

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 7819⁺

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) 5122531 June 23 - 27 / 2011

PROPERTY NAME COPLEY EXTENSION

CLAIM NAME(S) (on which work was done) 838211, 838212, 838213

COMMODITIES SOUGHT Au/Ag - Cu/Mo

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

MINING DIVISION UMENELA NTS 093F086, 093F087, 093F076, 093F077

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

OWNER(S) UTM COORDINATES 377000E / 5963000N

1) SEAN KENNEDY 2) _____

MAILING ADDRESS
KIMBERLEY B.C.

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 altitude):
Large zone of NW trending alteration - Clay, quartz veining and brecciation.
Anomalous base and precious metals associated with hematite and pyrite.
Rocks age from Eocene to Jurassic, both volcanics and intrusives. Alteration
exists within a regional complex of hot spring activity.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 13944, 19278, 24228
and 26711

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 _____	52 Samples	838211, 838212, 838213	7818.-
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			7818.-

ASSESSMENT REPORT
On
Rock Geochemistry

COPLEY EXTENSION PROPERTY
Coley Lake Area

Omineca Mining Division

Trim 093F.086/087/076/077
UTM Coordinates 377000E – 5963000N

OWNER
Sean Kennedy
107 - 6th Ave
Kimberley, BC V1A 2V1

BC Geological Survey
Assessment Report
32691

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

January 2012

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COPLEY EXTENSION PROPERTY

ROCK GEOCHEMISTRY REPORT

Craig Kennedy

January 2012

1.00 INTRODUCTION

1.10 Location and Access

The property is approximately 32 km due south of the town of Fraser Lake in central BC, map sheet numbers 093F.086/087/076/077. UTM coordinates 377000E – 5963000N. Access is provided by a good main logging road, the Holy Cross Forestry Road, and good secondary all season and seasonal branch roads. Topography is gentle to moderate with many low swampy areas. The forest cover has recently been adversely impacted by the 2010 wildfire. Historic and recent harvesting areas along with virgin tracks of forest have nearly completely been destroyed by the fire.

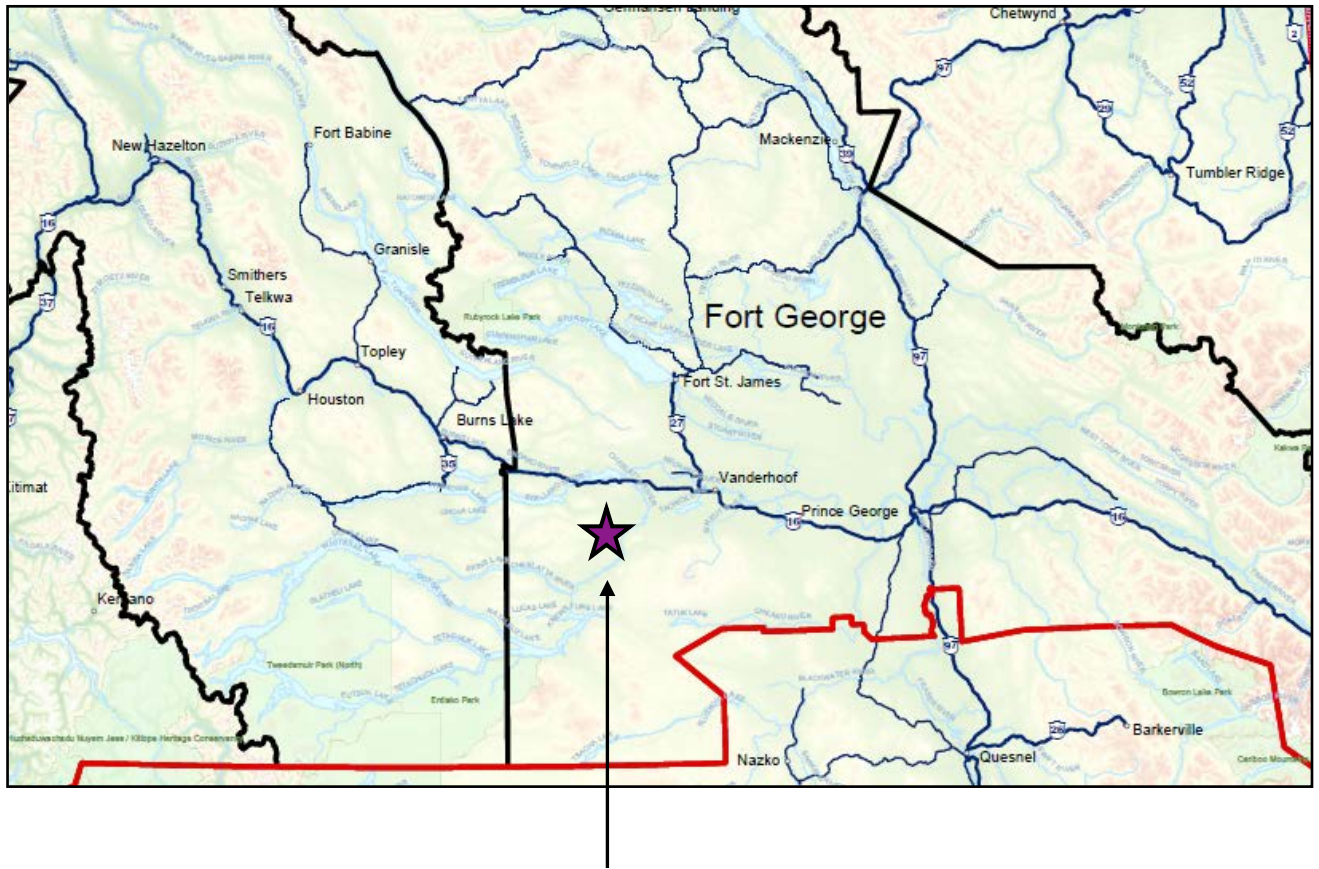
1.20 Property

The Copley Extension Property is made up of 9 mineral tenures: 838211 – 838219 and are registered to Sean Kennedy of Kimberley BC. This work program was funded by Kootenay Gold Inc. of Vancouver BC.

1.30 History of Previous Exploration

The area has seen moderate to heavy exploration activity through the past 50 years. Mo/Cu porphyry and epithermal Au/Ag have been major deposit types sought. Assessment reports 13944, 19278, 24228 and 26711 give a good general description of the geological setting. Minfiles 093F029 (Holy Cross), 093F044 (Trout) and 093F066 (Stubb) reside in the general area of the Copley Extension Property.

Figure 1: Regional Location Map

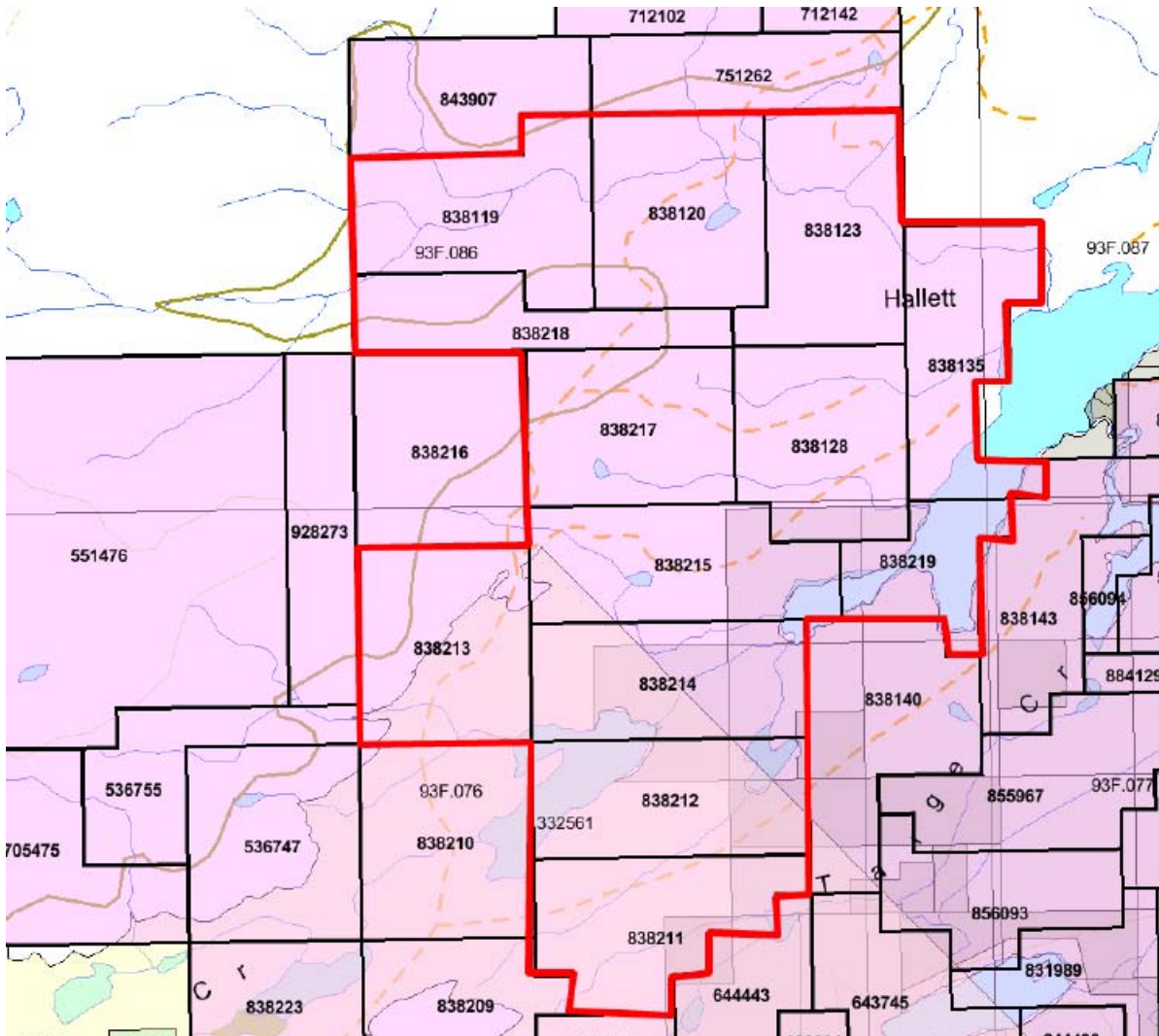


Copley Extension Property Location

Figure 2: Claim Location Map

Map Sheets # 093F.086/087/076/077

Scale 1:80,000



Tenure numbers: 838211, 838212, 838213, 838214, 838215, 838216, 838217, 838218, 838219, 838119, 838120, 838123, 838128, 838135

2.00 ROCK GEOCHEMISTRY

An initial prospecting and rock geochemistry survey was completed on the Copley Extension property during the summer of 2011. As has been mentioned many times in the past; rock outcrop occurrences are a very rare sight in the Nechako. A recent development has helped in the area of the Copley Extension at providing outcrop opportunity, that being a 40,000 hectare wildfire in the summer of 2010.

The procedure employed is simple, prospecting locates altered zones and subsequent bedrock sampling provides rock geochemistry data. It is hoped that sampling alteration zones will develop alteration trends related to structure. Rock silicification, micro and macro veins and silicified breccia zones are the preferred forms of alteration searched for and sampled. A fairly large volume of samples is required to provide a viable database and to allow an opportunity to achieve anomalous precious and base metal values. The geological area of the Copley Extension property is within a cluster of ancient hot spring occurrences. These hot springs occupy lithologies ranging from Jurassic up into Miocene time; this fact creates field observation and data interpretation complexities as could be expected with overlapping magmatic events.

It is thought that the key to discovery of deposits in the Nechako is related to structurally active intersecting conduits. Hot spring clusters verify this process has occurred in the Copley Extension property domain. Rock geochemistry completed on the Copley Extension shows a north west trending zone of alteration with both anomalous precious and base metals. The orientation is of importance because of its perpendicular setting to the major north east (60°) geomorphology of the area. This circumstance provides the opportunity that the anomalous alteration zones occupy intersections of the two major structural features of the area.

3.00 CONCLUSION

Recent exploration work within the Copley Extension Property has begun to indicate structural controls on regional hot spring type alteration zones. The hot spring cluster that exists within this part of the Nechako River watershed is known to host important occurrences of precious and base metals. Exploration programs are being operated on the historic Trout, Holy Cross, Copley and Stubb hot spring occurrences at this time. Good reference reports are assessment numbers: 30909, 13944, 30368, 17807, 19005, 19278, 24228, 30618, 30128, 23096, 24305 and 31643.

Future work on the Copley extension property should include prospecting, geology, aerial geophysics, trenching and drilling. The 2010 wildfire provides a slight window of opportunity and should be exploited.

4.00 STATEMENT OF EXPENDITURES

Rock Geochemistry Program
The Summit Property

Work performed: Summer 2011

Prospecting Contractors:

Sean Kennedy - 4 days @ 500/day (Includes 4x4 vehicle)	\$ 2000.00
3 days ATV rental	450.00
Mike Kennedy – 4 days @ 350/day	1400.00
Mike O’Connell – 4 days @ 200/day	800.00
Acme Labs – 52 rock samples (incl. freight)	1508.00
Living Out & Traveling	660.00
Craig Kennedy - report preparation and writing Misc supplies & mapping	<u>1000.00</u>
Total:	<u>\$7818.00</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

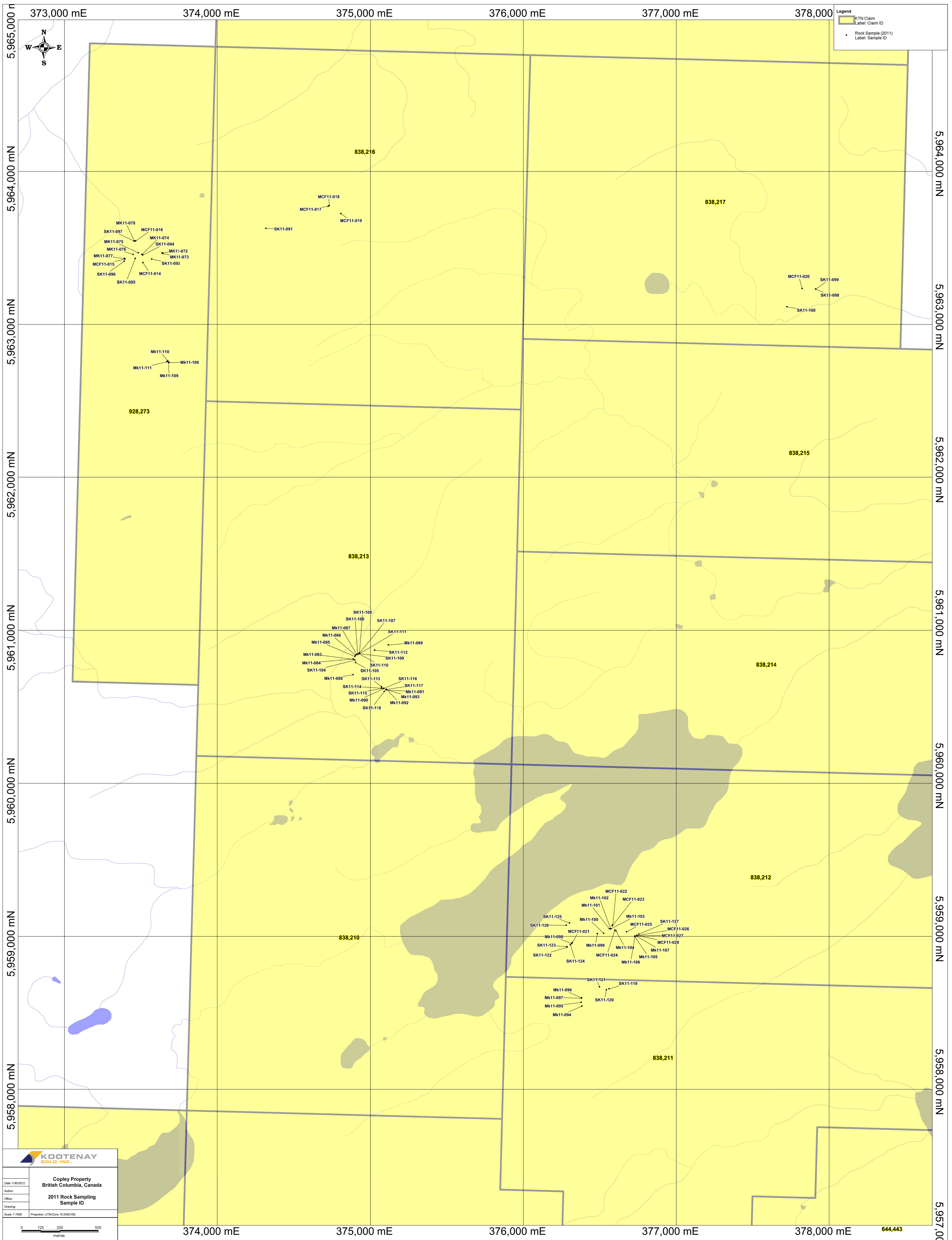
Craig Kennedy
Prospector

Appendix #1 - Rock Sample Descriptions

Sample No.	UTM E	UTM N	Property	Description
SK11-98	377913	5963230	Copley Regional	Megacrystic granite. Sheeted thin qtz veins w/cpy, chl, carb. K-spar alt
SK11-99	377912	5963230	Copley Regional	Same as last, specularite, no Cpy
SK11-100	377724	5963114	Copley Regional	Same as last, subcrop?. Strong ser along vein margins, cpy. Looks like a pyroclastic bx sits on top of granite.
MCF11-20	377824	5963233	Copley	Tufa with vesicular texture, very vuggy
Mk11-83	374889	5960810	Copley Regional	small epithermal with clay alteration
Mk11-84	374888	5960812	Copley Regional	alteration of float
Mk11-85	374899	5960828	Copley Regional	yellow staining, mirco veining.
Mk11-86	374903	5960836	Copley Regional	alt material small chalcedony
Mk11-87	374911	5960841	Copley Regional	same
Mk11-88	374887	5960709	Copley Regional	some silicious ,more mafic pyrite +Fe
Mk11-89	375119	5960903	Copley Regional	Epi float + barrite
Mk11-90	375090	5960619	Copley Regional	Epi +Green prop alteration +barite
Mk11-91	375103	5960610	Copley Regional	Epi
Mk11-92	375106	5960614	Copley Regional	Epi
Mk11-93	375108	5960611	Copley Regional	Epi
SK11-104	374899	5960805	Copley Regional	Argillically altered dacite bx. Banded qtz veins, Mn, carb alt
SK11-105	374904	5960789	Copley Regional	Same as last
SK11-106	374917	5960841	Copley Regional	Silicified volcanic bx, yellow clay, Ba, some japer, specularite
SK11-107	374929	5960851	Copley Regional	Strongly argillically altered volcanic bx, epitherm qtz veins up to 20 cm wide, py, strong looking. Veins 320/68 E, cpy, bornite, hosted in andesite
SK11-108	374929	5960851	Copley Regional	Same as last
SK11-109	374925	5960847	Copley Regional	Thinner qtz veins parallel to last, Cpy, zone of veining and alteration is >3.5 m wide
SK11-110	374928	5960845	Copley Regional	20 cm wide vein similar to 107/108. Lots of Cpy/grey Cu, malachite

Sample No.	UTM E	UTM N	Property	Description
SK11-111	374928	5960846	Copley Regional	Same as last
SK11-112	375028	5960869	Copley Regional	Brecciated flow banded rhyolite float. Qtz, Ba
SK11-113	375074	5960631	Copley Regional	Sugary qtz/Ba vein in rhyolite w/hem/py, bladed calcite
SK11-114	375076	5960622	Copley Regional	epithermal qtz bx, hem stain, Ba, in felsic volcanic
SK11-115	375077	5960620	Copley Regional	Same as last
SK11-116	375088	5960620	Copley Regional	Same as last
SK11-117	375104	5960613	Copley Regional	Epithermal qtz bx/replacement, hem, Ba, goe, in felsic volcanic
SK11-118	375092	5960600	Copley Regional	Same as last, py
SK11-119	376562	5958655	Copley Regional	Purple rhyolite bx, weak qtz veins and argillic alt
SK11-120	376544	5958649	Copley Regional	Same as last
SK11-121	376499	5958668	Copley Regional	Pervasively silicified rhyolite bx float in tree root. Ba fractures
SK11-122	376286	5958929	Copley Regional	Argillically altered rhyolite, qtz bx, py, goe, chlorite
SK11-123	376285	5958932	Copley Regional	Same as last
SK11-124	376307	5958945	Copley Regional	Same as last, erratically developed, Ba
SK11-125	376302	5959087	Copley Regional	Same as last, north-south trend, qtz stockwork in rhyolite, hem stain
SK11-126	376281	5959072	Copley Regional	Silicified rhyolite bx boulder, hem
SK11-127	376756	5959014	Copley Regional	Strongly silicified and py rich flow-banded rhyolite. Flow banding 270/45 N
Mk11-94	376384	5958542	Copley Regional	Micro veins in vugs
Mk11-95	376380	5958567	Copley Regional	breccia rhyolite silicification
Mk11-96	376382	5958597	Copley Regional	rare qtz small zones micro +pyrite
Mk11-97	376381	5958594	Copley Regional	same
Mk11-98	376316	5958952	Copley Regional	weak epi zone crush
Mk11-99	376485	5959017	Copley Regional	epi zone + lim quartz veins
Mk11-100	376526	5959019	Copley Regional	small qtz epi

Sample No.	UTM E	UTM N	Property	Description
Mk11-101	376564	5959049	Copley Regional	epidote silicified rhyolite
Mk11-102	376572	5959049	Copley Regional	chalcedony breccia
Mk11-103	376574	5959049	Copley Regional	Same as above
Mk11-104	376607	5959034	Copley Regional	same more vugs
Mk11-105	376731	5958997	Copley Regional	old sample site, epi and pyrite
Mk11-106	376730	5959002	Copley Regional	Same as above
Mk11-107	375104	5960613	Copley Regional	Epithermal qtz bx/replacement, hem, Ba, goe, in felsic volcanic
MCF11-21	375092	5960600	Copley Regional	Same as last, py
MCF11-22	376320	5958959	Copley	breccia with goetite veining
MCF11-23	376585	5959072	Copley	silicious, epithermal chalcendony veins, barite, breccia
MCF11-24	376582	5959068	Copley	silicious, epithermal chalcendony veins, barite, breccia
MCF11-25	376599	5959040	Copley	Chalcedony hematitic quartz veining.
MCF11-26	376676	5959029	Copley	brecciated goetite veining, rhyolite
MCF11-27	376744	5959005	Copley	breccia with silica veins, qtz veining.
MCF11-28	376744	5959004	Copley	breccia wt pyrite + silica, many sulphides



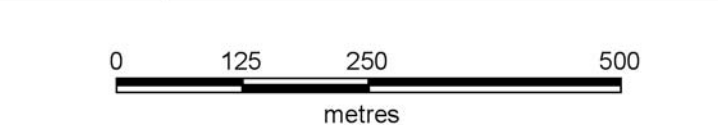
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 Rock Sample (2011)
 Label: Sample ID

KOOTENAY GOLD INC.

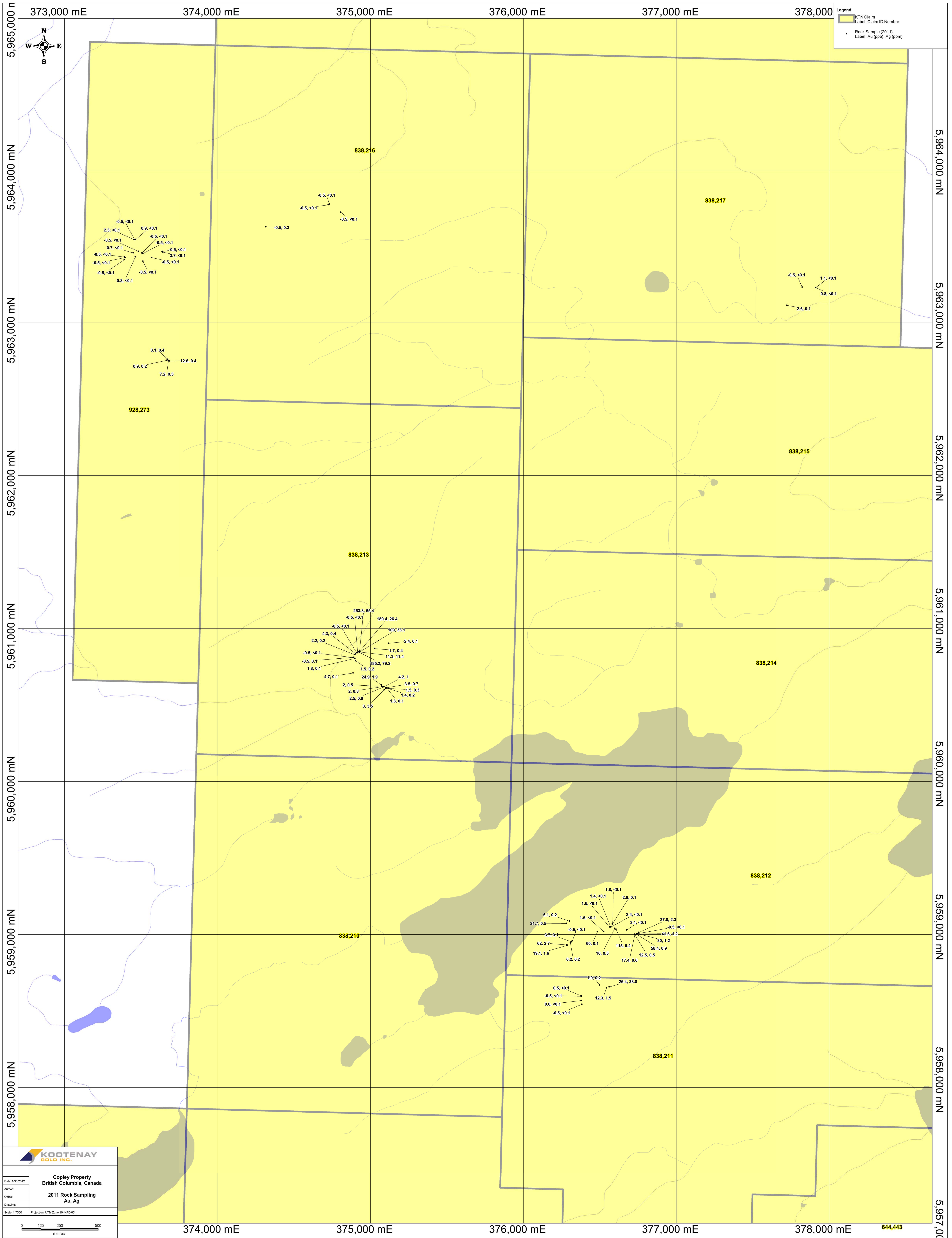
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 British Columbia, Canada

2011 Rock Sampling
 Sample ID

Date: 1/30/2012
 Author:
 Office:
 Drawing:
 Scale: 1:7500
 Projection: UTM Zone 10 (NAD 83)



644,443



Legend
 KTN Claim
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 Rock Sample (2011)
 Label: Au (ppm), Ag (ppm)

373,000 mE

374,000 mE

375,000 mE

376,000 mE

377,000 mE

378,000 mE

5,965,000 mN
5,964,000 mN
5,963,000 mN
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5,964,000 mN
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5,961,000 mN
5,960,000 mN
5,959,000 mN
5,958,000 mN
5,957,000 mN

KOOTENAY GOLD INC.

Copley Property
 British Columbia, Canada

2011 Rock Sampling
 Au, Ag

Date: 1/30/2012
 Author:
 Office:
 Drawing:
 Scale: 1:7500
 Projection: UTM Zone 10 (NAD 83)

0 125 250 500 metres

374,000 mE

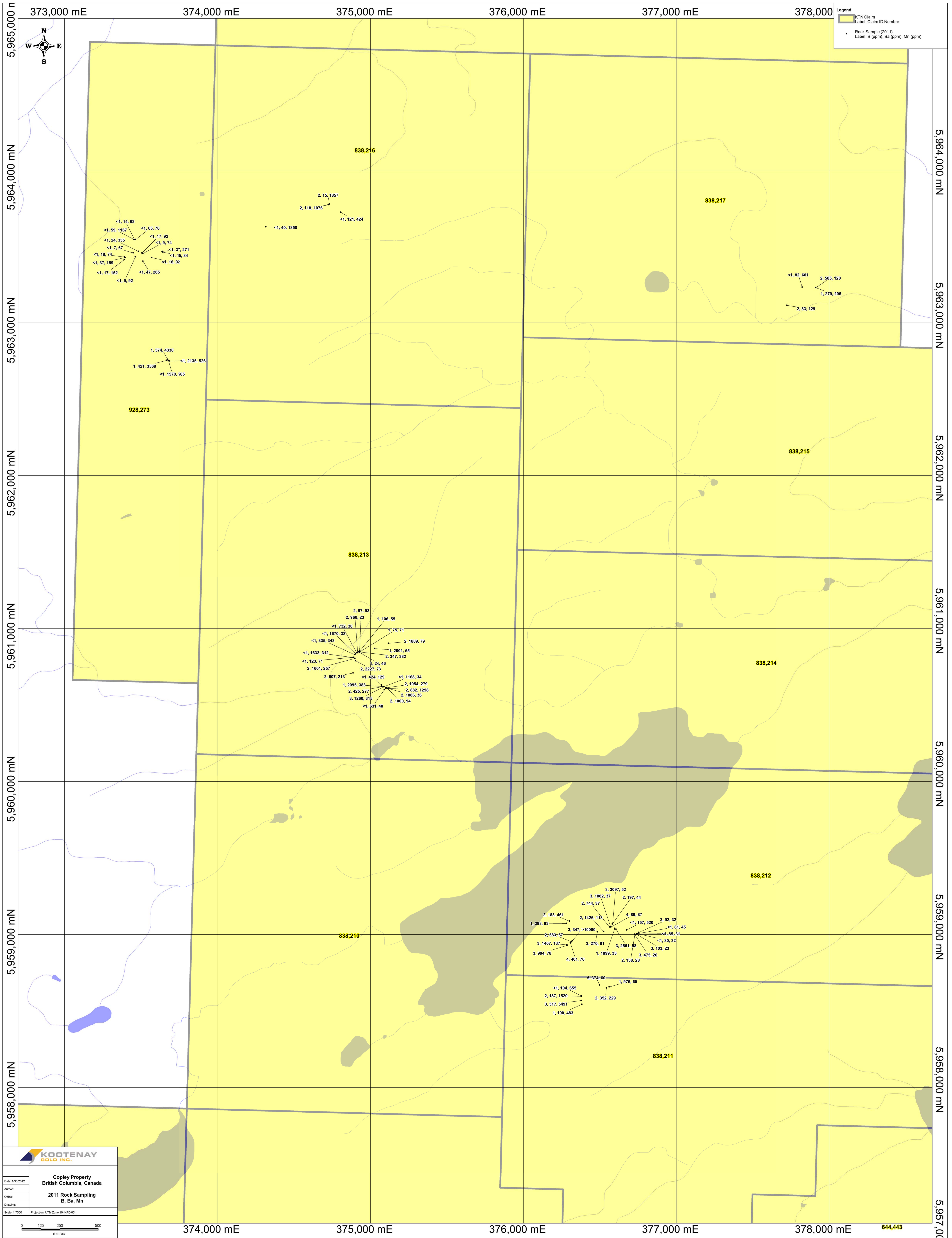
375,000 mE

376,000 mE

377,000 mE

378,000 mE

644,443



Legend
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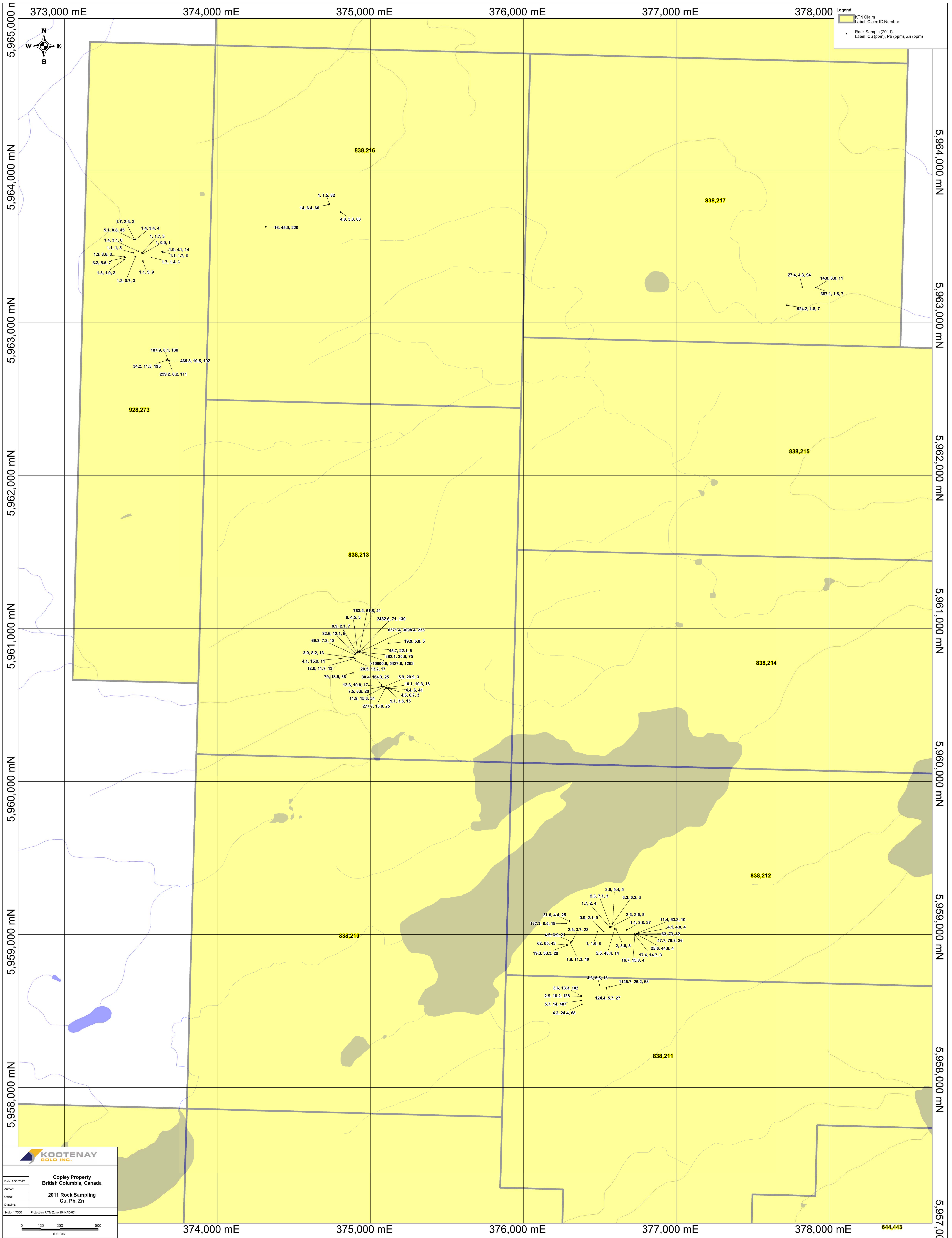
KOOTENAY GOLD INC.

Copley Property
 British Columbia, Canada

2011 Rock Sampling
 B, Ba, Mn

Date: 1/30/2012
 Author:
 Office:
 Drawing:
 Scale: 1:7500
 Projection: UTM Zone 10 (NAD 83)

0 125 250 500 metres



Legend
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 Rock Sample (2011)
 Label: Cu (ppm), Pb (ppm), Zn (ppm)

KOOTENAY GOLD INC.

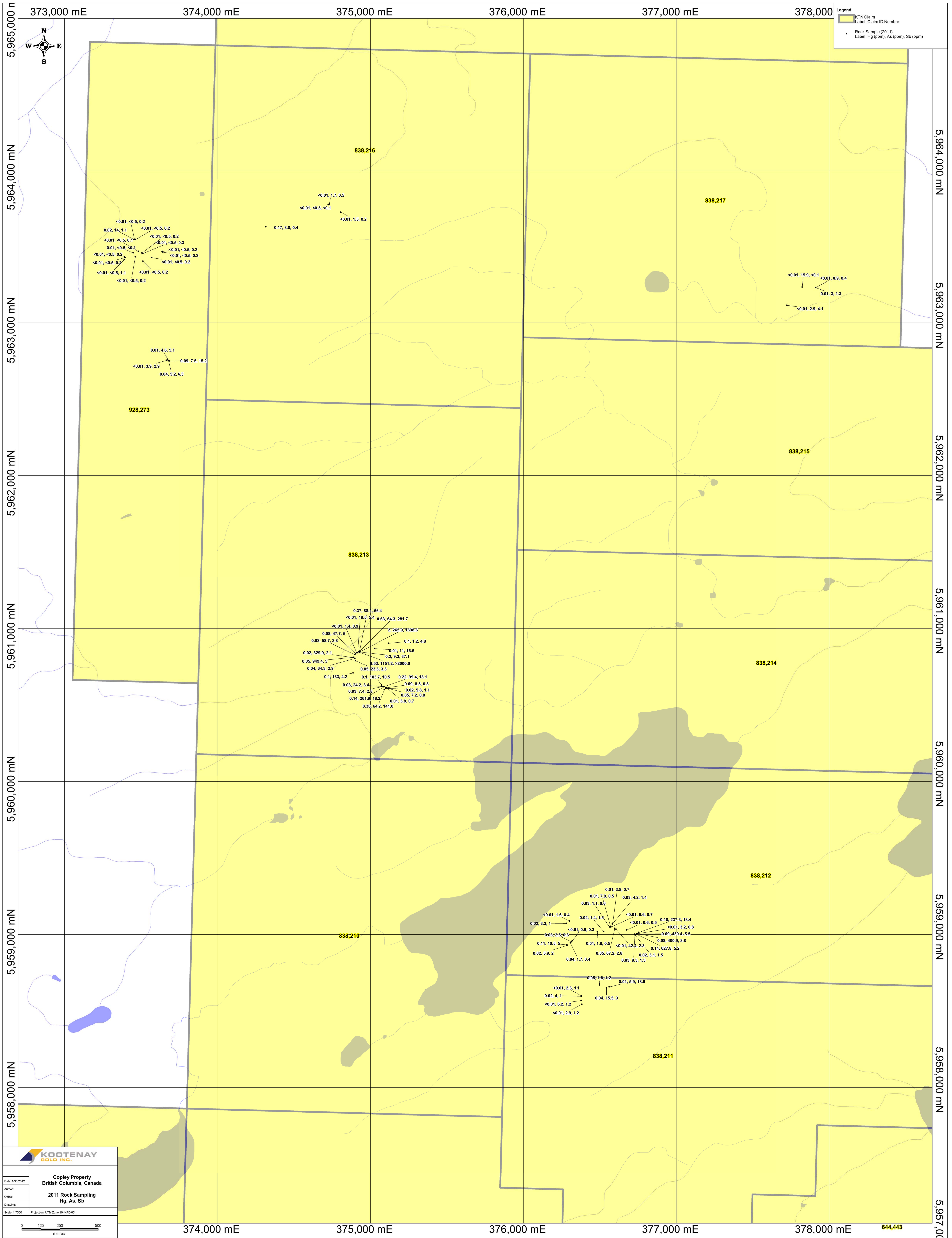
Copley Property
 British Columbia, Canada

2011 Rock Sampling
 Cu, Pb, Zn

Date: 1/30/2012
 Author:
 Office:
 Drawing:
 Scale: 1:7500
 Projection: UTM Zone 10 (NAD 83)

0 125 250 500 metres

644,443



Legend
 KTN Claim
 Label: Claim ID Number
 Rock Sample (2011)
 Label: Hg (ppm), As (ppm), Sb (ppm)

373,000 mE

374,000 mE

375,000 mE

376,000 mE

377,000 mE

378,000 mE

5,965,000 mN
5,964,000 mN
5,963,000 mN
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5,964,000 mN
5,963,000 mN
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5,959,000 mN
5,958,000 mN

KOOTENAY GOLD INC.

Copley Property
 British Columbia, Canada

2011 Rock Sampling
 Hg, As, Sb

Date: 1/30/2012
 Author:
 Office:
 Drawing:
 Scale: 1:7500
 Projection: UTM Zone 10 (NAD 83)

374,000 mE

375,000 mE

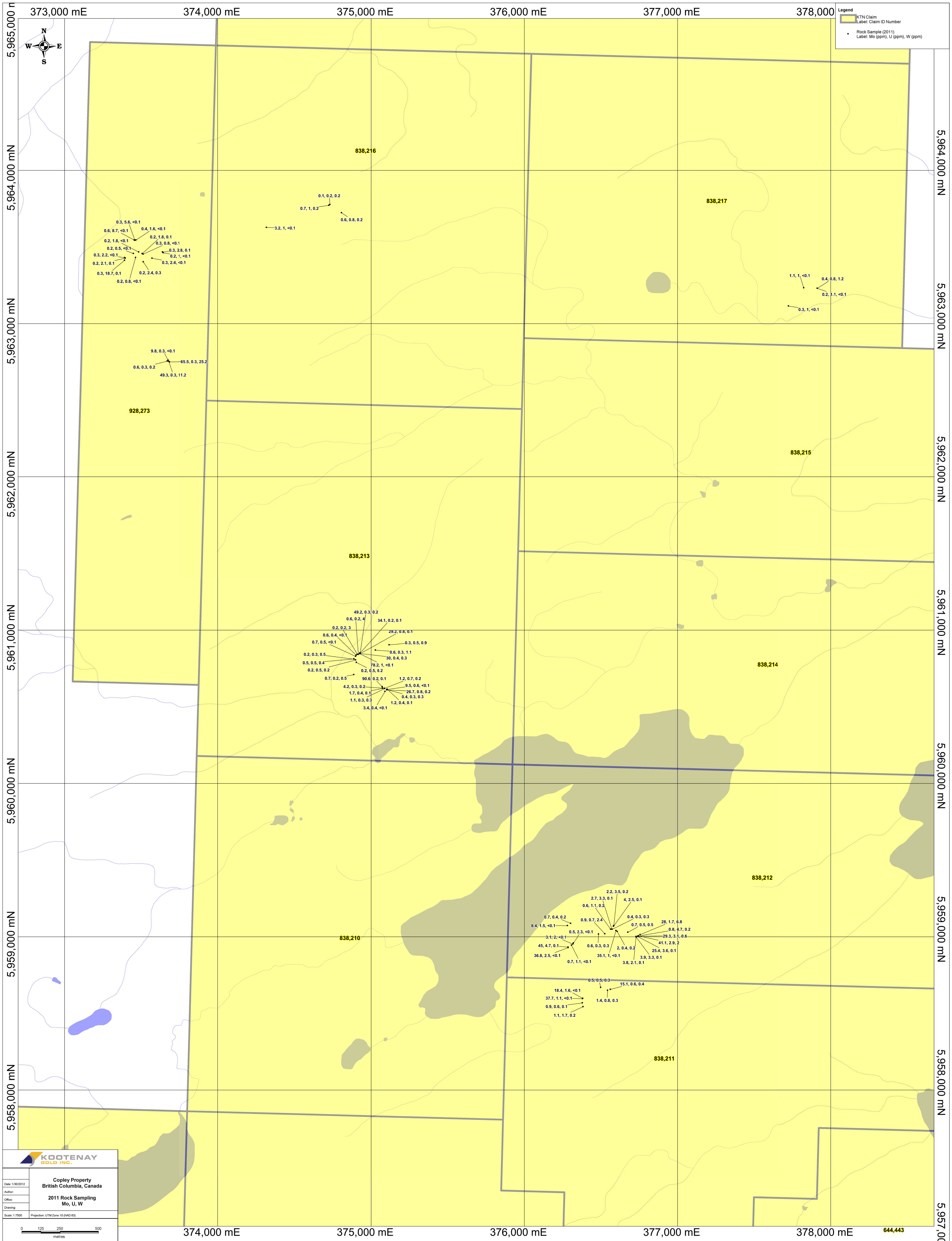
376,000 mE

377,000 mE

378,000 mE

644,443





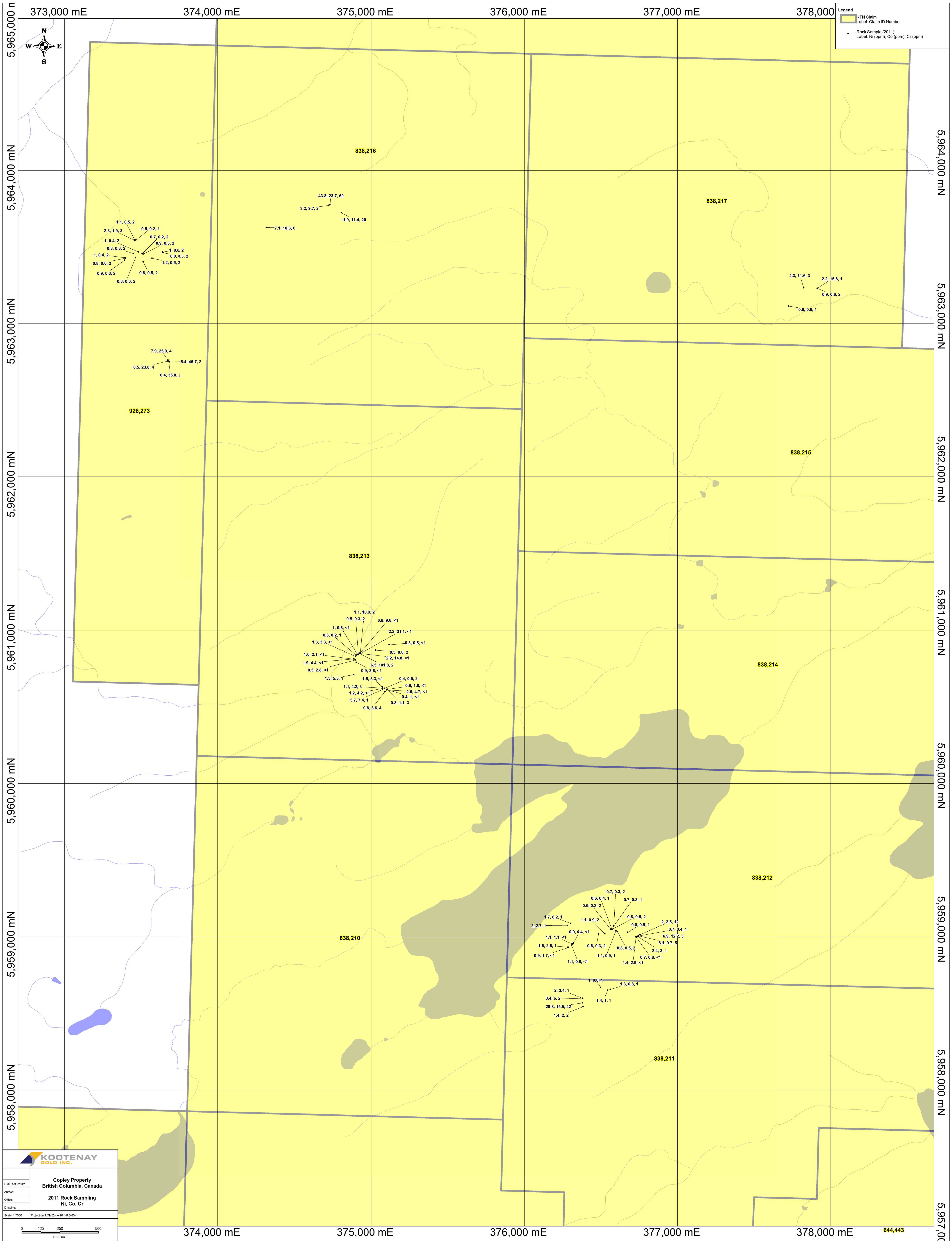
KOOTENAY GOLD INC.

Copley Property
British Columbia, Canada

2011 Rock Sampling
Mo, U, W

Date: 1/30/2012
Author:
Office:
Drawing:
Scale: 1:7500
Projection: UTM Zone 10 (NAD 83)

0 125 250 500 metres



Legend
 KTN Claim
 Label: Claim ID Number
 Rock Sample (2011)
 Label: Ni (ppm), Co (ppm), Cr (ppm)

KOOTENAY GOLD INC.

Copley Property
 British Columbia, Canada

2011 Rock Sampling
 Ni, Co, Cr

Date: 1/30/2012
 Author:
 Office:
 Drawing:
 Scale: 1:7500
 Projection: UTM Zone 10 (NAD 83)

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: June 29, 2011
Report Date: July 14, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN11002902.1

CLIENT JOB INFORMATION

Project: COPLEY REGIONAL
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 7AR.

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. ** 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: COPLEY REGIONAL
 Report Date: July 14, 2011

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN11002902.1

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	
MK11-83	Rock	0.34	0.2	3.9	8.2	13	<0.1	1.6	2.1	312	1.13	329.9	0.3	<0.5	2.0	21	<0.1	2.1	<0.1	10	0.14
MK11-84	Rock	0.45	0.5	4.1	15.9	11	0.1	1.9	4.4	71	1.49	949.4	0.5	<0.5	1.6	9	<0.1	5.0	<0.1	5	0.16
MK11-85	Rock	0.61	0.7	69.3	7.2	18	0.2	1.3	3.3	343	1.37	58.7	0.5	2.2	1.8	7	<0.1	2.8	<0.1	7	0.11
MK11-86	Rock	0.39	0.6	32.6	12.1	5	0.4	0.3	0.2	32	0.50	47.7	0.4	4.3	2.3	20	<0.1	5.0	<0.1	<2	0.06
MK11-87	Rock	0.48	0.2	8.9	2.1	7	<0.1	1.0	0.6	38	0.56	1.4	0.2	<0.5	1.5	10	<0.1	0.9	<0.1	10	0.09
MK11-88	Rock	0.56	0.7	79.0	13.5	38	0.1	1.3	5.5	213	3.99	133.0	0.2	4.7	1.5	7	<0.1	4.2	0.3	19	0.01
MK11-89	Rock	0.69	0.3	19.9	6.8	5	0.1	0.3	0.5	79	1.00	1.2	0.5	2.4	3.3	23	<0.1	4.8	<0.1	7	0.07
MK11-90	Rock	1.12	1.1	11.9	15.3	54	0.9	5.7	7.4	315	2.41	261.9	0.3	2.5	1.5	30	0.2	18.2	<0.1	16	0.08
MK11-91	Rock	0.49	26.7	4.4	6.0	41	0.3	2.6	4.7	1298	1.04	5.8	0.8	1.5	0.7	13	<0.1	1.1	0.5	8	0.06
MK11-92	Rock	0.71	1.2	9.1	3.3	15	0.1	0.8	1.1	94	0.92	3.8	0.4	1.3	1.1	23	<0.1	0.7	0.1	7	0.07
MK11-93	Rock	0.98	0.4	4.5	6.7	3	0.2	0.4	1.0	36	0.35	7.2	0.3	1.4	1.1	24	<0.1	0.8	0.2	3	0.11
SK11-104	Rock	0.46	0.2	12.6	11.7	13	0.1	0.5	2.8	257	0.88	64.3	0.5	1.8	1.8	17	<0.1	2.9	<0.1	4	0.08
SK11-105	Rock	0.45	0.2	20.5	13.2	17	0.2	0.9	2.6	73	0.96	23.8	0.5	1.5	2.1	38	0.2	3.3	<0.1	9	0.10
SK11-106	Rock	0.72	0.6	8.0	4.5	3	<0.1	0.5	0.3	23	1.08	18.5	0.2	<0.5	0.8	15	<0.1	5.4	0.2	12	0.04
SK11-107	Rock	0.77	34.1	2483	71.0	130	26.4	0.8	9.6	55	1.78	64.3	0.2	189.4	0.2	16	2.2	281.7	25.2	6	0.02
SK11-108	Rock	0.78	49.2	763.2	61.8	49	65.4	1.1	10.9	93	1.96	88.1	0.3	253.8	0.3	11	0.6	66.4	69.8	7	0.02
SK11-109	Rock	0.41	30.0	882.1	30.8	75	11.4	2.2	14.8	382	2.38	9.3	0.4	11.3	2.1	8	0.3	37.1	13.7	10	0.05
SK11-110	Rock	0.50	78.2	>10000	5428	1263	79.2	6.5	101.8	46	3.73	1151	1.0	185.2	0.2	10	12.4	>2000	43.3	5	0.01
SK11-111	Rock	0.42	29.2	6371	3098	233	33.1	2.2	31.1	71	2.03	265.9	0.8	109.0	0.6	13	2.8	1399	27.7	5	0.03
SK11-112	Rock	0.47	0.6	45.7	22.1	5	0.4	0.3	0.6	55	0.53	11.0	0.3	1.7	1.4	27	<0.1	16.6	0.5	3	0.05
SK11-113	Rock	0.93	90.6	30.4	164.3	25	1.9	1.5	3.3	129	1.46	103.7	0.2	24.9	0.6	82	<0.1	10.5	0.6	9	0.04
SK11-114	Rock	0.39	4.2	13.6	10.8	17	0.5	1.1	4.2	383	0.81	24.2	0.3	2.0	0.8	21	<0.1	3.4	0.4	7	0.07
SK11-115	Rock	0.90	1.7	7.5	6.6	20	0.3	1.2	4.2	277	0.66	7.4	0.4	2.0	1.4	8	<0.1	2.8	<0.1	5	0.10
SK11-116	Rock	0.74	1.2	5.9	20.9	3	1.0	0.4	0.5	34	0.48	99.4	0.7	4.2	1.6	23	<0.1	18.1	<0.1	3	0.05
SK11-117	Rock	0.73	9.5	10.1	10.3	18	0.7	0.9	1.8	279	0.73	8.5	0.6	3.5	1.9	29	<0.1	0.8	0.6	7	0.08
SK11-118	Rock	0.70	3.4	277.7	10.8	25	3.5	0.8	3.6	40	0.54	64.2	0.4	3.0	0.7	30	0.3	141.8	6.6	3	0.05



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: COPLEY REGIONAL
 Report Date: July 14, 2011

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

VAN11002902.1

Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	7AR
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	
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	0.001	
MK11-83	Rock	0.055	10	<1	0.03	1633	<0.001	<1	0.28	0.002	0.21	0.5	0.02	1.2	<0.1	0.06	<1	<0.5	<0.2	
MK11-84	Rock	0.060	7	<1	0.03	123	<0.001	<1	0.28	0.001	0.21	0.4	0.05	0.7	<0.1	0.05	<1	0.5	<0.2	
MK11-85	Rock	0.075	2	<1	<0.01	335	<0.001	<1	0.23	0.002	0.27	<0.1	0.02	1.0	0.3	0.17	<1	<0.5	<0.2	
MK11-86	Rock	0.048	13	1	0.01	1670	<0.001	<1	0.22	0.001	0.27	<0.1	0.08	0.6	0.2	<0.05	<1	<0.5	<0.2	
MK11-87	Rock	0.036	3	<1	0.01	732	0.002	<1	0.26	<0.001	0.28	3.0	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2	
MK11-88	Rock	0.034	2	1	0.05	607	0.003	2	0.77	<0.001	0.29	0.5	0.10	1.6	0.1	0.16	2	<0.5	<0.2	
MK11-89	Rock	0.030	18	<1	0.01	1889	0.004	2	0.22	0.001	0.22	0.9	0.10	0.5	<0.1	0.05	<1	<0.5	<0.2	
MK11-90	Rock	0.044	4	1	0.06	1260	<0.001	3	0.73	<0.001	0.24	0.3	0.14	1.2	0.5	0.07	1	<0.5	<0.2	
MK11-91	Rock	0.021	1	<1	0.02	882	<0.001	2	0.20	<0.001	0.17	0.2	0.02	1.0	0.1	<0.05	<1	<0.5	<0.2	
MK11-92	Rock	0.046	4	3	0.01	1000	<0.001	2	0.29	<0.001	0.22	0.1	0.01	0.6	0.2	<0.05	<1	<0.5	<0.2	
MK11-93	Rock	0.039	7	<1	<0.01	1086	<0.001	2	0.27	0.001	0.25	0.3	0.85	0.3	<0.1	0.08	<1	0.7	<0.2	
SK11-104	Rock	0.053	6	<1	0.02	1601	<0.001	2	0.24	0.001	0.21	0.2	0.04	0.7	0.2	<0.05	<1	<0.5	<0.2	
SK11-105	Rock	0.058	5	<1	0.03	2227	<0.001	2	0.36	<0.001	0.26	0.2	0.05	1.0	<0.1	0.06	<1	<0.5	<0.2	
SK11-106	Rock	0.017	3	2	<0.01	960	0.004	2	0.22	<0.001	0.17	4.0	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2	
SK11-107	Rock	0.004	<1	<1	<0.01	106	<0.001	1	0.11	0.002	0.12	0.1	0.63	0.5	<0.1	0.73	<1	6.4	9.4	
SK11-108	Rock	0.006	<1	2	0.01	97	0.001	2	0.16	0.003	0.16	0.2	0.37	0.6	<0.1	0.76	<1	6.0	35.6	
SK11-109	Rock	0.035	6	<1	0.03	347	0.001	2	0.51	0.002	0.33	0.3	0.20	1.4	<0.1	0.20	1	2.3	5.9	
SK11-110	Rock	0.003	1	2	<0.01	24	<0.001	1	0.15	0.003	0.20	<0.1	9.53	0.6	<0.1	3.18	<1	31.3	21.3	2.355
SK11-111	Rock	0.014	<1	<1	0.01	75	<0.001	1	0.22	0.003	0.19	0.1	2.00	0.9	0.1	0.93	<1	10.7	13.4	
SK11-112	Rock	0.018	4	2	<0.01	2001	0.002	1	0.18	<0.001	0.19	1.1	0.01	0.4	<0.1	0.06	<1	<0.5	<0.2	
SK11-113	Rock	0.029	1	<1	0.03	424	<0.001	<1	0.32	<0.001	0.22	0.1	0.10	0.5	0.8	0.17	<1	<0.5	<0.2	
SK11-114	Rock	0.036	2	3	0.01	2095	<0.001	1	0.24	<0.001	0.22	0.2	0.03	0.6	0.2	0.05	<1	<0.5	<0.2	
SK11-115	Rock	0.042	10	<1	0.01	425	<0.001	2	0.29	<0.001	0.26	0.1	0.03	0.6	0.3	<0.05	<1	<0.5	<0.2	
SK11-116	Rock	0.030	6	2	<0.01	1168	<0.001	<1	0.22	<0.001	0.22	0.2	0.22	0.4	0.3	<0.05	<1	<0.5	<0.2	
SK11-117	Rock	0.037	9	<1	0.01	1954	<0.001	2	0.29	0.001	0.27	<0.1	0.09	0.6	0.1	0.05	<1	<0.5	0.5	
SK11-118	Rock	0.019	3	4	<0.01	631	<0.001	<1	0.19	0.002	0.19	<0.1	0.36	0.3	0.3	0.18	<1	<0.5	3.6	



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: COPLEY REGIONAL
 Report Date: July 14, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

VAN11002902.1

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																					
SK11-109	Rock	0.41	30.0	882.1	30.8	75	11.4	2.2	14.8	382	2.38	9.3	0.4	11.3	2.1	8	0.3	37.1	13.7	10	0.05
REP SK11-109	QC		29.5	880.2	30.4	73	10.9	2.1	14.0	373	2.33	8.6	0.4	11.0	2.1	7	0.1	35.9	13.5	10	0.05
SK11-110	Rock	0.50	78.2	>10000	5428	1263	79.2	6.5	101.8	46	3.73	1151	1.0	185.2	0.2	10	12.4	>2000	43.3	5	0.01
REP SK11-110	QC																				
Core Reject Duplicates																					
MK11-90	Rock	1.12	1.1	11.9	15.3	54	0.9	5.7	7.4	315	2.41	261.9	0.3	2.5	1.5	30	0.2	18.2	<0.1	16	0.08
DUP MK11-90	QC		1.0	12.3	14.5	52	0.8	5.4	7.2	311	2.39	257.1	0.3	2.0	1.5	29	0.1	18.0	<0.1	16	0.08
Reference Materials																					
STD DS8	Standard		11.7	117.2	129.9	315	1.8	38.6	7.4	597	2.36	27.1	2.5	106.0	6.1	65	2.2	8.5	6.5	39	0.64
STD DS8	Standard		13.1	105.8	131.6	317	1.8	36.8	7.6	639	2.40	25.8	2.6	115.5	6.5	71	2.4	6.0	6.9	40	0.66
STD DS8	Standard		11.0	111.1	124.4	327	1.9	39.1	7.5	601	2.47	27.1	2.6	107.2	6.3	66	2.4	4.9	7.0	39	0.64
STD DS8	Standard		11.5	107.7	125.3	319	1.8	39.8	7.7	608	2.47	26.7	2.6	108.5	6.2	67	2.2	5.3	7.2	40	0.65
STD GC-7	Standard																				
STD R4A	Standard																				
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 GC-7 Expected																					
STD R4A Expected																					
BLK	Blank		<0.1	7.9	1.6	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	2.5	<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
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	0.1	1.6	3.7	51	<0.1	3.2	3.8	555	1.83	<0.5	1.4	<0.5	4.9	56	<0.1	<0.1	<0.1	33	0.43
G1	Prep Blank	<0.01	0.1	1.5	4.1	46	<0.1	3.3	4.2	549	1.82	<0.5	1.6	1.3	5.2	59	<0.1	<0.1	<0.1	33	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: COPLEY REGIONAL
 Report Date: July 14, 2011

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QUALITY CONTROL REPORT

VAN11002902.1

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	7AR	
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
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	0.001
Pulp Duplicates																				
SK11-109	Rock	0.035	6	<1	0.03	347	0.001	2	0.51	0.002	0.33	0.3	0.20	1.4	<0.1	0.20	1	2.3	5.9	
REP SK11-109	QC	0.032	6	<1	0.03	364	0.001	1	0.49	0.002	0.33	0.2	0.17	1.2	<0.1	0.19	1	2.7	5.8	
SK11-110	Rock	0.003	1	2	<0.01	24	<0.001	1	0.15	0.003	0.20	<0.1	9.53	0.6	<0.1	3.18	<1	31.3	21.3	2.355
REP SK11-110	QC																			2.241
Core Reject Duplicates																				
MK11-90	Rock	0.044	4	1	0.06	1260	<0.001	3	0.73	<0.001	0.24	0.3	0.14	1.2	0.5	0.07	1	<0.5	<0.2	
DUP MK11-90	QC	0.046	4	1	0.06	1301	<0.001	1	0.71	<0.001	0.25	0.3	0.13	1.3	0.4	0.06	1	<0.5	<0.2	
Reference Materials																				
STD DS8	Standard	0.079	12	112	0.59	260	0.099	2	0.93	0.103	0.43	2.9	0.19	1.8	5.1	0.15	5	5.8	4.8	
STD DS8	Standard	0.078	13	119	0.60	279	0.109	3	0.92	0.098	0.44	3.0	0.21	2.0	5.2	0.16	5	5.4	5.4	
STD DS8	Standard	0.087	12	115	0.60	263	0.105	3	0.88	0.085	0.42	2.9	0.14	2.0	5.4	0.16	4	5.1	4.8	
STD DS8	Standard	0.086	12	116	0.60	261	0.106	3	0.90	0.085	0.42	2.7	0.16	2.1	5.3	0.16	5	4.4	5.2	
STD GC-7	Standard																			0.560
STD R4A	Standard																			0.518
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 GC-7 Expected																				0.555
STD R4A Expected																				0.502
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	
BLK	Blank																			<0.001
Prep Wash																				
G1	Prep Blank	0.078	7	7	0.56	204	0.108	<1	0.94	0.070	0.49	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.077	7	6	0.54	199	0.105	<1	0.97	0.088	0.49	<0.1	<0.01	1.8	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: June 29, 2011
Report Date: July 12, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN11002903.1

CLIENT JOB INFORMATION

Project: COPLEY REGIONAL
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 and analysis 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. ** 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: COPLEY REGIONAL
 Report Date: July 12, 2011

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CERTIFICATE OF ANALYSIS

VAN11002903.1

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	
SK11-119	Rock	0.54	15.1	1146	26.2	63	38.8	1.3	0.8	65	2.67	5.9	0.6	26.4	2.0	16	<0.1	18.9	1.2	4	0.02
SK11-120	Rock	0.62	1.4	124.4	5.7	27	1.5	1.4	1.0	229	0.91	15.5	0.8	12.3	1.9	9	<0.1	3.0	0.1	5	0.03
SK11-121	Rock	0.61	0.5	4.3	5.5	16	0.2	1.0	0.8	60	0.54	1.8	0.5	1.9	1.0	11	<0.1	1.2	<0.1	3	0.05
SK11-122	Rock	0.36	36.8	19.3	38.3	29	1.6	0.9	1.7	78	0.81	5.9	2.5	19.1	4.2	28	<0.1	2.0	0.2	2	0.03
SK11-123	Rock	0.50	45.0	62.0	65.0	43	2.7	1.6	2.6	137	1.34	10.5	4.7	62.0	5.8	14	<0.1	5.0	0.6	3	0.04
SK11-124	Rock	0.75	0.7	1.8	11.3	40	0.2	1.1	0.6	76	0.74	1.7	1.1	6.2	3.3	18	<0.1	0.4	<0.1	2	0.04
SK11-125	Rock	0.48	0.7	21.6	4.4	25	0.2	1.7	6.2	461	1.36	1.6	0.4	5.1	2.1	8	<0.1	0.4	1.6	3	0.03
SK11-126	Rock	0.62	8.4	137.3	8.5	18	0.5	2.0	2.7	93	1.34	3.3	1.5	21.7	3.3	12	<0.1	1.0	6.2	5	0.02
SK11-127	Rock	0.80	28.0	11.4	63.2	10	2.3	2.0	2.5	32	1.58	237.3	1.7	37.8	1.8	11	<0.1	13.4	0.8	8	<0.01
SK11-128	Rock	0.84	27.4	12.0	79.7	46	1.1	1.5	3.2	38	2.33	134.2	1.0	28.6	1.4	34	0.2	4.3	1.0	4	0.08
SK11-129	Rock	0.54	49.8	12.8	205.7	107	1.4	4.1	8.5	36	2.62	157.6	2.0	30.1	1.8	23	0.8	5.5	1.0	3	0.05
MK11-94	Rock	0.34	1.1	4.2	24.4	68	<0.1	1.4	2.0	483	1.16	2.9	1.7	<0.5	1.8	10	<0.1	1.2	<0.1	11	0.10
MK11-95	Rock	0.38	0.9	5.7	14.0	487	<0.1	29.8	15.5	5491	3.25	6.2	0.6	0.6	1.5	24	<0.1	1.2	<0.1	97	1.06
MK11-96	Rock	0.31	18.4	3.6	13.3	102	<0.1	2.0	3.4	655	1.25	2.3	1.6	0.5	2.8	7	<0.1	1.1	<0.1	6	0.13
MK11-97	Rock	0.44	37.7	2.9	18.2	126	<0.1	3.4	6.0	1520	1.49	4.0	1.1	<0.5	3.2	7	0.2	1.0	<0.1	7	0.12
MK11-98	Rock	1.03	3.1	4.5	6.9	21	0.1	1.1	1.1	57	0.49	2.5	2.0	3.7	4.4	11	<0.1	0.6	<0.1	<2	0.05
MK11-99	Rock	0.41	0.6	1.0	1.6	8	0.1	0.6	0.3	81	0.66	1.8	0.3	60.0	2.4	8	<0.1	0.5	<0.1	4	0.04
MK11-100	Rock	0.38	0.9	0.9	2.1	9	<0.1	1.1	0.9	113	1.15	1.4	0.7	1.6	2.8	10	<0.1	1.5	<0.1	7	0.07
MK11-101	Rock	0.59	0.6	1.7	2.0	4	<0.1	0.6	0.2	37	0.29	1.1	1.1	1.6	2.5	6	<0.1	0.6	<0.1	2	0.04
MK11-102	Rock	0.34	2.7	2.6	7.1	3	<0.1	0.6	0.4	37	0.32	7.8	3.3	1.4	2.6	11	<0.1	0.5	<0.1	<2	0.03
MK11-103	Rock	0.52	0.4	2.3	3.6	9	<0.1	0.8	0.5	87	0.64	6.6	0.3	2.4	2.0	8	<0.1	0.7	<0.1	3	0.03
MK11-104	Rock	0.67	2.0	2.0	8.6	8	0.2	0.8	0.5	58	0.74	42.4	0.4	115.0	2.0	25	<0.1	2.8	<0.1	3	0.03
MK11-105	Rock	0.51	3.9	17.4	14.7	3	0.5	0.7	0.8	26	1.34	3.1	3.3	12.5	4.6	17	<0.1	1.5	0.4	2	0.02
MK11-106	Rock	0.92	3.8	16.7	15.8	4	0.6	1.4	2.9	28	1.55	9.3	2.1	17.4	3.4	9	<0.1	1.3	0.4	3	<0.01
MK11-107	Rock	1.02	25.4	25.6	44.6	4	0.9	2.4	3.0	23	1.63	627.8	3.6	58.4	2.0	7	0.1	5.2	0.2	2	<0.01
MK11-108	Rock	0.45	65.5	465.3	10.5	102	0.4	5.4	45.7	526	11.66	7.5	0.3	12.6	0.4	14	<0.1	15.2	4.5	36	0.05
MK11-109	Rock	0.65	49.3	299.2	8.2	111	0.5	6.4	35.8	585	11.57	5.2	0.3	7.2	0.5	13	<0.1	6.5	3.2	37	0.06
MK11-110	Rock	0.53	9.8	187.9	8.1	130	0.4	7.9	25.9	4330	3.64	4.6	0.3	3.1	0.6	113	<0.1	5.1	0.7	92	10.77
MK11-111	Rock	0.43	0.6	34.2	11.5	195	0.2	8.5	23.8	3568	4.60	3.9	0.3	0.9	0.4	94	<0.1	2.9	<0.1	136	8.73
MCF11-21	Rock	0.46	0.5	2.6	3.7	28	<0.1	0.9	0.4	>10000	1.60	0.9	2.3	<0.5	4.8	19	0.1	0.3	<0.1	2	0.11

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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: COPLEY REGIONAL
 Report Date: July 12, 2011

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CERTIFICATE OF ANALYSIS

VAN11002903.1

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	0.01	0.05	1	0.5	0.2	
SK11-119	Rock	0.033	5	1	0.01	976	0.001	1	0.40	0.004	0.33	0.4	0.01	0.3	<0.1	0.13	<1	0.7	<0.2
SK11-120	Rock	0.021	4	1	0.01	352	0.001	2	0.46	0.004	0.29	0.3	0.04	0.4	<0.1	<0.05	<1	<0.5	<0.2
SK11-121	Rock	0.013	23	1	0.05	374	0.001	5	0.54	0.007	0.39	0.3	0.05	0.5	0.1	<0.05	2	<0.5	<0.2
SK11-122	Rock	0.016	42	<1	0.03	994	<0.001	3	0.44	<0.001	0.30	<0.1	0.02	0.3	<0.1	<0.05	<1	<0.5	<0.2
SK11-123	Rock	0.022	112	1	0.03	1407	<0.001	3	0.42	<0.001	0.26	0.1	0.11	0.4	<0.1	<0.05	1	<0.5	<0.2
SK11-124	Rock	0.016	8	<1	0.04	401	<0.001	4	0.56	0.002	0.40	<0.1	0.04	0.4	0.1	<0.05	1	<0.5	<0.2
SK11-125	Rock	0.018	55	1	0.16	183	0.002	2	0.51	0.035	0.22	0.2	<0.01	0.6	<0.1	0.05	2	<0.5	<0.2
SK11-126	Rock	0.022	15	1	0.04	398	<0.001	1	0.48	0.004	0.35	<0.1	0.02	0.6	0.1	0.09	1	1.4	0.5
SK11-127	Rock	0.009	10	12	0.02	92	0.002	3	0.32	0.003	0.30	6.8	0.18	0.5	0.9	0.57	<1	1.0	0.3
SK11-128	Rock	0.012	14	2	0.02	123	0.001	3	0.34	0.008	0.38	0.1	0.08	0.3	0.5	0.92	1	2.0	0.3
SK11-129	Rock	0.014	20	2	0.02	65	0.002	1	0.30	0.006	0.34	0.1	0.10	0.3	0.8	1.77	<1	1.6	0.6
MK11-94	Rock	0.044	16	2	0.04	100	0.008	1	0.44	0.065	0.31	0.2	<0.01	1.3	<0.1	<0.05	1	<0.5	<0.2
MK11-95	Rock	0.076	11	42	1.46	317	0.037	3	1.44	0.058	0.20	0.1	<0.01	8.0	<0.1	<0.05	7	<0.5	<0.2
MK11-96	Rock	0.049	15	1	0.03	104	<0.001	<1	0.60	0.005	0.44	<0.1	<0.01	1.0	0.1	<0.05	1	<0.5	<0.2
MK11-97	Rock	0.043	18	2	0.04	187	<0.001	2	0.68	0.005	0.46	<0.1	0.02	1.1	0.2	<0.05	1	<0.5	<0.2
MK11-98	Rock	0.017	13	<1	0.05	583	<0.001	2	0.58	0.001	0.40	<0.1	0.03	0.4	0.1	<0.05	1	<0.5	<0.2
MK11-99	Rock	0.008	17	2	0.02	270	0.002	3	0.47	0.004	0.41	0.3	0.01	0.3	0.1	<0.05	1	<0.5	<0.2
MK11-100	Rock	0.023	25	2	0.03	1426	0.009	2	0.44	0.003	0.32	2.4	0.02	0.6	<0.1	<0.05	1	<0.5	<0.2
MK11-101	Rock	0.014	14	2	0.01	744	<0.001	2	0.46	0.003	0.35	0.2	0.03	0.3	<0.1	<0.05	1	<0.5	<0.2
MK11-102	Rock	0.015	11	1	0.01	1082	<0.001	3	0.39	0.002	0.28	0.1	0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
MK11-103	Rock	0.028	13	2	0.02	89	0.002	4	0.49	0.003	0.41	0.3	<0.01	0.5	<0.1	<0.05	1	<0.5	<0.2
MK11-104	Rock	0.029	18	2	0.02	2561	<0.001	3	0.50	0.002	0.42	0.2	<0.01	0.4	0.1	0.07	1	<0.5	<0.2
MK11-105	Rock	0.011	19	<1	0.02	475	0.001	3	0.53	0.003	0.46	0.1	0.02	0.5	0.1	0.37	1	<0.5	0.5
MK11-106	Rock	0.010	13	<1	0.02	138	0.001	2	0.59	0.003	0.47	0.1	0.03	0.5	0.1	0.95	1	0.7	0.7
MK11-107	Rock	0.007	4	1	0.02	103	0.002	3	0.47	0.003	0.42	0.1	0.14	0.4	1.3	0.98	1	1.2	0.5
MK11-108	Rock	0.044	11	2	0.14	2135	0.010	<1	1.39	<0.001	0.11	25.2	0.09	2.1	<0.1	<0.05	5	<0.5	0.5
MK11-109	Rock	0.032	8	2	0.17	1570	0.016	<1	1.61	0.002	0.11	11.2	0.04	2.0	<0.1	<0.05	5	<0.5	0.5
MK11-110	Rock	0.070	10	4	0.95	574	0.004	1	2.22	0.042	0.30	<0.1	0.01	9.1	<0.1	<0.05	4	1.0	0.3
MK11-111	Rock	0.033	8	4	1.31	421	0.014	1	2.15	0.010	0.15	0.2	<0.01	5.9	<0.1	<0.05	6	<0.5	<0.2
MCF11-21	Rock	0.027	18	<1	0.06	347	<0.001	3	0.64	0.002	0.43	<0.1	<0.01	0.6	0.1	<0.05	2	<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: COPLEY REGIONAL
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CERTIFICATE OF ANALYSIS

VAN11002903.1

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	
MCF11-22	Rock	0.87	2.2	2.6	5.4	5	<0.1	0.7	0.3	52	0.35	3.8	3.5	1.8	2.5	32	<0.1	0.7	<0.1	2	0.05
MCF11-23	Rock	0.64	4.0	3.3	6.2	3	0.1	0.7	0.3	44	0.32	4.2	2.5	2.8	3.0	6	<0.1	1.4	<0.1	<2	0.03
MCF11-24	Rock	1.24	35.1	5.5	48.4	14	0.5	1.1	0.9	33	0.45	67.2	1.0	10.0	1.7	17	<0.1	2.8	0.2	2	0.01
MCF11-25	Rock	0.42	0.7	1.1	3.8	27	<0.1	0.8	0.9	520	1.32	0.6	0.5	2.1	3.4	5	0.1	0.5	<0.1	5	0.05
MCF11-26	Rock	0.67	0.8	4.1	4.8	4	<0.1	0.7	0.4	45	0.38	3.2	4.7	<0.5	3.3	4	<0.1	0.8	<0.1	<2	0.04
MCF11-27	Rock	0.43	29.3	63.0	73.0	12	1.2	6.9	12.2	31	1.92	430.4	3.1	41.6	1.9	7	0.2	5.5	0.8	3	<0.01
MCF11-28	Rock	0.59	41.1	47.7	79.3	26	1.2	8.1	9.7	32	1.71	400.9	2.9	30.0	1.8	7	0.3	8.8	0.5	4	0.01



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

VAN11002903.1

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	
MCF11-22	Rock	0.017	14	2	0.01	3097	<0.001	3	0.46	0.003	0.34	0.2	0.01	0.4	<0.1	0.06	1	<0.5	<0.2
MCF11-23	Rock	0.014	13	1	0.01	197	<0.001	2	0.45	0.003	0.33	0.1	0.03	0.4	<0.1	<0.05	<1	<0.5	<0.2
MCF11-24	Rock	0.006	15	1	0.01	1899	<0.001	1	0.39	0.002	0.29	<0.1	0.05	0.3	0.3	0.08	<1	<0.5	<0.2
MCF11-25	Rock	0.021	28	1	0.02	157	0.008	<1	0.40	0.015	0.32	0.5	<0.01	0.7	<0.1	<0.05	1	<0.5	<0.2
MCF11-26	Rock	0.020	25	1	0.01	81	<0.001	<1	0.40	0.002	0.35	0.2	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
MCF11-27	Rock	0.009	7	3	0.02	85	0.001	<1	0.34	0.002	0.27	0.6	0.09	0.4	1.0	1.47	1	1.5	0.4
MCF11-28	Rock	0.011	13	5	0.01	80	0.001	<1	0.33	0.001	0.24	2.0	0.08	0.3	1.0	1.20	<1	0.8	<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

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QUALITY CONTROL REPORT

VAN11002903.1

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																					
MK11-98	Rock	1.03	3.1	4.5	6.9	21	0.1	1.1	1.1	57	0.49	2.5	2.0	3.7	4.4	11	<0.1	0.6	<0.1	<2	0.05
REP MK11-98	QC		3.0	3.9	6.8	19	0.1	0.9	1.1	56	0.49	2.3	2.0	5.8	4.4	10	<0.1	0.6	<0.1	<2	0.04
MCF11-28	Rock	0.59	41.1	47.7	79.3	26	1.2	8.1	9.7	32	1.71	400.9	2.9	30.0	1.8	7	0.3	8.8	0.5	4	0.01
REP MCF11-28	QC		39.4	49.4	80.2	26	1.2	8.2	9.7	31	1.67	390.1	2.8	32.0	1.7	6	0.2	9.0	0.5	4	0.01
Core Reject Duplicates																					
SK11-129	Rock	0.54	49.8	12.8	205.7	107	1.4	4.1	8.5	36	2.62	157.6	2.0	30.1	1.8	23	0.8	5.5	1.0	3	0.05
DUP SK11-129	QC		50.7	13.0	213.3	102	1.5	4.0	8.5	39	2.65	157.0	2.1	29.9	1.9	23	0.7	5.4	1.1	4	0.05
Reference Materials																					
STD DS8	Standard		14.1	113.2	127.9	320	1.8	39.9	7.7	624	2.53	26.4	2.8	131.9	6.9	66	2.5	5.1	6.4	41	0.74
STD DS8	Standard		14.6	119.0	128.2	329	1.9	42.3	8.0	662	2.60	27.8	2.9	122.7	7.2	70	2.5	5.5	6.7	44	0.78
STD DS8	Standard		13.6	113.4	122.1	320	1.8	39.9	7.7	618	2.52	25.4	2.6	109.1	6.6	65	2.3	5.1	6.4	42	0.76
STD DS8	Standard		13.5	109.5	116.8	308	1.7	37.7	7.5	613	2.46	24.8	2.6	102.3	6.6	65	2.2	4.8	6.2	42	0.76
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	2.1	3.1	47	<0.1	3.6	4.2	581	2.01	<0.5	1.7	1.4	5.5	68	<0.1	<0.1	<0.1	35	0.56
G1	Prep Blank	<0.01	0.2	2.7	3.2	50	<0.1	3.9	4.7	614	2.09	0.6	1.6	<0.5	4.9	72	<0.1	<0.1	<0.1	37	0.58



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: COPLEY REGIONAL
 Report Date: July 12, 2011

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QUALITY CONTROL REPORT

VAN11002903.1

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																				
MK11-98	Rock	0.017	13	<1	0.05	583	<0.001	2	0.58	0.001	0.40	<0.1	0.03	0.4	0.1	<0.05	1	<0.5	<0.2	
REP MK11-98	QC	0.017	13	<1	0.05	576	<0.001	3	0.57	0.001	0.39	<0.1	0.03	0.3	0.1	<0.05	<1	<0.5	<0.2	
MCF11-28	Rock	0.011	13	5	0.01	80	0.001	<1	0.33	0.001	0.24	2.0	0.08	0.3	1.0	1.20	<1	0.8	<0.2	
REP MCF11-28	QC	0.010	13	5	0.01	87	0.001	<1	0.32	0.001	0.23	2.0	0.08	0.3	0.9	1.15	<1	0.7	0.3	
Core Reject Duplicates																				
SK11-129	Rock	0.014	20	2	0.02	65	0.002	1	0.30	0.006	0.34	0.1	0.10	0.3	0.8	1.77	<1	1.6	0.6	
DUP SK11-129	QC	0.014	21	2	0.02	66	0.002	2	0.35	0.006	0.37	0.1	0.09	0.3	0.8	1.79	1	2.0	0.6	
Reference Materials																				
STD DS8	Standard	0.079	15	124	0.62	281	0.118	4	0.99	0.112	0.41	3.0	0.21	2.1	5.3	0.15	5	5.3	5.1	
STD DS8	Standard	0.079	17	128	0.64	294	0.126	3	1.07	0.122	0.44	3.2	0.21	2.3	5.7	0.15	5	5.1	5.2	
STD DS8	Standard	0.075	15	125	0.62	267	0.117	<1	1.01	0.115	0.41	2.7	0.21	2.3	5.3	0.16	5	5.7	4.7	
STD DS8	Standard	0.075	16	120	0.61	268	0.117	<1	1.02	0.116	0.42	2.7	0.21	2.2	5.3	0.15	5	5.4	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	
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	0.074	11	7	0.55	212	0.109	<1	1.22	0.157	0.51	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.073	9	7	0.59	225	0.126	2	1.33	0.178	0.55	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2	