

**STREAM SEDIMENT SURVEY AND
ROCK SAMPLING REPORT**

ON THE

KNEWSTUBB PROPERTY,

NETCHAKO PLATEAU, BC

**BC Geological Survey
Assessment Report
32289**

Tenure Numbers: 764342, 764362, 764382, 764402, 764422, 764442, 764462, 764482, 764502
764522, 764542, 764562, 764582, 764602, 764622, 764642, 764662, 764682
764702, 764722, 764742, 764762, 764782

Assessment Filing Event #: 4853952

NORTHEAST/CENTRAL REGION, BC

MAPSHEETS: 093F07, 093F10

**COORDINATES: UTM 5928000 N and 387400 E
LAT/LONG 53.502 N 124.785 W**

for

KINROSS GOLD CORPORATION (*claim owner and operator*)
Kinross Gold USA, Inc.
5370 Kietzke Lane, Suite 102
Reno, Nevada 89511

By

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May 15, 2011

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SUMMARY

- The author of this report was contracted by Kinross Gold Corporation to summarize work conducted during the 2010 field season on the Knewstubb Property, located approximately 150 kilometres southwest of Prince George, BC. The claims cover an area of 107.5 square kilometres.
- The area has undergone very limited exploration, mainly in an effort to locate mineralization similar to the molybdenite discovered at the Chu property located to the south.
- The area contains minimal bedrock exposures. Normal faulting with northeast, north and north-northwest trends have been mapped.
- In 2010, a program of silt sampling along selected streams was completed within and adjacent to the claims. A total of 274 samples were collected at 100 metre intervals along selected drainages. Of those, 137 silt samples were analyzed. Samples of bedrock exposures were taken at several sites, with a total of 8 rock samples being obtained and shipped for analysis.
- The results of stream sediment sampling indicate that the southwest portion of the claims contains elevated levels for several elements, including arsenic, copper, silver, gold, and molybdenum.
- Rock sampling returned up to 0.015 ppm gold and 1.3 ppm silver.
- The streams that returned elevated silt sample values may be considered within an area of interest where streams drain a height of land trending through the claim block from northwest to southeast. Further work in the area of interest, especially the headwaters of these streams, is recommended. Work should include geophysical surveys, combined with soil sampling utilizing techniques that might provide results through the thick glacial overburden encountered in this area.

1.0) INTRODUCTION

The author of this report was contracted by Kinross Gold Corporation to compile data and complete documents for the purpose of assessment reporting on the Knewstubb Property, Nechako Plateau area, British Columbia. The program consisted of property scale stream sediment sampling and selected rock sampling. The work was conducted during the 2010 field season. The program was designed to follow-up BC Geological Survey till sampling, the results of which indicated elevated levels for copper, lead, zinc and other elements, in the general area of the claims.

2.0) PROPERTY DESCRIPTION AND LOCATION

The property is located in central British Columbia centred at approximate UTM coordinates of 592800 N and 387400 E (see Figure 1). The claims are covered by UTM map-sheets 092F07 and 092F10 within the Northeast/Central Mining Division. The claims are located approximately 150 kilometres southwest of Prince George, and 70 kilometres south of Vanderhoof, BC. The Knewstubb Property covers an area of approximately 107.5 square kilometres, directly east of the Nataalkuz Lake-Knewstubb Lake system, within the Interior Plateau of BC.

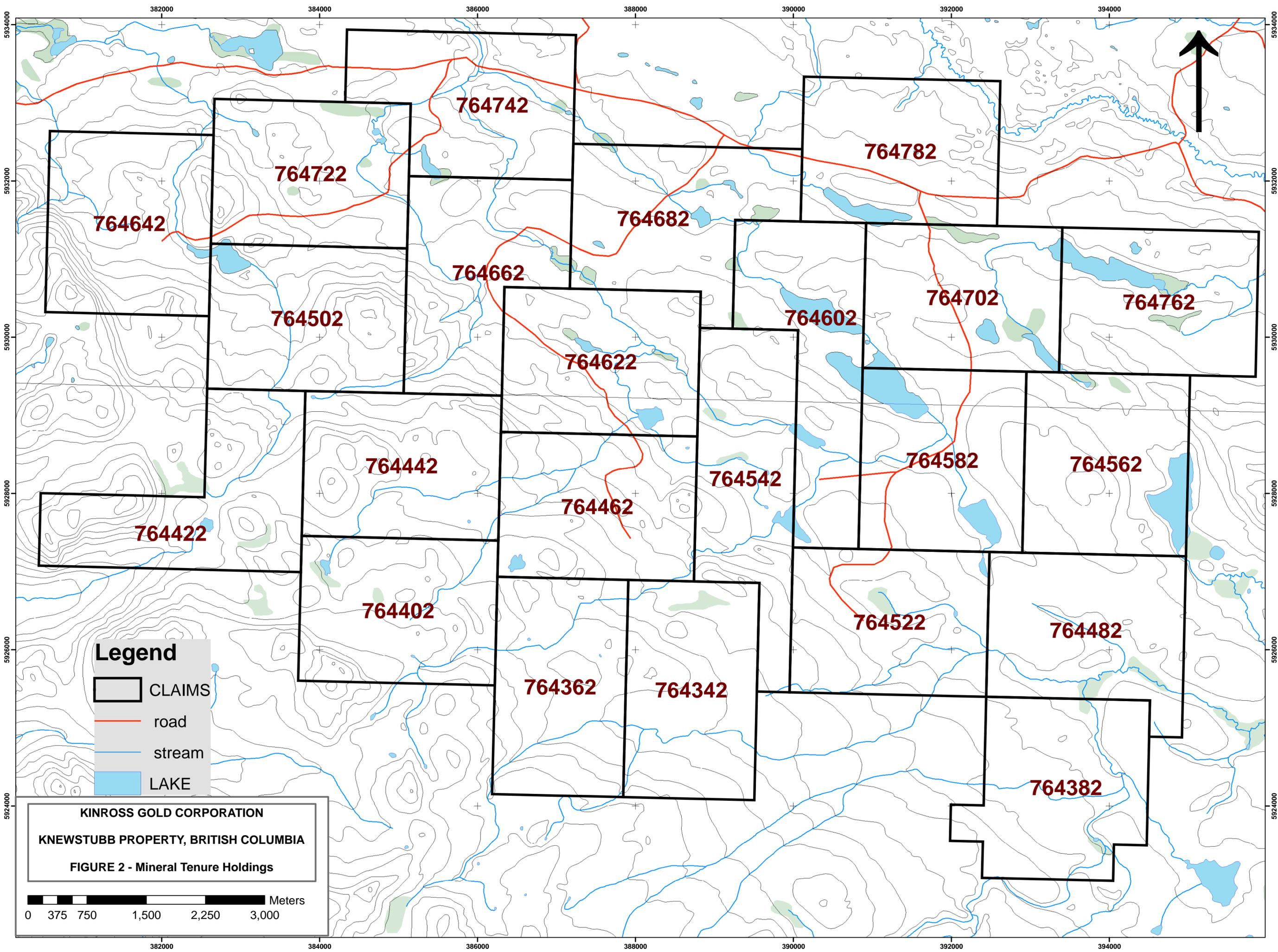
The property consists of a block of 23 mineral claims (see Table 1) totalling 10753.07 hectares (see Figure 2).

**Table 1
MINERAL CLAIMS**

Tenure Number	Date Issued	Claim Name	Good To Date (YrMoD)	Size (ha)
764342	20100501	QWHIT1	20130501	461.99730
764362	20100501	LATOYA	20130501	461.99550
764382	20100501	ZYGUL	20130501	481.37680
764402	20100501	WHAT--OMG!	20130501	461.90860
764422	20100501	L-7	20130501	481.00780
764442	20100501	CADMIUM	20130501	461.73090
764462	20100501	OHSAYCANYOUSEE	20130501	461.77280
764482	20100501	CSI	20130501	481.17550
764502	20100501	BIG NEZO	20130501	461.53930
764522	20100501	TONOPAH NORTH	20130501	461.92280
764542	20100501	7-UP	20130501	461.74290
764562	20100501	TV15	20130501	480.96000
764582	20100501	DOUGH-BRAIN	20130501	480.95800
764602	20100501	MB-RIP	20130501	461.59750
764622	20100501	QX-NW	20130501	461.59330
764642	20100501	TAB	20130501	480.64430
764662	20100501	UNLEVENED	20130501	461.48620
764682	20100501	OZ	20130501	480.63950
764702	20100501	NATIE N KATIE	20130501	461.51730
764722	20100501	KATIE RIDES TO THE SEA!	20130501	461.35980
764742	20100501	DUMB	20130501	461.27080
764762	20100501	CO2	20120501	461.52430
764782	20100501	QJKB	20120501	461.34430



Figure 1 – PROPERTY LOCATION



Legend

- CLAIMS
- road
- stream
- LAKE

KINROSS GOLD CORPORATION
KNEWSTUBB PROPERTY, BRITISH COLUMBIA
FIGURE 2 - Mineral Tenure Holdings

0 375 750 1,500 2,250 3,000 Meters

The claims were staked in May of 2010 by Charles James Greig, and subsequently sold to Kinross Gold Corporation on July 8, 2010. The sales agreement contains the provision that if a deposit is discovered and developed, Greig and Associates retain a 0.5% NSR on gold and silver production, capped at 1 million dollars Canadian.

3.0) Location and Access

The Property is located in central British Columbia, approximately 75 km southwest of the town of Vanderhoof. The property lies within the traditional territories of several First Nations. The property is accessed via the Kluskus-Ootsa Forest Service Road (FSR) that originates at Engen, 20 kilometres west of Vanderhoof. The Kenny Lake dam road originates in downtown Vanderhoof and intersects the Kluskus-Ootsa road at km 18.5 and is an alternate access. At approximately kilometre 78 south of Vanderhoof, the Kluskus FSR junctions with the Big Bend FSR. The property is accessed by a network of logging roads that spur off of the Big Bend FSR approximately 2 kilometres west of the Kluskus FSR junction.

4.0) HISTORY

The area has seen little exploration and has had only partial coverage from past programs, mainly in an effort to locate mineralization similar to the molybdenite discovered at the Chu property, located to the south, which was discovered by applied reconnaissance geochemical sampling techniques.

Asarco and Rio Tinto Canadian Exploration personnel conducted stream sediment, soil and rock sampling programs over much of the Nechako Plateau during 1969 (Hoffman and Fletcher). Rio Tinto geochemists discovered anomalous molybdenum values in lake bottom and water samples from a small lake located near the base of the Chu ridge and Asarco prospectors found weakly developed iron sulphide mineralization in "float" rock higher on the slope. They subsequently found molybdenite in bedrock that was exposed in their shallow hand-dug trenches. Both companies staked claims and conducted more detailed property work that led to core drilling programs on the Chu property.

In the early 1980's some work was completed by several companies seeking molybdenum during high metal prices. These included Lac Minerals, Noranda Exploration and Chevron Standard Limited. Chevron established a grid on their property and soil sampled at 25 meter sample spacing along 100 meter spaced lines. This work outlined Pb, Zn, Mo and to a lesser extent Ag and Cu anomalies associated with coarse volcano-sedimentary units. One diamond drill hole, 126.5 metres in length, was completed to test a geophysical anomaly. The hole intersected interbedded clastic sediments comprising shale, siltstone, sandstone and breccia cut by two major faults. Disseminated pyrite and pyrrhotite in fractures were logged. The results did not warrant follow-up drilling.

The BC Geological survey has conducted several till sampling programs over this area of the Interior Plateau. The results of this sampling, as presented on the Map Place website, indicate elevated levels for copper, lead, zinc and other elements, in the general area of the claims.

5.0) GEOLOGICAL SETTING

The BC Geological Survey Open File Map 1993-14 presents the geology of the Nataalkuz Lake area (93F/6) in north central British Columbia. A 1:50 000 scale geology map including a legend, references, and a list of mineral occurrences is available. The following is a summary description of the geology of the area provided by the Geological Survey Branch of BC website;

“The oldest layered rocks in the area are strata of the Early to Middle Jurassic Hazelton Group. Two mappable units, variegated green and maroon ash and lapilli tuff, and feldspar and augite phyric andesite flows, are described. Minor amounts of epiclastic rocks also occur. Overlying Middle to perhaps Upper Jurassic rocks of the Ashman Formation of the Skeena Group consist of argillite and siltstone, and this unit is overlain by andesite to dacite crystal, lapilli and block tuff. Lower to perhaps Upper Cretaceous rocks include pebble breccia, lithic wacke, siltstone and mudstone of the Skeena Group, andesite block to lapilli tuff, and rhyolite flows and cogenetic sills. Lower to Middle Eocene rocks of the Ootsa Lake Group comprise seven mappable units: coarse feldspar andesite flows; blue grey and pink dacite flows; rhyolite flows with associated tuff and tuffaceous sediments; andesite flows; grey rhyolite flows with up to 25% quartz phenocrysts; and rhyolitic crystal-lapilli tuff. Endako Group basalt is of Upper Eocene to Oligocene age. Miocene to Quaternary Chilcotin Group olivine basalt flows overlie the older rocks.”

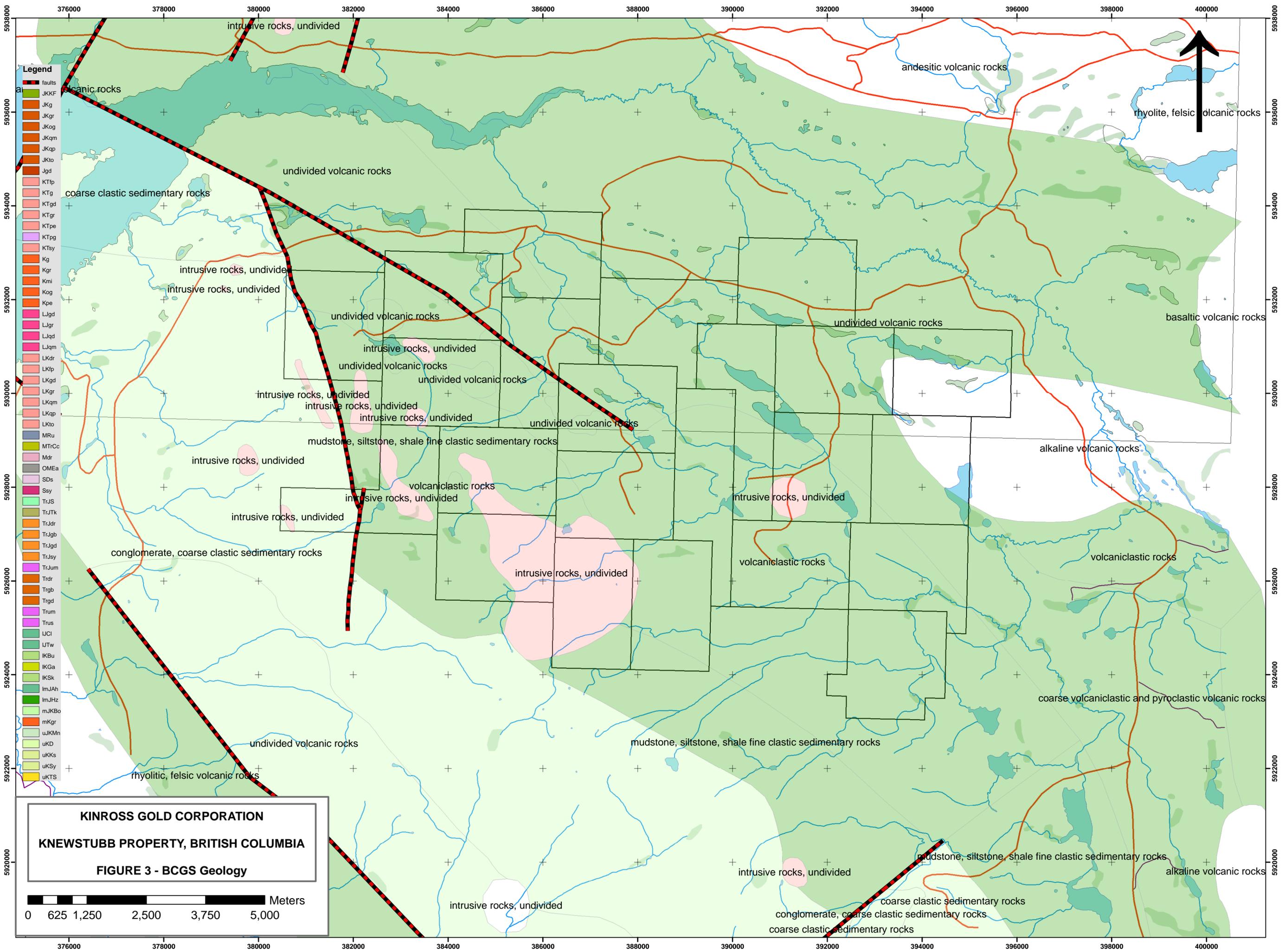
Intrusive rocks include the Late Cretaceous Capoose Lake batholith, which is quartz monzonite to granodiorite, and Tertiary small stocks and dikes of quartz feldspar porphyry, k-feldspar quartz porphyry, and gabbro.

The area contains minimal bedrock exposures, however, normal faulting with northeast, north and north-northwest trends have been mapped.

Much of the Nechako Plateau is mantled with till deposits and lava flows; streams are small and have gentle gradients.

The region includes the Capoose prospect, which is hosted within and adjacent to garnet-bearing rhyolite sills that intrude Hazelton Group volcanic and sedimentary rocks. Mineralization in this porphyry prospect is mainly disseminated but also occurs in veinlets and fracture fillings. Minerals of interest are sphalerite, galena, and chalcopyrite. Reserves have been reported for the Capoose deposit. Other occurrences in the area include vein-controlled and disseminated chalcopyrite and molybdenite within the Capoose Lake batholith.

A regional scale geology map is provided on Figure 3. The claims were staked over a wide expanse of northwest trending rocks mapped as undivided volcanic rocks of the Jurassic Hazelton Group, primarily the Naglico Formation. Endako Group basalt of the Upper Eocene are shown within the northeast corner of the claim block.



volcanic rocks

coarse clastic sedimentary rocks

undivided volcanic rocks

intrusive rocks, undivided

intrusive rocks, undivided

undivided volcanic rocks

intrusive rocks, undivided

undivided volcanic rocks

undivided volcanic rocks

intrusive rocks, undivided

intrusive rocks, undivided

intrusive rocks, undivided

undivided volcanic rocks

mudstone, siltstone, shale fine clastic sedimentary rocks

intrusive rocks, undivided

volcaniclastic rocks

intrusive rocks, undivided

conglomerate, coarse clastic sedimentary rocks

intrusive rocks, undivided

volcaniclastic rocks

alkaline volcanic rocks

volcaniclastic rocks

coarse volcaniclastic and pyroclastic volcanic rocks

rhyolitic, felsic volcanic rocks

undivided volcanic rocks

mudstone, siltstone, shale fine clastic sedimentary rocks

intrusive rocks, undivided

mudstone, siltstone, shale fine clastic sedimentary rocks

conglomerate, coarse clastic sedimentary rocks

coarse clastic sedimentary rocks

alkaline volcanic rocks

andesitic volcanic rocks

rhyolite, felsic volcanic rocks

basaltic volcanic rocks

intrusive rocks, undivided

alkaline volcanic rocks

6.0) EXPLORATION CONDUCTED IN 2010

In 2010 Kinross contracted Charles Greig and Associates to complete a program of silt sampling along selected streams within and adjacent to their claims. A total of 274 samples were collected at 100 metre intervals along selected drainages. Every second sample was submitted for analysis, and the remaining interval samples were retained for additional testing where warranted. A total of 137 silt samples were analyzed from the program.

The Greig and Associates contract crew noted outcrop or subcrop exposures during the silt sampling program. Samples of exposures were taken at several sites, with a total of 8 rock samples being obtained and shipped for analysis.

6.1 Sample Collection

Silt samples were collected from the active stream bed or immediate margins. The sample material was hand sorted to remove coarse material and organics. The sorted samples were placed into Kraft-paper type sample bags marked with the sample number. GPS coordinates were obtained for each sample site.

Rock samples were grab type samples collected from outcrops or drift material during prospecting along and adjacent to the stream channels. Samples were placed into plastic bags marked with the sample number.

All samples were sealed into shipping bags and were couriered directly to ALS Minerals laboratory in Vancouver, BC. Blank samples were also inserted into the sample package, with a total of 8 silt sample blanks inserted at intervals in the sample stream.

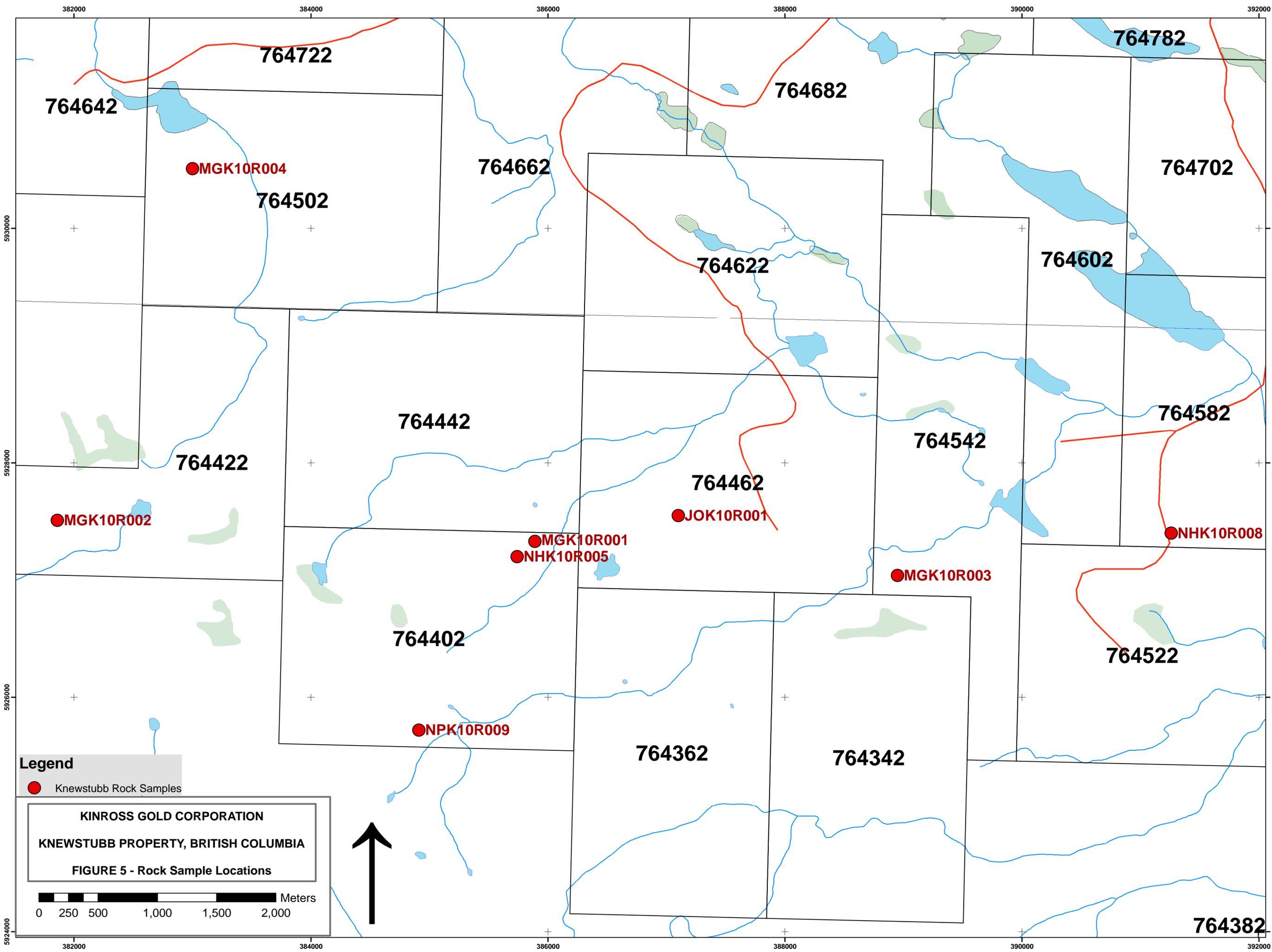
6.2 Sample Processing

Stream sediment samples were processed at ALS Laboratory in Vancouver, BC. At the lab, the samples were dried and screened to -180um. ALS utilized their code ME-ICP41 analysis package which analyzes 35 elements by Aqua Regia digestion and ICP-AES analysis. Also, added to the 35 element ICP, ALS analysed for gold by their Au-AA23 analysis using FA-AA finish.

Rock samples were processed at ALS Laboratory in Vancouver. Samples were crushed to 70 percent passing less than 2 millimetres, with a split being further pulverized to 85 percent less than 75 micron size. The sample material was processed by the lab's code ME-ICP 41 analysis that provides results for 35 elements by ICP-AES analysis. A 30 gram split was analysed for gold by fire assay with AA analysis.

6.3 Silt Sample Results

The locations and results of analysis of silt samples are shown on figures 6 through 12. Results are posted for 6 elements that are considered metals of interest for exploration or indicator elements. Full results of analysis are provided as copies of lab certificates in the appendices of this report.



The highest gold value returned from silt analysis was 215 ppb, from a sample taken near to a stream headwater within the southwest corner of the claims. This area also returned elevated silver and molybdenum values. The 2 streams that were sampled to the north of this stream also returned elevated gold and silver values near to their headwaters.

The highest molybdenum value of 22 ppm was returned from a stream sediment sample located along the west margin of the claim block. This stream drains the opposite side of a height of land; with streams that draining to the west and east. Streams on the east side of the ridge returned elevated gold, silver and molybdenum values from stream sediments, whereas the west side returned elevated molybdenum, manganese and iron.

6.4 Rock Sample Results

Rock sample locations are shown on figure 5. Full results of analysis are provided as copies of lab certificates in the appendices of this report. Table 2 provides sample description and results of analysis for selected elements of interest.

A highest gold value of 0.015 ppm was returned from an rock sample (MGK10R003) taken along a drainage within the southeast portion of the claims. All other values were less than detection. Sample MGK10R003 is described as altered hornfelsed dark grey green rusty with limonitic fractures and vuggy cavities. The highest silver value was of 1.3 ppm was returned from a sample (NPK10R009) taken near to the headwaters of a drainage within the southwest portion of the claims, described as iron carbonate altered diorite with minor malachite and azurite. This sample also returned 1195 ppm copper. All other rock samples returned values that are not considered significant.

Table 2
Rock Sample Information

Sample #	Sample Description (as per samplers field notes)	UTM E	UTM N	Au ppm	Ag ppm	Mo ppm
MGK10R001	FeCarb altd phyll sed? cut by numerous fine qz-ca vlt, orng ox on sfcs, no sulf	385890	5927330	<0.005	0.3	2
MGK10R002	FeCarb altd intr cut by 3mm qz vlt w lim & FeCarb	381860	5927510	<0.005	0.3	1
MGK10R003	Hornfelsed intr? dk gy-gr, grainy, V rusty, lim on fracs, sm vuggy lim cavities	388950	5927040	0.015	0.2	10
MGK10R004	Hornfelsed fg sed? Lt to dk gy, sev % f vlt pyrh, minor vuggy lim cavities	383000	5930510	<0.005	<0.2	4
NHK10R005	Qz vn, 4x4x8cm, white w irreg drusy cavs, orng & rusty-br lim, poss Di host rx	385740	5927200	<0.005	<0.2	<1
NHK10R008	Intr, med grain, Di? hard, poss silic, lim on fracs	391260	5927400	<0.005	0.2	1
NPK10R009	FeCarb altd micro-Di? str frac w orng FeCarb on sfcs, minor mal, az	384910	5925720	<0.005	1.3	1
JOK10R001	Monz? weak propy altn w minor py & lim on frac sfcs	387100	5927550	<0.005	0.3	<1

382,000 mE

386,000 mE

390,000 mE

394,000 mE

398,000 mE

5,932,000 mN

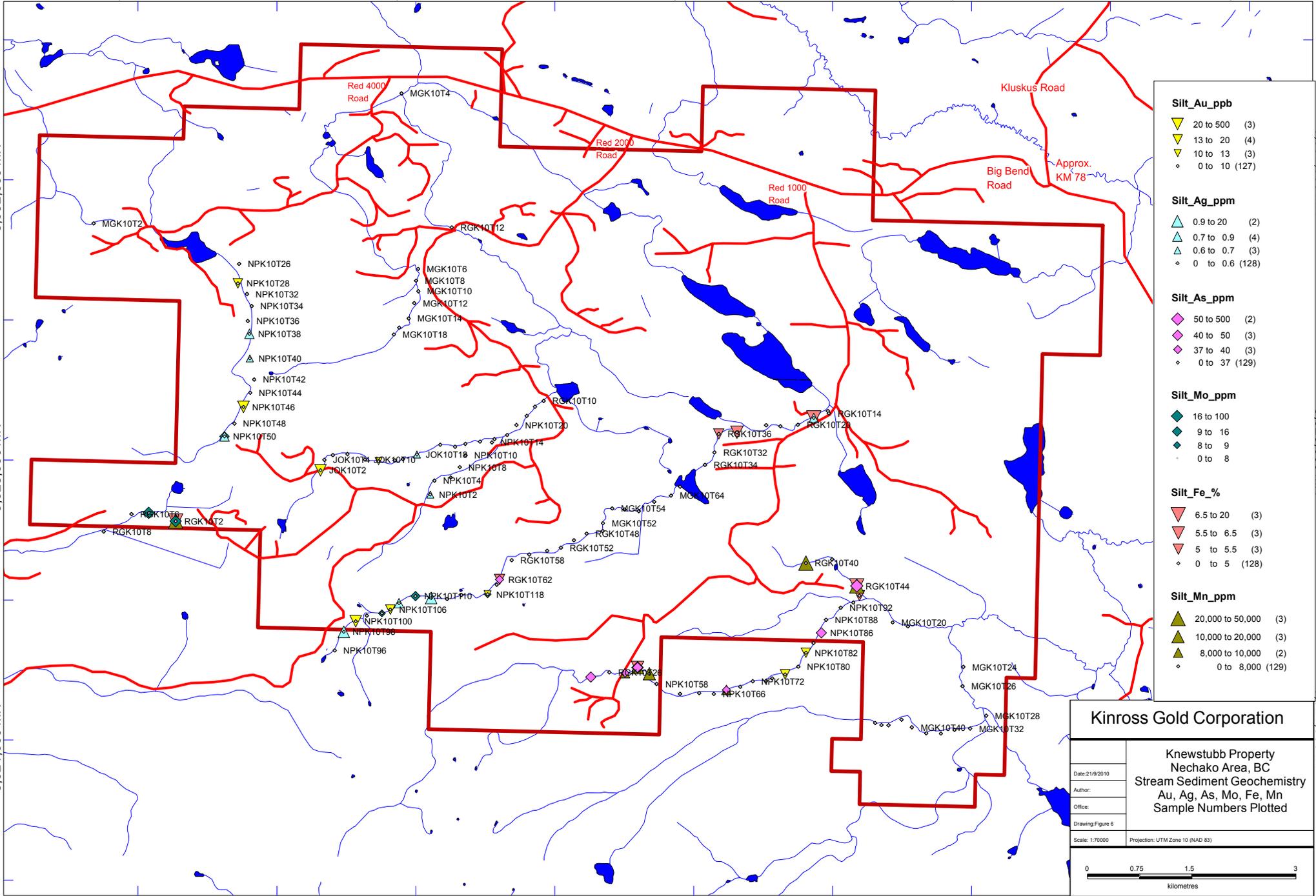
5,928,000 mN

5,924,000 mN

5,932,000 mN

5,928,000 mN

5,924,000 mN



Silt_Au_ppb

- ▼ 20 to 500 (3)
- ▼ 13 to 20 (4)
- ▼ 10 to 13 (3)
- ◊ 0 to 10 (127)

Silt_Ag_ppm

- ▲ 0.9 to 20 (2)
- ▲ 0.7 to 0.9 (4)
- ▲ 0.6 to 0.7 (3)
- ◊ 0 to 0.6 (128)

Silt_As_ppm

- ◆ 50 to 500 (2)
- ◆ 40 to 50 (3)
- ◆ 37 to 40 (3)
- ◊ 0 to 37 (129)

Silt_Mo_ppm

- ◆ 16 to 100
- ◆ 9 to 16
- ◆ 8 to 9
- ◊ 0 to 8

Silt_Fe_%

- ▼ 6.5 to 20 (3)
- ▼ 5.5 to 6.5 (3)
- ▼ 5 to 5.5 (3)
- ◊ 0 to 5 (128)

Silt_Mn_ppm

- ▲ 20,000 to 50,000 (3)
- ▲ 10,000 to 20,000 (3)
- ▲ 8,000 to 10,000 (2)
- ◊ 0 to 8,000 (129)

Kinross Gold Corporation

Knewstubb Property
Nechako Area, BC
Stream Sediment Geochemistry
Au, Ag, As, Mo, Fe, Mn
Sample Numbers Plotted

Date: 2/19/2010
Author:
Office:
Drawing: Figure 6
Scale: 1:70000 Projection: UTM Zone 10 (NAD 83)

0 0.75 1.5 3
kilometres

382,000 mE

386,000 mE

390,000 mE

394,000 mE

398,000 mE

382,000 mE

386,000 mE

390,000 mE

394,000 mE

398,000 mE

5,932,000 mN

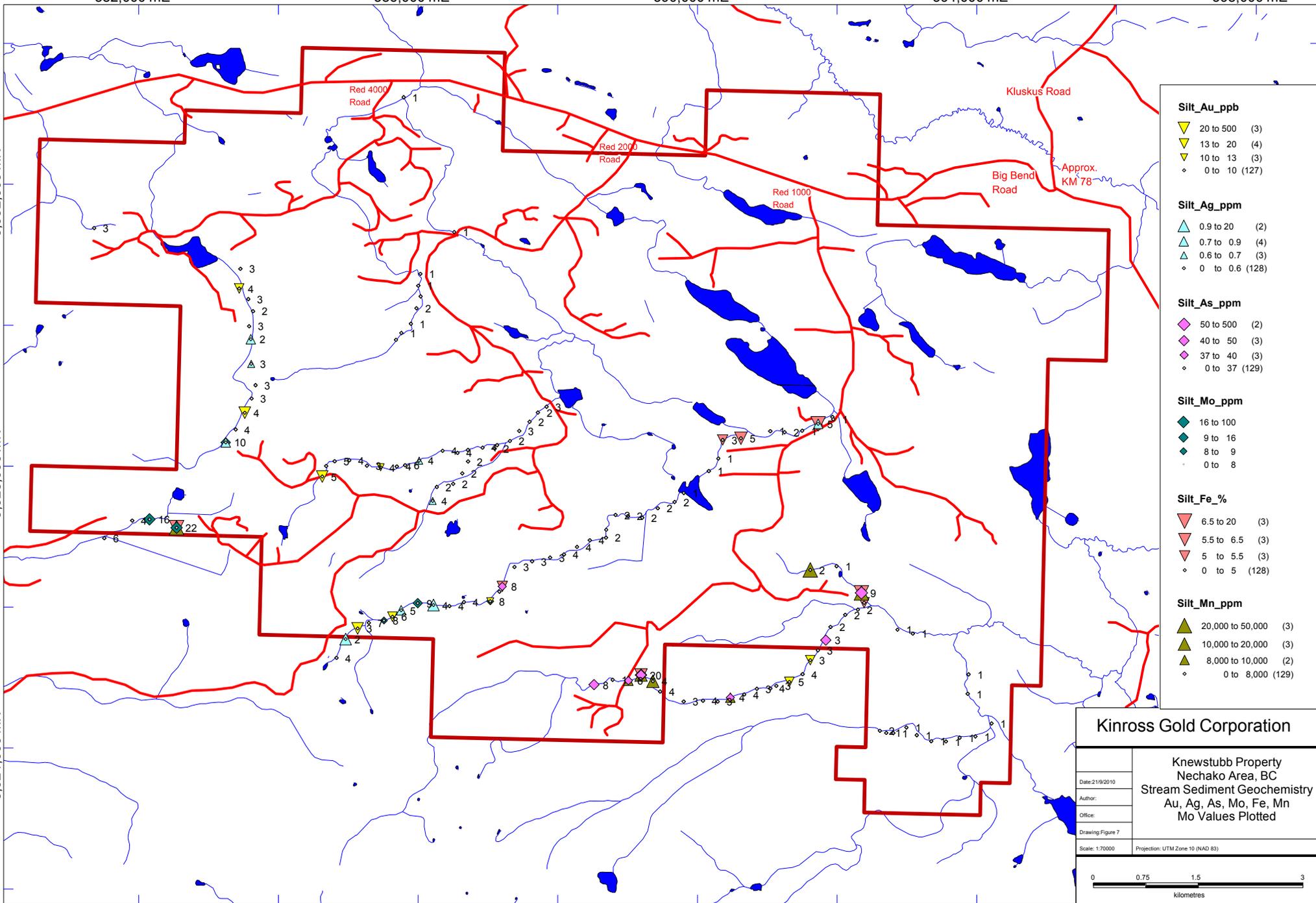
5,928,000 mN

5,924,000 mN

5,932,000 mN

5,928,000 mN

5,924,000 mN



Silt_Au_ppb	
▽ (Yellow)	20 to 500 (3)
▽ (Light Green)	13 to 20 (4)
▽ (Light Blue)	10 to 13 (3)
◊ (White)	0 to 10 (127)
Silt_Ag_ppm	
△ (Light Green)	0.9 to 20 (2)
△ (Light Blue)	0.7 to 0.9 (4)
△ (Light Green)	0.6 to 0.7 (3)
◊ (White)	0 to 0.6 (128)
Silt_As_ppm	
◇ (Pink)	50 to 500 (2)
◇ (Light Green)	40 to 50 (3)
◇ (Light Blue)	37 to 40 (3)
◊ (White)	0 to 37 (129)
Silt_Mo_ppm	
◆ (Dark Green)	16 to 100
◆ (Light Green)	9 to 16
◆ (Light Blue)	8 to 9
◊ (White)	0 to 8
Silt_Fe_%	
▽ (Light Green)	6.5 to 20 (3)
▽ (Light Blue)	5.5 to 6.5 (3)
▽ (Light Green)	5 to 5.5 (3)
◊ (White)	0 to 5 (128)
Silt_Mn_ppm	
▲ (Yellow)	20,000 to 50,000 (3)
▲ (Light Green)	10,000 to 20,000 (3)
▲ (Light Blue)	8,000 to 10,000 (2)
◊ (White)	0 to 8,000 (129)

Kinross Gold Corporation

Knewstubb Property
Nechako Area, BC
Stream Sediment Geochemistry
Au, Ag, As, Mo, Fe, Mn
Mo Values Plotted

Date: 2/19/2010
Author:
Office:
Drawing: Figure 7
Scale: 1:70000 Projection: UTM Zone 10 (NAD 83)

0 0.75 1.5 3
kilometres

382,000 mE

386,000 mE

390,000 mE

394,000 mE

398,000 mE

382,000 mE

386,000 mE

390,000 mE

394,000 mE

398,000 mE

5,932,000 mN

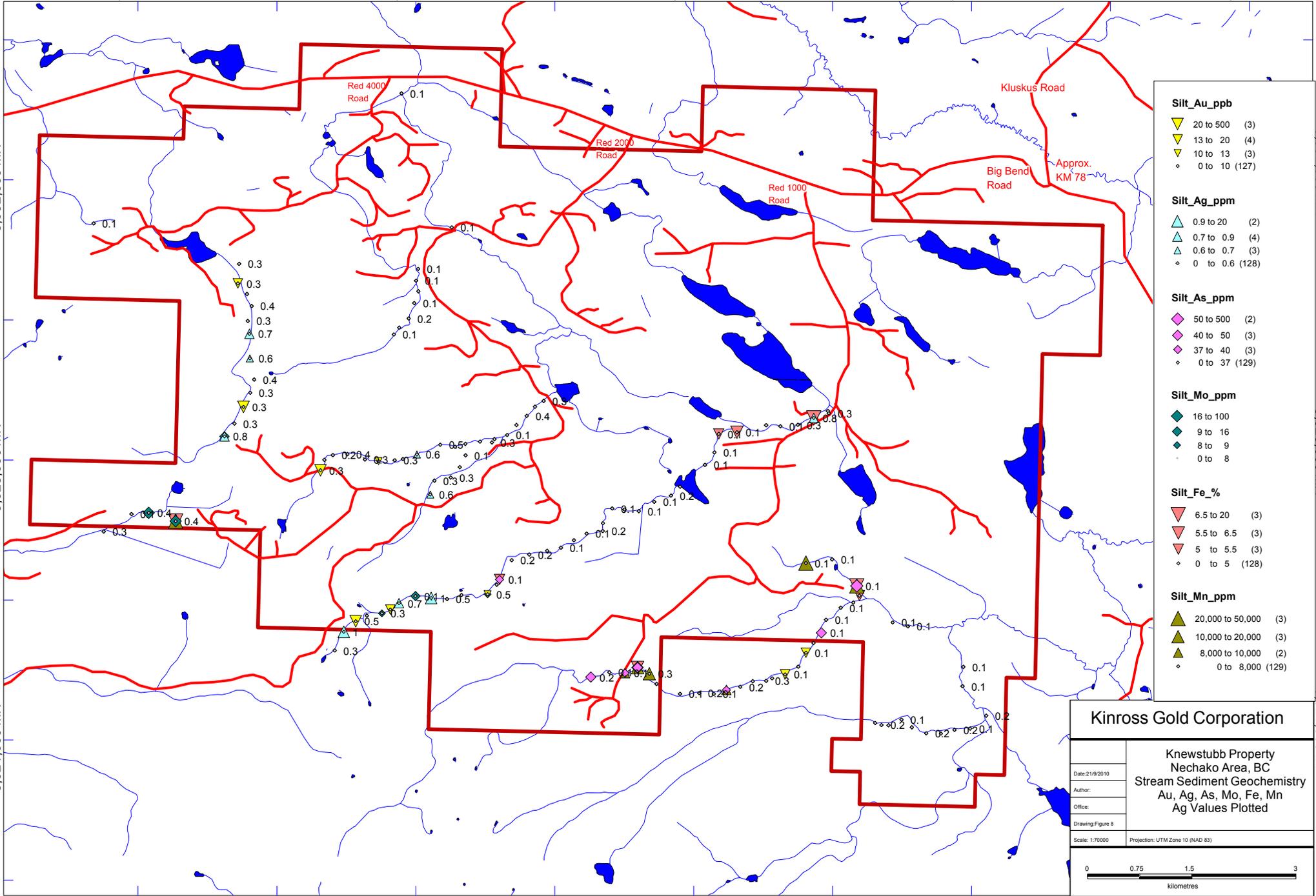
5,928,000 mN

5,924,000 mN

5,932,000 mN

5,928,000 mN

5,924,000 mN



Silt_Au_ppb	
▽	20 to 500 (3)
▽	13 to 20 (4)
▽	10 to 13 (3)
◊	0 to 10 (127)
Silt_Ag_ppm	
△	0.9 to 20 (2)
△	0.7 to 0.9 (4)
△	0.6 to 0.7 (3)
◊	0 to 0.6 (128)
Silt_As_ppm	
◇	50 to 500 (2)
◇	40 to 50 (3)
◇	37 to 40 (3)
◊	0 to 37 (129)
Silt_Mo_ppm	
◆	16 to 100
◆	9 to 16
◆	8 to 9
◊	0 to 8
Silt_Fe_%	
▽	6.5 to 20 (3)
▽	5.5 to 6.5 (3)
▽	5 to 5.5 (3)
◊	0 to 5 (128)
Silt_Mn_ppm	
▲	20,000 to 50,000 (3)
▲	10,000 to 20,000 (3)
▲	8,000 to 10,000 (2)
◊	0 to 8,000 (129)

Kinross Gold Corporation

Knewstubb Property
Nechako Area, BC
Stream Sediment Geochemistry
Au, Ag, As, Mo, Fe, Mn
Ag Values Plotted

Date: 2/19/2010
Author:
Office:
Drawing: Figure 8
Scale: 1:70000 Projection: UTM Zone 10 (NAD 83)

0 0.75 1.5 3
kilometres

382,000 mE

386,000 mE

390,000 mE

394,000 mE

398,000 mE

382,000 mE

386,000 mE

390,000 mE

394,000 mE

398,000 mE

5,932,000 mN

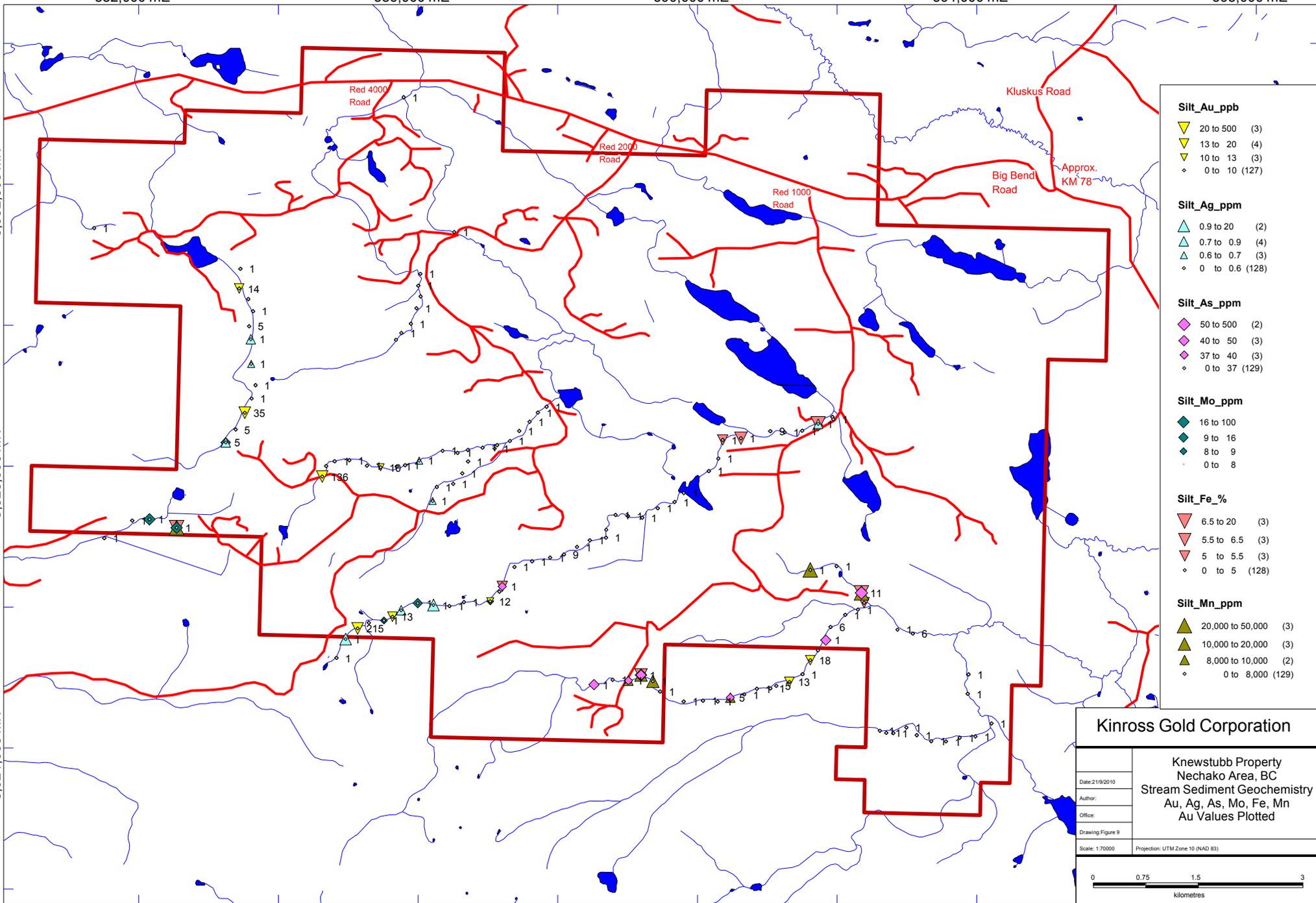
5,928,000 mN

5,924,000 mN

5,932,000 mN

5,928,000 mN

5,924,000 mN



- Silt_Au_ppb**
- ▼ 20 to 500 (3)
 - ▼ 13 to 20 (4)
 - ▼ 10 to 13 (3)
 - ◊ 0 to 10 (127)
- Silt_Ag_ppm**
- ▲ 0.9 to 20 (2)
 - ▲ 0.7 to 0.9 (4)
 - ▲ 0.6 to 0.7 (3)
 - ◊ 0 to 0.6 (128)
- Silt_As_ppm**
- ◆ 50 to 500 (2)
 - ◆ 40 to 50 (3)
 - ◆ 37 to 40 (3)
 - ◊ 0 to 37 (129)
- Silt_Mo_ppm**
- ◆ 16 to 100
 - ◆ 9 to 16
 - ◆ 8 to 9
 - ◊ 0 to 8
- Silt_Fe_%**
- ▼ 6.5 to 20 (3)
 - ▼ 5.5 to 6.5 (3)
 - ▼ 5 to 5.5 (3)
 - ◊ 0 to 5 (128)
- Silt_Mn_ppm**
- ▲ 20,000 to 50,000 (3)
 - ▲ 10,000 to 20,000 (3)
 - ▲ 8,000 to 10,000 (2)
 - ◊ 0 to 8,000 (129)

Kinross Gold Corporation

Knewstubb Property
Nechako Area, BC
Stream Sediment Geochemistry
Au, Ag, As, Mo, Fe, Mn
Au Values Plotted

Date: 2/19/2010
Author:
Office:
Drawing: Figure 9
Scale: 1:70000 Projection: UTM Zone 10 (NAD 83)

0 0.75 1.5 3
kilometres

382,000 mE

386,000 mE

390,000 mE

394,000 mE

398,000 mE

382,000 mE

386,000 mE

390,000 mE

394,000 mE

398,000 mE

5,932,000 mN

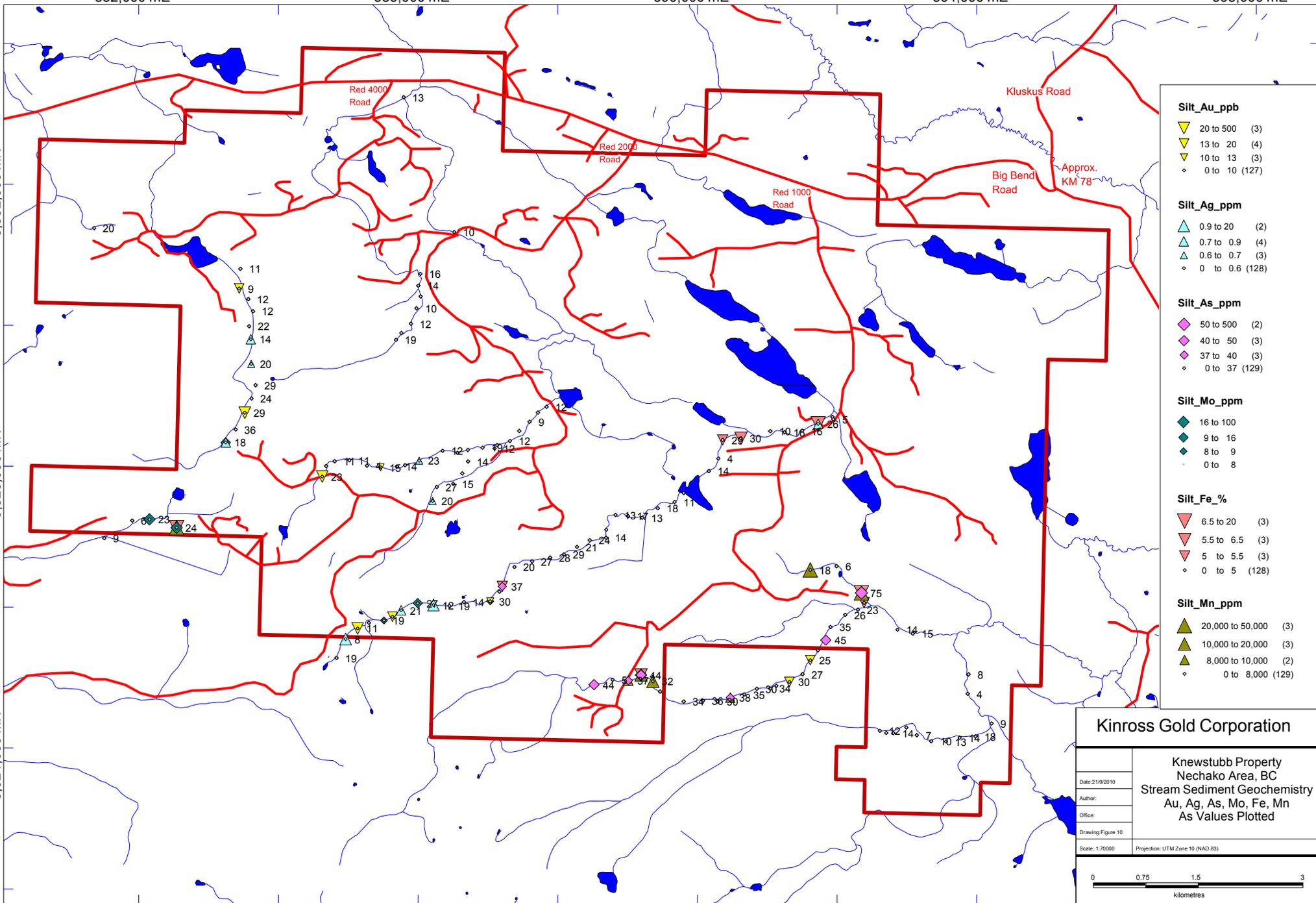
5,928,000 mN

5,924,000 mN

5,932,000 mN

5,928,000 mN

5,924,000 mN



Silt_Au_ppb

- ▼ 20 to 500 (3)
- ▼ 13 to 20 (4)
- ▼ 10 to 13 (3)
- ◊ 0 to 10 (127)

Silt_Ag_ppm

- ▲ 0.9 to 20 (2)
- ▲ 0.7 to 0.9 (4)
- ▲ 0.6 to 0.7 (3)
- ◊ 0 to 0.6 (128)

Silt_As_ppm

- ◆ 50 to 500 (2)
- ◆ 40 to 50 (3)
- ◆ 37 to 40 (3)
- ◊ 0 to 37 (129)

Silt_Mo_ppm

- ◆ 16 to 100
- ◆ 9 to 16
- ◆ 8 to 9
- ◊ 0 to 8

Silt_Fe_%

- ▼ 6.5 to 20 (3)
- ▼ 5.5 to 6.5 (3)
- ▼ 5 to 5.5 (3)
- ◊ 0 to 5 (128)

Silt_Mn_ppm

- ▲ 20,000 to 50,000 (3)
- ▲ 10,000 to 20,000 (3)
- ▲ 8,000 to 10,000 (2)
- ◊ 0 to 8,000 (129)

Kinross Gold Corporation

Knewstubb Property
Nechako Area, BC
Stream Sediment Geochemistry
Au, Ag, As, Mo, Fe, Mn
As Values Plotted

Date: 2/19/2010
Author:
Office:
Drawing: Figure 10
Scale: 1:70000 Projection: UTM Zone 10 (NAD 83)

0 0.75 1.5 3
kilometres

382,000 mE

386,000 mE

390,000 mE

394,000 mE

398,000 mE

382,000 mE

386,000 mE

390,000 mE

394,000 mE

398,000 mE

5,932,000 mN

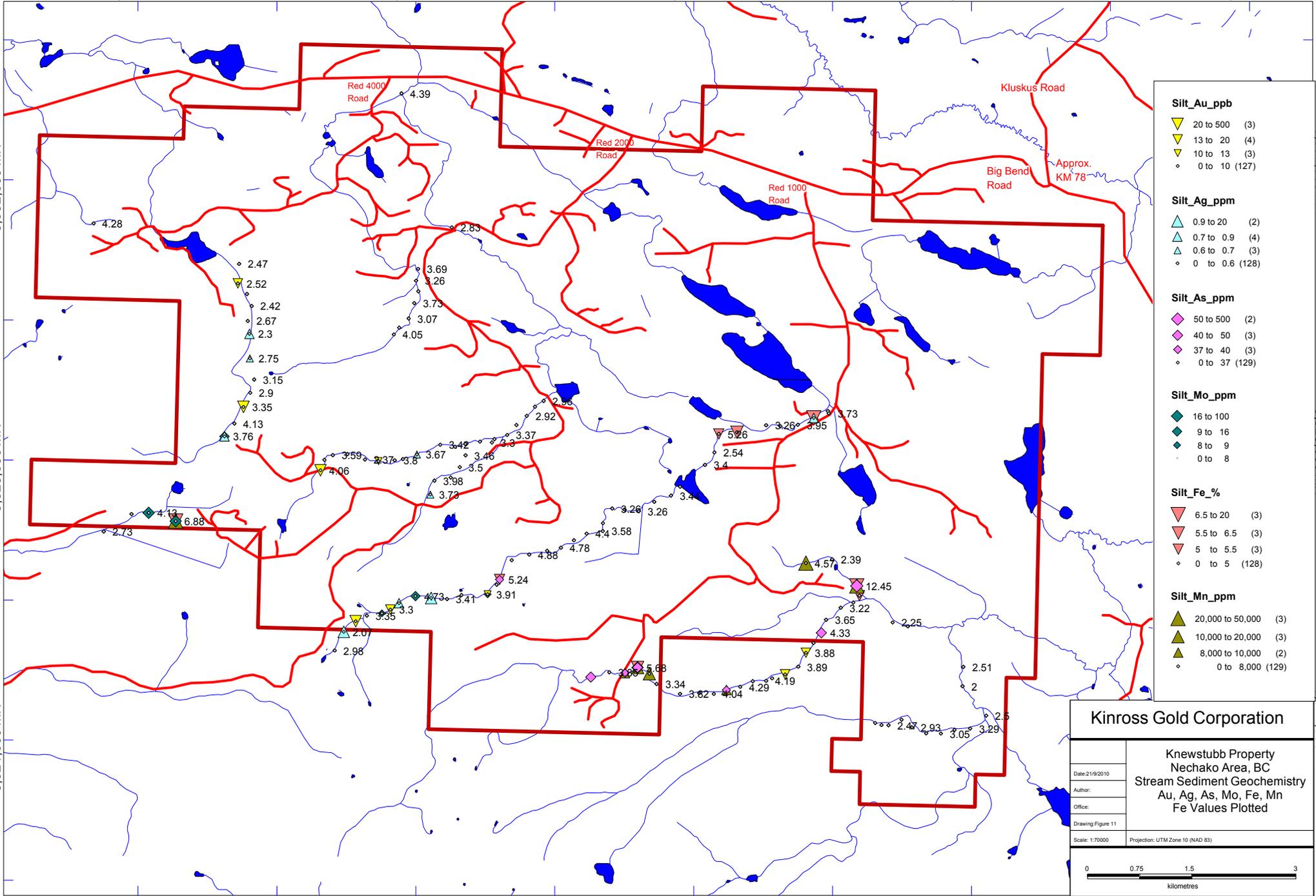
5,928,000 mN

5,924,000 mN

5,932,000 mN

5,928,000 mN

5,924,000 mN



Silt_Au_ppb

- ▼ 20 to 500 (3)
- ▼ 13 to 20 (4)
- ▼ 10 to 13 (3)
- ◊ 0 to 10 (127)

Silt_Ag_ppm

- ▲ 0.9 to 20 (2)
- ▲ 0.7 to 0.9 (4)
- ▲ 0.6 to 0.7 (3)
- ◊ 0 to 0.6 (128)

Silt_As_ppm

- ◆ 50 to 500 (2)
- ◆ 40 to 50 (3)
- ◆ 37 to 40 (3)
- ◊ 0 to 37 (129)

Silt_Mo_ppm

- ◆ 16 to 100
- ◆ 9 to 16
- ◆ 8 to 9
- ◊ 0 to 8

Silt_Fe_%

- ▼ 6.5 to 20 (3)
- ▼ 5.5 to 6.5 (3)
- ▼ 5 to 5.5 (3)
- ◊ 0 to 5 (128)

Silt_Mn_ppm

- ▲ 20,000 to 50,000 (3)
- ▲ 10,000 to 20,000 (3)
- ▲ 8,000 to 10,000 (2)
- ◊ 0 to 8,000 (129)

Kinross Gold Corporation

Knewstubb Property
Nechako Area, BC
Stream Sediment Geochemistry
Au, Ag, As, Mo, Fe, Mn
Fe Values Plotted

Date: 2/19/2010
Author:
Office:
Drawing: Figure 11
Scale: 1:70000 Projection: UTM Zone 10 (NAD 83)

0 0.75 1.5 3
kilometres

382,000 mE

386,000 mE

390,000 mE

394,000 mE

398,000 mE

382,000 mE

386,000 mE

390,000 mE

394,000 mE

398,000 mE

5,932,000 mN

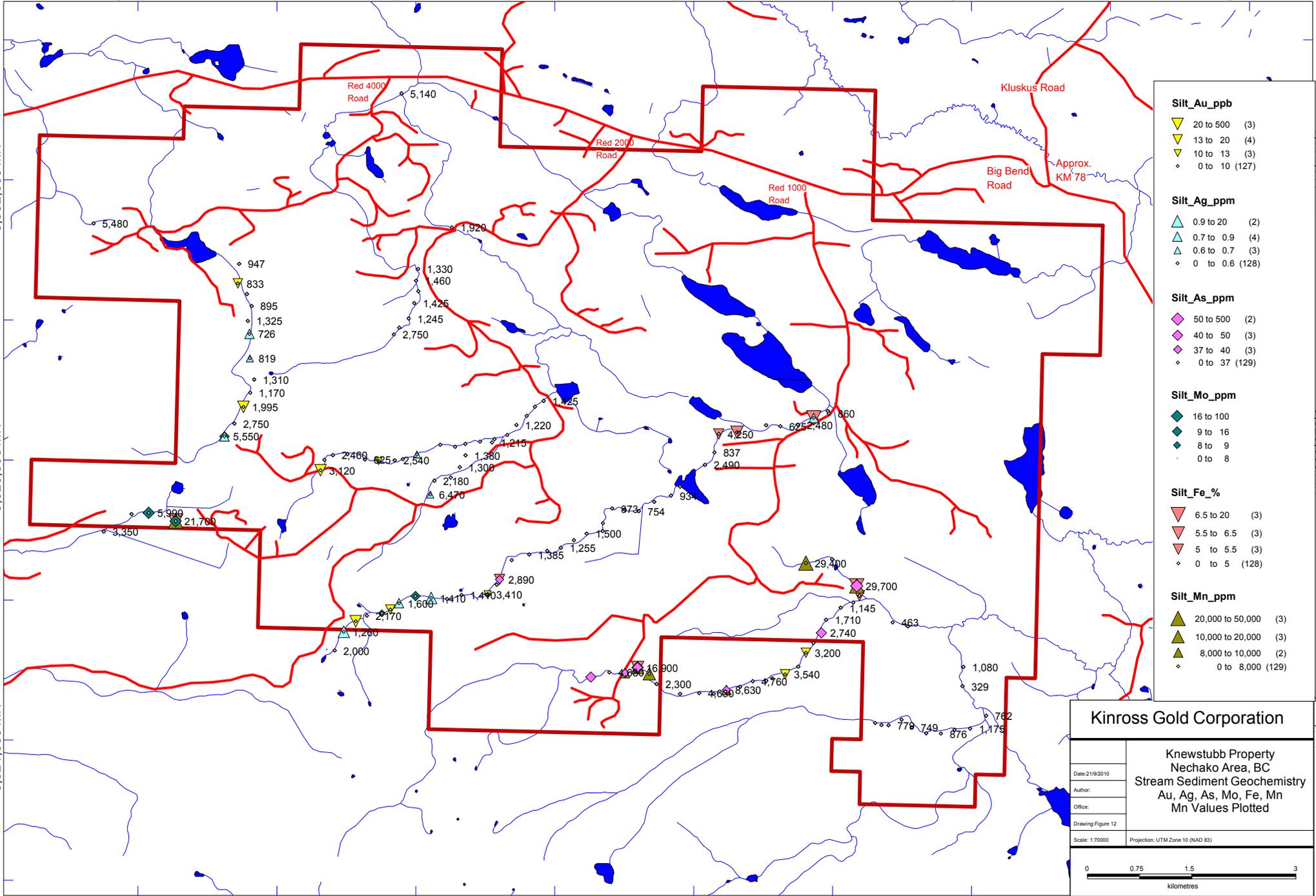
5,928,000 mN

5,924,000 mN

5,932,000 mN

5,928,000 mN

5,924,000 mN



Silt_Au_ppb

- ▽ 20 to 500 (3)
- ▽ 13 to 20 (4)
- ▽ 10 to 13 (3)
- ◊ 0 to 10 (127)

Silt_Ag_ppm

- △ 0.9 to 20 (2)
- △ 0.7 to 0.9 (4)
- △ 0.6 to 0.7 (3)
- ◊ 0 to 0.6 (128)

Silt_As_ppm

- ◇ 50 to 500 (2)
- ◇ 40 to 50 (3)
- ◇ 37 to 40 (3)
- ◊ 0 to 37 (129)

Silt_Mo_ppm

- ◆ 16 to 100
- ◆ 9 to 16
- ◆ 8 to 9
- ◊ 0 to 8

Silt_Fe_%

- ▽ 6.5 to 20 (3)
- ▽ 5.5 to 6.5 (3)
- ▽ 5 to 5.5 (3)
- ◊ 0 to 5 (128)

Silt_Mn_ppm

- ▲ 20,000 to 50,000 (3)
- ▲ 10,000 to 20,000 (3)
- ▲ 8,000 to 10,000 (2)
- ◊ 0 to 8,000 (129)

Kinross Gold Corporation

Knewstubb Property
Nechako Area, BC
Stream Sediment Geochemistry
Au, Ag, As, Mo, Fe, Mn
Mn Values Plotted

Date: 2/19/2010
Author:
Office:
Drawing: Figure 12
Scale: 1:70000 Projection: UTM Zone 10 (NAD 83)

0 0.75 1.5 3
kilometres

382,000 mE

386,000 mE

390,000 mE

394,000 mE

398,000 mE

7.0) CONCLUSIONS AND RECOMMENDATIONS

The stream sediment sampling program undertaken in 2010 on the Knewstubb project was completed in an effort to evaluate the potential of the claims at a property scale level. This might be considered a first pass of exploration for the property.

The results of stream sediment sampling indicate that the southwest portion of the claims contains elevated levels for several elements, including arsenic, copper, silver, gold, and molybdenum. Additional geological mapping, combined with continued silt sampling may be beneficial in further outlining areas of interest. The silt samples that were obtained from the intermediate 100 metre intervals, currently held in storage, could be analyzed as an initial program. The streams in the area of interest drain a height of land that trends through the claim block from northwest to southeast. Prospecting of the headwaters of these streams is recommended.

Rock sampling returned up to 0.015 ppm gold and 1.3 ppm silver. Sample NPK10R009 returned 1.3 ppm silver as well as 1195 ppm copper. This sample was noted to contain copper oxide staining related to iron carbonate fracture infillings, hosted in a fine grained diorite. Both of these samples were taken from an area of the claims that might warrant further follow-up, also supported by the results of silt sampling.

This region of the Interior Plateau of British Columbia is generally covered by thick overburden of glacially derived surficial materials. Further exploration on the property may benefit from geophysical surveys, the result of which might assist in mapping structures to help direct geochemical ground work. Ah horizon soil sampling has been useful in outlining overburden covered Cu-Au deposits (see Heberlein and Dunn, Geoscience BC Report 2011-3), the use of which might be considered for the Knewstubb property.



Perry Grunenberg, P.Geo.
May 06, 2011

8.0) REFERENCES

Heberlein, D, and Dunn, C., 2011; Geoscience BC Report 2011-3, The application of surface organic materials as sample media over deeply buried mineralization at the Kwanika Central Zone, North-Central British Columbia.

L.J. Diakow, K. Green, J. Whittles and A. Perry, 1993; Geology of the Nataalkuz Lake Area, Central British Columbia (NTS 93F/6), BCMEMPR Open File 1993-14

Raven W., Fozard C., Courneyea J., 2009; Assessment Report on 2009 Soil Geochemical Sampling Program, Nechako Option, Kluskus Area, BC, assessment report 31106

Hoffman, S. J. and Fletcher, W. K., 1976, Reconnaissance Geochemistry of the Nechako Plateau, British Columbia, Using Lake Sediments

9.0) QUALIFICATIONS

CERTIFICATE: Perry Grunenberg

I, **Perry Grunenberg**, hereby certify that:

- a) I am a consulting Geoscientist with PBG GEOSCIENCE having an office at 2016 High Country Boulevard, Kamloops, British Columbia, V2E 1L1.
- b) I am a graduate of the University of British Columbia with the degree of Bachelor of Science in Geology (1982).
I am a member of the Association of Professional Engineers and Geoscientists of British Columbia (Registration No. 19246) and a Fellow of the Geological Association of Canada (Membership No. F5203).
I have practiced my profession in North America since 1982, having worked as an employee and consultant for major mining corporations, junior resource companies and BC government ministries.
- c) I was contracted to prepare this report on behalf of Kinross Gold Corporation. I was not involved directly in the field work summarized in this report.
- d) I have personally prepared or have reviewed all sections of this report including the illustrations.
- e) I have managed exploration programs, similar to the one covered in this report, as a consulting geoscientist on behalf of various mining exploration companies since 1982.

May 06, 2011
Kamloops, B.C.



Perry Grunenberg, P.Geo.
Consulting Geoscientist

10) COST STATEMENT

(as provided by Kinross Gold Corporation)

2010 Knewstubb Expenditures													
Description	Salary and Wages	Food and Accomodation	Rentals	Transportation	Fuel	Supplies	Shipping	Assays	Report	HST	subtotal	15% Admin	TOTAL
Charlie Greig May1-June 15, 2010	1181.25										1181.25		
Jeff Rowe May 31-June 15, 2010	6142.5										6142.5		
Jeff Rowe June 16-Aug 14, 2010	12076										12076		
Charlie Greig June16-Aug 31, 2010	607.5										607.5		
Neil Prowse-Silt Sampling /Aug 2010	2688										2688		
Nicolas Harrichhausen Silting 9/8-14/10	2244										2244		
Mairi Greig Silt Sampling Aug 7-16,2010	2867.1										2867.1		
James Olsen Silt Smpling Aug 8-14, 2010	2496										2496		
Roy Greig Silt Sampling Aug 7-31, 2010	3427.2										3427.2		
Greig and Ass Invoice KNO2		3970.61	300.58	6268.6	193.05	389.75	485.61			959.4	12567.55		
ALS CHEMEX137 ASSAYS-2131431								2577.2			2577.19		
ALS CHEMEX ASSAYS 2122511								1602.3					
ALS CHEMEX8 ROCK-2131898								174.91			174.91		
PBG Geoscience									1650	198	1848		
SUBTOTAL											50897.2		
	33729.55	3970.61	300.58	6268.6	193.05	389.75	485.61	4354.4		1157	50849.46	7597.72	58249.18

**APPENDIX
ASSAY CERTIFICATES**



ALS USA Inc.
4977 Energy Way
Reno NV 89502
Phone: 775 356 5395 Fax: 775 355 0179 www.alsglobal.com

To: KINROSS GOLD CORPORATION
5370 KIETZKE LANE #102
RENO NV 89511

Page: 1
Finalized Date: 3- SEP- 2010
Account: KGOLCO

CERTIFICATE VA10117971

Project:
P.O. No.:
This report is for 138 Other samples submitted to our lab in Vancouver, BC, Canada on 24- AUG- 2010.

The following have access to data associated with this certificate:

CHARLES GREIG

AL KIRKHAM

SAMPLE PREPARATION

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

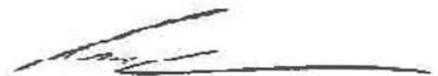
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Au- AA23	Au 30g FA- AA finish	AAS

To: KINROSS GOLD CORPORATION
ATTN: AL KIRKHAM
5370 KIETZKE LANE #102
RENO NV 89511

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



ALS USA Inc.
 4977 Energy Way
 Reno NV 89502
 Phone: 775 356 5395 Fax: 775 355 0179 www.alsglobal.com

To: KINROSS GOLD CORPORATION
 5370 KIETZKE LANE #102
 RENO NV 89511

Page: 2 - A
 Total # Pages: 5 (A - C)
 Finalized Date: 3- SEP- 2010
 Account: KGOLCO

CERTIFICATE OF ANALYSIS VA10117971

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA23 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
RGK10T002		0.48	<0.005	0.4	1.49	24	<10	1090	0.5	<2	1.40	6.0	21	21	21	6.88
RGK10T004		0.64	<0.005	0.4	1.27	23	<10	360	0.5	<2	0.90	3.3	13	18	25	4.13
RGK10T006		0.44	<0.005	<0.2	0.89	6	<10	180	<0.5	<2	1.11	1.6	6	22	19	1.99
RGK10T008		0.60	<0.005	0.3	1.09	9	<10	240	<0.5	<2	0.95	1.9	8	19	19	2.73
RGK10T010		0.80	<0.005	0.3	1.74	12	<10	210	0.5	<2	1.66	1.8	7	18	36	2.96
RGK10T012		0.66	<0.005	<0.2	1.32	10	<10	220	<0.5	<2	0.87	0.5	8	13	16	2.83
RGK10T014		0.70	<0.005	0.3	2.10	5	<10	240	0.5	<2	0.81	<0.5	9	14	30	3.73
RGK10T016		0.68	<0.005	0.3	1.72	19	<10	520	0.5	<2	1.26	0.8	13	13	27	4.56
RGK10T018		0.70	<0.005	0.8	1.72	26	<10	540	0.6	<2	0.99	0.6	14	18	22	7.62
RGK10T020		0.32	<0.005	0.3	1.94	16	<10	290	0.5	<2	1.14	<0.5	11	12	22	3.95
RGK10T022		0.58	<0.005	<0.2	1.87	16	<10	170	0.5	<2	0.32	<0.5	11	12	23	3.72
RGK10T024		0.72	0.009	<0.2	1.81	10	<10	170	<0.5	<2	0.99	<0.5	10	7	16	3.26
RGK10T026		0.66	<0.005	<0.2	2.27	5	<10	250	<0.5	<2	1.33	<0.5	13	8	16	3.85
RGK10T028		0.72	<0.005	0.2	2.08	44	<10	300	0.6	2	0.81	1.1	16	32	40	4.98
RGK10T030		0.52	<0.005	<0.2	1.75	57	<10	520	0.5	<2	1.09	1.7	19	26	27	5.65
RGK10T032		0.48	<0.005	<0.2	1.52	4	<10	130	<0.5	<2	0.89	0.5	12	12	19	2.54
RGK10T034		0.62	<0.005	<0.2	1.59	14	<10	180	<0.5	<2	0.92	0.5	15	15	16	3.40
RGK10T036		0.60	<0.005	<0.2	1.64	29	<10	360	0.5	<2	0.98	0.7	17	12	22	5.26
RGK10T038		0.58	<0.005	<0.2	1.82	30	<10	570	0.6	2	0.99	0.9	20	13	25	6.14
RGK10T040		0.70	<0.005	<0.2	1.50	18	<10	1230	<0.5	<2	1.06	1.2	21	11	14	4.57
RGK10T042		0.48	<0.005	<0.2	1.18	6	<10	230	<0.5	<2	0.80	0.5	9	9	15	2.39
RGK10T044		0.72	0.011	<0.2	1.22	75	<10	3050	0.6	<2	1.47	3.0	37	8	38	12.45
RGK10T046		0.78	<0.005	<0.2	1.09	34	<10	190	<0.5	<2	0.79	0.8	12	17	21	5.26
RGK10T048		0.66	<0.005	<0.2	1.72	24	<10	140	<0.5	<2	0.75	1.4	15	16	27	4.40
RGK10T050		0.60	<0.005	<0.2	1.77	21	<10	140	0.5	<2	0.76	1.2	13	15	27	4.26
RGK10T052		0.68	0.009	<0.2	1.79	29	<10	130	0.5	<2	0.67	1.2	13	14	26	4.78
RGK10T054		0.64	<0.005	0.2	1.94	28	<10	170	0.5	<2	0.83	1.5	15	13	38	4.61
RGK10T056		0.74	<0.005	0.2	1.95	27	<10	150	0.5	<2	0.73	1.5	17	11	42	4.88
RGK10T058		0.66	<0.005	0.2	1.70	20	<10	150	0.5	<2	1.16	1.3	14	12	48	4.42
RGK10T060		0.40	<0.005	<0.2	1.98	12	<10	180	0.5	<2	0.35	<0.5	11	13	18	3.98
RGK10T062		0.60	<0.005	<0.2	1.85	37	<10	230	0.6	<2	0.78	2.5	17	25	31	5.24
MGK10T002		0.76	<0.005	<0.2	1.32	20	<10	380	0.5	<2	0.77	0.9	17	22	27	4.28
MGK10T004		0.54	<0.005	<0.2	1.16	13	<10	430	<0.5	<2	1.26	0.6	13	12	19	4.39
MGK10T006		0.58	<0.005	<0.2	1.49	16	<10	170	<0.5	<2	1.04	0.7	11	17	18	3.69
MGK10T008		0.42	<0.005	<0.2	1.55	14	<10	210	0.5	<2	1.44	0.7	10	18	24	3.26
MGK10T010		0.38	<0.005	0.2	1.50	12	<10	220	0.5	<2	1.63	0.8	10	18	26	3.18
MGK10T012		0.32	<0.005	<0.2	1.57	10	<10	240	0.5	<2	1.35	0.8	11	19	29	3.73
MGK10T014		0.42	<0.005	0.2	1.46	12	<10	200	0.5	<2	1.46	0.7	9	19	26	3.07
MGK10T016		0.64	<0.005	<0.2	2.00	12	<10	180	0.5	<2	0.35	<0.5	12	13	17	3.87
MGK10T018		0.46	<0.005	<0.2	1.50	19	<10	260	0.5	<2	1.31	1.3	14	20	30	4.05



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To: KINROSS GOLD CORPORATION
 5370 KIETZKE LANE #102
 RENO NV 89511

Page: 2 - B
 Total # Pages: 5 (A - C)
 Finalized Date: 3- SEP- 2010
 Account: KGOLCO

CERTIFICATE OF ANALYSIS VA10117971

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte Units LOR	Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
RGK10T002		<10	1	0.05	10	0.45	21700	22	0.02	48	1030	9	0.14	<2	3	133
RGK10T004		<10	1	0.08	10	0.38	5990	16	<0.01	36	880	9	0.28	<2	4	80
RGK10T006		<10	<1	0.05	10	0.34	1820	4	<0.01	27	710	3	0.05	<2	3	88
RGK10T008		<10	<1	0.05	10	0.36	3350	6	<0.01	27	730	4	0.04	<2	3	81
RGK10T010		<10	<1	0.07	10	0.49	1425	3	0.01	25	910	5	0.08	<2	6	94
RGK10T012		10	1	0.04	10	0.46	1920	1	0.01	13	700	5	0.05	<2	5	53
RGK10T014		10	<1	0.08	10	0.60	860	1	0.02	13	960	6	0.03	<2	8	48
RGK10T016		10	<1	0.06	10	0.51	5270	3	0.02	17	1040	6	0.09	<2	7	85
RGK10T018		10	<1	0.06	10	0.57	5840	5	0.02	15	960	5	0.05	<2	7	73
RGK10T020		10	<1	0.05	10	0.58	2480	1	0.02	13	860	4	0.07	<2	7	72
RGK10T022		10	<1	0.07	10	0.47	625	2	<0.01	20	1060	15	<0.01	<2	5	19
RGK10T024		10	<1	0.04	10	0.72	1485	<1	<0.01	10	820	6	0.04	<2	6	57
RGK10T026		10	<1	0.05	10	0.86	4680	1	<0.01	10	970	6	0.07	<2	7	97
RGK10T028		<10	<1	0.07	10	0.56	6560	8	<0.01	45	930	9	0.02	<2	8	80
RGK10T030		<10	1	0.05	10	0.50	13600	9	<0.01	46	1140	8	0.05	<2	5	115
RGK10T032		10	<1	0.05	10	0.68	837	<1	<0.01	15	710	5	0.10	<2	6	50
RGK10T034		10	<1	0.04	10	0.79	2490	1	<0.01	18	830	5	0.06	<2	5	50
RGK10T036		10	<1	0.05	10	0.66	4250	3	<0.01	17	930	5	0.05	<2	7	63
RGK10T038		10	<1	0.06	10	0.71	6760	5	0.01	21	1090	6	0.05	<2	7	72
RGK10T040		<10	<1	0.03	10	0.77	29400	2	<0.01	19	540	8	0.06	<2	5	93
RGK10T042		<10	<1	0.03	10	0.45	1455	<1	<0.01	11	550	3	0.20	<2	4	42
RGK10T044		<10	<1	0.05	20	0.32	29700	9	0.02	26	1310	9	0.11	3	6	134
RGK10T046		10	<1	0.06	10	0.45	1350	2	<0.01	22	800	6	0.03	<2	5	44
RGK10T048		10	<1	0.06	10	0.72	1500	4	<0.01	27	700	6	0.01	<2	7	52
RGK10T050		<10	<1	0.06	10	0.67	1200	4	<0.01	25	730	6	0.02	<2	7	53
RGK10T052		<10	<1	0.06	10	0.73	1255	4	<0.01	24	770	7	0.02	<2	7	48
RGK10T054		10	<1	0.06	10	0.72	1500	3	<0.01	26	820	8	0.04	<2	9	62
RGK10T056		10	<1	0.06	10	0.85	1385	3	<0.01	23	870	7	0.06	<2	10	55
RGK10T058		<10	<1	0.06	10	0.62	1300	3	<0.01	28	960	9	0.35	<2	9	65
RGK10T060		10	<1	0.08	10	0.50	692	1	<0.01	15	1150	8	<0.01	<2	5	20
RGK10T062		10	<1	0.08	10	0.52	2890	8	<0.01	44	860	7	0.02	<2	7	64
MCK10T002		<10	<1	0.10	10	0.44	5480	3	<0.01	40	670	7	0.03	<2	5	87
MCK10T004		<10	<1	0.07	10	0.45	5140	1	0.01	17	900	8	0.08	<2	4	93
MCK10T006		<10	<1	0.06	10	0.55	1330	1	<0.01	21	740	5	0.05	2	5	66
MCK10T008		10	<1	0.06	10	0.46	1460	1	<0.01	22	750	7	0.07	<2	5	88
MCK10T010		<10	<1	0.07	10	0.45	1535	2	<0.01	23	820	6	0.07	<2	5	97
MCK10T012		10	<1	0.07	10	0.45	1425	2	<0.01	23	800	7	0.05	<2	6	87
MCK10T014		<10	<1	0.07	10	0.40	1245	1	<0.01	24	780	6	0.06	<2	5	90
MCK10T016		10	<1	0.08	10	0.50	693	<1	<0.01	14	1250	8	<0.01	2	5	20
MCK10T018		<10	<1	0.07	10	0.47	2750	3	<0.01	29	850	9	0.04	<2	5	86



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To: KINROSS GOLD CORPORATION
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Sample Description	Method Analyte Units LOR	ME- ICP41						
		Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
RGK10T002		<20	0.04	<10	<10	53	<10	183
RGK10T004		<20	0.03	<10	<10	50	<10	185
RGK10T006		<20	0.03	<10	<10	31	<10	85
RGK10T008		<20	0.04	<10	<10	42	<10	106
RGK10T010		<20	0.04	<10	<10	46	<10	116
RGK10T012		<20	0.07	<10	<10	52	<10	89
RGK10T014		<20	0.06	<10	<10	64	<10	95
RGK10T016		<20	0.04	<10	<10	61	<10	113
RGK10T018		<20	0.05	<10	<10	72	<10	804
RGK10T020		<20	0.05	<10	<10	59	<10	78
RGK10T022		<20	0.06	<10	<10	71	<10	81
RGK10T024		<20	0.09	<10	<10	61	<10	75
RGK10T026		<20	0.08	<10	<10	63	<10	90
RGK10T028		<20	0.03	<10	<10	53	<10	121
RGK10T030		<20	0.02	<10	<10	47	<10	126
RGK10T032		<20	0.06	<10	<10	47	<10	80
RGK10T034		<20	0.09	<10	<10	58	<10	89
RGK10T036		<20	0.05	<10	<10	64	<10	87
RGK10T038		<20	0.04	<10	<10	69	<10	98
RGK10T040		<20	0.06	<10	<10	54	<10	105
RGK10T042		<20	0.05	<10	<10	34	<10	79
RGK10T044		<20	0.03	<10	<10	73	<10	172
RGK10T046		<20	0.03	<10	<10	50	<10	106
RGK10T048		<20	0.02	<10	<10	63	<10	126
RGK10T050		<20	0.02	<10	<10	61	<10	130
RGK10T052		<20	0.01	<10	<10	65	<10	131
RGK10T054		<20	0.01	<10	<10	65	<10	130
RGK10T056		<20	0.01	<10	<10	74	<10	127
RGK10T058		<20	0.02	<10	<10	53	<10	121
RGK10T060		<20	0.06	<10	<10	75	<10	79
RGK10T062		<20	0.02	<10	<10	52	<10	175
MCK10T002		<20	0.03	<10	<10	45	<10	128
MCK10T004		<20	0.04	<10	<10	48	<10	105
MCK10T006		<20	0.04	<10	<10	49	<10	91
MCK10T008		<20	0.04	<10	<10	45	<10	87
MCK10T010		<20	0.03	<10	<10	46	<10	89
MCK10T012		<20	0.04	<10	<10	52	<10	95
MCK10T014		<20	0.03	<10	<10	43	<10	84
MCK10T016		<20	0.07	<10	<10	73	<10	87
MCK10T018		<20	0.04	<10	<10	51	<10	101



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA23 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
MGK10T020		0.66	<0.005	<0.2	1.14	14	<10	100	<0.5	<2	0.56	<0.5	9	15	16	2.25
MGK10T022		0.62	0.006	<0.2	1.08	15	<10	120	<0.5	<2	0.64	<0.5	9	17	18	2.79
MGK10T024		0.60	<0.005	<0.2	1.51	8	<10	160	<0.5	<2	0.67	0.5	11	24	20	2.51
MGK10T026		0.62	<0.005	<0.2	1.35	4	<10	140	<0.5	<2	0.55	<0.5	9	21	18	2.00
MGK10T028		0.68	<0.005	0.2	1.47	9	<10	170	<0.5	<2	0.57	0.5	10	24	23	2.50
MGK10T030		0.62	<0.005	<0.2	1.96	14	<10	170	0.6	<2	0.35	<0.5	11	13	18	4.15
MGK10T032		0.70	<0.005	<0.2	1.64	18	<10	190	<0.5	<2	0.58	0.7	11	28	23	3.29
MGK10T034		0.82	<0.005	0.2	1.60	14	<10	170	<0.5	<2	0.56	0.6	11	27	20	3.09
MGK10T036		0.42	<0.005	<0.2	1.58	13	<10	170	<0.5	<2	0.56	0.6	11	27	21	3.05
MGK10T038		0.62	<0.005	0.2	1.57	10	<10	170	<0.5	<2	0.64	0.6	10	27	23	2.64
MGK10T040		0.50	<0.005	<0.2	1.77	7	<10	190	<0.5	<2	0.66	0.6	11	28	27	2.93
MGK10T042		0.54	<0.005	<0.2	1.42	12	<10	120	<0.5	<2	0.43	0.5	10	25	19	2.67
MGK10T044		0.62	<0.005	<0.2	1.33	14	<10	130	<0.5	<2	0.49	0.5	9	25	21	2.47
MGK10T046		0.62	<0.005	0.2	1.55	18	<10	160	<0.5	<2	0.60	0.7	11	25	23	2.84
MGK10T048		0.56	<0.005	<0.2	1.64	12	<10	200	<0.5	<2	0.64	0.9	11	26	24	2.68
MGK10T050		0.54	<0.005	0.2	1.72	14	<10	140	<0.5	<2	0.86	1.3	12	18	26	3.58
MGK10T052		0.78	<0.005	0.3	1.86	14	<10	150	0.5	<2	1.06	1.4	11	18	31	3.37
MGK10T054		0.60	<0.005	<0.2	1.86	13	<10	150	<0.5	<2	1.02	1.2	11	18	28	3.26
MGK10T056		0.62	<0.005	0.2	1.93	17	<10	170	0.5	<2	1.30	1.3	11	17	32	3.40
MGK10T058		0.52	<0.005	<0.2	1.77	13	<10	140	<0.5	3	0.88	0.9	10	16	25	3.26
MGK10T060		0.60	<0.005	<0.2	2.02	9	<10	240	0.6	<2	0.70	<0.5	8	12	29	4.05
MGK10T062		0.70	<0.005	<0.2	2.05	18	<10	180	0.5	<2	1.22	1.2	12	16	29	3.63
MGK10T064		0.56	<0.005	0.2	1.95	11	<10	190	0.5	<2	1.23	1.2	10	18	32	3.44
MGK10T066		0.62	<0.005	<0.2	2.17	12	<10	140	<0.5	<2	0.97	0.6	12	16	21	3.86
NPK10T002		0.30	<0.005	0.6	1.58	20	<10	290	0.5	<2	1.45	5.9	10	16	34	3.73
NPK10T004		0.40	<0.005	0.3	1.57	27	<10	180	0.5	<2	1.17	2.8	11	12	39	3.98
NPK10T006		0.46	<0.005	0.3	1.46	15	<10	130	<0.5	<2	1.10	1.5	9	15	29	3.36
NPK10T008		0.46	<0.005	0.2	1.51	13	<10	140	<0.5	<2	0.99	1.8	10	15	26	3.50
NPK10T010		0.56	<0.005	<0.2	1.63	14	<10	150	<0.5	<2	1.03	2.0	11	15	26	3.46
NPK10T012		Not Recvd														
NPK10T014		0.44	<0.005	0.3	1.73	12	<10	170	0.5	<2	1.26	1.8	10	18	31	3.30
NPK10T016		0.46	0.009	<0.2	1.92	18	<10	200	0.5	<2	1.09	2.1	15	25	34	4.17
NPK10T018		0.58	<0.005	<0.2	1.84	12	<10	160	0.5	<2	1.24	1.2	10	19	29	3.37
NPK10T020		0.48	<0.005	<0.2	1.71	12	<10	150	0.5	<2	1.06	1.3	10	18	28	3.31
NPK10T022		0.40	<0.005	0.4	1.62	9	<10	140	<0.5	<2	1.21	1.3	9	18	27	2.92
NPK10T024		0.30	<0.005	0.3	1.65	12	<10	140	<0.5	<2	1.10	1.3	9	17	27	3.04
NPK10T026		0.64	<0.005	0.3	1.10	11	<10	140	<0.5	<2	1.06	1.3	9	17	28	2.47
NPK10T028		0.56	0.014	0.3	1.05	9	<10	160	<0.5	<2	1.01	1.4	8	18	29	2.52
NPK10T030		0.50	<0.005	<0.2	1.85	14	<10	160	0.5	<2	0.33	<0.5	11	13	16	3.80
NPK10T032		0.64	0.008	0.5	1.38	12	<10	150	0.5	<2	1.61	1.4	9	22	36	2.44



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CERTIFICATE OF ANALYSIS VA10117971

Sample Description	Method Analyte Units LOR	ME- ICP41														
		Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
MGK10T020		<10	<1	0.04	10	0.44	463	<1	<0.01	20	630	6	0.04	<2	4	33
MGK10T022		<10	<1	0.04	10	0.42	642	1	<0.01	20	720	4	0.11	<2	5	40
MGK10T024		<10	<1	0.05	10	0.60	1080	<1	<0.01	30	740	5	0.06	<2	5	51
MGK10T026		<10	<1	0.04	10	0.50	329	<1	<0.01	28	580	4	0.04	<2	4	40
MGK10T028		<10	<1	0.05	10	0.52	762	1	<0.01	33	630	6	0.01	<2	5	44
MGK10T030		10	<1	0.08	10	0.52	707	1	<0.01	14	1060	8	<0.01	<2	5	20
MGK10T032		10	<1	0.06	10	0.64	1175	1	0.03	44	630	7	0.02	<2	4	47
MGK10T034		10	<1	0.05	10	0.65	1010	1	0.03	42	640	6	0.02	<2	4	44
MGK10T036		<10	<1	0.06	10	0.63	876	1	0.03	41	630	5	0.02	<2	4	45
MGK10T038		<10	<1	0.05	10	0.58	726	1	0.03	38	630	5	0.03	<2	4	49
MGK10T040		10	<1	0.06	10	0.61	749	1	0.03	40	710	6	0.03	<2	5	51
MGK10T042		<10	<1	0.05	10	0.60	622	1	0.03	38	550	6	0.01	<2	4	34
MGK10T044		<10	<1	0.05	10	0.53	779	1	0.03	32	570	6	0.03	<2	4	38
MGK10T046		10	<1	0.05	10	0.57	1125	1	0.03	40	650	6	0.03	<2	4	47
MGK10T048		10	<1	0.05	10	0.53	1435	2	0.03	39	630	6	0.02	<2	4	50
MGK10T050		<10	<1	0.06	10	0.60	1025	2	0.03	27	720	5	0.04	<2	7	59
MGK10T052		10	<1	0.06	10	0.59	986	3	0.03	26	780	6	0.06	<2	7	66
MGK10T054		<10	<1	0.06	10	0.57	873	2	0.03	24	720	6	0.05	<2	7	65
MGK10T056		10	<1	0.06	10	0.58	1055	2	0.03	24	760	5	0.07	<2	7	81
MGK10T058		10	<1	0.06	10	0.60	754	2	0.03	23	640	6	0.04	<2	6	57
MGK10T060		10	<1	0.08	10	0.46	434	<1	0.04	10	540	12	<0.01	<2	10	33
MGK10T062		10	<1	0.06	10	0.62	1225	2	0.03	23	680	6	0.04	<2	7	76
MGK10T064		<10	<1	0.07	10	0.58	934	2	0.03	26	760	5	0.04	<2	7	78
MGK10T066		10	<1	0.06	10	0.80	586	1	0.03	20	680	5	0.02	<2	7	52
NPK10T002		<10	<1	0.07	10	0.46	6470	4	0.03	35	1010	7	0.09	3	6	91
NPK10T004		<10	<1	0.06	10	0.58	2180	2	0.03	25	970	8	0.08	<2	7	67
NPK10T006		<10	<1	0.05	10	0.58	952	2	0.03	23	750	7	0.06	<2	6	58
NPK10T008		10	<1	0.05	10	0.60	1300	2	0.03	25	750	7	0.05	<2	6	54
NPK10T010		10	<1	0.05	10	0.58	1380	2	0.03	24	730	7	0.04	<2	6	57
NPK10T012		<10	<1	0.06	10	0.58	2180	2	0.03	25	970	8	0.08	<2	7	67
NPK10T014		10	<1	0.07	10	0.54	1215	2	0.03	26	760	6	0.07	<2	6	67
NPK10T016		<10	<1	0.07	10	0.64	2350	5	0.04	31	680	8	0.04	2	7	79
NPK10T018		<10	<1	0.06	10	0.56	1045	2	0.04	26	630	7	0.04	<2	6	75
NPK10T020		<10	<1	0.06	10	0.56	1220	3	0.03	24	610	6	0.03	<2	6	64
NPK10T022		10	<1	0.06	10	0.51	987	2	0.04	24	650	6	0.06	<2	6	70
NPK10T024		10	<1	0.06	10	0.52	1070	2	0.03	24	660	7	0.05	<2	6	65
NPK10T026		<10	<1	0.06	10	0.33	947	3	0.03	31	610	6	0.04	<2	4	60
NPK10T028		<10	<1	0.06	10	0.33	833	4	0.03	33	630	6	0.04	<2	4	67
NPK10T030		<10	<1	0.07	10	0.47	653	1	0.03	14	1050	8	<0.01	<2	4	19
NPK10T032		<10	<1	0.07	10	0.34	1005	3	0.03	27	770	7	0.07	2	5	78



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Sample Description	Method Analyte Units LOR	ME- ICP41						
		Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
MGK10T020		<20	0.04	<10	<10	40	<10	86
MGK10T022		<20	0.05	<10	<10	44	<10	84
MGK10T024		<20	0.04	<10	<10	43	<10	90
MGK10T026		<20	0.04	<10	<10	37	<10	73
MGK10T028		<20	0.04	<10	<10	42	<10	79
MGK10T030		<20	0.07	<10	<10	76	<10	77
MGK10T032		<20	0.03	<10	<10	46	<10	102
MGK10T034		<20	0.03	<10	<10	44	<10	96
MGK10T036		<20	0.03	<10	<10	43	<10	95
MGK10T038		<20	0.03	<10	<10	41	<10	88
MGK10T040		<20	0.03	<10	<10	44	<10	100
MGK10T042		<20	0.03	<10	<10	40	<10	89
MGK10T044		<20	0.04	<10	<10	42	<10	82
MGK10T046		<20	0.03	<10	<10	41	<10	91
MGK10T048		<20	0.03	<10	<10	42	<10	91
MGK10T050		<20	0.02	<10	<10	54	<10	125
MGK10T052		<20	0.02	<10	<10	54	<10	125
MGK10T054		<20	0.03	<10	<10	56	<10	116
MGK10T056		<20	0.03	<10	<10	54	<10	118
MGK10T058		<20	0.03	<10	<10	56	<10	112
MGK10T060		<20	0.07	<10	<10	71	<10	60
MGK10T062		<20	0.05	<10	<10	61	<10	114
MGK10T064		<20	0.04	<10	<10	57	<10	119
MGK10T066		<20	0.08	<10	<10	74	<10	111
NPK10T002		<20	0.03	<10	<10	38	<10	278
NPK10T004		<20	0.04	<10	<10	49	<10	168
NPK10T006		<20	0.05	<10	<10	50	<10	138
NPK10T008		<20	0.06	<10	<10	51	<10	143
NPK10T010		<20	0.06	<10	<10	53	<10	133
NPK10T012		<20	0.06	<10	<10	53	<10	133
NPK10T014		<20	0.05	<10	<10	51	<10	130
NPK10T016		<20	0.06	<10	<10	59	<10	144
NPK10T018		<20	0.05	<10	<10	54	<10	118
NPK10T020		<20	0.05	<10	<10	54	<10	108
NPK10T022		<20	0.05	<10	<10	51	<10	106
NPK10T024		<20	0.05	<10	<10	49	<10	112
NPK10T026		<20	0.02	<10	<10	35	<10	120
NPK10T028		<20	0.02	<10	<10	34	<10	130
NPK10T030		<20	0.07	<10	<10	73	<10	79
NPK10T032		<20	0.03	<10	<10	40	<10	98



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CERTIFICATE OF ANALYSIS VA10117971

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA23 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
NPK10T034		0.40	<0.005	0.4	1.38	12	<10	140	0.5	<2	1.62	1.3	9	20	37	2.42
NPK10T036		0.50	0.005	0.3	1.53	22	<10	170	0.5	<2	2.03	1.8	10	22	46	2.67
NPK10T038		0.52	<0.005	0.7	1.38	14	<10	130	0.5	<2	1.76	1.7	8	21	49	2.30
NPK10T040		0.62	<0.005	0.6	1.65	20	<10	130	0.5	<2	1.42	1.4	9	22	52	2.75
NPK10T042		0.56	<0.005	0.4	1.81	29	<10	150	0.5	<2	1.36	1.7	9	20	44	3.15
NPK10T044		0.44	<0.005	0.3	1.68	24	<10	130	0.5	<2	1.33	1.2	9	19	39	2.90
NPK10T046		0.54	0.035	0.3	1.77	29	<10	150	0.5	<2	1.18	2.0	12	20	42	3.35
NPK10T048		0.60	0.005	0.3	2.06	36	<10	200	0.6	<2	1.20	2.2	12	18	43	4.13
NPK10T050		0.52	0.005	0.8	2.20	18	<10	320	0.7	<2	1.56	4.3	11	24	46	3.76
NPK10T052		0.48	<0.005	<0.2	1.46	37	<10	310	<0.5	<2	0.79	1.2	17	25	28	4.57
NPK10T054		0.38	<0.005	<0.2	1.63	44	<10	620	<0.5	<2	1.13	2.1	18	23	25	5.68
NPK10T056		0.48	<0.005	0.3	1.74	32	<10	360	0.5	<2	0.92	1.5	16	26	25	4.21
NPK10T058		0.42	<0.005	0.3	1.72	25	<10	210	0.5	<2	0.76	0.8	12	28	26	3.34
NPK10T060		0.74	<0.005	<0.2	1.91	14	<10	180	0.5	<2	0.33	<0.5	11	13	15	3.92
NPK10T062		0.50	<0.005	<0.2	1.68	34	<10	210	<0.5	<2	0.82	0.9	12	27	25	3.82
NPK10T064		0.36	<0.005	0.2	1.45	36	<10	250	<0.5	<2	0.92	1.0	11	23	23	4.16
NPK10T066		0.62	<0.005	<0.2	1.37	30	<10	250	<0.5	<2	0.89	1.0	12	23	24	4.04
NPK10T068		0.58	0.005	<0.2	1.38	38	<10	340	<0.5	<2	1.04	1.4	13	23	22	4.81
NPK10T070		0.48	<0.005	0.2	1.35	35	<10	310	<0.5	<2	1.04	1.4	12	22	22	4.29
NPK10T072		0.58	<0.005	0.2	1.29	30	<10	240	<0.5	<2	0.81	1.1	12	22	21	3.76
NPK10T074		0.58	<0.005	0.3	1.42	34	<10	240	<0.5	<2	1.13	1.5	12	23	28	4.19
NPK10T076		0.58	0.005	<0.2	1.39	29	<10	230	<0.5	<2	0.88	1.3	12	22	24	3.79
NPK10T078		0.58	0.013	<0.2	1.31	30	<10	240	0.5	<2	0.80	1.4	13	23	32	4.30
NPK10T080		0.58	<0.005	<0.2	0.96	27	<10	180	0.5	<2	0.76	1.1	11	15	29	3.89
NPK10T082		0.66	0.018	<0.2	1.19	25	<10	210	<0.5	<2	0.86	1.1	11	19	25	3.88
NPK10T084		0.50	<0.005	<0.2	1.10	32	<10	230	0.5	<2	0.84	1.1	11	18	30	4.05
NPK10T086		0.56	<0.005	<0.2	1.01	45	<10	230	0.5	<2	0.85	1.1	13	16	45	4.33
NPK10T088		0.42	0.006	<0.2	1.22	35	<10	210	<0.5	<2	0.91	0.8	12	24	30	3.65
NPK10T090		0.70	<0.005	<0.2	1.90	14	<10	180	0.5	<2	0.33	<0.5	11	13	16	3.88
NPK10T092		0.52	<0.005	<0.2	1.31	26	<10	150	<0.5	<2	0.72	0.6	12	21	27	3.22
NPK10T094		0.52	<0.005	<0.2	1.16	23	<10	130	<0.5	<2	0.65	0.6	10	19	23	2.98
NPK10T096		0.54	<0.005	0.3	1.49	19	<10	150	0.5	<2	0.92	1.1	16	26	41	2.98
NPK10T098		0.42	<0.005	1.0	1.39	8	<10	170	0.5	<2	2.06	1.8	8	25	50	2.07
NPK10T100		0.46	0.215	0.5	1.43	11	<10	160	<0.5	<2	1.36	1.5	10	23	35	2.72
NPK10T102		0.60	<0.005	0.3	1.34	16	<10	160	<0.5	<2	0.79	1.9	12	22	26	3.35
NPK10T104		0.58	<0.005	0.3	1.44	19	<10	200	0.5	<2	1.19	2.5	13	21	32	3.66
NPK10T106		0.62	0.013	0.3	1.42	13	<10	180	0.5	<2	1.17	2.1	11	23	33	3.30
NPK10T108		0.56	0.007	0.7	1.82	21	<10	210	0.6	<2	1.48	2.3	11	27	47	3.23
NPK10T110		0.50	<0.005	<0.2	1.64	27	<10	270	0.6	<2	0.80	2.8	16	25	34	4.73
NPK10T112		0.66	<0.005	1.0	1.56	12	<10	190	<0.5	<2	0.72	1.3	9	23	26	3.12



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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte Units LOR	Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
NPK10T034		<10	<1	0.06	10	0.36	895	2	0.03	27	800	6	0.07	<2	5	77
NPK10T036		<10	<1	0.07	10	0.41	1325	3	0.03	31	880	6	0.08	<2	5	96
NPK10T038		<10	<1	0.07	10	0.38	726	2	0.03	29	910	6	0.08	<2	5	80
NPK10T040		<10	<1	0.07	10	0.43	819	3	0.03	35	1050	11	0.10	<2	5	69
NPK10T042		<10	<1	0.07	10	0.54	1310	3	0.03	32	960	9	0.08	<2	6	70
NPK10T044		10	<1	0.06	10	0.52	1170	3	0.03	28	880	7	0.08	<2	5	65
NPK10T046		<10	<1	0.07	10	0.54	1995	4	0.03	34	970	7	0.08	<2	6	42
NPK10T048		<10	<1	0.07	20	0.69	2750	4	0.03	31	1060	9	0.08	<2	7	70
NPK10T050		<10	<1	0.08	20	0.41	5550	10	0.03	50	1390	8	0.13	<2	7	108
NPK10T052		<10	<1	0.06	10	0.46	8420	6	0.03	39	900	10	0.05	<2	5	72
NPK10T054		<10	<1	0.06	10	0.43	16900	20	0.03	41	990	6	0.08	<2	5	112
NPK10T056		<10	<1	0.05	10	0.45	11200	4	0.03	39	1000	8	0.09	<2	5	79
NPK10T058		<10	<1	0.05	10	0.51	2300	4	0.03	37	830	6	0.07	<2	6	60
NPK10T060		<10	<1	0.08	10	0.46	633	<1	0.02	14	1170	8	0.01	<2	5	20
NPK10T062		<10	<1	0.05	10	0.50	2230	3	0.03	35	900	6	0.08	<2	6	60
NPK10T064		<10	<1	0.05	10	0.44	4630	4	0.03	33	890	5	0.08	<2	5	74
NPK10T066		<10	<1	0.06	10	0.46	5530	3	0.03	34	840	6	0.07	<2	5	75
NPK10T068		<10	<1	0.05	10	0.42	8630	4	0.03	34	900	5	0.08	<2	5	93
NPK10T070		<10	<1	0.05	10	0.42	6980	4	0.03	33	860	5	0.08	<2	4	89
NPK10T072		<10	<1	0.05	10	0.44	4760	3	0.03	32	770	5	0.07	<2	4	65
NPK10T074		<10	<1	0.06	10	0.45	3850	4	0.03	34	910	6	0.12	<2	5	88
NPK10T076		<10	<1	0.05	10	0.46	4220	3	0.03	33	830	5	0.12	3	5	72
NPK10T078		<10	<1	0.07	10	0.54	3540	5	0.03	35	800	7	0.11	3	6	63
NPK10T080		<10	<1	0.08	10	0.40	2530	4	0.03	31	740	7	0.23	<2	8	59
NPK10T082		<10	<1	0.06	10	0.43	3200	3	0.03	31	800	7	0.15	<2	6	66
NPK10T084		<10	<1	0.07	10	0.39	3320	3	0.03	30	810	9	0.16	2	6	66
NPK10T086		<10	<1	0.07	10	0.38	2740	3	0.03	31	790	10	0.15	11	6	64
NPK10T088		<10	<1	0.06	10	0.48	1710	2	0.03	31	830	7	0.09	<2	6	64
NPK10T090		10	<1	0.08	10	0.46	602	1	0.02	12	1140	7	0.01	<2	5	20
NPK10T092		<10	<1	0.06	10	0.44	1145	2	0.03	29	740	5	0.04	<2	6	52
NPK10T094		<10	<1	0.05	10	0.42	1070	2	0.03	24	720	5	0.05	2	5	45
NPK10T096		<10	<1	0.06	10	0.46	2000	4	0.03	40	950	8	0.12	<2	6	78
NPK10T098		<10	1	0.05	10	0.40	1260	2	0.04	30	1380	4	0.31	<2	6	168
NPK10T100		<10	<1	0.06	10	0.45	1535	3	0.03	37	1180	6	0.16	<2	5	117
NPK10T102		<10	<1	0.07	10	0.48	2170	7	0.03	41	880	7	0.07	<2	5	67
NPK10T104		<10	<1	0.07	10	0.44	2780	8	0.03	41	1080	7	0.11	<2	6	104
NPK10T106		<10	<1	0.07	10	0.45	2040	6	0.03	40	1050	6	0.11	2	5	95
NPK10T108		10	<1	0.09	10	0.47	1600	5	0.03	44	1180	7	0.13	<2	7	113
NPK10T110		<10	<1	0.08	10	0.49	3560	9	0.03	48	860	6	0.05	<2	6	69
NPK10T112		<10	<1	0.07	10	0.51	1410	4	0.01	37	740	8	0.04	3	6	56



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Sample Description	Method Analyte Units LOR	ME- ICP41						
		Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
NPK10T034		<20	0.03	<10	<10	38	<10	95
NPK10T036		<20	0.03	<10	<10	42	<10	104
NPK10T038		<20	0.03	<10	<10	37	<10	98
NPK10T040		<20	0.03	<10	<10	45	<10	121
NPK10T042		<20	0.03	<10	<10	53	<10	129
NPK10T044		<20	0.03	<10	<10	49	<10	118
NPK10T046		<20	0.04	<10	<10	56	<10	133
NPK10T048		<20	0.04	<10	<10	68	<10	145
NPK10T050		<20	0.02	<10	<10	43	<10	219
NPK10T052		<20	0.04	<10	<10	47	<10	132
NPK10T054		<20	0.02	<10	<10	41	<10	138
NPK10T056		<20	0.03	<10	<10	42	<10	144
NPK10T058		<20	0.03	<10	<10	47	<10	109
NPK10T060		<20	0.07	<10	<10	78	<10	89
NPK10T062		<20	0.03	<10	<10	45	<10	108
NPK10T064		<20	0.03	<10	<10	40	<10	107
NPK10T066		<20	0.04	<10	<10	46	<10	106
NPK10T068		<20	0.03	<10	<10	44	<10	110
NPK10T070		<20	0.03	<10	<10	42	<10	105
NPK10T072		<20	0.03	<10	<10	42	<10	105
NPK10T074		<20	0.03	<10	<10	46	<10	132
NPK10T076		<20	0.03	<10	<10	45	<10	120
NPK10T078		<20	0.03	<10	<10	49	<10	138
NPK10T080		<20	0.01	<10	<10	36	<10	135
NPK10T082		<20	0.02	<10	<10	40	<10	125
NPK10T084		<20	0.02	<10	<10	39	<10	127
NPK10T086		<20	0.02	<10	<10	39	<10	135
NPK10T088		<20	0.03	<10	<10	48	<10	113
NPK10T090		<20	0.07	<10	<10	76	<10	88
NPK10T092		<20	0.03	<10	<10	47	<10	104
NPK10T094		<20	0.04	<10	<10	46	<10	94
NPK10T096		<20	0.04	<10	<10	45	<10	166
NPK10T098		<20	0.01	<10	<10	28	<10	114
NPK10T100		<20	0.02	<10	<10	34	<10	169
NPK10T102		<20	0.02	<10	<10	45	<10	165
NPK10T104		<20	0.02	<10	<10	42	<10	175
NPK10T106		<20	0.02	<10	<10	41	<10	175
NPK10T108		<20	0.02	<10	<10	40	<10	187
NPK10T110		<20	0.02	<10	<10	47	<10	179
NPK10T112		<20	0.02	<10	<10	42	<10	142



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA23 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
NPK10T114		0.46	<0.005	0.5	1.75	19	<10	200	0.5	<2	0.78	1.5	10	25	31	3.41
NPK10T116		0.68	<0.005	0.4	1.70	14	<10	200	0.5	<2	0.83	1.7	9	24	29	3.17
NPK10T118		0.50	0.012	0.5	1.79	30	<10	280	0.6	<2	1.01	2.8	11	23	36	3.91
NPK10T120		0.62	<0.005	<0.2	1.87	15	<10	210	0.5	<2	0.33	<0.5	9	13	16	3.96
NPK10T122		0.68	<0.005	0.2	1.73	23	<10	210	0.5	<2	0.78	1.9	11	24	28	3.96
IOK10T002		0.60	0.136	0.3	1.59	23	<10	190	<0.5	<2	0.92	2.1	10	13	27	4.06
IOK10T004		0.54	<0.005	0.3	1.49	11	<10	170	<0.5	<2	0.88	2.6	9	13	26	3.55
IOK10T006		0.44	<0.005	0.2	1.41	11	<10	170	<0.5	<2	1.01	1.6	8	14	22	3.59
IOK10T008		0.38	<0.005	0.4	1.49	11	<10	220	<0.5	<2	1.18	2.4	9	14	25	3.47
IOK10T010		0.44	<0.005	0.3	1.49	4	<10	140	<0.5	<2	1.06	1.7	6	16	25	2.37
IOK10T012		0.64	0.010	0.4	1.54	15	<10	200	0.5	<2	1.28	2.6	10	14	33	3.61
IOK10T014		0.56	<0.005	0.3	1.52	14	<10	210	0.5	<2	1.09	2.6	11	14	36	3.80
IOK10T016		0.78	<0.005	0.2	1.49	16	<10	260	0.5	<2	1.08	3.1	12	14	30	4.26
IOK10T018		0.44	<0.005	0.6	1.66	23	<10	230	0.5	<2	1.29	2.5	10	18	36	3.67
IOK10T020		0.46	<0.005	0.5	1.94	12	<10	220	0.6	<2	1.45	1.6	9	20	37	3.42
IOK10T022		0.56	<0.005	0.4	1.78	17	<10	220	0.5	<2	1.40	2.1	9	18	35	3.47
IOK10T024		0.48	<0.005	0.4	1.70	15	<10	190	0.5	<2	1.20	1.7	9	17	30	3.38
IOK10T026		0.44	<0.005	0.5	1.88	19	<10	250	0.6	<2	1.44	2.3	11	18	38	3.70



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		Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
NPK10T114		<10	<1	0.07	10	0.50	1360	4	0.01	39	800	4	0.05	2	7	60
NPK10T116		<10	1	0.07	10	0.49	1410	4	0.01	38	790	4	0.06	7	6	65
NPK10T118		<10	1	0.08	10	0.48	3410	8	0.01	45	910	4	0.07	4	7	78
NPK10T120		<10	<1	0.08	10	0.47	614	1	0.01	12	1140	6	0.01	4	5	20
NPK10T122		<10	1	0.07	10	0.53	1740	6	0.01	40	810	5	0.05	<2	6	60
IOK10T002		<10	<1	0.05	10	0.60	3120	5	0.01	23	910	5	0.07	2	5	63
IOK10T004		<10	<1	0.05	10	0.55	2600	4	0.01	23	860	3	0.08	5	5	65
IOK10T006		<10	1	0.05	10	0.50	2460	5	0.01	21	830	4	0.09	3	4	68
IOK10T008		<10	1	0.05	10	0.48	3520	4	0.01	23	830	2	0.10	2	5	82
IOK10T010		<10	1	0.05	10	0.49	625	3	0.01	22	850	2	0.19	2	5	64
IOK10T012		10	2	0.06	10	0.49	2720	4	0.01	23	1040	5	0.12	4	6	85
IOK10T014		<10	1	0.06	10	0.48	2540	4	0.01	24	940	6	0.09	4	6	69
IOK10T016		<10	<1	0.07	10	0.51	3690	6	0.02	25	930	5	0.08	3	5	70
IOK10T018		<10	1	0.07	10	0.48	2490	4	0.02	29	940	4	0.10	4	6	88
IOK10T020		<10	1	0.07	10	0.49	1480	4	0.02	28	700	4	0.07	3	7	94
IOK10T022		<10	1	0.07	10	0.50	2000	4	0.02	28	760	5	0.08	2	6	91
IOK10T024		<10	<1	0.06	10	0.51	1550	3	0.02	25	610	5	0.07	3	6	77
IOK10T026		10	1	0.07	10	0.53	2450	4	0.02	28	780	5	0.08	<2	6	93



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 Account: KGOLCO

CERTIFICATE OF ANALYSIS VA10117971

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th ppm 20	Ti % 0.01	Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
NPK10T114		<20	0.02	<10	<10	45	<10	142
NPK10T116		<20	0.02	<10	<10	41	<10	143
NPK10T118		<20	0.02	<10	<10	45	<10	172
NPK10T120		<20	0.07	<10	<10	78	<10	88
NPK10T122		<20	0.02	<10	<10	49	<10	161
IOK10T002		<20	0.03	<10	<10	53	<10	171
IOK10T004		<20	0.02	<10	<10	49	<10	169
IOK10T006		<20	0.03	<10	<10	44	<10	143
IOK10T008		<20	0.02	<10	<10	44	<10	151
IOK10T010		<20	0.03	<10	<10	41	<10	138
IOK10T012		<20	0.02	<10	<10	49	<10	150
IOK10T014		<20	0.05	<10	<10	45	<10	145
IOK10T016		<20	0.05	<10	<10	47	<10	164
IOK10T018		<20	0.03	<10	<10	48	<10	163
IOK10T020		<20	0.03	<10	<10	52	<10	129
IOK10T022		<20	0.04	<10	<10	50	<10	135
IOK10T024		<20	0.04	<10	<10	51	<10	128
IOK10T026		<20	0.04	<10	<10	52	<10	135



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Finalized Date: 4- SEP- 2010
Account: KGOLCO

CERTIFICATE VA10117972

Project: Knewstubb

P.O. No.:

This report is for 8 Rock samples submitted to our lab in Vancouver, BC, Canada on 24- AUG- 2010.

The following have access to data associated with this certificate:

CHARLES GREIG

AL KIRKHAM

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Au- AA23	Au 30g FA- AA finish	AAS

To: KINROSS GOLD CORPORATION
ATTN: AL KIRKHAM
5370 KIETZKE LANE #102
RENO NV 89511

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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Project: Knewstubb

CERTIFICATE OF ANALYSIS VA10117972

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA23	ME- ICP41												
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
MGK10R001		0.88	<0.005	0.3	0.77	207	<10	150	0.5	<2	7.5	<0.5	20	31	41	4.85
MGK10R002		0.48	<0.005	0.3	0.83	40	<10	80	0.5	<2	4.84	<0.5	15	20	102	4.59
MGK10R003		0.90	0.015	0.2	3.68	29	<10	100	0.6	<2	3.93	<0.5	13	3	86	5.84
MGK10R004		1.18	<0.005	<0.2	2.34	9	<10	90	0.5	<2	1.45	<0.5	9	12	71	3.84
NHK10R005		0.36	<0.005	<0.2	0.12	2	<10	40	<0.5	<2	1.82	<0.5	2	6	2	0.77
NHK10R008		0.88	<0.005	0.2	2.71	12	<10	90	<0.5	<2	2.08	<0.5	8	6	17	4.26
NPK10R009		1.00	<0.005	1.3	0.52	154	<10	140	0.8	<2	7.1	1.3	24	31	1195	4.74
JOK10R001		0.52	<0.005	0.3	2.20	5	<10	70	<0.5	<2	1.50	<0.5	14	29	40	4.91



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 Account: KGOLCO

Project: Knewstubb

CERTIFICATE OF ANALYSIS VA10117972

Sample Description	Method Analyte Units LOR	ME- ICP41														
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
MGK10R001		<10	<1	0.26	10	0.30	1265	2	0.04	54	1350	7	0.04	20	11	64
MGK10R002		<10	<1	0.31	10	1.92	1040	1	0.05	19	2070	8	0.02	57	14	305
MGK10R003		<10	<1	0.16	10	0.82	539	10	0.16	1	2110	15	3.52	<2	12	80
MGK10R004		10	<1	0.24	10	1.05	493	4	0.17	4	1030	9	2.43	<2	8	77
NHK10R005		<10	<1	0.02	<10	0.03	731	<1	0.01	2	170	<2	0.02	<2	<1	143
NHK10R008		10	<1	0.18	<10	0.99	811	1	0.05	1	530	7	1.53	<2	8	39
NPK10R009		<10	1	0.35	<10	2.66	1175	1	0.03	77	710	3	0.06	597	21	442
JOK10R001		10	<1	0.09	<10	1.10	775	<1	0.09	6	900	8	2.70	<2	18	16



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CERTIFICATE OF ANALYSIS VA10117972

Sample Description	Method Analyte Units LOR	ME- ICP41						
		Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
MGK10R001		<20	<0.01	<10	<10	41	<10	83
MGK10R002		<20	<0.01	<10	<10	44	<10	57
MGK10R003		<20	0.23	<10	<10	74	<10	131
MGK10R004		<20	0.19	<10	<10	58	<10	68
NHK10R005		<20	0.01	<10	<10	6	<10	30
NHK10R008		<20	0.21	<10	<10	100	<10	80
NPK10R009		<20	<0.01	<10	<10	30	<10	195
JOK10R001		<20	0.38	<10	<10	181	<10	64