

Ministry of Energy & Mines  
Energy & Minerals Division  
Geological Survey Branch

**ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY**

TITLE OF REPORT [type of survey(s)] Rock GEOCHEMISTRY TOTAL COST 17,619.43

AUTHOR(S) CRAIG KENNEDY SIGNATURE(S) Craig Kennedy

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) N/A YEAR OF WORK 2011

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 5165275 SEP 10 - SEP 28 2011

PROPERTY NAME ALCO / SILVER LAKE

CLAIM NAME(S) (on which work was done) 774702, 843281, 896418, 889491, 889492, 889493

COMMODITIES SOUGHT Gold/Silver

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN N/A

MINING DIVISION Omineca NTS TRIM 093F.084, 093F.085

LATITUDE — ° — ' — " LONGITUDE — ° — ' — " (at centre of work)

OWNER(S) UTM COORDINATES 353452E - 5969881 N

1) DEBRA CRITCHLOW 2) \_\_\_\_\_

MAILING ADDRESS  
8840 OLSON RD. BOX 1405  
KASLO B.C. V0G-1M0

OPERATOR(S) [who paid for the work]  
1) KOOTENAY SILVER INC. 2) \_\_\_\_\_

MAILING ADDRESS  
SUITE 920-1055 W. HASTINGS ST.  
VANCOUVER B.C. V6E-2E9

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Altered green vesicular volcanics and bleached felsic volcanics - Sub volcanic porphyries  
Package occupies the intersection of EW. magnetic trend with N.S. magnetic trend.  
Mineralization associated with epithermal quartz rich breccia zones cutting all stratigraphics.  
Alteration types - silica, carbonate, barite, zeolite, pyrite, hematite, chlorite, sericite and epidote

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS N/A

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping _____			
Photo interpretation _____			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic _____			
Electromagnetic _____			
Induced Polarization _____			
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
<b>GEOCHEMICAL</b>			
(number of samples analysed for ...)			
Soil _____			
Silt _____			
Rock _____	Samples		4,391.64
Other _____	WORK & ADMIN		13,227.79
<b>DRILLING</b>			
(total metres; number of holes, size)			
Core _____			
Non-core _____			
<b>RELATED TECHNICAL</b>			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
<b>PROSPECTING (scale, area)</b> _____			
<b>PREPARATORY/PHYSICAL</b>			
Line/grid (kilometres) _____			
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
<b>TOTAL COST</b>			17,619.43

ASSESSMENT REPORT  
On  
Rock Geochemistry

**Alco-Silver Fox Property**

Omineca Mining Division

Trim 93F.084/085  
UTM Coordinates 353452E – 5969881N

OWNER  
Dedra Critchlow  
8840 Olson Rd  
Box 1405  
Kaslo, BC V0G 1M0

BC Geological Survey  
Assessment Report  
33005

OWNER/OPERATOR  
Kootenay Silver Inc  
Suite 920 - 1055 W. Hastings St.  
Vancouver, BC V6E 2E9

REPORT BY  
Craig Kennedy  
2290 Dewolfe Ave  
Kimberley, BC V1A 1P5

April 2012

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# ALCO-SILVER FOX PROPERTY

## ROCK GEOCHEMISTRY REPORT

Craig Kennedy

April 2012

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### 1.00 INTRODUCTION

#### 1.10 Location and Access

The Alco-Silver Lake property is approximately 60 kilometres south east of the town of Burns Lake in Central BC, Map sheets 093F.084/085 centered at UTM coordinates 353452E -5969881N.

Access is provided by good main and secondary logging roads. Topography is gentle to moderate with heavy windfall. The forest hosts green spruce and balsam with a large component of dead lodgepole pine. Historic to present day timber harvesting dominates the landscape.

#### 1.20 Property

The Alco-Silver Fox Property is made up of tenure numbers: 756102, 774702, 832013, 843281, 843282, 889493, 896418, 712182, 851892, 851893, 887149, 889491 & 889492. The claims are owned by D Critchlow of Kaslo BC & Kootenay Silver of Vancouver BC who is also funding the work program.

#### 1.30 History of Previous Exploration

The area has seen moderate to heavy exploration through the past 50 years. Mo/Cu porphyry and epithermal Ag/Au mineralization has been the major exploration focus.

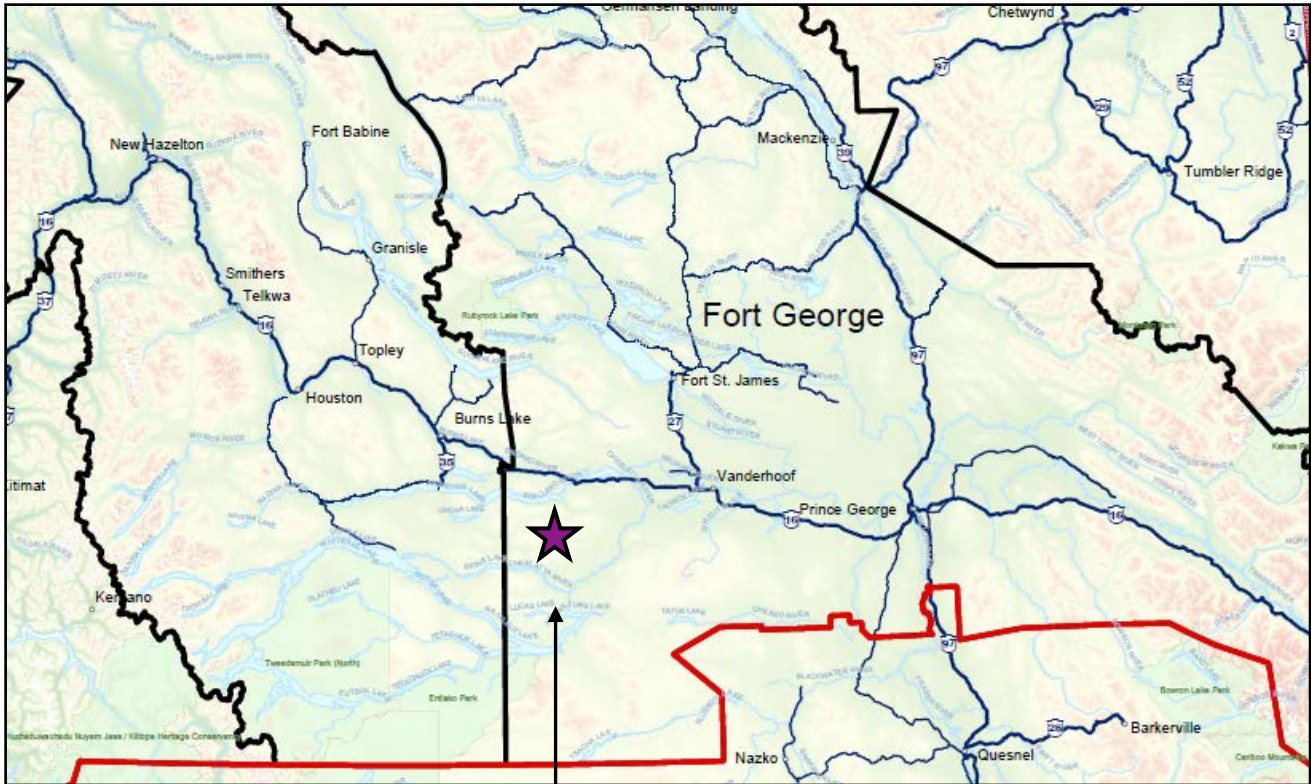
#### 1.40 Summary

The Alco-Silver Lake claim group are part of a number of properties hosted by the postulated Nechako Arch. Kootenay Silver Inc. entered

into a grubstake agreement with Critchlow Contracting to evaluate, then elect on those properties fitting Kootenay Silver's exploration criteria. The Nechako Arch is an exploration concept contained within a north-eastern running structural zone, which since Eocene time has been defined by strongly developed geomorphology. This geomorphology is delineated by stream and lake patterns. The general area hosts geology predominantly consisting of Jurassic through to tertiary volcanic and intrusive rocks. The metal mine which keys the area is the impressive Endako molybdenum porphyry deposit, approximately 40 kilometres to the north west of the properties. As with most of the Nechako plateau, bedrock occurrence is sparse but where available provides opportunity to view prominent structure controls and alteration styles. Jurassic and cretaceous intrusive rocks and Eocene volcanic rocks are the most common in Kootenay Silver's area of interest. These rocks are exposed as structural islands where northeast structure is cut by north-western structural systems.

It is speculated that the Endako deposit is a sub-hot-spring system, which has been exposed by structural uplift and erosion. A key exploration clue is the Endako mine area is host to many age and phase type intrusive, a piston geological environment. The above feature is common in Kootenay Silver's area of interest and may in fact be diagnostic of the Nechako arch. Structural blocks with hetro-genius intrusive exposures maybe exposed too or below porphyry levels opening opportunity for shear zone and, or stockwork gold systems. Structural blocks with volcanic cover and hot-spring alteration can be considered potential porphyry targets. These opportunities within this type of structural zone (Nechako Arch) provide encouragement for discovery of a large bulk mineable gold deposit. This target type is Kootenay Silver's favoured focus.

Figure 1: Regional Location Map



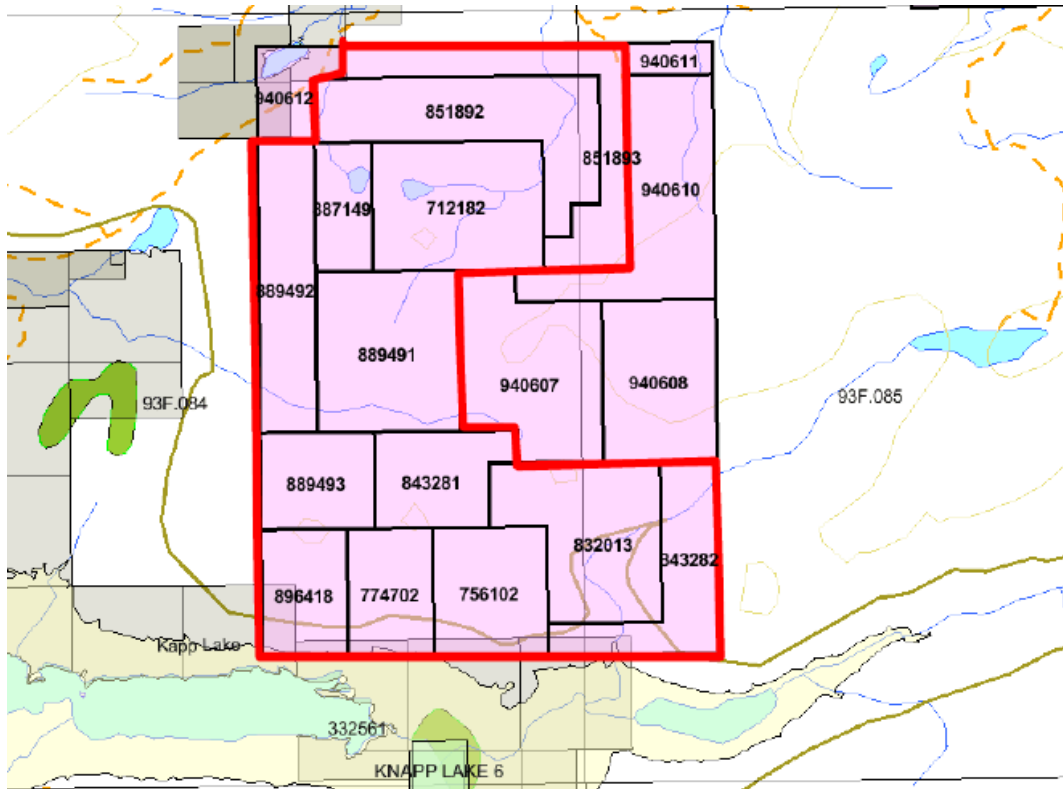
Alco-Silver Lake Property Location

Figure 2: Claim Location Map

Map # 093F.084/085



Scale 1:100,000



Alco-Silver Lake Property Boundary

## 2.00 ROCK GEOCHEMISTRY

Rock geochemistry programs on the Alco-Silver Lake Property have successfully associated a large alteration zone with anomalous precious and base metals. Green vesicled basalts, andesites and flow banded dacite host narrow fracture zones and breccias with silica, carbonate and zeolite alteration. Mineralization seems to have a general north north-west orientation which mimics the general magnetic trend of the area. Outcrops are sparse with structures suspected to be closely associated with linear draws, creek drainages and lake patterns. Interestingly, hilltop rock exposures exhibit evidence of alteration and structural affects which supports targeting valley bottoms with geophysics.

### Selected Samples:

Sample No.	Au-ppb	As-ppm	Sb-ppm	Cu-ppm	Mo-ppm
SAK11-219	175.9	3.9	3.0	10.3	0.5
MK11-455	672.5	27.0	4.4	5.3	0.5
MK11-457	562.7	5.8	1.8	10.2	0.7
MK11-464	551.2	0.5	0.8	1.9	0.2
MK11-269	175.6	4.9	1.7	2.7	1.0
MK11-278	1604.0	8.1	3.	55.9	0.4
MK11-478	17.3	741.8	17.9	28.7	233.2
MK11-480	25.9	983.5	11.7	12.8	2.2
MK11-493	379.8	22.4	1.5	14.1	7.9
MK11-495	40.2	37.6	2.2	8.7	6.1
MK11-496	316.7	13.5	1.1	9.9	2.7
MK11-500	530.7	5.9	3.0	41.5	1.1

## 3.00 CONCLUSION

The property hosts structures which contain anomalous values in both precious and base metals. In a regional sense the Alco-Silver Lake property area exists within a zone of braided north north-west magnetic anomalies. Future work should test geomorphology patterns for hidden mineralization. This could be accomplished with aerial and ground geophysics along with biogeochemistry.



#### 4.00 STATEMENT OF EXPENDITURES

Rock Geochemistry Program  
Alco-Silver Lake

Work performed: Fall 2011

Prospecting Contractors:

Craig Kennedy - 4 days @ 500/day (Includes 4x4 vehicle)	\$ 2000.00
Mike Kennedy - 4 days @ 350/day - 3 days @ 500/day (Includes 4x4 vehicle)	1400.00 2500.00
Sara Kennedy – 9 days @ 200/day	1800.00
ATV Rental	450.00
Acme Labs – 151 rock samples (incl. freight)	4391.64
Travel to work location and Living Out	3190.00
Administrative & Office Expense	1887.79
Craig Kennedy - Report writing & Maps	<u>1250.00</u>
Total:	<u>\$18,869.43</u>

## 5.00 AUTHOR'S QUALIFICATIONS

As the author of this report I, Craig Kennedy, certify that:

1. I am an independent prospector residing at 2290 Dewolfe Avenue, Kimberley, BC.
2. I have been actively prospecting in the East and West Kootenays district of BC for the past 33 years and have made my living prospecting for the past 24 years.
3. I have been employed as a professional prospector by major and junior mineral exploration companies.
4. I own and maintain mineral claims in BC and have optioned numerous claims to various exploration companies.

*Craig Kennedy*

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Craig Kennedy  
Prospector

## Appendix #1 - Rock Sample Descriptions

Sample No.	UTM E	UTM N	Property	Description
SAK11-217	352374	5970388	Silver Lake	Hydro breccia with py flooded galena rimming frags
SAK11-218	352374	5970387	Silver Lake	Same as above
SAK11-219	352672	5967474	Silver Lake	Vesicled volcanic with qtz and lim stain
SAK11-220	352671	5967474	Silver Lake	Same as above
MK11-261	351958	5966697	Alco	Epi, Qtz vein, Breccia hem, lim stained
MK11-262	351977	5966710	Alco	Epi, Qtz vein, Breccia hem, lim stained
MK11-263	352050	5966897	Alco	Epi, Qtz vein, Breccia hem, lim stained
MK11-264	352083	5966912	Alco	1m wide N trending Epi, breccia zone
MK11-265	352004	5966963	Alco	Epi breccia zone yellow-green stain
MK11-266	351974	5966967	Alco	N trending epi breccia zone
MK11-267	351973	5966967	Alco	N trending epi breccia zone
MK11-268	351921	5966933	Alco	N trending epi breccia zone
MK11-269	351894	5966939	Alco	30 degree .5m zone stockwork, epi
MK11-270	351767	5966932	Alco	31 degree .5m zone stockwork, epi
MK11-271	351301	5966566	Alco	Epi, Qtz filled vug material
MK11-272	351301	5966566	Alco	hang wall of 274 breccia vol, epi 350 NW
MK11-273	351301	5966566	Alco	Yellowish + hem stain zone NW trend
MK11-274	351301	5966566	Alco	1-3m wide zone, epi/hemstain/calcite
MK11-275	351301	5966567	Alco	1-3m wide zone, epi/hemstain/calcite
MK11-276	351301	5966567	Alco	1-3m wide zone, epi/hemstain/calcite
MK11-277	351301	5966567	Alco	1-3m wide zone ,epi/hemstain/calcite

Sample No.	UTM E	UTM N	Property	Description
MK11-278	351301	5966567	Alco	1-3m wide zone, epi/hemstain/calcite
MK11-279	351315	5966572	Alco	footwall of 274 --more amygdaloidal qtz vug fill 2M zone
MK11-280	351315	5966572	Alco	footwall of 274 --more amygdaloidal qtz vug fill 2M zone
MK11-389	351977	5969993	Silver Lake	Large epithermal breccia zone w/ silica carb, sericite, limonite, chlorite, hem/py/epidote
MK11-390	351977	5969993	Silver Lake	Same as above
MK11-391	351977	5969992	Silver Lake	Same as above
MK11-392	351977	5969998	Silver Lake	Same as above
MK11-393	351973	5969993	Silver Lake	Same as above
MK11-394	351967	5969993	Silver Lake	Same as above
MK11-395	351969	5969990	Silver Lake	Same as above
MK11-396	351975	5969981	Silver Lake	Same as above
MK11-397	351976	5969986	Silver Lake	Same as above
MK11-398	351976	5969986	Silver Lake	Same as above
MK11-399	351974	5969989	Silver Lake	Same as above
MK11-400	351977	5969992	Silver Lake	Same as above
MK11-401	351977	5969992	Silver Lake	Same as above
MK11-402	351977	5969992	Silver Lake	Same as above
MK11-403	351977	5969994	Silver Lake	Same as above
MK11-404	351976	5969994	Silver Lake	Same as above
MK11-405	351976	5969994	Silver Lake	Same as above
MK11-406	351976	5969994	Silver Lake	Same as above
MK11-407	351975	5970005	Silver Lake	Same as above
MK11-408	351976	5970006	Silver Lake	Same as above

Sample No.	UTM E	UTM N	Property	Description
MK11-409	351973	5970007	Silver Lake	Large epithermal breccia zone w/ silica carb, sericite, limonite, chlorite, hem/py/epidote
MK11-410	351973	5970007	Silver Lake	Same as above
MK11-411	351973	5970007	Silver Lake	Same as above
MK11-412	351978	5970011	Silver Lake	Same as above
MK11-413	351976	5970013	Silver Lake	Same as above
MK11-414	351976	5970012	Silver Lake	Same as above
MK11-415	351972	5970012	Silver Lake	Out of 3 m wide epi qtz breccia+sericite+py+lim+qrt
MK11-416	351976	5970015	Silver Lake	Out of 3 m wide epi qtz breccia+sericite+py+lim+qrt
MK11-417	351961	5970012	Silver Lake	Out of 3 m wide epi qtz breccia+sericite+py+lim+qrt
MK11-418	351959	5970017	Silver Lake	Alco type green silicified stwork hem stained+salvages along veins
MK11-419	352001	5969861	Silver Lake	Alco type green silicified stwork hem stained+salvages along veins
MK11-420	352000	5969863	Silver Lake	Alco type green silicified stwork hem stained+salvages along veins
MK11-421	352007	5969881	Silver Lake	Alco type green silicified stwork hem stained+salvages along veins
MK11-422	352002	5969882	Silver Lake	Alco type green silicified stwork hem stained+salvages along veins
MK11-423	352008	5969888	Silver Lake	Alco type green silicified stwork hem stained+salvages along veins
MK11-424	352007	5969891	Silver Lake	Alco type green silicified stwork hem stained+salvages along veins+ grey silica
MK11-425	352198	5970155	Silver Lake	Alco type green silicified stwork hem stained+salvages along veins+ grey silica
MK11-426	352744	5970569	Silver Lake	.5m piece alt silicified breccia+py
MK11-427	352685	5970513	Silver Lake	Qtz crystal fills vugs in altered volcanics 50 X 50m zone
MK11-428	351895	5969498	Silver Lake	Qtz crystal fills vugs in altered volcanics 50 X 50m zone
MK11-429	351896	5969500	Silver Lake	Qtz crystal fills vugs in altered volcanics 50 X 50m zone
MK11-430	351886	5969500	Silver Lake	NW trending breccas with Py/hemstain
MK11-431	351887	5969500	Silver Lake	NW trending breccas with Py/hemstain



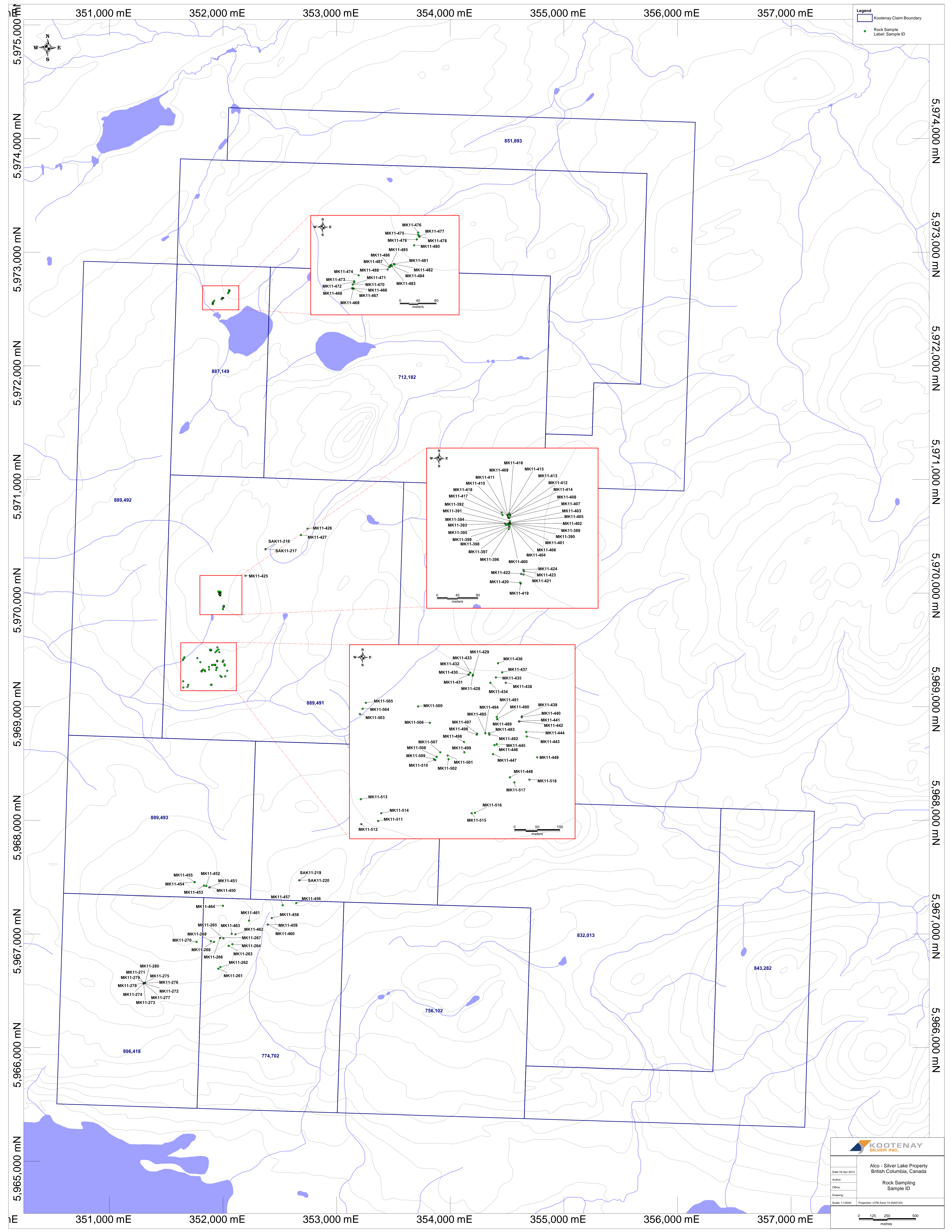
Sample No.	UTM E	UTM N	Property	Description
MK11-432	351890	5969504	Silver Lake	.5m zone+lim hem stain breccia+specularite
MK11-433	351890	5969504	Silver Lake	.5m zone+lim hem stain breccia+specularite
MK11-434	351934	5969482	Silver Lake	Mang/lim/qtz crush breccia zone
MK11-435	351946	5969494	Silver Lake	Mang/lim/qtz crush breccia zone
MK11-436	351951	5969525	Silver Lake	Mang/lim/qtz crush breccia zone
MK11-437	351960	5969505	Silver Lake	Volcanic contact zone epidote in breccia w/ qtz crystal fills
MK11-438	351968	5969482	Silver Lake	Fine silicified breccias w/ fine py
MK11-439	352003	5969408	Silver Lake	Fine silicified breccias w/ fine py
MK11-440	352003	5969406	Silver Lake	Fine silicified breccias w/ fine py
MK11-441	351997	5969397	Silver Lake	Epi qtz vug breccia+lim+hem stain
MK11-442	351998	5969397	Silver Lake	Epi qtz vug breccia+lim+hem stain
MK11-443	352014	5969364	Silver Lake	Epi qtz vug breccia+lim+hem stain 4m zone
MK11-444	352013	5969374	Silver Lake	Same material as above +lots of epidote
MK11-445	351948	5969347	Silver Lake	Same material as above +lots of lim -5m zone
MK11-446	351943	5969345	Silver Lake	1m epi zone hem breccia
MK11-447	351940	5969325	Silver Lake	8m weak epi breccia zone
MK11-448	351977	5969274	Silver Lake	1m epi qtz +lim zone
MK11-449	352037	5969318	Silver Lake	1m epi qtz +lim zone
MK11-450	351880	5967412	Alco	.5m structure+brecciation+qtz
MK11-451	351881	5967413	Alco	.5m structure+brecciation+qtz+mang
MK11-452	351853	5967426	Alco	.5m structure+brecciation+qtz+mang -trending West
MK11-453	351834	5967428	Alco	5cm qtz breccia zone
MK11-454	351751	5967458	Alco	Crush breccia some qtz

Sample No.	UTM E	UTM N	Property	Description
MK11-455	351751	5967458	Alco	Crush breccia some qtz
MK11-456	352645	5967274	Alco	Volcanic breccia altered w/ silicification
MK11-457	352525	5967255	Alco	Volcanic breccia altered w/ silicification
MK11-458	352429	5967142	Alco	Micro veining + qtr vugs
MK11-459	352393	5967085	Alco	silicified hem breccia
MK11-460	352393	5967085	Alco	Breccia with silica webbing
MK11-461	352229	5967119	Alco	Hem breccia+qtz+lim
MK11-462	352110	5966999	Alco	Hem breccia+qtz+lim
MK11-463	352077	5967003	Alco	Hem breccia+qtz+lim
MK11-464	352000	5967250	Alco	.5m brecciated volcanic w/ qtz vugs
MK11-466	351910	5972546	Silver Lake	Vol breccia with qtz, lim, and py
MK11-467	351909	5972546	Silver Lake	Vol breccia with qtz, lim, and py
MK11-468	351909	5972547	Silver Lake	Vol breccia with qtz, lim, and py
MK11-469	351912	5972546	Silver Lake	Vol breccia with qtz, lim, and py
MK11-470	351910	5972555	Silver Lake	Propolytic altered breccia with amethyst-mang-lim
MK11-471	351910	5972555	Silver Lake	Same as above
MK11-472	351913	5972560	Silver Lake	Vol breccia with hem-mang and lim stain
MK11-473	351913	5972562	Silver Lake	Vol breccia with hem-mang and lim stain
MK11-474	351923	5972575	Silver Lake	Vol breccia with hem-mang and lim stain
MK11-475	352054	5972664	Silver Lake	Vol breccia with hem-mang and lim stain
MK11-476	352054	5972669	Silver Lake	Vol breccia with hem-mang and lim stain
MK11-477	352057	5972661	Silver Lake	Vol breccia with hem-mang and lim stain
MK11-478	352056	5972660	Silver Lake	Vol breccia with hem-mang and lim stain

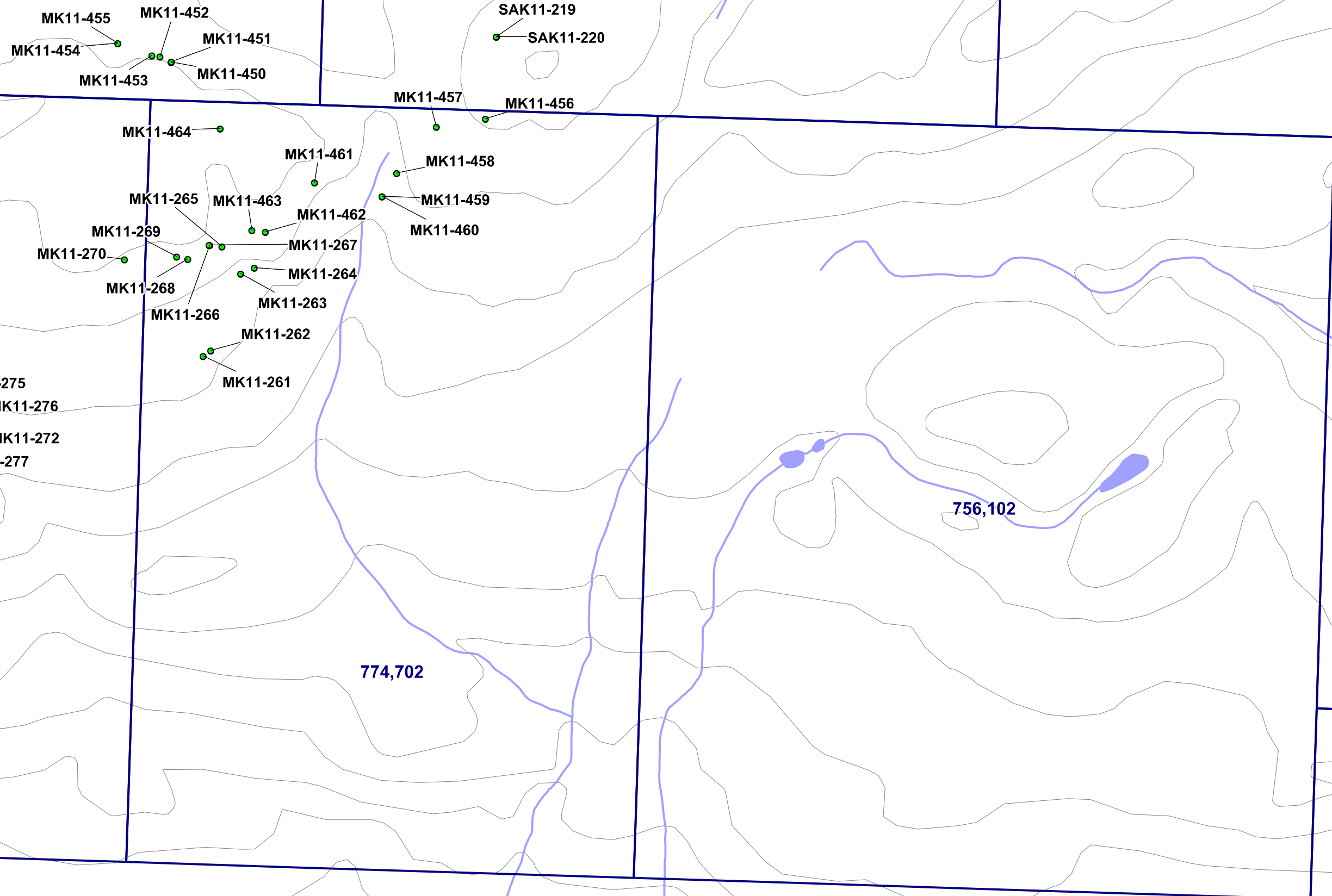
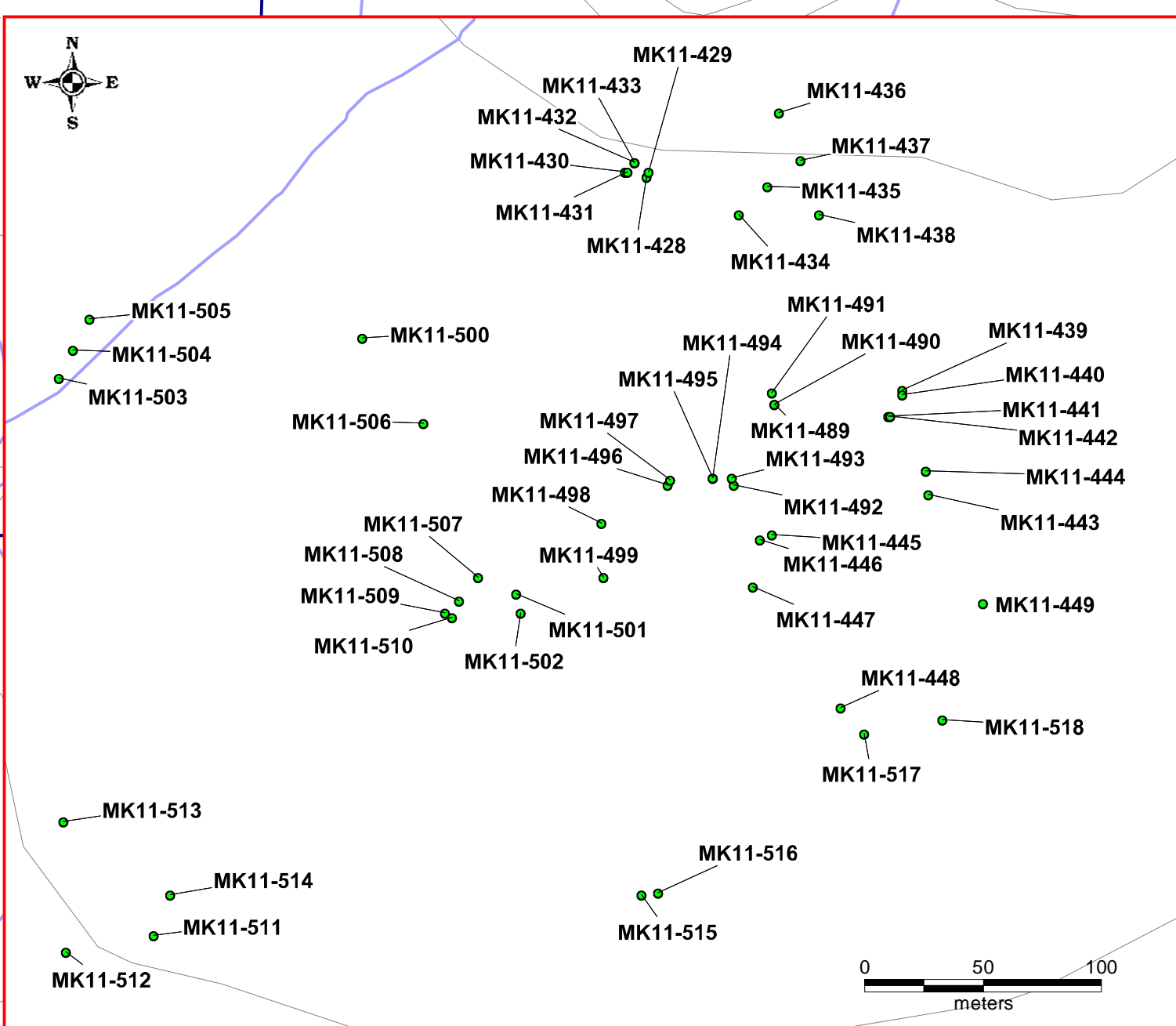
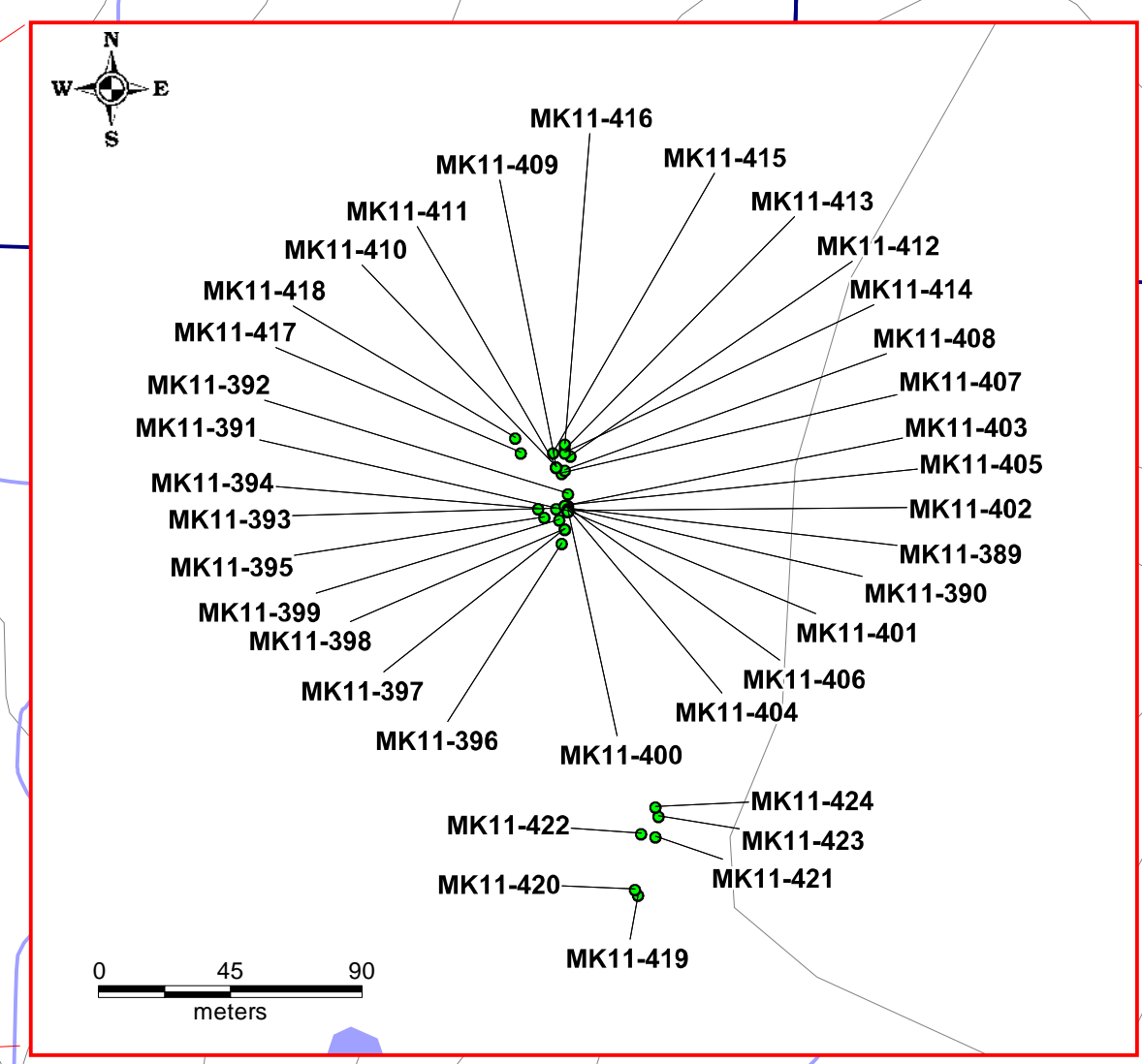
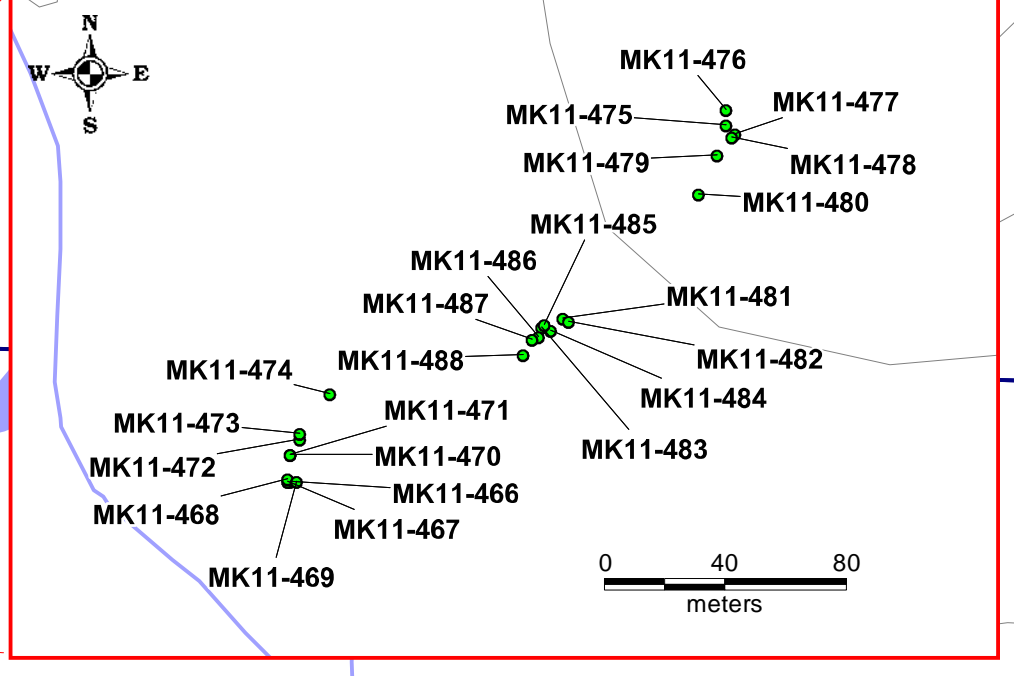
Sample No.	UTM E	UTM N	Property	Description
MK11-479	352051	5972654	Silver Lake	Vol breccia with hem-mang and lim stain
MK11-480	352045	5972641	Silver Lake	Vol breccia with hem-mang and lim stain
MK11-481	352000	5972600	Silver Lake	Qtz crystal breccia with zeolite?
MK11-482	352002	5972599	Silver Lake	Same as above
MK11-483	351993	5972597	Silver Lake	Breccia with black silica and calcite
MK11-484	351996	5972596	Silver Lake	Same as above
MK11-485	351994	5972598	Silver Lake	Same as above
MK11-486	351992	5972594	Silver Lake	Same as above
MK11-487	351990	5972593	Silver Lake	Same as above
MK11-488	351987	5972588	Silver Lake	Same as above
MK11-489	351949	5969402	Silver Lake	Crushed breccia with lim
MK11-490	351949	5969402	Silver Lake	Same as above
MK11-491	351948	5969407	Silver Lake	Crushed breccia with lim, sericite, mang, micro veins and epidote
MK11-492	351932	5969368	Silver Lake	Same as above
MK11-493	351931	5969371	Silver Lake	Hem stain, lim, and sericite
MK11-494	351923	5969371	Silver Lake	Breccia with lim and micro veins
MK11-495	351923	5969371	Silver Lake	Breccia with hem and lim stain. 5cm wide trending NW
MK11-496	351904	5969368	Silver Lake	Breccia with lim rich veinlets and mang
MK11-497	351905	5969370	Silver Lake	Same as above
MK11-498	351876	5969352	Silver Lake	Breccia with lim and hem stain and yellow clay
MK11-499	351877	5969329	Silver Lake	Qtz flooded breccia with lim and hem stain
MK11-500	351775	5969430	Silver Lake	Qtz stockwork material with lim
MK11-501	351840	5969322	Silver Lake	Same as above

Sample No.	UTM E	UTM N	Property	Description
MK11-503	351647	5969413	Silver Lake	Same as above
MK11-504	351653	5969425	Silver Lake	Same as above
MK11-505	351660	5969438	Silver Lake	Breccia with greenish alteration and lim and <b>sericite</b>
MK11-506	351801	5969394	Silver Lake	Same as above
MK11-507	351824	5969329	Silver Lake	Same as above
MK11-508	351816	5969319	Silver Lake	Vuggy silica zone 3m wide
MK11-509	351810	5969314	Silver Lake	Same as above
MK11-510	351813	5969312	Silver Lake	Same as above
MK11-511	351687	5969178	Silver Lake	Breccia with qtz veinlets, hem stain and silica
MK11-512	351650	5969171	Silver Lake	Breccia with hem and lim stain. .5m wide trending E W
MK11-513	351649	5969226	Silver Lake	Breccia with hem + lim stain and green alt
MK11-514	351694	5969195	Silver Lake	Breccia with hem and lim stain and zeolite
MK11-515	351893	5969195	Silver Lake	Breccia with hem and lim stain
MK11-516	351900	5969196	Silver Lake	Same as above
MK11-517	351987	5969263	Silver Lake	Breccia with hem and lim stain
MK11-518	352020	5969269	Silver Lake	Same as above





Legend  
 Kootenay Claim Boundary  
 Rock Sample  
 Label: Sample ID



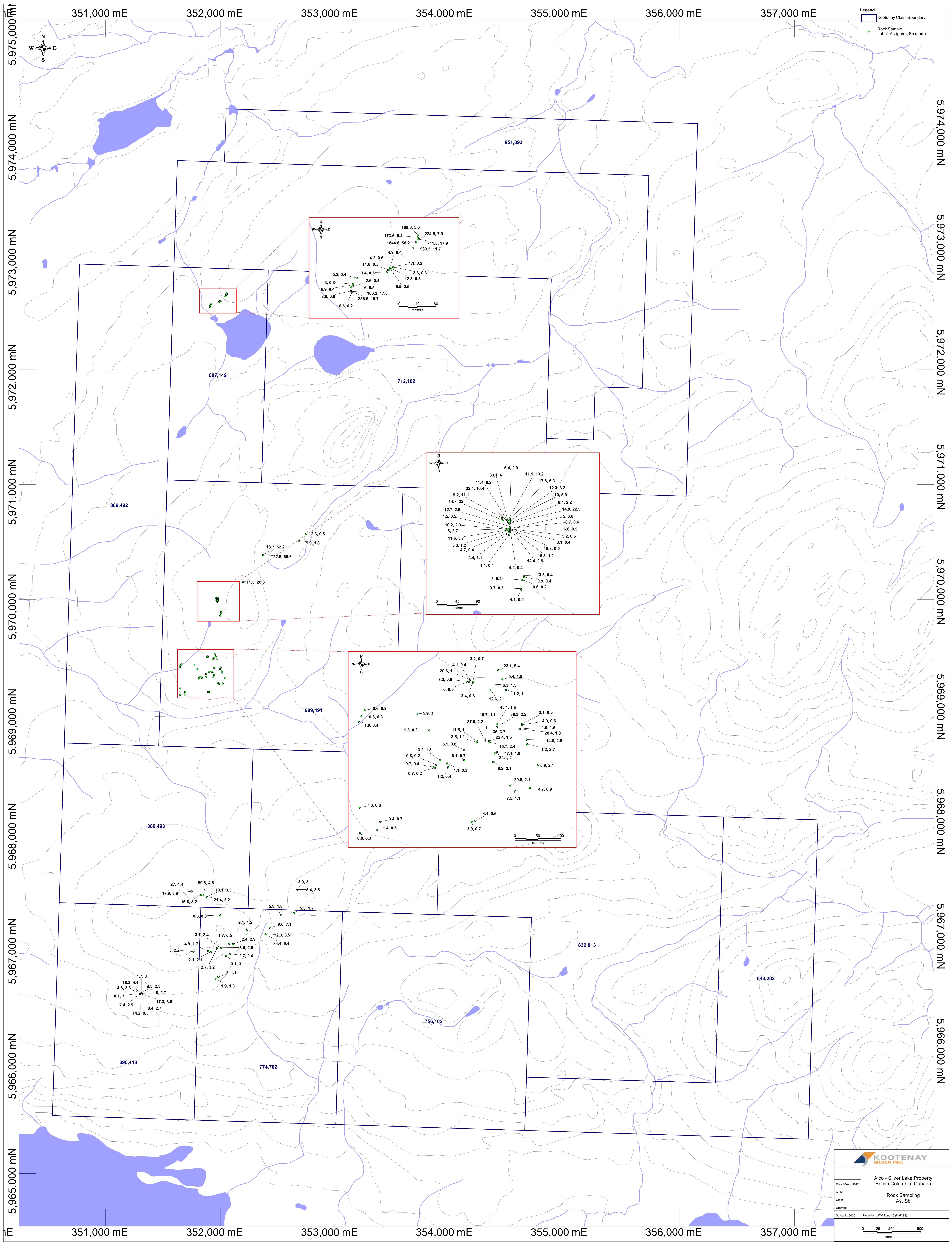
**KOOTENAY SILVER INC.**

Alco - Silver Lake Property  
 British Columbia, Canada

Date: 16-Apr-2012  
 Author:  
 Office:  
 Drawing:  
 Scale: 1:10000  
 Projection: UTM Zone 10 (NAD 83)

Rock Sampling  
 Sample ID





Legend  
 Kootenay Claim Boundary  
 Rock Sample  
 Label: As (ppm), Sb (ppm)

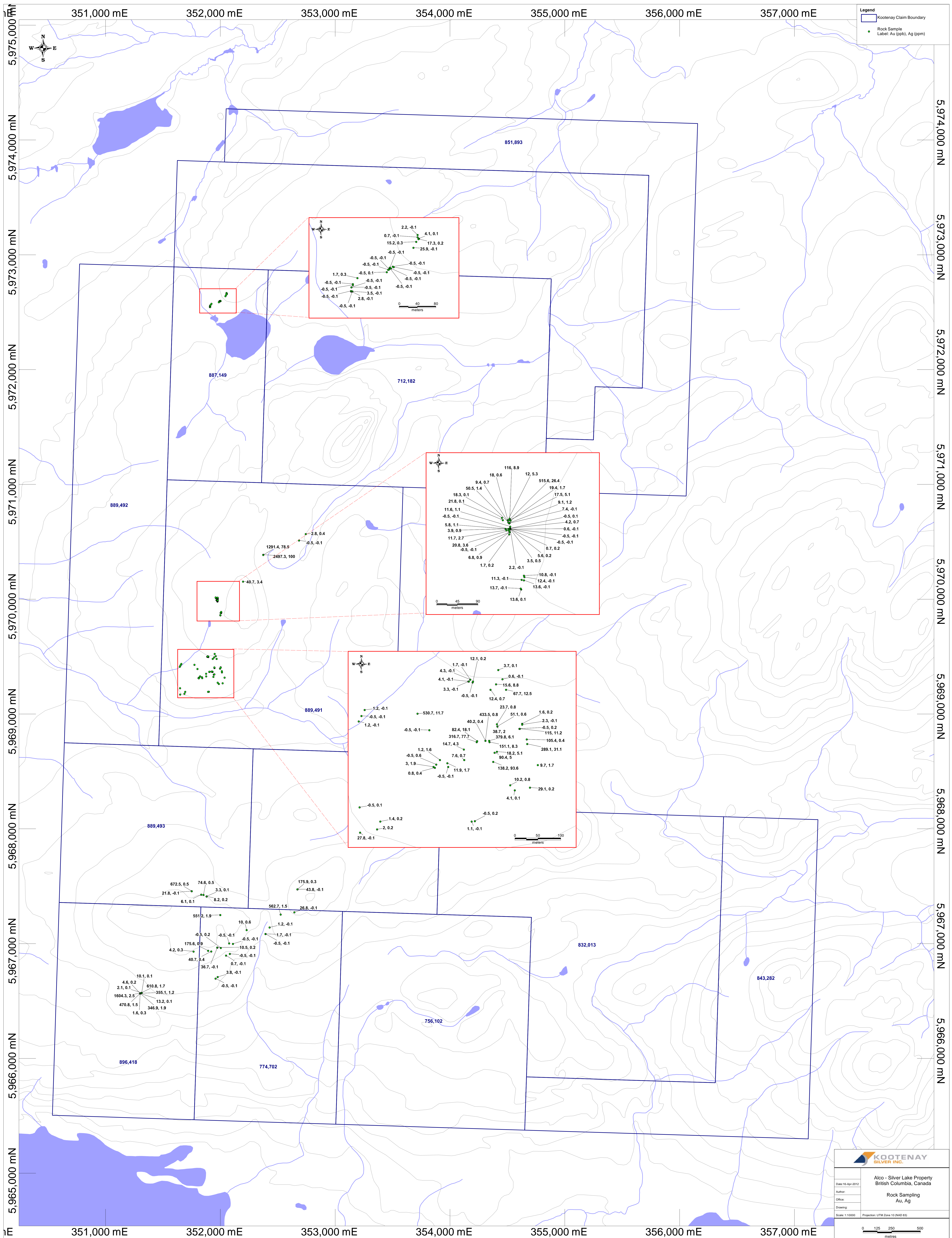
**KOOTENAY SILVER INC.**

Alco - Silver Lake Property  
 British Columbia, Canada

Date: 16-Apr-2012  
 Author:  
 Office:  
 Drawing:  
 Scale: 1:10000  
 Projection: UTM Zone 10 (NAD 83)

0 125 250 500  
 metres





Legend  
 Kootenay Claim Boundary  
 Rock Sample  
 Label: Au (ppb), Ag (ppm)

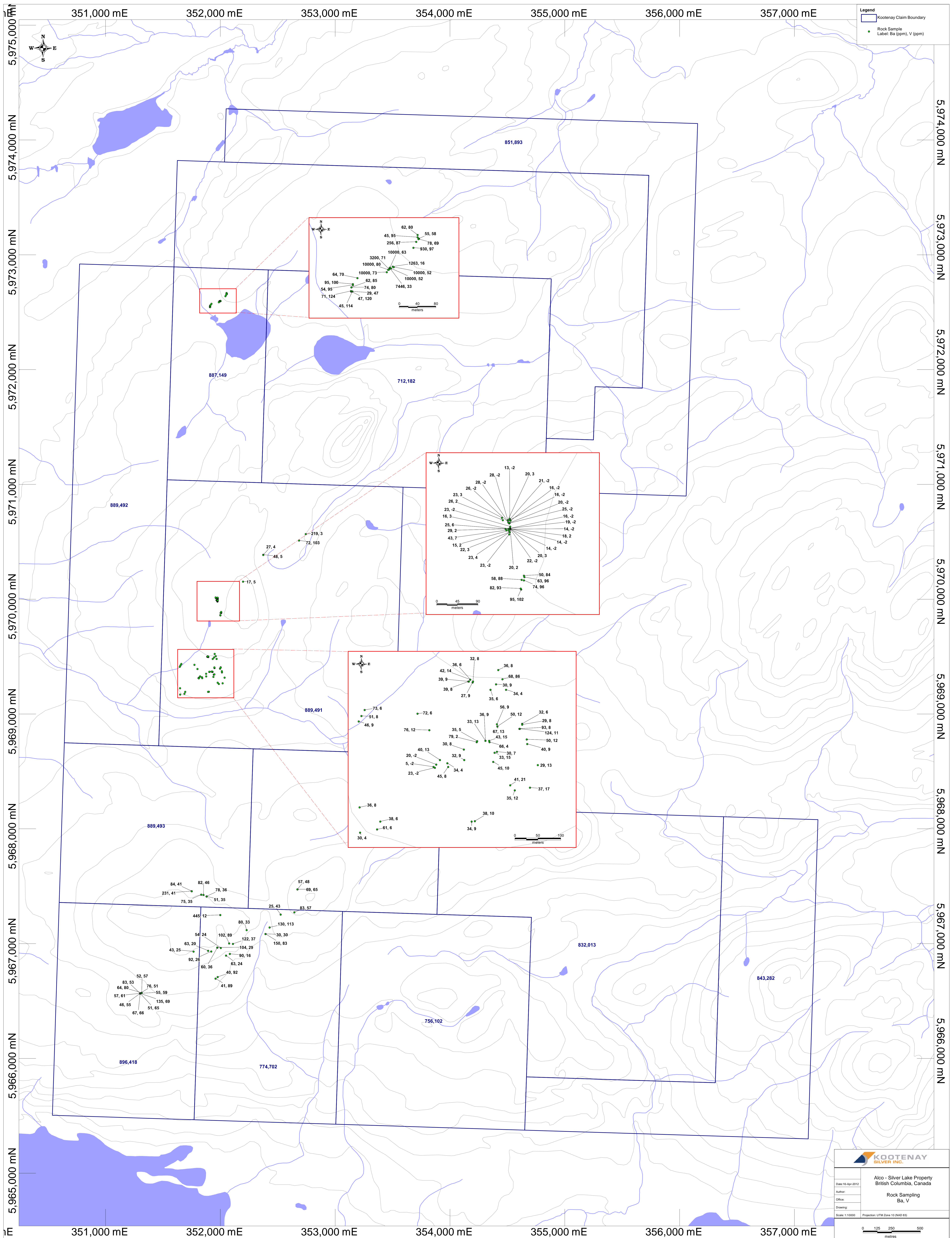
**KOOTENAY SILVER INC.**

Alco - Silver Lake Property  
 British Columbia, Canada

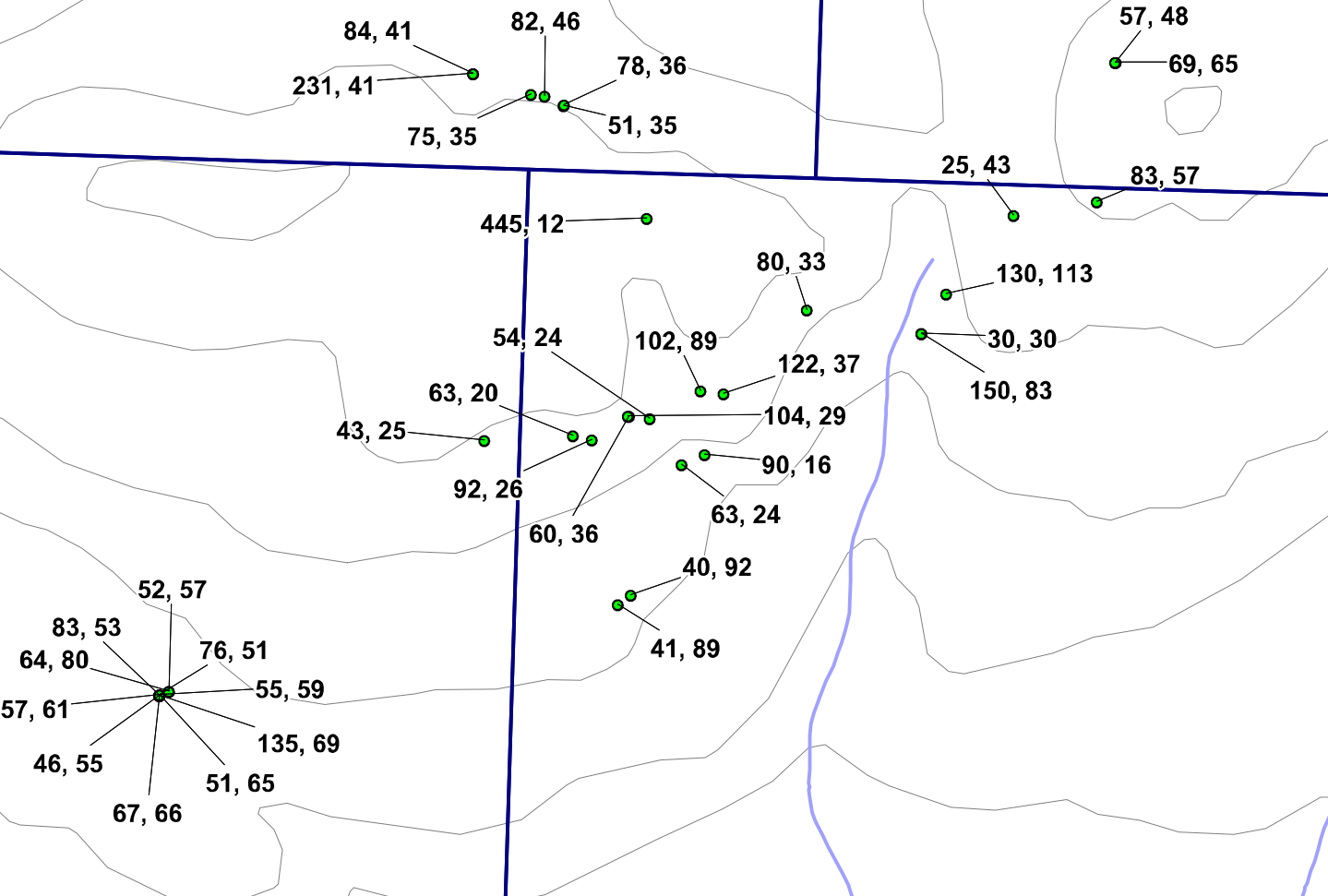
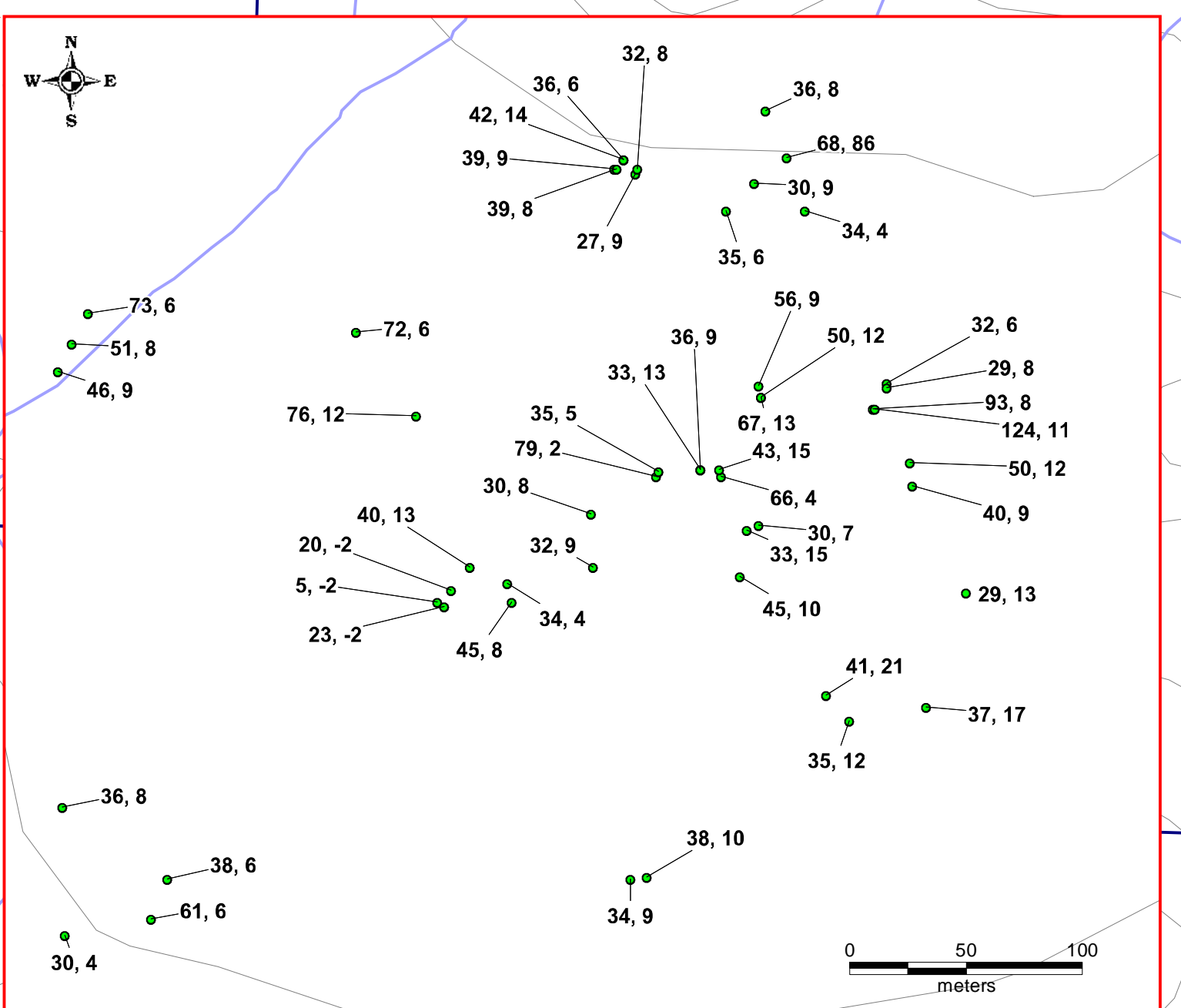
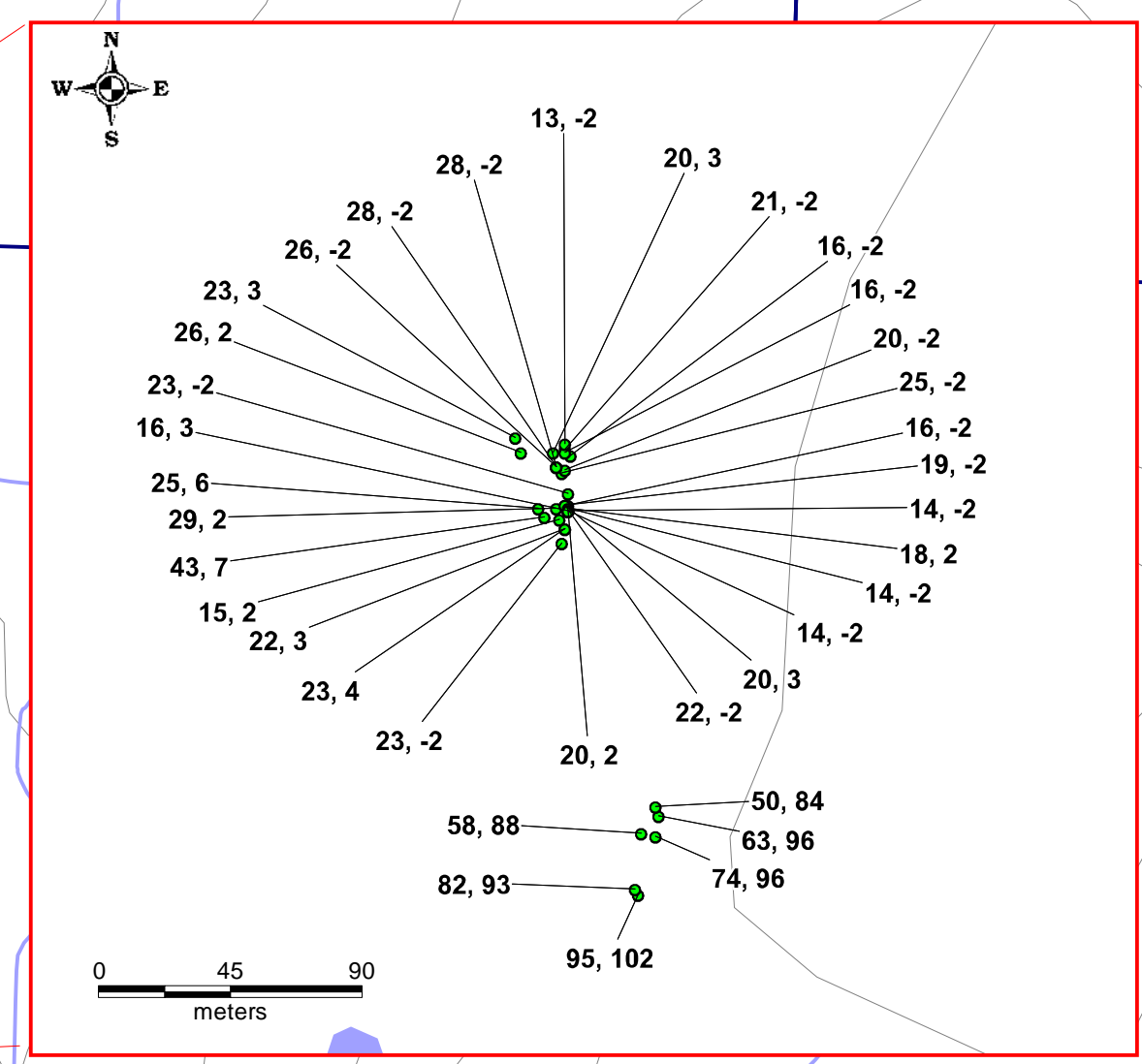
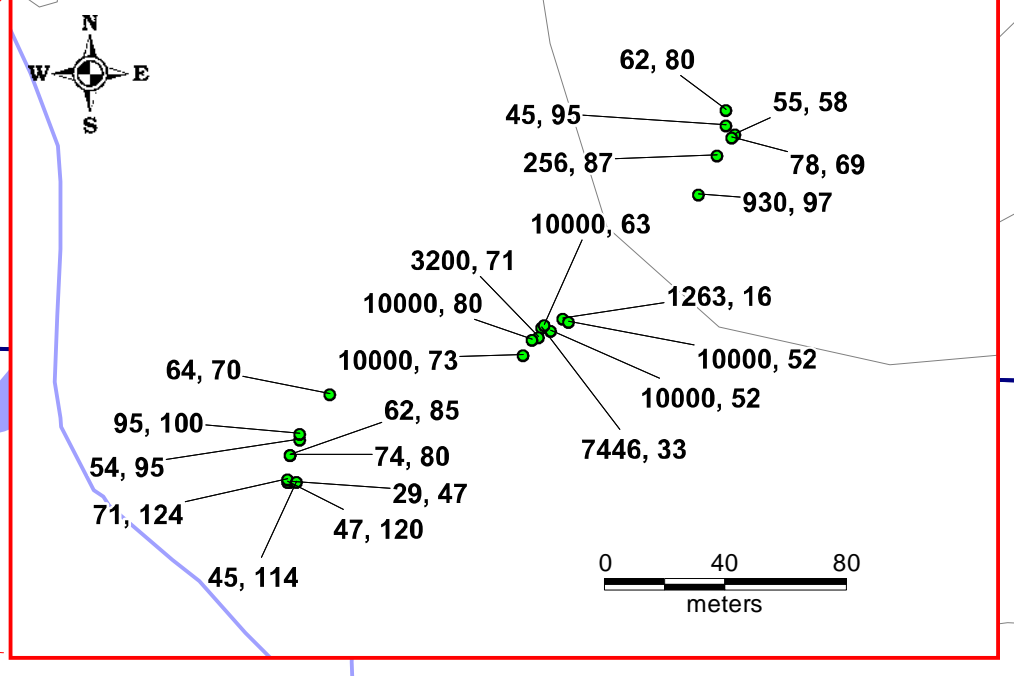
Date: 16-Apr-2012  
 Author:  
 Office:  
 Drawing:  
 Scale: 1:10000  
 Projection: UTM Zone 10 (NAD 83)

0 125 250 500  
 metres

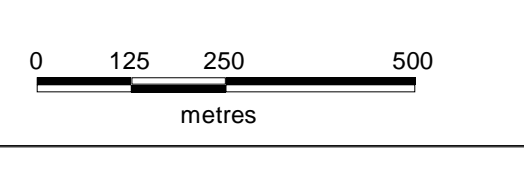




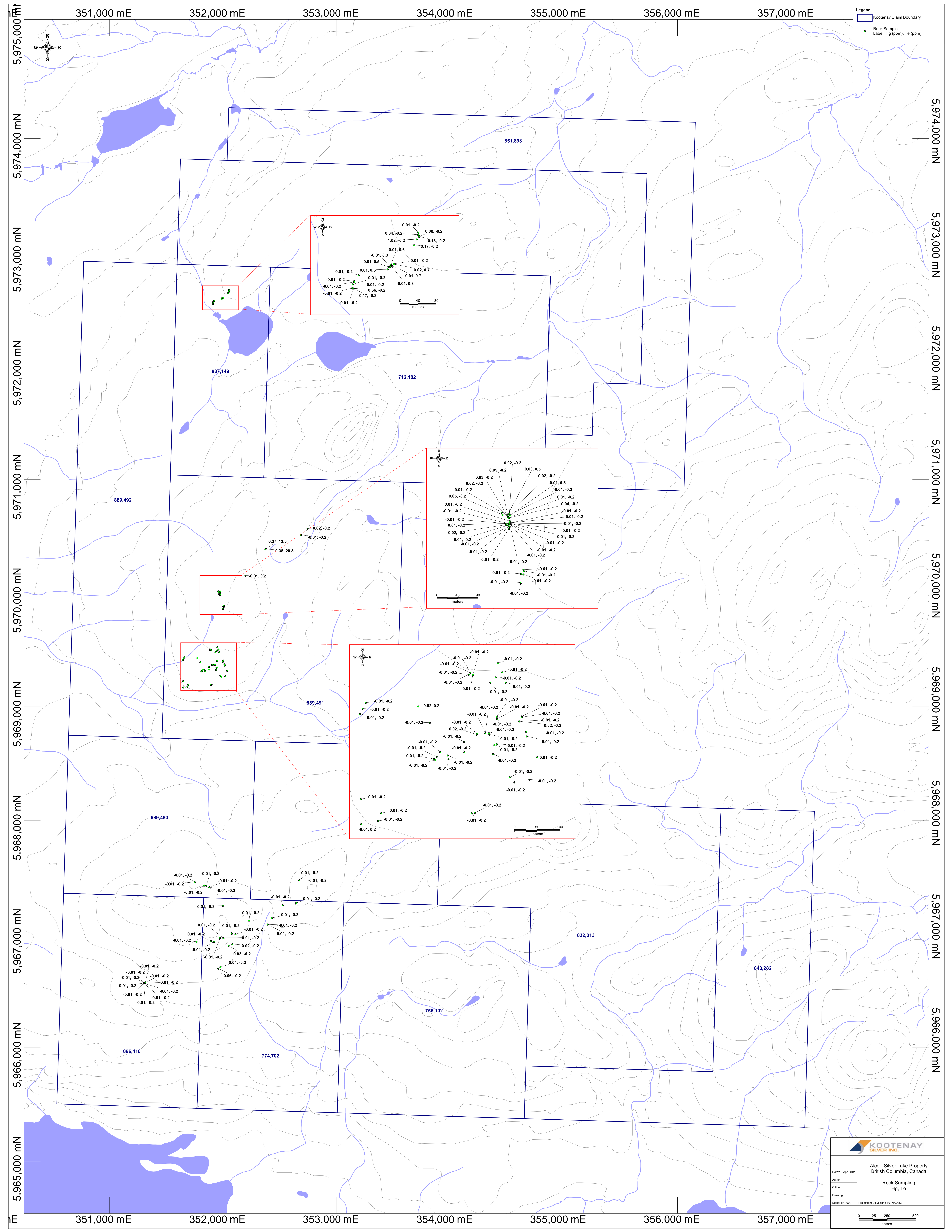
Legend  
 Kootenay Claim Boundary  
 Rock Sample  
 Label: Ba (ppm), V (ppm)



**KOOTENAY SILVER INC.**  
 Alco - Silver Lake Property  
 British Columbia, Canada  
 Author:  
 Office:  
 Drawing:  
 Scale: 1:10000  
 Projection: UTM Zone 10 (NAD 83)

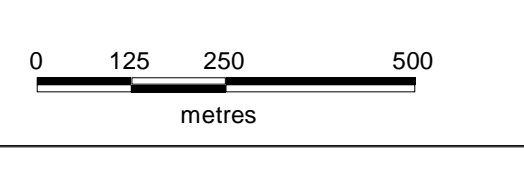




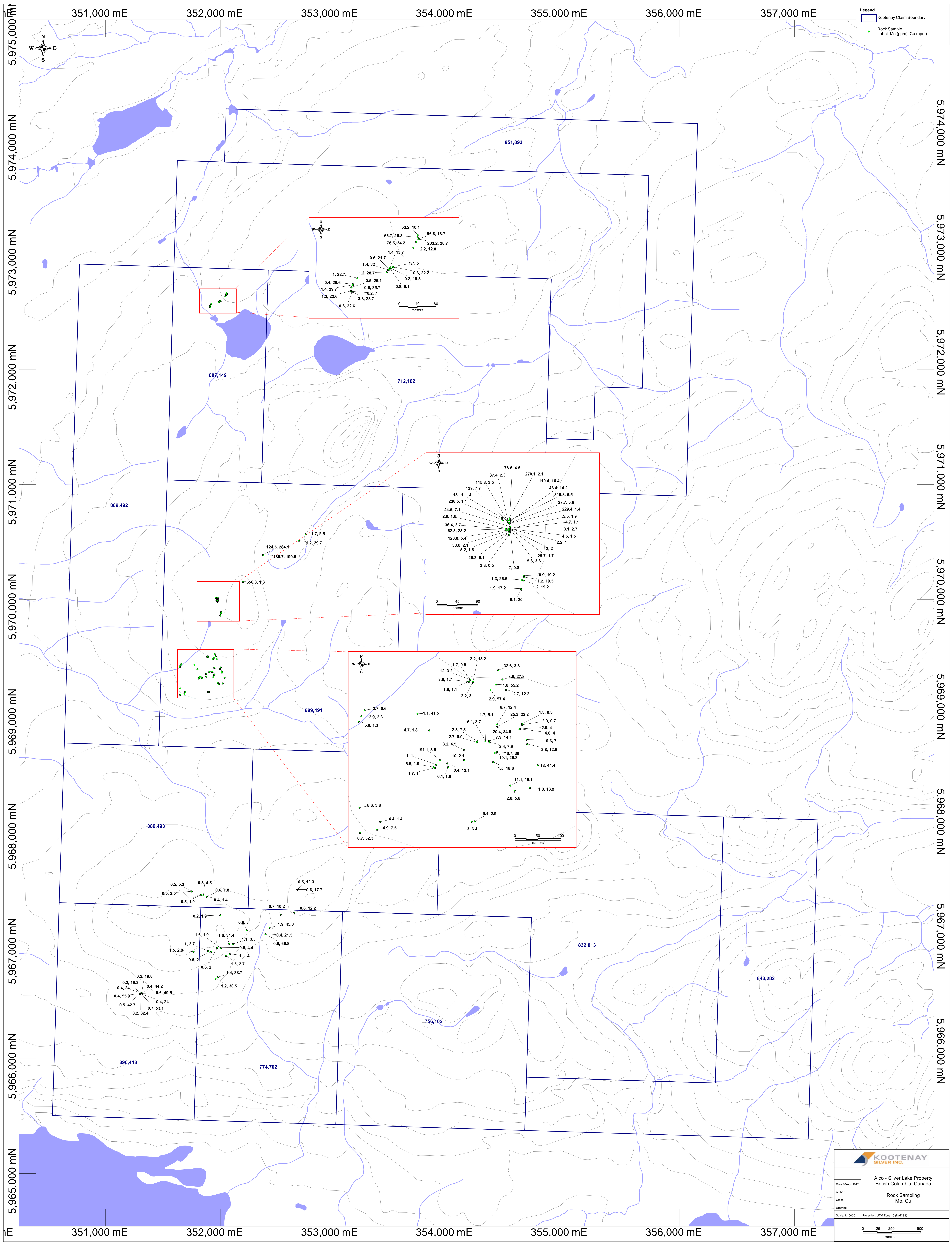


Legend  
 Kootenay Claim Boundary  
 Rock Sample  
 Label: Hg (ppm), Te (ppm)

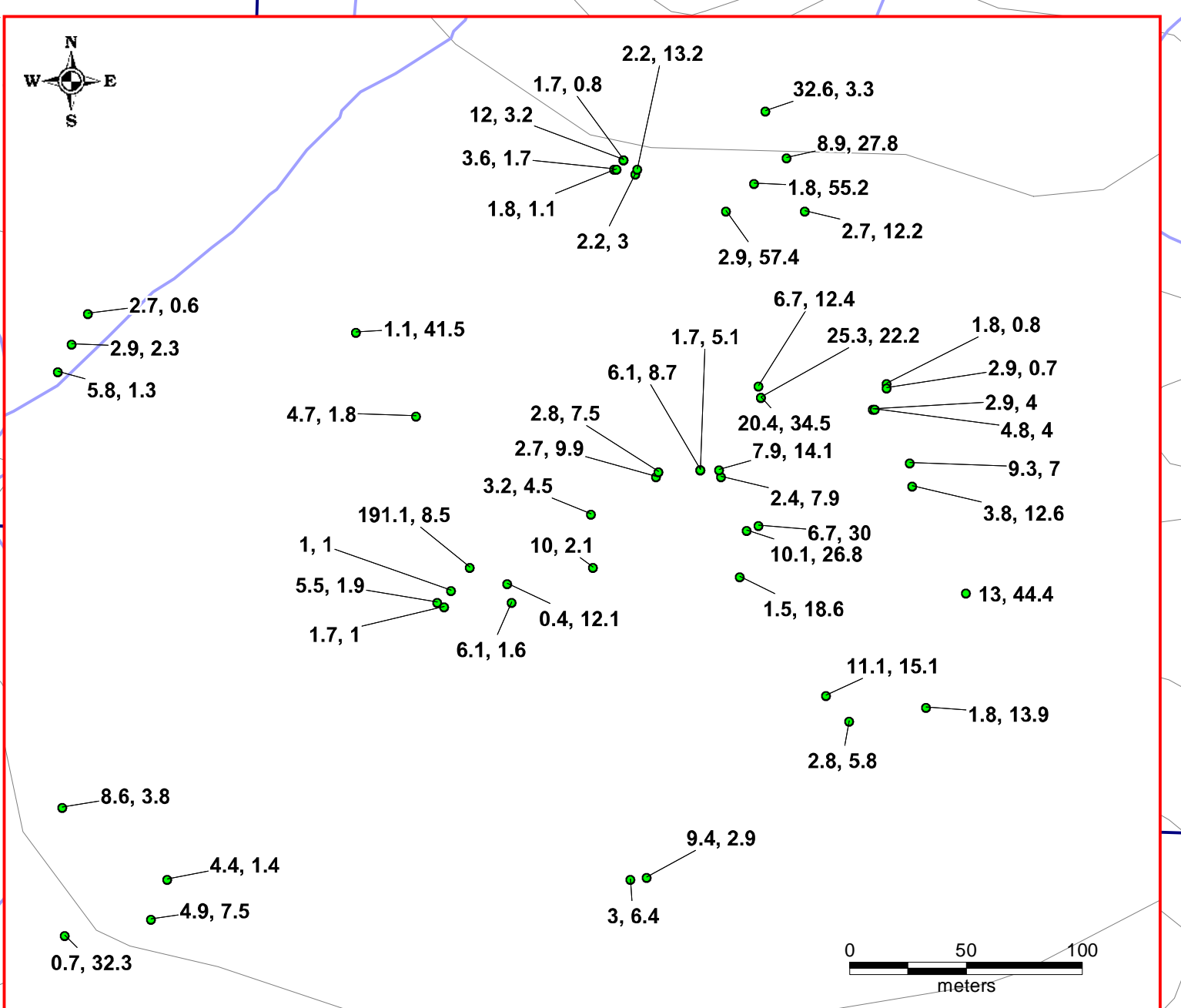
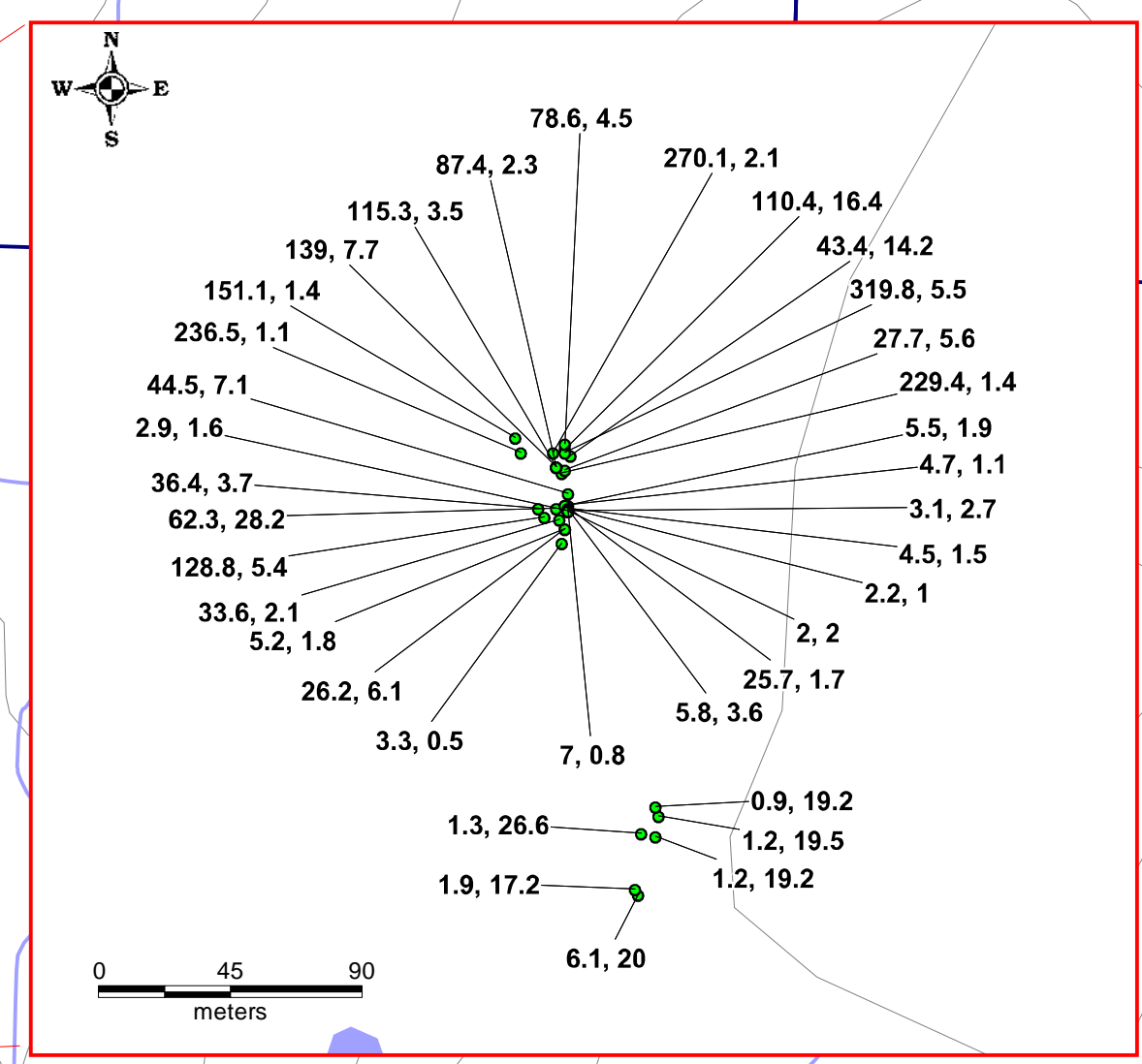
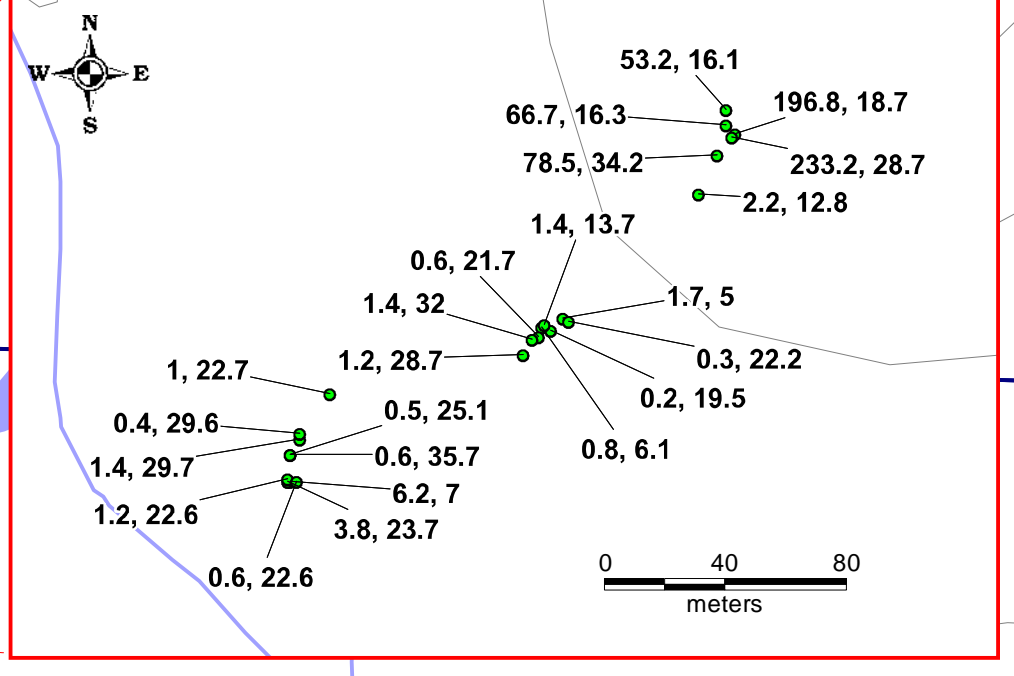
**KOOTENAY SILVER INC.**  
 Alco - Silver Lake Property  
 British Columbia, Canada  
 Date: 16-Apr-2012  
 Author:  
 Office:  
 Drawing:  
 Scale: 1:10000  
 Projection: UTM Zone 10 (NAD 83)







Legend  
 Kootenay Claim Boundary  
 Rock Sample  
 Label: Mo (ppm), Cu (ppm)



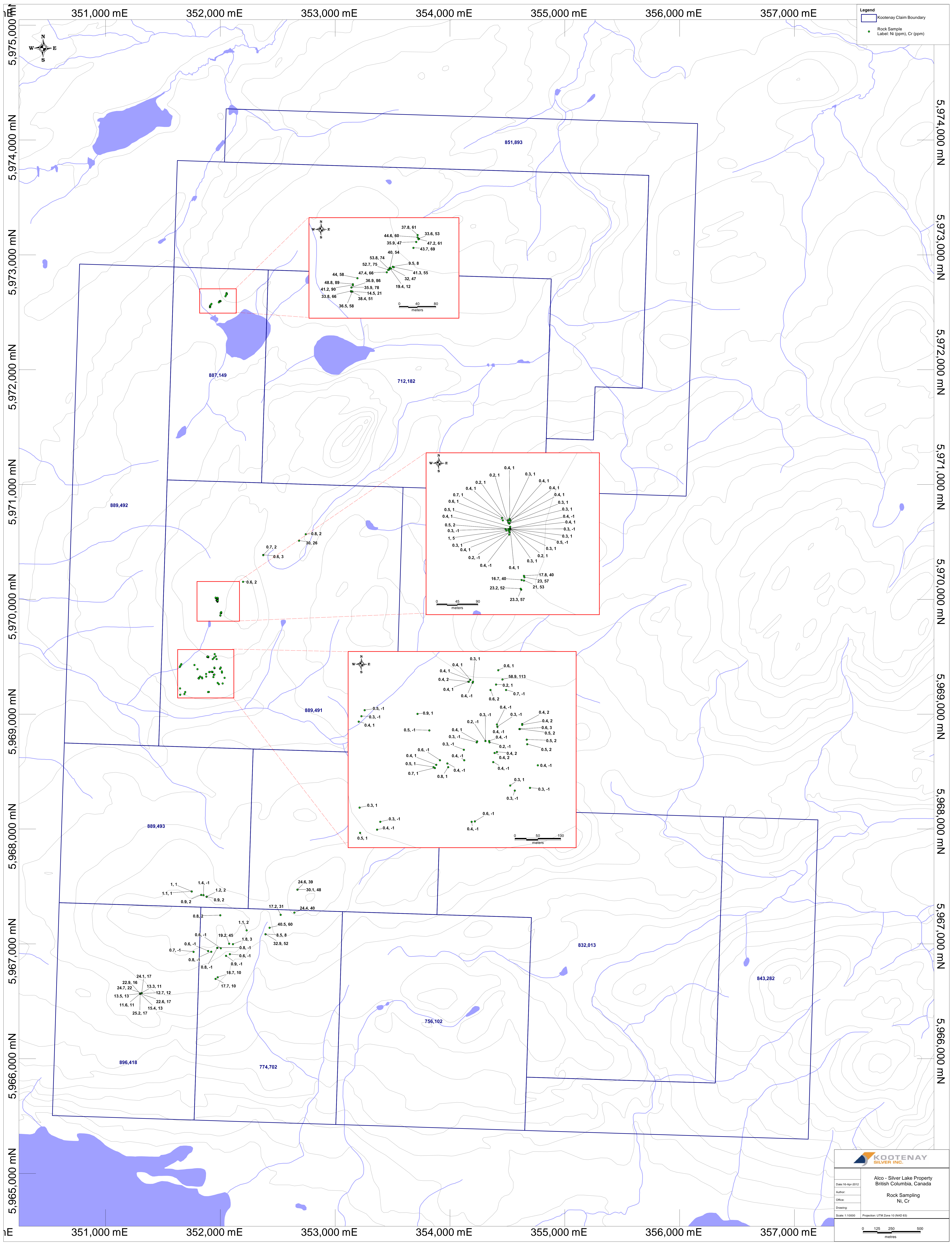
**KOOTENAY SILVER INC.**

Alco - Silver Lake Property  
 British Columbia, Canada

Date: 16-Apr-2012  
 Author:  
 Office:  
 Drawing:  
 Scale: 1:10000  
 Projection: UTM Zone 10 (NAD 83)

Rock Sampling  
 Mo, Cu



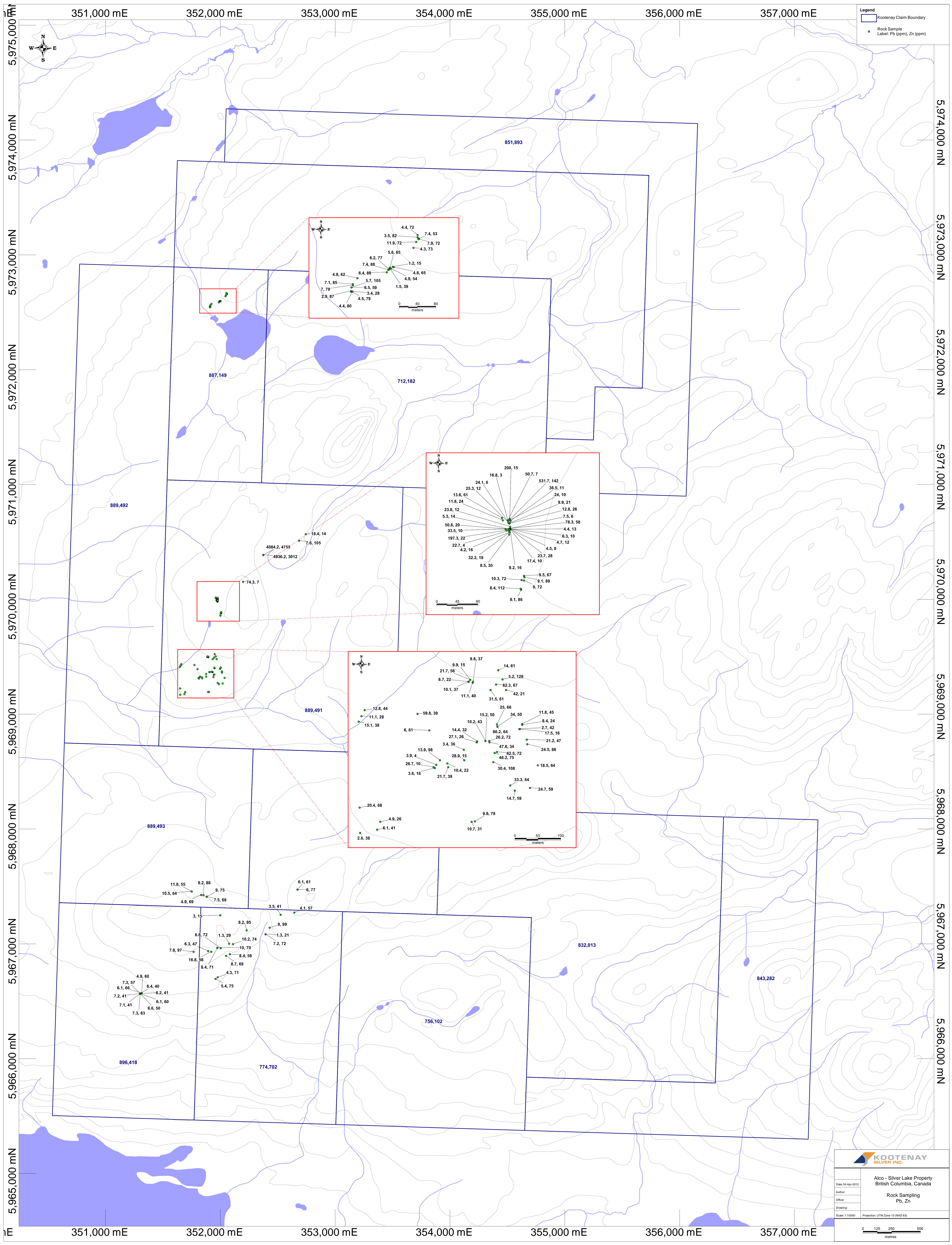


**Legend**  
 Kootenay Claim Boundary  
 Rock Sample  
 Label: Ni (ppm), Cr (ppm)

**KOOTENAY SILVER INC.**  
 Alco - Silver Lake Property  
 British Columbia, Canada  
 Date: 16-Apr-2012  
 Author:  
 Office:  
 Drawing:  
 Scale: 1:10000  
 Projection: UTM Zone 10 (NAD 83)

0 125 250 500  
 metres





**KOOTENAY SILVER INC.**

Alco - Silver Lake Property  
British Columbia, Canada

Date: 16-Apr-2012  
Author:  
Office:  
Drawing:  
Scale: 1:10000  
Projection: UTM Zone 10 (NAD 83)

Rock Sampling  
Pb, Zn

0 125 250 500  
metres





1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kootenay Gold Inc.
Suite 920 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 Canada

Submitted By: Email Distribution List - Soil & Rock
Receiving Lab: Canada-Vancouver
Received: October 03, 2011
Report Date: October 25, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN11005194.1

CLIENT JOB INFORMATION

Project: Silver Lake
Shipment ID:
P.O. Number
Number of Samples: 53

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Contains two rows of sample preparation data.

SAMPLE DISPOSAL

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

ADDITIONAL COMMENTS

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: Kootenay Gold Inc.
Suite 920 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
Canada

CC:



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





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

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: Silver Lake  
 Report Date: October 25, 2011

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

VAN11005194.1

Method Analyte Unit MDL	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
	0.01	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	
MK11-466	Rock	0.30	6.2	7.0	3.4	28	<0.1	14.5	6.4	204	2.43	183.2	0.2	3.5	0.4	38	<0.1	17.8	<0.1	47	0.32
MK11-467	Rock	0.69	3.8	23.7	4.5	79	<0.1	38.4	19.1	515	4.76	236.6	0.3	2.8	0.7	51	<0.1	15.7	<0.1	120	0.90
MK11-468	Rock	0.48	1.2	22.6	2.9	87	<0.1	33.8	17.9	572	4.68	8.6	0.5	<0.5	1.3	40	<0.1	0.9	<0.1	124	0.70
MK11-469	Rock	0.62	0.6	22.6	4.4	80	<0.1	36.5	19.2	640	4.54	6.5	0.3	<0.5	0.8	74	0.2	0.2	<0.1	114	1.71
MK11-470	Rock	0.57	0.6	35.7	6.5	59	<0.1	35.9	12.1	527	3.71	6.0	0.3	<0.5	1.1	47	0.2	0.5	<0.1	80	1.31
MK11-471	Rock	0.56	0.5	25.1	5.7	105	<0.1	36.9	12.9	433	4.15	2.6	0.4	<0.5	1.6	28	<0.1	0.4	<0.1	85	0.76
MK11-472	Rock	0.56	1.4	29.7	7.0	79	<0.1	41.2	10.3	260	4.64	6.9	0.6	<0.5	2.4	36	<0.1	0.4	<0.1	95	0.69
MK11-473	Rock	0.60	0.4	29.6	7.1	85	<0.1	48.8	15.4	720	4.48	3.0	0.4	<0.5	1.5	37	0.1	0.3	<0.1	100	1.00
MK11-474	Rock	0.71	1.0	22.7	4.8	62	0.3	44.0	15.1	513	2.63	5.2	0.4	1.7	1.0	62	0.1	0.4	<0.1	70	1.98
MK11-475	Rock	0.40	66.7	16.3	3.5	82	<0.1	44.6	14.9	291	3.97	173.6	0.3	0.7	0.8	22	<0.1	6.4	<0.1	95	0.40
MK11-476	Rock	0.99	53.2	16.1	4.4	72	<0.1	37.8	12.4	272	3.53	189.8	0.2	2.2	0.8	24	<0.1	5.3	<0.1	80	0.38
MK11-477	Rock	0.53	196.8	18.7	7.4	53	0.1	33.6	9.6	207	3.05	224.5	0.2	4.1	0.8	20	<0.1	7.9	<0.1	58	0.31
MK11-478	Rock	0.35	233.2	28.7	7.9	72	0.2	47.2	13.5	271	4.44	741.8	0.3	17.3	1.0	31	<0.1	17.9	<0.1	69	0.58
MK11-479	Rock	0.28	78.5	34.2	11.9	72	0.3	35.9	13.3	262	6.84	1845	0.3	15.2	0.8	152	0.2	58.2	0.1	87	0.32
MK11-480	Rock	0.41	2.2	12.8	4.3	73	<0.1	43.7	15.7	231	4.56	983.5	0.5	25.9	1.0	702	<0.1	11.7	<0.1	97	0.42
MK11-481	Rock	0.57	1.7	5.0	1.2	15	<0.1	9.5	3.3	108	0.89	4.1	<0.1	<0.5	0.1	1654	<0.1	0.2	<0.1	16	0.20
MK11-482	Rock	0.39	0.3	22.2	4.8	65	<0.1	41.3	14.4	378	2.57	3.3	0.2	<0.5	0.7	>10000	<0.1	0.3	<0.1	52	0.52
MK11-483	Rock	0.39	0.8	6.1	1.5	39	<0.1	19.4	5.6	299	1.75	6.5	<0.1	<0.5	0.2	7060	<0.1	0.5	<0.1	33	0.34
MK11-484	Rock	0.32	0.2	19.5	4.9	54	<0.1	32.0	12.8	409	2.32	12.8	0.1	<0.5	0.6	>10000	<0.1	0.5	<0.1	52	1.28
MK11-485	Rock	0.80	1.4	13.7	5.6	65	<0.1	40.0	13.5	920	2.92	4.9	0.2	<0.5	0.6	>10000	0.2	0.4	<0.1	63	2.02
MK11-486	Rock	0.35	0.6	21.7	6.2	77	<0.1	53.8	17.2	600	3.70	4.2	0.3	<0.5	0.9	3967	0.1	0.6	<0.1	71	0.96
MK11-487	Rock	0.79	1.4	32.0	7.4	88	<0.1	52.7	19.2	625	3.66	11.8	0.2	<0.5	1.0	9749	0.1	0.5	<0.1	80	0.83
MK11-488	Rock	0.57	1.2	28.7	6.4	88	0.1	47.4	17.2	650	3.43	13.4	0.2	<0.5	1.0	>10000	0.2	0.5	<0.1	73	0.96
MK11-489	Rock	0.64	20.4	34.5	86.2	64	2.0	0.4	0.3	123	4.25	36.0	2.5	38.7	8.4	45	<0.1	3.7	<0.1	13	0.06
MK11-490	Rock	0.67	25.3	22.2	34.0	50	0.6	0.3	0.3	404	2.63	36.3	3.3	51.1	11.1	24	<0.1	2.2	<0.1	12	0.07
MK11-491	Rock	0.78	6.7	12.4	25.0	66	0.8	0.4	1.2	447	3.17	43.1	5.5	23.7	10.9	18	0.1	1.6	<0.1	9	0.12
MK11-492	Rock	1.15	2.4	7.9	47.6	34	8.3	0.2	0.1	53	1.88	15.7	1.3	151.1	6.7	13	<0.1	2.4	<0.1	4	0.03
MK11-493	Rock	0.79	7.9	14.1	26.2	72	6.1	0.4	0.5	205	4.63	22.4	2.0	379.8	11.6	11	<0.1	1.5	<0.1	15	0.09
MK11-494	Rock	0.50	1.7	5.1	15.2	50	0.8	0.3	0.4	198	2.10	15.7	2.4	433.5	9.8	19	<0.1	1.1	<0.1	9	0.12
MK11-495	Rock	0.43	6.1	8.7	10.2	43	0.4	0.2	0.3	153	3.34	37.6	1.7	40.2	10.1	10	<0.1	2.2	<0.1	13	0.07

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Acme Analytical Laboratories (Vancouver) Ltd.  
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
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Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: Silver Lake  
 Report Date: October 25, 2011

Page: 2 of 3 Part 2

CERTIFICATE OF ANALYSIS

VAN11005194.1

Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	P	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	0.001	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	
MK11-466	Rock	0.103	7	21	0.54	29	0.045	<1	0.87	0.021	0.06	0.2	0.36	2.8	0.1	0.07	6	<0.5	<0.2
MK11-467	Rock	0.291	21	51	1.75	47	0.068	<1	2.30	0.050	0.08	0.1	0.17	5.2	<0.1	0.25	14	<0.5	<0.2
MK11-468	Rock	0.277	16	66	1.49	71	0.014	<1	2.47	0.033	0.20	0.1	<0.01	4.4	<0.1	<0.05	13	<0.5	<0.2
MK11-469	Rock	0.276	20	58	1.93	45	0.205	<1	2.71	0.037	0.10	0.1	0.01	5.0	<0.1	<0.05	13	<0.5	<0.2
MK11-470	Rock	0.197	24	78	0.73	74	0.132	<1	2.14	0.044	0.19	1.0	<0.01	4.2	<0.1	<0.05	10	<0.5	<0.2
MK11-471	Rock	0.232	25	86	0.95	62	0.178	<1	2.09	0.051	0.31	0.9	<0.01	4.5	<0.1	<0.05	12	<0.5	<0.2
MK11-472	Rock	0.217	32	90	0.90	54	0.242	<1	1.79	0.043	0.16	0.2	<0.01	5.3	<0.1	0.31	11	<0.5	<0.2
MK11-473	Rock	0.198	26	89	1.06	95	0.204	<1	2.28	0.040	0.25	0.9	<0.01	4.8	<0.1	<0.05	11	<0.5	<0.2
MK11-474	Rock	0.137	17	58	0.91	64	0.134	<1	3.30	0.033	0.14	0.2	<0.01	3.7	<0.1	<0.05	9	<0.5	<0.2
MK11-475	Rock	0.166	21	60	2.13	45	0.010	<1	2.45	0.047	0.06	<0.1	0.04	5.9	0.1	<0.05	14	<0.5	<0.2
MK11-476	Rock	0.166	20	61	1.77	62	0.009	<1	2.08	0.054	0.07	<0.1	0.01	5.3	0.2	<0.05	12	<0.5	<0.2
MK11-477	Rock	0.157	20	53	1.23	55	0.006	<1	1.64	0.034	0.11	<0.1	0.06	3.9	0.4	<0.05	9	<0.5	<0.2
MK11-478	Rock	0.194	24	61	1.42	78	0.005	<1	2.31	0.034	0.13	0.1	0.13	4.4	0.6	<0.05	11	<0.5	<0.2
MK11-479	Rock	0.122	16	47	1.23	256	0.009	<1	1.73	0.040	0.10	<0.1	1.02	4.5	0.6	0.12	13	<0.5	<0.2
MK11-480	Rock	0.192	25	69	2.04	930	0.015	<1	2.30	0.060	0.07	0.1	0.17	5.4	<0.1	<0.05	15	<0.5	<0.2
MK11-481	Rock	0.022	3	8	0.22	1263	0.008	<1	0.45	0.004	0.02	<0.1	<0.01	0.6	<0.1	<0.05	2	<0.5	<0.2
MK11-482	Rock	0.157	24	55	1.13	>10000	0.035	<1	3.41	0.034	0.21	<0.1	0.02	3.1	<0.1	<0.05	9	<0.5	0.7
MK11-483	Rock	0.014	2	12	0.57	7446	0.019	<1	1.74	0.003	0.07	0.1	<0.01	1.7	<0.1	<0.05	5	<0.5	0.3
MK11-484	Rock	0.144	19	47	0.93	>10000	0.063	<1	2.87	0.043	0.17	<0.1	0.01	2.8	<0.1	<0.05	7	<0.5	0.7
MK11-485	Rock	0.165	23	54	1.10	>10000	0.016	<1	3.15	0.038	0.19	<0.1	0.01	3.1	<0.1	<0.05	9	<0.5	0.6
MK11-486	Rock	0.217	27	74	1.17	3200	0.015	<1	2.19	0.048	0.18	0.1	<0.01	3.4	<0.1	<0.05	12	<0.5	0.3
MK11-487	Rock	0.212	29	75	1.21	>10000	0.078	<1	2.77	0.051	0.18	0.1	0.01	5.3	<0.1	<0.05	11	<0.5	0.5
MK11-488	Rock	0.187	27	66	1.16	>10000	0.075	<1	3.11	0.046	0.19	0.1	0.01	5.2	<0.1	<0.05	11	<0.5	0.5
MK11-489	Rock	0.038	5	<1	0.05	67	0.042	<1	0.51	0.048	0.17	<0.1	<0.01	1.7	<0.1	<0.05	9	0.8	<0.2
MK11-490	Rock	0.028	8	<1	0.04	50	0.049	<1	0.55	0.048	0.17	0.1	<0.01	2.2	<0.1	<0.05	9	<0.5	<0.2
MK11-491	Rock	0.038	18	<1	0.05	56	0.041	<1	0.94	0.042	0.15	<0.1	<0.01	3.4	<0.1	<0.05	8	1.2	<0.2
MK11-492	Rock	0.024	7	<1	0.02	66	0.028	<1	0.31	0.052	0.18	<0.1	<0.01	1.2	<0.1	0.08	2	1.1	<0.2
MK11-493	Rock	0.023	8	<1	0.07	43	0.051	<1	0.75	0.041	0.24	4.0	<0.01	4.5	<0.1	<0.05	7	1.2	<0.2
MK11-494	Rock	0.031	16	<1	0.06	36	0.067	<1	0.65	0.040	0.13	0.3	<0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
MK11-495	Rock	0.031	8	<1	0.06	33	0.082	<1	0.50	0.040	0.18	0.2	<0.01	2.9	<0.1	<0.05	9	<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.



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

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: Silver Lake  
 Report Date: October 25, 2011

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

VAN11005194.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	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	
MK11-496	Rock	0.52	2.7	9.9	27.1	26	77.7	0.3	0.4	210	2.21	13.5	1.5	316.7	11.0	11	<0.1	1.1	0.2	2	0.07
MK11-497	Rock	0.66	2.8	7.5	14.4	32	18.1	0.4	0.5	183	1.83	11.5	3.1	82.4	9.6	13	<0.1	1.1	0.2	5	0.11
MK11-498	Rock	0.89	3.2	4.5	3.4	36	4.3	0.3	0.2	53	2.23	5.5	2.8	14.7	13.1	4	<0.1	0.8	0.4	8	0.03
MK11-499	Rock	0.40	10.0	2.1	28.9	15	0.7	0.4	0.3	64	1.76	8.1	2.0	7.6	9.8	5	<0.1	0.7	3.5	9	0.04
MK11-500	Rock	0.89	1.1	41.5	59.8	39	11.7	0.9	1.7	650	1.32	5.9	1.7	530.7	9.7	11	<0.1	3.0	0.4	6	0.11
MK11-501	Rock	0.63	0.4	12.1	10.4	22	1.7	0.4	0.4	133	0.66	1.1	1.1	11.9	7.4	7	<0.1	0.3	0.1	4	0.14
MK11-502	Rock	0.65	6.1	1.6	21.7	39	<0.1	0.8	1.1	221	1.42	1.2	3.7	<0.5	11.0	10	<0.1	0.4	0.3	8	0.11
MK11-503	Rock	0.55	5.8	1.3	15.1	38	<0.1	0.4	0.8	202	1.94	1.9	2.1	1.2	13.3	13	<0.1	0.4	0.2	9	0.07
MK11-504	Rock	0.71	2.9	2.3	11.1	28	<0.1	0.3	0.9	190	1.24	0.8	2.2	<0.5	11.0	9	<0.1	0.3	0.1	8	0.12
MK11-505	Rock	0.82	2.7	0.6	12.8	44	<0.1	0.5	1.3	276	1.39	0.6	2.6	1.2	9.1	11	<0.1	0.2	0.2	6	0.15
MK11-506	Rock	0.58	4.7	1.8	6.0	61	<0.1	0.5	1.1	227	1.97	1.3	3.3	<0.5	11.4	6	<0.1	0.3	0.5	12	0.11
MK11-507	Rock	0.41	191.1	8.5	13.9	98	1.6	0.6	1.3	317	2.19	3.2	6.5	1.2	9.0	5	<0.1	1.3	1.7	13	0.09
MK11-508	Rock	0.50	1.0	1.0	3.9	4	0.6	0.4	<0.1	32	0.21	0.8	1.5	<0.5	4.4	1	<0.1	0.2	1.8	<2	0.09
MK11-509	Rock	0.82	5.5	1.9	26.7	10	1.9	0.5	0.3	83	1.34	9.7	3.0	3.0	2.3	1	<0.1	0.4	3.8	<2	0.03
MK11-510	Rock	1.08	1.7	1.0	3.6	16	0.4	0.7	0.5	134	0.52	0.7	0.7	0.8	3.8	2	<0.1	0.2	0.6	<2	0.03
MK11-511	Rock	0.52	4.9	7.5	6.1	41	0.2	0.4	0.6	284	0.94	1.4	1.4	2.0	9.0	4	<0.1	0.5	<0.1	6	0.08
MK11-512	Rock	0.40	0.7	32.3	2.6	38	<0.1	0.5	0.7	268	0.73	0.8	1.1	27.8	5.8	4	<0.1	0.3	<0.1	4	0.06
MK11-513	Rock	0.40	8.6	3.8	20.4	68	0.1	0.3	0.7	185	1.53	7.6	4.2	<0.5	10.3	6	<0.1	0.6	0.1	8	0.10
MK11-514	Rock	0.62	4.4	1.4	4.9	26	0.2	0.3	0.2	80	1.15	3.4	3.6	1.4	11.0	6	<0.1	0.7	<0.1	6	0.02
MK11-515	Rock	0.36	3.0	6.4	10.7	31	<0.1	0.4	0.3	185	2.74	3.9	2.5	1.1	8.2	8	<0.1	0.7	0.4	9	0.07
MK11-516	Rock	0.63	9.4	2.9	9.8	78	0.2	0.6	0.5	221	2.70	4.4	2.9	<0.5	8.7	8	0.1	0.6	0.7	10	0.05
MK11-517	Rock	0.57	2.8	5.8	14.7	59	0.1	0.3	0.5	279	2.77	7.5	2.7	4.1	10.1	8	0.1	1.1	<0.1	12	0.06
MK11-518	Rock	1.12	1.8	13.9	24.7	59	0.2	0.3	0.4	194	2.93	4.7	2.5	29.1	9.8	11	0.1	0.9	<0.1	17	0.09



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

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: Silver Lake  
 Report Date: October 25, 2011

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CERTIFICATE OF ANALYSIS

VAN11005194.1

Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	P	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	0.001	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	
MK11-496	Rock	0.020	17	<1	0.01	79	0.050	<1	0.42	0.040	0.14	0.3	0.02	2.8	<0.1	0.06	2	0.9	<0.2
MK11-497	Rock	0.033	25	1	0.04	35	0.044	<1	0.47	0.036	0.15	<0.1	<0.01	4.7	<0.1	<0.05	4	0.7	<0.2
MK11-498	Rock	0.032	20	<1	0.02	30	0.010	<1	0.49	0.027	0.11	<0.1	<0.01	2.1	<0.1	<0.05	4	0.9	<0.2
MK11-499	Rock	0.031	16	<1	0.04	32	0.080	<1	0.40	0.036	0.12	0.2	<0.01	1.3	<0.1	<0.05	5	1.1	<0.2
MK11-500	Rock	0.016	26	1	0.07	72	0.022	<1	0.59	0.032	0.19	<0.1	0.02	1.7	<0.1	<0.05	4	<0.5	0.2
MK11-501	Rock	0.020	25	<1	0.07	34	0.055	<1	0.43	0.038	0.17	0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
MK11-502	Rock	0.024	21	1	0.14	45	0.076	<1	0.60	0.057	0.13	0.2	<0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
MK11-503	Rock	0.041	19	1	0.11	46	0.065	<1	0.48	0.059	0.10	0.4	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
MK11-504	Rock	0.024	25	<1	0.11	51	0.083	<1	0.59	0.057	0.14	0.4	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
MK11-505	Rock	0.019	13	<1	0.17	73	0.056	<1	0.86	0.042	0.23	0.3	<0.01	1.4	0.2	<0.05	5	<0.5	<0.2
MK11-506	Rock	0.027	21	<1	0.17	76	0.061	<1	0.97	0.034	0.20	0.1	<0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
MK11-507	Rock	0.031	27	<1	0.15	40	0.070	<1	1.07	0.035	0.23	0.3	<0.01	2.7	<0.1	<0.05	7	0.6	<0.2
MK11-508	Rock	0.005	4	1	0.02	20	0.064	<1	0.19	0.005	0.09	0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
MK11-509	Rock	0.009	1	1	0.03	5	0.059	<1	0.16	0.002	0.04	<0.1	0.01	0.4	<0.1	<0.05	<1	0.6	<0.2
MK11-510	Rock	0.006	5	1	0.05	23	0.012	<1	0.30	0.004	0.11	<0.1	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2
MK11-511	Rock	0.025	17	<1	0.14	61	0.058	<1	0.54	0.043	0.14	0.3	<0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
MK11-512	Rock	0.017	10	1	0.07	30	0.035	<1	0.42	0.020	0.12	0.2	<0.01	0.9	<0.1	<0.05	3	<0.5	0.2
MK11-513	Rock	0.038	25	1	0.10	36	0.074	<1	0.50	0.050	0.15	0.2	0.01	2.0	<0.1	<0.05	3	1.1	<0.2
MK11-514	Rock	0.026	13	<1	0.03	38	0.099	<1	0.33	0.042	0.14	0.1	0.01	1.8	<0.1	<0.05	3	<0.5	<0.2
MK11-515	Rock	0.018	14	<1	0.07	34	0.085	<1	0.57	0.035	0.16	0.1	<0.01	1.6	<0.1	<0.05	8	<0.5	<0.2
MK11-516	Rock	0.036	14	<1	0.07	38	0.073	<1	0.56	0.032	0.20	<0.1	<0.01	1.8	<0.1	<0.05	7	<0.5	<0.2
MK11-517	Rock	0.033	16	<1	0.04	35	0.075	<1	0.71	0.038	0.13	0.1	<0.01	3.1	<0.1	<0.05	6	0.9	<0.2
MK11-518	Rock	0.032	17	<1	0.05	37	0.090	<1	0.79	0.043	0.18	0.9	<0.01	4.0	<0.1	<0.05	6	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: Silver Lake  
 Report Date: October 25, 2011

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QUALITY CONTROL REPORT

VAN11005194.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	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	
Pulp Duplicates																					
MK11-473	Rock	0.60	0.4	29.6	7.1	85	<0.1	48.8	15.4	720	4.48	3.0	0.4	<0.5	1.5	37	0.1	0.3	<0.1	100	1.00
REP MK11-473	QC		0.6	29.2	6.9	86	<0.1	48.7	15.1	709	4.42	3.1	0.4	<0.5	1.5	36	0.2	0.3	<0.1	97	0.98
REP MK11-490	QC		24.8	21.1	32.8	47	0.6	0.3	0.3	390	2.57	35.6	3.2	37.3	10.6	23	<0.1	2.3	<0.1	12	0.07
MK11-503	Rock	0.55	5.8	1.3	15.1	38	<0.1	0.4	0.8	202	1.94	1.9	2.1	1.2	13.3	13	<0.1	0.4	0.2	9	0.07
REP MK11-503	QC		6.2	1.3	15.4	37	<0.1	0.5	0.7	203	1.98	1.8	2.2	1.5	13.0	13	<0.1	0.4	0.2	9	0.08
Core Reject Duplicates																					
MK11-490	Rock	0.67	25.3	22.2	34.0	50	0.6	0.3	0.3	404	2.63	36.3	3.3	51.1	11.1	24	<0.1	2.2	<0.1	12	0.07
DUP MK11-490	QC		25.6	20.8	34.3	47	0.6	0.2	0.3	381	2.57	34.1	3.3	34.0	10.7	21	<0.1	2.2	<0.1	11	0.07
Reference Materials																					
STD DS8	Standard		12.3	108.5	123.8	317	1.8	37.7	7.4	598	2.42	29.3	2.7	117.8	6.7	67	2.3	5.7	6.7	41	0.73
STD DS8	Standard		12.8	100.9	115.4	289	1.6	35.8	7.1	579	2.32	22.9	2.6	104.9	6.6	62	2.3	5.1	6.3	38	0.68
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7
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
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
Prep Wash																					
G1	Prep Blank	<0.01	0.1	2.5	3.1	41	<0.1	2.7	3.5	532	1.80	<0.5	1.7	<0.5	5.7	63	<0.1	0.1	<0.1	34	0.48
G1	Prep Blank	<0.01	0.1	2.8	3.0	40	<0.1	3.2	3.6	523	1.82	<0.5	1.7	<0.5	5.8	68	<0.1	<0.1	<0.1	34	0.53



Acme Analytical Laboratories (Vancouver) Ltd.

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Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Kootenay Gold Inc.**  
Suite 920 - 1055 W. Hastings St.  
Vancouver BC V6E 2E9 Canada

Project: Silver Lake  
Report Date: October 25, 2011

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

VAN11005194.1

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30		
Analyte		P	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		0.001	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																				
MK11-473	Rock	0.198	26	89	1.06	95	0.204	<1	2.28	0.040	0.25	0.9	<0.01	4.8	<0.1	<0.05	11	<0.5	<0.2	
REP MK11-473	QC	0.197	25	87	1.04	93	0.204	<1	2.25	0.040	0.24	0.8	<0.01	4.8	<0.1	<0.05	11	<0.5	<0.2	
REP MK11-490	QC	0.027	8	<1	0.04	50	0.049	<1	0.53	0.047	0.17	<0.1	<0.01	2.2	<0.1	<0.05	8	<0.5	<0.2	
MK11-503	Rock	0.041	19	1	0.11	46	0.065	<1	0.48	0.059	0.10	0.4	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2	
REP MK11-503	QC	0.042	18	1	0.11	44	0.067	<1	0.48	0.060	0.10	0.4	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2	
Core Reject Duplicates																				
MK11-490	Rock	0.028	8	<1	0.04	50	0.049	<1	0.55	0.048	0.17	0.1	<0.01	2.2	<0.1	<0.05	9	<0.5	<0.2	
DUP MK11-490	QC	0.027	8	<1	0.04	48	0.051	<1	0.55	0.048	0.17	0.1	<0.01	2.0	<0.1	<0.05	8	<0.5	<0.2	
Reference Materials																				
STD DS8	Standard	0.078	15	111	0.61	272	0.117	3	0.92	0.084	0.41	3.1	0.20	2.0	5.5	0.17	5	4.6	5.2	
STD DS8	Standard	0.072	15	110	0.57	256	0.115	2	0.88	0.088	0.38	2.7	0.17	2.1	5.1	0.15	4	5.0	4.8	
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
BLK	Blank	<0.001	<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	<0.001	<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	
Prep Wash																				
G1	Prep Blank	0.067	14	3	0.44	145	0.119	<1	0.89	0.104	0.44	0.2	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.064	15	4	0.45	157	0.122	<1	0.99	0.128	0.46	0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: Kootenay Gold Inc.
Suite 920 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 Canada

Submitted By: Email Distribution List - Soil & Rock
Receiving Lab: Canada-Vancouver
Received: September 26, 2011
Report Date: October 19, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN11005254.1

CLIENT JOB INFORMATION

Project: Silver Lake
Shipment ID:
P.O. Number
Number of Samples: 26

SAMPLE DISPOSAL

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

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

Invoice To: Kootenay Gold Inc.
Suite 920 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-250, 1DX3, and G6Gr.

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.



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

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

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 Report Date: October 19, 2011

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CERTIFICATE OF ANALYSIS

VAN11005254.1

Method	Analyte	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit	MDL	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	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
SAK11-217	Rock	0.61	185.7	190.6	4936	3012	>100	0.6	0.8	47	2.34	22.6	1.7	2497	8.3	31	16.9	65.6	1.5	5	0.06
SAK11-218	Rock	0.48	124.5	284.1	4084	4755	78.5	0.7	1.2	44	1.73	18.7	2.2	1291	8.9	21	27.1	52.2	1.0	4	0.06
MK11-426	Rock	0.52	1.7	2.5	18.4	14	0.4	0.8	1.2	101	1.00	2.3	1.6	2.8	6.3	37	<0.1	0.8	0.2	3	0.29
MK11-427	Rock	0.46	1.2	29.7	7.6	105	<0.1	30.0	17.2	734	4.55	5.9	0.9	<0.5	3.3	47	<0.1	1.8	0.1	103	0.57
MK11-428	Rock	0.80	2.2	3.0	11.1	40	<0.1	0.4	0.4	169	1.26	3.4	2.5	<0.5	10.7	6	<0.1	0.6	<0.1	9	0.05
MK11-429	Rock	0.66	2.2	13.2	9.8	37	0.2	0.3	0.4	193	1.20	3.2	2.4	12.1	11.1	7	<0.1	0.7	<0.1	8	0.07
MK11-430	Rock	0.56	3.6	1.7	8.7	22	<0.1	0.4	0.3	172	1.99	7.3	1.8	4.1	10.6	11	<0.1	0.8	<0.1	9	0.04
MK11-431	Rock	0.94	1.8	1.1	10.1	37	<0.1	0.4	0.4	183	1.68	6.0	2.2	3.3	12.4	11	<0.1	0.5	<0.1	8	0.08
MK11-432	Rock	0.68	12.0	3.2	21.7	56	<0.1	0.4	0.6	231	3.53	20.6	2.6	4.3	11.2	10	<0.1	1.1	<0.1	14	0.07
MK11-433	Rock	0.80	1.7	0.8	9.9	15	<0.1	0.4	0.3	120	0.87	4.1	1.8	1.7	11.9	12	<0.1	0.4	<0.1	6	0.09
MK11-434	Rock	0.58	2.9	57.4	31.5	61	0.7	0.6	1.1	1074	1.76	12.6	1.4	12.4	6.6	7	<0.1	2.1	<0.1	6	0.06
MK11-435	Rock	0.58	1.8	55.2	62.3	67	8.8	0.2	0.3	147	2.38	6.3	2.0	15.6	10.1	9	<0.1	1.5	<0.1	9	0.11
MK11-436	Rock	0.40	32.6	3.3	14.0	61	0.1	0.6	1.5	497	1.63	23.1	3.8	3.7	12.2	7	0.1	5.4	0.7	8	0.05
MK11-437	Rock	0.51	8.9	27.8	5.2	128	<0.1	58.9	17.1	945	4.37	5.4	0.7	0.6	1.6	107	0.1	1.5	0.5	86	1.16
MK11-438	Rock	0.36	2.7	12.2	42.0	21	12.5	0.7	0.5	64	0.64	1.2	1.3	67.7	7.6	8	<0.1	1.0	<0.1	4	0.12
MK11-439	Rock	0.74	1.8	0.8	11.8	45	0.2	0.4	0.4	115	0.85	3.1	2.2	1.6	10.5	9	<0.1	0.5	<0.1	6	0.11
MK11-440	Rock	0.42	2.9	0.7	8.4	24	<0.1	0.4	0.1	83	1.03	4.9	4.4	2.3	11.4	8	<0.1	0.6	<0.1	8	0.07
MK11-441	Rock	0.93	2.9	4.0	2.7	42	0.2	0.6	2.1	1200	1.01	1.9	1.7	<0.5	11.1	43	0.3	1.5	<0.1	8	0.33
MK11-442	Rock	0.41	4.8	4.0	17.5	16	11.2	0.5	0.3	88	2.05	28.4	1.5	115.0	10.0	30	<0.1	1.8	<0.1	11	0.07
MK11-443	Rock	0.45	3.8	12.6	24.5	86	31.1	0.5	0.8	310	1.01	1.2	1.9	289.1	10.4	15	0.1	2.7	<0.1	9	0.18
MK11-444	Rock	0.56	9.3	7.0	21.2	47	0.4	0.5	0.5	272	3.01	14.8	2.8	105.4	12.3	21	<0.1	2.6	<0.1	12	0.12
MK11-445	Rock	0.36	6.7	30.0	62.5	72	5.1	0.4	0.5	210	1.49	7.1	2.5	18.2	8.5	25	0.1	1.9	<0.1	7	0.20
MK11-446	Rock	0.57	10.1	26.8	46.2	75	5.0	0.4	0.8	297	3.23	24.1	2.9	90.4	10.0	26	<0.1	2.0	<0.1	15	0.15
MK11-447	Rock	0.53	1.5	18.6	30.4	108	93.6	0.4	1.8	488	2.95	9.2	2.0	138.2	10.3	13	0.2	2.1	0.2	10	0.15
MK11-448	Rock	0.52	11.1	15.1	33.3	64	0.8	0.3	0.2	142	4.70	29.6	2.9	10.2	10.0	30	0.1	2.1	<0.1	21	0.01
MK11-449	Rock	0.50	13.0	44.4	18.5	64	1.7	0.4	0.4	147	3.26	5.9	3.0	9.7	9.4	6	0.2	2.1	<0.1	13	0.02





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

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: Silver Lake  
 Report Date: October 19, 2011

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

VAN11005254.1

Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	G6Gr
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	
MDL	0.001	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	50	
SAK11-217	Rock	0.024	15	3	0.02	48	0.021	2	0.29	0.020	0.19	0.2	0.38	1.2	0.2	1.64	3	28.2	20.3	132
SAK11-218	Rock	0.019	19	2	0.02	27	0.019	1	0.25	0.018	0.11	0.1	0.37	1.3	0.1	1.78	3	22.0	13.5	
MK11-426	Rock	0.018	21	2	0.01	219	0.001	2	0.39	0.061	0.28	<0.1	0.02	0.7	<0.1	0.68	1	<0.5	<0.2	
MK11-427	Rock	0.247	30	26	1.76	72	0.042	2	2.64	0.055	0.10	<0.1	<0.01	4.5	<0.1	<0.05	14	<0.5	<0.2	
MK11-428	Rock	0.027	15	<1	0.10	27	0.078	1	0.47	0.031	0.14	0.1	<0.01	3.6	<0.1	<0.05	4	<0.5	<0.2	
MK11-429	Rock	0.025	22	1	0.10	32	0.080	1	0.48	0.031	0.13	0.2	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2	
MK11-430	Rock	0.029	13	2	0.05	39	0.123	<1	0.38	0.062	0.18	0.4	<0.01	2.8	<0.1	<0.05	5	<0.5	<0.2	
MK11-431	Rock	0.027	20	1	0.09	39	0.091	<1	0.54	0.063	0.20	0.3	<0.01	2.9	<0.1	<0.05	5	<0.5	<0.2	
MK11-432	Rock	0.043	12	1	0.09	42	0.116	<1	0.56	0.051	0.18	0.6	<0.01	3.0	<0.1	0.05	7	<0.5	<0.2	
MK11-433	Rock	0.023	27	1	0.07	36	0.052	<1	0.41	0.046	0.16	0.3	<0.01	1.7	<0.1	<0.05	3	<0.5	<0.2	
MK11-434	Rock	0.023	15	2	0.06	35	0.021	<1	0.52	0.024	0.13	<0.1	<0.01	1.6	<0.1	<0.05	3	<0.5	<0.2	
MK11-435	Rock	0.034	25	1	0.05	30	0.033	<1	0.53	0.029	0.17	0.1	<0.01	5.1	<0.1	<0.05	3	0.8	<0.2	
MK11-436	Rock	0.035	40	1	0.07	36	0.017	<1	0.52	0.034	0.15	<0.1	<0.01	2.1	0.1	<0.05	3	<0.5	<0.2	
MK11-437	Rock	0.321	37	113	2.01	68	0.254	1	2.44	0.048	0.11	0.2	<0.01	7.3	<0.1	<0.05	11	<0.5	<0.2	
MK11-438	Rock	0.019	19	<1	0.04	34	0.060	<1	0.27	0.046	0.16	0.1	0.01	1.2	<0.1	<0.05	1	<0.5	<0.2	
MK11-439	Rock	0.020	17	2	0.08	32	0.086	<1	0.45	0.054	0.18	0.2	<0.01	1.8	<0.1	<0.05	3	<0.5	<0.2	
MK11-440	Rock	0.030	16	2	0.04	29	0.111	<1	0.44	0.045	0.15	<0.1	<0.01	2.2	<0.1	<0.05	3	<0.5	<0.2	
MK11-441	Rock	0.022	37	3	0.08	93	0.083	<1	0.63	0.047	0.21	0.3	<0.01	2.2	<0.1	<0.05	4	<0.5	<0.2	
MK11-442	Rock	0.018	19	2	0.08	124	0.080	<1	0.35	0.046	0.25	<0.1	0.02	2.7	<0.1	0.16	5	0.9	<0.2	
MK11-443	Rock	0.026	29	2	0.09	40	0.092	<1	0.56	0.050	0.16	0.2	<0.01	2.5	<0.1	<0.05	4	<0.5	<0.2	
MK11-444	Rock	0.028	14	2	0.08	50	0.045	<1	0.64	0.034	0.17	0.2	<0.01	2.9	<0.1	<0.05	9	<0.5	<0.2	
MK11-445	Rock	0.028	21	2	0.04	30	0.062	<1	0.52	0.043	0.13	0.3	<0.01	3.2	<0.1	<0.05	4	1.4	<0.2	
MK11-446	Rock	0.030	16	2	0.07	33	0.097	<1	0.67	0.032	0.17	2.1	<0.01	4.8	<0.1	<0.05	8	0.6	<0.2	
MK11-447	Rock	0.023	24	<1	0.07	45	0.044	<1	0.61	0.040	0.16	0.8	<0.01	2.7	<0.1	<0.05	4	<0.5	<0.2	
MK11-448	Rock	0.061	9	1	0.07	41	0.066	<1	0.53	0.027	0.22	0.2	<0.01	5.2	<0.1	<0.05	7	1.0	<0.2	
MK11-449	Rock	0.038	7	<1	0.04	29	0.069	<1	0.41	0.035	0.12	0.1	0.01	2.5	<0.1	<0.05	4	<0.5	<0.2	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: Silver Lake  
 Report Date: October 19, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

VAN11005254.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	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	
Pulp Duplicates																					
SAK11-218	Rock	0.48	124.5	284.1	4084	4755	78.5	0.7	1.2	44	1.73	18.7	2.2	1291	8.9	21	27.1	52.2	1.0	4	0.06
REP SAK11-218	QC		119.3	273.4	3982	4604	76.6	0.5	1.3	43	1.70	18.5	2.2	1267	8.8	21	27.0	52.7	1.0	4	0.06
MK11-440	Rock	0.42	2.9	0.7	8.4	24	<0.1	0.4	0.1	83	1.03	4.9	4.4	2.3	11.4	8	<0.1	0.6	<0.1	8	0.07
REP MK11-440	QC		3.0	0.8	9.2	26	<0.1	0.3	0.1	93	1.15	5.7	4.9	1.9	12.6	9	<0.1	0.7	<0.1	8	0.08
Core Reject Duplicates																					
MK11-429	Rock	0.66	2.2	13.2	9.8	37	0.2	0.3	0.4	193	1.20	3.2	2.4	12.1	11.1	7	<0.1	0.7	<0.1	8	0.07
DUP MK11-429	QC		2.1	13.9	10.6	36	0.3	0.5	0.4	183	1.27	4.5	2.2	35.3	10.9	7	<0.1	0.7	<0.1	8	0.07
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard		12.8	107.0	123.3	309	1.7	36.5	7.3	601	2.49	23.6	2.8	110.0	7.3	70	2.3	6.1	6.6	40	0.69
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
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
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	<0.1	2.4	3.5	44	<0.1	3.0	4.0	561	1.97	<0.5	2.0	1.1	6.4	85	<0.1	<0.1	0.2	37	0.57
G1	Prep Blank	<0.01	<0.1	2.7	3.9	49	<0.1	3.2	4.2	616	2.16	<0.5	2.2	<0.5	6.9	90	<0.1	<0.1	0.1	40	0.64



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: Silver Lake  
 Report Date: October 19, 2011

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QUALITY CONTROL REPORT

VAN11005254.1

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t
MDL		0.001	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	50	
Pulp Duplicates																				
SAK11-218	Rock	0.019	19	2	0.02	27	0.019	1	0.25	0.018	0.11	0.1	0.37	1.3	0.1	1.78	3	22.0	13.5	
REP SAK11-218	QC	0.018	19	2	0.02	27	0.019	1	0.24	0.018	0.11	0.2	0.37	1.3	0.1	1.76	3	22.3	12.9	
MK11-440	Rock	0.030	16	2	0.04	29	0.111	<1	0.44	0.045	0.15	<0.1	<0.01	2.2	<0.1	<0.05	3	<0.5	<0.2	
REP MK11-440	QC	0.035	18	2	0.05	33	0.126	<1	0.48	0.050	0.16	0.1	<0.01	2.5	<0.1	<0.05	4	<0.5	<0.2	
Core Reject Duplicates																				
MK11-429	Rock	0.025	22	1	0.10	32	0.080	1	0.48	0.031	0.13	0.2	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2	
DUP MK11-429	QC	0.025	21	1	0.10	34	0.078	1	0.49	0.038	0.16	0.2	<0.01	2.8	<0.1	<0.05	4	<0.5	<0.2	
Reference Materials																				
STD AGPROOF	Standard																			89
STD CDN-ME-3	Standard																			231
STD DS8	Standard	0.077	16	110	0.61	259	0.129	3	0.90	0.089	0.41	3.0	0.19	2.4	5.1	0.16	4	5.5	4.5	
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD CDN-ME-3 Expected																				276
STD AGPROOF Expected																				94
BLK	Blank	<0.001	<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																			<50
BLK	Blank																			<50
Prep Wash																				
G1	Prep Blank	0.072	18	5	0.52	165	0.149	3	1.11	0.130	0.51	<0.1	<0.01	2.7	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.077	19	6	0.56	172	0.152	3	1.14	0.120	0.53	<0.1	<0.01	2.9	0.3	<0.05	5	<0.5	<0.2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: Kootenay Gold Inc.
Suite 920 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 Canada

Submitted By: Email Distribution List - Soil & Rock
Receiving Lab: Canada-Vancouver
Received: September 26, 2011
Report Date: October 16, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN11005260.1

CLIENT JOB INFORMATION

Project: ALCO
Shipment ID:
P.O. Number
Number of Samples: 17

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Contains two rows of sample preparation data.

SAMPLE DISPOSAL

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

ADDITIONAL COMMENTS

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: Kootenay Gold Inc.
Suite 920 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
Canada

CC:



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



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

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: ALCO  
 Report Date: October 16, 2011

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CERTIFICATE OF ANALYSIS

VAN11005260.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	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	
SAK11-219	Rock	0.43	0.5	10.3	6.1	61	0.3	24.6	12.5	338	2.81	3.9	0.7	175.9	1.7	26	<0.1	3.0	0.1	48	0.56
SAK11-220	Rock	0.34	0.6	17.7	6.0	77	<0.1	30.1	13.9	369	3.37	5.4	0.9	43.8	2.5	26	<0.1	3.8	<0.1	65	0.69
MK11-450	Rock	0.76	0.4	1.4	7.5	68	0.2	0.9	3.3	394	2.18	21.4	0.9	8.2	3.2	12	<0.1	3.2	<0.1	35	0.34
MK11-451	Rock	0.64	0.6	1.8	9.0	75	0.1	1.2	4.5	758	2.52	13.1	0.9	3.3	3.2	21	<0.1	3.5	<0.1	36	0.41
MK11-452	Rock	0.62	0.8	4.5	9.2	88	0.5	1.4	10.1	1788	4.22	59.8	0.9	74.6	3.3	23	0.5	4.8	<0.1	46	0.35
MK11-453	Rock	0.34	0.5	1.9	4.9	69	0.1	0.9	3.3	418	2.20	16.6	0.5	6.1	1.9	33	<0.1	3.2	<0.1	35	0.35
MK11-454	Rock	0.46	0.5	2.5	10.5	64	<0.1	1.1	4.7	561	2.29	17.9	0.9	21.8	2.2	274	<0.1	3.9	<0.1	41	0.99
MK11-455	Rock	0.64	0.5	5.3	11.8	55	0.5	1.0	3.8	405	1.88	27.0	1.0	672.5	2.1	33	<0.1	4.4	<0.1	41	0.53
MK11-456	Rock	0.38	0.6	12.2	4.1	57	<0.1	24.4	13.0	361	2.63	5.8	0.4	26.8	1.4	37	<0.1	1.7	<0.1	57	0.41
MK11-457	Rock	0.46	0.7	10.2	3.5	41	1.5	17.2	8.5	391	1.72	5.8	0.4	562.7	1.4	16	<0.1	1.8	<0.1	43	0.45
MK11-458	Rock	0.53	1.9	45.3	9.0	99	<0.1	40.5	19.4	721	4.41	9.6	1.3	1.2	4.6	54	0.2	7.1	<0.1	113	1.20
MK11-459	Rock	0.56	0.4	21.5	1.3	21	<0.1	8.5	7.0	299	1.47	2.3	0.1	1.7	0.4	13	0.2	3.5	<0.1	30	0.22
MK11-460	Rock	0.76	0.9	66.8	7.2	72	<0.1	32.9	15.6	709	3.61	34.4	1.0	<0.5	2.1	142	0.1	9.4	<0.1	83	0.92
MK11-461	Rock	0.72	0.6	3.0	8.2	95	0.6	1.1	4.2	338	2.27	2.1	1.1	10.0	4.0	26	<0.1	4.5	<0.1	33	0.35
MK11-462	Rock	0.34	1.1	3.5	10.2	74	<0.1	1.8	4.3	418	2.70	2.4	0.8	<0.5	2.6	101	<0.1	2.9	<0.1	37	0.49
MK11-463	Rock	0.59	1.6	31.4	1.3	29	<0.1	19.2	11.0	1042	3.46	1.7	1.0	<0.5	2.8	17	<0.1	0.5	<0.1	89	0.55
MK11-464	Rock	0.45	0.2	1.9	3.0	15	1.9	0.8	2.0	185	0.51	0.5	0.1	551.2	0.4	774	<0.1	0.8	<0.1	12	0.83



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

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: ALCO  
 Report Date: October 16, 2011

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

VAN11005260.1

Method	Analyte	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.01	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
SAK11-219	Rock	0.108	14	39	0.95	57	0.226	<1	1.28	0.030	0.15	0.6	<0.01	4.5	<0.1	<0.05	8	<0.5	<0.2
SAK11-220	Rock	0.172	22	48	1.15	69	0.299	<1	1.49	0.050	0.18	0.6	<0.01	5.9	<0.1	<0.05	10	<0.5	<0.2
MK11-450	Rock	0.091	30	2	0.35	51	0.148	<1	0.89	0.023	0.22	0.2	<0.01	3.5	<0.1	<0.05	8	<0.5	<0.2
MK11-451	Rock	0.096	34	2	0.38	78	0.173	<1	0.98	0.030	0.24	0.4	<0.01	4.1	<0.1	<0.05	8	<0.5	<0.2
MK11-452	Rock	0.095	32	<1	0.93	82	0.158	<1	1.76	0.024	0.15	0.3	<0.01	5.3	<0.1	<0.05	14	<0.5	<0.2
MK11-453	Rock	0.088	27	2	0.44	75	0.162	<1	0.82	0.033	0.20	0.2	<0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
MK11-454	Rock	0.092	31	1	0.55	231	0.206	<1	1.92	0.035	0.37	0.5	<0.01	3.9	0.1	<0.05	6	<0.5	<0.2
MK11-455	Rock	0.096	34	1	0.73	84	0.200	<1	1.17	0.025	0.25	0.7	<0.01	4.0	<0.1	<0.05	6	<0.5	<0.2
MK11-456	Rock	0.128	17	40	0.75	83	0.085	<1	1.09	0.030	0.10	<0.1	<0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
MK11-457	Rock	0.086	15	31	0.52	25	0.087	<1	0.66	0.018	0.07	0.1	<0.01	2.9	<0.1	<0.05	3	<0.5	<0.2
MK11-458	Rock	0.220	42	60	1.56	130	0.397	<1	2.25	0.067	0.12	0.8	<0.01	7.3	<0.1	<0.05	10	<0.5	<0.2
MK11-459	Rock	0.027	4	8	0.40	30	0.048	<1	0.56	0.015	0.05	0.3	<0.01	1.2	<0.1	<0.05	4	<0.5	<0.2
MK11-460	Rock	0.151	28	52	1.23	150	0.385	<1	1.80	0.099	0.17	0.7	<0.01	6.5	<0.1	<0.05	9	<0.5	<0.2
MK11-461	Rock	0.100	34	2	0.31	80	0.110	<1	0.68	0.037	0.22	0.1	<0.01	3.6	<0.1	<0.05	4	<0.5	<0.2
MK11-462	Rock	0.104	31	3	0.32	122	0.174	<1	1.07	0.051	0.16	0.2	<0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
MK11-463	Rock	0.145	15	45	0.16	102	0.005	<1	0.45	0.033	0.08	<0.1	<0.01	5.7	<0.1	<0.05	2	<0.5	<0.2
MK11-464	Rock	0.008	3	2	0.21	445	0.007	<1	1.69	0.056	0.13	<0.1	<0.01	1.7	<0.1	<0.05	2	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: ALCO  
 Report Date: October 16, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

VAN11005260.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	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	
Pulp Duplicates																					
MK11-457	Rock	0.46	0.7	10.2	3.5	41	1.5	17.2	8.5	391	1.72	5.8	0.4	562.7	1.4	16	<0.1	1.8	<0.1	43	0.45
REP MK11-457	QC		0.6	10.1	3.4	39	1.5	16.7	8.6	390	1.70	5.3	0.4	633.3	1.3	16	<0.1	2.0	<0.1	43	0.44
Core Reject Duplicates																					
SAK11-220	Rock	0.34	0.6	17.7	6.0	77	<0.1	30.1	13.9	369	3.37	5.4	0.9	43.8	2.5	26	<0.1	3.8	<0.1	65	0.69
DUP SAK11-220	QC		0.5	16.5	6.1	74	0.1	28.3	13.1	359	3.24	4.6	0.8	38.3	2.3	25	<0.1	3.7	<0.1	62	0.66
Reference Materials																					
STD DS8	Standard		14.7	117.0	121.9	307	1.7	40.1	8.0	609	2.53	24.4	2.9	96.2	7.3	66	2.4	5.9	6.3	41	0.72
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7
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
Prep Wash																					
G1	Prep Blank	<0.01	0.2	3.0	3.4	43	<0.1	3.9	4.5	556	1.97	<0.5	1.7	<0.5	5.6	63	<0.1	2.4	<0.1	37	0.48
G1	Prep Blank	<0.01	0.2	2.9	3.5	46	<0.1	4.0	4.6	574	2.10	<0.5	1.8	<0.5	6.2	62	<0.1	0.8	<0.1	37	0.48



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

**Client:** Kootenay Gold Inc.  
Suite 920 - 1055 W. Hastings St.  
Vancouver BC V6E 2E9 Canada

**Project:** ALCO

**Report Date:** October 16, 2011

**Page:** 1 of 1 Part 2

## QUALITY CONTROL REPORT

VAN11005260.1

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	
Analyte		P	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		0.001	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																				
MK11-457	Rock	0.086	15	31	0.52	25	0.087	<1	0.66	0.018	0.07	0.1	<0.01	2.9	<0.1	<0.05	3	<0.5	<0.2	
REP MK11-457	QC	0.085	15	31	0.52	26	0.087	<1	0.66	0.017	0.06	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2	
Core Reject Duplicates																				
SAK11-220	Rock	0.172	22	48	1.15	69	0.299	<1	1.49	0.050	0.18	0.6	<0.01	5.9	<0.1	<0.05	10	<0.5	<0.2	
DUP SAK11-220	QC	0.160	21	46	1.06	68	0.290	<1	1.40	0.057	0.18	0.6	<0.01	5.7	<0.1	<0.05	9	<0.5	<0.2	
Reference Materials																				
STD DS8	Standard	0.078	15	124	0.62	263	0.132	2	0.94	0.092	0.42	3.0	0.18	2.1	5.1	0.16	5	4.9	5.0	
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
BLK	Blank	<0.001	<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	
Prep Wash																				
G1	Prep Blank	0.076	14	6	0.52	159	0.141	<1	1.00	0.114	0.49	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.073	15	6	0.51	154	0.143	<1	0.96	0.103	0.48	<0.1	<0.01	2.0	0.3	0.06	5	<0.5	<0.2	





1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kootenay Gold Inc.
Suite 920 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 Canada

Submitted By: Email Distribution List - Soil & Rock
Receiving Lab: Canada-Vancouver
Received: September 26, 2011
Report Date: October 19, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN11005261.1

CLIENT JOB INFORMATION

Project: ALCO
Shipment ID:
P.O. Number
Number of Samples: 23

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Contains two rows of sample preparation data.

SAMPLE DISPOSAL

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

ADDITIONAL COMMENTS

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: Kootenay Gold Inc.
Suite 920 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
Canada

CC:



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



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

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: ALCO  
 Report Date: October 19, 2011

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN11005261.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	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	
MK-261	Rock	0.37	1.2	30.5	5.4	75	<0.1	17.7	14.2	832	3.44	1.9	0.8	<0.5	3.9	61	<0.1	1.3	<0.1	89	1.64
MK-262	Rock	0.65	1.4	38.7	4.3	71	<0.1	18.7	14.3	689	3.44	2.0	0.6	3.8	3.4	55	<0.1	1.1	<0.1	92	0.71
MK-263	Rock	0.41	1.5	2.7	8.7	69	<0.1	0.9	9.3	452	2.16	3.1	0.4	0.7	2.3	56	<0.1	3.0	<0.1	24	0.37
MK-264	Rock	0.42	1.0	1.4	8.4	58	<0.1	0.6	4.7	979	1.80	2.7	0.6	<0.5	2.9	21	<0.1	2.4	<0.1	16	0.30
MK-265	Rock	0.44	1.6	1.9	6.8	72	0.2	0.6	3.5	274	1.83	3.7	0.5	<0.5	2.4	17	<0.1	2.4	<0.1	24	0.34
MK-266	Rock	0.66	0.6	2.0	8.4	71	<0.1	0.8	4.4	447	2.33	2.7	0.6	36.7	2.3	26	<0.1	3.2	0.2	36	0.35
MK-267	Rock	0.44	0.6	4.4	10.0	70	0.2	0.8	8.7	568	2.11	3.6	0.6	10.5	2.2	24	0.1	2.9	<0.1	29	0.34
MK-268	Rock	0.55	0.6	2.0	16.8	56	0.4	0.8	3.5	320	1.82	2.1	0.5	40.7	2.2	53	<0.1	2.1	<0.1	26	0.41
MK-269	Rock	0.59	1.0	2.7	6.3	47	0.9	0.6	3.1	302	1.39	4.9	0.6	175.6	2.8	31	0.1	1.7	<0.1	20	0.36
MK-270	Rock	0.76	1.5	2.8	7.8	97	0.3	0.7	3.3	341	1.86	3.0	0.6	4.2	3.0	17	<0.1	2.2	<0.1	25	0.37
MK-271	Rock	0.63	0.2	19.3	7.3	57	0.2	22.9	12.1	535	2.98	18.3	1.4	4.6	3.3	53	0.1	4.4	<0.1	53	0.86
MK-272	Rock	0.56	0.4	24.0	6.1	60	0.1	22.6	13.5	602	2.94	17.3	1.3	13.2	3.0	127	<0.1	3.9	<0.1	69	1.55
MK-273	Rock	0.45	0.2	32.4	7.3	63	0.3	25.2	14.3	516	4.00	14.2	1.1	1.6	3.6	22	<0.1	8.3	<0.1	66	0.77
MK-274	Rock	0.52	0.5	42.7	7.1	41	1.5	11.6	6.6	225	1.58	7.4	0.5	470.8	2.0	36	<0.1	2.5	<0.1	55	0.74
MK-275	Rock	0.70	0.4	44.2	6.4	40	1.7	13.3	7.5	246	1.76	8.3	0.4	610.8	1.9	82	<0.1	2.3	<0.1	51	0.72
MK-276	Rock	0.72	0.6	49.5	6.2	41	1.2	12.7	7.1	230	1.76	8.0	0.5	355.1	2.4	57	0.1	2.7	<0.1	59	0.84
MK-277	Rock	0.53	0.7	53.1	6.6	50	1.9	15.4	9.0	274	2.10	8.4	0.6	346.9	2.5	36	<0.1	2.7	<0.1	65	0.77
MK-278	Rock	0.40	0.4	55.9	7.2	41	2.5	13.5	8.3	210	1.96	8.1	0.6	1604	2.3	54	0.1	3.0	<0.1	61	0.74
MK-279	Rock	0.53	0.4	24.0	6.1	66	0.1	24.7	14.0	531	3.31	4.8	0.7	2.1	2.9	41	0.1	3.6	<0.1	80	1.01
MK-280	Rock	0.66	0.2	19.8	4.9	60	0.1	24.1	13.3	487	2.87	4.7	0.9	10.1	2.9	21	0.1	3.0	<0.1	57	0.81
MK-281	Rock	0.36	0.5	18.9	2.6	61	<0.1	23.4	14.0	709	2.50	0.6	0.4	<0.5	2.6	44	<0.1	1.5	<0.1	68	0.64
MK-282	Rock	0.53	1.6	7.0	2.1	42	<0.1	22.7	11.8	992	3.81	0.6	1.0	0.7	4.5	28	0.1	0.8	<0.1	59	0.42
MK-283	Rock	0.41	2.2	15.4	3.2	53	<0.1	9.0	7.8	314	1.46	56.2	0.9	<0.5	3.0	37	<0.1	3.0	<0.1	49	0.44



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

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: ALCO  
 Report Date: October 19, 2011

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CERTIFICATE OF ANALYSIS

VAN11005261.1

Method	Analyte	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		P	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		0.001	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	
MK-261	Rock	0.169	29	10	1.05	41	0.127	<1	1.64	0.062	0.07	0.1	0.06	4.1	<0.1	<0.05	8	<0.5	<0.2
MK-262	Rock	0.183	26	10	0.85	40	0.114	<1	1.07	0.056	0.06	0.2	0.04	2.5	<0.1	<0.05	7	<0.5	<0.2
MK-263	Rock	0.099	30	<1	0.24	63	0.068	<1	0.68	0.041	0.16	0.2	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2
MK-264	Rock	0.090	35	<1	0.21	90	0.028	<1	0.75	0.028	0.12	0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
MK-265	Rock	0.099	32	<1	0.29	54	0.069	<1	0.58	0.030	0.18	0.2	0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
MK-266	Rock	0.088	32	<1	0.25	60	0.112	2	0.72	0.029	0.16	0.2	<0.01	3.6	<0.1	<0.05	4	<0.5	<0.2
MK-267	Rock	0.088	29	<1	0.28	104	0.111	<1	0.62	0.030	0.14	0.2	0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
MK-268	Rock	0.098	31	<1	0.38	92	0.101	<1	0.63	0.022	0.20	0.2	<0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
MK-269	Rock	0.083	29	<1	0.30	63	0.072	<1	0.54	0.021	0.13	0.2	0.01	2.9	<0.1	<0.05	3	<0.5	<0.2
MK-270	Rock	0.095	26	<1	0.38	43	0.101	<1	0.65	0.019	0.16	0.3	<0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
MK-271	Rock	0.155	22	16	1.00	83	0.190	<1	1.24	0.020	0.10	0.9	<0.01	4.4	<0.1	<0.05	8	<0.5	<0.2
MK-272	Rock	0.145	23	17	1.06	135	0.221	<1	2.43	0.079	0.16	1.0	<0.01	5.7	<0.1	<0.05	8	<0.5	<0.2
MK-273	Rock	0.159	23	17	1.21	67	0.220	<1	1.14	0.021	0.14	1.4	<0.01	5.5	<0.1	<0.05	8	<0.5	<0.2
MK-274	Rock	0.102	16	11	0.41	46	0.116	<1	0.86	0.028	0.07	1.1	<0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
MK-275	Rock	0.113	17	11	0.55	76	0.103	<1	0.93	0.028	0.07	0.9	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
MK-276	Rock	0.117	18	12	0.47	55	0.128	<1	1.02	0.033	0.07	1.2	<0.01	3.8	<0.1	<0.05	4	<0.5	<0.2
MK-277	Rock	0.134	20	13	0.65	51	0.125	<1	0.98	0.026	0.08	1.2	<0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
MK-278	Rock	0.122	19	13	0.57	57	0.143	<1	0.93	0.021	0.07	1.1	<0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
MK-279	Rock	0.179	28	22	1.19	64	0.211	<1	1.46	0.044	0.11	0.8	<0.01	6.0	<0.1	<0.05	10	<0.5	<0.2
MK-280	Rock	0.169	26	17	1.34	52	0.188	<1	1.26	0.022	0.09	0.9	<0.01	5.7	<0.1	<0.05	9	<0.5	<0.2
MK-281	Rock	0.192	25	16	0.65	103	0.066	<1	1.05	0.088	0.10	<0.1	<0.01	5.0	<0.1	<0.05	4	<0.5	<0.2
MK-282	Rock	0.127	24	12	0.15	121	0.155	<1	0.49	0.066	0.10	<0.1	0.15	5.3	<0.1	<0.05	2	<0.5	<0.2
MK-283	Rock	0.158	23	13	0.18	138	0.051	4	0.47	0.059	0.15	<0.1	0.56	4.0	<0.1	<0.05	2	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: ALCO  
 Report Date: October 19, 2011

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QUALITY CONTROL REPORT

VAN11005261.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	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	
Pulp Duplicates																					
MK-268	Rock	0.55	0.6	2.0	16.8	56	0.4	0.8	3.5	320	1.82	2.1	0.5	40.7	2.2	53	<0.1	2.1	<0.1	26	0.41
REP MK-268	QC		0.6	2.2	17.6	57	0.4	0.8	3.9	333	1.90	2.2	0.5	55.6	2.3	57	<0.1	2.1	<0.1	28	0.43
MK-276	Rock	0.72	0.6	49.5	6.2	41	1.2	12.7	7.1	230	1.76	8.0	0.5	355.1	2.4	57	0.1	2.7	<0.1	59	0.84
REP MK-276	QC		0.6	53.4	6.6	45	1.1	12.4	7.0	223	1.77	8.6	0.6	221.3	2.5	60	<0.1	2.9	<0.1	60	0.85
Reference Materials																					
STD DS8	Standard		9.9	101.6	116.1	298	1.7	37.0	7.5	573	2.36	24.5	2.4	104.9	5.4	52	2.5	5.1	6.2	36	0.61
STD DS8	Standard		11.9	103.7	120.9	312	1.8	36.2	6.7	597	2.47	24.3	2.5	113.8	6.4	66	2.3	5.5	5.9	41	0.68
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7
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
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
Prep Wash																					
G1	Prep Blank	<0.01	0.1	2.0	2.8	46	<0.1	2.4	4.0	570	1.88	<0.5	1.3	<0.5	4.7	51	<0.1	<0.1	<0.1	33	0.41
G1	Prep Blank	<0.01	0.2	1.8	2.7	46	<0.1	2.1	4.0	545	1.82	<0.5	1.5	<0.5	5.0	51	<0.1	<0.1	<0.1	32	0.41



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Kootenay Gold Inc.**  
Suite 920 - 1055 W. Hastings St.  
Vancouver BC V6E 2E9 Canada

Project: ALCO

Report Date: October 19, 2011

Page: 1 of 1 Part 2

# QUALITY CONTROL REPORT

VAN11005261.1

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	
Analyte		P	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		0.001	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																				
MK-268	Rock	0.098	31	<1	0.38	92	0.101	<1	0.63	0.022	0.20	0.2	<0.01	2.8	<0.1	<0.05	5	<0.5	<0.2	
REP MK-268	QC	0.103	32	<1	0.39	96	0.104	<1	0.66	0.023	0.21	0.2	<0.01	3.0	<0.1	<0.05	5	<0.5	<0.2	
MK-276	Rock	0.117	18	12	0.47	55	0.128	<1	1.02	0.033	0.07	1.2	<0.01	3.8	<0.1	<0.05	4	<0.5	<0.2	
REP MK-276	QC	0.128	19	12	0.48	56	0.142	<1	1.01	0.034	0.07	1.4	<0.01	3.9	<0.1	<0.05	4	<0.5	<0.2	
Reference Materials																				
STD DS8	Standard	0.076	10	106	0.56	236	0.091	2	0.80	0.072	0.38	2.7	0.16	1.6	5.2	0.15	4	4.8	4.5	
STD DS8	Standard	0.082	15	108	0.61	263	0.105	2	0.90	0.085	0.40	2.9	0.21	2.0	5.4	0.16	5	5.0	4.9	
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
BLK	Blank	<0.001	<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	<0.001	<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	
Prep Wash																				
G1	Prep Blank	0.073	9	3	0.50	171	0.098	1	0.87	0.081	0.48	<0.1	0.10	1.7	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.075	9	4	0.51	173	0.105	<1	0.86	0.070	0.47	<0.1	0.08	1.6	0.3	<0.05	5	<0.5	<0.2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kootenay Gold Inc.
Suite 920 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 Canada

Submitted By: Email Distribution List - Soil & Rock
Receiving Lab: Canada-Vancouver
Received: September 26, 2011
Report Date: October 20, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN11005274.1

CLIENT JOB INFORMATION

Project: Silver Lake
Shipment ID:
P.O. Number
Number of Samples: 37

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Contains two rows of sample preparation data.

SAMPLE DISPOSAL

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

ADDITIONAL COMMENTS

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: Kootenay Gold Inc.
Suite 920 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
Canada

CC:



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



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

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: Silver Lake  
 Report Date: October 20, 2011

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

VAN11005274.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	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	
MK11-389	Rock	0.75	4.5	1.5	6.3	10	<0.1	0.3	0.1	77	0.72	5.2	0.5	<0.5	4.8	6	<0.1	0.6	<0.1	2	0.05
MK11-390	Rock	0.79	2.2	1.0	4.7	12	<0.1	0.5	0.1	79	0.50	3.1	0.4	<0.5	3.3	4	<0.1	0.4	<0.1	<2	0.02
MK11-391	Rock	0.72	2.9	1.6	5.3	14	<0.1	0.4	0.3	104	0.58	4.5	0.7	<0.5	4.9	6	<0.1	0.5	<0.1	3	0.04
MK11-392	Rock	0.66	44.5	7.1	23.8	12	1.1	0.5	0.2	108	0.69	12.7	0.9	11.6	5.8	6	<0.1	2.9	0.1	<2	0.05
MK11-393	Rock	0.69	62.3	28.2	33.5	10	0.9	0.3	0.1	122	0.78	8.0	1.0	3.9	6.4	5	<0.1	2.7	<0.1	2	0.03
MK11-394	Rock	0.59	36.4	3.7	50.8	20	1.1	0.5	0.2	115	0.77	10.2	1.2	5.8	7.7	19	<0.1	2.3	0.4	6	0.15
MK11-395	Rock	0.79	128.8	5.4	197.3	22	2.7	1.0	0.3	113	0.91	11.6	1.4	11.7	8.7	18	<0.1	3.7	1.0	7	0.12
MK11-396	Rock	0.61	3.3	0.5	8.5	30	0.2	0.4	0.3	500	0.86	1.1	0.9	1.7	5.9	8	<0.1	0.4	0.4	<2	0.06
MK11-397	Rock	0.71	26.2	6.1	32.2	19	0.9	0.2	0.2	171	0.81	4.4	1.0	6.8	6.1	7	<0.1	1.1	0.1	4	0.07
MK11-398	Rock	0.58	5.2	1.8	4.2	16	<0.1	0.4	0.3	205	0.93	4.7	1.5	<0.5	8.0	5	<0.1	0.4	<0.1	3	0.03
MK11-399	Rock	0.34	33.6	2.1	22.7	4	3.6	0.3	0.1	51	0.49	5.3	0.8	20.8	5.0	7	<0.1	1.2	<0.1	2	0.06
MK11-400	Rock	0.50	7.0	0.8	9.2	16	<0.1	0.4	0.2	123	0.91	4.2	0.8	2.2	7.0	4	<0.1	0.4	<0.1	2	0.02
MK11-401	Rock	0.44	2.0	2.0	4.5	8	0.2	0.3	0.3	82	0.55	6.3	0.6	0.7	4.4	5	<0.1	0.5	<0.1	<2	0.04
MK11-402	Rock	0.50	3.1	2.7	4.4	13	<0.1	0.3	0.3	97	0.61	6.6	0.6	0.6	4.8	5	<0.1	0.5	<0.1	<2	0.04
MK11-403	Rock	0.51	5.5	1.9	7.5	6	0.1	0.4	0.1	64	0.55	5.0	0.8	<0.5	5.8	5	<0.1	0.6	<0.1	<2	0.03
MK11-404	Rock	0.99	5.8	3.6	17.4	10	0.5	0.3	0.1	63	0.94	12.4	0.9	3.5	7.1	6	<0.1	0.5	<0.1	<2	0.02
MK11-405	Rock	0.51	4.7	1.1	78.3	58	0.7	0.4	0.1	66	0.60	8.7	0.6	4.2	4.7	6	0.2	0.6	0.3	<2	0.04
MK11-406	Rock	0.34	25.7	1.7	23.7	28	0.2	0.2	0.3	100	0.89	16.8	1.0	5.6	6.7	5	<0.1	1.2	0.1	3	0.03
MK11-407	Rock	0.52	229.4	1.4	12.8	26	<0.1	0.3	0.3	169	0.83	14.9	1.3	7.4	7.1	7	<0.1	22.5	<0.1	<2	0.12
MK11-408	Rock	0.33	27.7	5.6	9.9	21	1.2	0.3	0.2	106	0.65	8.4	1.1	9.1	5.9	6	<0.1	2.2	<0.1	<2	0.04
MK11-409	Rock	0.67	87.4	2.3	16.8	3	0.6	0.2	0.1	35	0.66	33.1	2.3	18.0	18.2	5	<0.1	6.0	<0.1	<2	0.02
MK11-410	Rock	0.90	139.0	7.7	25.3	12	1.4	0.4	0.2	43	0.75	32.4	1.4	50.5	7.4	4	<0.1	10.4	<0.1	<2	0.04
MK11-411	Rock	0.77	115.3	3.5	24.1	6	0.7	0.2	0.2	37	0.66	41.4	1.2	9.4	9.2	4	<0.1	6.2	<0.1	<2	0.02
MK11-412	Rock	0.53	43.4	14.2	36.5	11	1.7	0.4	0.1	60	0.61	12.3	1.1	19.4	5.1	3	<0.1	3.2	0.1	<2	0.04
MK11-413	Rock	0.50	110.4	16.4	531.7	142	26.4	0.4	0.1	53	0.55	17.8	0.8	515.6	5.8	6	0.4	6.3	1.9	<2	0.03
MK11-414	Rock	0.74	319.8	5.5	24.0	10	5.1	0.4	<0.1	54	0.53	10.0	1.3	17.5	5.4	4	<0.1	5.9	<0.1	<2	0.04
MK11-415	Rock	0.61	270.1	2.1	50.7	7	5.3	0.3	0.5	188	0.42	11.1	1.6	12.0	5.6	7	<0.1	13.2	0.1	3	0.06
MK11-416	Rock	0.53	78.6	4.5	200.0	15	8.9	0.4	0.1	49	0.51	6.4	0.6	116.0	3.5	5	<0.1	2.9	0.2	<2	<0.01
MK11-417	Rock	0.52	236.5	1.1	11.8	24	0.1	0.6	0.2	168	0.82	14.7	1.2	21.8	5.9	8	<0.1	22.0	0.1	2	0.09
MK11-418	Rock	0.81	151.1	1.4	13.6	61	0.1	0.7	0.6	287	1.24	9.2	1.0	18.3	7.4	6	<0.1	11.1	<0.1	3	0.03

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

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: Silver Lake  
 Report Date: October 20, 2011

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CERTIFICATE OF ANALYSIS

VAN11005274.1

Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	P	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	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.1	0.05	1	0.5	0.2	
MK11-389	Rock	0.008	14	1	0.02	18	0.008	<1	0.24	0.019	0.12	<0.1	<0.01	0.6	<0.1	<0.05	2	<0.5	<0.2
MK11-390	Rock	0.007	9	<1	0.01	14	0.004	<1	0.21	0.019	0.11	<0.1	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2
MK11-391	Rock	0.007	13	1	0.02	16	0.008	<1	0.25	0.018	0.12	<0.1	<0.01	0.6	<0.1	<0.05	2	<0.5	<0.2
MK11-392	Rock	0.008	18	1	0.03	23	0.004	<1	0.30	0.022	0.13	<0.1	0.01	0.9	<0.1	<0.05	2	<0.5	<0.2
MK11-393	Rock	0.008	29	<1	0.05	29	0.005	<1	0.30	0.025	0.12	<0.1	0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
MK11-394	Rock	0.009	20	2	0.03	25	0.005	<1	0.31	0.005	0.13	<0.1	<0.01	0.9	<0.1	<0.05	3	<0.5	<0.2
MK11-395	Rock	0.012	21	5	0.03	43	0.009	<1	0.31	0.008	0.12	0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
MK11-396	Rock	0.012	21	<1	0.18	23	0.008	<1	0.50	0.036	0.13	<0.1	<0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
MK11-397	Rock	0.009	17	<1	0.07	23	0.020	<1	0.36	0.024	0.13	0.2	<0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
MK11-398	Rock	0.010	17	1	0.03	22	0.012	<1	0.35	0.021	0.14	0.1	<0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
MK11-399	Rock	0.006	13	1	<0.01	15	0.009	<1	0.20	0.036	0.09	<0.1	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2
MK11-400	Rock	0.013	16	1	0.04	20	0.011	<1	0.31	0.024	0.13	<0.1	<0.01	0.9	<0.1	<0.05	3	<0.5	<0.2
MK11-401	Rock	0.004	10	1	0.01	14	0.004	<1	0.24	0.010	0.09	<0.1	<0.01	0.5	<0.1	<0.05	1	<0.5	<0.2
MK11-402	Rock	0.006	11	<1	0.02	14	0.005	<1	0.25	0.010	0.10	<0.1	<0.01	0.6	<0.1	<0.05	1	<0.5	<0.2
MK11-403	Rock	0.007	15	<1	0.01	16	0.010	<1	0.21	0.025	0.11	<0.1	<0.01	0.6	<0.1	<0.05	1	<0.5	<0.2
MK11-404	Rock	0.009	16	1	0.02	22	0.006	<1	0.22	0.033	0.13	<0.1	<0.01	0.9	<0.1	<0.05	2	<0.5	<0.2
MK11-405	Rock	0.006	12	1	0.02	19	0.006	<1	0.22	0.023	0.11	<0.1	<0.01	0.6	<0.1	<0.05	2	<0.5	<0.2
MK11-406	Rock	0.009	14	1	0.02	20	0.005	<1	0.26	0.023	0.12	<0.1	<0.01	0.8	<0.1	<0.05	2	<0.5	<0.2
MK11-407	Rock	0.011	28	1	0.05	25	0.003	<1	0.47	0.031	0.13	<0.1	0.04	1.3	0.2	<0.05	4	<0.5	<0.2
MK11-408	Rock	0.007	16	1	0.03	20	0.004	<1	0.29	0.024	0.12	<0.1	0.01	0.9	<0.1	<0.05	2	<0.5	<0.2
MK11-409	Rock	0.005	22	1	<0.01	28	0.003	<1	0.19	0.058	0.11	<0.1	0.05	0.7	0.4	<0.05	2	<0.5	<0.2
MK11-410	Rock	0.009	18	1	0.01	26	0.002	<1	0.22	0.052	0.09	<0.1	0.02	0.6	0.2	<0.05	1	<0.5	<0.2
MK11-411	Rock	0.007	19	1	<0.01	28	0.002	<1	0.18	0.052	0.10	<0.1	0.03	0.7	0.2	<0.05	2	<0.5	<0.2
MK11-412	Rock	0.007	14	1	0.01	16	0.003	<1	0.24	0.019	0.11	<0.1	<0.01	0.6	<0.1	<0.05	2	<0.5	0.5
MK11-413	Rock	0.006	12	1	<0.01	21	0.002	<1	0.18	0.024	0.12	<0.1	0.02	0.4	<0.1	<0.05	1	3.1	<0.2
MK11-414	Rock	0.006	18	1	0.02	16	0.003	<1	0.25	0.022	0.11	<0.1	<0.01	0.8	0.7	<0.05	2	<0.5	<0.2
MK11-415	Rock	0.006	12	1	<0.01	20	0.002	<1	0.23	0.033	0.08	<0.1	0.03	0.5	0.3	<0.05	<1	<0.5	0.5
MK11-416	Rock	0.007	13	1	0.01	13	0.002	3	0.21	0.029	0.12	<0.1	0.02	0.4	<0.1	<0.05	1	0.8	<0.2
MK11-417	Rock	0.011	26	1	0.05	26	0.002	3	0.50	0.042	0.16	<0.1	0.05	1.1	0.3	<0.05	4	<0.5	<0.2
MK11-418	Rock	0.018	25	1	0.07	23	0.002	2	0.49	0.074	0.21	<0.1	<0.01	1.4	0.2	<0.05	4	<0.5	<0.2

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

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: Silver Lake  
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CERTIFICATE OF ANALYSIS

VAN11005274.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	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	
MK11-419	Rock	0.46	6.1	20.0	9.1	86	0.1	23.3	18.8	825	4.26	4.1	0.6	13.6	2.5	62	0.2	0.5	0.1	102	1.94
MK11-420	Rock	0.56	1.9	17.2	8.4	112	<0.1	23.2	17.4	890	3.19	3.7	0.4	13.7	1.9	46	0.3	0.5	0.1	93	1.16
MK11-421	Rock	0.77	1.2	19.2	9.0	72	<0.1	21.0	15.3	927	3.59	0.6	0.4	13.6	2.5	42	0.2	0.2	0.1	96	1.87
MK11-422	Rock	0.50	1.3	26.6	10.3	72	<0.1	16.7	14.8	663	2.91	2.0	0.4	11.3	1.9	37	0.4	0.4	0.3	88	1.21
MK11-423	Rock	0.51	1.2	19.5	9.1	89	<0.1	23.0	16.4	933	3.68	0.9	0.4	12.4	2.5	39	0.2	0.4	<0.1	96	1.62
MK11-424	Rock	0.47	0.9	19.2	9.5	67	<0.1	17.8	15.0	689	2.60	3.3	0.4	10.8	1.9	44	0.4	0.4	0.2	84	1.94
MK11-425	Rock	0.96	556.3	1.3	74.3	7	3.4	0.6	0.3	71	0.40	11.5	2.6	40.7	6.9	7	<0.1	20.3	0.3	5	0.06



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

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

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CERTIFICATE OF ANALYSIS

VAN11005274.1

Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	P	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	0.001	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	
MK11-419	Rock	0.187	28	57	1.93	95	0.165	2	2.26	0.050	0.07	0.3	<0.01	5.0	<0.1	<0.05	10	<0.5	<0.2
MK11-420	Rock	0.170	29	52	1.41	82	0.178	2	1.79	0.066	0.10	0.1	<0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
MK11-421	Rock	0.165	27	53	1.58	74	0.167	2	1.96	0.047	0.06	0.2	<0.01	4.7	<0.1	<0.05	8	<0.5	<0.2
MK11-422	Rock	0.116	18	40	1.30	58	0.168	1	2.01	0.027	0.06	0.2	<0.01	5.3	<0.1	<0.05	7	<0.5	<0.2
MK11-423	Rock	0.169	25	57	1.79	63	0.164	<1	2.30	0.033	0.08	0.2	<0.01	4.9	<0.1	<0.05	9	<0.5	<0.2
MK11-424	Rock	0.123	19	40	1.12	50	0.142	<1	1.64	0.034	0.06	0.2	<0.01	4.5	<0.1	<0.05	7	<0.5	<0.2
MK11-425	Rock	0.019	25	2	0.02	17	0.019	<1	0.21	0.016	0.11	<0.1	<0.01	1.0	0.4	<0.05	<1	<0.5	0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Kootenay Gold Inc.**  
Suite 920 - 1055 W. Hastings St.  
Vancouver BC V6E 2E9 Canada

Project: Silver Lake  
Report Date: October 20, 2011

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# QUALITY CONTROL REPORT

VAN11005274.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	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	
Pulp Duplicates																					
MK11-397	Rock	0.71	26.2	6.1	32.2	19	0.9	0.2	0.2	171	0.81	4.4	1.0	6.8	6.1	7	<0.1	1.1	0.1	4	0.07
REP MK11-397	QC		25.4	6.4	31.5	19	0.9	0.3	0.2	167	0.80	4.4	0.9	9.7	5.9	7	<0.1	1.1	0.1	4	0.06
MK11-413	Rock	0.50	110.4	16.4	531.7	142	26.4	0.4	0.1	53	0.55	17.8	0.8	515.6	5.8	6	0.4	6.3	1.9	<2	0.03
REP MK11-413	QC		112.6	16.3	550.8	145	26.8	0.3	0.2	54	0.55	17.7	0.8	534.4	5.9	6	0.3	6.2	2.0	<2	0.03
MK11-419	Rock	0.46	6.1	20.0	9.1	86	0.1	23.3	18.8	825	4.26	4.1	0.6	13.6	2.5	62	0.2	0.5	0.1	102	1.94
REP MK11-419	QC		5.8	18.8	9.1	86	0.1	22.7	17.6	832	4.12	3.8	0.5	11.7	2.5	59	0.2	0.5	<0.1	99	1.91
Core Reject Duplicates																					
MK11-409	Rock	0.67	87.4	2.3	16.8	3	0.6	0.2	0.1	35	0.66	33.1	2.3	18.0	18.2	5	<0.1	6.0	<0.1	<2	0.02
DUP MK11-409	QC		89.6	2.6	17.2	3	0.6	0.3	<0.1	34	0.67	34.2	2.2	14.0	16.8	5	<0.1	6.3	<0.1	<2	0.03
Reference Materials																					
STD DS8	Standard		11.9	108.9	124.5	312	1.7	38.4	7.2	620	2.46	25.0	2.6	106.0	6.3	66	2.4	5.7	6.7	43	0.70
STD DS8	Standard		12.6	102.7	124.3	307	1.7	35.4	6.9	591	2.38	23.9	2.7	118.6	6.6	62	2.1	5.2	6.5	41	0.69
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7
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
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
Prep Wash																					
G1	Prep Blank	<0.01	0.2	1.8	2.9	42	<0.1	2.2	3.5	531	1.86	<0.5	1.4	2.1	5.0	59	<0.1	<0.1	<0.1	37	0.44
G1	Prep Blank	<0.01	0.2	1.6	2.8	44	<0.1	2.3	3.6	545	1.92	<0.5	1.4	<0.5	5.0	57	<0.1	<0.1	<0.1	38	0.47



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V6E 2E9 Canada

Project: Silver Lake  
 Report Date: October 20, 2011

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QUALITY CONTROL REPORT

VAN11005274.1

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	
Analyte		P	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		0.001	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																			
MK11-397	Rock	0.009	17	<1	0.07	23	0.020	<1	0.36	0.024	0.13	0.2	<0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
REP MK11-397	QC	0.009	16	<1	0.07	23	0.019	<1	0.36	0.024	0.13	0.2	<0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
MK11-413	Rock	0.006	12	1	<0.01	21	0.002	<1	0.18	0.024	0.12	<0.1	0.02	0.4	<0.1	<0.05	1	3.1	<0.2
REP MK11-413	QC	0.007	12	<1	<0.01	22	0.002	<1	0.20	0.025	0.12	<0.1	0.03	0.5	0.1	<0.05	1	2.8	<0.2
MK11-419	Rock	0.187	28	57	1.93	95	0.165	2	2.26	0.050	0.07	0.3	<0.01	5.0	<0.1	<0.05	10	<0.5	<0.2
REP MK11-419	QC	0.173	27	56	1.87	87	0.162	2	2.22	0.051	0.07	0.3	<0.01	5.0	<0.1	<0.05	10	<0.5	<0.2
Core Reject Duplicates																			
MK11-409	Rock	0.005	22	1	<0.01	28	0.003	<1	0.19	0.058	0.11	<0.1	0.05	0.7	0.4	<0.05	2	<0.5	<0.2
DUP MK11-409	QC	0.005	23	1	<0.01	28	0.003	<1	0.18	0.058	0.11	<0.1	0.05	0.7	0.4	<0.05	2	<0.5	<0.2
Reference Materials																			
STD DS8	Standard	0.077	15	114	0.63	262	0.107	3	0.96	0.094	0.43	2.6	0.21	1.9	5.1	0.17	5	5.2	4.4
STD DS8	Standard	0.073	14	110	0.59	266	0.112	2	0.87	0.081	0.39	2.8	0.19	2.1	5.3	0.16	4	4.9	4.6
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<0.001	<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	<0.001	<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
Prep Wash																			
G1	Prep Blank	0.066	11	4	0.49	165	0.109	<1	0.85	0.076	0.45	<0.1	0.02	1.9	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.070	11	5	0.49	167	0.116	<1	0.87	0.076	0.45	<0.1	0.01	2.2	0.3	<0.05	5	<0.5	<0.2