

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 \$2621.00

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

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) _____ YEAR OF WORK 2010

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) # 4856150

PROPERTY NAME ALCO

CLAIM NAME(S) (on which work was done) _____

COMMODITIES SOUGHT GOLD & SILVER

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

MINING DIVISION OMINECA NTS _____

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

OWNER(S) UTM COORDINATES 5967000N - 355000E

1) FRED CRITCHLOW 2) _____

MAILING ADDRESS
KASLO B.C. Box 517

OPERATOR(S) [who paid for the work]
1) KOOTENAY GOLD INC. 2) _____

MAILING ADDRESS
SUITE 960 - 1055 W. HASTINGS ST.
VANCOUVER B.C. V6E-2E9

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
EOCENE LAKE SEDIMENT AND VOLCANICS INTRUDED BY SILICA FLOODING,
SUBCROP MATERIAL HOST ANOMALOUS AU/AG MINERALIZATION. AREA
CONTROLLED BY REGIONAL SCALE NORTH WEST TRENDING STRUCTURAL
ZONE

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)
GEOLOGICAL (scale, area)			
Ground, mapping _____			
Photo interpretation _____			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic _____			
Electromagnetic _____			
Induced Polarization _____			
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
GEOCHEMICAL			
(number of samples analysed for ...)			
Soil _____			
Silt _____			
Rock _____			
Other _____			
DRILLING			
(total metres; number of holes, size)			
Core _____			
Non-core _____			
RELATED TECHNICAL			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
PROSPECTING (scale, area) _____			
PREPARATORY/PHYSICAL			
Line/grid (kilometres) _____			
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
			TOTAL COST 2621.00

ASSESSMENT REPORT
On
Rock Geochemistry

Alco Property

Omineca Mining Division

Trim 93F.084/085
UTM Coordinates 5967000N – 355000E

OWNER
Fred H Critchlow
Box 517
Kaslo, BC VOG 1MO

BC Geological Survey
Assessment Report
32330

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

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

May 2011

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ALCO PROPERTY

ROCK GEOCHEMISTRY REPORT

Craig Kennedy

May 2011

1.00 INTRODUCTION

1.10 Location and Access

The Alco property is approximately 60 kilometres south east of the town of Burns Lake in central BC, Map sheets 09F.084/085 centered at UTM coordinates 596700N – 355000E.

Access is provided by good main and secondary logging roads. Topography is gentle to moderate with heavy windfall, a 2010 summer wild fire has also inhibited access opportunity. 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 property is made up of tenures 756102, 774702 and 832013. The claims are owned by Mr. Fred H. Critchlow of Kaslo BC. Work on the claims was paid for by Kootenay Gold Inc, Suite 960 1055 W Hastings St, Vancouver BC, V6E 2E9

1.30 History of Previous Exploration

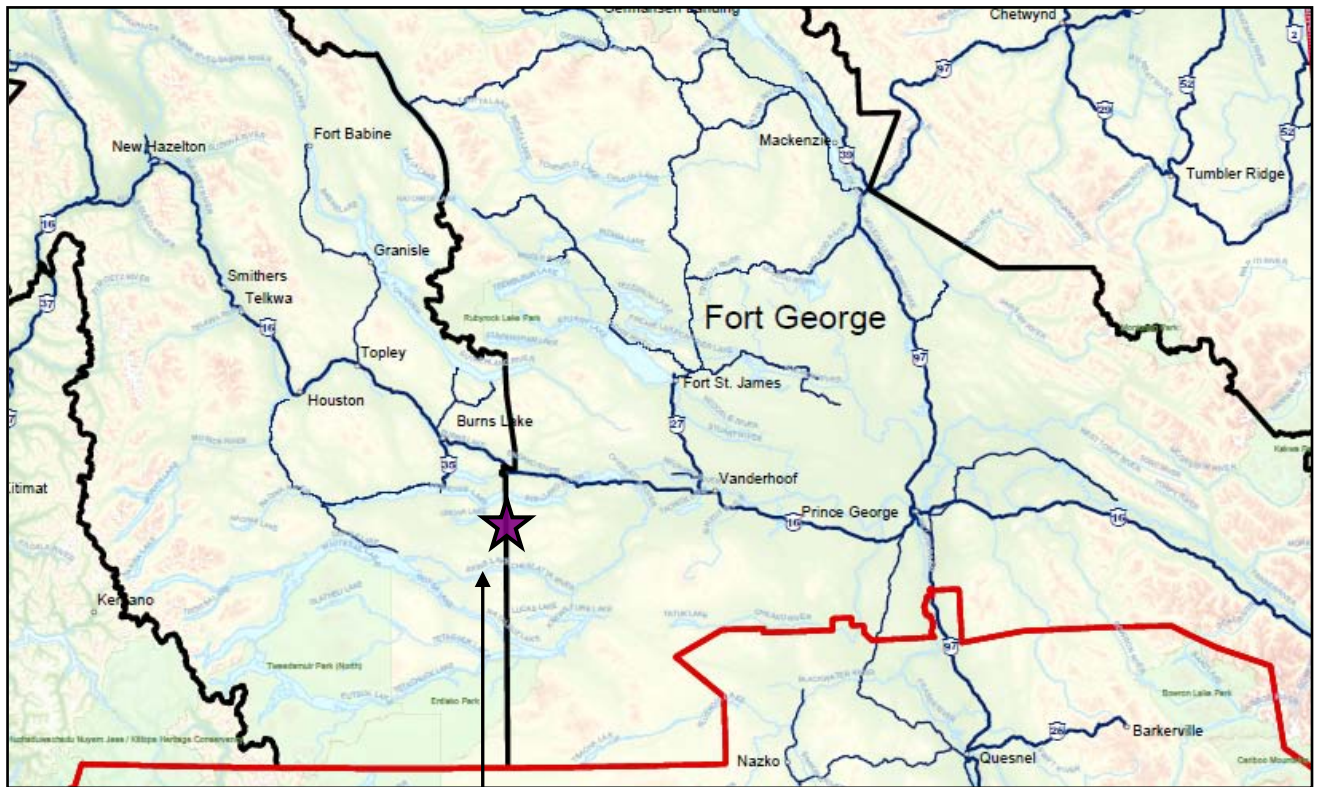
The area has seen moderate to heavy exploration through the past 50 years. Mo/Cu porphyry and epithermal Ag/Au mineralization has been the major exploration focus.

1.40 Summary

The Alco claim group one of a number of properties hosted by the postulated Nechako Arch. Kootenay Gold Inc. Entered into a grubstake agreement with prospector Fred Critchlow to evaluate, then elect on these properties fitting Kootenay Gold'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 Gold'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 Gold'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 Gold's favoured focus.

Figure 1: Regional Location Map



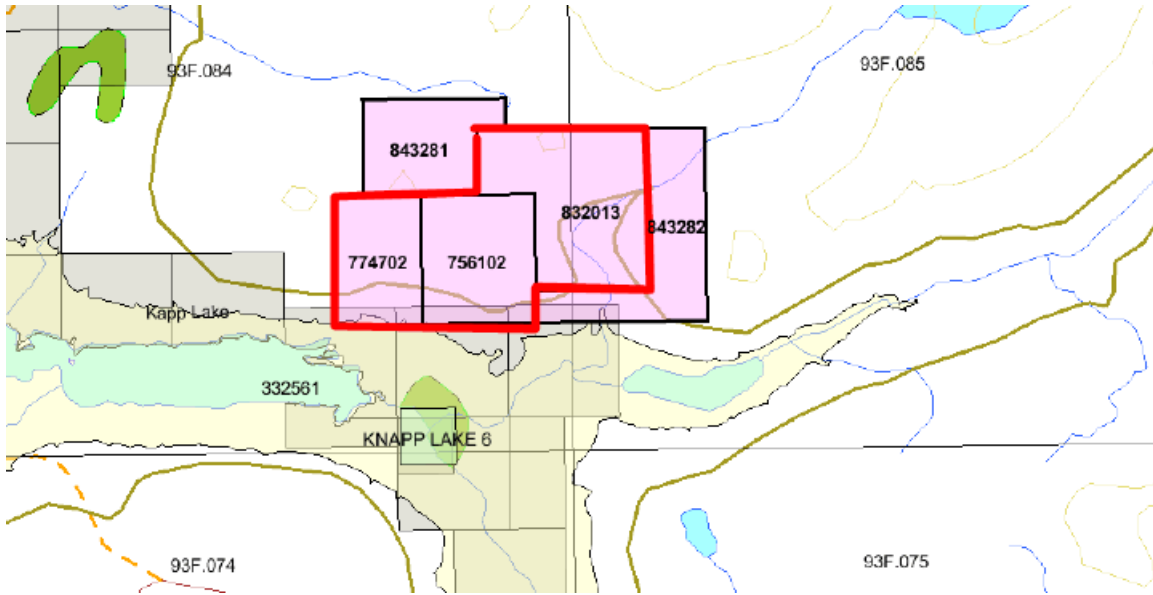
Alco Property Location

Figure 2: Claim Location Map

Map # 093F.084/085



Scale 1:100,000



Tenure numbers: 756102, 774702 & 832013

2.00 ROCK GEOCHEMISTRY

The Alco Property rock geochemistry program has discovered the existence of high-grade gold mineralization associated with volcanogenic sedimentary rock float in the Knapp Lake region. The float (subcrop?) occurs along both sides of a branch logging road northeast of Knapp Lake. Material hosting mineralization is both conglomeratic to green fine grained material. Wood and carbon fragments are often seen as are leaf fossils. The best mineralization to date is associated with limonitic stained to Liesegang altered baseball size cobble. (Sample MK10-389) Gold mineralization is also found with conglomerate float hosting grey to black silica channels with finer rock fragments. The GSC, in the late 1990's, mapped a zone of volcanogenic rocks north of Knapp Lake. These rocks exist between Trout and Graham Lakes on the east side of the Anzuz Lake Fault.

3.00 CONCLUSION

The discovery of high-grade gold mineralization with float boulders in the Knapp Lake area provides a strong exploration target. Au mineralization is found along a 1 kilometre stretch of logging road associated with two different float types. Gold values range from detection limits up to 29 grams. Thirteen samples host anomalous gold mineralization.

The area should be prospected in detail, till sampling also may be of value.

4.00 STATEMENT OF EXPENDITURES

Rock Geochemistry Program
The Alco Property

Work performed: Fall 2010

Prospecting Contractors:

Fred Critchlow - 1 day @ 500/day (Includes 4x4 vehicle)	\$ 500.00
Mike Kennedy - 1 day @ 350/day	350.00
Sean Kennedy – 1 day @ 500/day (Includes 4x4 vehicle)	500.00
ATV Rental (1 day @ \$75/day)	75.00
Acme Labs – 24 rock samples (incl. freight)	696.00
Craig Kennedy - report preparation and writing & Misc supplies & mapping	<u>500.00</u>
Total:	<u>\$2621.00</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 32 years and have made my living prospecting for the past 23 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.

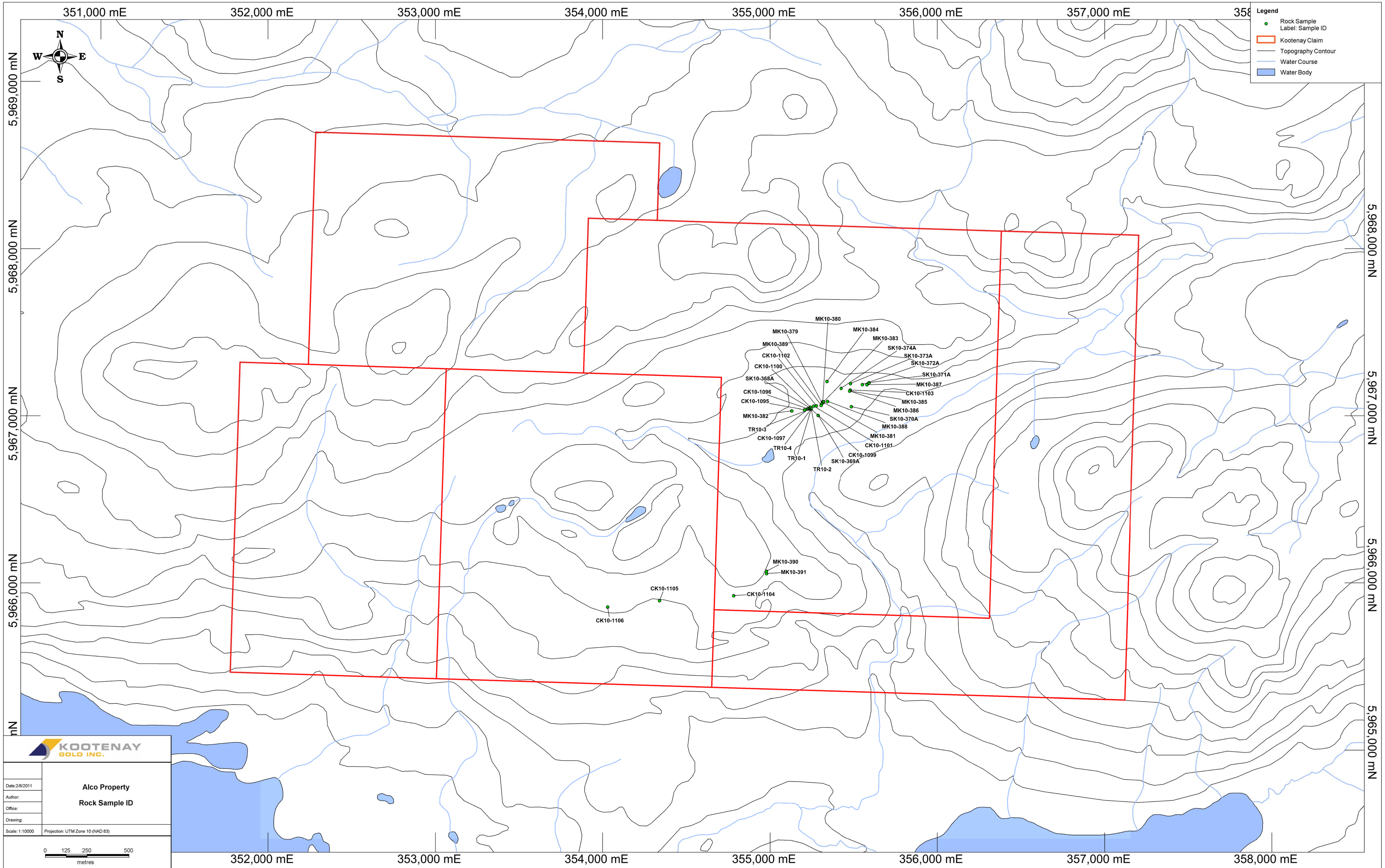
Craig Kennedy

Craig Kennedy
Prospector

Appendix #1 - Rock Sample Descriptions

Sample No.	UTM E	UTM N	Property	Description
SK10-368	355246	5967042	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
SK10-369	355287	5967003	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
SK10-370	355487	5967055	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
SK10-371	355593	5967198	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
SK10-372	355553	5967187	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
SK10-373	355482	5967193	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
SK10-374	355425	5967164	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
SK10-368	355246	5967042	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
Mk10-379	355310	5967074	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
Mk10-380	355314	5967083	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
Mk10-381	355318	5967080	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
Mk10-382	355130	5967030	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
Mk10-383	355320	5967084	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
Mk10-384	355340	5967205	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
Mk10-385	355477	5967148	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
Mk10-386	355477	5967148	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
Mk10-387	355580	5967186	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
Mk10-388	355343	5967086	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
Mk10-389	355305	5967062	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
Mk10-390	354978	5966070	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
Mk10-391	354979	5966056	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite

Sample No.	UTM E	UTM N	Property	Description
TR10-1	355246	5967042	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
TR10-2	355246	5967042	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
TR10-3	355246	5967042	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite
TR10-4	355246	5967042	Alco	Float/subcrop brown/grey altered moat sediments with carbon/graphite, some veining, weak goethite

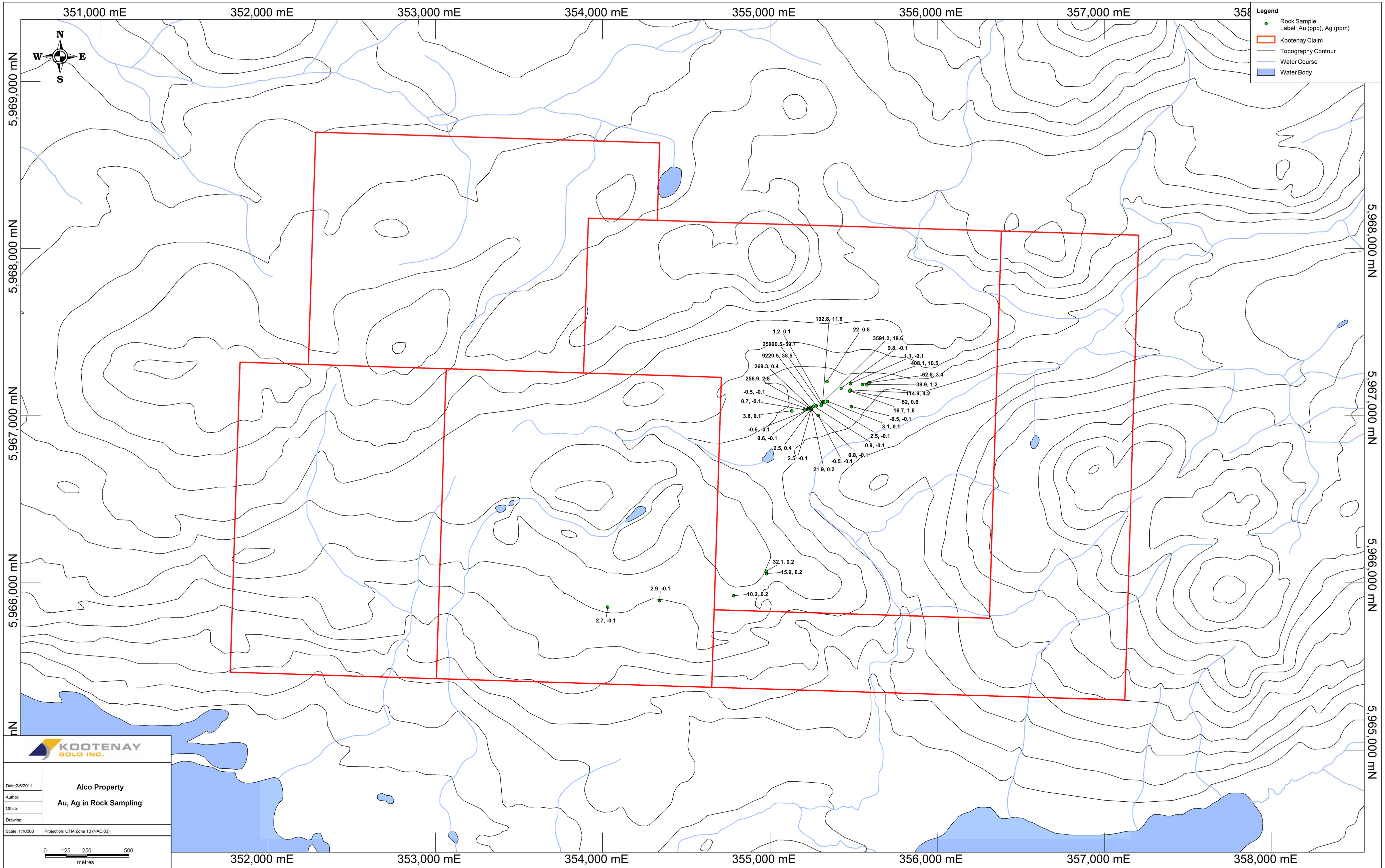


KOOTENAY GOLD INC.

Alco Property
Rock Sample ID

Date: 2/6/2011
 Author:
 Office:
 Drawing:
 Scale: 1:10000
 Projection: UTM Zone 10 (NAD 83)

0 125 250 500 metres

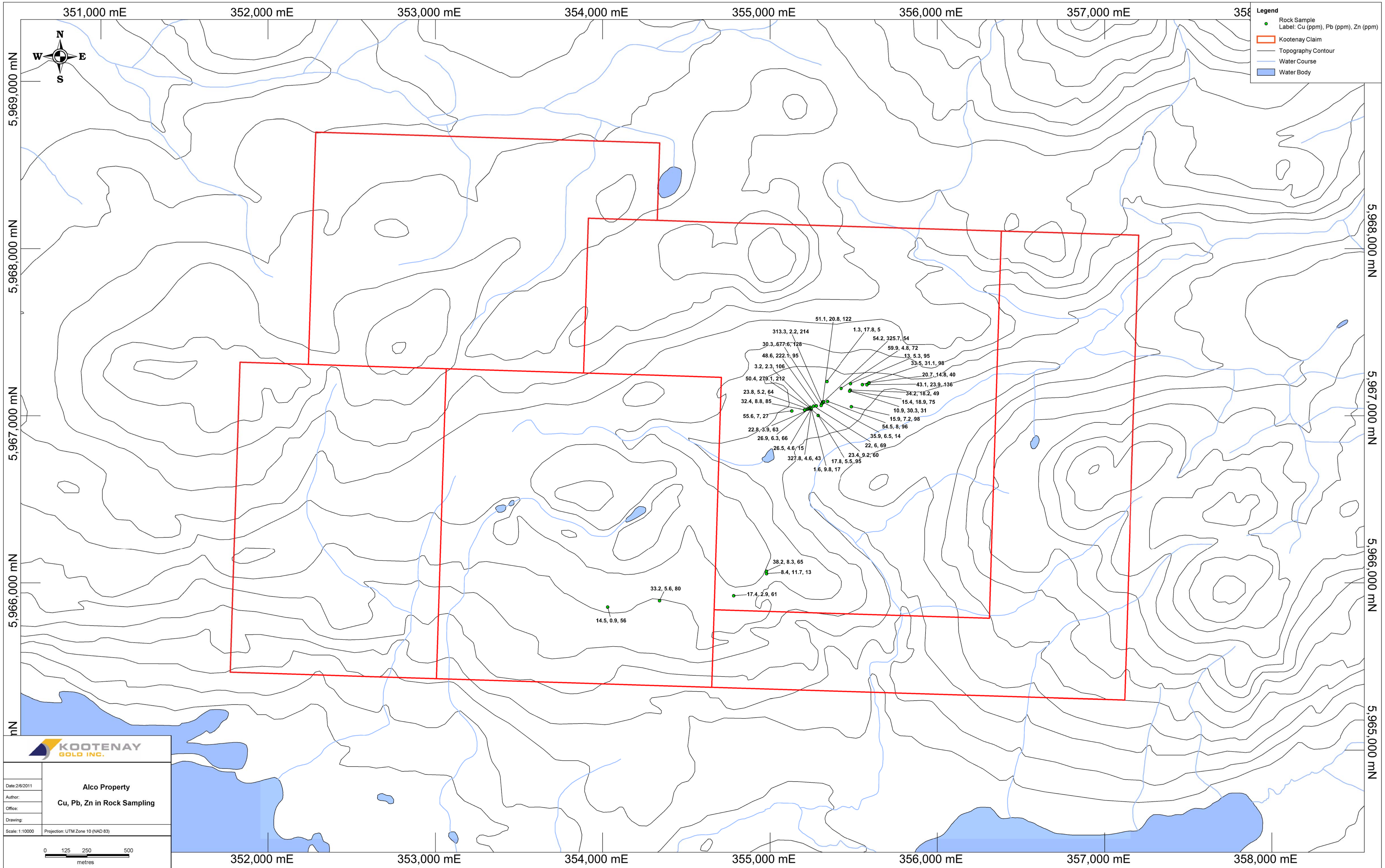


KOOTENAY GOLD INC.

Alco Property
Au, Ag in Rock Sampling

Date: 2/6/2011
 Author:
 Office:
 Drawing:
 Scale: 1:10000 Projection: UTM Zone 10 (NAD 83)

0 125 250 500 metres

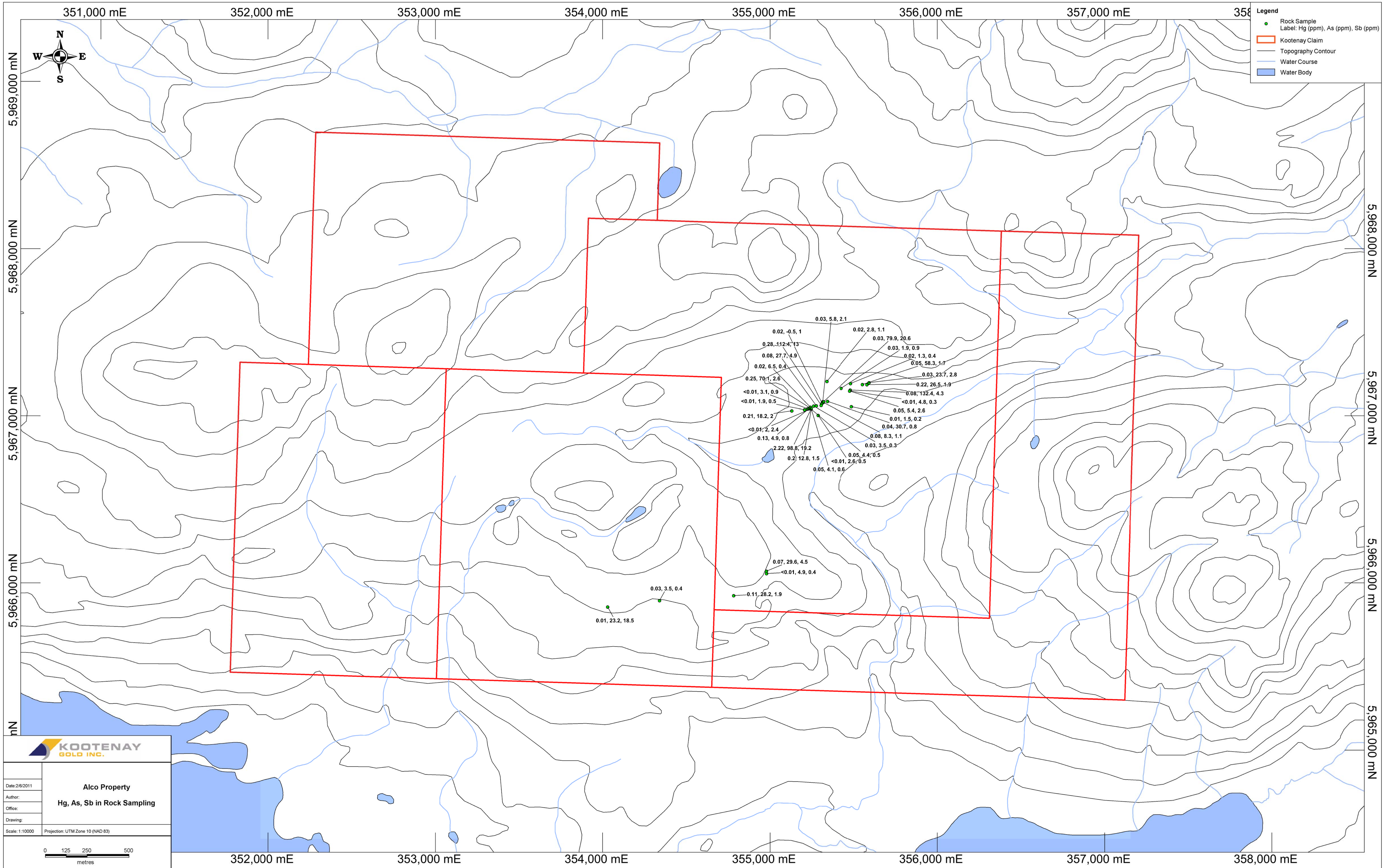


KOOTENAY GOLD INC.

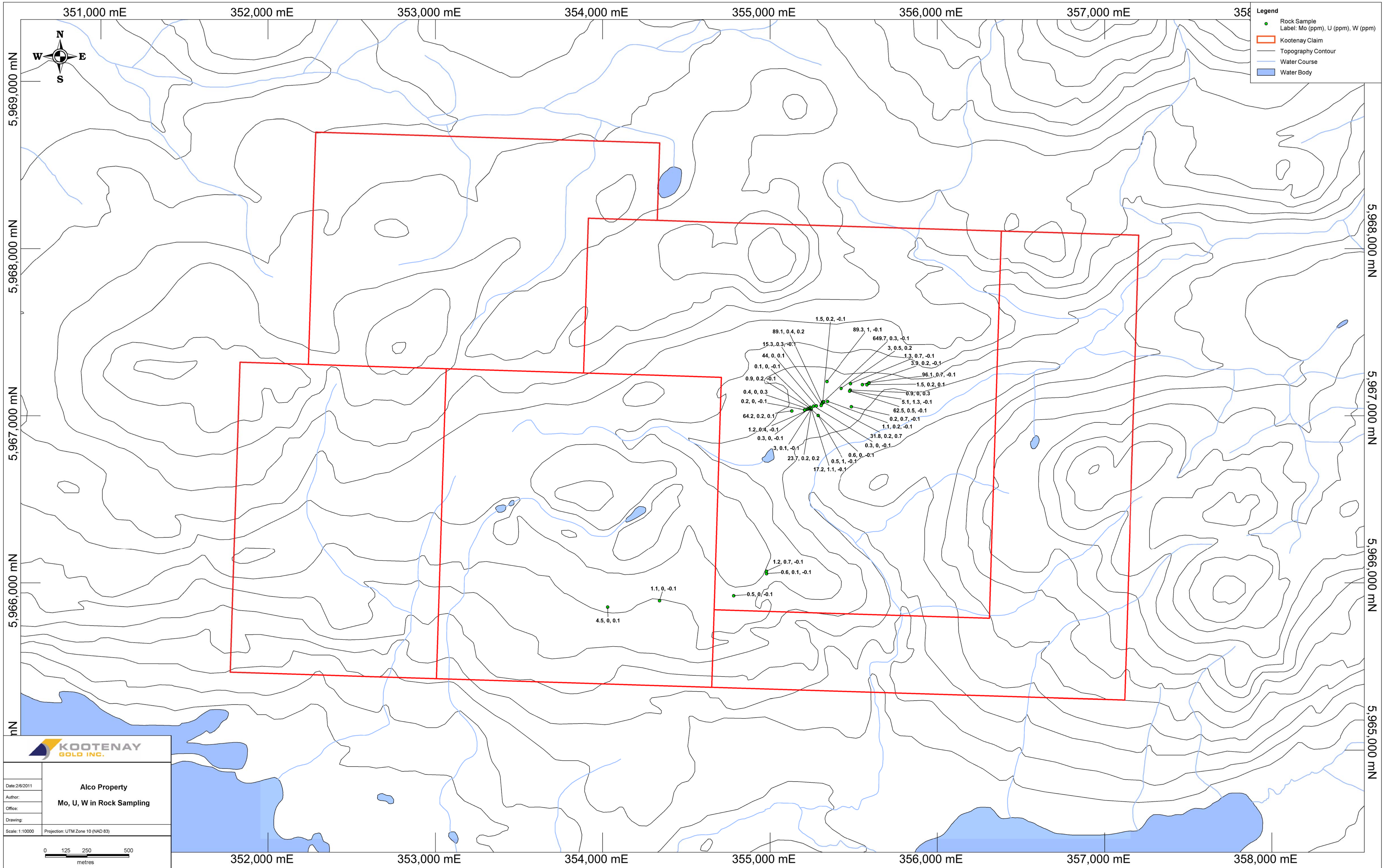
Alco Property
Cu, Pb, Zn in Rock Sampling

Date: 2/6/2011
 Author:
 Office:
 Drawing:
 Scale: 1:10000 Projection: UTM Zone 10 (NAD 83)

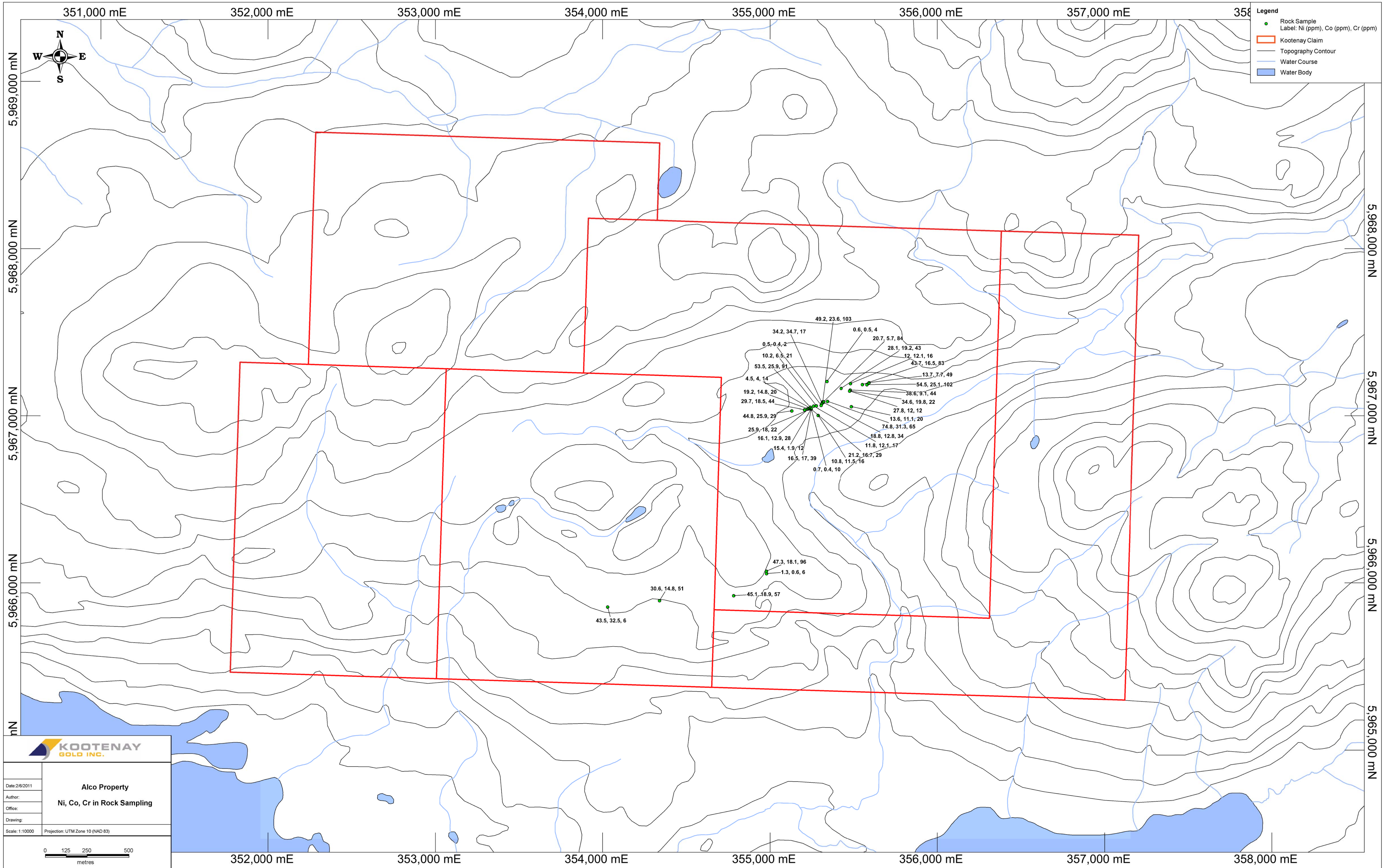
0 125 250 500 metres

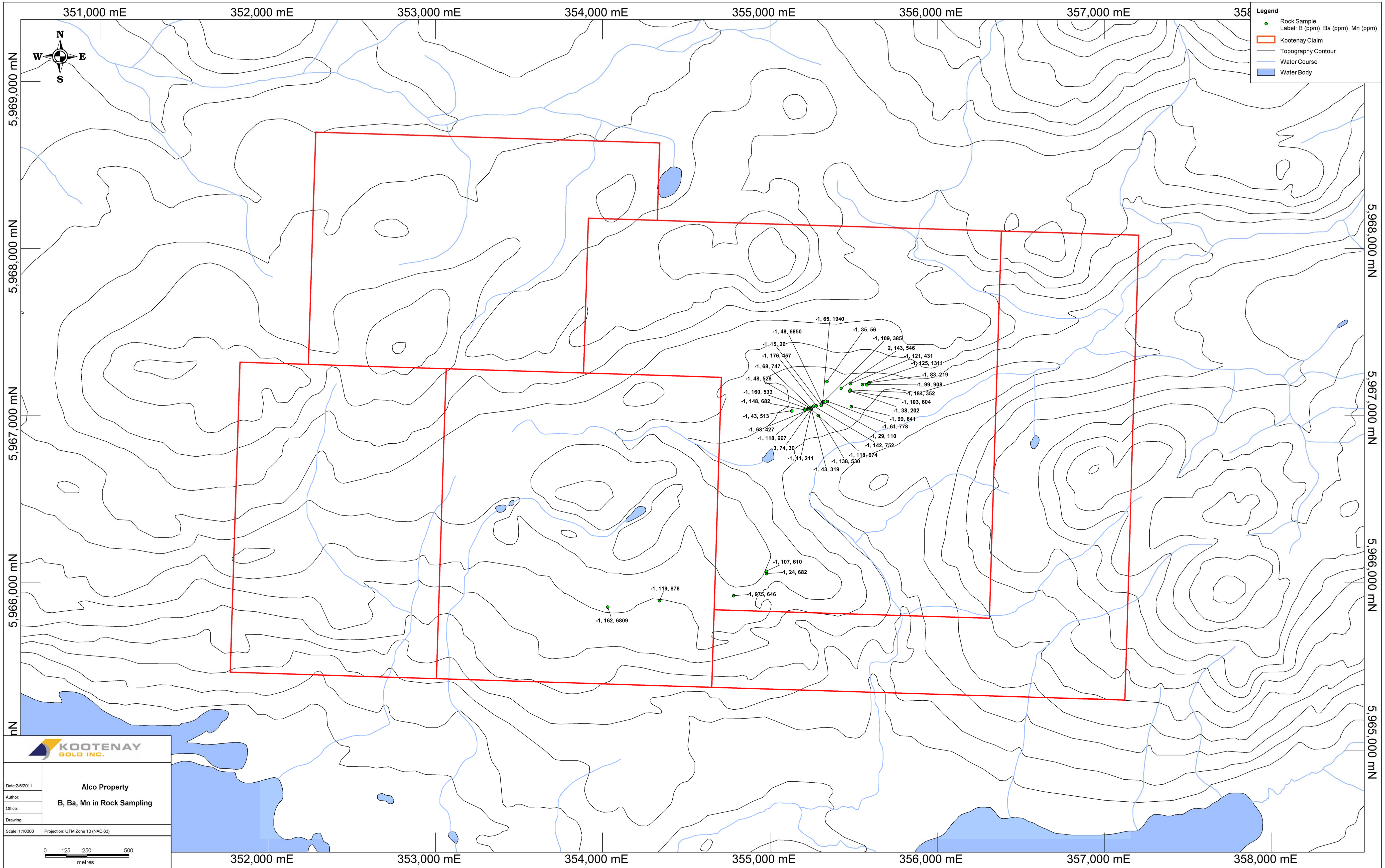


0.03, 5.8, 2.1
 0.02, 2.8, 1.1
 0.03, 79.9, 20.6
 0.03, 1.9, 0.9
 0.02, 1.3, 0.4
 0.05, 58.3, 1.7
 0.03, 23.7, 2.8
 0.22, 26.5, 1.9
 0.08, 132.4, 4.3
 <0.01, 4.8, 0.3
 0.05, 5.4, 2.6
 0.01, 1.5, 0.2
 0.04, 30.7, 0.8
 0.08, 8.3, 1.1
 0.03, 3.5, 0.3
 0.05, 4.4, 0.5
 <0.01, 2.6, 0.5
 0.05, 4.1, 0.6
 0.07, 29.6, 4.5
 <0.01, 4.9, 0.4
 0.11, 28.2, 1.9
 0.03, 3.5, 0.4
 0.01, 23.2, 18.5



Sample ID	Mo (ppm)	U (ppm)	W (ppm)
89.1	0.4	0.2	
15.3	0.3	-0.1	
44	0	0.1	
0.1	0	-0.1	
0.9	0.2	-0.1	
0.4	0	0.3	
0.2	0	-0.1	
64.2	0.2	0.1	
1.2	0.4	-0.1	
0.3	0	-0.1	
3	0.1	-0.1	
23.7	0.2	0.2	
0.5	1	-0.1	
17.2	1.1	-0.1	
1.2	0.7	-0.1	
0.6	0.1	-0.1	
0.5	0	-0.1	
4.5	0	0.1	
1.1	0	-0.1	
0.5	0	-0.1	
1.5	0.2	-0.1	
89.3	1	-0.1	
649.7	0.3	-0.1	
3	0.5	0.2	
1.3	0.7	-0.1	
3.9	0.2	-0.1	
96.1	0.7	-0.1	
1.5	0.2	0.1	
0.9	0	0.3	
5.1	1.3	-0.1	
62.5	0.5	-0.1	
0.2	0.7	-0.1	
1.1	0.2	-0.1	
31.8	0.2	0.7	
0.3	0	-0.1	
0.6	0	-0.1	





Appendix #2 - Assay Analysis



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
Receiving Lab: Canada-Vancouver
Received: October 06, 2010
Report Date: October 18, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN10005232.1

CLIENT JOB INFORMATION

Project: ALCO
Shipment ID:
P.O. Number
Number of Samples: 24

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	24	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX3	24	1:1:1 Aqua Regia digestion ICP-MS analysis	30	Completed	VAN

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.
** 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 18, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN10005232.1

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	
SK10-368	Rock	0.38	0.9	50.4	279.1	212	2.8	4.5	4.0	528	2.14	70.1	0.2	256.9	0.9	10	1.1	2.6	<0.1	38	0.17
SK10-369	Rock	0.58	0.5	17.8	5.5	95	<0.1	10.8	11.5	530	3.01	2.6	1.0	<0.5	4.2	23	<0.1	0.5	<0.1	76	0.33
SK10-370	Rock	0.74	0.2	15.9	7.2	98	<0.1	13.6	11.1	641	2.32	1.5	0.7	<0.5	2.9	25	0.2	0.2	<0.1	49	0.41
SK10-371	Rock	0.26	96.1	20.7	14.8	40	3.4	13.7	7.7	219	2.85	23.7	0.7	62.8	2.6	31	0.2	2.8	<0.1	45	0.39
SK10-372	Rock	0.47	3.9	33.5	31.1	98	10.5	43.7	16.5	1311	5.84	58.3	0.2	408.1	1.1	37	0.1	1.7	<0.1	83	0.25
SK10-373	Rock	0.44	1.3	13.0	5.3	95	<0.1	12.0	12.1	431	3.39	1.3	0.7	1.1	3.3	18	<0.1	0.4	<0.1	105	0.32
SK10-374	Rock	0.65	3.0	59.9	4.8	72	<0.1	28.1	19.2	546	8.73	1.9	0.5	9.8	1.6	20	0.1	0.9	<0.1	148	0.31
MK10-379	Rock	0.74	89.1	313.3	2.2	214	0.1	34.2	34.7	6850	35.64	<0.5	0.4	1.2	0.6	21	1.9	1.0	<0.1	273	0.20
MK10-380	Rock	0.41	1.5	51.1	20.8	122	11.6	49.2	23.6	1940	5.81	5.8	0.2	102.8	1.3	13	<0.1	2.1	<0.1	101	0.44
MK10-381	Rock	0.26	31.8	35.9	6.5	14	<0.1	18.8	12.8	110	1.34	8.3	0.2	2.5	0.5	8	<0.1	1.1	<0.1	45	0.06
MK10-382	Rock	0.79	64.2	55.6	7.0	27	0.1	44.8	25.9	513	2.09	18.2	0.2	3.8	0.4	10	0.2	2.0	<0.1	69	0.25
MK10-383	Rock	0.51	649.7	54.2	325.7	54	18.6	20.7	5.7	385	4.11	79.9	0.3	3591	1.2	20	<0.1	20.6	<0.1	57	0.24
MK10-384	Rock	0.66	89.3	1.3	17.8	5	0.8	0.6	0.5	56	0.34	2.8	1.0	22.0	6.6	7	<0.1	1.1	<0.1	<2	0.03
MK10-385	Rock	0.62	5.1	15.4	18.9	75	0.6	34.6	19.8	604	3.41	4.8	1.3	62.0	2.3	13	<0.1	0.3	0.6	29	0.22
MK10-386	Rock	0.61	62.5	10.9	30.3	31	1.6	27.8	12.0	202	1.30	5.4	0.5	16.7	2.0	9	<0.1	2.6	0.4	17	0.18
MK10-387	Rock	0.47	1.5	43.1	23.9	136	1.2	54.5	25.1	908	6.63	26.5	0.2	38.9	1.0	27	<0.1	1.9	<0.1	94	0.45
MK10-388	Rock	0.42	1.1	54.5	8.0	96	0.1	74.8	31.3	778	9.35	30.7	0.2	3.1	1.0	17	<0.1	0.8	<0.1	114	0.22
MK10-389	Rock	0.55	15.3	30.3	677.6	128	59.7	0.5	0.4	26	0.61	112.4	0.3	25990	2.9	4	0.9	13.0	0.3	3	0.03
MK10-390	Rock	0.48	1.2	38.2	8.3	65	0.2	47.3	18.1	610	4.17	29.6	0.7	32.1	2.0	67	<0.1	4.5	<0.1	93	0.45
MK10-391	Rock	0.91	0.6	8.4	11.7	13	0.2	1.3	0.6	682	0.40	4.9	0.1	15.9	1.3	9	0.1	0.4	<0.1	<2	0.41
TR10-1	Rock	1.57	23.7	327.8	4.6	43	<0.1	16.5	17.0	211	0.98	12.8	0.2	2.5	0.3	10	2.1	1.5	<0.1	50	0.34
TR10-2	Rock	0.33	17.2	1.6	9.8	17	0.2	0.7	0.4	319	0.55	4.1	1.1	21.9	6.3	5	<0.1	0.6	0.8	<2	0.02
TR10-3	Rock	0.82	1.2	22.8	3.9	63	<0.1	25.9	18.0	427	2.45	2.0	0.4	<0.5	2.0	65	<0.1	2.4	0.2	50	1.94
TR10-4	Rock	1.00	3.0	26.5	4.6	15	0.4	15.4	1.9	30	1.50	98.8	0.1	2.5	0.3	26	0.1	19.2	<0.1	10	0.01



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Project: ALCO
 Report Date: October 18, 2010

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CERTIFICATE OF ANALYSIS

VAN10005232.1

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	
SK10-368	Rock	0.078	9	14	0.42	48	0.001	<1	0.86	0.001	0.14	<0.1	0.25	2.1	<0.1	<0.05	4	<0.5	<0.2
SK10-369	Rock	0.151	18	16	0.66	138	0.031	<1	1.43	0.052	0.21	<0.1	<0.01	4.4	<0.1	<0.05	6	<0.5	<0.2
SK10-370	Rock	0.105	21	20	0.80	99	0.110	<1	1.55	0.025	0.11	<0.1	0.01	2.8	<0.1	<0.05	6	<0.5	0.3
SK10-371	Rock	0.154	21	49	0.46	83	0.002	<1	1.06	0.027	0.12	<0.1	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
SK10-372	Rock	0.184	9	83	0.62	125	0.003	<1	1.49	0.004	0.15	<0.1	0.05	4.4	<0.1	1.16	9	<0.5	<0.2
SK10-373	Rock	0.179	21	16	0.61	121	0.012	<1	1.66	0.050	0.19	<0.1	0.02	4.9	<0.1	<0.05	9	<0.5	<0.2
SK10-374	Rock	0.081	11	43	1.34	143	0.021	2	2.73	<0.001	0.05	0.2	0.03	5.5	<0.1	<0.05	9	<0.5	<0.2
MK10-379	Rock	0.030	20	17	0.36	48	0.004	<1	0.81	<0.001	<0.01	0.2	0.02	12.4	0.1	<0.05	6	<0.5	<0.2
MK10-380	Rock	0.203	25	103	0.68	65	0.004	<1	2.12	0.010	0.12	<0.1	0.03	6.5	<0.1	<0.05	12	<0.5	<0.2
MK10-381	Rock	0.013	5	34	0.22	29	0.003	<1	0.29	0.006	<0.01	0.7	0.08	1.2	<0.1	0.20	1	<0.5	<0.2
MK10-382	Rock	0.013	6	29	0.28	43	0.002	<1	0.46	0.003	0.01	0.1	0.21	2.2	0.5	0.32	3	<0.5	<0.2
MK10-383	Rock	0.193	9	84	0.46	109	0.004	<1	0.99	0.012	0.16	<0.1	0.03	2.2	0.3	0.07	6	0.6	<0.2
MK10-384	Rock	0.005	23	4	0.01	35	<0.001	<1	0.18	0.003	0.12	<0.1	0.02	0.2	<0.1	<0.05	<1	<0.5	<0.2
MK10-385	Rock	0.083	5	22	0.92	103	0.002	<1	1.80	0.002	0.12	<0.1	<0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
MK10-386	Rock	0.057	26	12	0.27	38	<0.001	<1	0.81	<0.001	0.21	<0.1	0.05	0.9	0.2	<0.05	3	<0.5	<0.2
MK10-387	Rock	0.167	26	102	1.31	99	0.007	<1	2.74	0.017	0.10	0.1	0.22	5.0	<0.1	<0.05	14	<0.5	<0.2
MK10-388	Rock	0.082	11	65	0.95	61	0.003	<1	2.85	0.006	0.09	<0.1	0.04	5.7	<0.1	0.86	14	<0.5	<0.2
MK10-389	Rock	0.012	15	2	0.01	15	<0.001	<1	0.18	<0.001	0.14	<0.1	0.28	0.1	<0.1	0.05	<1	0.9	<0.2
MK10-390	Rock	0.166	19	96	0.75	107	0.055	<1	1.94	0.051	0.08	<0.1	0.07	5.5	<0.1	<0.05	8	<0.5	<0.2
MK10-391	Rock	0.012	13	6	0.02	24	<0.001	<1	0.19	0.021	0.13	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
TR10-1	Rock	0.009	7	39	0.12	41	0.004	<1	0.18	0.009	<0.01	0.2	0.20	1.3	0.6	0.39	<1	<0.5	<0.2
TR10-2	Rock	0.002	15	10	0.05	43	0.002	<1	0.27	0.007	0.14	<0.1	0.05	0.5	<0.1	<0.05	2	<0.5	<0.2
TR10-3	Rock	0.102	27	22	0.65	68	0.002	<1	1.43	0.017	0.16	<0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
TR10-4	Rock	0.005	<1	12	<0.01	74	<0.001	3	0.18	0.004	0.08	<0.1	2.22	0.4	0.5	1.10	<1	1.5	<0.2



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QUALITY CONTROL REPORT

VAN10005232.1

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																					
MK10-389	Rock	0.55	15.3	30.3	677.6	128	59.7	0.5	0.4	26	0.61	112.4	0.3	25990	2.9	4	0.9	13.0	0.3	3	0.03
REP MK10-389	QC		14.1	30.7	684.9	127	61.5	0.5	0.4	27	0.62	110.9	0.3	32662	2.8	4	1.1	12.9	0.3	3	0.03
Reference Materials																					
STD DS7	Standard		23.2	115.2	72.3	388	1.0	64.3	9.5	612	2.38	44.9	5.3	64.6	5.0	63	5.4	5.3	4.3	81	0.96
STD DS7	Standard		22.7	117.2	72.7	384	1.0	58.1	9.5	595	2.35	44.8	5.1	69.5	4.9	62	5.2	5.1	4.3	79	0.92
STD DS7	Standard		21.3	109.3	71.4	411	1.0	56.6	9.3	628	2.41	52.1	5.2	83.6	4.8	80	6.7	6.4	4.4	78	0.97
STD DS7	Standard		21.0	111.6	67.9	398	1.0	56.7	9.2	615	2.37	51.1	4.9	73.0	4.7	79	6.0	6.0	4.5	78	0.96
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
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	3.0	2.2	42	<0.1	2.7	3.8	510	1.71	1.3	1.6	<0.5	5.0	46	<0.1	<0.1	<0.1	33	0.43
G1	Prep Blank	<0.01	0.5	2.5	2.2	42	<0.1	2.9	3.9	521	1.81	1.4	1.6	<0.5	5.0	46	<0.1	<0.1	<0.1	34	0.42



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QUALITY CONTROL REPORT

VAN10005232.1

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																				
MK10-389	Rock	0.012	15	2	0.01	15	<0.001	<1	0.18	<0.001	0.14	<0.1	0.28	0.1	<0.1	0.05	<1	0.9	<0.2	
REP MK10-389	QC	0.012	15	3	0.02	16	<0.001	<1	0.20	<0.001	0.15	<0.1	0.30	0.2	<0.1	0.05	<1	1.2	<0.2	
Reference Materials																				
STD DS7	Standard	0.068	13	219	1.05	354	0.141	38	1.03	0.094	0.43	3.6	0.21	2.3	3.9	0.20	5	3.2	0.6	
STD DS7	Standard	0.068	12	211	1.02	360	0.134	37	0.98	0.092	0.41	3.6	0.21	2.1	4.0	0.20	4	3.5	0.6	
STD DS7	Standard	0.078	14	213	1.07	426	0.126	39	1.04	0.095	0.48	4.0	0.22	2.3	4.1	0.19	5	2.7	1.6	
STD DS7	Standard	0.077	14	210	1.05	405	0.125	37	1.03	0.094	0.47	3.6	0.24	2.4	4.0	0.19	5	3.4	1.3	
STD DS7 Expected		0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08	
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	0.081	10	9	0.52	163	0.108	1	0.83	0.060	0.48	<0.1	<0.01	1.6	0.3	<0.05	4	<0.5	<0.2	
G1	Prep Blank	0.078	9	9	0.53	191	0.112	<1	0.86	0.061	0.49	<0.1	<0.01	1.6	0.3	<0.05	4	<0.5	<0.2	