soil	10	25	0.81	247	0.171	<1	1.68	0.014	0.22	0.1	0.01	4.2	0.1	<0.05	6	<0.5	<0.2
1399612	Soil	22	26	0.43	163	0.093	<1	1.32	0.016	0.05	0.4	0.03	4.0	<0.1	<0.05	4	<0.5	<0.2
1399696	Soil	8	31	0.72	144	0.078	<1	1.47	0.014	0.10	0.1	0.03	4.3	<0.1	<0.05	7	<0.5	<0.2
1399697	Soil	9	25	0.97	250	0.100	<1	1.94	0.014	0.09	0.1	0.06	7.0	<0.1	<0.05	8	0.6	<0.2
1392234	Soil	16	21	0.44	117	0.047	<1	1.39	0.010	0.05	<0.1	<0.01	5.0	<0.1	<0.05	6	<0.5	<0.2
1281726	Soil	19	38	0.84	137	0.149	<1	1.93	0.007	0.22	0.1	0.03	3.4	0.2	<0.05	8	<0.5	<0.2
1399613	Soil	22	25	0.31	197	0.065	<1	1.70	0.011	0.06	0.2	0.04	3.2	0.1	<0.05	7	<0.5	<0.2
1399619	Soil	9	32	0.46	102	0.072	<1	2.53	0.008	0.04	0.2	0.02	3.2	<0.1	<0.05	8	<0.5	<0.2
1399611	Soil	13	29	0.76	271	0.089	2	1.29	0.041	0.07	0.2	0.03	4.2	<0.1	<0.05	4	<0.5	<0.2
1281731	Soil	15	59	0.84	148	0.076	<1	2.39	0.008	0.08	<0.1	0.01	3.9	<0.1	<0.05	7	<0.5	<0.2
1399610	Soil	12	24	0.49	239	0.081	1	1.27	0.033	0.06	0.3	0.03	3.7	<0.1	<0.05	4	0.8	<0.2
1399621	Soil	31	46	0.73	155	0.104	<1	1.62	0.015	0.09	0.1	0.01	4.7	<0.1	<0.05	6	0.7	<0.2
1399617	Soil	161	28	0.52	208	0.072	<1	1.74	0.014	0.08	0.3	0.06	4.2	0.1	<0.05	7	<0.5	<0.2
1399622	Soil	23	33	0.55	182	0.074	<1	1.65	0.015	0.06	0.1	0.03	3.7	<0.1	<0.05	6	0.5	<0.2
1399624	Soil	23	35	0.85	191	0.119	<1	1.87	0.015	0.34	0.2	0.02	5.1	0.1	<0.05	6	<0.5	<0.2
1399618	Soil	10	22	0.32	147	0.078	<1	1.36	0.009	0.05	0.1	0.02	2.8	<0.1	<0.05	8	<0.5	<0.2
1399614	Soil	15	32	0.54	141	0.091	<1	1.66	0.012	0.09	0.4	0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1399625	Soil	23	33	0.83	180	0.105	<1	1.74	0.012	0.34	0.1	0.02	5.1	0.2	<0.05	6	<0.5	<0.2
1281730	Soil	30	32	0.52	130	0.071	<1	1.38	0.013	0.11	0.2	0.05	2.9	<0.1	<0.05	5	<0.5	<0.2
1399620	Soil	8	37	0.45	164	0.070	<1	2.75	0.009	0.06	0.2	0.04	3.9	<0.1	<0.05	6	<0.5	<0.2
1399616	Soil	9	28	0.52	97	0.114	<1	1.77	0.009	0.06	0.1	0.02	2.9	0.1	<0.05	7	<0.5	<0.2
1399581	Soil	14	101	2.09	567	0.188	<1	3.22	0.008	0.34	<0.1	<0.01	5.4	0.2	<0.05	11	<0.5	<0.2
1399586	Soil	26	27	0.68	171	0.053	<1	1.19	0.006	0.08	0.1	<0.01	2.0	0.1	<0.05	4	<0.5	<0.2
1399587	Soil	15	48	0.68	240	0.064	<1	1.33	0.007	0.08	0.1	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
1281727	Soil	15	51	1.06	168	0.171	<1	2.09	0.007	0.21	0.2	0.01	3.3	0.2	<0.05	9	<0.5	<0.2
1399584	Soil	21	35	0.78	302	0.082	<1	1.31	0.009	0.13	0.2	0.01	2.8	0.1	<0.05	4	<0.5	<0.2
1399585	Soil	10	56	0.76	228	0.059	<1	1.96	0.007	0.07	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

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

Client: **Kinross Gold Corp.**  
 5370 Kietzke Lane.  
 Reno NV 89511 USA

Project: RP  
 Report Date: November 04, 2013

Page: 7 of 11

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
1399589	Soil		1.0	22.5	15.0	76	0.4	41.3	15.6	435	4.26	9.1	0.5	<0.5	3.8	28	0.2	0.4	0.1	96	0.28	0.041
1281728	Soil		0.4	15.1	10.2	77	<0.1	19.0	13.9	448	3.34	3.8	0.7	1.6	4.6	19	<0.1	0.2	0.2	61	0.36	0.060
1399579	Soil		1.0	41.4	32.9	98	0.3	31.5	11.9	599	3.70	12.5	1.2	4.0	13.6	43	0.1	0.5	0.2	56	1.14	0.056
1399580	Soil		0.3	43.2	8.4	53	<0.1	41.4	18.6	399	3.38	3.4	0.3	<0.5	2.3	30	<0.1	0.2	<0.1	74	0.29	0.044
1399578	Soil		0.9	10.7	8.2	93	<0.1	30.3	12.7	457	3.56	5.3	0.4	0.7	4.5	20	0.2	0.4	0.1	90	0.25	0.059
1281729	Soil		0.9	21.9	7.2	55	0.1	18.6	8.7	291	3.09	6.7	1.2	0.6	2.1	15	0.1	0.3	0.2	60	0.20	0.062
1399583	Soil		0.3	15.2	20.6	42	0.2	20.5	7.7	232	1.62	2.8	1.4	<0.5	9.2	26	<0.1	0.1	0.2	28	0.35	0.045
1399582	Soil		1.1	25.7	10.0	56	0.2	36.8	11.4	285	3.39	10.3	0.6	0.9	3.7	16	<0.1	0.5	0.1	73	0.19	0.032
1399588	Soil		0.9	25.7	11.9	48	0.3	26.8	9.8	338	2.29	3.6	0.9	<0.5	5.0	34	<0.1	0.2	0.1	56	0.41	0.022
1399623	Soil		1.0	32.5	9.0	61	0.1	27.5	11.7	483	2.86	8.5	0.8	3.4	2.8	44	0.2	0.7	0.1	62	0.76	0.067
1281737	Soil		0.5	25.6	7.0	83	<0.1	11.6	11.4	446	3.78	4.0	0.3	<0.5	1.8	24	<0.1	0.3	0.2	101	0.23	0.039
1281745	Soil		2.3	57.8	9.1	150	0.6	14.0	20.0	765	6.22	5.6	2.0	4.9	2.1	34	0.6	0.3	0.1	125	0.87	0.197
1399593	Soil		2.8	43.8	8.9	80	<0.1	70.0	10.6	337	3.22	9.9	0.6	<0.5	3.1	25	<0.1	0.3	0.1	67	0.24	0.025
1399594	Soil		0.7	38.9	9.8	65	0.1	32.9	10.0	370	2.87	8.0	0.9	0.5	3.7	43	0.1	0.6	0.2	60	0.67	0.062
1281734	Soil		1.0	40.0	6.4	99	0.1	13.8	11.0	410	3.76	5.0	0.4	0.7	1.9	29	0.1	0.2	0.1	105	0.30	0.054
1281739	Soil		0.5	23.7	12.4	86	0.3	18.0	10.3	339	3.31	3.4	0.6	<0.5	1.4	21	0.1	0.2	<0.1	82	0.34	0.071
1399596	Soil		1.9	28.8	12.7	72	0.1	43.4	11.2	322	3.00	9.7	1.1	2.5	5.8	27	0.1	0.3	0.2	49	0.24	0.035
1399590	Soil		1.1	26.1	9.3	55	0.2	34.6	9.0	329	2.31	6.0	0.9	<0.5	3.3	25	0.1	0.3	0.1	50	0.32	0.038
1281742	Soil		0.7	27.4	8.1	61	0.2	15.2	8.3	263	2.95	5.6	0.7	5.8	1.6	24	0.1	0.3	0.1	63	0.33	0.064
1281743	Soil		0.9	39.6	11.6	199	0.2	12.8	9.9	584	3.56	3.9	0.8	2.4	2.4	28	0.4	0.2	0.1	63	0.23	0.065
1399591	Soil		1.5	28.5	13.2	59	0.2	40.5	13.8	352	2.90	5.1	1.2	0.8	6.4	36	<0.1	0.2	0.1	50	0.46	0.070
1399597	Soil		1.9	19.7	8.8	47	0.3	36.6	9.5	258	3.07	12.8	0.4	1.5	1.9	24	0.2	0.4	0.2	68	0.21	0.037
1281740	Soil		0.5	39.5	10.3	72	0.2	16.3	15.2	381	3.52	3.5	0.5	<0.5	1.7	27	0.1	0.2	<0.1	88	0.38	0.049
1281736	Soil		1.0	27.7	8.6	73	0.2	12.5	8.7	339	3.42	5.0	0.3	<0.5	0.8	18	0.2	0.3	0.2	103	0.15	0.042
1399592	Soil		1.1	32.0	9.6	66	<0.1	49.6	11.7	290	3.26	8.3	0.6	<0.5	2.9	20	<0.1	0.5	0.1	68	0.22	0.019
1399595	Soil		0.9	31.3	8.4	52	0.1	33.1	11.1	341	3.09	10.2	0.6	1.6	3.7	29	<0.1	0.5	0.1	69	0.34	0.022
1351863	Soil		1.2	28.8	24.2	90	0.4	26.9	11.6	288	2.88	4.7	1.7	0.7	6.7	34	0.2	0.2	0.2	54	0.43	0.068
1351865	Soil		2.1	52.0	11.4	144	0.2	48.7	10.8	231	3.59	19.7	1.2	<0.5	5.2	17	0.3	0.7	0.2	73	0.13	0.033
1281733	Soil		1.1	19.3	13.1	68	0.3	17.0	8.3	260	2.80	9.1	2.5	0.6	4.6	39	0.2	0.3	0.2	50	0.67	0.069
1281744	Soil		0.9	19.4	8.5	103	<0.1	13.7	10.8	423	3.30	4.7	0.5	1.2	2.2	25	0.2	0.2	0.1	74	0.35	0.074

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

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

Client: **Kinross Gold Corp.**  
 5370 Kietzke Lane.  
 Reno NV 89511 USA

Project: RP  
 Report Date: November 04, 2013

Page: 7 of 11

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.05	1	0.5	0.2	
1399589	Soil	9	90	1.17	198	0.108	<1	2.89	0.007	0.08	0.1	0.02	4.1	<0.1	<0.05	10	<0.5	<0.2
1281728	Soil	13	34	1.22	261	0.184	<1	2.05	0.012	0.39	0.2	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1399579	Soil	46	42	0.75	215	0.108	<1	2.40	0.013	0.10	0.2	0.04	6.6	0.1	<0.05	8	<0.5	<0.2
1399580	Soil	7	100	1.74	439	0.153	<1	2.28	0.006	0.20	<0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1399578	Soil	10	44	1.17	372	0.166	<1	2.45	0.008	0.12	0.1	0.02	5.7	<0.1	<0.05	9	<0.5	<0.2
1281729	Soil	12	28	0.62	127	0.070	<1	1.60	0.010	0.05	0.2	0.04	3.0	<0.1	<0.05	5	<0.5	<0.2
1399583	Soil	23	33	0.92	178	0.076	<1	1.10	0.004	0.12	<0.1	<0.01	1.4	0.1	<0.05	4	<0.5	<0.2
1399582	Soil	9	51	0.72	215	0.085	<1	2.22	0.007	0.07	0.1	0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
1399588	Soil	12	53	0.80	353	0.084	<1	1.57	0.010	0.10	0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1399623	Soil	14	31	0.64	278	0.086	<1	1.51	0.032	0.06	0.2	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1281737	Soil	6	21	1.27	135	0.154	<1	2.31	0.008	0.10	0.1	0.01	6.5	0.1	<0.05	9	<0.5	<0.2
1281745	Soil	8	18	1.60	154	0.136	<1	2.11	0.018	0.28	0.3	0.03	9.1	0.2	<0.05	9	<0.5	<0.2
1399593	Soil	7	83	1.12	184	0.047	<1	2.03	0.004	0.17	<0.1	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
1399594	Soil	14	40	0.71	289	0.095	<1	1.68	0.029	0.07	0.2	0.03	5.1	<0.1	<0.05	5	<0.5	<0.2
1281734	Soil	7	32	1.46	357	0.175	<1	2.33	0.011	0.30	<0.1	0.01	6.5	0.1	<0.05	9	<0.5	<0.2
1281739	Soil	6	35	1.03	138	0.148	<1	2.01	0.011	0.12	0.1	0.04	6.4	0.1	<0.05	9	<0.5	<0.2
1399596	Soil	16	52	0.83	167	0.090	<1	1.66	0.009	0.14	<0.1	0.01	3.3	0.1	<0.05	5	<0.5	<0.2
1399590	Soil	12	51	0.70	182	0.066	<1	1.39	0.009	0.06	0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1281742	Soil	9	31	0.69	177	0.104	<1	1.71	0.012	0.07	0.1	0.03	5.0	0.1	<0.05	6	<0.5	<0.2
1281743	Soil	11	24	0.98	227	0.162	<1	2.14	0.010	0.31	0.1	0.04	5.9	0.2	0.10	9	0.6	<0.2
1399591	Soil	15	58	1.25	405	0.094	<1	1.87	0.009	0.26	0.1	0.01	3.7	0.2	<0.05	6	<0.5	<0.2
1399597	Soil	8	46	0.65	128	0.076	<1	1.89	0.010	0.07	0.2	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1281740	Soil	7	46	1.58	277	0.154	<1	2.10	0.013	0.26	0.1	0.02	5.5	0.2	<0.05	7	<0.5	<0.2
1281736	Soil	6	28	0.98	100	0.134	<1	1.82	0.011	0.06	0.2	0.02	4.4	<0.1	<0.05	10	<0.5	<0.2
1399592	Soil	10	61	0.90	207	0.088	<1	1.93	0.010	0.08	0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
1399595	Soil	14	48	0.66	243	0.080	<1	1.87	0.016	0.05	0.1	0.03	6.5	<0.1	<0.05	5	<0.5	0.2
1351863	Soil	38	33	0.71	317	0.081	<1	1.91	0.008	0.14	<0.1	0.06	4.3	0.2	0.05	8	1.4	<0.2
1351865	Soil	19	51	0.79	195	0.068	<1	2.17	0.006	0.07	<0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1281733	Soil	25	31	0.57	158	0.061	<1	1.75	0.012	0.06	0.2	0.08	4.6	<0.1	0.10	6	0.5	<0.2
1281744	Soil	9	27	0.98	178	0.145	<1	1.87	0.014	0.20	0.2	0.02	5.2	0.2	<0.05	8	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.





www.acmelab.com

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

Client: **Kinross Gold Corp.**  
 5370 Kietzke Lane.  
 Reno NV 89511 USA

Project: RP  
 Report Date: November 04, 2013

Page: 8 of 11

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1351864	Soil		1.4	48.8	12.5	104	<0.1	46.5	12.9	446	3.40	13.3	1.4	3.1	5.0	30	0.3	0.5	0.2	79	0.38	0.053
1351855	Soil		1.1	23.2	19.6	85	<0.1	37.8	18.1	868	4.75	7.1	0.5	0.8	2.4	17	0.1	0.3	0.2	95	0.30	0.073
1281732	Soil		0.9	24.6	12.1	64	0.2	18.9	10.5	285	3.26	5.4	0.5	2.4	3.3	18	0.2	0.3	0.2	73	0.20	0.040
1281738	Soil		0.6	28.6	7.9	63	0.1	16.4	9.8	443	3.17	3.1	0.3	1.1	1.7	17	<0.1	0.1	<0.1	81	0.22	0.037
1351857	Soil		1.2	24.2	16.5	61	0.8	19.6	9.5	318	3.30	7.0	0.6	1.3	3.6	22	<0.1	0.4	0.3	92	0.25	0.025
1351852	Soil		0.9	26.9	11.6	94	<0.1	21.8	12.4	483	3.45	7.4	0.8	<0.5	3.2	21	0.3	0.3	0.2	95	0.35	0.053
1351859	Soil		0.3	24.4	11.3	84	0.1	29.1	15.1	536	3.99	3.4	1.1	0.8	10.4	18	<0.1	0.2	0.2	60	0.28	0.034
1281741	Soil		0.6	35.2	9.3	84	0.2	14.3	10.9	553	3.37	4.2	0.6	2.0	1.7	27	0.2	0.2	0.1	80	0.51	0.091
1351861	Soil		0.8	37.9	17.5	86	0.1	24.9	12.0	377	3.17	8.5	1.1	4.4	6.1	18	0.2	0.3	0.2	62	0.26	0.025
1351862	Soil		0.6	22.9	17.5	71	<0.1	24.8	12.1	449	3.34	7.0	1.4	<0.5	12.0	28	<0.1	0.2	0.2	45	0.67	0.047
1351854	Soil		0.4	33.1	4.1	86	<0.1	71.1	24.3	785	4.61	3.0	0.3	2.0	1.4	30	<0.1	0.1	<0.1	115	0.82	0.158
1281735	Soil		0.9	24.9	7.7	70	0.2	14.8	12.1	591	3.87	6.7	0.6	1.4	1.7	19	<0.1	0.3	0.1	96	0.25	0.056
1317854	Soil		1.2	41.3	8.2	82	0.1	27.6	13.8	317	3.42	7.5	0.5	2.2	2.8	18	0.2	0.4	0.1	85	0.24	0.033
1265221	Soil		0.9	35.1	8.1	79	0.3	22.0	14.1	337	3.35	4.7	0.5	2.2	1.8	12	<0.1	0.3	0.1	91	0.21	0.040
1265218	Soil		1.1	32.8	9.6	81	<0.1	24.1	20.4	647	4.37	11.3	0.4	2.4	2.4	17	<0.1	0.4	0.1	116	0.30	0.046
1351856	Soil		0.8	29.9	15.1	83	<0.1	21.8	13.0	620	3.98	6.7	0.8	5.1	3.2	30	0.1	0.3	0.2	97	0.52	0.048
1317855	Soil		0.4	20.4	7.2	67	<0.1	13.7	8.5	217	2.34	4.9	0.5	4.4	1.4	15	<0.1	0.2	<0.1	57	0.21	0.040
1351851	Rock Pulp		1.7	22.2	2.6	41	0.3	20.4	9.3	368	2.33	4.2	0.2	0.5	0.9	35	0.2	0.2	<0.1	56	0.73	0.055
1265217	Soil		1.2	37.8	9.9	82	0.3	21.6	17.2	538	3.65	7.5	0.5	1.0	1.7	20	0.2	0.3	0.1	102	0.37	0.045
1351858	Soil		0.7	23.2	9.9	61	0.1	22.8	14.6	424	3.41	4.7	0.4	1.2	4.2	14	<0.1	0.2	0.1	78	0.22	0.028
1317856	Soil		0.8	23.7	8.8	66	0.1	13.9	6.9	160	2.50	5.5	0.4	1.7	0.8	11	<0.1	0.2	0.1	64	0.17	0.038
1265222	Soil		0.9	32.3	6.0	50	0.1	11.6	8.8	392	2.80	3.1	0.3	<0.5	0.9	11	0.1	0.3	0.1	91	0.17	0.035
1265219	Soil		0.8	28.6	6.3	75	0.1	21.2	14.6	384	3.54	4.7	0.4	<0.5	2.0	19	<0.1	0.2	<0.1	103	0.40	0.041
1351860	Soil		0.9	19.8	12.1	68	0.1	29.8	12.1	326	4.14	8.9	0.6	0.8	8.6	14	<0.1	0.4	0.1	58	0.16	0.025
1317857	Soil		0.7	20.7	6.3	58	<0.1	9.1	5.3	131	2.06	3.5	0.4	1.2	1.2	12	<0.1	0.1	<0.1	46	0.21	0.040
1265223	Soil		0.6	32.7	8.7	64	<0.1	23.7	10.8	352	3.16	7.2	0.7	2.6	3.4	26	0.1	0.5	0.1	76	0.36	0.039
1265220	Soil		1.2	25.3	13.4	77	0.3	19.4	12.1	466	3.04	6.3	1.0	5.8	2.7	27	0.3	0.3	0.1	74	0.42	0.051
1351853	Soil		0.7	28.4	9.3	88	0.2	23.0	15.6	974	4.23	5.9	0.4	1.5	1.5	20	0.1	0.2	0.1	119	0.33	0.127
1352692	Soil		3.0	47.1	16.5	68	0.2	103.7	21.0	573	4.28	24.9	0.9	0.9	4.7	26	0.2	0.3	0.2	85	0.19	0.056
1352689	Soil		0.8	23.9	17.4	63	0.2	48.3	7.0	250	3.08	12.2	0.5	0.6	4.9	9	<0.1	0.3	0.2	70	0.09	0.015

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	
1351864	Soil	21	59	0.91	324	0.084	3	1.92	0.012	0.06	0.1	0.04	7.5	<0.1	<0.05	6	<0.5	<0.2
1351855	Soil	8	74	1.60	154	0.157	2	2.96	0.008	0.24	0.4	0.02	7.5	0.3	<0.05	10	<0.5	<0.2
1281732	Soil	9	40	0.70	127	0.104	2	2.08	0.011	0.08	0.2	0.03	3.7	<0.1	<0.05	8	<0.5	<0.2
1281738	Soil	5	37	1.03	133	0.091	2	1.88	0.009	0.07	0.1	0.01	5.3	<0.1	<0.05	8	<0.5	<0.2
1351857	Soil	16	44	0.85	126	0.100	2	1.83	0.008	0.06	0.3	0.02	4.6	<0.1	<0.05	10	<0.5	<0.2
1351852	Soil	11	43	0.97	198	0.128	1	2.20	0.012	0.06	0.2	0.01	6.4	0.1	<0.05	8	<0.5	<0.2
1351859	Soil	22	71	1.50	170	0.201	1	2.66	0.006	0.33	0.2	0.01	4.1	0.3	<0.05	9	<0.5	<0.2
1281741	Soil	9	28	0.91	231	0.149	2	1.73	0.013	0.34	0.2	0.03	6.6	0.2	<0.05	7	<0.5	<0.2
1351861	Soil	21	35	0.70	218	0.088	2	2.00	0.011	0.05	0.2	0.04	5.6	0.1	<0.05	6	<0.5	<0.2
1351862	Soil	28	37	0.71	166	0.127	3	1.81	0.010	0.22	0.1	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1351854	Soil	7	144	2.79	465	0.259	2	2.98	0.011	0.80	0.2	0.02	8.1	0.4	<0.05	11	<0.5	<0.2
1281735	Soil	8	33	0.93	153	0.104	2	2.08	0.009	0.05	0.1	0.05	5.8	0.1	<0.05	8	<0.5	<0.2
1317854	Soil	10	48	0.93	487	0.116	2	2.00	0.013	0.11	0.1	0.02	3.8	<0.1	<0.05	7	<0.5	<0.2
1265221	Soil	7	64	1.13	230	0.140	2	1.97	0.011	0.16	0.1	0.04	4.1	0.1	<0.05	7	<0.5	<0.2
1265218	Soil	11	48	1.31	305	0.122	2	2.41	0.010	0.18	0.1	0.02	7.1	<0.1	<0.05	8	<0.5	<0.2
1351856	Soil	15	43	1.28	269	0.145	2	2.16	0.014	0.17	0.2	0.02	8.0	0.3	<0.05	8	0.5	<0.2
1317855	Soil	7	31	0.72	141	0.081	2	1.42	0.010	0.05	0.2	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
1351851	Rock Pulp	4	28	0.73	88	0.097	2	1.41	0.069	0.12	10.3	0.01	4.3	<0.1	<0.05	5	<0.5	<0.2
1265217	Soil	8	55	1.24	262	0.114	3	2.12	0.012	0.09	0.1	0.03	5.7	<0.1	<0.05	7	<0.5	<0.2
1351858	Soil	10	43	1.10	136	0.119	1	2.25	0.009	0.10	0.2	0.02	4.4	0.1	<0.05	7	<0.5	<0.2
1317856	Soil	6	36	0.66	115	0.075	<1	1.53	0.008	0.04	0.2	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
1265222	Soil	4	20	0.53	277	0.128	<1	1.16	0.014	0.15	<0.1	0.06	2.1	0.1	<0.05	7	<0.5	<0.2
1265219	Soil	9	49	1.31	547	0.132	1	2.18	0.011	0.20	0.1	0.02	5.6	0.1	<0.05	7	<0.5	<0.2
1351860	Soil	12	41	0.90	346	0.114	1	2.67	0.007	0.15	0.1	0.02	3.0	0.1	<0.05	9	<0.5	<0.2
1317857	Soil	6	17	0.54	114	0.083	2	1.26	0.015	0.07	<0.1	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2
1265223	Soil	14	37	0.78	351	0.103	1	1.76	0.014	0.06	0.1	0.04	6.1	<0.1	<0.05	6	<0.5	<0.2
1265220	Soil	34	40	0.83	475	0.102	2	2.07	0.014	0.10	0.1	0.05	5.5	<0.1	<0.05	6	<0.5	<0.2
1351853	Soil	7	47	1.29	240	0.180	1	2.36	0.010	0.30	0.2	0.02	6.0	0.1	<0.05	11	<0.5	<0.2
1352692	Soil	15	157	1.28	275	0.102	1	2.29	0.015	0.22	0.1	0.03	4.6	0.2	0.08	7	0.6	<0.2
1352689	Soil	10	81	0.87	149	0.070	<1	1.74	0.006	0.05	0.1	0.01	3.5	<0.1	<0.05	6	<0.5	<0.2

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
1317861	Soil		0.7	28.1	8.9	82	0.2	20.1	12.7	368	3.24	9.0	0.5	2.9	1.7	18	0.2	0.3	0.1	88	0.28	0.050
1317858	Soil		0.5	21.6	7.9	70	<0.1	16.6	8.9	190	2.69	4.8	0.5	1.8	1.7	17	0.1	0.3	0.1	72	0.29	0.034
1352693	Soil		0.7	55.3	8.6	87	0.1	46.6	11.3	343	3.61	5.0	0.5	0.8	2.0	14	0.2	0.2	<0.1	108	0.14	0.027
1317951	Rock Pulp		2.6	22.7	2.3	41	0.3	21.1	8.9	379	2.38	4.5	0.2	<0.5	0.8	37	0.2	0.3	<0.1	55	0.75	0.055
1317859	Soil		2.4	47.4	10.8	93	0.2	24.2	12.2	370	3.80	11.3	0.8	2.6	2.9	19	0.2	0.3	0.1	119	0.23	0.048
1317862	Soil		0.6	15.3	9.2	86	0.1	18.4	10.7	266	2.87	6.0	0.3	1.6	1.8	18	0.1	0.3	<0.1	86	0.34	0.036
1352691	Soil		1.0	36.0	17.4	74	0.4	72.4	10.5	255	2.69	10.5	1.2	1.6	5.5	21	0.3	0.2	0.1	71	0.32	0.031
1352687	Soil		0.8	29.0	12.4	55	<0.1	39.7	9.8	317	2.72	11.3	1.6	12.2	6.3	18	<0.1	0.5	0.1	67	0.23	0.027
1317865	Soil		0.8	35.8	9.1	73	0.1	18.1	13.4	524	2.89	8.3	0.6	2.8	1.3	14	0.1	0.3	0.1	81	0.21	0.042
1317860	Soil		0.9	46.3	8.4	84	0.1	22.2	14.7	398	3.20	5.7	0.5	3.3	1.6	17	0.2	0.3	<0.1	102	0.33	0.045
1352690	Soil		1.1	30.8	13.2	65	0.1	52.9	11.4	306	2.87	15.4	0.8	1.2	3.3	22	0.1	0.4	0.1	75	0.23	0.019
1317864	Soil		0.6	72.3	4.9	105	<0.1	11.6	23.8	707	4.73	9.1	0.3	2.7	1.0	14	0.1	0.2	<0.1	172	0.34	0.034
1317866	Soil		1.3	33.6	9.0	81	0.1	25.9	12.3	555	2.67	8.0	0.8	2.4	2.0	29	0.3	0.3	<0.1	66	1.00	0.052
1317863	Soil		0.6	76.1	2.8	116	<0.1	41.4	32.3	632	4.26	2.6	0.2	3.4	0.8	12	0.2	<0.1	<0.1	156	0.18	0.011
1352522	Soil		3.4	23.5	14.5	121	0.2	37.1	25.9	1012	3.18	12.3	1.0	1.0	2.7	19	0.4	0.3	0.1	91	0.33	0.064
1393441	Soil		2.4	13.7	18.5	65	0.2	16.9	5.5	131	1.77	4.8	1.0	1.5	2.6	16	<0.1	0.2	0.3	42	0.24	0.040
1352688	Soil		1.0	29.1	10.3	60	0.6	52.4	10.5	226	3.16	14.0	0.4	2.3	2.7	14	0.1	0.4	<0.1	84	0.15	0.022
1352694	Soil		0.9	22.1	20.9	54	0.5	28.8	9.3	239	2.64	7.3	0.7	1.2	2.3	23	0.3	0.3	0.2	74	0.42	0.029
1352523	Soil		1.9	13.6	11.5	72	<0.1	21.1	12.4	378	2.60	7.4	1.0	1.8	4.4	24	<0.1	0.2	0.1	59	0.57	0.055
1352700	Soil		0.8	42.9	13.3	63	0.1	32.4	13.7	307	2.57	5.2	0.7	<0.5	4.5	18	0.1	0.2	<0.1	65	0.30	0.061
1393445	Soil		0.5	20.1	7.2	51	<0.1	19.9	11.7	177	3.08	5.6	0.8	0.6	8.0	14	<0.1	0.2	0.1	77	0.26	0.031
1352697	Soil		1.0	27.3	15.1	76	0.2	59.2	13.9	376	2.78	12.8	0.8	<0.5	4.3	16	0.2	0.3	0.1	71	0.27	0.037
1393446	Soil		0.8	24.1	7.6	61	<0.1	27.7	11.5	222	3.03	4.8	0.6	0.7	4.5	20	<0.1	0.3	0.1	69	0.29	0.016
1393443	Soil		0.7	21.8	7.1	67	<0.1	35.2	16.8	311	3.92	6.7	0.3	0.5	2.0	10	<0.1	0.2	<0.1	100	0.16	0.019
1393442	Soil		1.8	63.4	22.5	72	0.6	32.8	13.6	259	4.11	10.6	2.8	2.1	6.3	28	0.2	0.3	0.2	86	0.39	0.062
1352698	Soil		1.6	33.0	8.3	63	0.3	54.5	9.3	220	2.19	10.8	1.0	<0.5	1.5	17	0.1	0.2	<0.1	56	0.25	0.043
1393444	Soil		0.6	25.3	12.8	70	<0.1	24.0	13.8	282	3.49	5.3	0.6	0.6	5.2	20	<0.1	0.2	<0.1	87	0.42	0.031
1352699	Soil		0.8	23.9	9.1	44	0.4	31.3	5.2	98	1.36	5.4	1.0	1.4	0.9	21	0.1	0.2	<0.1	29	0.28	0.056
1352696	Soil		0.7	35.9	11.3	31	0.2	11.9	4.7	78	1.32	2.9	0.3	1.5	0.7	12	0.2	0.1	0.1	48	0.15	0.031
1352695	Soil		1.1	37.5	10.6	61	0.1	49.8	12.3	278	2.94	7.7	1.1	1.0	3.2	20	0.1	0.3	0.1	71	0.26	0.038



www.acmelab.com

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

Client: **Kinross Gold Corp.**  
 5370 Kietzke Lane.  
 Reno NV 89511 USA

Project: RP  
 Report Date: November 04, 2013

Page: 9 of 11

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
1317861	Soil	8	48	1.03	153	0.090	2	1.94	0.012	0.05	0.1	0.06	6.3	<0.1	<0.05	7	0.6	<0.2
1317858	Soil	7	33	0.88	138	0.126	1	2.00	0.015	0.08	0.1	0.06	4.3	<0.1	<0.05	7	0.7	<0.2
1352693	Soil	6	55	1.27	126	0.112	<1	2.54	0.006	0.07	<0.1	<0.01	4.4	<0.1	<0.05	8	0.8	<0.2
1317951	Rock Pulp	4	28	0.73	87	0.095	2	1.42	0.073	0.12	12.0	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1317859	Soil	11	39	0.94	370	0.149	1	1.95	0.015	0.16	0.1	0.02	4.3	0.1	<0.05	8	0.9	<0.2
1317862	Soil	6	40	1.19	131	0.105	2	1.91	0.013	0.07	0.1	0.03	5.0	<0.1	<0.05	6	<0.5	<0.2
1352691	Soil	17	100	1.06	366	0.110	2	1.60	0.008	0.27	0.1	0.02	4.4	0.2	<0.05	5	<0.5	<0.2
1352687	Soil	25	59	0.73	185	0.086	2	1.72	0.009	0.04	0.2	0.02	6.0	0.1	<0.05	5	<0.5	<0.2
1317865	Soil	7	42	0.76	169	0.078	1	1.87	0.011	0.05	0.1	0.04	4.8	<0.1	<0.05	6	<0.5	<0.2
1317860	Soil	7	37	0.98	205	0.154	2	1.93	0.015	0.12	0.1	0.02	4.7	0.1	<0.05	7	<0.5	<0.2
1352690	Soil	10	72	0.91	174	0.095	1	1.71	0.008	0.05	0.1	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1317864	Soil	3	21	1.95	554	0.181	1	2.81	0.018	0.68	<0.1	<0.01	10.8	0.2	<0.05	9	<0.5	<0.2
1317866	Soil	10	54	0.88	234	0.082	2	1.51	0.016	0.07	0.1	0.03	4.7	<0.1	0.07	5	<0.5	<0.2
1317863	Soil	11	161	3.21	574	0.168	<1	3.22	0.015	0.79	0.1	<0.01	7.0	0.4	<0.05	10	<0.5	<0.2
1352522	Soil	12	58	0.94	144	0.099	2	1.91	0.011	0.05	0.1	0.03	4.2	0.1	<0.05	7	<0.5	<0.2
1393441	Soil	14	34	0.49	92	0.056	2	1.44	0.009	0.04	0.1	0.04	2.8	<0.1	<0.05	6	0.5	<0.2
1352688	Soil	8	71	0.82	200	0.108	1	1.99	0.007	0.10	0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
1352694	Soil	11	37	0.50	208	0.060	1	1.93	0.013	0.03	0.1	0.04	3.6	0.1	<0.05	7	<0.5	<0.2
1352523	Soil	15	30	0.67	249	0.102	1	1.57	0.015	0.05	0.1	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1352700	Soil	11	47	0.99	208	0.100	1	1.53	0.009	0.19	0.1	0.02	2.9	0.2	<0.05	4	<0.5	<0.2
1393445	Soil	24	30	0.80	178	0.144	<1	1.99	0.010	0.18	0.1	<0.01	4.3	0.1	<0.05	7	<0.5	<0.2
1352697	Soil	12	83	1.00	207	0.103	1	1.83	0.008	0.15	0.1	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1393446	Soil	14	57	0.94	160	0.165	<1	2.00	0.017	0.20	<0.1	<0.01	3.9	0.2	<0.05	6	<0.5	<0.2
1393443	Soil	5	107	1.64	198	0.258	<1	3.36	0.009	0.35	0.1	0.01	4.1	0.2	<0.05	9	<0.5	<0.2
1393442	Soil	60	59	0.85	292	0.122	2	3.30	0.015	0.15	0.2	0.06	6.7	0.2	<0.05	10	<0.5	<0.2
1352698	Soil	11	69	0.72	226	0.068	1	1.22	0.010	0.14	<0.1	0.03	3.6	0.1	<0.05	4	<0.5	<0.2
1393444	Soil	18	54	1.24	198	0.207	1	2.34	0.010	0.30	0.2	<0.01	5.1	0.2	<0.05	7	<0.5	<0.2
1352699	Soil	11	40	0.50	188	0.046	1	1.25	0.009	0.04	<0.1	0.06	3.1	<0.1	0.09	4	<0.5	<0.2
1352696	Soil	6	24	0.33	144	0.068	<1	0.98	0.014	0.05	<0.1	0.04	1.7	0.1	<0.05	5	<0.5	<0.2
1352695	Soil	14	82	0.94	253	0.107	1	2.02	0.011	0.08	0.1	0.03	4.5	0.2	<0.05	6	0.6	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

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

Client: **Kinross Gold Corp.**  
 5370 Kietzke Lane.  
 Reno NV 89511 USA

Project: RP  
 Report Date: November 04, 2013

Page: 10 of 11

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

# WHI13000516.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1352508	Soil		1.0	26.9	18.6	65	0.2	22.0	11.9	414	3.10	6.8	0.8	2.7	5.8	24	0.1	0.3	0.1	79	0.40	0.022
1352519	Soil		1.8	31.1	8.2	76	0.1	34.5	13.4	678	2.59	8.8	1.1	2.0	1.5	37	0.4	0.3	<0.1	71	1.41	0.083
1352515	Soil		1.0	22.5	12.5	65	0.1	21.8	10.2	276	3.12	8.0	0.7	7.4	3.2	24	0.1	0.5	0.1	80	0.40	0.052
1352503	Soil		1.2	14.6	65.5	99	0.4	9.8	6.0	503	2.05	3.3	2.3	2.1	4.9	11	0.2	0.4	0.6	54	0.15	0.037
1352509	Soil		1.0	34.0	7.3	79	0.1	14.7	13.8	686	4.31	10.6	0.8	1.0	2.8	26	0.1	0.3	<0.1	82	0.42	0.066
1352505	Soil		0.9	119.1	8.8	74	0.2	27.0	15.4	781	3.66	5.0	1.2	<0.5	3.0	33	0.4	0.3	<0.1	89	0.56	0.037
1352516	Soil		1.5	17.9	11.4	54	<0.1	15.9	7.2	273	2.90	10.0	0.4	1.9	2.1	17	<0.1	0.5	0.2	82	0.27	0.023
1352504	Soil		0.6	14.5	34.2	59	0.4	8.1	4.0	115	1.28	1.6	2.7	1.2	2.2	18	0.2	0.2	0.3	30	0.24	0.048
1352510	Soil		0.5	22.9	8.9	52	<0.1	21.7	10.0	279	2.74	6.3	0.7	1.6	3.2	27	<0.1	0.4	<0.1	66	0.36	0.023
1352506	Soil		0.9	24.7	23.6	61	0.3	19.6	9.7	289	2.67	6.2	1.6	2.1	6.4	25	0.1	0.4	0.3	68	0.38	0.026
1352520	Soil		2.0	27.4	11.7	72	0.1	29.6	12.5	354	3.08	10.5	0.6	<0.5	3.0	17	0.2	0.3	0.1	85	0.30	0.044
1352518	Soil		0.5	16.1	9.3	60	<0.1	19.2	9.6	217	2.62	5.8	0.9	2.8	4.9	20	<0.1	0.3	0.1	56	0.29	0.050
1352511	Soil		0.8	22.7	6.2	60	<0.1	22.5	12.4	309	3.21	5.5	0.6	3.7	3.1	24	<0.1	0.3	<0.1	74	0.32	0.030
1352507	Soil		1.3	29.5	33.0	67	0.4	17.7	8.6	235	2.72	5.8	2.4	1.8	6.8	24	<0.1	0.5	0.4	74	0.40	0.018
1352517	Soil		0.6	21.0	7.5	63	0.2	15.7	9.0	311	2.26	4.3	0.9	2.8	1.3	27	0.2	0.3	0.1	50	0.45	0.062
1352521	Soil		1.8	49.0	9.4	84	0.3	43.5	13.4	523	2.52	10.8	2.2	3.1	2.1	34	0.5	0.5	0.1	68	1.39	0.073
1352612	Soil		0.8	44.0	9.5	53	0.2	22.8	14.7	394	2.66	5.5	1.2	2.6	3.2	32	<0.1	0.4	<0.1	68	0.59	0.077
1352603	Soil		0.8	22.2	8.7	56	0.1	33.5	10.4	164	2.50	5.4	2.0	1.2	4.5	28	<0.1	0.2	0.2	43	0.53	0.056
1352606	Soil		0.8	32.0	10.5	105	<0.1	47.6	19.1	234	3.53	6.0	0.9	0.8	8.8	17	<0.1	0.2	0.1	61	0.32	0.070
1352512	Soil		0.6	15.9	10.0	49	0.2	14.2	6.9	150	2.20	4.1	0.5	2.9	1.6	18	<0.1	0.2	<0.1	53	0.29	0.044
1352605	Soil		1.0	30.6	16.3	132	<0.1	72.7	19.1	287	3.98	7.9	0.7	1.0	5.4	21	0.1	0.2	0.1	79	0.30	0.069
1352601	Rock Pulp		2.2	24.5	2.4	44	0.3	23.5	9.8	376	2.27	4.8	0.2	<0.5	0.9	33	0.2	0.2	<0.1	60	0.79	0.058
1352602	Soil		0.9	23.5	11.3	80	0.1	25.0	16.1	389	2.80	8.4	1.7	1.9	6.7	24	0.1	0.4	0.1	47	0.46	0.055
1352513	Soil		0.4	15.0	10.6	46	0.2	15.0	6.6	132	1.94	2.7	0.8	2.2	2.1	23	<0.1	0.2	<0.1	38	0.45	0.037
1352611	Soil		0.6	32.5	7.2	57	0.1	25.1	10.9	411	2.42	7.2	0.8	3.6	2.9	44	0.2	0.7	<0.1	60	0.99	0.063
1352609	Soil		0.7	23.5	14.6	56	<0.1	29.4	13.8	237	2.55	3.5	0.7	<0.5	5.6	28	<0.1	0.1	<0.1	59	0.34	0.057
1352607	Soil		0.5	37.2	13.8	96	<0.1	44.5	16.4	271	3.51	5.8	1.0	1.9	10.4	43	0.1	0.2	<0.1	50	0.37	0.035
1352514	Soil		1.0	30.6	8.1	80	0.2	17.1	11.9	331	3.21	6.0	0.7	4.1	2.3	21	<0.1	0.2	0.2	82	0.28	0.053
1352610	Soil		1.0	34.5	8.5	68	0.1	28.2	11.7	436	2.55	9.1	0.6	5.1	3.4	51	0.3	0.7	0.1	62	1.39	0.075
1352608	Soil		1.0	31.0	11.0	60	0.1	26.2	10.7	369	2.63	9.6	1.0	7.3	6.1	27	<0.1	0.5	<0.1	65	0.39	0.034

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

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

Client: **Kinross Gold Corp.**  
 5370 Kietzke Lane.  
 Reno NV 89511 USA

Project: RP  
 Report Date: November 04, 2013

Page: 10 of 11

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	
1352508	Soil	17	39	0.83	231	0.137	1	1.93	0.015	0.09	0.2	<0.01	5.0	0.1	<0.05	7	<0.5	<0.2
1352519	Soil	16	49	0.75	866	0.066	2	1.55	0.017	0.04	0.1	0.05	4.0	<0.1	0.06	5	0.6	<0.2
1352515	Soil	12	42	0.70	245	0.108	1	1.98	0.018	0.05	0.2	0.03	5.9	<0.1	<0.05	6	<0.5	<0.2
1352503	Soil	16	19	0.30	74	0.077	2	1.21	0.020	0.05	0.3	0.07	2.5	0.2	<0.05	6	<0.5	<0.2
1352509	Soil	8	34	0.96	283	0.100	<1	2.73	0.012	0.07	0.2	0.02	9.0	<0.1	<0.05	9	<0.5	<0.2
1352505	Soil	11	81	1.01	335	0.141	1	2.14	0.019	0.30	0.6	0.02	8.1	0.1	<0.05	7	<0.5	<0.2
1352516	Soil	9	28	0.57	150	0.107	1	1.79	0.011	0.05	0.1	0.02	4.3	<0.1	<0.05	7	<0.5	<0.2
1352504	Soil	17	21	0.35	142	0.069	2	1.06	0.013	0.06	0.4	0.07	3.4	0.2	0.06	5	<0.5	<0.2
1352510	Soil	14	42	0.69	248	0.107	<1	1.75	0.015	0.03	0.1	0.01	7.0	<0.1	<0.05	5	<0.5	<0.2
1352506	Soil	27	38	0.66	218	0.104	1	1.80	0.018	0.06	0.4	0.03	5.2	0.1	<0.05	6	<0.5	<0.2
1352520	Soil	13	51	0.78	1039	0.096	1	2.02	0.011	0.09	<0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
1352518	Soil	17	40	0.67	207	0.088	1	1.76	0.013	0.05	0.1	0.04	3.9	0.1	<0.05	6	<0.5	<0.2
1352511	Soil	10	55	1.14	181	0.156	2	2.12	0.015	0.06	0.2	0.02	6.1	<0.1	<0.05	7	<0.5	<0.2
1352507	Soil	31	36	0.62	233	0.117	2	1.81	0.016	0.08	0.5	0.02	4.9	0.2	<0.05	7	<0.5	<0.2
1352517	Soil	13	28	0.62	282	0.068	2	1.70	0.014	0.04	0.1	0.08	4.9	<0.1	<0.05	6	<0.5	<0.2
1352521	Soil	19	40	0.64	629	0.064	2	1.68	0.017	0.05	0.1	0.05	4.6	0.1	<0.05	5	0.7	<0.2
1352612	Soil	11	41	0.84	336	0.096	2	1.66	0.014	0.06	0.1	0.06	4.6	0.1	<0.05	5	<0.5	<0.2
1352603	Soil	29	44	0.65	141	0.101	2	1.60	0.011	0.15	0.1	0.05	3.6	0.2	0.05	6	<0.5	<0.2
1352606	Soil	19	51	0.98	124	0.145	<1	2.23	0.009	0.39	<0.1	0.02	3.4	0.3	<0.05	6	<0.5	<0.2
1352512	Soil	7	35	0.71	134	0.112	2	1.53	0.014	0.06	0.2	0.06	4.4	<0.1	0.06	6	<0.5	<0.2
1352605	Soil	19	72	1.05	122	0.189	2	2.12	0.008	0.42	0.1	0.01	3.4	0.3	<0.05	8	<0.5	<0.2
1352601	Rock Pulp	4	30	0.76	92	0.114	3	1.49	0.077	0.12	12.3	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
1352602	Soil	23	32	0.63	129	0.098	2	1.57	0.014	0.11	<0.1	0.05	3.6	0.2	0.06	4	<0.5	<0.2
1352513	Soil	11	30	0.60	124	0.093	1	1.43	0.012	0.04	0.2	0.04	3.5	<0.1	0.06	6	<0.5	<0.2
1352611	Soil	13	29	0.63	232	0.094	3	1.47	0.049	0.07	0.2	0.03	4.5	<0.1	<0.05	4	<0.5	<0.2
1352609	Soil	13	59	1.20	382	0.122	1	2.03	0.008	0.23	<0.1	<0.01	2.7	0.1	<0.05	6	<0.5	<0.2
1352607	Soil	29	55	1.23	166	0.144	<1	2.48	0.004	0.36	<0.1	0.01	3.2	0.4	<0.05	6	<0.5	<0.2
1352514	Soil	10	39	0.98	248	0.133	1	2.16	0.013	0.10	0.1	0.04	6.3	0.1	<0.05	8	<0.5	<0.2
1352610	Soil	13	30	0.82	283	0.104	3	1.44	0.045	0.10	0.2	0.02	4.5	<0.1	<0.05	4	0.7	<0.2
1352608	Soil	20	38	0.61	229	0.093	1	1.79	0.017	0.07	0.1	0.03	5.1	<0.1	<0.05	5	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

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

Client: **Kinross Gold Corp.**  
 5370 Kietzke Lane.  
 Reno NV 89511 USA

Project: RP  
 Report Date: November 04, 2013

Page: 11 of 11

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1389900	Soil	1.4	13.8	12.1	61	<0.1	18.4	11.8	477	2.47	8.2	0.6	2.9	2.8	17	<0.1	0.2	0.1	70	0.30	0.042	
1352604	Soil	0.9	35.2	12.0	60	0.2	32.5	13.3	269	3.26	9.4	2.1	1.4	8.5	21	<0.1	0.4	0.2	68	0.35	0.032	
1352618	Soil	0.3	25.7	8.2	52	<0.1	35.8	18.6	223	3.01	3.7	0.6	<0.5	4.3	32	<0.1	0.2	<0.1	70	0.50	0.099	
1352620	Soil	0.4	54.5	14.1	54	0.2	28.6	11.2	553	2.22	5.7	0.7	4.0	6.6	40	0.2	0.3	<0.1	45	1.47	0.077	
1352617	Soil	0.4	17.2	18.3	28	<0.1	15.5	6.7	248	1.51	4.9	1.1	1.0	10.8	16	<0.1	0.3	0.1	38	0.24	0.015	
1352614	Soil	0.7	48.1	4.7	35	0.2	20.6	10.5	168	2.29	4.4	0.2	2.3	1.1	15	<0.1	0.2	<0.1	64	0.25	0.029	
1352615	Soil	0.5	128.2	2.9	71	0.1	18.7	17.5	272	3.52	2.6	0.2	4.4	0.6	19	<0.1	<0.1	<0.1	114	0.51	0.105	
1352621	Soil	0.2	25.7	21.2	45	<0.1	31.1	16.5	217	2.35	3.1	0.3	<0.5	3.9	25	<0.1	0.1	<0.1	58	0.39	0.058	
1352619	Soil	0.5	60.2	8.4	41	<0.1	24.2	11.2	282	2.34	6.0	0.5	2.1	3.4	26	<0.1	0.4	<0.1	63	0.47	0.042	
1352616	Soil	0.4	58.9	2.9	49	<0.1	24.7	15.0	538	2.57	4.7	0.4	<0.5	3.6	18	<0.1	0.2	<0.1	67	0.35	0.052	
1352613	Soil	0.4	115.9	6.6	52	0.2	31.1	14.5	256	2.58	3.7	0.8	1.5	2.7	34	0.1	0.3	<0.1	73	0.83	0.050	

# CERTIFICATE OF ANALYSIS

WHI13000516.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1389900	Soil	11	31	0.61	83	0.100	2	1.56	0.011	0.06	0.2	0.03	3.0	<0.1	0.05	6	<0.5	<0.2
1352604	Soil	45	45	0.69	180	0.108	1	2.32	0.013	0.10	<0.1	0.04	5.6	0.2	<0.05	6	<0.5	<0.2
1352618	Soil	10	73	1.74	559	0.141	<1	2.06	0.007	0.52	<0.1	<0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1352620	Soil	19	35	1.04	358	0.094	2	1.28	0.023	0.21	0.2	0.05	4.0	0.2	<0.05	4	<0.5	<0.2
1352617	Soil	17	23	0.34	314	0.058	<1	1.15	0.013	0.09	<0.1	0.02	3.4	<0.1	<0.05	3	<0.5	<0.2
1352614	Soil	5	41	0.79	198	0.109	<1	1.51	0.014	0.09	0.1	0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
1352615	Soil	2	16	1.60	237	0.122	<1	2.00	0.016	0.40	<0.1	0.01	3.7	0.1	<0.05	7	<0.5	<0.2
1352621	Soil	8	70	1.40	609	0.158	<1	1.82	0.008	0.54	0.1	<0.01	2.2	0.2	<0.05	4	<0.5	<0.2
1352619	Soil	11	33	0.75	334	0.100	<1	1.47	0.020	0.10	0.1	0.02	4.5	<0.1	<0.05	4	<0.5	<0.2
1352616	Soil	7	41	1.67	553	0.144	<1	1.98	0.007	0.58	<0.1	<0.01	2.2	0.2	<0.05	5	<0.5	<0.2
1352613	Soil	9	55	0.98	477	0.115	2	1.76	0.018	0.25	<0.1	0.04	4.8	0.1	<0.05	5	<0.5	<0.2



# QUALITY CONTROL REPORT

WHI13000516.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
1392102	Soil	0.7	25.2	9.0	73	<0.1	18.9	9.2	378	2.72	7.0	0.7	5.1	3.3	29	0.3	0.4	0.1	56	0.47	0.073
REP 1392102	QC	0.8	24.2	9.1	72	0.1	19.8	9.2	383	2.70	6.9	0.8	2.7	3.4	30	0.3	0.4	0.1	55	0.47	0.073
1298276	Soil	0.8	47.9	7.5	62	0.1	14.8	15.7	359	4.29	5.5	0.3	<0.5	1.3	27	<0.1	0.2	<0.1	140	0.36	0.031
REP 1298276	QC	0.8	46.5	7.3	60	0.1	14.9	15.5	349	4.14	5.1	0.2	1.1	1.3	26	<0.1	0.2	<0.1	139	0.37	0.031
1399688	Soil	1.1	35.7	5.9	95	0.1	10.8	11.0	455	3.47	4.9	1.1	7.7	3.7	26	0.1	0.2	<0.1	84	0.55	0.040
REP 1399688	QC	1.2	34.6	5.6	91	0.2	10.6	11.3	444	3.35	5.0	1.0	1.4	3.6	25	0.1	0.2	<0.1	82	0.53	0.039
1399624	Soil	0.6	23.9	8.9	65	<0.1	20.2	10.0	336	3.05	7.5	1.0	10.2	8.0	41	<0.1	0.2	0.1	57	0.56	0.066
REP 1399624	QC	0.5	24.4	9.0	65	<0.1	18.9	10.1	336	3.11	6.9	1.1	1.4	7.9	42	<0.1	0.2	0.1	58	0.56	0.066
1281736	Soil	1.0	27.7	8.6	73	0.2	12.5	8.7	339	3.42	5.0	0.3	<0.5	0.8	18	0.2	0.3	0.2	103	0.15	0.042
REP 1281736	QC	1.1	26.2	8.1	68	0.2	12.1	8.6	328	3.25	5.1	0.3	1.2	0.8	17	0.1	0.2	0.2	101	0.14	0.041
1265219	Soil	0.8	28.6	6.3	75	0.1	21.2	14.6	384	3.54	4.7	0.4	<0.5	2.0	19	<0.1	0.2	<0.1	103	0.40	0.041
REP 1265219	QC	0.9	28.7	6.5	74	0.1	21.4	14.9	382	3.56	5.5	0.5	2.4	2.0	19	0.1	0.2	<0.1	104	0.42	0.041
1352689	Soil	0.8	23.9	17.4	63	0.2	48.3	7.0	250	3.08	12.2	0.5	0.6	4.9	9	<0.1	0.3	0.2	70	0.09	0.015
REP 1352689	QC	0.8	24.4	17.7	62	0.2	52.0	7.5	267	3.13	12.6	0.5	0.7	5.1	9	<0.1	0.3	0.2	74	0.10	0.015
1352503	Soil	1.2	14.6	65.5	99	0.4	9.8	6.0	503	2.05	3.3	2.3	2.1	4.9	11	0.2	0.4	0.6	54	0.15	0.037
REP 1352503	QC	1.2	14.7	64.6	96	0.4	10.6	6.1	516	2.09	3.7	2.3	<0.5	4.9	10	0.3	0.3	0.6	55	0.15	0.037
1352620	Soil	0.4	54.5	14.1	54	0.2	28.6	11.2	553	2.22	5.7	0.7	4.0	6.6	40	0.2	0.3	<0.1	45	1.47	0.077
REP 1352620	QC	0.3	56.2	15.0	56	0.2	28.6	10.8	533	2.16	5.6	0.8	4.2	6.8	40	<0.1	0.3	<0.1	45	1.46	0.078
Reference Materials																					
STD DS10	Standard	14.2	146.5	148.6	351	1.9	69.4	12.1	828	2.83	44.1	2.5	97.7	7.5	65	2.2	9.5	11.8	41	1.05	0.076
STD DS10	Standard	13.7	146.1	145.3	329	2.0	71.6	12.3	829	2.61	42.6	2.5	87.4	7.0	55	2.5	9.5	9.1	43	1.01	0.068
STD DS10	Standard	15.1	152.1	150.1	342	2.0	72.0	12.6	838	2.61	44.2	2.6	96.6	7.5	56	2.3	9.9	9.1	45	1.04	0.072
STD DS10	Standard	14.4	154.0	150.1	351	2.0	72.8	12.9	839	2.61	43.8	2.6	89.7	7.4	56	2.3	9.5	9.1	44	1.04	0.071
STD DS10	Standard	14.3	152.7	152.0	368	1.9	75.2	13.1	893	2.95	46.6	2.5	120.7	7.4	71	2.5	9.4	12.3	43	1.07	0.078
STD DS10	Standard	14.6	153.8	152.4	355	2.0	72.9	12.8	878	2.81	44.2	2.5	83.9	7.5	64	2.5	8.9	11.8	43	1.04	0.071
STD DS10	Standard	14.5	146.5	148.9	355	1.9	73.3	12.8	843	2.76	42.5	2.4	106.3	7.1	65	2.3	8.1	11.5	43	1.01	0.076
STD DS10	Standard	14.8	156.0	137.1	345	2.1	73.7	13.2	864	2.70	42.5	2.3	70.4	6.5	57	2.6	7.1	10.3	45	1.01	0.072
STD OXC109	Standard	1.4	35.6	10.8	39	<0.1	71.6	18.9	402	2.93	1.0	0.5	205.2	1.4	145	<0.1	<0.1	<0.1	44	0.73	0.105



www.acmelab.com

**Client: Kinross Gold Corp.**  
5370 Kietzke Lane.  
Reno NV 89511 USA

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

Project: RP  
Report Date: November 04, 2013

Page: 1 of 2

Part: 2 of 2

# QUALITY CONTROL REPORT

WHI13000516.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
1392102	Soil	15	27	0.58	242	0.077	2	1.45	0.020	0.07	0.2	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
REP 1392102	QC	14	27	0.59	246	0.077	2	1.43	0.021	0.07	0.2	0.03	4.4	<0.1	<0.05	4	<0.5	<0.2
1298276	Soil	5	24	1.56	283	0.200	<1	2.60	0.013	0.36	0.1	<0.01	6.9	0.1	<0.05	9	<0.5	<0.2
REP 1298276	QC	4	24	1.56	276	0.194	<1	2.51	0.013	0.34	<0.1	<0.01	6.3	0.1	<0.05	9	<0.5	<0.2
1399688	Soil	10	24	0.88	242	0.131	<1	1.95	0.014	0.26	<0.1	0.02	6.3	0.1	<0.05	7	<0.5	<0.2
REP 1399688	QC	10	23	0.86	238	0.128	1	1.99	0.014	0.26	0.1	0.03	6.5	<0.1	<0.05	7	<0.5	<0.2
1399624	Soil	23	35	0.85	191	0.119	<1	1.87	0.015	0.34	0.2	0.02	5.1	0.1	<0.05	6	<0.5	<0.2
REP 1399624	QC	23	34	0.81	191	0.120	<1	1.82	0.014	0.32	0.1	0.03	5.4	0.2	<0.05	7	<0.5	<0.2
1281736	Soil	6	28	0.98	100	0.134	<1	1.82	0.011	0.06	0.2	0.02	4.4	<0.1	<0.05	10	<0.5	<0.2
REP 1281736	QC	6	28	0.94	96	0.130	<1	1.76	0.011	0.05	0.1	0.02	4.3	<0.1	<0.05	10	<0.5	<0.2
1265219	Soil	9	49	1.31	547	0.132	1	2.18	0.011	0.20	0.1	0.02	5.6	0.1	<0.05	7	<0.5	<0.2
REP 1265219	QC	10	49	1.32	540	0.138	7	2.22	0.013	0.22	0.1	0.02	5.7	0.1	<0.05	7	<0.5	<0.2
1352689	Soil	10	81	0.87	149	0.070	<1	1.74	0.006	0.05	0.1	0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
REP 1352689	QC	10	86	0.93	154	0.074	<1	1.79	0.006	0.05	0.1	<0.01	3.7	<0.1	<0.05	6	<0.5	<0.2
1352503	Soil	16	19	0.30	74	0.077	2	1.21	0.020	0.05	0.3	0.07	2.5	0.2	<0.05	6	<0.5	<0.2
REP 1352503	QC	16	19	0.31	76	0.078	<1	1.22	0.021	0.05	0.3	0.09	2.5	0.2	<0.05	6	<0.5	<0.2
1352620	Soil	19	35	1.04	358	0.094	2	1.28	0.023	0.21	0.2	0.05	4.0	0.2	<0.05	4	<0.5	<0.2
REP 1352620	QC	19	33	1.04	362	0.091	2	1.33	0.023	0.21	0.1	0.06	3.8	0.2	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	18	54	0.74	349	0.077	7	1.10	0.058	0.33	3.4	0.31	3.1	5.0	0.24	4	2.0	5.6
STD DS10	Standard	17	53	0.73	337	0.075	6	0.97	0.064	0.32	3.2	0.29	3.0	4.8	0.28	4	1.6	4.7
STD DS10	Standard	18	55	0.75	366	0.083	6	1.02	0.067	0.33	3.2	0.28	2.9	4.8	0.29	4	2.1	4.4
STD DS10	Standard	17	55	0.75	351	0.078	7	0.99	0.062	0.35	3.2	0.28	2.7	4.8	0.28	4	2.4	5.2
STD DS10	Standard	17	56	0.76	353	0.078	4	1.04	0.056	0.33	3.4	0.27	3.2	5.0	0.28	4	1.8	4.5
STD DS10	Standard	17	54	0.78	358	0.077	7	0.98	0.065	0.33	3.3	0.27	3.0	5.0	0.26	4	2.8	5.2
STD DS10	Standard	17	54	0.77	340	0.074	8	1.02	0.062	0.33	3.2	0.26	2.8	4.8	0.25	4	2.5	5.2
STD DS10	Standard	16	55	0.76	352	0.066	7	1.00	0.058	0.33	3.4	0.30	2.8	4.9	0.24	4	2.2	4.8
STD OXC109	Standard	12	58	1.48	57	0.358	2	1.54	0.697	0.42	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

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

Client: **Kinross Gold Corp.**  
 5370 Kietzke Lane.  
 Reno NV 89511 USA

Project: RP  
 Report Date: November 04, 2013

Page: 2 of 2

Part: 1 of 2

# QUALITY CONTROL REPORT

WHI13000516.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
STD OXC109	Standard	1.4	34.8	10.3	40	<0.1	65.8	18.3	368	2.59	<0.5	0.5	200.3	1.3	117	<0.1	<0.1	<0.1	45	0.65	0.099
STD OXC109	Standard	1.6	36.4	11.0	42	<0.1	72.8	19.4	404	2.83	0.7	0.6	215.8	1.4	121	<0.1	<0.1	<0.1	49	0.70	0.102
STD OXC109	Standard	1.4	35.5	10.7	41	<0.1	72.3	19.2	422	2.82	<0.5	0.5	196.8	1.4	120	<0.1	<0.1	<0.1	50	0.66	0.100
STD OXC109	Standard	1.7	34.8	10.8	38	<0.1	68.1	19.0	416	3.01	<0.5	0.5	200.0	1.4	145	<0.1	<0.1	<0.1	47	0.65	0.107
STD OXC109	Standard	1.6	35.4	10.8	38	<0.1	70.5	18.6	406	2.99	1.0	0.6	221.9	1.4	140	<0.1	<0.1	<0.1	49	0.69	0.101
STD OXC109	Standard	1.4	33.9	10.7	37	<0.1	72.2	18.7	395	2.87	0.6	0.6	207.2	1.4	133	<0.1	<0.1	<0.1	48	0.64	0.101
STD OXC109	Standard	1.5	34.5	10.6	38	<0.1	69.7	18.3	397	2.87	0.7	0.6	212.6	1.4	129	<0.1	<0.1	<0.1	45	0.62	0.100
STD OXC109	Standard	1.5	35.6	9.8	41	<0.1	73.7	20.5	417	2.90	<0.5	0.5	215.1	1.3	121	<0.1	<0.1	<0.1	50	0.66	0.104
STD DS10 Expected		14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	2.59	91.9	7.5	67.1	2.48	9.51	11.65	43	1.0355	0.073
STD OXC109 Expected		201																			
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	0.6	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	0.4	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	3	<0.01	<0.001

## QUALITY CONTROL REPORT

WHI13000516.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD OXC109	Standard	11	54	1.37	51	0.349	1	1.37	0.653	0.37	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	60	1.41	56	0.382	1	1.48	0.662	0.39	0.2	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	60	1.43	52	0.370	2	1.45	0.668	0.39	0.2	<0.01	1.2	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	57	1.43	55	0.360	<1	1.48	0.665	0.40	0.2	<0.01	0.8	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	57	1.42	57	0.368	<1	1.50	0.687	0.40	0.2	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	56	1.44	54	0.368	2	1.39	0.617	0.41	0.2	<0.01	0.9	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	56	1.37	52	0.350	2	1.39	0.620	0.40	0.2	<0.01	0.9	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	62	1.47	55	0.322	2	1.50	0.696	0.41	0.2	<0.01	1.2	<0.1	<0.05	5	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
STD OXC109 Expected																		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

Appendix 6: Statement of Expenditures, Application,  
Sample Count/Claims

**Kinross Gold Corp. / Selene Holdings L.P.**  
**Dawson Mining District**  
**R.P. Group: HD03322**  
**Statement of Expenditure**

R.P. Claims	Cost	Invoice No.	Date	No. Samples
Acme Assays	\$6,131.06	VAN181356	11/04/2013	276
Ground Truth	\$11,006.49	GT-WHT2013-02	10/27/2013	
Trans North Helicopter	\$20,085.19	2035	10/15/2013	
TOTAL	\$37,222.74			

I, Jean-Pierre Londero  
\_\_\_\_\_.  
\_\_\_\_\_.  
of Whitehorse, Yukon  
\_\_\_\_\_.  
Phone (867) 393-2266  
\_\_\_\_\_.  
make oath and say that:

Office Date Stamp

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
2. I have done, or caused to be done, work, on the following mineral claim(s): (Here list claims on which work was actually done by number and name)

See attached list RP Group: 336 claims

Work was done on 123 claims: see attached list

situated at West of the Yukon River Claim sheet No. 115005 and 115N08

in the Dawson Mining District, to the value of at least \$37,222.74 dollars,

since the 2 day of October 2013,

to represent the following mineral claims under the authority of Grouping Certificate No. HD033322.  
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

see attached list R.P. Group: 336 claims

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 56).

Analytical Assays: Acme Lab.

Soil Geochem Survey: Ground Thruth Exploration, Dawson

Transport: Trans North Helicopter, Dawson

Sworn before me at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Owner or Authorized Agent

## Kinross Gold Corp. / Selene Holdings. L.P.

Dawson Mining District

R.P. Group: HD03322

Claim Name / Sample Count

Index	Claim	Count of Samples per Claim
1	YC97021	1
2	YC97023	2
3	YC97025	3
4	YC97027	2
5	YC97029	2
6	YC97031	1
7	YC97032	1
8	YC97033	3
9	YC97035	1
10	YC97036	1
11	YC97038	2
12	YC97040	2
13	YC97047	3
14	YC97049	2
15	YC97051	2
16	YC97053	3
17	YC97055	2
18	YC97057	2
19	YC97059	3
20	YC97061	3
21	YC97063	2
22	YC97065	2
23	YC97067	3
24	YC97069	3
25	YC97071	2
26	YC97073	2
27	YC97075	3
28	YC97077	2
29	YC97079	2
30	YC97081	2
31	YC97089	3
32	YC97091	2
33	YC97093	2
34	YC97095	3
35	YC97097	2
36	YC97099	2
37	YC97101	2
38	YC97103	3
39	YC97105	2
40	YC97107	2
41	YC97109	2
42	YC97111	3
43	YC97113	2



## Kinross Gold Corp. / Selene Holdings. L.P.

Dawson Mining District

R.P. Group: HD03322

Claim Name / Sample Count

Index	Claim	Count of Samples per Claim
44	YC97115	2
45	YC97117	3
46	YC97119	2
47	YC97121	2
48	YC97123	2
49	YC97130	2
50	YC97132	3
51	YC97134	2
52	YC97136	2
53	YC97137	3
54	YC97138	3
55	YC97139	2
56	YC97140	1
57	YC97141	2
58	YC97143	2
59	YC97145	3
60	YC97147	2
61	YC97149	2
62	YC97151	3
63	YC97153	2
64	YC97155	2
65	YC97157	2
66	YC97159	2
67	YC97200	2
68	YC97202	3
69	YC97204	2
70	YC97206	2
71	YC97208	3
72	YC97210	1
73	YC97216	3
74	YC97218	2
75	YC97220	2
76	YC97222	3
77	YC97224	2
78	YC97226	2
79	YC97228	2
80	YC97229	3
81	YC97232	2
82	YC97234	2
83	YC97236	3
84	YC97238	2
85	YC97240	2
86	YC97242	2

## Kinross Gold Corp. / Selene Holdings. L.P.

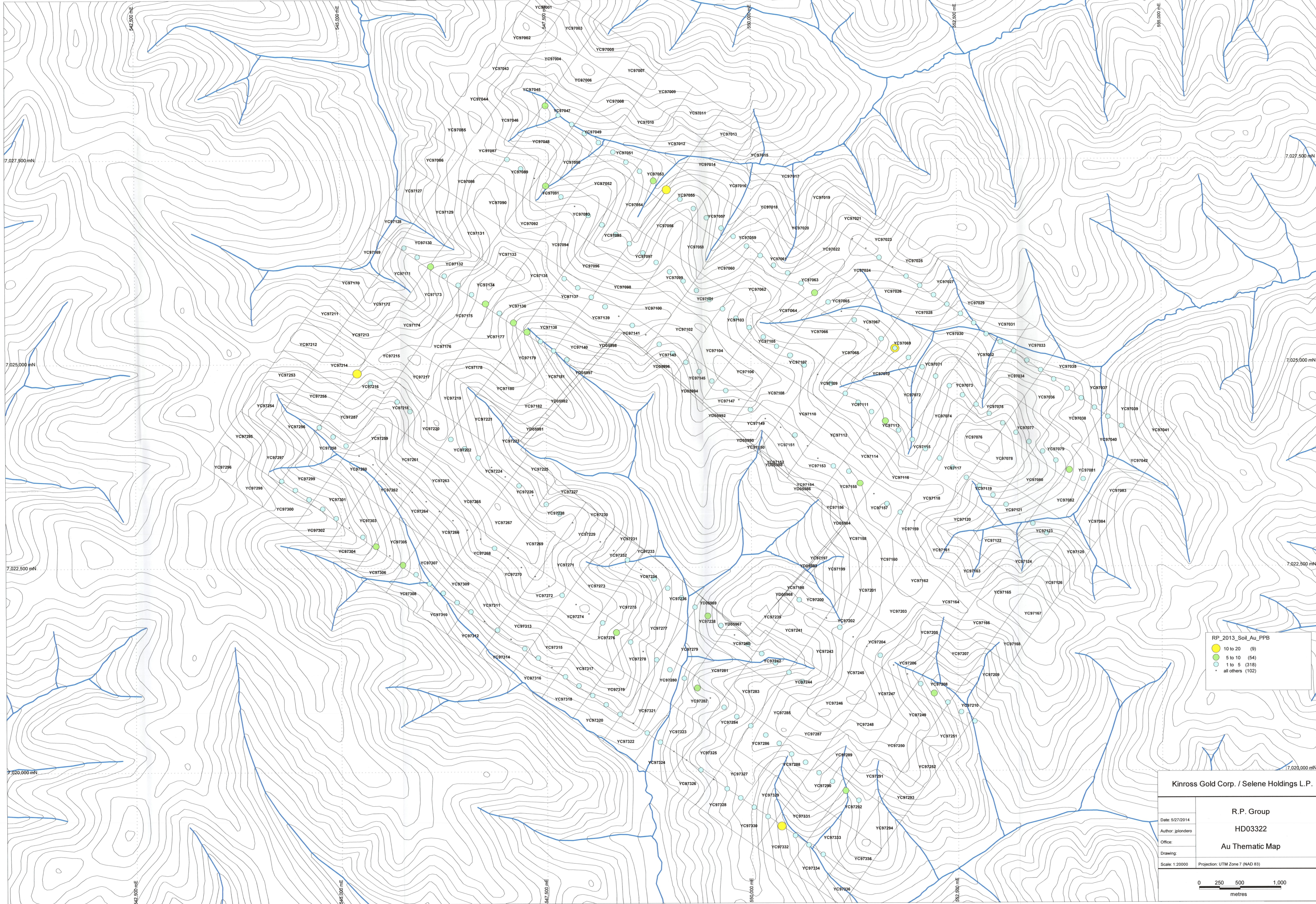
Dawson Mining District

R.P. Group: HD03322

Claim Name / Sample Count

Index	Claim	Count of Samples per Claim
87	YC97244	2
88	YC97258	3
89	YC97260	2
90	YC97262	2
91	YC97264	3
92	YC97266	2
93	YC97268	2
94	YC97270	2
95	YC97272	3
96	YC97274	2
97	YC97276	2
98	YC97278	3
99	YC97280	2
100	YC97282	2
101	YC97284	2
102	YC97286	3
103	YC97288	2
104	YC97290	2
105	YC97292	2
106	YC97299	3
107	YC97301	2
108	YC97303	2
109	YC97305	3
110	YC97307	2
111	YC97309	2
112	YC97311	2
113	YC97313	3
114	YC97315	2
115	YC97317	2
116	YC97319	3
117	YC97321	2
118	YC97323	2
119	YC97325	4
120	YC97328	3
121	YC97330	2
122	YC97332	2
123	YC97334	2
<b>TOTAL</b>		<b>276</b>

## Appendix 7: Gold Thematic Map



RP\_2013\_Soil\_Au\_PPB

- 10 to 20 (9)
- 5 to 10 (54)
- 1 to 5 (318)
- all others (102)

Kinross Gold Corp. / Selene Holdings L.P.

Date: 5/27/2014	R.P. Group
Author: jplondero	HD03322
Office:	Au Thematic Map
Drawing:	
Scale: 1:20000	Projection: UTM Zone 7 (NAD 83)

0 250 500 1,000 metres