

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

**ASSESSMENT REPORT
TITLE PAGE AND SUMMARY**

| | |
|--|--------------------------------|
| TITLE OF REPORT [type of survey(s)] <i>DIAMOND DRILLING</i> | TOTAL COST <i>233775.91</i> |
|--|--------------------------------|

AUTHOR(S) *BERNHARDT AUGSTEN* SIGNATURE(S) *Craig Kennedy for Bernhardt Augsten*

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) *MX-5-662* YEAR OF WORK *2009*

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) *4791459 Sept 9, 2010*

PROPERTY NAME *ROSETTA STONE*

CLAIM NAME(S) (on which work was done) *538605, 543592*

COMMODITIES SOUGHT *GOLD*

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

MINING DIVISION _____ NTS _____

LATITUDE *56 ° 06.009' NORTH* " LONGITUDE *117 ° 41.948' WEST* " (at centre of work)

OWNER(S)

1) *KOOTENAY GOLD INC.* 2) _____

MAILING ADDRESS

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

OPERATOR(S) [who paid for the work]

1) *THEIA RES. LTD* 2) _____

MAILING ADDRESS

~~THE~~ *SUITE 920 - 1055 W. HASTINGS ST.
VANCOUVER B.C. V6E-2E9*

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

*Triassic volcanic and sediment rocks are intruded by Cretaceous and Jurassic
plutons. Silicified breccia structural zones host gold mineralization associated
with sparse iron sulphides.*

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS **12,375, *13,797, *18,444
*29,386, *30,307, *30,771*

| TYPE OF WORK IN THIS REPORT | EXTENT OF WORK (IN METRIC UNITS) | ON WHICH CLAIMS | PROJECT COSTS APPORTIONED (incl. support) |
|---|----------------------------------|-----------------------------------|---|
| GEOLOGICAL (scale, area) | | | |
| Ground, mapping _____ | | | |
| Photo interpretation _____ | | | |
| GEOPHYSICAL (line-kilometres) | | | |
| Ground | | | |
| Magnetic _____ | | | |
| Electromagnetic _____ | | | |
| Induced Polarization _____ | | | |
| Radiometric _____ | | | |
| Seismic _____ | | | |
| Other _____ | | | |
| Airborne _____ | | | |
| GEOCHEMICAL | | | |
| (number of samples analysed for ...) | | | |
| Soil _____ | | | |
| Silt _____ | | | |
| Rock _____ | | | |
| Other _____ | | | |
| DRILLING | | | |
| (total metres; number of holes, size) | | | |
| Core <u> N9, 11 Holes - 1018.93 Metres </u> | | <u> 538605, 543592 </u> | <u> 107,699.97 </u> |
| Non-core _____ | | | <u> 126,075.94 </u> |
| 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 | | | <u> 233775.91 </u> |

**2009 DIAMOND DRILLING REPORT
ON THE**

ROSETTA STONE PROPERTY

Tenure #s

**536449,538604,538605,543592,558556,558557,558558,558559,558560,
558561,558562,558563,559984,559985,559986,560562,560563,560724,
560725,560726,579415,579419,579425,579427,579430,579433,617943,
706752,706755,706762,712942,712982**

**Lat. 56° 06.009' North
Long. 117° 41.948' West
Trim Map #: 082K.002, 082K.012
NTS: 82K/04**

**KOOTENAY GOLD INC.
Suite 920 - 1055 W. Hastings St.
Vancouver, BC
V6E 2E9**

**By: Bernhardt Augsten P.Geol
November, 2010**

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INTRODUCTION

In late September of 2009, Kootenay Gold Inc. conducted a diamond drill program on their Rosetta Stone property. The company completed an eleven hole program totalling 1018.93 metres. Drilling occurred on tenures #543592 and #538905. Three principal targets were investigated by drilling, termed the 'Creek' zone, the 'Road' zone and the 'Skid Trail' zone. This report summarizes the drilling and results thereof.

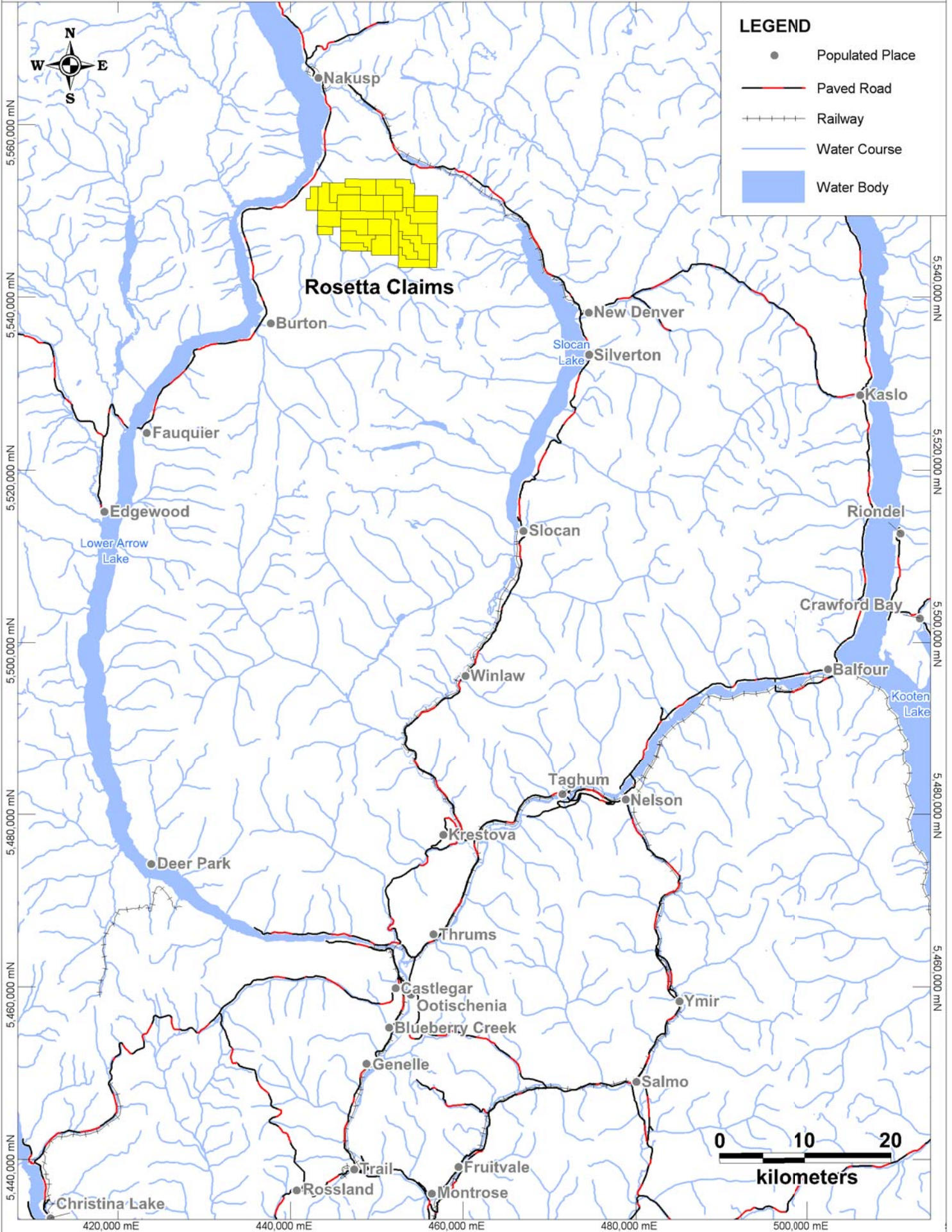
LOCATION, ACCESS AND PHYSIOGRAPHY

The Rosetta Stone property and more specifically area of current drilling is located approximately 24 km southeast of the town of Nakusp, British Columbia,(See Fig.1). Three major drainages transect the property, McDonald Creek(Slewiskin) to the north, Caribou Creek to the south and Shannon Creek to the east. These creek valleys also serve as the principal transportation corridors into the area with, for the most part, well-maintained logging roads. Four wheel drive vehicles are always recommended in this country.

McDonald Creek(Slewiskin) is accessed via BC Highway #6, 12 km south of Nakusp. This road provides access to the western and northwestern parts of the property. The eastern part of the property is accessed via Bonanza Rd located approximately 15 km northwest of New Denver on BC Highway #6. Bonanza Road becomes the Shannon Creek Forest Service Road. The drill area is approximately 19km up Shannon Creek FSR.

Topography on the property would be considered rugged. It is part of both the Ruby Range and Vallhalla Ranges of the Selkirk Mountains. Total relief on the property is on the order of 1780 metres with maximum elevation of about 2387 metres attained at Silver Mountain. The lower elevations are heavily forested with Western Cedar, Hemlock, Douglas Fir and Western Larch. Higher elevations are covered in Balsam Fir and Spruce. The area has been extensively logged with younger growth of the same species growing in cutblocks.

ROSETTA PROPERTY: LOCATION MAP



CLAIM STATUS

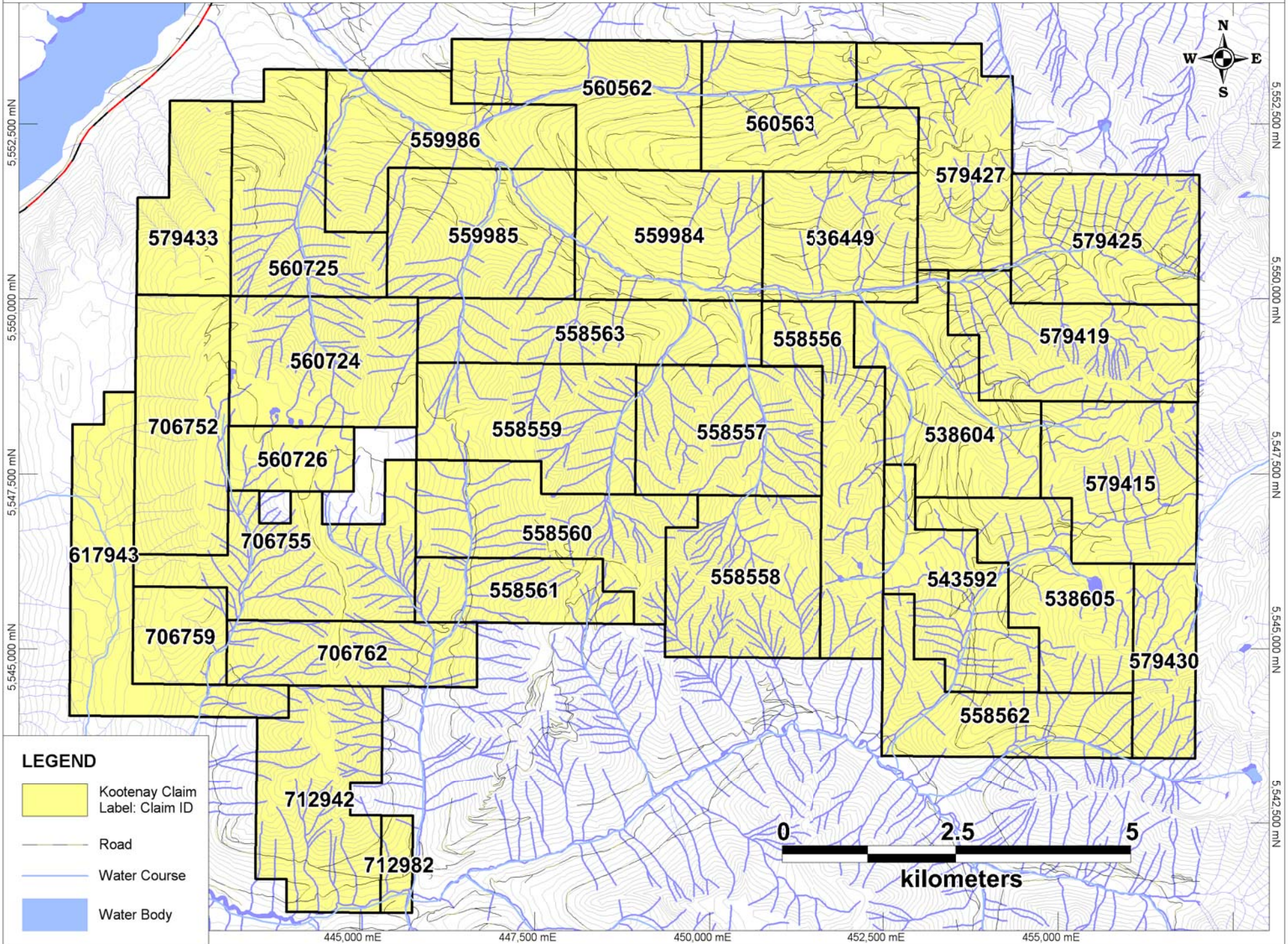
The Rosetta Stone property currently consists of thirty-three claims registered in the name of Kootenay Gold Inc., (Fig. 2). Pertinent claim data are listed in Table 1 below. The property encompasses a total area of approximately 14,200 hectares.

Table 1 Claim Data

| TENURE # | CLAIM NAME | NUMBER OF Hectares | DATE OF ACQUISITION | EXPIRY DATE* |
|-----------------|-----------------------|---------------------------|----------------------------|---------------------|
| 536449 | REMAC | 414.4680 | Jun-30-2006 | Aug-9-2013 |
| 538604 | REMAC 2 | 518.3200 | Aug-03-2006 | Aug-9-2013 |
| 538605 | REMAC 3 | 456.3450 | Aug-03-2006 | Aug-9-2013 |
| 543592 | SHAN | 394.1257 | Oct-18-2006 | Aug-9-2013 |
| 558556 | REMAC 4 | 497.6563 | May-11-2007 | Aug-9-2013 |
| 558557 | REMAC 5 | 497.6036 | May-11-2007 | Aug-9-2013 |
| 558558 | REMAC 6 | 497.7887 | May-11-2007 | Aug-9-2013 |
| 558559 | REMAC 7 | 497.5908 | May-11-2007 | Aug-9-2013 |
| 558560 | REMAC 8 | 497.7150 | May-11-2007 | Aug-9-2013 |
| 558561 | REMAC 9 | 269.6427 | May-11-2007 | Aug-9-2013 |
| 558562 | REMAC 10 | 414.9927 | May-11-2007 | Aug-9-2013 |
| 558563 | REMAC 11 | 456.0265 | May-11-2007 | Aug-9-2013 |
| 559984 | MOREMAC 1 | 497.3583 | Jun-06-2007 | Aug-9-2013 |
| 559985 | MOREMAC 2 | 497.3510 | Jun-06-2007 | Aug-9-2013 |
| 559986 | MOREMAC 3 | 497.2198 | Jun-06-2007 | Aug-9-2013 |
| 560562 | NORMAC 1 | 497.1756 | Jun-13-2007 | Aug-9-2013 |
| 560563 | NORMAC 2 | 497.1962 | Jun-13-2007 | Aug-9-2013 |
| 560724 | WESTMAC 1 | 497.4936 | Jun-16-2007 | Aug-9-2013 |
| 560725 | WESTMAC 2 | 497.2888 | Jun-16-2007 | Aug-9-2013 |
| 560726 | WESTMAC 3 | 165.8688 | Jun-16-2007 | Aug-9-2013 |
| 579415 | MACEAST 1 | 476.9506 | Mar-28-2008 | Aug-9-2013 |
| 579419 | MACEAST 2 | 497.5146 | Mar-28-2008 | Aug-9-2013 |
| 579425 | MACEAST 3 | 497.3703 | Mar-28-2008 | Aug-9-2013 |
| 579427 | MACEAST 4 | 497.2474 | Mar-28-2008 | Aug-9-2013 |
| 579430 | MACEAST 5 | 248.9652 | Mar-28-2008 | Aug-9-2013 |
| 579433 | MACWEST 1 | 310.8100 | Mar-28-2008 | Aug-9-2013 |
| 617943 | LMAC | 497.7875 | Aug-11-2009 | Jan-30-2012 |
| 706752 | LUCKY GOLD TIME | 497.5705 | Feb-21-2010 | Jan-30-2012 |
| 706755 | BIG GOLD LUCKY STRIKE | 518.4796 | Feb-21-2010 | Jan-30-2012 |
| 706759 | LUCKY GOLD | 186.6918 | Feb-21-2010 | Jan-30-2012 |
| 706762 | LUCKY GOLDEN STAR | 331.9102 | Feb-21-2010 | Jan-30-2012 |
| 712942 | RS 01-10 | 518.8074 | Mar-04-2010 | Jan-30-2012 |
| 712982 | RS 02-10 | 62.2673 | Mar-04-2010 | Jan-30-2012 |

- upon acceptance of this report

ROSETTA PROPERTY: CLAIMS



EXPLORATION HISTORY

Exploration history in the area dates back to pre-1900s with the discovery of placer gold in the lower reaches of Caribou Creek. This discovery was the catalyst for further exploration in the drainage basin of Caribou Creek leading to the discovery of predominantly gold and silver bearing vein occurrences. However, the majority of modern work was stimulated by a high grade gold discovery on Tillicum Mountain in 1980. The Tillicum Mountain discovery is approximately 9km south of the Rosetta Stone property.

In 1980, local prospectors discovered high grade gold on the north side of Tillicum mountain at what was named the Heino-Money zone. Free gold occurs as disseminations and fracture-fills within and as halos to quartz-sulphide veins which occur in siliceous calc-silicate skarn-altered metavolcanic and metasedimentary rocks. The claims were optioned to Esperanza Explorations Ltd. and Welcome North Mines Ltd. in 1980. They took a bulk sample of 58 tonnes which averaged 78.8 grams/tonne gold. In the ensuing years several other companies worked the property conducting various geological, geochemical and geophysical surveys as well as trenching, diamond drilling and underground development. Several reserves of various categories were calculated, (Minfile Report#082FNW234).

One of the more significant polymetallic vein discoveries was the Millie Mack property. The Millie Mack property consists of several crown grants located near the top of Blue Grouse Mountain and is encompassed by, but not part of the Rosetta Stone property. On this property, polymetallic quartz veins carrying gold and silver are hosted by faulted graphitic schists belonging to the Triassic Slocan Group. Extensive exploration occurred here beginning in 1895 with the establishment of a group of crown grants. Several small shipments were made from the Millie Mack since 1895, (Minfile #082KSW051, Mooney, 1981).

Several other minfile occurrences are located on the Rosetta Stone property, most of which are polymetallic silver and/or gold vein occurrences.

Some of the more important exploration programs are described briefly and listed in table 2.

In 1983 Nakusp Resources undertook an extensive exploration program on their property consisting of reconnaissance soil geochemistry, stream sediment geochemistry, some mapping and geophysics. They outlined three significant gold and multi-element geochemical anomalies,(Watson & Schmidt, 1984). Two of the anomalies occur south and east of Silver Mountain on ground now covered by tenures #558557 and 558558. The third is on crown grants not owned by Kootenay Gold Inc.

In 1984, Falconbridge Ltd. optioned the Nakusp Resources ground and continued work on that large property. They undertook more detailed soil geochemistry over anomalies discovered in 1983 by Nakusp Resources and built approximately 2.5km of road and drilled 10 short holes totalling 649metres. Drilling encountered anomalous gold only, (Hicks, 1985).

In 1988 Meadow Mountain Resources Inc. undertook a small geochemical exploration program in the Windy Creek drainage. 314 soils and 6 stream sediment samples were collected, (Jenkins, 1988). A silver,lead,zinc,arsenic geochemical trend indicated exploration potential near the headwaters of Windy Creek.

In 2007 Tom Kennedy assembled the initial claims which comprise the Rosetta Stone property. The impetus for this was an initial rock sampling/prospecting program which resulted highly anomalous gold values to 21,150ppb in previously unidentified rock. These rocks were silicified breccias and stockworks within an aplitic granite, (Kennedy, 2007).

In 2008 Kootenay Gold Inc. acquired an option on the Rosetta Stone property from Tom Kennedy and commissioned a technical report by Robert Thompson on the property which included new geological mapping and interpretation, (Thompson, 2009).

In 2008 Kootenay Gold Inc. commissioned Aeroquest to conduct an airborne geophysical survey over the Rosetta Stone property. A total of 468.1 line kilometres were flown measuring both magnetic and electromagnetic response, (Rudd and Höy, 2009). The magnetic data was helpful in defining broadly the lithological units throughout the area as well as possible unrecognized structural breaks. In the southern part of the property electromagnetic anomalies define north trending linears that are interpreted to be possible faults. A large number of conductors in the northern part of the property are underlain by argillaceous rocks of the Slocan Group making interpretation difficult.

Table 2 Exploration History

| Reference | Report Year | Description of Work |
|--------------------|-------------|---|
| Assm't Rpt #12,375 | 1984 | Reconnaissance contour soil geochemistry, some stream sediment geochemistry, detailed geochemistry, geological mapping and geophysics. |
| Assm't Rpt #13,797 | 1985 | 649 metres of drilling in 10 holes; detailed contour and grid soil geochemistry, 1901 samples; some panel/trench sampling. |
| Assm't Rpt #18,444 | 1988 | 314 soils and 6 stream sediments were collected. |
| Assm't Rpt #29,386 | 2007 | 79 rock samples with high values to 21,150ppb Au over 1m chip sample. |
| Assm't Rpt #30,307 | 2009 | Technical report on the Rosetta Stone property with new property scale geological mapping and interpretation. |
| Assm't Rpt #30,771 | 2009 | Airborne Geophysical Survey on the Rosetta Stone property; A total of 468.2 line kilometres of survey were flown covering 61.6 square kilometres. Both magnetic and electromagnetic data was collected. |

REGIONAL AND PROPERTY GEOLOGY

The regional and property geology has most recently been described in detail by Thompson, (2009) and the reader is referred to this reference for a more indepth description of the geology.

The region was perhaps most comprehensively mapped by the Geological Survey of Canada in 1961 and 1962 and compiled in a report with coloured maps by Hyndman (1968).

The Rosetta Stone property is located in the Selkirk Mountains, part of the southern Omineca morphogeological belt.

The oldest stratified rocks on the Rosetta property are amphibolites, pelitic schists and calc-silicate metasedimentary rocks of the unsubdivided Milford Group which spans Pennsylvannian to Triassic time.

The Rosetta stone property is located predominantly within an east west trending belt of Triassic metasedimentary and metavolcanic rocks which is truncated to the west at

Arrow Lakes and extends eastward to Kaslo. To the west of this belt is the Shuswap metamorphic core complex – an exhumed package of high grade metamorphic rocks. The Triassic rocks are intruded by Jurassic and Cretaceous igneous intrusions. To the north of the belt is the Cretaceous Kuskonox batholith. The current exploration program focused on gold-bearing hydrothermal breccias and veins hosted by the Cretaceous Shannon Lake granite. Most drilling occurred within this intrusive at or near the contact with fine grained argillaceous metasedimentary rocks.

DIAMOND DRILLING

Kootenay Gold Inc drilled 1018.93 metres in eleven (11) holes. Core size was NQ. Drill hole locations are shown in Figure 3. Table 3 lists the relevant drill data. Figures 7 thru 13 illustrate the relevant drill sections with gold values.

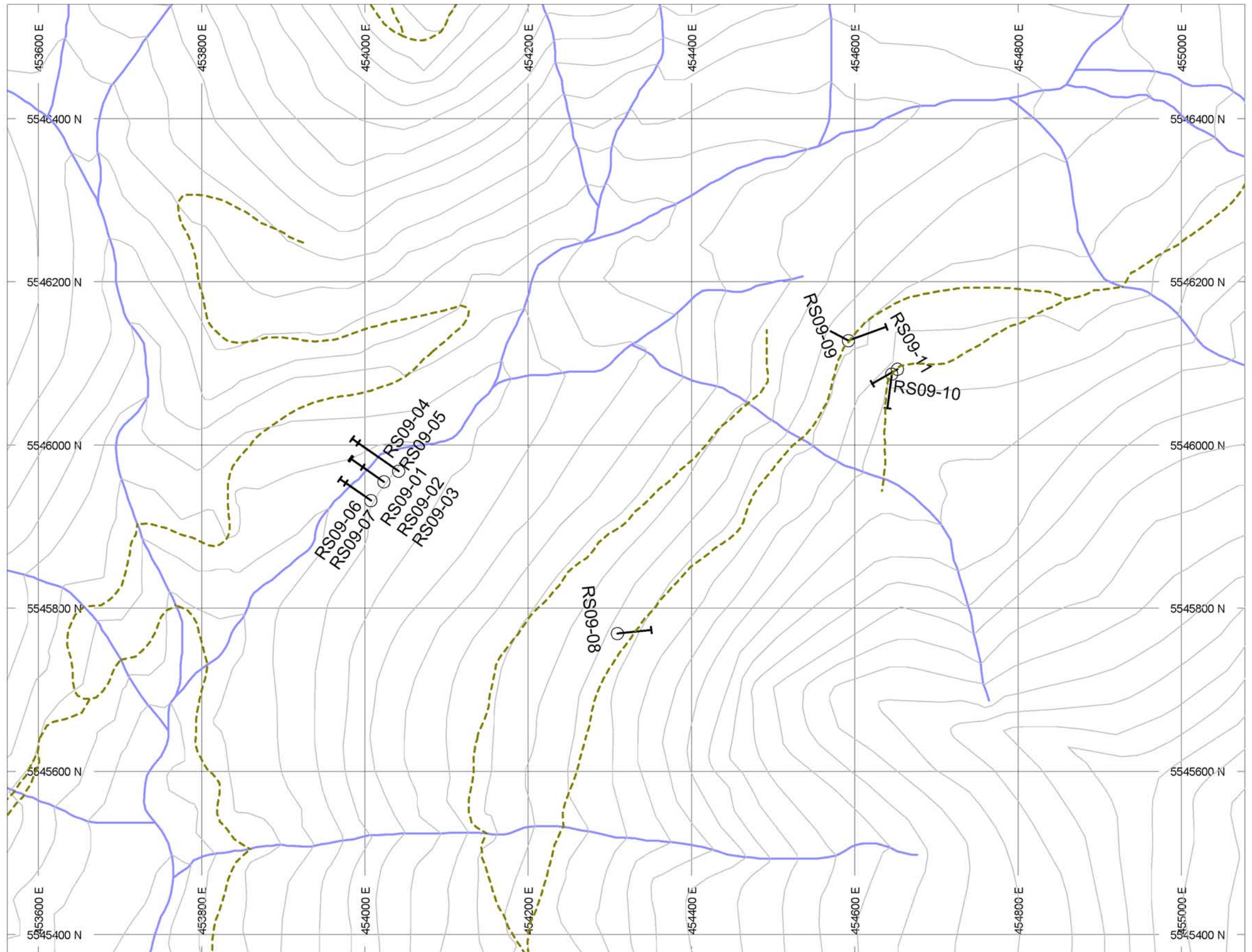
Table 3 Drill Hole Data

| HOLE_ID | UTM EAST | UTM NORTH | ELEV_m | AZIMUTH | INCL | DEPTH(m) | TARGET AREA |
|---------|----------|-----------|--------|---------|------|----------|-------------|
| RS09-1 | 454023 | 5545955 | 1619 | 305 | -46 | 72.54 | Creek Zone |
| RS09-2 | 454023 | 5545955 | 1619 | 305 | -65 | 115.21 | Creek Zone |
| RS09-3 | 454023 | 5545955 | 1619 | 305 | -80 | 181.66 | Creek Zone |
| RS09-4 | 454041 | 5545968 | 1624 | 305 | -46 | 99.97 | Creek Zone |
| RS09-5 | 454041 | 5545968 | 1624 | 305 | -65 | 142.65 | Creek Zone |
| RS09-6 | 454007 | 5545932 | 1618 | 305 | -46 | 54.25 | Creek Zone |
| RS09-7 | 454007 | 5545932 | 1618 | 305 | -65 | 109.12 | Creek Zone |
| RS09-8 | 454309 | 5545769 | 1772 | 84 | -46 | 60.35 | Road 1 |
| RS09-9 | 454592 | 5546128 | 1798 | 70 | -46 | 71.32 | Road 2 |
| RS09-10 | 454645 | 5546087 | 1835 | 187 | -46 | 60.65 | Skidtrail |
| RS09-11 | 454652 | 5546093 | 1835 | 240 | -46 | 51.21 | Skidtrail |

METHODOLOGY

Ridgeline Diamond Drilling of Smithers British Columbia was used as the drill contractor. They utilized a skid-mounted Hydracore 1000 coring rig with an enclosed shack and separate skid mounted rod sloop. Water was sourced from nearby streams and pumped to the drill. All drill core was transported to the company core shack in Castlegar by the project geologist.

Drill collar locations were determined using a Garmin GPSmap 60Cx GPS receiver.



HOLES PLOTTED

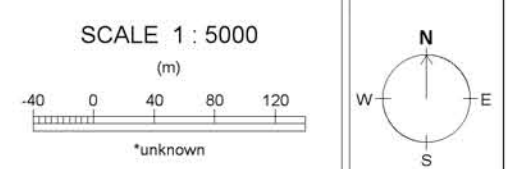
TOTAL 11

- | | | | |
|---------|---------|---------|---------|
| RS09-01 | RS09-02 | RS09-03 | RS09-04 |
| RS09-05 | RS09-06 | RS09-07 | RS09-08 |
| RS09-09 | RS09-10 | RS09-11 | |

- - - - - Road
- Stream

PLAN SPECS:

REF. PT. E, N 454300 m 5546000 m
 EXTENTS 1516 m 1165 m



**Rosetta Property
 Drill Hole Plan**

SAMPLING METHODS

The following sampling protocol was utilized for the sampling of the 2007 diamond drill core.

- i. Boreholes were sampled selectively. In higher 'grade' mineralized intervals, sample intervals were tied to visual estimates of the percentage of sulphides with the sample intervals attempting to reflect changes in sulphide contents.
- ii. Weakly mineralized intervals were sampled using a 2m sample width. Sample intervals were also tied to geological contacts with sample intervals beginning and ending at geological contacts.
- iii. A QA/QC program was established with the insertion of blanks, duplicates and mineralized standards into the sample sequence.
- iv. All core samples were half core samples and were split mechanically.
- v. All core was split, sampled and shipped to Westarm Trucking by employees or contractors of Kootenay Gold Inc. Westarm Trucking delivered the samples to Acme labs in Vancouver.
- vi. The position of all core samples is indicated by tags stapled to the boxes at the sample interval points.
- vii. All of the samples are viewed as representative.
- viii. All core boxes are labelled with an aluminum tag with the borehole number, box number and the meterage.

All drill core collected during this program was accurately geologically logged but geotechnical logging was not undertaken. Core recoveries were measured however. Geological logs are tabulated in Appendix I.

ANALYTICAL METHODS

Acme Analytical Laboratories of Vancouver, BC performed all analyses on the drill core. Acme is an ISO 9000 registrant complying with international guidelines for quality assurance and quality control.

All core samples were first crushed to 80% passing 10 mesh (2mm). This is homogenized, riffle split and a 250 gram subsample is taken. This subsample is pulverized to 85% passing 200mesh (75microns).

From this a 0.5 gram split of the pulverized material was leached in hot (95°C) Aqua Regia and the leachate was analyzed by ICP-MS for 36 elements.

Gold analyses were rerun using a 30 gram split (1 assay ton), that was fused using a fire assay fusion with an ICP-ES finish. These gold results were presented as grams/tonne with a detection limit of 0.01 gm/tonne. Some concern was raised regarding the possibility of the presence of coarser gold and most of the samples, except for 23, were rerun using a metallic screen fire assay.

Analytical results and assay certificates for the 2009 drill program are compiled in Appendix III.

LITHOLOGICAL AND ALTERATION DESCRIPTIONS

Lithological and alteration descriptions are extracted from the drill logs which can be seen in Appendix I.

Shannon Lake Granite (Cretaceous)

This is a fine to medium grained, hypidiomorphic, massive granite, beige to pale red in colour. The unit hosts the epithermal breccias and veins as seen in drilling. In borehole this granite varies from being relatively unaltered to pervasive quartz-sericite-pyrite alteration to intense argillic alteration including late stage anthophyllite. This granite is host to hydrothermal breccias including breccia veins, crackle breccias, See Figure 4 thru 6.



Figure 4: Hydrothermal Breccia with grey silica +/- pyrite matrix

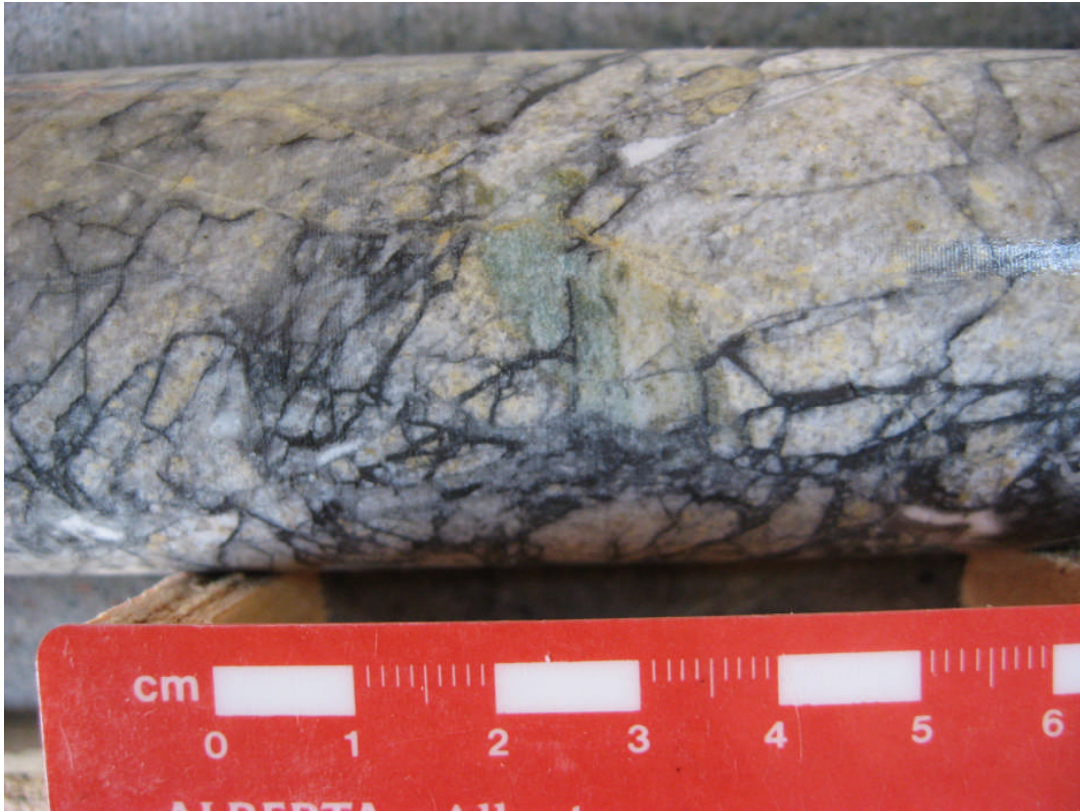


Figure 5: Crackle breccia with fine grained black silica +/- pyrite matrix

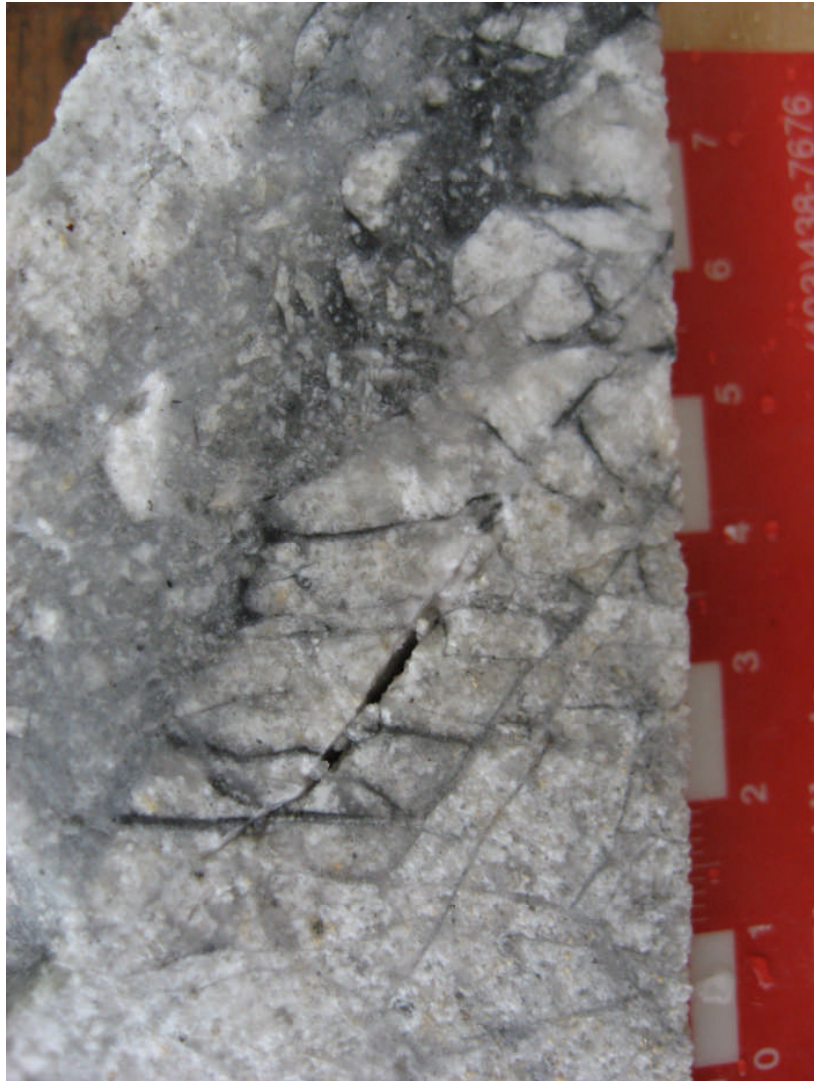


Figure 6: Clay and sericite altered granite showing transition from unfractured to crackle-fractured to hydrothermal breccia vein with dark grey silicica +/- pyrite matrix

Ruby Range Diorite (Jurassic)

This is a fine grained feldspar porphyritic diorite with distinctive anhedral to euhedral feldspars. Feldspar phenocrysts are equant to tabular and comprise up to 20% of the rock. Feldspars are weakly to moderately sericitized. The groundmass is fine grained, black and biotite-rich. The Ruby Range Diorite was only intersected in one hole, RS09-8.

Metalsiltstone/Argillite (Triassic – Slocan Group)

These are fine grained pelitic rocks that commonly are laminated with alternating argillaceous(graphitic) laminae and more siliceous and biotite-rich silty laminae. These

rocks are non-calcareous. They are commonly biotite hornfelsed as would be expected due to their proximity to granitic intrusions;

Feldspar Porphyry(Jurassic)

Several small, and one larger sill or dike, of feldspar porphyry, were encountered. These are fine grained porphyritic rocks containing 7-10% equant, anhedral to subhedral white feldspars to 2mmx2mm, set in a fine grained groundmass of quartz, feldspar and biotite. These rocks tend to be biotite hornfelsed. They are like offshoots of the Ruby Range Diorite;

Lamprophyres

Lamprophyres were not frequently seen in this drill program.

Sericite (Quartz-Sericite)Alteration

Sericite alteration occurs within the Shannon Lake granite as a variably pervasive beige wash possibly with fine quartz or silicification. This alteration appears to make the rock even more competent. This alteration often accompanied by hairline to mm scale fractures with fine pyrite, quartz and/or chlorite.

Argillic alteration

Clay alteration is associated with hydrothermal breccias often occurring as halos to breccias and breccia veins.

Anthophyllite Alteration

Anthophyllite alteration occurs as part of the argillic alteration package and occurs as bright white vuggy fillings and fracture fillings. It has a talcose feel to it.

RESULTS

This drill program essentially tested three areas of the property termed the 'Creek' zone, the 'Road' showings and the 'Skid Trail' zone. The Creek zone was a target defined by quartz veining and hydrothermal breccia exposed in and beside a creek bed. Significant gold values were obtained from surface. A total of seven (7) holes tested this zone on three sections, (RS09-1 thru 7) over an approximate strike length of 50metres. The 'Road' showing actually consisted of two distinct structural zones containing quartz-sericite and argillically altered granite with hydrothermal breccia and quartz veining. One hole was drilled on each of these structures, (RS09-8, 9). The 'Skid Trail' target consisted of quartz veining and hydrothermal breccia in both phyllic and argillically altered granite. Two holes, (RS09-10, 11) tested this structure. Significant results are listed in Table 4.

RS09-1 thru RS09-3 (Fig. 7)

Three holes were drilled on the same section in an effort to test gold-bearing veining and hydrothermal breccia exposed in and beside a small creek. All three holes intercepted hydrothermal breccia and sericite and clay-altered granite which correlated spatially with similar material at surface. The best results were in RS09-2 returning **1.30 g/t Au over**

2.00m from 28.00m to 30.00m, and **2.75g/t Au over 1.00m** from 60.00m to 61.00m. In the first instance the interval occurred in weakly altered granite with a narrow, 4cm zone of quartz stockwork with fine grained to chalcedonic quartz and <1% disseminated pyrite as blebs on margins of the veinlets. In the second interval, ie. 60.00 to 61.00m, gold occurs in hydrothermal breccia where clay/sericite altered granite clasts sit in a light to dark grey, fine grained to chalcedonic matrix. Overall there is <1% very fine grained pyrite. In hole RS09-3 only anomalous gold occurred in both strongly altered and brecciated granite and in weakly altered granite.

RS09-4 , RS09-5 (Fig. 8)

Two holes were drilled on a section approximately m northeast of the RS09-1 thru 3. Both holes encountered anomalous to low grade gold. In hole RS09-4 a broader low grade interval returned **0.74g/t Au over 7.00m** between 58.00 to 65.00m **including 1.37 g/t Au over 2.00m** from 60.00 to 62.00m. This interval occurred within a 'hydrothermal' zone characterized by strong to intense clay alteration accompanied by strong to intense quartz veining, stockwork quartz and hydrothermal breccia. Pyrite occurs up to 2% as fine grained disseminated grains and possibly as extremely fine grained within dark grey quartz.

Hole RS09-5 was a steeper hole in the same section designed to intersect the same hydrothermal zone at a deeper level. Once again a broader low grade interval returned **0.71g/t Au over 8.89m** between 74.93 to 83.82m **including 2.60 g/t Au over 1.07m** from 74.93 to 76.00m. This interval includes narrow zones of hydrothermal breccia with associated clay/sericite alteration and zones of intense fracturing including crackle breccias with dark grey silica +/- pyrite infill. Visible pyrite amounts to 1-2% but total pyrite may be greater if dark grey silica is a result of extremely fine grained pyrite colouring the quartz.

RS09-6, RS09-7 (Fig.9)

These two holes were drilled on the same section to the southwest of RS09-1 thru 3 to test the same structure. While both holes encountered altered and fractured granite with zones of hydrothermal breccias, only anomalous gold was encountered in both holes with the longest interval seen in RS09-7 returning **0.33 g/t Au over 12m** from 35.00 to 47.00m. Interestingly, this interval occurred in the phyllic zone of weaker alteration consisting of quartz-sericite with only rare dark grey to black quartz veinlets and some minor narrow zones (<2cm) of hydrothermal breccia. Total pyrite content is less than 2%.

RS09-8 (Fig. 10)

Hole RS09-8 was collared on the main logging road to test a narrow structure exposed on that road where strong sericite with some clay alteration is associated with quartz veining hosted by the Shannon Lake granite. The hole intersected a tongue of the Ruby Creek diorite followed by the granite. No significant values were obtained and the structure seen at surface was not intersected in drill hole.

RS09-9 (Fig. 11)

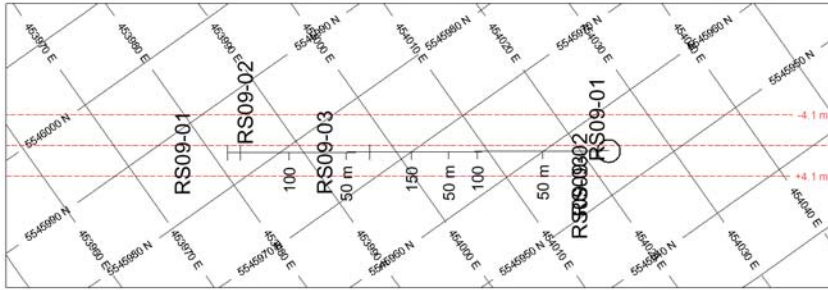
Hole RS09-9 was also collared on the main logging road to test a second narrow hydrothermal structure exposed in a road cut. In this instance the structure was intersected in the borehole. A broad zone of clay/sericite altered granite was intersected. Within this altered envelope narrow zones of hydrothermal breccia, crackle breccia and chalcedonic veining were seen. The best result returned **0.52g/t Au over 2.34m** from 16.70m to 19.04m. This occurred in a section of strong grey chalcedonic veining and stockwork with some crackle fracturing. Also seen in this section is late stage fracture-controlled anthophyllite. Interestingly, a 2.33 metre section grading 0.29 g/t Au occurred within a clay/chlorite altered mafic dike with some limonitic fractures but no visible sulphides.

RS09-10 (Fig. 12)

Hole RS09-10 was drilled to test a gold-bearing stockwork zone discovered on an old skid trail. This hole was drilled somewhat oblique to the structure in an effort to undercut the exposure. Variably altered granite was encountered with some locally strong sericite and clay alteration with attendant small grey chalcedonic veinlets. A narrow zone of hydrothermal breccia was also intersected. No significant values were returned.

RS09-11 (Fig. 13)

Hole RS09-11 was drilled from more or less the same location as RS09-10 but oriented orthogonal to the exposed structure in an effort to test strike extensions of the known exposure. This hole intersected variably altered granite which in turn was cut by lamprophyre dikes. The granite is locally intensely sericite +/- clay-altered with grey chalcedonic veinlets and fine black fractures containing pyrite and quartz. Minor narrow zones of hydrothermal breccia were also seen. One of the lamprophyres was strongly clay and chlorite altered, faulted and cut by grey chalcedonic veinlets. Interestingly, a one metre sample of the altered lamprophyre returned 0.27 grams/tonne gold.



HOLES PLOTTED

TOTAL 3

RS09-01 RS09-02 RS09-03

BAR GRAPHS L/R COL RANGE
 PLOT_AU_GPT R Max 5

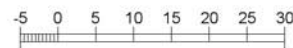
| ROCK CODES | PAT | LABEL | DESCRIPTION |
|------------|--|--------|----------------------|
| ROCK_CODE | | FPORP | feldspar porphyry |
| | | MSLTST | metasiltstone |
| | | OB | overburden |
| | | SLG | shannon lake granite |

SECTION SPECS:

| | | |
|------------------|----------|-----------|
| REF. PT. E, N | 454003 m | 5545970 m |
| EXTENTS | 109.4 m | 188.2 m |
| SECTION TOP, BOT | 1625 m | 1437 m |
| TOLERANCE +/- | 4.09 m | |

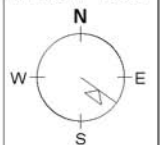
SCALE 1 : 1000

(m)



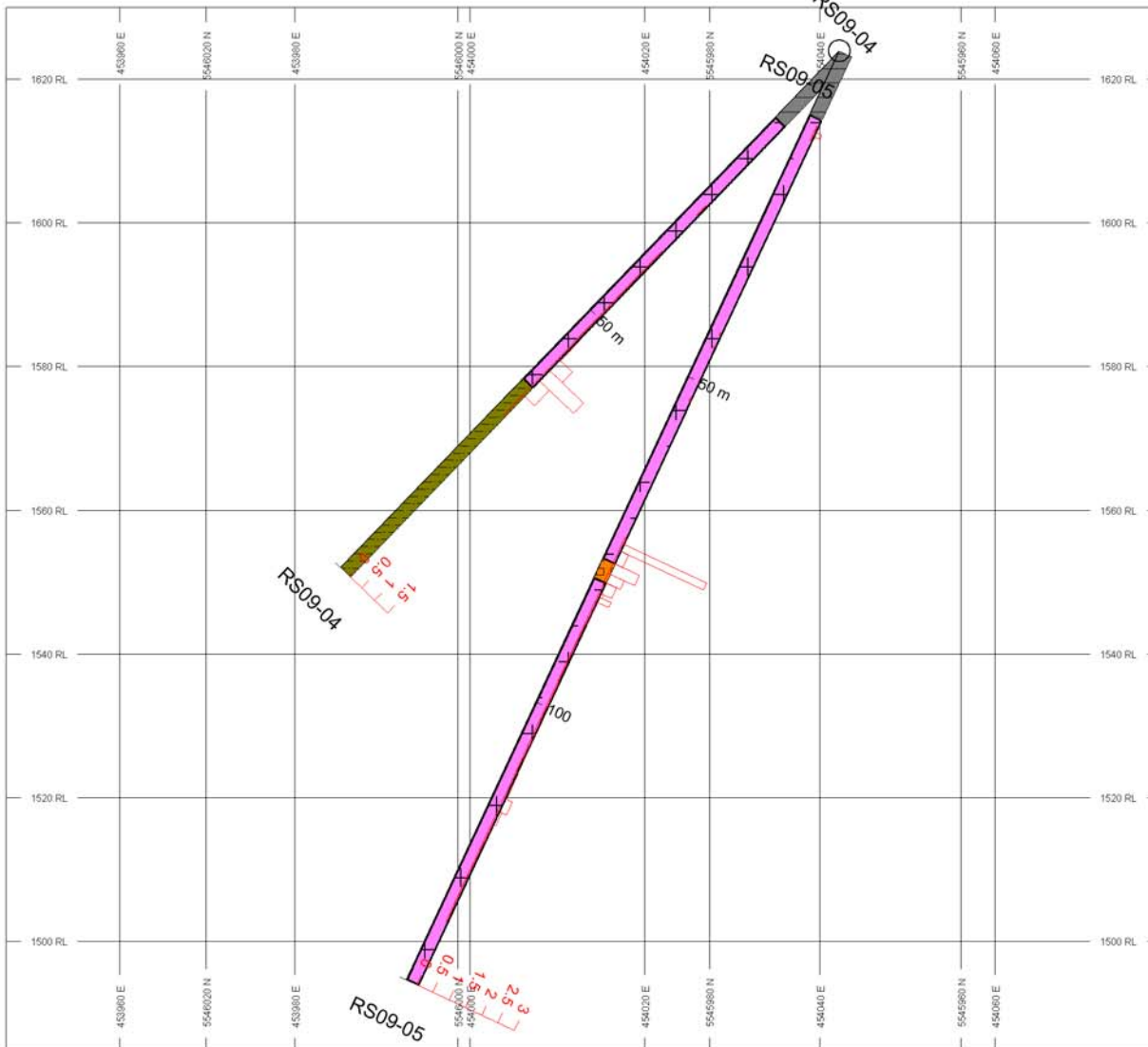
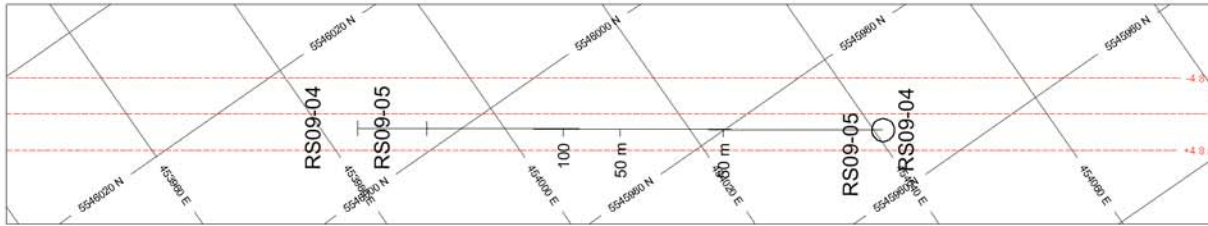
*unknown

AZIMUTH = 125.3°



Rosetta Property

RS09-01,02,03



HOLES PLOTTED

TOTAL 2

RS09-04 RS09-05

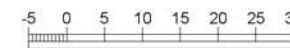
BAR GRAPHS L/R COL RANGE
 PLOT_AU_GPT R Max 5

| ROCK CODES | PAT | LABEL | DESCRIPTION |
|------------|---|--------|----------------------|
| ROCK_CODE | | FPORP | feldspar porphyry |
| | | MSLTST | metasiltstone |
| | | OB | overburden |
| | | SLG | shannon lake granite |

SECTION SPECS:

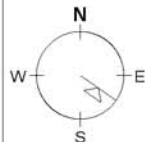
| | | |
|------------------|----------|-----------|
| REF. PT. E, N | 454013 m | 5545990 m |
| EXTENTS | 160.8 m | 145.3 m |
| SECTION TOP, BOT | 1630 m | 1485 m |
| TOLERANCE +/- | 4.785 m | |

SCALE 1 : 1000
(m)

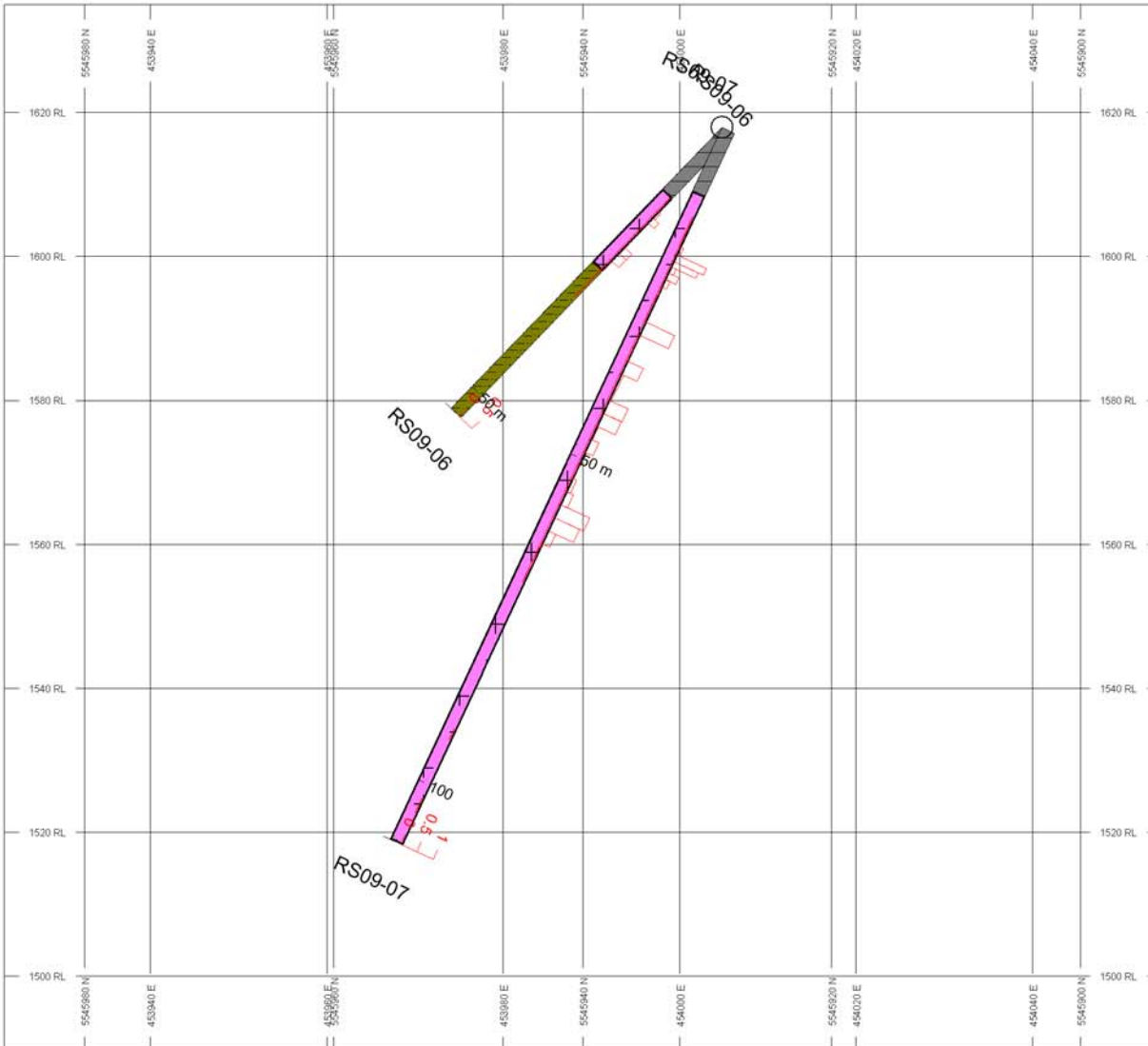
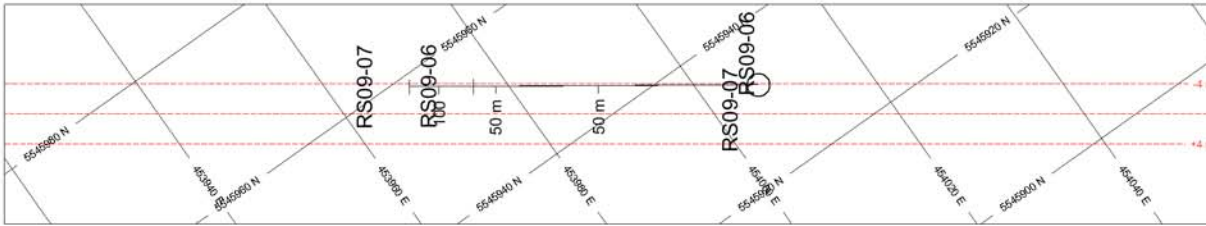


*unknown

AZIMUTH = 124.8°



Rosetta Property
RS09-04,05



HOLES PLOTTED

TOTAL 2

RS09-06 RS09-07

| BAR GRAPHS | L/R | COL | RANGE |
|-------------|-----|-----|-------|
| PLOT_AU_GPT | R | | Max 5 |

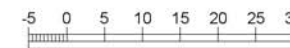
| ROCK CODES | PAT | LABEL | DESCRIPTION |
|------------|-----|--------|----------------------|
| ROCK_CODE | | MSLTST | metasiltstone |
| | | OB | overburden |
| | | SLG | shannon lake granite |

SECTION SPECS:

| | | |
|------------------|----------|-----------|
| REF. PT. E, N | 453989 m | 5545940 m |
| EXTENTS | 160.8 m | 145.3 m |
| SECTION TOP, BOT | 1635 m | 1490 m |
| TOLERANCE +/- | 3.965 m | |

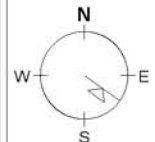
SCALE 1 : 1000

(m)



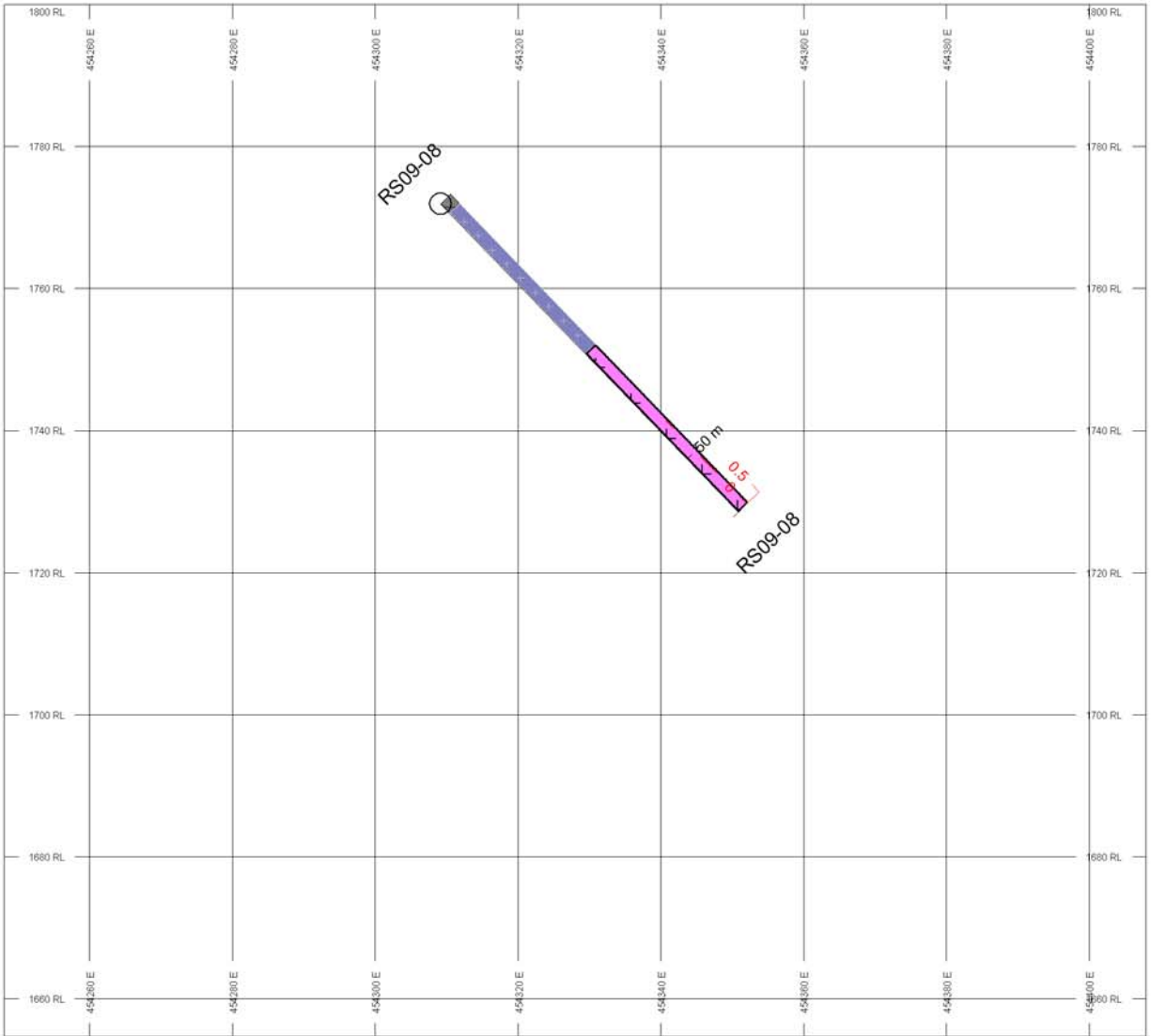
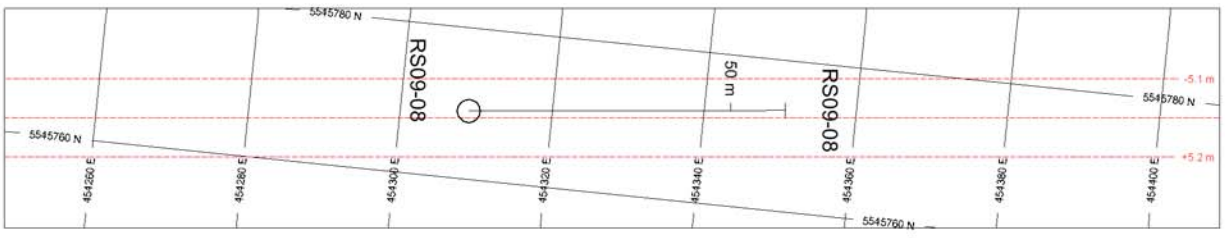
*unknown

AZIMUTH = 125.3°



Rosetta Property

RS09-06,07



HOLES PLOTTED

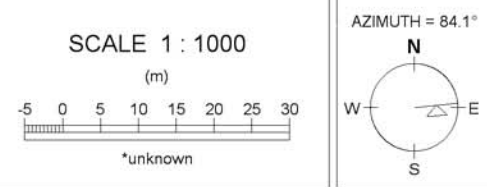
TOTAL 1
RS09-08

| BAR GRAPHS | L/R | COL | RANGE |
|-------------|-----|-----|-------|
| PLOT_AU_GPT | R | | Max 5 |

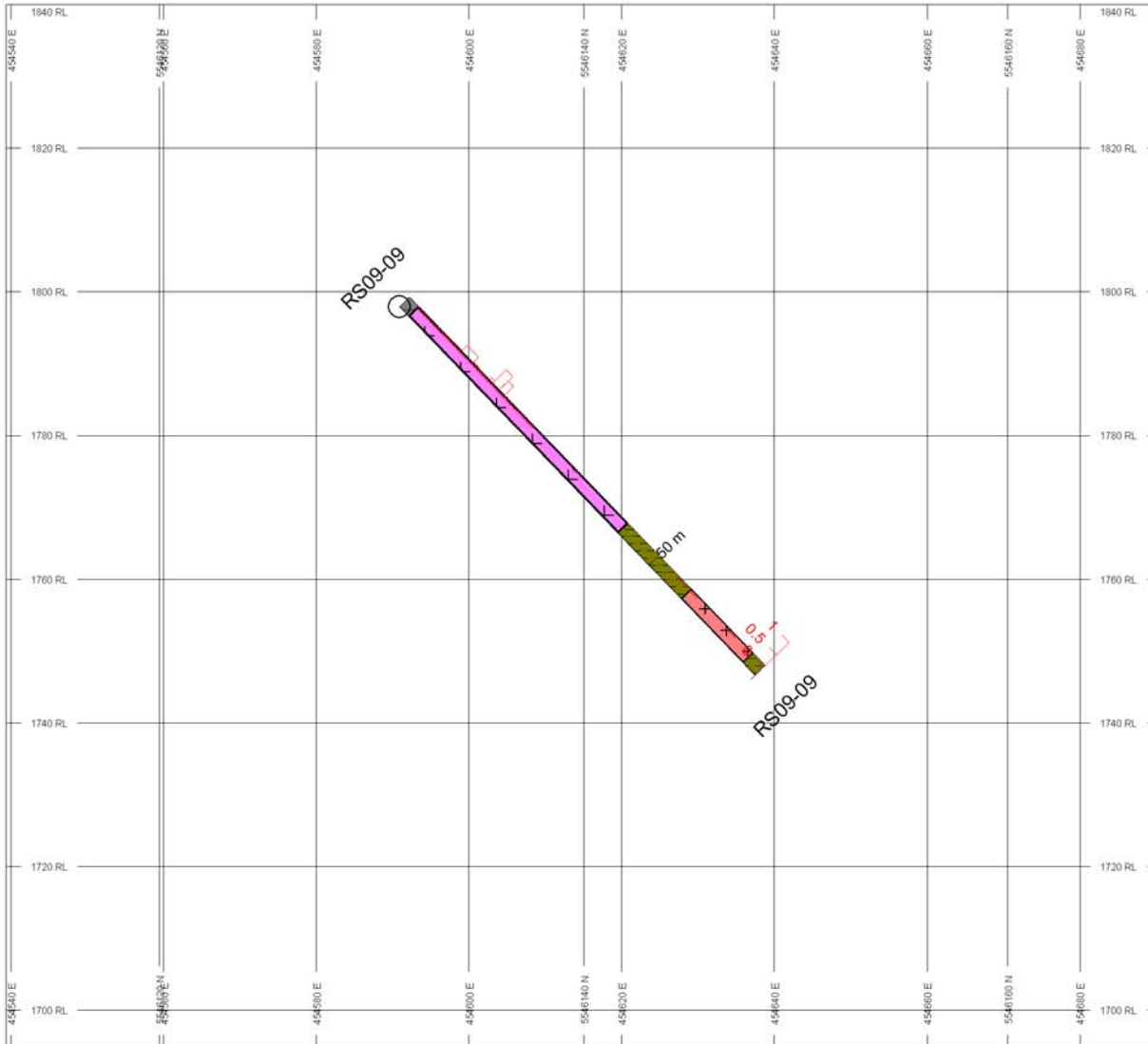
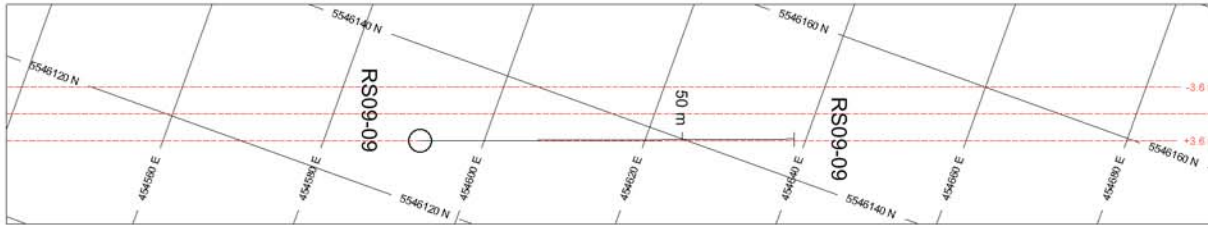
| ROCK CODES | PAT | LABEL | DESCRIPTION |
|------------|-----|---------|----------------------|
| ROCK_CODE | | DIORITE | diorite |
| | | OB | overburden |
| | | SLG | shannon lake granite |

SECTION SPECS:

| | | |
|------------------|----------|-----------|
| REF. PT. E, N | 454328 m | 5545770 m |
| EXTENTS | 160.8 m | 145.3 m |
| SECTION TOP, BOT | 1800 m | 1655 m |
| TOLERANCE +/- | 5.15 m | |



Rosetta Property
RS09-08



HOLES PLOTTED

TOTAL 1

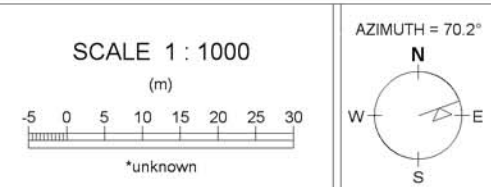
RS09-09

BAR GRAPHS L/R COL RANGE
 PLOT_AU_GPT R Max 5

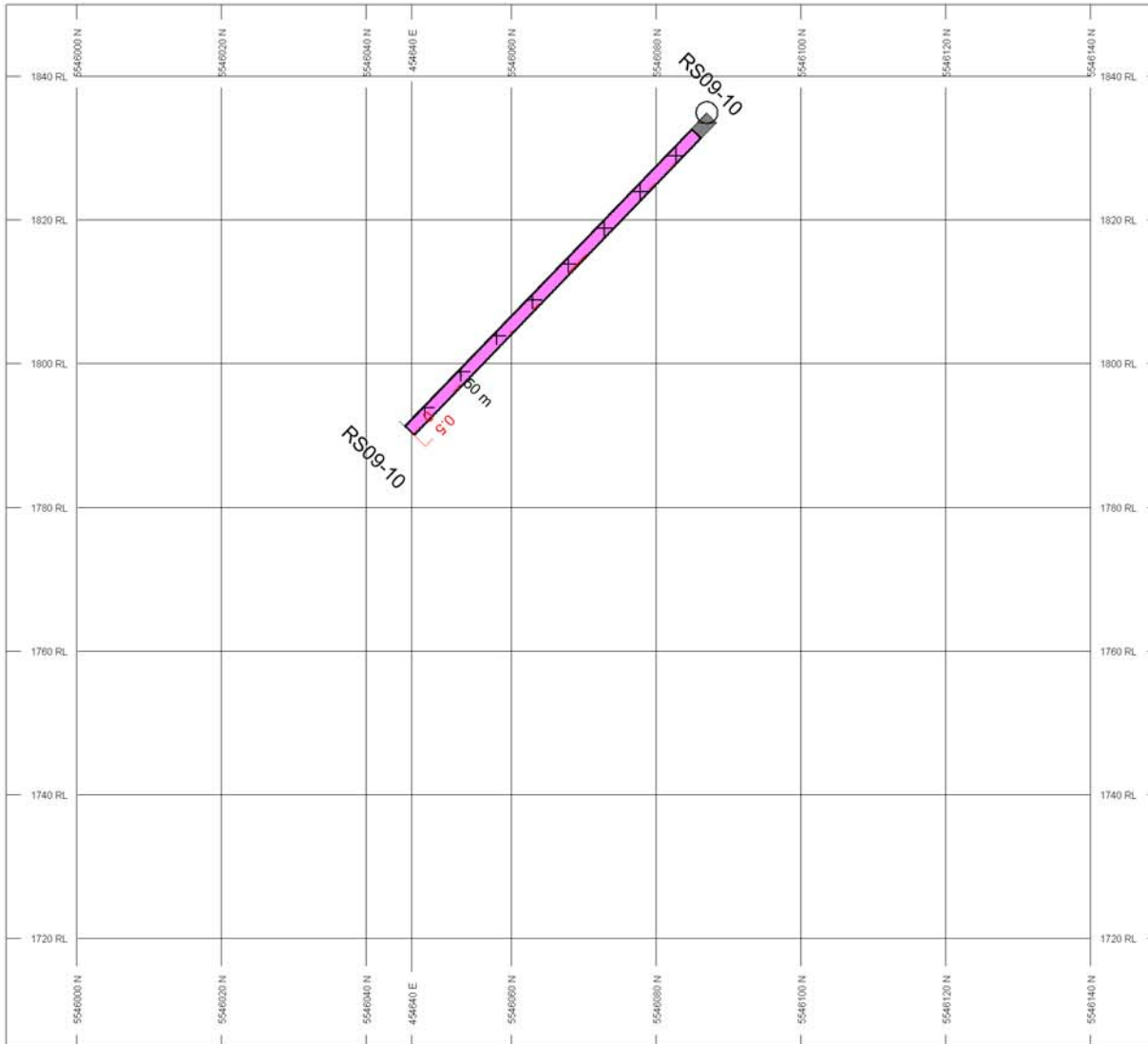
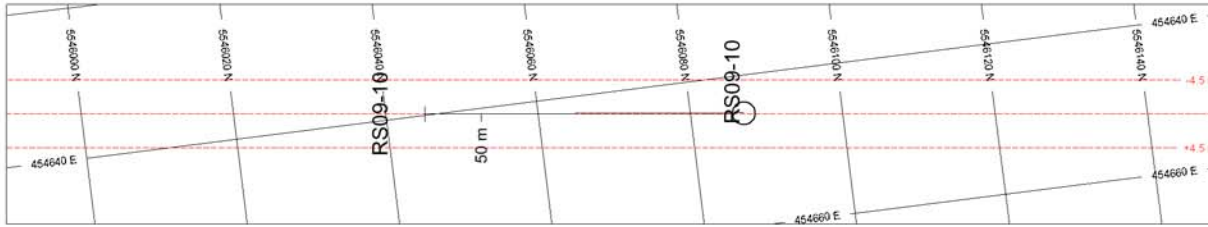
| ROCK CODES | PAT | LABEL | DESCRIPTION |
|------------|--|--------|----------------------|
| ROCK_CODE | | MSLTST | metasiltstone |
| | | OB | overburden |
| | | GD | granodiorite |
| | | SLG | shannon lake granite |

SECTION SPECS:

| | | |
|------------------|----------|-----------|
| REF. PT. E, N | 454615 m | 5546140 m |
| EXTENTS | 160.8 m | 145.3 m |
| SECTION TOP, BOT | 1840 m | 1695 m |
| TOLERANCE +/- | 3.56 m | |



Rosetta Property
 RS09-09



HOLES PLOTTED

TOTAL 1

RS09-10

BAR GRAPHS L/R COL RANGE
 PLOT_AU_GPT R Max 5

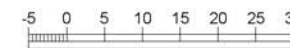
ROCK CODES PAT LABEL DESCRIPTION
 ROCK_CODE OB overburden
 SLG shannon lake granite

SECTION SPECS:

| | | |
|------------------|----------|-----------|
| REF. PT. E, N | 454643 m | 5546070 m |
| EXTENTS | 160.8 m | 145.3 m |
| SECTION TOP, BOT | 1850 m | 1705 m |
| TOLERANCE +/- | 4.47 m | |

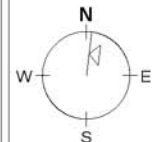
SCALE 1 : 1000

(m)



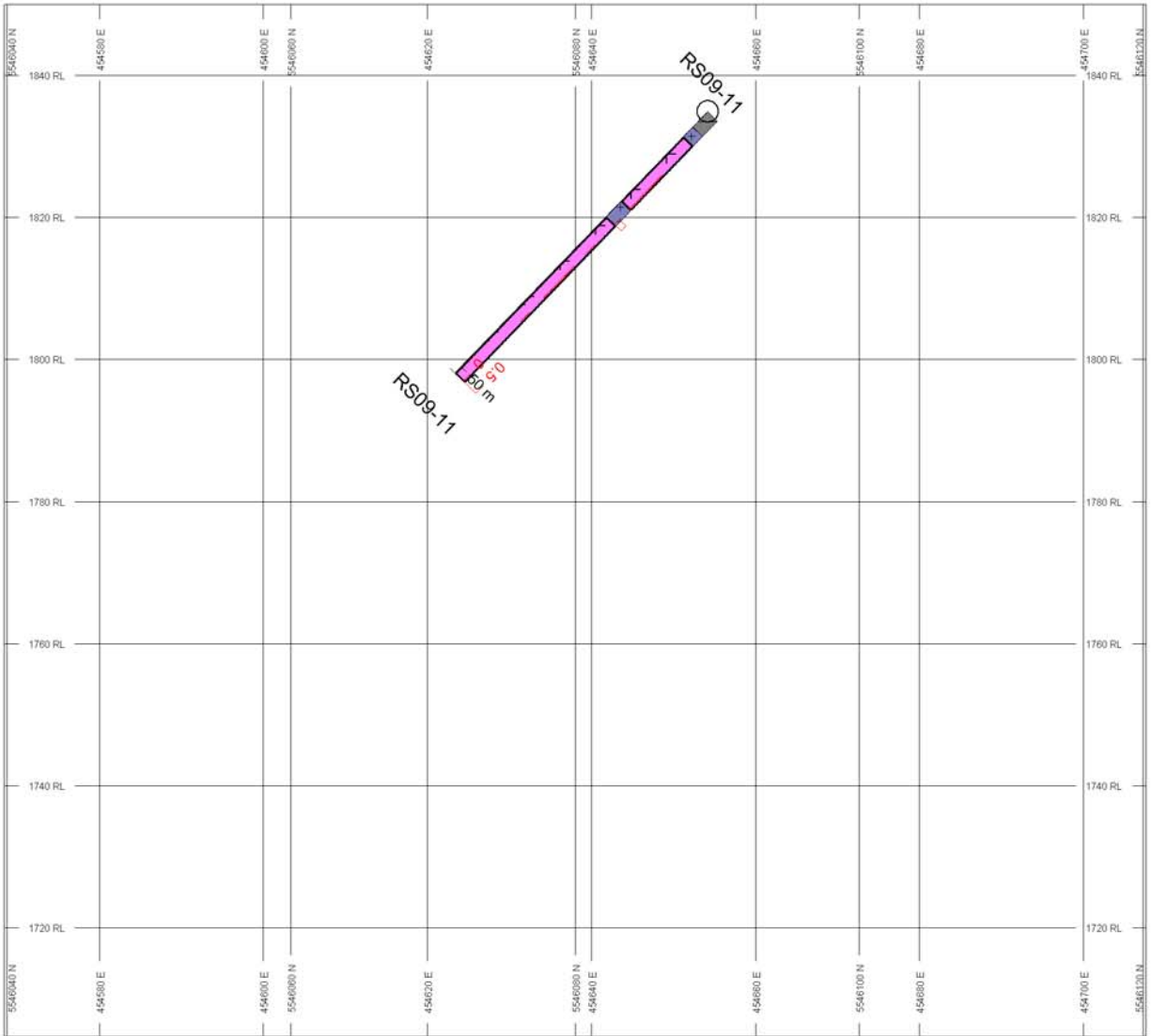
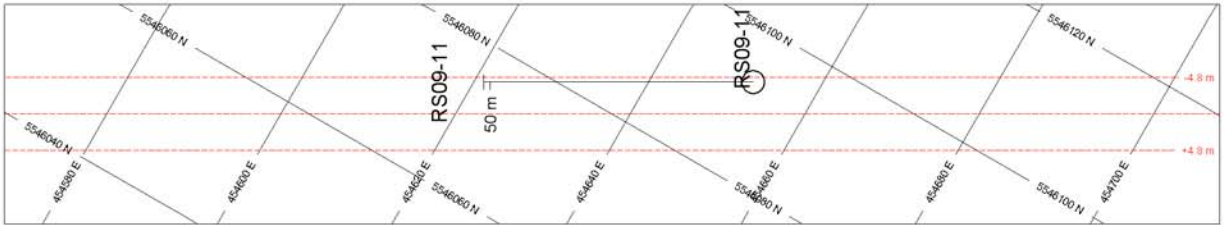
*unknown

AZIMUTH = 7.2°



Rosetta Property

RS09-10



HOLES PLOTTED

TOTAL 1

RS09-11

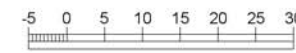
| BAR GRAPHS | L/R | COL | RANGE |
|-------------|-----|-----|-------|
| PLOT_AU_GPT | R | | Max 5 |

| ROCK CODES | PAT | LABEL | DESCRIPTION |
|------------|-----|-------|----------------------|
| ROCK_CODE | ++ | LAMP | lamprophyre |
| | OB | OB | overburden |
| | SLG | SLG | shannon lake granite |

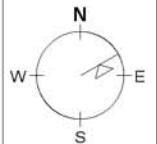
SECTION SPECS:

| | | |
|------------------|----------|-----------|
| REF. PT. E, N | 454638 m | 5546080 m |
| EXTENTS | 160.8 m | 145.3 m |
| SECTION TOP, BOT | 1850 m | 1705 m |
| TOLERANCE +/- | 4.82 m | |

SCALE 1 : 1000
(m)



AZIMUTH = 60°



Rosetta Property
RS09-11

Table 4 Significant Drill Results

| Hole_ID | From_m | To_m | Width_m | Au_gm/t | Target Area |
|-----------|--------|--------|---------|---------|-------------|
| RS09-2 | 28.00 | 30.00 | 2.00 | 1.30 | Creek Zone |
| RS09-2 | 60.00 | 61.85 | 1.85 | 1.71 | Creek Zone |
| including | 60.00 | 61.00 | 1.00 | 2.75 | Creek Zone |
| RS09-2 | 65.00 | 69.46 | 4.46 | 0.24 | Creek Zone |
| RS09-3 | 97.00 | 101.00 | 4.00 | 0.195 | Creek Zone |
| RS09-3 | 129.5 | 131.1 | 1.60 | 0.35 | Creek Zone |
| RS09-4 | 58.00 | 65.00 | 7.00 | 0.74 | Creek Zone |
| including | 60.00 | 62.00 | 2.00 | 1.37 | Creek Zone |
| RS09-5 | 74.93 | 83.82 | 8.89 | 0.71 | Creek Zone |
| including | 74.93 | 76.00 | 1.07 | 2.60 | Creek Zone |
| RS09-6 | 21.43 | 24.00 | 2.57 | 0.33 | Creek Zone |
| RS09-7 | 17.52 | 23.66 | 6.16 | 0.42 | Creek Zone |
| RS09-7 | 29.00 | 31.00 | 2.00 | 0.94 | Creek Zone |
| RS09-7 | 35.00 | 47.00 | 12.00 | 0.33 | Creek Zone |
| RS09-7 | 55.00 | 63.00 | 8.00 | 0.575 | Creek Zone |
| RS09-9 | 10.44 | 12.77 | 2.33 | 0.29 | Road |
| RS09-9 | 16.70 | 19.04 | 2.34 | 0.52 | Road |
| RS09-11 | 19.60 | 20.60 | 1.00 | 0.27 | Skid Trail |

CONCLUSIONS AND RECOMMENDATIONS

The primary target at the Rosetta Stone property was a gold bearing hydrothermal breccia with epithermal textures hosted by a Jurassic aged granite body. Surface sampling returned selected grab samples of 21.1g/t Au. This 'Creek Zone' was tested with three fences of holes covering a strike length of 50metres. 7 holes, (RS09-1 thru 7) were completed in the three fences.

Drilling on the Creek zone was successful in delineating a strong hydrothermal system with intense clay and anthophyllite alteration accompanied by chalcedonic veining, qtz flooding, crackle breccias and hydrothermal breccias. Fine pyrite accompanied veining, crackle breccias and hydrothermal breccias. The structure has been traced for 50 metres along strike and to a depth of 110 metres. It remains open along strike to the northeast and southwest and at depth where it appears to be wider and more intense. It has a steep apparent dip to the southeast. This structure returned up to 2.75 g/t Au over 1.0 metres in RS09-2 and broader zones of anomalous gold including 0.71g/t Au over 8.89 metres in RS09-5. This hydrothermal structure where tested is notable for lack of or subdued pathfinder element geochemistry.

Two other separate structures were tested on the Road zone (RS09-8,9) where surface grab samples returned up to 17 g/t Au. On surface these structures contained sericite and clay altered granite with narrow zones of hydrothermal breccia. Hole RS09-8 failed to intersect similar mineralization. Borehole RS09-9 intersected two sections of anomalous gold. Interestingly the uppermost section (0.29g/t Au over 2.33m) is hosted by a clay-chlorite-altered mafic dike with limonitic fractures. The lower section (0.52 g/t Au over 2.34m) is hosted by clay/anthophyllite-altered granite with crackle fracturing and chalcedonic veining similar in texture to mineralization and alteration in the Creek zone. The structures on the Road showing are trending more southeast/northwest trending and as such are separate oblique structures to the Creek zone and in fact quite separate to each other. The first structure tested by RS09-8 occurs approximately 340 metres southeast of the Creek zone, the second tested by RS09-9 occurs approximately 590 metres northeast of the creek zone.

Two holes (RS09-10,11) tested the 'Skid Trail' showing containing quartz veining within an altered granite. Hole RS09-11 intersected some narrow sections of hydrothermal breccia but interestingly the only anomalous values occurred within a lamprophyre dike cut by several narrow chalcedonic veinlets with minor pyrite, (0.27 g/t Au over 1.0m). The Skid Trail showing appears to be the same or subparallel to the showing tested in RS09-9 on the road. It occurs 630 metres northeast of the Creek zone and approximately 65 metres southeast of the Road showing tested by RS09-9.

In conclusion this initial drill program at the Rosetta Stone project was successful in identifying a robust gold-bearing structure (Creek Zone), which remains open along strike in both directions and to depth. Exploration here should focus on determining whether there is a zonation to the gold distribution which will help in vectoring in to higher grade portions of the structure. In particular the strike extensions of this structure should be explored using a combination of soil geochemistry, prospecting and further drilling. Grid based detailed soil geochemistry is recommended to survey strike extensions of the known structure with particular emphasis obviously on gold but also on possible pathfinder elements such as arsenic and antimony. While not identified in the current drilling, the presence of these elements may help to vector into a productive part of the structure.

COST STATEMENT

| | | |
|---------------------------|--|-------------------------|
| Diamond Drilling | Ridgeline Drilling Ltd. | \$107,699.97 |
| Water Supply | Wilf Hewat Supplies (storage tank rental) | 535.00 |
| Site Preparation | Silverton Transport (Cat +Excavator) | \$44,180.01 |
| Labour | B.Augsten (Project Geologist) | \$24,600.00 |
| | M. Best (Project Technician) | \$7,000.00 |
| | D. Klewchuk(Project Technician) | \$1,125.00 |
| Room and Board | | \$4,760.51 |
| Analyses | Acme Labs | \$19,697.26 |
| Transportation | Vehicle Rentals plus fuel | \$10,916.50 |
| | Quad Rentals | \$750.00 |
| Communication | Radio Rentals | \$891.95 |
| Core shack rental | | \$1,000.00 |
| Miscellaneous | | \$1,994.93 |
| Freight | | \$685.70 |
| Drafting | Taiga Consultants Ltd. | \$2,609.00 |
| Report Preparation | | <u>\$5000.00</u> |
| | TOTAL EXPENDITURES | \$233,775.91 |

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CERTIFICATE OF AUTHOR

I, Bernhardt Augsten P. Geo., do hereby certify that:

1. *I am currently self-employed as a consulting geologist resident at:

5936 Stafford Rd.
Nelson, BC
V1L 6P3*
2. *I graduated with a degree in Geology, BSc Hons, from Carleton University in 1985.*
3. *I am a member of the Association of Professional Engineers and Geoscientists of British Columbia.*
4. *I have worked as an exploration geologist since my graduation from university.*
5. *I have read the definition of “qualified person” set out in National Instrument 43-101 (“NI 43-101”) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a “qualified person” for the purposes of NI 43-101.*
6. *I supervised the diamond drilling program as described in this report including core logging, sample layout and supervision of sample collection.*

APPENDIX I
DIAMOND DRILL LOGS

KOOTENAY GOLD INC. – DRILL LOG
ROSETTA STONE PROJECT
LOCATION GPS NAD 83

EASTING: 454023
NORTHING: 5545955
ELEVATION: 1619

AZIMUTH: 305
DIP: -46
TOTAL DEPTH: 72.54

HOLE #: RS09-1
DATE START: Oct. 1, 2009
DATE COMPLETE: Oct. 2, 2009
LOGGED BY: B. AUGSTEN

0 – 13.10

CASING/OVERBURDEN

13.10 – 35.05

SHANNON LAKE GRANITE

Fine grained, equigranular granite; colour varies from a beige to reddish/brown; massive, non-foliated; primary colour is a reddish/brown which is overprinted by patchy pervasive sericite imposing a more beige colour to rock; <5% fine grained, chloritized mafics – locally replaced by epidote; weak oxidation on fxs as limonite;
Sulphides: <0.5% diss py; <0.5% py on dry fxs, (except where noted);

@**15.67** – narrow fx with dark grey to purplish amethyst-like qtz at 18° TCA;

@**16.67** – start seeing dark green to black hairline fxs in sericite altered sections; these are py +/- chlorite;

18.00 – 23.66 – granite is predominantly pervasively sericite (+/- silicified) altered imparting overall beige colour to rock; accompanied by hairline py+chl fxs; 2% diss/fc fg py;

@ **23.66** – 2.5cm band flanked by mm scale black py-qtz hydrothermal veins including breccia with rotated fragments of altered granite in a silica+py groundmass; band at 42° TCA;

Note: other than increase in pervasive sericite this is the first visual indication of the type of hydrothermal system; some of the altered granite has a orange tint to it which may be an Fe-carbonate alteration;

23.66 – 24.92 – rock is becoming more silicified with black narrow fxs with py+qtz more prominent (2%); spotty, patchy orange/beige alteration (Fe-carb?) more common; black py+qtz fxs typically at 40-50° TCA;

24.92 – 25.46 – HYDROTHERMAL BRECCIA

Distinct zone of hydrothermal breccia consisting predominantly of 'milled' granite with angular to rounded clasts to several cms, typically 1-5mm; clasts are sericite +/- Fe-carb altered; groundmass is a lt grey to beige fg silicified rock; hydrothermal breccia is in turn cut by mm scale grey to black chalcedonic veinlets; some dissolution cavities in breccia; near upper contact see quite a bit of black chalcedonic to fg qtz; UC @ 50° TCA, LC @ 30° TCA; some fc oxidation as limonite at LC; Sulphides: overall sulphides v. low; <0.5% v.fg. diss py; Note: black 'qtz' may be due to diss amorphous pyrite; this black qtz is cut by very fine hairline black qtz fxs; throughout the breccia there is a somewhat coarser grained diss py; no other sulphides identified;

25.46 – 33.80 – granite continues on as the beige qtz-sericite altered rock; igneous textures more or less obliterated; rock cut by dark grey to black qtz-py fxs (1%); locally cut by low angle white qtz veins with blebby py, eg. 29.7m; within this zone start seeing sections with 2° clay alteration, eg, 27.57 - 28.63, 31.70 – 32.00, 32.47 – 33.40;

@**31.67** – 2-10mm hydrothermal breccia vein flanked by black selvages of fg py+qtz; some fg py in breccia matrix; matrix is fg grey silica; vein @ 63° TCA;

@**32.38** – 10cm of hydrothermal breccia similar to previous;

33.80 – 35.05 – zone of hydrothermal fault/breccia; fine grained, white to grey matrix with clay altered fragments; mod fx oxidation as limonite; overall <1% py with heavy py at UC over 5cm; UC uncertain, LC @ 42° TCA;

35.05 – 51.80

QUARTZ SILTSTONE

Fine grained, finely laminated qtz-rich sediment; near upper contact it has intercalated black to dark brown laminae with lesser beige (sericite-altered) laminae; overall rock is dark brown due to fine biotite; sediments are non-calcareous; siliclastic; laminae are at 0 – 10° TCA; minor qtz vein boudins; LC sharp @ 10° TCA; Sulphides: minor py on dry fxs; tr diss py, po;

35.05 – 41.23 – FAULT:

Marks the contact between the intrusive (SLS) and the sedimentary package; predominantly sheared/faulted argillite with disrupted qtz(white) veinlets; minor py associated as selvages to veinlets; also see beige coloured clay/sericite altered sill (<10cm) of granite? Strongly graphitic; Within argillite; layering within argillite at 0-10° TCA; faulting/shearing @ 20-40° TCA; poor recovery in part of fault between 39.01 – 42.06 (50%);

Note: UC placed at 35.05 notwithstanding several small sills of 'granite';

51.80 – 64.40

FELDSPAR PORPHYRY SILL

Fine grained, biotite hornfelsed feldspar porphyry sill; dark brown speckled with 7-10% equant, anhedral to subhedral, white feldspars to 2mmx2mm set in a fine grained groundmass of qtz-fsp and biotite; rock is foliated at 0-10° TCA paralleling laminations in sed; biotite hornfels is locally overprinted by a beige to pale greenish/beige wash of sericite plus calcite; alteration appears fracture controlled;

Sulphides: tr py in minor white qtz veinlets, in altered zones strong diss py to 1-2%;

@**52.60** – fault/shear @ 25° TCA with bleaching (sericite+/-clay +/- py) peripheral to fault

@**56.13** – part of a low angle qtz vein with tr py; strong halo sericite with py;

64.40 – 72.54

BIOTITE QTZ SILTSTONE

Same as previous siltstone; fine grained, laminated metasediment; biotite hornfelsed; non-calcareous; siliclastic; laminations at 0-10° TCA; minor disrupted white to lt grey qtz boudins/veins;

Sulphides: tr diss po.

END OF HOLE AT 72.54m.

KOOTENAY GOLD INC. – DRILL LOG
ROSETTA STONE PROJECT
LOCATION GPS NAD 83
EASTING: 454023 **AZIMUTH: 305°**
NORTHING: 5545955 **DIP: -65**
ELEVATION: 1619 **TOTAL DEPTH:**
 115.21

HOLE #: RS09-2
DATE START: Oct. 2, 2009
DATE COMPLETE: Oct. 3, 2009
LOGGED BY: B. AUGSTEN

0 – 8.23

CASING/OVERBURDEN

8.23 – 115.21

SHANNON LAKE GRANITE

Fine grained, equigranular hypidiomorphic granite; pinkish to pale orange to beige depending on alteration; <5% fine grained chloritized mafics; non-magnetic; see weak to mod oxidation as limonite to 54.5m. overall very weak fine fc calcite (<0.5%)

Sulphides: tr diss py an py on dry fxs except where noted.

15.86 – 18.75 – strong to intense beige(glassy in places) alteration overprinting granite; accompanied by an increase in diss py to 1% (v.fg); alteration controlled by fine fxs and consists of sericite+qtz+py;

20.13 – 21.03 – intense beige alteration; silicified; 1-2% diss/fc py;

22.60 – 26.70 - granite is predominantly altered by beige very hard (silica+sericite) which obscures textures.

@24.70 – first occurrence of black hairline fxs of py+/- chlorite; fxs have a fine mm bleached halo

26.70 – 28 – weakly altered granite with some wk patchy sericite

@29.93 – 4cm zone of lt grey to white qtz stockwork; qtz is fg to chalcedonic with <1% diss py as blebs on margins of veinlets; zone trends @ 62° TCA; peripheral to this zone fsps altered to clay for 5cm on either side.

33.15 – 33.28 – zone of hydrothermal breccia and strong qtz veining/stockwork; qtz is white to dark grey; zone has an envelope of sericite/clay altered granite (33.92-33.44); zone @53° TCA; 2% very fg py as narrow 1-3mm seams and disseminations;

33.44 – 36.40 – rock facilitates between relatively unaltered/weakly altered to beige pervasively qtz-sericite+/-py altered.

40.0 – 42.10 - see gradual increase in qtz veinlets/fg-fills; qtz is generally fg to chalcedonic, white to grey with py on selvages or diss within veinlets; locally see clay-altered fsps peripheral to veinlets, eg. 40.50m; start seeing an orange alteration of fsps (Fecarb?), eg. @40.5 – 0.5cm white chalcedonic veinlet with py selvages @51° TCA;

42.10 – 42.45 – HYDROTHERMAL BRECCIA VEIN

Chaotic mixture of angular to rounded beige (sericite+qtz-alt'd) granite clasts and grey to black chalcedonic clasts; some open space with fine drusy qtz crystals; preceding vein see some fine crackly breccia for 20cm with grey chalcedonic qtz +py infill.
Sulphides: <1% diss py (possible more very fg py)

42.45 – 42.85 – strong black fxing/veinlets consisting of chalcedonic dk grey to black qtz+pyrite; wallrock variably clay-altered over qtz-sericite alteration. Veinlets typically @25-50° TCA;
Sulphides: 2-3% fc py, 1% diss py

45.90 – 53.00 – granite weakly altered with patchy qtz-sericite alteration; minor fx'ing with py/fgqtz; tr diss py; locally limonite on fxs.

53.00 – 55.60 – beige qtz-sericite alteration more pervasive with minor narrow zones of clay alteration. Minor py-qtz fxs

55.60 – 58.0 – pervasive qtz-sericite alteration; start seeing decimetre scale zones of overprinting clay alt'n; clay alt'n accompanied by narrow(1-3mm) white to grey chalcedonic veinlets(+/- py). Veinlets @30-40° TCA;

58.0 – 60.0 – strong to intense clay alteration dominating with well-developed black pyritic fxs; some lt to med grey chalcedonic veining, eg. @58.47m.- 2cm chalcedonic vein @34° TCA with <1% v. fg. Diss/fc py;

60.00 – 69.46 – HYDROTHERMAL BRECCIA

Zone of variably textured hydrothermal breccia consisting of lt to dk grey fg to chalcedonic silica matrix and clay/sericite altered granite clasts; UC of zone sharp @28° TCA (indicating a vertical attitude to zone); UC marked by a dark grey to black 3-4mm band of dark silica +/- v fg sulphide; zone shows evidence of multistage hydrothermal breccia, eg. Btw 61.85 – 62.65 hydrothermal breccia has been rebrecciated and healed by a later silica event (hydrothermal); this later silica is a very pale grey to white with very little sulphide associated with it.

Sulphides: overall <1% very fg py

62.75 – 63.55 – FAULT: predominantly clay gouge material; UC@25° TCA and marked by 3-4cm of black to dk grey pyritic gouge; LC@18° TCA.

63.55 – 67.60 – more of a silicified crackle fx'd granite with very narrow zones of hydrothermal breccia; cut by dk grey to black 1-3mm pyrite+/-qtz fxs (5-7%); also about 1% fg brassy diss py.

67.60 – 68.12 – hydrothermal breccia

68.12 – 68.58 – massive white to cream-coloured chalcedonic qtz (vein?)

68.58 – 69.46 – hydrothermal breccia; cut by late cream-coloured chalcedonic veins; LC @30° TCA

69.46 – 78.00 – strong pervasive sericite+/-qtz alteration with weak to mod clay locally(usually peripheral to veining); also see distinctive pale yellow/orange alteration(sericite?); cut by 3% pale grey (1-5mm) qtz veinlets; 1% very fine diss py; some black fc py(<1%).

76.72 – 77 – small zone of strong grey to white chalcedonic veinlets with strong clay alt'd fxs; veinlets @ 40-60° TCA; no sulphides in veinlets; 1% diss py in granite.

78.00 – 81.00 – weaker sericite and quartz alt'd granite; chloritized mafics visible; tr diss py;

81.00 -87.00 – sericite/quartz alt'd zone similar to 69.46 – 78.00; less veining; beige to yellow/beige colour; locally see black pyrite +/- qtz fxs, eg. 83.9 – 84.2, including one 5mm dk grey to black veinlet with very fg diss py on margins of vein contributing to black colour, veinlet @ 36° TCA

87.00 – 115.21 – weakly altered granite with sporadic fc to patchy pervasive zones of qtz-sericite alteration; chloritized mafics more prominent; rare fine qtz veinlets; <1% diss py overall- more common in qtz-sericite-alt'd sections; rock is cut by these amorphous 'qtz' veins with very fuzzy margins;

@**87.60** – tr moly in fxs in a sericite-alt'd zone;

103.25 – 114 – beige/yellowy beige qtz-sericite altered zone; mafics primarily indistinguishable; trace moly; <1% fine diss +/- fc py

109.30 – 109.80 – small section with strong lt to dk grey quartz veinlets (<1mm to 3mm) @ 20-40° TCA, with py and tr moly; wider veinlet is hydrothermal breccia vein.

END OF HOLE AT 115.21m.

**KOOTENAY GOLD INC. – DRILL LOG
ROSETTA STONE PROJECT
LOCATION GPS NAD 83**

EASTING: 454023

NORTHING: 5545955

ELEVATION: 1619

AZIMUTH: 305°

DIP: -80

**TOTAL DEPTH:
181.66**

HOLE #: RS09-3

DATE START: Oct. 3, 2009

DATE COMPLETE: Oct. 5, 2009

LOGGED BY: B. AUGSTEN

0 – 8.53

CASING/OVERBURDEN

8.23 – 115.21

SHANNON LAKE GRANITE

Fine grained, massive pinkish granite; 5% chloritized hornblende; minor fc calcite; non-magnetic; tr diss py; locally patchy pervasive sericite/qtz which tends to obliterate igneous textures; fracture controlled oxidation as limonite to 24.5m.

Note: quartz-sericite alteration (beige,amorphous) often accompanied by an increase in blebby and fc py +/- qtz veinlets, eg. 18.75 – 20.0, in this interval a small qtz-py veinlet(3-4mm) @35° TCA;

22.8 – 25.55 – beige bleached zone of qtz-sericite alt'n; very hard; 3% v.fg. diss,blebby, and fc py; tr moly;

@**31.10** – low angle bull qtz vein with some pyrite in selvages; veinlet 1-2cm thick @20° TCA; part of a bleached qtz-sericite-alt'd section.

35.73 – 40.35 – bleached zone within granite; rock now a beige amorphous colour with pale orange alteration along fxs (not Fecarb) and as replacement of fsp? Also start seeing fine dk grey fxs of qtz+/- py; zone ends at faulting/shearing @60° TCA; <1% diss py, <0.5% fc py;

40.35 – 76.90 – granite relatively unaltered

76.90 – 79.80 – strong sericite/qtz alteration reducing rock to a beige colour; locally strong clay alteration near upper contact of zone; also distinguishing this zone are about 3% fine black fxs of py+/-qtz; also 1% slightly coarser diss py; fxs vary from 0-60° but typically in the 40-60° TCA;

77.0 – 77.45 – intense clay alteration

79.80 – 84.65 – predominantly unaltered granite (75%) with patchy zones of qtz-sericite-py alteration (25%); 2-3% fc/diss py in altered zones; <0.5% diss/fc py in unaltered sections.

84.65 – 103.40 – qtz-sericite-py +/-clay altered granite; overall beige coloured with dk grey t black qtz-py fxs(1-3%); includes minor zones of hydrothermal breccia as described.

87.16 – 87.55 – small zone of crackle breccia progressing into a hydrothermal breccia vein; crackle breccia and matrix to breccia vein is a dk grey to black colour and consists of very fg qtz +/- py; also see 1% coarser grained diss py; late stage 'chalky' vug fillings (possible anthophyllite); see some weak fuchsitic alteration of granite clasts;

88.10 – 89.20 – zone of strong fxing, crackly brecciation and hydrothermal breccia including 'milled' veins; multistage grey to black qtz-py fxs; late stage grey to white chalcedonic qtz; 2% fc/diss py; veining and fx'ing @25-35° TCA;

97.0 – 103.40 – intensity of fxing increases with narrow zones of crackly breccia and hydrothermal breccia.

@**101.40** – low angle hydrothermal breccia vein @15° TCA; true width of vein about 5cm; strong milling at vein margins.

103.40 – 115.40 – distinct change in alteration dominated by intense clay alteration; this section of the granite is intensely altered and really shattered and infilled with a myriad of fine mm-scale qtz +/- py veinlets; qtz typically is very fine grained to chalcedonic and lt to dk grey; pyrite occurs within veins/veinlets (1-2% fine grained) and as coarser disseminations (1-2%); also see diss very fg grey/blue sulphide?

Note: dark grey veinlets variable in orientation from 0-45° TCA – most commonly 15-25° TCA; multi-stage veining present.

103.80 – 106.07 – Hydrothermal Breccia

115.40 – 120.85 – alteration dominated by strong pervasive qtz-sericite alteration with overall weak clay (locally strong clay alteration over decimetres); also see this pale orange overprint often peripheral to qtz-py fxs; intensity of fx'ing and veining decreasing with locally strong zones (see below); fine black fxs cut rare white quartz veins;

Sulphides: <1% diss py; 1-2% v fg py on fxs +/- qtz veinlets; Locally see narrow zones of hydrothermal breccia veins, eg. 115.95m'

-see some pyrophyllite on fxs/veinlets (talcose-feeling bright white mineral).

@**118.47** – 2cm grey qtz vein with black mm-scale selvages of darker qtz and very fg py; also aggregates of cg py within vein; vein @60° TCA;

120.85 – 122.0 – weak patchy sericite alteration to unaltered granite.

122.0 – 125.15 – moderate clay alteration and strong pervasive qtz/sericite; clay alteration forming peripheral(halos) to grey to black qtz+/-py veins; larger veins (1-2cm) are clearly chalcedonic; distinctive pale orange alteration overprint; Sulphides: 2% diss py; 1-3% fc py (v. fg.) with qtz veinlets.

125.15 – 125.90 – weakly altered granite; patchy pervasive qtz-sericite

125.90 – 127.50 – strongly sericitized granite with orange alteration overprint as halos to fxs; two cm-scale qtz-py veinlets, dk grey to black; moderate dk grey to black fine fxs with py/qtz; veins @ 46°, 30° TCA; 5-7% py along margins of lt to dk grey qtz

127.50 – 131.10 – weak to moderate sericite altered granite; minor fc qtz-py (<0.5%); minor pale orange fc alteration;

131.10 – 146.70 – strong pervasive sericite alteration; mod to strong patchy pervasive clay alteration; well-dev fc orange? alteration; mod to strongly developed dk grey to black qtz-py fxs (-7%); on average black qtz-py fxs at low core angles (0-15°); black fxs cut by later med grey chalcedonic veinlets typically <1cm;

Sulphides: 1-2% diss py 2-3% fc py;

@ **144.23** – see dissolution cavities in chalcedonic veining.

146.70 – 149.00 – mod to strong pervasive qtz/sericite; small patches of relatively unaltered granite; mod orange halo alteration; minor clay; minor qtz-py veinlets; <1% diss py; <0.3% fc py

149.00 – 153.30 – strong pervasive ser; patchy pervasive clay alteration; well-dev orange? Alteration as halos to fxs; 2-3% dk grey qtz+/-py veinlets/fixs; <1% diss py; 1-2% fc/veinlet py;

153.30 – 154.70 – relatively unaltered brick red, med grained granite;

154.70 – 159.80 – predominantly strong pervasive beige qtz-ser alt'n with some narrow zones of unalt'd granite; minor qtz-py fxs; <0.5% diss py, <0.5% fc py;

159.80 – 161.40 – mod to strong clay +/-ser alt'n; strong dk grey chalcedonic veining +/- hydrothermal breccia; 1% diss/fc py;

161.40 – 166.35 – alteration dominated by mod to strong pervasive qtz-ser with weak orange alteration on fxs; some small zones of unaltered granite (10-20cm); minor black qtz-py fxs/veinlets @ 40-50° TCA; <0.5% diss py; <0.5% fc/veinlet py;

166.35 – 181.66 – unaltered granite; well-dev hematite on fxs (brick red colouration likely due to finely diss hematite); narrow zones of qtz-ser alt'n with weak fc qtz+py; rare qtz-py veinlets accompanied by strong wallrock qtz-ser alt'n including one 0.7cm qtz-py breccia vein @35° TCA; at 178.36m; veinlet is banded with 3mm of dark grey to black qtz+py with fragments of altered granite and 3-4mm of lt to med grey fg qtz.

END OF HOLE AT 181.66m.

KOOTENAY GOLD INC. – DRILL LOG
ROSETTA STONE PROJECT
LOCATION GPS NAD 83

EASTING: 454041

AZIMUTH: 305°

NORTHING: 5545968

DIP: -46

ELEVATION: 1624

TOTAL DEPTH: 99.97

HOLE #: RS09-4

DATE START: Oct. 5, 2009

DATE COMPLETE: Oct. 6, 2009

LOGGED BY: B. AUGSTEN

0 – 12.80

CASING/OVERBURDEN

12.80 – 63.40

SHANNON LAKE GRANITE

Weakly altered to unaltered fine to med granite; equigranular; where relatively unaltered pale reddish to beige in colour; red colour due to finely diss hematite; patchy pervasive sericite; non-magnetic; massive; <5% chloritized mafics; <0.5% diss fg py;
@17.60 – 2cm mud seam @ 15° TCA

28.45 – 30.25 – bleached silicified zone; pale grey, amorphous; cut by several cm scale amorphous lt grey to white qtz veins; see small xenocrysts (1cmx1cm) of a pale green (fuchsitic-looking) soft mineral; contacts gradational.

Sulphides: 2% diss fg py, 1-2% fc py;

37.63 – 46.25 – granite predominantly beige/pale orange-beige qtz-sericite-alt'd, producing an amorphous wash; weak to mod limonite on fxs; includes two zones (35,40cm) of strong clay alteration occurring where see well-developed dk grey chalcedonic veining; these seem to be harbingers of the main hydrothermal zone; chalcedonic veining @ 45° TCA.

Sulphides: 1% diss py, <0.5% fc py;

37.63 – 38.17 - alteration zone of strong clay +/- sericite with dk grey chalcedonic qtz+/- py veinlets; also late stage fc/veinlet pyrophyllite; zone flanked by beige qtz-sericite alteration; weak fc limonite;

46.25 – 63.40 – HYDROTHERMAL ZONE

Section of granite characterized by strong to intense clay alteration, strong to intense qtz and chalcedonic qtz veining, stockwork+/- hydrothermal breccia,+/- crackle breccia; feldspars are essentially completely clay-altered; quartz veining tends to be a lt to dk grey to black fg qtz to chalcedony; veins tend to be mm scale (usually <1mm) but can be up to several cm; in places dense stockwork of fine veining occurs demonstrating multi-generational veining, eg. 48.5m; also see late stage veining with a soft white talcose-like mineral (anthophyllite); in places silica completely replaces granite; zones of hydrothermal breccia exhibit multi-phase brecciation with qtz-py vein fragments and breccia fragments in younger breccia; lower contact relationships obscured by

rubble; overall difficult to tell what preferred orientation to structure is but @47.25m fine black qtz-py fxs @62° TCA;
Sulphides: most of the visible pyrite(1-2%) occurs as a fg diss grains; the very darkest qtz is coloured by extremely fg sulphides – presumably pyrite only?

63.40 – 99.97

METASILTSTONES

Dark brown fine grained lamintated metasediment; intercalated dk brown/black laminae with beige lamine in places; laminae 1-3mm thick; rock has been biotite hornfelsesd; laminae have variable core angles 0-30° typically; locally see mm scale carbon-rich(with graphitic slips) laminae, eg. 92.5m; these sorts of laminae could give rise to EM anomalies tr diss po; py on dry fxs;

63.40 – 66.95 – rock is strongly faulted, fx'd near upper contact; also rock has been overprinted by lt orange/brown alteration(sericite); also particularly prevalent in this interval are a series of fg feldspar porphyritic sills (<10cm) which have also been effected by same alteration; well-developed chlorite on fxs; microfaulting evident in sed; overall very low sulphides, Tr to <0.5% diss py; minor lamination parallel disrupted qtz veinlets/sweats;

END OF HOLE AT 99.97m.

KOOTENAY GOLD INC. – DRILL LOG

HOLE #: RS09-5

ROSETTA STONE PROJECT

LOCATION GPS NAD 83

**EASTING: 454041
NORTHING: 5545968
ELEVATION: 1624**

**AZIMUTH: 305°
DIP: -65°
TOTAL DEPTH:
142.65m**

**DATE START: Oct. 6, 2009
DATE COMPLETE: Oct. 7, 2009**

LOGGED BY: B. AUGSTEN

0 – 9.75

CASING/OVERBURDEN

9.75 – 142.65

SHANNON LAKE GRANITE

Fine to med grained, leuco-mesocratic massive granite; 5% chloritized mafics; where relatively fresh rock has a pale fleshtone to brick red to med grey; granite is overprinted locally by a beige coloured amorphous qtz-ser alteration tending to obliterate igneous textures; non-magnetic; Sulphides: tr diss py overall (except where noted); locally see fine chlorite +/- py on fxs;
@**11.0** – 5-7mm banded white/grey chalcedonic breccia vein @63° TCA with minor diss py; some drusy qtz-lined cavities; veinlet is flanked by strong sericite-qtz(+/-clay) alteration with fine qtz-py fxs immediately peripheral to veinlet;

11.74 – 12.35 – zone of intense sericite-clay alteration centered on a hydrothermal breccia vein/veinlets mainly at 11.82-11.95m; vein consists of dk grey fg qtz with fine diss py to 12% as matrix to fragments of clay altered granite; vein @67° TCA; well-dev fc limonite;

@**42.47** – 6cm dk grey qtz+/-py vein system (really two flanking 5mm veinlets with intervening brecciated granite); vein @ 53° TCA; vein is enveloped by strong beige qtz-sericite-py alteration for 20-30cm on either side.

@**44.67,44.81m** – 1-2cm bull white/lit grey coarse grained qtz veins with py, tr spy, gn?/moly? With flanking sericite alteration; one vein is discontinuous; other @40° TCA;

Note: these are texturally different than the veinlets associated with sericite-clay alteration suite;

52.79 – 53.00 – series of lt to dk grey chalcedonic veins with wallrock breccia; late stage aggregates of pyrite(3-5%); occurs at contact between granite and a small foliated fsp-phyrict biotite-rich dike; strong wallrock sericite +/- clay alt'n; veins @58° TCA;

Note: alteration extends into dike;

53.00 – 53.95 – dk brown biotite-rich foliated fsp-phyrict dike with 3-5% anhedral fsps to 3mmx3mm; UC@ 58° TCA; LC @ 76° TCA;

Note: this dike/sill is very similar to tht seen in RS09-4 as sills within the metasiltstones/argillites;

Note: granite continues relatively unaltered to 74.93m.

75.23 – 75.68 – Hydrothermal Breccia/breccia vein consisting of angular to rounded clasts of clay-ser alt'd granite floating in a med grey fg to chalcedonic qtz matrix; UC of zone @ 43° TCA; LC of zone @ 48° TCA; flanked above UC by crackle fx'd clay-alt'd granite going out of sericite-qtz-alt'd granite.

Sulphides: 1% diss/blebby pyrite; cut by one late fx with v.fg. py giving it a black colour;

75.66 – 77.95 – below the breccia vein the granite is predominantly sericite-altered with minor clay alt'n locally but importantly has been strongly to intensely fx'd and injected with fg silica +/- py; fracturing includes narrow zones of hydrothermal breccia and some spectacular 'crackle' breccia textures displaying episodal fx'ing and injection, eg. @77.00m; variable vein/fx fills with predominantly med to lt grey silica with little or no pyrite; also see dk grey to black silica partially coloured by very fg py; additionally see blebby fg coarser diss py (brassier) (1-2%) than that seen in fxs/veins;

77.95 – 80.84 – FELDSPAR PORPHYRY SILL

Where unalt'd fine grained dk brown sill with 3-5% equant fsp to 3mmx3mm; foliated with foliation at low core angles; overprinted by strong pervasive beige sericite; cut several white to lt grey chalcedonic veinlets with minor brecciation locally; no sulphides in veinlets; UC@15° TCA; LC @ 25° TCA; Sulphides: <1% diss py;

80.84 – 82.50 – somewhat mottled textured granite with strong fc chlorite; no epithermal overprint; minor cg qtz veining with tr py, sph?; cut by a small fsp-porphyrific sill (81.53 – 81.92); Sulphides: 1% diss py;

82.50 – 127.13 – HYDROTHERMAL ZONE

This is an extensive alteration zone characterized by strong to intense sericite and strong to intense clay alteration; also characterized by intense fx'ing including 'crackle' breccias, hydrothermal breccias, sheeted fx'ing; all fx's filled with fine grained silica (lt to dk grey-sometimes chalcedonic) +/- fg pyrite; the dk grey to black fxs are likely coloured by v.fg.pyrite; the only sulphide identified is pyrite; also within the intense clay alt'd sections see a late stage fc bright white soft talcose-like mineral (likely anthophyllite);

82.50 – 91.68 – alteration sericite dominant with gradual increase in clay alt'n; locally narrow strong clay-alt'd zones; well-dev fc qtz-py as fine black fxs;

83.05 – 83.82 – Hydrothermal Brecca: UC@23°, LC@20°; this breccia characterized by a central milled breccia overprinted by a tan-coloured sericite alteration and flanked by black chalcedonic breccia on either side with matrix to altered granitic clasts a black fg chalcedonic qtz;

Sulphides: 2% diss py;

83.82 – 84.46 – strongly fx'd to brecciated granite with dk grey to black silica fx-fill;

84.46 – 86.25 – well-fx'd sericitically-altered granite with dk grey to black qtz-py fx-fill; fxs very fine (<1mm typically)

86.25 – 87.22 – silica-flooded zone; altered granite replaced by med to dk grey silica in turn cut by black pyritic veinlets @42° TCA;

87.22 – 91.68 – predominantly sericitically-altered granite with weaker fc py+qtz

91.68 – 127.13 – alteration is clay dominant with sericite locally; also characteristic in this zone are late stage bright white fx-fills of anthophyllite; well-developed, multi-generational, grey to black fine qtz+/-py fxs/veinlets; these have a dominant orientation at 35-50° TCA but variable; locally includes silica healed hydrothermal breccia, eg. 97.14 – 97.95; locally see an orange-coloured amorphous alt'n along and as halos to fxs; Sulphides: 1% diss py; very fine pyrite along black fxs with qtz, 1-2%; maybe even finer pyrite actually colouring qtz;

97.14 – 97.95 – hydrothermal breccia with intense clay alteration; granitic clasts floating in a med grey v.fg. silica matrix with some black silica veining near margins; <1% diss py; some vugs in grey chalcedonic qtz;

100.18 – 100.77 – hydrothermal breccia with mostly black fg silica matrix.

107.90 – 113 – strong fc anthophyllite

118.26 – 124.05 – rock is intensely fx'd, broken up, largely reduced to rubble

120.70 – 124.05 – Hydrothermal Breccia; breccia with altered granite clasts floating predominantly in a dk grey silica matrix; rock very broken up;

Sulphides: 1-2% diss/blebby py; poss very fine sulphides in silica producing the dk colour;

124.05 – 125.14 – intensely clay-altered, badly faulted, broken up; black qtz-py fxs dominating;

125.14 – 127.13 – strong clay alt'd granite; minor fc anthophyllite; weaker fc py/qtz(black fxs, 1-2%), <0.5% diss py; lower alteration contact gradational.

127.13 – 127.88 – strongly sericitized granite with weak clay alteration diminishing rapidly;

127.88 – 142.65 – beige patchy pervasive qtz-sericite alt'n; no black qtz-py veinlets; rare narrow chalcedonic veinlets (white to lt grey); 0.5% diss py;

@**132.77** – 1.5cm grey chalcedony-py-anthophyllite veinlet @43° TCA.

END OF HOLE AT 142.65m.

**KOOTENAY GOLD INC. – DRILL LOG
ROSETTA STONE PROJECT**

LOCATION GPS NAD 83

EASTING: 454007

NORTHING: 5545932

ELEVATION: 1618

AZIMUTH: 305°

DIP: -46°

**TOTAL DEPTH:
54.25m**

HOLE #: RS09-6

DATE START: Oct. 7, 2009

DATE COMPLETE: Oct. 8, 2009

LOGGED BY: B. AUGSTEN

0 – 11.89

CASING/OVERBURDEN

11.89 – 25.91

SHANNON LAKE GRANITE

Fine grained equigranular massive granite; where relatively unaltered pale pink to flesh tone to pale green/grey; moderate to strong fc limonite to 22m; most of this unit is variably alt'd in this drillhole as described below;

Sulphides: <0.5% diss py except where noted;

11.89 – 13.31 – mod to strong pervasive qtz-ser alt'n imparting a beige wash to much of the rock; some patches of relatively unalt'd granite; <1% fc/diss py;

13.31 – 16.73 – interval characterize by strong sericite alt'n with some wk to mod clay alt'n; also see strongly developed fxs with black fg qtz+/-py(appears as dk grey to blk fxs); interval also distinguished by several narrow zones of hydrothermal breccia; breccias consist of alt'd granite clasts in a fg matrix of med to dk grey to black qtz +/- py; Sulphides: 1-2% diss py; 2-3% py associated in fxs with or without qtz (often v.fg.);

@ **13.31m** – 4cm breccia vein @ 70° TCA

@ **14.63m** – 4-5cm breccia vein @ 32° TCA

@ **15.87m** – 13cm section of hydrothermal breccia @ 70° TCA;

16.73 – 21.43 – beige pervasive qtz-sericite alt'n obliterating primary igneous textures; strong fc limonite and locally pervasive limonite; minor l tot med grey chalcedonic veinlets to 3mm; <0.5% diss py;

21.43 – 25.91 – strong clay-sericite-anthophyllite alt'd section of granite with mod to strong fine dk grey to black qtz-py fxs and some narrow zones of hydrothermal breccia; also see several 1-4cm white to lt grey chalcedonic veinlets that appear late – cut the hydrothermal breccias and fine black qtz-py fxs;

Note: prominent direction to many black/dk grey qtz-py fxs is 55-65° TCA. Lower contact relationships obscured by rubble.

Sulphides: overall 1% diss py, 2-3% v.fn.fc py;

22.15 – 22.40 – Hydrothermal breccia

25.91 – 54.25

ARGILLITE/METASILSTONE

Laminated argillite/metasilstone; fine grained dk brown to black rock; grades into predominantly fg biotite-rich (hornfelsed) metasilstone; well laminated with laminations @ 0-15° TCA;

25.91 – 29.87 – strongly faulted, strongly graphitic argillaceous sediment; poor core recovery; excellent conductor; where more competent 1-3% py as diss, blebs along fol surfaces;

29.87 – 54.25 – predominantly biotite-rich, dk brown, metasilstone with lesser graphite-rich laminae of argillaceous sed; 2-3% qtz boudins/disrupted qtz sweats; tr diss po, tr py, cpy on dry fxs, qtz boudings, sweats; weak to moderate interstitial/fc calcite;

END OF HOLE AT 54.25m.

KOOTENAY GOLD INC. – DRILL LOG
ROSETTA STONE PROJECT
LOCATION GPS NAD 83

EASTING: 454007

AZIMUTH: 305°

NORTHING: 5545932

ELEVATION: 1618

DIP: -65°

**TOTAL DEPTH:
109.12m**

HOLE #: RS09-7

DATE START: Oct. 8, 2009

**DATE COMPLETE: Oct. 9,
2009**

LOGGED BY: B. AUGSTEN

0 – 9.75 CASING/OVERBURDEN

9.75 – 109.12

SHANNON LAKE GRANITE

Fine grained, equigranular massive granite; variably alt'd as described below; host to hydrothermal alteration, hydrothermal breccias and qtz-py veining;

9.75 – 16.37 – pale pink coloured granite with narrow alteration bands of pale yellow/beige pervasive sericite; these bands form as alteration envelopes to fxs; moderately well-developed fc limonite; relatively unaltered overall;

Sulphides: tr to <0.5% diss py; tr py on fx(minor qtz-py fxs @ 15.4m with pervasive to more intense alt'n).

16.37 – 39.15 – **Phyllic zone**; alteration dominated by beige sericite and quartz forming a very hard amorphous alteration obliterating igneous textures; alt'n also includes lesser clay-altered zones and locally well-developed bright white fc anthophyllite as described below; within this overall alt'd section are numerous zones/bands of silicified hydrothermal breccia; these vary from several cm's to m-scale as described below; as part of hydrothermal alt'n also see some lt grey to white chalcedonic qtz veins with no sulphides; these appear late in the system;

18.75 – 20.61 – Hydrothermal breccia; consists of beige/orange-beige coloured granitic clasts in a matrix of lt to med grained fg silica. This in turn has locally been cut and brecciated by white to med grey chalcedonic qtz; within this later qtz(chalcedony) see drusy qtz-lined cavities; UC of zone marked by a lte? White chalcedony vein @ 36° TCA;

20.61 – 21.30 – pervasive qtz-sericite alt'n; minor qtz-py fxs;

21.30 – 23.66 – strongly fx'd section of qtz-ser alt'd granite with well-developed white fc anthophyllite; includes crackle fx'd zones, narrow zones of hydrothermal breccia with med grey qtz(fg) fx-fill and veinlets; narrow (1-3mm) grey veinlets @ 75° TCA; also noteworthy especially within zone of strong anthophyllite fx-fill (22.5m) see late orange alt'n overprint over sericite/clay alt'd granite;

Sulphides: 1% diss py; 1-2% fc/veinlet py (usually as v.fg.py within grey qtz veinlets)

23.66 – 39.15 – predominantly beige qtz-sericite alt'd granite(weak local clay alt'n); clay alt'n picks up to LC; rare dk grey to black qtz veinlets to 2-3mm (1%); minor narrow zones of hydrothermal breccia veins (<2cm);
Sulphides: 1% diss py; <0.5% py associated with fxs, grey qtz veinlets;

39.15 – 63.65 –Argillic zone: Alteration becomes progressively more dominated by clay; feldspars completely altered to clay; only locally weak sericite; argillic alteration characterized locally by fc anthophyllite; section includes some hydrothermal breccia and strong quartz veining; quartz occurs in several forms;

1. very fine, usually <1mm fxs/veinlets; med to dk grey to black and may include pyrite, **2.** as matrix to hydrothermal breccias – lt grey to dk grey to black, fg to chalcedonic (pyrite may be colouring dk grey to black qtz), **3.** white to lt grey chalcedonic veins; tend to be larger (several cm's) and late, cutting all other vein types;

Overall intensity of veining, fx'ing is much higher than in phyllic zone; in general within the argillic zone, the rock tends to be more intensely fx'd/shattered versus the phyllic zone; this is manifested by higher density of fine subparallel to parallel, 1-3mm qtz +/- py veinlets, hydrothermal breccia and crackle breccia; the small <1-3mm qtz+/-py fxs have a preferred orientation @50-55° TCA with some variability.

Sulphides; overall sulphides in argillic zone, 2% fn diss py, 1-2% v.fg. py in fxs with qtz.

44 – 44.76 – Hydrothermal Breccia; med grey to black silica matrix with silicified granite fragments; 1-2% diss/blebby py;

@**60.72** – 1cm hydrothermal breccia vein @ 25° TCA; 20% rock fragments(alt'd granite) floating in a med grey to dk grey silica matrix; 1% diss py (poss much more v. fg py);

Note: this argillic zone dies out rapidly going from intense clay alteration to unaltered granite within 50cm.

63.65 – 109.12 – Unaltered granite; unaltered to weakly alt'd granite/granodiorite; weak to mod patchy pervasive sericite; locally chalcedonic veining with weak clay and strong sericite as noted; locally chlorite +/-py fxs; cut by several mafic dikes as noted; tr py overall;

66.08 – 66.69 – strong pervasive qtz-sericite +/- clay with grey chalcedonic qtz veinlets and fg py fxs(+/-qtz);

69.88 – 70.86 – melanocratic fg biotite-rich fsp-porphyrific dike with 7% anhedral fsps to 3mmx2mm (average 1.5x1.5mm) in a fg dk brown biotite-rich groundmass; overprinted by patchy weak sericite/chlorite alteration; UC@ 62°, LC@ 50° TCA;

71.84 – 72.46 – Feldspar Porphyry Dike: same as previous; foliated parallel to contacts; UC@ 46° TCA; LC @ 50° TCA;

91.40 – 93.19 – strong beige qtz-ser alt'n with 2% blebby/fc py;

102.18 – 104.30- strong pervasive white to beige qtz-sericite alt'n with 2% blebby/fc py;

END OF HOLE AT 109.12m.

KOOTENAY GOLD INC. – DRILL LOG
ROSETTA STONE PROJECT
LOCATION GPS NAD 83
EASTING: 454309 **AZIMUTH: 084**
NORTHING: 5545769 **DIP: -46**
ELEVATION: 1772 **TOTAL DEPTH:**
 60.35m

HOLE #: RS09-8
DATE START: Oct. 9, 2009
DATE COMPLETE: Oct. 10, 2009
LOGGED BY: B. AUGSTEN

0 – 1.83

OVERBURDEN/CASING

1.83 – 29.40

RUBY RANGE DIORITE

Medium grained, melanocratic, massive porphyritic rock comprised of 20% equant to tabular, anhedral to euhedral feldspars set in a black fg biotite-rich groundmass; non-foliated; trace amounts of interstitial calcite; non-magnetic; fsp weakly to moderately sericitized; Sulphides: <0.5% diss py;
Note: at lower contact it appears that the Shannon lake granite has intruded the diorite and 'stoped' it at the contact; also see grain size reduction (chill margin) in the diorite at the contact.

13.30 -13.77 – LAMPROPHYRE:

Dark green to black, massive lamprophyre dike; strongly chloritized; strong pervasive calcite; moderately magnetic; UC @ 67° TCA; LC obscured;

29.40 – 60.35

SHANNON LAKE GRANITE

Where fresh pale grey to typically pale pink/flesh tone; fine grained massive; non-magnetic; fx'd, broken; locally well-developed chlorite on fxs, eg. 43.35m.
Sulphides: tr diss py

43.52 – 43.88 – MAFIC DIKE:

Fine grained, black chloritized mafic dike; massive; moderate pervasive calcite; contacts unclear due to broken core; tr diss py;

@**45.42** – 3-5cm coarse grained white qtz vein with very diffuse margins; includes <0.3% py as coarse grained aggregates to 0.5cm; vein @ 50° TCA but irregular due to diffuse margins;

43.88 – 45.59 – well-developed chlorite on fxs; <1% diss/fc py

52.40 – 53.40 – within this interval see a set of subparallel fxs filled with extremely fg hard black mineral (poss fn sulphide?, tourmaline?); fxs @ 55-60° TCA; distinguished also by bleached halos(possible Na alt'n, silicification); <0.5% diss/fc py;

53.40 – 54.00 – MAFIC DIKE:

Black, fg, massive rock; non-magnetic; contacts unclear due to rubble;

54.25 – 60.35 – weakly alt'd pinkish to brick red fine grained granite; where brick red see bleached halos around fxs (sericite); tr diss py;

@**58.65** – 10cm basalt dikelet at 52° TCA;

Note: weak limonite on fxs to end of hole.

END OF HOLE AT 60.35m.

**KOOTENAY GOLD INC. – DRILL LOG
ROSETTA STONE PROJECT**

LOCATION GPS NAD 83

EASTING: 454492

NORTHING: 5546128

ELEVATION: 1798

AZIMUTH: 070

DIP: -46

**TOTAL DEPTH:
71.32m**

HOLE #: RS09-9

DATE START: Oct. 10, 2009

DATE COMPLETE: Oct. 10, 2009

LOGGED BY: B. AUGSTEN

0 – 1.83

OVERBURDEN/CASING

1.83 – 43.85

SHANNON LAKE GRANITE

Fine to med grained, massive granite; <5% chloritized mafics; med grey/green to brick red colour; non-magnetic; variably altered as described below; LC sharp @ 65° TCA;
Sulphides: overall tr diss py

1.83 – 10.44 – lt grey/green massive granite; patchy brick red pervasive hematite; well-developed fc limonite and pervasive limonite as halos to fxs; cut by several narrow coarse grained white qtz veins (<1cm – 3cm); qtz veins @ 47°, 21°; veinlets contain <1% fc py; veins have bleached and limonitic envelopes;

Sulphides: 1% diss py

@**10.25** – first appearance of a 1cm low angle(10° TCA) grey chalcedonic qtz veinlet with 2-3% pyrite; selvages of veinlet a darker grey to black qtz; some associated fxing with fine chalcedonic veining, microbrecciation;

10.44 – 12.77 – MAFIC DIKE: dark green/grey to pale green, massive dike; where darker green, strong pervasive calcite; non-magnetic; no visible sulphides; LC sharp @ 50° TCA;

11.50 – 12.77 – strong clay/chorite alteration with some limonitic fxs;

12.77 – 21.61 – clay/sericite altered granite; weak to mod clay alteration; strong sericite altered where not clay altered; locally well-developed anthophyllite, eg. 18.2m; interval contains narrow zones of hydrothermal breccia and well-developed narrow grey chalcedonic veining;

12.77 – 13.91 – some hydrothermal breccia (10-15cm) and strong grey chalcedonic veining/stockwork hosted by clay-altered granite; overprinted by intense fc limonite and strong pervasive limonite;

Sulphides: 3-4% py (diss and coarse aggregates)

13.91 – 16.70 – intense sericite altered granite; well-developed narrow grey chalcedonic veinlets(3%); veinlets commonly at 55° TCA; some fc/pervasive limonite;

Sulphides: 3% blebby/diss py;

16.70 – 19.04 – predominantly clay+/- anthophyllite altered granite; cut by strong network of lt grey to dk grey chalcedonic veining/stockwork; granite locally 'crackle' fx'd and infilled with chalcedonic qtz; dk grey to black veins/fxs tend to be narrow (1mm or less); anthophyllite forms in veins replacing chalcedony (late stage); mod fc and locally pervasive limonite; Sulphides: 1-2% diss py predominantly and likely as v.fg py colouring the dk grey qtz.

19.04 – 21.61 – pervasive qtz-sericite alteration; rock is predominantly an amorphous beige colour; cut by weak chalcedonic veining mostly near upper contact; well-developed fc +/- pervasive limonite;

Sulphides: 1% diss py; <1% fc py or py in veinlets;

21.61 – 43.85 – relatively unaltered massive granite; some patchy pervasive pinkish hematite(kspar?); minor chloritic fxs; @**33.00** – 4cm lt grey coarse grained qtz vein; intensely fx'd with mostly chlorite fx-fill plus 1-2% py, tr sph (pale reddish/brown); veinlet preceded by 8cm of bleached granite with strong chlorite fxs;

33.04 – 33.41 – DIKE? – very fg dk brown massive biotite-qtz-fsp rock; non-magnetic; contacts unclear;

@**33.41** – 5cm qtz vein similar to that above dike; white to lt grey; 1-2% py as fc and as coarse aggregates; tr sph; possible dk brown tourmaline;

33.41 – 33.68 – sericite altered granite with 3% fc chlorite; dk grey coloured; amorphous;

39.08 – 40.85 – LAMPROPHYRE: Black, strongly chloritized massive biotite lamprophyre; strong pervasive calcite; non-magnetic; no visible sulphides; good chill margins; UC irregular; LC sharp @40° TCA;
42.06 – 42.97 – xenolith of banded brown/grey metasiltstone;

43.85 – 53.79

METASILTSTONE(CHERT?)

Fine grained, biotite hornfelsed cherty metasiltstone; grey/pale green to purplish/brown, mottled to laminated; qtz veins and bedding parallel veinlets common; laminations @ 73° TCA; LC sharp @ 85° TCA (irregular)
Sulphides: 3% v. fg diss py and py on dry fxs;

53.79 – 55.89

GRANODIORITE

Fine to med grained, moderately sericitized granodiorite; minor diffuse white qtz veins with pyrite in large (<1cm) aggregates; 1% fc calcite; UC @ 70° (irregular), LC @ 48° TCA;
Sulphides: overall 1% diss py;

55.89 – 56.49

METASILTSTONE (as previous)

56.49 – 62.47

GRANODIORITE

Leucocratic, sheared, fx'd granodiorite; strongly sericitized; chloritized mafics; UC @ 60°, LC @ 68°;
Sulphides: 2-3% py as blebs, diss, and along fxs/fol surfaces;

58.95 – 59.12 – LAMPROPHYRE: strongly chloritized; strong pervasive calcite; UC @ 38°, LC @ 47°;

62.47 – 63.98

METASILTSTONE (as previous)

63.98 – 65.67

GRANODIORITE

Leucocratic, sericitized granodiorite with 2% fine black chlorite + py fxs; trace reddish/brown sph in fxs; UC unclear due to rubble; LC sharp @ 73°;
Sulphides: 1% diss py, tr sph;

65.67 – 66.98

METASILTSTONE (as previous)

Biotite-rich, not as cherty

66.98 – 68.88

GRANODIORITE

Leucocratic, sericitized, fine grained; UC @ 70°, LC sharp @ 60°;
Sulphides: tr diss py;

68.88 – 71.32

METASILTSTONE (as previous)

Includes a 10cm sill of granodiorite; weak fc calcite; bedding at 67° (bedding manifested by contrast between darker black argillite in contact with hornfelsed reddish/brown siltstone)

End of Hole at 71.32 metres

**KOOTENAY GOLD INC. – DRILL LOG
ROSETTA STONE PROJECT
LOCATION GPS NAD 83**

**EASTING: 454645 AZIMUTH: 187
NORTHING: 5546087 DIP: -46
ELEVATION: 1835 TOTAL DEPTH:
60.66m**

HOLE #: RS09-10

**DATE START: Oct. 11, 2009
DATE COMPLETE: Oct. 11, 2009**

LOGGED BY: B. AUGSTEN

0 – 3.05

OVERBURDEN/CASING

3.05 – 60.66

SHANNON LAKE STOCK

Fine to med grained, massive, leucocratic granite; weak to strong pervasive sericite; locally narrow zones of clay/anthophyllite alteration; non-magnetic; well-developed fc limonite and from 3.05 thru 37m pervasive limonite as halos to fxs; locally silicified as a lt grey wash; Sulphides: overall <1% fg diss py, (locally some py in fxs+/- Qtz veinlets);

8.00 – 9.00 – moderate clay +/- anthophyllite alteration with anthophyllite on slickensided fx surfaces;

22.00 – 24.70 – weakly altered granite

24.70 – 25.80 – mod to strong pervasive sericite

25.80 – 29.50 – strong pervasive sericite with small localized (<10cm) zones of stronger clay alteration accompanied by fine, <1mm, grey chalcedonic veinlets/fx-fill; see 1% fine py fxs; Sulphides: <1% diss py, 1% fc py;

@29.20 – narrow zone of brecciated granite with chalcedonic matrix @ 5° TCA;

35.74 – 36.07 – hydrothermal breccia vein with clay/anthophyllite altered granite clasts in a med grey chalcedonic matrix; ‘vein’ at 33° TCA; vein flanked by strong wallrock sericite +/- clay to +50cm on either side;

36.50 – 51.10 – predominantly unaltered or weakly altered granite with patchy pervasive sericite and very localized clay +/- anthophyllite alteration usually associated with chalcedonic veining; some barren chalcedonic veining;

51.10 – 52.60 – strong pervasive sericite alteration with weak clay alteration of fsp; <1% fc py; 1-2% diss py;

52.60 – 60.66 – weak patchy pervasive sericite; minor chl/py fxs; moderate fx limonite to end of hole;

End of Hole at 60.66m.

KOOTENAY GOLD INC. – DRILL LOG
ROSETTA STONE PROJECT
LOCATION GPS NAD 83
EASTING: 454652 **AZIMUTH:240**
NORTHING: 5546093 **DIP: -46**
ELEVATION: 1835 **TOTAL DEPTH:**
 51.21m

HOLE #: RS09-11
DATE START: Oct. 11, 2009
DATE COMPLETE: Oct. 11, 2009
LOGGED BY: B. AUGSTEN

0 – 3.05 **CASING/OVERBURDEN**

3.05 – 4.94 **LAMPROPHYRE**
Fine grained, biotite lamprophyre; massive; strongly magnetic;
moderately chloritized although biotites unaltered; weak limonite on fxs;
LC unclear;

4.94 – 17.60 **SHANNON LAKE GRANITE**
Fine to med grained, massive, leucocratic granite; <5% chloritized fg
mafic; well-dev limonite on fxs to end of hole; well-developed
pervasive limonite as halos/envelopes to fxs;
4.94 – 10.60 – moderate patchy pervasive qtz-sericite as a pale
yellowish/beige wash; contacts gradational;
Sulphides: 1% diss py; 1-2% fc py;

10.60 – 17.60 – intense sericite+/- qtz with lesser clay/anthophyllite
alteration; also characterized by prominent black fine fxs of py+/-qtz;
minor barren lt to med grey chalcedonic veinlets;
Sulphides: 1% diss py; 2-3% fc py;
 @14.75 – 2cm dk grey hydrothermal breccia vein consisting of
 very fine fragments of clay/sericite altered granite in a matrix of
 very fg dk grey silica and pyrite; veinlet @ 35° TCA;

 17.34 – 17.52 – several narrow 1-3mm parallel py fxs @ 56°
 TCA; (partially oxidized)

17.60 – 20.60 **LAMPROPHYRE**
Clay/chlorite altered biotite lamprophyre; locally faulted; cut by several
narrow, lt to med grey, chalcedonic qtz veinlets +/- py; pale green clay
development on fxs; LC sharp @ 20° TCA; Contact faulted with
slickensides on fault surface;
Sulphides: <0.5% diss py;

20.60 – 51.21 **SHANNON LAKE GRANITE**
Similar to that above dike; irregular patchy pervasive qtz-sericite wash;
cut by two small mafic dikes; locally mod to strong clay +/-anthophyllite
development;
Sulphides: <1% diss py, <0.5% fc py (except where noted)

29.60 – 32.72 – zone of increasing sericite + clay +/- anthophyllite alteration with increasing intensity of fine black pyritic fxs and chalcedonic fxs/veinlets; zone culminates in a section of hydrothermal breccia (31.87-32.72); where best developed, hydrothermal breccia consists of angular to rounded clasts of previously brecciated and healed granite; fragments are 'floating' in a matrix of fg grey silica and pyrite; with the breccia py>10%; within this section strong fc/pervasive limonite;

Sulphides: overall 2-3% fc py, <1% diss py;

@**30.45** – 1cm black chalcedonic +/- py veinlet @35° TCA with crackle breccia on wallrock; crackle breccia matix consists of black silica and pyrite

32.72 – 33.46 – clay/sericite altered granite becoming progressively weaker altered; strong pervasive limonite; no visible sulphides;

33.46 – 51.21 – overall weakly altered granite with localized zones of pervasive qtz-sericite alteration; patchy pervasive limonite; moderate fc limonite to end of hole;

Sulphides: minor fc py in qtz-sericite-altered zones only; <0.5% diss py; <0.5% fc py;

END OF HOLE AT 51.21 metres;

APPENDIX II
SAMPLE LOGS

**KOOTENAY GOLD INC
ROSETTA STONE PROJECT
SAMPLE LOG**

| SAMPLE ID | HOLE ID | From (m) | To (m) | Width (m) | Au (g/t)Fire Assay | Au(g/t) Met Screen |
|------------------|----------------|------------------------------|---------------|------------------|---------------------------|---------------------------|
| 981651 | RS09-1 | 18.00 | 20.00 | 2.00 | <0.01 | <0.01 |
| 981652 | RS09-1 | 20.00 | 22.00 | 2.00 | <0.01 | <0.01 |
| 981653 | RS09-1 | 22.00 | 23.66 | 1.66 | <0.01 | <0.01 |
| 981654 | RS09-1 | 23.66 | 24.92 | 1.26 | 0.06 | 0.05 |
| 981655 | | Mineralized Std | | | 1.21 | |
| 981656 | RS09-1 | 24.92 | 25.66 | 0.74 | 0.23 | 0.22 |
| 981657 | RS09-1 | 25.66 | 26.00 | 0.34 | 0.09 | 0.09 |
| 981658 | RS09-1 | 26.00 | 27.00 | 1.00 | 0.05 | 0.03 |
| 981659 | RS09-1 | 27.00 | 28.00 | 1.00 | 0.03 | 0.03 |
| 981660 | RS09-1 | 28.00 | 30.00 | 2.00 | 0.13 | 0.11 |
| 981661 | | Duplicate of previous | | | 0.11 | |
| 981662 | RS09-1 | 30.00 | 33.00 | 3.00 | 0.20 | 0.15 |
| 981664 | RS09-1 | 33.00 | 33.80 | 0.80 | 0.04 | 0.07 |
| 981665 | RS09-1 | 33.80 | 35.05 | 1.25 | 0.36 | 0.77 |
| 981666 | RS09-1 | 35.05 | 37.00 | 1.95 | <0.01 | <0.01 |
| 981667 | | Blank Standard | | | <0.01 | |
| 981668 | RS09-1 | 37.00 | 39.01 | 2.01 | 0.01 | <0.01 |
| 981669 | RS09-1 | 39.01 | 41.23 | 2.22 | <0.01 | <0.01 |
| 981670 | RS09-1 | 41.23 | 42 | 0.77 | <0.01 | <0.01 |
| 981671 | RS09-1 | 42.00 | 44.00 | 2.00 | <0.01 | <0.01 |
| 981672 | RS09-1 | 44.00 | 54.00 | 10.00 | <0.01 | <0.01 |
| 981673 | RS09-1 | 54.00 | 56.00 | 2.00 | <0.01 | <0.01 |
| 981674 | RS09-1 | 56.00 | 57.10 | 1.10 | <0.01 | <0.01 |
| 981675 | RS09-2 | 15.86 | 17.00 | 1.14 | <0.01 | <0.01 |
| 981676 | RS09-2 | 17.00 | 18.75 | 1.75 | <0.01 | <0.01 |
| 981677 | | Mineralized Std | | | 1.20 | |
| 981678 | RS09-2 | 18.75 | 20.13 | 1.38 | <0.01 | <0.01 |
| 981679 | RS09-2 | 20.13 | 21.03 | 0.90 | <0.01 | <0.01 |
| 981680 | RS09-2 | 21.03 | 24.00 | 2.97 | <0.01 | <0.01 |
| 981681 | RS09-2 | 24.00 | 26.00 | 2.00 | <0.01 | <0.01 |
| 981682 | RS09-2 | 26.00 | 28.00 | 2.00 | <0.01 | <0.01 |
| 981683 | | Duplicate of Previous | | | <0.01 | |
| 981684 | RS09-2 | 28.00 | 30.00 | 2.00 | 1.30 | 0.98 |
| 981685 | RS09-2 | 30.00 | 32.00 | 2.00 | <0.01 | <0.01 |
| 981686 | RS09-2 | 32.00 | 32.92 | 0.92 | <0.01 | <0.01 |
| 981687 | RS09-2 | 32.92 | 33.44 | 0.52 | <0.01 | <0.01 |

| SAMPLE ID | HOLE ID | From (m) | To (m) | Width (m) | Au (g/t)Fire Assay | Au(g/t) Met Screen |
|-----------|---------|------------------------------|--------|-----------|--------------------|--------------------|
| 981688 | RS09-2 | 33.44 | 35.00 | 1.56 | <0.01 | 0.02 |
| 981689 | | Blank Standard | | | <0.01 | |
| 981690 | RS09-2 | 35.00 | 36.40 | 1.40 | <0.01 | <0.01 |
| 981691 | RS09-2 | 36.40 | 38.00 | 1.60 | <0.01 | <0.01 |
| 981692 | RS09-2 | 38.00 | 40.00 | 2.00 | <0.01 | <0.01 |
| 981693 | RS09-2 | 40.00 | 42.00 | 2.00 | 0.03 | 0.03 |
| 981694 | RS09-2 | 42.00 | 42.50 | 0.50 | 0.03 | 0.03 |
| 981695 | | Mineralized Std | | | 1.16 | |
| 981696 | RS09-2 | 42.50 | 43.40 | 0.90 | 0.03 | 0.04 |
| 981697 | RS09-2 | 43.40 | 45.00 | 1.60 | 0.03 | 0.03 |
| 981698 | RS09-2 | 45.00 | 47.00 | 2.00 | 0.02 | 0.02 |
| 981699 | RS09-2 | 47.00 | 49.00 | 2.00 | <0.01 | <0.01 |
| 981700 | RS09-2 | 49.00 | 51.00 | 2.00 | 0.06 | 0.05 |
| 36001 | | Duplicate of previous | | | 0.07 | |
| 36002 | RS09-2 | 51.00 | 53.00 | 2.00 | 0.02 | 0.02 |
| 36003 | RS09-2 | 53.00 | 55.00 | 2.00 | <0.01 | <0.01 |
| 36004 | RS09-2 | 55.00 | 57.00 | 2.00 | 0.02 | 0.02 |
| 36005 | RS09-2 | 57.00 | 58.00 | 1.00 | 0.01 | <0.01 |
| 36006 | RS09-2 | 58.00 | 60.00 | 2.00 | 0.03 | 0.03 |
| 36007 | | Blank Standard | | | <0.01 | |
| 36008 | RS09-2 | 60.00 | 61.00 | 1.00 | 2.75 | 3.44 |
| 36009 | RS09-2 | 61.00 | 61.85 | 0.85 | 0.49 | 0.29 |
| 36010 | RS09-2 | 61.85 | 62.75 | 0.90 | 0.02 | 0.03 |
| 36011 | RS09-2 | 62.75 | 63.55 | 0.80 | 0.02 | 0.07 |
| 36012 | RS09-2 | 63.55 | 65.00 | 1.45 | 0.04 | 0.02 |
| 36013 | RS09-2 | 65.00 | 66.50 | 1.50 | 0.20 | 0.20 |
| 36014 | RS09-2 | 66.50 | 68.00 | 1.50 | 0.26 | 0.09 |
| 36015 | RS09-2 | 68.00 | 69.46 | 1.46 | 0.26 | 0.44 |
| 36016 | RS09-2 | 69.46 | 71.00 | 1.54 | 0.05 | 0.05 |
| 36017 | | Mineralized Std | | | 1.15 | |
| 36018 | RS09-2 | 71.00 | 73.00 | 2.00 | 0.09 | 0.18 |
| 36019 | RS09-2 | 73.00 | 75.00 | 2.00 | 0.06 | 0.05 |
| 36020 | RS09-2 | 75.00 | 77.00 | 2.00 | 0.07 | 0.12 |
| 36021 | RS09-2 | 77.00 | 78.00 | 1.00 | 0.07 | 0.03 |
| 36022 | RS09-2 | 78.00 | 79.50 | 1.50 | <0.01 | <0.01 |
| 36023 | | Duplicate of previous | | | <0.01 | |
| 36024 | RS09-2 | 79.50 | 81.00 | 1.50 | <0.01 | <0.01 |
| 36025 | RS09-2 | 81.00 | 83.00 | 2.00 | <0.01 | <0.01 |
| 36026 | RS09-2 | 83.00 | 85.00 | 2.00 | <0.01 | <0.01 |
| 36027 | RS09-2 | 85.00 | 87.00 | 2.00 | <0.01 | <0.01 |

| SAMPLE ID | HOLE ID | From (m) | To (m) | Width (m) | Au (g/t)Fire Assay | Au(g/t) Met Screen |
|-----------|---------|------------------------------|--------|-----------|--------------------|--------------------|
| 36028 | RS09-2 | 87.00 | 89.00 | 2.00 | <0.01 | <0.01 |
| 36029 | | Blank Standard | | | <0.01 | |
| 36030 | RS09-2 | 89.00 | 91.00 | 2.00 | <0.01 | <0.01 |
| 36031 | RS09-2 | 107.00 | 109.00 | 2.00 | <0.01 | <0.01 |
| 36032 | RS09-2 | 109.00 | 111.00 | 2.00 | 0.01 | 0.01 |
| 36033 | RS09-3 | 22.80 | 24.00 | 1.20 | <0.01 | <0.01 |
| 36034 | RS09-3 | 24.00 | 25.50 | 1.50 | <0.01 | <0.01 |
| 36035 | | Mineralized Std | | | 1.28 | |
| 36036 | RS09-3 | 30.80 | 31.80 | 1.00 | <0.01 | <0.01 |
| 36037 | RS09-3 | 36.00 | 38.00 | 2.00 | <0.01 | <0.01 |
| 36038 | RS09-3 | 38.00 | 39.00 | 1.00 | <0.01 | <0.01 |
| 36039 | RS09-3 | 39.00 | 40.35 | 1.35 | <0.01 | <0.01 |
| 36040 | RS09-3 | 76.90 | 78.00 | 1.10 | 0.01 | 0.01 |
| 36041 | | Duplicate of previous | | | 0.01 | |
| 36042 | RS09-3 | 78 | 79.8 | 1.8 | 0.01 | 0.01 |
| 36043 | RS09-3 | 79.8 | 81.5 | 1.7 | <0.01 | <0.01 |
| 36044 | RS09-3 | 81.5 | 83.5 | 2 | <0.01 | <0.01 |
| 36045 | RS09-3 | 83.5 | 84.65 | 1.15 | <0.01 | <0.01 |
| 36046 | RS09-3 | 84.65 | 86 | 1.35 | 0.02 | 0.01 |
| 36047 | | Blank Standard | | | <0.01 | |
| 36048 | RS09-3 | 86.00 | 87.00 | 1.00 | 0.03 | 0.03 |
| 36049 | RS09-3 | 87.00 | 88.00 | 1.00 | 0.04 | 0.04 |
| 36050 | RS09-3 | 88.00 | 89.20 | 1.20 | 0.04 | 0.05 |
| 36051 | RS09-3 | 89.20 | 91.00 | 1.80 | 0.06 | 0.08 |
| 36052 | RS09-3 | 91.00 | 93.00 | 2.00 | 0.06 | 0.06 |
| 36053 | RS09-3 | 93.00 | 95.00 | 2.00 | 0.02 | 0.03 |
| 36054 | RS09-3 | 95.00 | 97.00 | 2.00 | 0.03 | 0.02 |
| 36055 | RS09-3 | 97.00 | 99.00 | 2.00 | 0.18 | 0.08 |
| 36056 | RS09-3 | 99.00 | 101.00 | 2.00 | 0.21 | 0.17 |
| 36057 | | Mineralized Std | | | 1.20 | |
| 36058 | RS09-3 | 101.00 | 102.00 | 1.00 | 0.07 | 0.06 |
| 36059 | RS09-3 | 102.00 | 103.40 | 1.40 | 0.07 | 0.09 |
| 36060 | RS09-3 | 103.40 | 105.00 | 1.60 | 0.09 | 0.06 |
| 36061 | RS09-3 | 105.00 | 106.00 | 1.00 | 0.05 | 0.05 |
| 36062 | RS09-3 | 106.00 | 108.00 | 2.00 | 0.09 | 0.09 |
| 36063 | | Duplicate of previous | | | 0.09 | |
| 36064 | RS09-3 | 108.00 | 110.00 | 2.00 | 0.05 | 0.04 |
| 36065 | RS09-3 | 110.00 | 112.00 | 2.00 | 0.13 | 0.11 |
| 36066 | RS09-3 | 112.00 | 114.00 | 2.00 | 0.09 | 0.09 |
| 36067 | RS09-3 | 114.00 | 115.40 | 1.40 | 0.04 | 0.02 |

| SAMPLE ID | HOLE ID | From (m) | To (m) | Width (m) | Au (g/t) Fire Assay | Au(g/t) Met Screen |
|-----------|---------|-----------------------|--------|-----------|---------------------|--------------------|
| 36068 | RS09-3 | 115.40 | 117.00 | 1.60 | 0.08 | 0.04 |
| 36069 | | Blank Standard | | | <0.01 | |
| 36070 | RS09-3 | 117.00 | 119.00 | 2.00 | 0.05 | 0.04 |
| 36071 | RS09-3 | 119.00 | 120.85 | 1.85 | 0.10 | 0.08 |
| 36072 | RS09-3 | 120.85 | 122.00 | 1.15 | 0.02 | 0.02 |
| 36073 | RS09-3 | 122.00 | 124.00 | 2.00 | 0.02 | <0.01 |
| 36074 | RS09-3 | 124.00 | 125.15 | 1.15 | <0.01 | <0.01 |
| 36075 | | Mineralized Std | | | 1.26 | |
| 36076 | RS09-3 | 125.15 | 125.90 | 0.75 | 0.01 | <0.01 |
| 36077 | RS09-3 | 125.90 | 127.50 | 1.60 | <0.01 | <0.01 |
| 36078 | RS09-3 | 127.50 | 129.50 | 2.00 | 0.09 | 0.08 |
| 36079 | RS09-3 | 129.50 | 131.10 | 1.60 | 0.35 | 0.49 |
| 36080 | RS09-3 | 131.10 | 133.00 | 1.90 | 0.11 | 0.10 |
| 36081 | | Duplicate of previous | | | 0.12 | |
| 36082 | RS09-3 | 133.00 | 135.00 | 2.00 | <0.01 | 0.02 |
| 36083 | RS09-3 | 135.00 | 137.00 | 2.00 | <0.01 | <0.01 |
| 36084 | RS09-3 | 137.00 | 139.00 | 2.00 | <0.01 | 0.02 |
| 36085 | RS09-3 | 139.00 | 141.00 | 2.00 | <0.01 | <0.01 |
| 36086 | RS09-3 | 141.00 | 143.00 | 2.00 | 0.01 | 0.02 |
| 36087 | | Blank Standard | | | <0.01 | |
| 36088 | RS09-3 | 143.00 | 145.00 | 2.00 | <0.01 | <0.01 |
| 36089 | RS09-3 | 145.00 | 146.70 | 1.70 | <0.01 | <0.01 |
| 36090 | RS09-3 | 146.70 | 149.00 | 2.30 | <0.01 | <0.01 |
| 36091 | RS09-3 | 149.00 | 151.50 | 2.50 | <0.01 | <0.01 |
| 36092 | RS09-3 | 151.50 | 153.30 | 1.80 | <0.01 | <0.01 |
| 36093 | RS09-3 | 153.30 | 154.70 | 1.40 | <0.01 | <0.01 |
| 36094 | RS09-3 | 154.70 | 156.00 | 1.30 | <0.01 | <0.01 |
| 36095 | RS09-3 | 156.00 | 158.00 | 2.00 | <0.01 | <0.01 |
| 36096 | RS09-3 | 158.00 | 159.80 | 1.80 | <0.01 | 0.02 |
| 36097 | | Mineralized Std | | | 1.18 | |
| 36098 | RS09-3 | 159.80 | 161.40 | 1.60 | 0.02 | 0.02 |
| 36099 | RS09-3 | 161.40 | 163.00 | 1.60 | <0.01 | <0.01 |
| 36100 | RS09-3 | 163.00 | 165.00 | 2.00 | <0.01 | <0.01 |
| 36101 | RS09-3 | 165.00 | 166.35 | 1.35 | <0.01 | <0.01 |
| 36102 | RS09-3 | 166.35 | 168.00 | 1.65 | <0.01 | <0.01 |
| 36103 | | Duplicate of previous | | | <0.01 | |
| 36104 | RS09-3 | 178.20 | 179.00 | 0.80 | <0.01 | <0.01 |
| 36105 | RS09-4 | 28.45 | 30.25 | 1.80 | <0.01 | <0.01 |
| 36106 | RS09-4 | 37.15 | 38.24 | 1.09 | <0.01 | <0.01 |
| 36107 | RS09-4 | 38.24 | 40.00 | 1.76 | <0.01 | <0.01 |

| SAMPLE ID | HOLE ID | From (m) | To (m) | Width (m) | Au (g/t) Fire Assay | Au(g/t) Met Screen |
|-----------|---------|------------------------------|--------|-----------|---------------------|--------------------|
| 36108 | RS09-4 | 40.00 | 42.00 | 2.00 | <0.01 | <0.01 |
| 36109 | | Blank Standard | | | <0.01 | |
| 36110 | RS09-4 | 42.00 | 44.00 | 2.00 | <0.01 | <0.01 |
| 36111 | RS09-4 | 44.00 | 46.25 | 2.25 | <0.01 | <0.01 |
| 36112 | RS09-4 | 46.25 | 48.00 | 1.75 | 0.04 | 0.04 |
| 36113 | RS09-4 | 48.00 | 50.00 | 2.00 | 0.05 | 0.06 |
| 36114 | RS09-4 | 50.00 | 52.00 | 2.00 | 0.01 | 0.02 |
| 36115 | | Mineralized Std | | | 1.22 | |
| 36116 | RS09-4 | 52.00 | 54.00 | 2.00 | 0.01 | 0.01 |
| 36117 | RS09-4 | 54.00 | 56.00 | 2.00 | 0.09 | 0.08 |
| 36118 | RS09-4 | 56.00 | 58.00 | 2.00 | 0.10 | 0.09 |
| 36119 | RS09-4 | 58.00 | 60.00 | 2.00 | 0.55 | 0.70 |
| 36120 | RS09-4 | 60.00 | 62.00 | 2.00 | 1.37 | 0.68 |
| 36121 | | Duplicate of previous | | | 0.31 | |
| 36122 | RS09-4 | 62.00 | 65.00 | 3.00 | 0.44 | 0.38 |
| 36124 | RS09-4 | 65.00 | 66.95 | 1.95 | <0.01 | <0.01 |
| 36125 | RS09-4 | 66.95 | 69.00 | 2.05 | <0.01 | <0.01 |
| 36126 | RS09-5 | 10.75 | 11.74 | 0.99 | <0.01 | <0.01 |
| 36127 | | Blank Standard | | | <0.01 | |
| 36128 | RS09-5 | 11.74 | 12.35 | 0.61 | 0.24 | 0.11 |
| 36129 | RS09-5 | 12.35 | 13.00 | 0.65 | <0.01 | <0.01 |
| 36130 | RS09-5 | 42.40 | 43.00 | 0.60 | <0.01 | <0.01 |
| 36131 | RS09-5 | 44.63 | 44.93 | 0.30 | <0.01 | <0.01 |
| 36132 | RS09-5 | 52.60 | 53.02 | 0.42 | 0.06 | 0.05 |
| 36133 | RS09-5 | 74.00 | 74.93 | 0.93 | 0.06 | 0.05 |
| 36134 | RS09-5 | 74.93 | 76.00 | 1.07 | 2.60 | 1.91 |
| 36135 | RS09-5 | 76.00 | 77.95 | 1.95 | 0.30 | 0.30 |
| 36136 | RS09-5 | 77.95 | 79.50 | 1.55 | 0.81 | 0.77 |
| 36137 | | Mineralized Std | | | 1.32 | |
| 36138 | RS09-5 | 79.50 | 80.84 | 1.34 | 0.49 | 0.71 |
| 36139 | RS09-5 | 80.84 | 82.50 | 1.66 | 0.38 | 0.44 |
| 36140 | RS09-5 | 82.50 | 83.05 | 0.55 | 0.14 | 0.10 |
| 36141 | RS09-5 | 83.05 | 83.82 | 0.77 | 0.42 | 0.43 |
| 36142 | RS09-5 | 83.82 | 85.00 | 1.18 | 0.08 | 0.08 |
| 36143 | | Duplicate of previous | | | 0.08 | |
| 36144 | RS09-5 | 85.00 | 86.25 | 1.25 | 0.06 | 0.06 |
| 36145 | RS09-5 | 86.25 | 87.22 | 0.97 | 0.06 | 0.06 |
| 36146 | RS09-5 | 87.22 | 88.50 | 1.28 | 0.03 | 0.03 |
| 36147 | RS09-5 | 88.50 | 90.00 | 1.50 | 0.02 | 0.02 |
| 36148 | RS09-5 | 90.00 | 92.00 | 2.00 | 0.01 | 0.02 |

| SAMPLE ID | HOLE ID | From (m) | To (m) | Width (m) | Au (g/t) Fire Assay | Au(g/t) Met Screen |
|-----------|---------|-----------------------|--------|-----------|---------------------|--------------------|
| 36149 | | Blank Standard | | | <0.01 | |
| 36150 | RS09-5 | 92.00 | 94.00 | 2.00 | 0.03 | 0.02 |
| 36151 | RS09-5 | 94.00 | 96.00 | 2.00 | 0.02 | <0.01 |
| 36152 | RS09-5 | 96.00 | 98.00 | 2.00 | 0.03 | 0.02 |
| 36153 | RS09-5 | 98.00 | 100.00 | 2.00 | 0.03 | 0.03 |
| 36154 | RS09-5 | 100.00 | 102.00 | 2.00 | 0.02 | <0.01 |
| 36155 | | Mineralized Std | | | 1.14 | |
| 36156 | RS09-5 | 102.00 | 104.00 | 2.00 | 0.08 | 0.06 |
| 36157 | RS09-5 | 104.00 | 106.00 | 2.00 | 0.05 | 0.05 |
| 36158 | RS09-5 | 106.00 | 108.00 | 2.00 | 0.07 | 0.08 |
| 36159 | RS09-5 | 108.00 | 110.00 | 2.00 | 0.02 | 0.01 |
| 36160 | RS09-5 | 110.00 | 112.00 | 2.00 | 0.09 | 0.07 |
| 36161 | | Duplicate of previous | | | 0.07 | |
| 36162 | RS09-5 | 112.00 | 114.00 | 2.00 | 0.10 | 0.08 |
| 36163 | RS09-5 | 114.00 | 116.00 | 2.00 | 0.27 | 0.27 |
| 36164 | RS09-5 | 116.00 | 118.00 | 2.00 | 0.13 | 0.07 |
| 36165 | RS09-5 | 118.00 | 119.50 | 1.50 | 0.04 | 0.03 |
| 36166 | RS09-5 | 119.50 | 120.70 | 1.20 | 0.04 | 0.02 |
| 36167 | | Blank Standard | | | <0.01 | |
| 36168 | RS09-5 | 120.70 | 122.00 | 1.30 | 0.03 | 0.02 |
| 36169 | RS09-5 | 122.00 | 124.05 | 2.05 | 0.03 | 0.01 |
| 36170 | RS09-5 | 124.05 | 125.14 | 1.09 | 0.01 | <0.01 |
| 36171 | RS09-5 | 125.14 | 127.13 | 1.99 | <0.01 | <0.01 |
| 36172 | RS09-5 | 127.13 | 129.00 | 1.87 | <0.01 | <0.01 |
| 36173 | RS09-5 | 129.00 | 131.00 | 2.00 | <0.01 | <0.01 |
| 36174 | RS09-5 | 131.00 | 133.00 | 2.00 | 0.03 | <0.01 |
| 36175 | RS09-6 | 11.89 | 13.31 | 1.42 | <0.01 | <0.01 |
| 36176 | RS09-6 | 13.31 | 14.63 | 1.32 | 0.05 | 0.07 |
| 36177 | | Mineralized Std | | | 1.07 | |
| 36178 | RS09-6 | 14.63 | 15.70 | 1.07 | 0.13 | 0.11 |
| 36179 | RS09-6 | 15.70 | 16.73 | 1.03 | 0.28 | 0.41 |
| 36180 | RS09-6 | 16.73 | 18.01 | 1.28 | 0.05 | 0.06 |
| 36181 | RS09-6 | 18.01 | 20.00 | 1.99 | 0.04 | 0.20 |
| 36182 | RS09-6 | 20.00 | 21.43 | 1.43 | 0.07 | 0.05 |
| 36183 | | Duplicate of previous | | | 0.04 | |
| 36184 | RS09-6 | 21.43 | 22.50 | 1.07 | 0.33 | 0.44 |
| 36185 | RS09-6 | 22.50 | 24.00 | 1.5 | 0.33 | 0.38 |
| 36186 | RS09-6 | 24.00 | 25.91 | 1.91 | 0.06 | 0.03 |
| 36187 | RS09-6 | 25.91 | 27.90 | 1.99 | 0.01 | 0.01 |
| 36188 | RS09-6 | 27.90 | 29.87 | 1.97 | <0.01 | <0.01 |

| SAMPLE ID | HOLE ID | From (m) | To (m) | Width (m) | Au (g/t)Fire Assay | Au(g/t) Met Screen |
|-----------|---------|------------------------------|--------|-----------|--------------------|--------------------|
| 36189 | | Blank Standard | | | <0.01 | |
| 36190 | RS09-6 | 29.87 | 31.00 | 1.13 | <0.01 | <0.01 |
| 36191 | RS09-7 | 13.00 | 15.00 | 2.00 | <0.01 | <0.01 |
| 36192 | RS09-7 | 15.00 | 16.37 | 1.37 | <0.01 | <0.01 |
| 36193 | RS09-7 | 16.37 | 17.50 | 1.13 | 0.02 | 0.03 |
| 36194 | RS09-7 | 17.50 | 18.75 | 1.25 | 0.14 | 0.11 |
| 36195 | | Mineralized Std | | | 1.04 | |
| 36196 | RS09-7 | 18.75 | 19.75 | 1.00 | 0.96 | 1.00 |
| 36197 | RS09-7 | 19.75 | 20.61 | 0.86 | 0.80 | 0.84 |
| 36198 | RS09-7 | 20.61 | 21.50 | 0.89 | 0.20 | 0.28 |
| 36199 | RS09-7 | 21.50 | 22.50 | 1.00 | 0.37 | 0.61 |
| 36200 | RS09-7 | 22.50 | 23.66 | 1.16 | 0.19 | N.A. |
| 36201 | | Duplicate of previous | | | 0.16 | |
| 36202 | RS09-7 | 23.66 | 25.00 | 1.34 | 0.05 | 0.03 |
| 36203 | RS09-7 | 25.00 | 27.00 | 2.00 | 0.01 | 0.07 |
| 36204 | RS09-7 | 27.00 | 29.00 | 2.00 | <0.01 | <0.01 |
| 36205 | RS09-7 | 29.00 | 31.00 | 2.00 | 0.94 | 0.46 |
| 36206 | RS09-7 | 31.00 | 33.00 | 2.00 | 0.05 | 0.04 |
| 36207 | | Blank Standard | | | <0.01 | |
| 36208 | RS09-7 | 33.00 | 35.00 | 2.00 | 0.05 | 0.03 |
| 36209 | RS09-7 | 35.00 | 37.00 | 2.00 | 0.53 | 0.74 |
| 36210 | RS09-7 | 37.00 | 39.15 | 2.15 | 0.12 | 0.22 |
| 36211 | RS09-7 | 39.15 | 41.00 | 1.85 | 0.11 | 0.11 |
| 36212 | RS09-7 | 41.00 | 43.00 | 2.00 | 0.63 | 0.71 |
| 36213 | RS09-7 | 43.00 | 45.00 | 2.00 | 0.61 | 0.50 |
| 36214 | RS09-7 | 45.00 | 47.00 | 2.00 | 0.09 | 0.12 |
| 36215 | RS09-7 | 47.00 | 49.00 | 2.00 | 0.29 | 0.26 |
| 36216 | RS09-7 | 49.00 | 51.00 | 2.00 | 0.10 | 0.05 |
| 36217 | | Mineralized Std | | | 1.18 | |
| 36218 | RS09-7 | 51.00 | 53.00 | 2.00 | 0.05 | 0.03 |
| 36219 | RS09-7 | 53.00 | 55.00 | 2.00 | 0.17 | 0.10 |
| 36220 | RS09-7 | 55.00 | 57.00 | 2.00 | 0.26 | 0.18 |
| 36221 | RS09-7 | 57.00 | 59.00 | 2.00 | 0.94 | 0.35 |
| 36222 | RS09-7 | 59.00 | 61.00 | 2.00 | 0.82 | 1.47 |
| 36223 | | Duplicate of previous | | | 1.40 | |
| 36224 | RS09-7 | 61.00 | 63.00 | 2.00 | 0.28 | 0.30 |
| 36225 | RS09-7 | 63.00 | 63.65 | 0.65 | 0.08 | 0.07 |
| 36226 | RS09-7 | 63.65 | 65.00 | 1.35 | 0.02 | 0.02 |
| 36227 | RS09-7 | 65.00 | 67.00 | 2.00 | 0.04 | 0.06 |
| 36228 | RS09-7 | 67.00 | 69.00 | 2.00 | <0.01 | <0.01 |

| SAMPLE ID | HOLE ID | From (m) | To (m) | Width (m) | Au (g/t) Fire Assay | Au(g/t) Met Screen |
|-----------|---------|-----------------------|--------|-----------|---------------------|--------------------|
| 36229 | | Blank Standard | | | <0.01 | |
| 36230 | RS09-7 | 91.40 | 93.19 | 1.79 | <0.01 | <0.01 |
| 36231 | RS09-7 | 102.18 | 104.30 | 2.12 | 0.03 | 0.03 |
| 36232 | RS09-8 | 43.88 | 45.49 | 1.61 | <0.01 | <0.01 |
| 36233 | RS09-8 | 51.00 | 52.40 | 1.40 | <0.01 | <0.01 |
| 36234 | RS09-8 | 52.40 | 53.40 | 1.00 | <0.01 | <0.01 |
| 36235 | | Mineralized Std | | | 1.14 | |
| 36236 | RS09-8 | 53.40 | 54.25 | 0.85 | <0.01 | <0.01 |
| 36237 | RS09-9 | 1.83 | 3.00 | 1.17 | <0.01 | <0.01 |
| 36238 | RS09-9 | 3.00 | 5.00 | 2.00 | <0.01 | <0.01 |
| 36239 | RS09-9 | 5.00 | 7.00 | 2.00 | <0.01 | 0.03 |
| 36240 | RS09-9 | 7.00 | 9.00 | 2.00 | 0.03 | N.A. |
| 36241 | | Duplicate of previous | | | 0.03 | |
| 36242 | RS09-9 | 9.00 | 10.44 | 1.44 | 0.09 | 0.13 |
| 36243 | RS09-9 | 10.44 | 12.77 | 2.33 | 0.29 | 0.10 |
| 36244 | RS09-9 | 12.77 | 13.91 | 1.14 | 0.10 | 0.12 |
| 36245 | RS09-9 | 13.91 | 15.00 | 1.09 | 0.05 | 0.04 |
| 36246 | RS09-9 | 15.00 | 16.00 | 1.00 | 0.07 | 0.05 |
| 36247 | | Blank Standard | | | <0.01 | |
| 36248 | RS09-9 | 16.00 | 16.70 | 0.70 | 0.15 | 0.15 |
| 36249 | RS09-9 | 16.70 | 18.00 | 1.30 | 0.60 | 0.17 |
| 36250 | RS09-9 | 18.00 | 19.04 | 1.04 | 0.42 | 0.52 |
| 36251 | RS09-9 | 19.04 | 20.00 | 0.96 | 0.03 | 0.04 |
| 36252 | RS09-9 | 20.00 | 21.61 | 1.61 | 0.02 | 0.02 |
| 36253 | RS09-9 | 21.61 | 23.00 | 1.39 | 0.04 | 0.03 |
| 36254 | RS09-9 | 23.00 | 25.00 | 2.00 | 0.03 | 0.02 |
| 36255 | RS09-9 | 32.92 | 33.68 | 0.76 | 0.01 | 0.01 |
| 36256 | RS09-9 | 53.79 | 55.89 | 2.10 | <0.01 | <0.01 |
| 36257 | | Mineralized Std | | | 1.10 | |
| 36258 | RS09-9 | 56.49 | 58.00 | 1.51 | <0.01 | <0.01 |
| 36259 | RS09-9 | 63.98 | 65.67 | 1.69 | <0.01 | <0.01 |
| 36260 | RS09-10 | 8.00 | 9.00 | 1.00 | <0.01 | |
| 36261 | RS09-10 | 12.00 | 13.30 | 1.30 | <0.01 | |
| 36262 | RS09-10 | 25.80 | 27.50 | 1.70 | 0.02 | |
| 36263 | | Duplicate of previous | | | 0.02 | |
| 36264 | RS09-10 | 27.50 | 29.50 | 2.00 | 0.02 | |
| 36265 | RS09-10 | 35.50 | 36.50 | 1.00 | 0.02 | |
| 36266 | RS09-10 | 40.70 | 41.20 | 0.50 | <0.01 | |
| 36267 | RS09-10 | 51.10 | 52.60 | 1.50 | <0.01 | |
| 36268 | RS09-11 | 11.00 | 13.00 | 2.00 | 0.02 | |

| SAMPLE ID | HOLE ID | From (m) | To (m) | Width (m) | Au (g/t) Fire Assay | Au(g/t) Met Screen |
|-----------|---------|-----------------|--------|-----------|---------------------|--------------------|
| 36269 | | Blank Standard | | | | <0.01 |
| 36270 | RS09-11 | 13.00 | 15.00 | 2.00 | 0.07 | |
| 36271 | RS09-11 | 15.00 | 16.50 | 1.50 | 0.05 | |
| 36272 | RS09-11 | 16.50 | 17.60 | 1.10 | 0.04 | |
| 36273 | RS09-11 | 19.60 | 20.60 | 1.00 | 0.27 | |
| 36274 | RS09-11 | 24.50 | 26.40 | 1.90 | <0.01 | |
| 36275 | | Mineralized Std | | | | 1.18 |
| 36276 | RS09-11 | 28.60 | 29.60 | 1.00 | <0.01 | |
| 36277 | RS09-11 | 29.60 | 30.60 | 1.00 | 0.02 | |
| 36278 | RS09-11 | 30.60 | 31.87 | 1.27 | 0.03 | |
| 36279 | RS09-11 | 31.87 | 32.72 | 0.85 | 0.03 | |
| 36280 | RS09-11 | 32.72 | 33.46 | 0.74 | 0.01 | |
| 36281 | RS09-11 | 33.46 | 35.00 | 1.54 | <0.01 | |
| 36282 | RS09-11 | 37.80 | 39.60 | 1.80 | <0.01 | |

APPENDIX III
ANALYTICAL CERTIFICATES



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Client: **Kootenay Gold Inc.**
Suite 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Vancouver
Received: December 29, 2009
Report Date: January 12, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN09006365.1

CLIENT JOB INFORMATION

Project: Rosetta Stone
Shipment ID:
P.O. Number
Number of Samples: 23

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 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| R200-250 | 21 | Crush split and pulverize 250g drill core to 200 mesh | | | VAN |
| G6 | 23 | Fire assay fusion Au by ICP-ES | 30 | Completed | VAN |
| 1DX | 23 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 0.5 | Completed | VAN |

ADDITIONAL COMMENTS



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



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 Suite 960 - 1055 W. Hastings St.
 Vancouver BC V6E 2E9 Canada

Project: Rosetta Stone
 Report Date: January 12, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN09006365.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|------|------|------|-----|------|-------|------|------|------|-------|-----|------|-----|-----|------|------|-------|-----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | 0.1 | |
| 036260 | Drill Core | 1.79 | <0.01 | 0.1 | 0.8 | 10.2 | 60 | 0.1 | 0.6 | 0.7 | 123 | 0.76 | 1.2 | 1.1 | 1.2 | 3.5 | 77 | <0.1 | 1.1 | <0.1 | 7 |
| 036261 | Drill Core | 2.54 | <0.01 | 0.1 | 0.4 | 7.7 | 48 | <0.1 | 0.4 | 0.6 | 138 | 0.66 | 0.9 | 2.0 | <0.5 | 3.7 | 93 | 0.2 | 0.2 | <0.1 | 5 |
| 036262 | Drill Core | 3.63 | 0.02 | <0.1 | 0.9 | 7.9 | 63 | 0.3 | 0.6 | 1.1 | 147 | 0.98 | 2.6 | 0.8 | 11.1 | 4.3 | 63 | <0.1 | 0.7 | <0.1 | 9 |
| 036263 DUP 036262 PULP | Drill Core | | 0.02 | <0.1 | 0.8 | 7.4 | 65 | 0.4 | 0.8 | 1.0 | 157 | 1.05 | 2.0 | 0.7 | 10.6 | 3.7 | 70 | 0.1 | 0.8 | <0.1 | 9 |
| 036264 | Drill Core | 4.17 | 0.02 | <0.1 | 0.5 | 8.8 | 61 | 0.4 | 0.6 | 1.0 | 140 | 0.93 | 2.4 | 1.0 | 21.1 | 3.6 | 71 | 0.2 | 0.9 | <0.1 | 10 |
| 036265 | Drill Core | 2.36 | 0.02 | <0.1 | 0.6 | 5.1 | 54 | 0.3 | 0.6 | 0.9 | 156 | 0.86 | 2.6 | 0.6 | 14.3 | 2.7 | 90 | <0.1 | 0.7 | <0.1 | 11 |
| 036266 | Drill Core | 1.20 | <0.01 | <0.1 | 0.4 | 6.7 | 60 | 0.1 | 0.4 | 0.9 | 319 | 1.14 | 1.0 | 0.4 | 1.3 | 3.3 | 155 | <0.1 | 0.5 | <0.1 | 11 |
| 036267 | Drill Core | 3.42 | <0.01 | 0.9 | 0.9 | 6.7 | 68 | 0.4 | 0.8 | 1.4 | 279 | 1.08 | <0.5 | 0.4 | 2.4 | 4.5 | 133 | 0.1 | 0.7 | 0.9 | 15 |
| 036268 | Drill Core | 4.08 | 0.02 | 0.2 | 1.2 | 7.8 | 45 | 1.1 | 1.2 | 0.8 | 140 | 0.85 | 6.4 | 0.6 | 11.4 | 2.9 | 51 | <0.1 | 2.0 | <0.1 | 7 |
| 036269 | Rock | 0.76 | <0.01 | 0.3 | 32.0 | 4.3 | 50 | <0.1 | 34.5 | 9.8 | 235 | 2.43 | 0.8 | 0.6 | <0.5 | 2.1 | 47 | <0.1 | <0.1 | <0.1 | 102 |
| 036270 | Drill Core | 3.89 | 0.07 | 0.2 | 1.0 | 9.9 | 56 | 1.1 | 0.6 | 0.9 | 105 | 0.91 | 5.7 | 0.6 | 44.5 | 3.1 | 28 | <0.1 | 1.7 | <0.1 | 6 |
| 036271 | Drill Core | 3.17 | 0.05 | 0.2 | 1.0 | 9.1 | 72 | 0.8 | 0.7 | 1.0 | 161 | 1.02 | 1.8 | 0.9 | 32.6 | 3.1 | 60 | 0.1 | 1.3 | <0.1 | 8 |
| 036272 | Drill Core | 2.61 | 0.04 | 0.8 | 1.6 | 12.9 | 68 | 1.2 | 3.4 | 2.1 | 111 | 1.29 | 2.4 | 0.9 | 38.4 | 3.2 | 145 | 0.3 | 3.8 | <0.1 | 9 |
| 036273 | Drill Core | 2.04 | 0.27 | 0.5 | 41.0 | 25.5 | 95 | 4.4 | 102.0 | 29.0 | 757 | 5.35 | 19.1 | 0.6 | 1663 | 3.8 | 855 | 0.1 | 11.2 | <0.1 | 95 |
| 036274 | Drill Core | 3.95 | <0.01 | 0.5 | 1.0 | 11.3 | 61 | 0.3 | 0.7 | 1.1 | 214 | 1.02 | 2.0 | 0.6 | 2.8 | 3.0 | 58 | 0.1 | 1.6 | <0.1 | 9 |
| 036275 | Rock Pulp | 0.10 | 1.18 | 13.4 | 60.2 | 86.2 | 2 | 2.0 | 9.0 | 3.1 | 67 | 4.36 | 116.5 | 0.2 | 1148 | 0.4 | 7 | <0.1 | 16.4 | 104.8 | 23 |
| 036276 | Drill Core | 2.13 | <0.01 | <0.1 | 0.5 | 7.4 | 57 | <0.1 | 0.6 | 0.9 | 168 | 0.67 | <0.5 | 0.3 | <0.5 | 2.3 | 137 | <0.1 | 0.2 | <0.1 | 10 |
| 036277 | Drill Core | 1.59 | 0.02 | 0.3 | 1.1 | 7.0 | 55 | 0.7 | 0.9 | 1.1 | 131 | 1.23 | 14.7 | 0.5 | 11.6 | 3.4 | 28 | <0.1 | 2.6 | <0.1 | 8 |
| 036278 | Drill Core | 1.81 | 0.03 | 0.5 | 1.5 | 6.3 | 33 | 0.8 | 0.7 | 0.8 | 33 | 0.77 | 10.7 | 0.5 | 33.9 | 2.0 | 14 | <0.1 | 1.9 | <0.1 | <2 |
| 036279 | Drill Core | 1.22 | 0.03 | 0.5 | 1.8 | 5.2 | 27 | 3.4 | 1.6 | 1.1 | 25 | 2.82 | 13.7 | 0.5 | 27.9 | 2.2 | 17 | <0.1 | 10.2 | <0.1 | 3 |
| 036280 | Drill Core | 1.48 | 0.01 | 1.4 | 8.1 | 15.3 | 66 | 0.8 | 6.9 | 3.7 | 191 | 1.10 | 2.8 | 1.3 | 12.4 | 4.4 | 81 | 0.2 | 4.5 | <0.1 | 7 |
| 036281 | Drill Core | 3.03 | <0.01 | 0.2 | 0.5 | 8.9 | 57 | <0.1 | 0.7 | 1.0 | 142 | 0.63 | <0.5 | 1.5 | 1.2 | 3.9 | 70 | 0.1 | 0.3 | <0.1 | 7 |
| 036282 | Drill Core | 4.13 | <0.01 | 0.2 | 1.1 | 7.3 | 55 | 0.3 | 0.7 | 1.1 | 145 | 0.99 | 2.0 | 1.1 | 4.8 | 3.8 | 56 | 0.1 | 1.0 | <0.1 | 9 |



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Project: Rosetta Stone
 Report Date: January 12, 2010

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

VAN09006365.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|-----|------|-------|-------|--------|------|-------|-------|------|------|-------|------|------|-------|-----|------|
| Analyte | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
| Unit | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| MDL | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 1 | 0.5 | |
| 036260 | Drill Core | 1.08 | 0.035 | 14 | 2 | 0.17 | 31 | 0.002 | <20 | 1.28 | 0.034 | 0.09 | <0.1 | 0.03 | 0.5 | <0.1 | 0.23 | 6 | 1.1 |
| 036261 | Drill Core | 0.56 | 0.015 | 10 | 4 | 0.04 | 16 | 0.002 | <20 | 0.14 | 0.046 | 0.07 | <0.1 | 0.03 | 0.3 | <0.1 | 0.20 | 1 | 1.0 |
| 036262 | Drill Core | 0.37 | 0.028 | 18 | 3 | 0.14 | 17 | 0.002 | <20 | 0.17 | 0.038 | 0.04 | <0.1 | 0.03 | 0.6 | <0.1 | 0.24 | 1 | 1.9 |
| 036263 DUP 036262 PULP | Drill Core | 0.38 | 0.028 | 19 | 3 | 0.13 | 17 | 0.002 | <20 | 0.17 | 0.039 | 0.05 | <0.1 | 0.03 | 0.5 | <0.1 | 0.25 | 1 | 1.8 |
| 036264 | Drill Core | 0.51 | 0.024 | 17 | 3 | 0.14 | 16 | 0.002 | <20 | 0.40 | 0.042 | 0.05 | <0.1 | 0.03 | 0.5 | <0.1 | 0.24 | 3 | 1.8 |
| 036265 | Drill Core | 1.01 | 0.024 | 11 | 3 | 0.09 | 44 | 0.005 | <20 | 0.71 | 0.090 | 0.12 | 0.1 | 0.02 | 0.5 | <0.1 | 0.23 | 5 | 1.5 |
| 036266 | Drill Core | 1.24 | 0.024 | 17 | 2 | 0.38 | 12 | 0.001 | <20 | 0.20 | 0.020 | 0.03 | <0.1 | 0.03 | 0.5 | <0.1 | 0.25 | 1 | 0.5 |
| 036267 | Drill Core | 1.05 | 0.030 | 22 | 2 | 0.15 | 20 | 0.002 | <20 | 0.33 | 0.051 | 0.05 | <0.1 | 0.05 | 0.6 | <0.1 | 0.29 | 3 | 1.2 |
| 036268 | Drill Core | 0.40 | 0.020 | 12 | 4 | 0.08 | 16 | <0.001 | <20 | 0.15 | 0.039 | 0.05 | <0.1 | 0.04 | 0.3 | <0.1 | 0.38 | 1 | 4.9 |
| 036269 | Rock | 1.08 | 0.230 | 27 | 34 | 0.98 | 147 | 0.231 | <20 | 0.98 | 0.045 | 0.70 | <0.1 | <0.01 | 1.4 | 0.2 | <0.05 | 5 | <0.5 |
| 036270 | Drill Core | 0.16 | 0.022 | 14 | 2 | 0.06 | 14 | <0.001 | <20 | 0.16 | 0.031 | 0.03 | <0.1 | 0.04 | 0.4 | <0.1 | 0.34 | 1 | 3.6 |
| 036271 | Drill Core | 0.39 | 0.023 | 14 | 3 | 0.13 | 13 | 0.002 | <20 | 0.20 | 0.034 | 0.04 | <0.1 | 0.03 | 0.4 | <0.1 | 0.36 | 2 | 2.2 |
| 036272 | Drill Core | 0.81 | 0.026 | 15 | 5 | 0.25 | 21 | 0.002 | <20 | 0.19 | 0.024 | 0.04 | <0.1 | 0.01 | 0.7 | 0.2 | 0.77 | 1 | 4.5 |
| 036273 | Drill Core | 4.10 | 0.290 | 38 | 116 | 2.55 | 37 | 0.012 | <20 | 0.53 | 0.024 | 0.10 | <0.1 | 0.03 | 7.8 | 0.4 | 2.01 | 4 | 16.7 |
| 036274 | Drill Core | 0.36 | 0.022 | 14 | 2 | 0.13 | 15 | 0.001 | <20 | 0.16 | 0.034 | 0.04 | <0.1 | 0.04 | 0.6 | <0.1 | 0.32 | 1 | 2.6 |
| 036275 | Rock Pulp | <0.01 | 0.005 | <1 | 24 | <0.01 | 265 | 0.005 | <20 | 0.12 | 0.001 | 0.02 | 0.5 | 0.16 | 0.3 | 0.3 | 0.09 | 2 | 17.1 |
| 036276 | Drill Core | 0.66 | 0.030 | 11 | 3 | 0.09 | 18 | 0.024 | <20 | 0.19 | 0.040 | 0.05 | <0.1 | <0.01 | 0.5 | <0.1 | 0.07 | 2 | <0.5 |
| 036277 | Drill Core | 0.13 | 0.023 | 17 | 2 | 0.09 | 13 | 0.001 | <20 | 0.15 | 0.032 | 0.04 | <0.1 | 0.03 | 0.3 | <0.1 | 0.65 | <1 | 4.2 |
| 036278 | Drill Core | 0.04 | 0.012 | 8 | 2 | <0.01 | 9 | <0.001 | <20 | 0.18 | 0.001 | 0.02 | <0.1 | 0.02 | 0.1 | <0.1 | 0.37 | <1 | 3.4 |
| 036279 | Drill Core | 0.04 | 0.012 | 8 | 4 | <0.01 | 11 | <0.001 | <20 | 0.18 | 0.001 | 0.03 | <0.1 | 0.05 | 0.1 | 0.4 | 2.78 | <1 | 15.1 |
| 036280 | Drill Core | 0.13 | 0.028 | 21 | 5 | 0.02 | 24 | 0.001 | <20 | 0.23 | 0.017 | 0.04 | <0.1 | 0.04 | 0.5 | 0.1 | 0.15 | 2 | 3.4 |
| 036281 | Drill Core | 0.38 | 0.022 | 12 | 3 | 0.05 | 14 | 0.011 | <20 | 0.19 | 0.039 | 0.05 | <0.1 | <0.01 | 0.4 | <0.1 | 0.10 | 2 | <0.5 |
| 036282 | Drill Core | 0.38 | 0.025 | 18 | 3 | 0.09 | 15 | 0.002 | <20 | 0.23 | 0.033 | 0.04 | <0.1 | 0.01 | 0.4 | <0.1 | 0.27 | 2 | 1.5 |



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Vancouver BC V6E 2E9 Canada

Project: Rosetta Stone
Report Date: January 12, 2010

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

VAN09006365.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|------------------------|------------|-------|-------|-------|-------|------|-----|------|-------|-------|------|--------|------|------|------|------|-----|------|------|------|-----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | 0.1 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 036272 | Drill Core | 2.61 | 0.04 | 0.8 | 1.6 | 12.9 | 68 | 1.2 | 3.4 | 2.1 | 111 | 1.29 | 2.4 | 0.9 | 38.4 | 3.2 | 145 | 0.3 | 3.8 | <0.1 | 9 |
| REP 036272 | QC | | | 0.8 | 1.8 | 13.5 | 72 | 1.3 | 3.9 | 2.2 | 120 | 1.39 | 2.7 | 0.9 | 38.4 | 3.3 | 158 | 0.3 | 4.0 | <0.1 | 9 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS7 | Standard | | | 20.8 | 95.1 | 58.4 | 396 | 0.9 | 56.5 | 8.9 | 598 | 2.31 | 44.4 | 4.2 | 52.6 | 3.8 | 75 | 6.0 | 4.7 | 4.3 | 79 |
| STD DS7 | Standard | | | 20.4 | 110.8 | 72.7 | 375 | 0.7 | 57.8 | 9.6 | 584 | 2.29 | 48.1 | 5.1 | 63.9 | 5.1 | 74 | 5.9 | 4.5 | 4.4 | 78 |
| STD OREAS45PA | Standard | | | 1.0 | 595.8 | 15.9 | 111 | 0.3 | 303.1 | 99.8 | 1055 | 16.20 | 2.9 | 1.0 | 36.2 | 5.5 | 13 | <0.1 | 0.2 | 0.2 | 216 |
| STD OREAS45PA | Standard | | | 1.1 | 616.8 | 21.5 | 122 | 0.3 | 314.3 | 112.9 | 1152 | 16.71 | 4.0 | 1.3 | 37.7 | 7.3 | 15 | 0.1 | 0.2 | 0.2 | 223 |
| STD OXH55 | Standard | | | 1.25 | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | | 3.44 | | | | | | | | | | | | | | | | | |
| STD OXH55 Expected | | | | 1.282 | | | | | | | | | | | | | | | | | |
| STD OXK69 Expected | | | | 3.583 | | | | | | | | | | | | | | | | | |
| STD DS7 Expected | | | | 20.5 | 109 | 70.6 | 411 | 0.9 | 56 | 9.7 | 627 | 2.39 | 48.2 | 4.9 | 70 | 4.4 | 69 | 6.4 | 4.6 | 4.5 | 84 |
| STD OREAS45PA Expected | | | | 0.9 | 600 | 19 | 119 | 0.3 | 281 | 104 | 1130 | 16.559 | 4.2 | 1.2 | 43 | 6 | 14 | 0.09 | 0.13 | 0.18 | 221 |
| BLK | Blank | | | <0.01 | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | <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 |
| 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 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | <0.01 | <0.01 | <0.1 | 2.1 | 3.3 | 44 | <0.1 | 2.7 | 4.2 | 532 | 1.76 | <0.5 | 1.9 | <0.5 | 6.6 | 50 | <0.1 | <0.1 | 0.1 | 35 |
| G1 | Prep Blank | <0.01 | <0.01 | <0.1 | 2.1 | 3.6 | 44 | <0.1 | 2.8 | 4.2 | 559 | 1.89 | 0.5 | 2.2 | <0.5 | 6.2 | 52 | <0.1 | <0.1 | 0.2 | 38 |



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 Suite 960 - 1055 W. Hastings St.
 Vancouver BC V6E 2E9 Canada

Project: Rosetta Stone
 Report Date: January 12, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

VAN09006365.1

| Method | | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|--------|--------|------|-----|-------|-----|--------|-----|-------|--------|--------|-------|-------|------|------|-------|------|------|
| Analyte | | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se |
| Unit | | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm |
| MDL | | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | |
| 036272 | Drill Core | 0.81 | 0.026 | 15 | 5 | 0.25 | 21 | 0.002 | <20 | 0.19 | 0.024 | 0.04 | <0.1 | 0.01 | 0.7 | 0.2 | 0.77 | 1 | 4.5 |
| REP 036272 | QC | 0.84 | 0.027 | 15 | 6 | 0.26 | 23 | 0.002 | <20 | 0.19 | 0.026 | 0.04 | <0.1 | 0.02 | 0.7 | 0.2 | 0.83 | 1 | 5.0 |
| Reference Materials | | | | | | | | | | | | | | | | | | | |
| STD DS7 | Standard | 0.93 | 0.070 | 13 | 223 | 0.99 | 404 | 0.117 | 33 | 0.97 | 0.092 | 0.43 | 3.8 | 0.20 | 1.9 | 3.8 | 0.19 | 5 | 3.5 |
| STD DS7 | Standard | 0.98 | 0.076 | 13 | 209 | 1.00 | 360 | 0.137 | 29 | 1.02 | 0.097 | 0.40 | 3.5 | 0.17 | 2.3 | 3.9 | 0.20 | 4 | 3.1 |
| STD OREAS45PA | Standard | 0.22 | 0.030 | 14 | 835 | 0.08 | 164 | 0.133 | <20 | 3.39 | 0.006 | 0.07 | <0.1 | 0.02 | 33.8 | <0.1 | <0.05 | 15 | 0.6 |
| STD OREAS45PA | Standard | 0.24 | 0.034 | 16 | 877 | 0.11 | 185 | 0.161 | <20 | 3.72 | 0.004 | 0.08 | <0.1 | 0.03 | 44.4 | <0.1 | <0.05 | 18 | 0.6 |
| STD OXH55 | Standard | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | | | | | | | | | | | | | | | | | |
| STD OXH55 Expected | | | | | | | | | | | | | | | | | | | |
| STD OXK69 Expected | | | | | | | | | | | | | | | | | | | |
| STD DS7 Expected | | 0.93 | 0.08 | 12 | 179 | 1.05 | 370 | 0.124 | 39 | 0.959 | 0.089 | 0.44 | 3.4 | 0.2 | 2.5 | 4.2 | 0.19 | 5 | 3.5 |
| STD OREAS45PA Expected | | 0.2411 | 0.034 | 16.2 | 873 | 0.095 | 187 | 0.124 | | 3.34 | 0.011 | 0.0665 | 0.011 | 0.03 | 43 | 0.07 | 0.03 | 16.8 | 0.54 |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 |
| Prep Wash | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | 0.45 | 0.078 | 13 | 6 | 0.50 | 157 | 0.133 | <20 | 0.84 | 0.052 | 0.45 | <0.1 | <0.01 | 1.8 | 0.3 | <0.05 | 4 | <0.5 |
| G1 | Prep Blank | 0.49 | 0.084 | 13 | 8 | 0.52 | 161 | 0.139 | <20 | 0.86 | 0.055 | 0.47 | <0.1 | <0.01 | 1.9 | 0.3 | <0.05 | 4 | <0.5 |



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Suite 960 - 1055 W. Hastings St.
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Submitted By: Email Distribution List
Receiving Lab: Canada-Vancouver
Received: November 19, 2009
Report Date: December 16, 2009
Page: 1 of 7

CERTIFICATE OF ANALYSIS

VAN09005748.1

CLIENT JOB INFORMATION

Project: Rosetta Stone
Shipment ID:
P.O. Number
Number of Samples: 153

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 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| R200-250 | 137 | Crush split and pulverize 250g drill core to 200 mesh | | | VAN |
| G6 | 153 | Fire assay fusion Au by ICP-ES | 30 | Completed | VAN |
| 1DX | 153 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 0.5 | Completed | VAN |

ADDITIONAL COMMENTS



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



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 Suite 960 - 1055 W. Hastings St.
 Vancouver BC V6E 2E9 Canada

Project: Rosetta Stone
 Report Date: December 16, 2009

Page: 2 of 7 Part 1

CERTIFICATE OF ANALYSIS

VAN09005748.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|---------|-----------------|-------|-------|------|------|-------|-----|------|------|------|------|------|-------|-----|-------|------|-----|------|------|-------|----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | 0.1 | |
| 981651 | Drill Core | 4.45 | <0.01 | 0.2 | 1.1 | 4.9 | 36 | 0.1 | 1.7 | 0.8 | 191 | 0.77 | 1.7 | 0.9 | 1.4 | 2.1 | 169 | <0.1 | 0.5 | <0.1 | 7 |
| 981652 | Drill Core | 4.36 | <0.01 | 0.2 | 0.8 | 5.7 | 48 | <0.1 | 0.9 | 0.8 | 209 | 0.78 | 2.5 | 0.8 | 2.8 | 2.2 | 156 | 0.2 | 0.6 | <0.1 | 8 |
| 981653 | Drill Core | 3.57 | <0.01 | 0.1 | 0.9 | 6.4 | 47 | 0.1 | 0.7 | 0.7 | 192 | 0.77 | 1.8 | 1.3 | 3.2 | 2.3 | 140 | 0.1 | 0.6 | <0.1 | 8 |
| 981654 | Drill Core | 2.78 | 0.06 | 0.1 | 1.6 | 7.1 | 43 | 0.2 | 1.9 | 1.0 | 189 | 0.97 | 5.7 | 1.4 | 31.3 | 2.3 | 105 | 0.2 | 1.0 | <0.1 | 7 |
| 981655 | Rock Pulp | 0.10 | 1.21 | 13.0 | 74.1 | 103.6 | 2 | 2.1 | 9.3 | 3.0 | 83 | 4.43 | 136.3 | 0.2 | 1141 | 0.5 | 8 | <0.1 | 19.0 | 101.9 | 24 |
| 981656 | Drill Core | 1.26 | 0.23 | 0.5 | 1.1 | 7.2 | 27 | 0.6 | 0.9 | 0.5 | 76 | 0.55 | 20.0 | 0.5 | 151.3 | 1.0 | 61 | <0.1 | 1.3 | <0.1 | 3 |
| 981657 | Drill Core | 1.13 | 0.09 | 0.2 | 1.7 | 12.4 | 46 | 3.2 | 0.9 | 0.9 | 124 | 0.78 | 9.3 | 0.4 | 1801 | 1.3 | 68 | 0.2 | 0.8 | 0.2 | 8 |
| 981658 | Drill Core | 2.21 | 0.05 | 0.2 | 2.4 | 8.1 | 51 | 0.2 | 1.4 | 0.8 | 188 | 0.83 | 3.0 | 0.6 | 67.3 | 1.4 | 101 | 0.2 | 0.8 | <0.1 | 7 |
| 981659 | Drill Core | 2.14 | 0.03 | <0.1 | 1.4 | 10.1 | 41 | 0.3 | 0.9 | 0.8 | 151 | 0.74 | 3.7 | 0.5 | 39.1 | 1.5 | 64 | 0.2 | 1.3 | <0.1 | 5 |
| 981660 | Drill Core | 4.11 | 0.13 | 0.9 | 1.7 | 28.4 | 51 | 0.7 | 0.7 | 0.7 | 150 | 0.69 | 3.1 | 0.8 | 141.0 | 1.5 | 73 | 0.2 | 0.7 | 0.4 | 6 |
| 981661 | DUP PULP 981660 | | 0.11 | 0.9 | 1.4 | 27.8 | 52 | 0.6 | 0.9 | 0.7 | 147 | 0.67 | 3.1 | 0.7 | 85.5 | 1.4 | 70 | 0.3 | 0.7 | 0.4 | 6 |
| 981662 | Drill Core | 6.66 | 0.20 | 0.3 | 1.3 | 21.3 | 64 | 0.8 | 1.2 | 0.7 | 133 | 0.70 | 3.6 | 1.1 | 620.8 | 1.6 | 49 | 0.4 | 0.4 | 0.1 | 5 |
| 981664 | Drill Core | 1.61 | 0.04 | 0.2 | 1.1 | 33.6 | 99 | 0.3 | 1.5 | 0.9 | 122 | 0.72 | 4.2 | 0.8 | 22.2 | 1.5 | 27 | 0.6 | 0.6 | 0.1 | 4 |
| 981665 | Drill Core | 2.46 | 0.36 | 1.0 | 11.8 | 22.1 | 49 | 4.5 | 6.4 | 2.6 | 49 | 1.08 | 7.7 | 0.5 | 626.0 | 1.0 | 38 | 0.3 | 6.6 | <0.1 | 4 |
| 981666 | Drill Core | 3.70 | <0.01 | 7.1 | 51.8 | 18.9 | 91 | 1.9 | 42.6 | 10.6 | 666 | 2.80 | 1.0 | 0.9 | 0.7 | 3.5 | 152 | 0.3 | 9.6 | 0.2 | 36 |
| 981667 | Rock | 0.67 | <0.01 | 0.4 | 49.3 | 4.5 | 38 | <0.1 | 28.8 | 9.4 | 176 | 1.99 | <0.5 | 0.8 | 0.5 | 3.3 | 65 | 0.1 | <0.1 | <0.1 | 86 |
| 981668 | Drill Core | 3.46 | 0.01 | 6.5 | 60.3 | 15.9 | 128 | 2.0 | 45.8 | 10.2 | 538 | 2.55 | 2.9 | 1.4 | 0.9 | 4.7 | 183 | 1.0 | 15.8 | 0.4 | 29 |
| 981669 | Drill Core | 2.92 | <0.01 | 9.4 | 71.4 | 21.9 | 243 | 1.3 | 57.4 | 11.3 | 715 | 2.94 | <0.5 | 1.5 | <0.5 | 3.8 | 263 | 3.0 | 23.2 | 0.6 | 36 |
| 981670 | Drill Core | 1.06 | <0.01 | 1.0 | 46.3 | 11.3 | 74 | 0.3 | 32.7 | 7.6 | 1326 | 2.55 | <0.5 | 1.5 | <0.5 | 6.0 | 391 | 0.4 | 5.5 | 0.1 | 34 |
| 981671 | Drill Core | 4.42 | <0.01 | 1.3 | 44.8 | 14.9 | 69 | 0.2 | 37.5 | 12.6 | 819 | 2.57 | <0.5 | 1.5 | <0.5 | 10.2 | 235 | 0.4 | 0.9 | 0.2 | 39 |
| 981672 | Drill Core | 4.53 | <0.01 | 0.3 | 10.8 | 5.8 | 56 | 0.1 | 3.7 | 5.6 | 689 | 2.46 | <0.5 | 1.4 | 1.8 | 4.1 | 119 | 0.2 | 6.3 | <0.1 | 52 |
| 981673 | Drill Core | 4.37 | <0.01 | 0.1 | 9.6 | 5.6 | 65 | 0.2 | 3.6 | 5.8 | 715 | 2.68 | <0.5 | 1.2 | 2.1 | 3.7 | 98 | 0.2 | <0.1 | 0.2 | 62 |
| 981674 | Drill Core | 2.51 | <0.01 | 0.1 | 14.9 | 6.1 | 57 | 0.2 | 3.6 | 5.4 | 611 | 2.34 | <0.5 | 1.1 | 1.6 | 3.5 | 97 | 0.2 | 0.2 | 0.1 | 47 |
| 981675 | Drill Core | 1.99 | <0.01 | 0.2 | 1.0 | 10.7 | 53 | <0.1 | 0.6 | 1.0 | 298 | 1.02 | 0.6 | 0.5 | 0.9 | 3.7 | 316 | 0.2 | 0.2 | <0.1 | 12 |
| 981676 | Drill Core | 3.84 | <0.01 | 0.2 | 1.8 | 7.5 | 54 | <0.1 | 1.0 | 1.2 | 250 | 0.98 | <0.5 | 0.4 | 1.3 | 3.5 | 254 | 0.2 | 0.2 | <0.1 | 12 |
| 981677 | Rock Pulp | 0.09 | 1.20 | 13.3 | 73.4 | 100.7 | 3 | 2.0 | 9.1 | 2.9 | 82 | 4.42 | 136.0 | 0.2 | 1198 | 0.5 | 8 | <0.1 | 18.8 | 100.3 | 24 |
| 981678 | Drill Core | 3.18 | <0.01 | <0.1 | 1.1 | 5.9 | 58 | <0.1 | 1.0 | 1.3 | 236 | 0.89 | <0.5 | 0.4 | <0.5 | 3.3 | 232 | 0.1 | 0.2 | <0.1 | 12 |
| 981679 | Drill Core | 1.90 | <0.01 | <0.1 | 1.3 | 11.5 | 56 | 0.3 | 0.9 | 1.3 | 282 | 1.07 | <0.5 | 0.4 | <0.5 | 3.7 | 218 | 0.3 | 0.1 | 0.7 | 10 |
| 981680 | Drill Core | 3.08 | <0.01 | 0.2 | 1.1 | 11.2 | 93 | 0.1 | 0.9 | 1.0 | 269 | 0.93 | <0.5 | 0.2 | <0.5 | 2.5 | 201 | 0.5 | 0.2 | 0.2 | 11 |
| 981681 | Drill Core | 4.47 | <0.01 | 0.1 | 2.0 | 22.6 | 88 | 0.4 | 0.7 | 1.2 | 280 | 1.01 | 1.0 | 0.3 | <0.5 | 2.7 | 170 | 0.5 | 0.3 | 0.6 | 11 |

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.



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Project: Rosetta Stone
 Report Date: December 16, 2009

Page: 2 of 7 Part 2

CERTIFICATE OF ANALYSIS

VAN09005748.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|-----|------|-------|-------|--------|------|-------|-------|------|------|-------|------|------|-------|-----|------|
| Analyte | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
| Unit | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| MDL | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 1 | 0.5 | |
| 981651 | Drill Core | 0.90 | 0.022 | 9 | 8 | 0.16 | 44 | 0.004 | <20 | 0.23 | 0.058 | 0.10 | <0.1 | <0.01 | 0.4 | <0.1 | 0.32 | 2 | <0.5 |
| 981652 | Drill Core | 0.90 | 0.023 | 9 | 5 | 0.14 | 47 | 0.007 | <20 | 0.29 | 0.066 | 0.10 | <0.1 | <0.01 | 0.6 | <0.1 | 0.23 | 2 | 0.5 |
| 981653 | Drill Core | 0.81 | 0.022 | 10 | 6 | 0.14 | 44 | 0.004 | <20 | 0.26 | 0.067 | 0.08 | <0.1 | 0.02 | 0.6 | <0.1 | 0.27 | 2 | 0.9 |
| 981654 | Drill Core | 0.53 | 0.020 | 9 | 6 | 0.11 | 50 | 0.003 | <20 | 0.25 | 0.086 | 0.09 | <0.1 | 0.05 | 0.4 | <0.1 | 0.35 | 2 | 1.1 |
| 981655 | Rock Pulp | <0.01 | 0.006 | 1 | 24 | <0.01 | 312 | 0.005 | <20 | 0.12 | 0.001 | 0.01 | 0.4 | 0.19 | 0.4 | 0.4 | 0.09 | 2 | 17.0 |
| 981656 | Drill Core | 0.15 | 0.009 | 3 | 12 | 0.08 | 21 | <0.001 | <20 | 0.17 | 0.040 | 0.06 | 1.1 | 0.18 | 0.2 | <0.1 | 0.26 | <1 | 1.5 |
| 981657 | Drill Core | 0.31 | 0.022 | 6 | 5 | 0.08 | 29 | 0.001 | <20 | 0.19 | 0.059 | 0.07 | 2.6 | 0.16 | 0.5 | <0.1 | 0.24 | 1 | 1.3 |
| 981658 | Drill Core | 0.65 | 0.020 | 7 | 7 | 0.13 | 42 | 0.002 | <20 | 0.18 | 0.072 | 0.07 | 0.2 | 0.05 | 0.4 | <0.1 | 0.22 | 1 | 0.6 |
| 981659 | Drill Core | 0.33 | 0.020 | 7 | 3 | 0.11 | 29 | 0.001 | <20 | 0.25 | 0.040 | 0.07 | 0.2 | 0.10 | 0.4 | <0.1 | 0.26 | 1 | 1.4 |
| 981660 | Drill Core | 0.38 | 0.018 | 6 | 7 | 0.12 | 28 | 0.002 | <20 | 0.20 | 0.053 | 0.06 | <0.1 | 0.04 | 0.4 | <0.1 | 0.24 | 1 | 2.0 |
| 981661 DUP PULP 981660 | Drill Core | 0.37 | 0.018 | 6 | 6 | 0.11 | 29 | 0.002 | <20 | 0.19 | 0.052 | 0.06 | <0.1 | 0.04 | 0.4 | <0.1 | 0.23 | 1 | 1.8 |
| 981662 | Drill Core | 0.24 | 0.018 | 6 | 5 | 0.10 | 32 | 0.002 | <20 | 0.25 | 0.059 | 0.09 | 0.2 | 0.22 | 0.4 | <0.1 | 0.22 | 1 | 0.9 |
| 981664 | Drill Core | 0.05 | 0.018 | 6 | 3 | 0.09 | 20 | <0.001 | <20 | 0.45 | 0.003 | 0.06 | <0.1 | 0.30 | 0.4 | <0.1 | 0.25 | 2 | 1.9 |
| 981665 | Drill Core | 0.01 | 0.004 | 3 | 6 | 0.04 | 28 | <0.001 | <20 | 0.28 | 0.002 | 0.06 | 0.4 | 0.09 | 0.5 | 0.2 | 0.90 | 2 | 3.7 |
| 981666 | Drill Core | 0.34 | 0.020 | 11 | 21 | 0.56 | 105 | <0.001 | <20 | 0.54 | 0.005 | 0.15 | 0.1 | 0.07 | 5.7 | <0.1 | 0.17 | 3 | 3.2 |
| 981667 | Rock | 0.81 | 0.246 | 31 | 28 | 0.77 | 189 | 0.218 | <20 | 0.84 | 0.078 | 0.63 | <0.1 | <0.01 | 2.0 | 0.2 | <0.05 | 4 | <0.5 |
| 981668 | Drill Core | 0.59 | 0.066 | 16 | 19 | 0.44 | 90 | <0.001 | <20 | 0.50 | 0.005 | 0.16 | 0.2 | 0.11 | 4.2 | 0.5 | 1.00 | 3 | 8.0 |
| 981669 | Drill Core | 1.31 | 0.066 | 10 | 23 | 0.83 | 81 | 0.001 | <20 | 0.62 | 0.007 | 0.20 | 0.2 | 0.02 | 4.9 | 0.4 | 1.11 | 3 | 7.4 |
| 981670 | Drill Core | 3.09 | 0.079 | 17 | 23 | 1.48 | 47 | 0.003 | <20 | 0.57 | 0.004 | 0.12 | <0.1 | 0.02 | 5.2 | 0.1 | <0.05 | 3 | 1.1 |
| 981671 | Drill Core | 3.06 | 0.062 | 30 | 37 | 1.37 | 107 | 0.020 | <20 | 0.99 | 0.008 | 0.29 | <0.1 | 0.04 | 6.1 | 0.2 | 0.18 | 5 | 1.7 |
| 981672 | Drill Core | 2.26 | 0.121 | 18 | 8 | 0.67 | 113 | 0.088 | <20 | 1.19 | 0.037 | 0.57 | <0.1 | <0.01 | 4.6 | 0.2 | 0.51 | 5 | <0.5 |
| 981673 | Drill Core | 1.98 | 0.128 | 16 | 8 | 0.72 | 144 | 0.120 | <20 | 1.28 | 0.051 | 0.70 | <0.1 | <0.01 | 5.0 | 0.3 | 0.47 | 5 | 0.5 |
| 981674 | Drill Core | 2.13 | 0.118 | 15 | 8 | 0.64 | 91 | 0.057 | <20 | 1.16 | 0.031 | 0.41 | <0.1 | <0.01 | 3.9 | 0.2 | 0.46 | 5 | 0.6 |
| 981675 | Drill Core | 1.69 | 0.035 | 16 | 3 | 0.18 | 46 | 0.003 | <20 | 0.20 | 0.074 | 0.07 | <0.1 | <0.01 | 0.7 | <0.1 | 0.41 | 1 | 0.9 |
| 981676 | Drill Core | 1.27 | 0.036 | 16 | 7 | 0.17 | 45 | 0.004 | <20 | 0.22 | 0.062 | 0.07 | <0.1 | <0.01 | 0.7 | <0.1 | 0.33 | 2 | 0.5 |
| 981677 | Rock Pulp | <0.01 | 0.005 | <1 | 24 | <0.01 | 302 | 0.006 | <20 | 0.12 | 0.001 | 0.01 | 0.3 | 0.19 | 0.4 | 0.3 | 0.09 | 2 | 16.3 |
| 981678 | Drill Core | 1.04 | 0.037 | 14 | 4 | 0.17 | 54 | 0.017 | <20 | 0.34 | 0.068 | 0.08 | <0.1 | <0.01 | 0.8 | <0.1 | 0.19 | 3 | <0.5 |
| 981679 | Drill Core | 1.25 | 0.029 | 16 | 6 | 0.17 | 43 | 0.003 | <20 | 0.19 | 0.069 | 0.07 | 0.2 | <0.01 | 0.7 | <0.1 | 0.39 | 2 | <0.5 |
| 981680 | Drill Core | 1.16 | 0.022 | 13 | 4 | 0.12 | 39 | 0.005 | <20 | 0.23 | 0.067 | 0.08 | <0.1 | <0.01 | 0.6 | <0.1 | 0.24 | 2 | <0.5 |
| 981681 | Drill Core | 1.12 | 0.023 | 14 | 5 | 0.12 | 32 | 0.003 | <20 | 0.20 | 0.062 | 0.06 | <0.1 | 0.03 | 0.6 | <0.1 | 0.35 | 2 | <0.5 |

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.



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Project: Rosetta Stone
 Report Date: December 16, 2009

Page: 3 of 7 Part 1

CERTIFICATE OF ANALYSIS

VAN09005748.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|------------------------|------------|-------|-------|------|------|------|-----|------|------|-----|------|------|------|------|-------|-----|-----|------|------|------|-----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | 0.1 | |
| 981682 | Drill Core | 4.20 | <0.01 | 0.1 | 1.0 | 15.5 | 77 | 0.1 | 0.8 | 1.1 | 255 | 1.07 | <0.5 | 0.3 | <0.5 | 2.7 | 180 | 0.4 | 0.3 | 0.2 | 11 |
| 981683 DUP PULP 981682 | Drill Core | | <0.01 | <0.1 | 1.1 | 15.0 | 74 | 0.1 | 0.9 | 1.1 | 252 | 1.08 | <0.5 | 0.3 | <0.5 | 2.6 | 175 | 0.4 | 0.3 | 0.2 | 11 |
| 981684 | Drill Core | 4.08 | 1.30 | <0.1 | 1.0 | 31.4 | 100 | 1.3 | 0.7 | 1.0 | 273 | 0.97 | 1.0 | 0.2 | 1034 | 2.9 | 174 | 0.5 | 0.4 | 0.3 | 11 |
| 981685 | Drill Core | 4.31 | <0.01 | <0.1 | 3.0 | 51.3 | 145 | 0.2 | 0.6 | 0.9 | 285 | 0.96 | 1.0 | 0.8 | <0.5 | 2.6 | 158 | 1.0 | 0.2 | 0.3 | 10 |
| 981686 | Drill Core | 2.08 | <0.01 | <0.1 | 1.3 | 27.4 | 67 | 0.3 | 1.0 | 0.9 | 222 | 0.84 | <0.5 | 0.9 | <0.5 | 2.3 | 125 | 0.3 | 0.3 | 0.4 | 9 |
| 981687 | Drill Core | 1.16 | <0.01 | <0.1 | 0.6 | 6.6 | 44 | 0.3 | 0.6 | 0.9 | 251 | 0.70 | 0.6 | 2.5 | 1.3 | 2.1 | 159 | <0.1 | 1.3 | <0.1 | 5 |
| 981688 | Drill Core | 3.26 | <0.01 | <0.1 | 0.7 | 7.0 | 54 | 0.2 | 0.8 | 1.0 | 210 | 0.89 | 2.6 | 0.4 | 1.3 | 2.1 | 147 | 0.2 | 0.4 | 0.2 | 10 |
| 981689 | Rock | 0.72 | <0.01 | 0.4 | 29.1 | 3.1 | 38 | <0.1 | 28.2 | 8.5 | 171 | 2.04 | <0.5 | 0.6 | <0.5 | 2.7 | 48 | <0.1 | <0.1 | <0.1 | 100 |
| 981690 | Drill Core | 3.05 | <0.01 | <0.1 | 1.2 | 21.2 | 82 | 0.4 | 0.9 | 1.0 | 259 | 0.94 | 0.9 | 0.3 | <0.5 | 2.2 | 201 | 0.4 | 0.2 | 0.7 | 10 |
| 981691 | Drill Core | 3.44 | <0.01 | <0.1 | 1.1 | 17.9 | 77 | 0.3 | 0.7 | 0.9 | 260 | 0.97 | 2.2 | 0.8 | <0.5 | 2.2 | 157 | 0.4 | 0.3 | 0.5 | 10 |
| 981692 | Drill Core | 4.05 | <0.01 | <0.1 | 1.2 | 12.5 | 60 | 0.1 | 0.6 | 0.9 | 220 | 0.90 | 1.5 | 0.9 | <0.5 | 2.2 | 122 | 0.3 | 0.3 | 0.2 | 9 |
| 981693 | Drill Core | 4.39 | 0.03 | 1.1 | 2.8 | 16.4 | 75 | 0.3 | 0.7 | 1.1 | 239 | 1.04 | 3.7 | 0.9 | 15.7 | 2.8 | 137 | 0.6 | 0.3 | 0.2 | 9 |
| 981694 | Drill Core | 1.00 | 0.03 | 0.3 | 1.1 | 6.7 | 35 | 0.7 | 0.7 | 0.7 | 74 | 0.69 | 16.7 | 0.3 | 14.9 | 1.2 | 88 | <0.1 | 1.8 | 0.1 | 3 |
| 981695 | Rock Pulp | 0.09 | 1.16 | 11.2 | 50.5 | 71.2 | 2 | 1.7 | 7.7 | 2.6 | 60 | 4.12 | 95.7 | 0.2 | 765.1 | 0.3 | 6 | <0.1 | 13.6 | 86.6 | 22 |
| 981696 | Drill Core | 1.93 | 0.03 | 0.1 | 0.6 | 5.9 | 41 | 0.6 | 0.9 | 1.0 | 110 | 0.88 | 14.3 | 0.3 | 16.3 | 1.5 | 88 | <0.1 | 1.2 | <0.1 | 5 |
| 981697 | Drill Core | 3.49 | 0.03 | <0.1 | 0.6 | 4.4 | 34 | 0.1 | 0.6 | 0.7 | 173 | 0.76 | 3.4 | 0.3 | 21.8 | 1.4 | 110 | <0.1 | 0.2 | <0.1 | 6 |
| 981698 | Drill Core | 4.48 | 0.02 | <0.1 | 0.3 | 3.5 | 35 | <0.1 | 0.7 | 0.6 | 170 | 0.65 | 1.6 | 0.6 | 9.6 | 1.2 | 118 | <0.1 | 0.2 | <0.1 | 6 |
| 981699 | Drill Core | 4.06 | <0.01 | <0.1 | 0.3 | 3.6 | 31 | 0.3 | 0.6 | 0.7 | 182 | 0.65 | 0.5 | 1.4 | <0.5 | 1.3 | 135 | <0.1 | 0.2 | 0.5 | 5 |
| 981700 | Drill Core | 4.06 | 0.06 | <0.1 | 0.3 | 2.9 | 28 | 0.1 | 0.7 | 0.7 | 141 | 0.68 | 3.4 | 0.6 | 50.8 | 1.3 | 116 | <0.1 | 0.2 | <0.1 | 6 |
| 036001 DUP PULP 981700 | Drill Core | | 0.07 | <0.1 | 0.2 | 2.7 | 26 | 0.1 | 0.6 | 0.7 | 144 | 0.68 | 3.5 | 0.6 | 56.5 | 1.4 | 114 | <0.1 | 0.2 | <0.1 | 6 |
| 036002 | Drill Core | 3.98 | 0.02 | <0.1 | 0.4 | 3.0 | 33 | 0.1 | 0.5 | 0.7 | 155 | 0.66 | 3.0 | 0.6 | 24.6 | 1.5 | 119 | <0.1 | 0.3 | <0.1 | 5 |
| 036003 | Drill Core | 4.21 | <0.01 | <0.1 | 0.4 | 4.6 | 26 | 0.1 | 0.6 | 0.7 | 168 | 0.71 | 3.9 | 1.1 | 8.6 | 1.6 | 116 | <0.1 | 0.2 | 0.2 | 5 |
| 036004 | Drill Core | 4.15 | 0.02 | 0.1 | 0.5 | 9.0 | 48 | 0.2 | 0.6 | 0.6 | 181 | 0.77 | 2.4 | 0.9 | 17.6 | 1.7 | 110 | 0.2 | 0.5 | <0.1 | 5 |
| 036005 | Drill Core | 2.11 | 0.01 | 0.5 | 1.3 | 4.5 | 41 | 0.1 | 0.7 | 0.7 | 141 | 0.66 | 2.4 | 1.0 | 5.7 | 1.6 | 58 | 0.1 | 0.6 | <0.1 | 4 |
| 036006 | Drill Core | 3.96 | 0.03 | 0.2 | 1.7 | 7.3 | 50 | 0.3 | 0.8 | 0.7 | 88 | 0.72 | 7.2 | 0.5 | 23.1 | 1.6 | 41 | 0.4 | 0.7 | 0.1 | 3 |
| 036007 | Rock | 0.76 | <0.01 | 0.3 | 36.6 | 3.2 | 39 | <0.1 | 29.5 | 9.5 | 177 | 2.04 | 0.5 | 0.6 | <0.5 | 2.4 | 44 | <0.1 | <0.1 | <0.1 | 93 |
| 036008 | Drill Core | 2.17 | 2.75 | 0.2 | 0.8 | 2.9 | 14 | 1.3 | 0.6 | 0.3 | 22 | 0.35 | 8.7 | 0.1 | 826.2 | 0.4 | 18 | <0.1 | 0.7 | <0.1 | <2 |
| 036009 | Drill Core | 1.76 | 0.49 | 0.3 | 0.4 | 2.1 | 8 | 0.3 | 0.6 | 0.2 | 13 | 0.25 | 7.2 | <0.1 | 52.8 | 0.2 | 13 | <0.1 | 0.6 | <0.1 | <2 |
| 036010 | Drill Core | 1.82 | 0.02 | 0.2 | 0.6 | 2.6 | 9 | 1.7 | 0.4 | 0.3 | 12 | 0.24 | 4.6 | <0.1 | 9.4 | 0.2 | 22 | <0.1 | 0.5 | 0.1 | <2 |
| 036011 | Drill Core | 1.22 | 0.02 | 0.7 | 14.1 | 7.3 | 24 | 1.5 | 0.8 | 0.6 | 7 | 1.23 | 15.9 | 0.4 | 19.9 | 0.5 | 77 | 0.1 | 4.7 | 0.1 | <2 |

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Project: Rosetta Stone
 Report Date: December 16, 2009

Page: 3 of 7 Part 2

CERTIFICATE OF ANALYSIS

VAN09005748.1

| Method Analyte Unit MDL | 1DX Ca % 0.01 | 1DX P % 0.001 | 1DX La ppm 1 | 1DX Cr ppm 1 | 1DX Mg % 0.01 | 1DX Ba ppm 1 | 1DX Ti % 0.001 | 1DX B ppm 20 | 1DX Al % 0.01 | 1DX Na % 0.001 | 1DX K % 0.01 | 1DX W ppm 0.1 | 1DX Hg ppm 0.01 | 1DX Sc ppm 0.1 | 1DX Tl ppm 0.1 | 1DX S % 0.05 | 1DX Ga ppm 1 | 1DX Se ppm 0.5 |
|-----------------------------------|---------------|---------------|--------------|--------------|---------------|--------------|----------------|--------------|---------------|----------------|--------------|---------------|-----------------|----------------|----------------|--------------|--------------|----------------|
| 981682 Drill Core | 0.94 | 0.023 | 12 | 4 | 0.11 | 45 | 0.009 | <20 | 0.32 | 0.085 | 0.08 | 0.1 | 0.03 | 0.6 | <0.1 | 0.25 | 3 | <0.5 |
| 981683 DUP PULP 981682 Drill Core | 0.94 | 0.022 | 12 | 4 | 0.11 | 43 | 0.009 | <20 | 0.31 | 0.087 | 0.08 | 0.1 | 0.03 | 0.7 | <0.1 | 0.25 | 3 | <0.5 |
| 981684 Drill Core | 1.14 | 0.023 | 15 | 5 | 0.12 | 31 | 0.002 | <20 | 0.21 | 0.060 | 0.06 | <0.1 | 0.05 | 0.5 | <0.1 | 0.28 | 2 | 0.7 |
| 981685 Drill Core | 1.04 | 0.022 | 14 | 4 | 0.11 | 38 | 0.002 | <20 | 0.22 | 0.074 | 0.07 | <0.1 | 0.03 | 0.6 | <0.1 | 0.33 | 2 | 1.5 |
| 981686 Drill Core | 0.84 | 0.019 | 12 | 5 | 0.09 | 27 | 0.003 | <20 | 0.19 | 0.055 | 0.05 | <0.1 | 0.06 | 0.5 | <0.1 | 0.25 | 1 | 1.1 |
| 981687 Drill Core | 2.00 | 0.016 | 10 | 2 | 0.07 | 13 | 0.001 | <20 | 0.25 | 0.014 | 0.03 | <0.1 | 0.16 | 0.5 | <0.1 | 0.27 | 1 | 1.1 |
| 981688 Drill Core | 0.94 | 0.022 | 11 | 5 | 0.10 | 28 | 0.005 | <20 | 0.23 | 0.056 | 0.06 | 0.1 | 0.08 | 0.6 | <0.1 | 0.27 | 2 | 1.3 |
| 981689 Rock | 0.86 | 0.196 | 28 | 30 | 0.81 | 167 | 0.171 | <20 | 0.86 | 0.074 | 0.67 | <0.1 | <0.01 | 1.5 | 0.2 | <0.05 | 4 | <0.5 |
| 981690 Drill Core | 1.27 | 0.023 | 11 | 5 | 0.12 | 29 | 0.005 | <20 | 0.22 | 0.061 | 0.06 | 0.1 | 0.03 | 0.5 | <0.1 | 0.31 | 2 | 1.2 |
| 981691 Drill Core | 1.13 | 0.021 | 11 | 4 | 0.11 | 30 | 0.002 | <20 | 0.17 | 0.064 | 0.06 | <0.1 | 0.08 | 0.5 | <0.1 | 0.31 | 1 | 1.7 |
| 981692 Drill Core | 0.87 | 0.023 | 11 | 5 | 0.09 | 33 | 0.002 | <20 | 0.18 | 0.064 | 0.06 | 0.3 | 0.16 | 0.4 | <0.1 | 0.35 | 1 | 1.0 |
| 981693 Drill Core | 1.03 | 0.030 | 15 | 2 | 0.12 | 27 | 0.001 | <20 | 0.17 | 0.061 | 0.05 | <0.1 | 0.08 | 0.5 | <0.1 | 0.52 | 1 | 1.8 |
| 981694 Drill Core | 0.61 | 0.009 | 6 | 8 | 0.06 | 24 | <0.001 | <20 | 0.21 | 0.027 | 0.06 | <0.1 | 0.33 | 0.2 | <0.1 | 0.47 | <1 | 2.7 |
| 981695 Rock Pulp | <0.01 | 0.004 | <1 | 22 | <0.01 | 250 | 0.004 | <20 | 0.11 | 0.002 | 0.01 | 0.3 | 0.14 | 0.3 | 0.3 | 0.09 | 2 | 15.1 |
| 981696 Drill Core | 0.29 | 0.011 | 8 | 2 | 0.09 | 20 | <0.001 | <20 | 0.25 | 0.033 | 0.07 | <0.1 | 0.11 | 0.3 | <0.1 | 0.60 | 1 | 2.6 |
| 981697 Drill Core | 0.73 | 0.017 | 8 | 6 | 0.08 | 32 | 0.001 | <20 | 0.17 | 0.065 | 0.07 | <0.1 | 0.05 | 0.4 | <0.1 | 0.39 | <1 | 0.8 |
| 981698 Drill Core | 0.72 | 0.015 | 6 | 4 | 0.08 | 30 | 0.003 | <20 | 0.19 | 0.060 | 0.07 | <0.1 | 0.06 | 0.3 | <0.1 | 0.23 | 1 | <0.5 |
| 981699 Drill Core | 0.81 | 0.013 | 6 | 5 | 0.08 | 32 | 0.005 | <20 | 0.22 | 0.060 | 0.09 | 0.1 | <0.01 | 0.4 | <0.1 | 0.23 | 2 | <0.5 |
| 981700 Drill Core | 0.58 | 0.015 | 6 | 4 | 0.09 | 30 | 0.002 | <20 | 0.18 | 0.055 | 0.09 | 0.1 | 0.04 | 0.3 | <0.1 | 0.30 | 1 | 0.5 |
| 036001 DUP PULP 981700 Drill Core | 0.58 | 0.014 | 6 | 4 | 0.09 | 30 | 0.002 | <20 | 0.18 | 0.056 | 0.09 | <0.1 | 0.05 | 0.3 | <0.1 | 0.30 | 1 | <0.5 |
| 036002 Drill Core | 0.76 | 0.015 | 7 | 6 | 0.07 | 35 | 0.002 | <20 | 0.19 | 0.062 | 0.10 | 0.1 | 0.03 | 0.3 | <0.1 | 0.29 | 1 | 0.6 |
| 036003 Drill Core | 0.87 | 0.017 | 7 | 4 | 0.07 | 28 | 0.001 | <20 | 0.16 | 0.054 | 0.08 | 0.1 | 0.04 | 0.3 | <0.1 | 0.36 | 1 | 0.7 |
| 036004 Drill Core | 0.80 | 0.017 | 7 | 5 | 0.11 | 26 | 0.001 | <20 | 0.22 | 0.046 | 0.07 | <0.1 | 0.11 | 0.4 | <0.1 | 0.28 | 1 | 1.2 |
| 036005 Drill Core | 0.45 | 0.016 | 7 | 3 | 0.08 | 22 | 0.002 | <20 | 0.20 | 0.044 | 0.07 | <0.1 | 0.09 | 0.3 | <0.1 | 0.31 | 1 | 0.9 |
| 036006 Drill Core | 0.28 | 0.016 | 7 | 3 | 0.08 | 17 | <0.001 | <20 | 0.34 | 0.008 | 0.05 | <0.1 | 0.15 | 0.3 | <0.1 | 0.49 | 1 | 1.8 |
| 036007 Rock | 0.84 | 0.193 | 25 | 28 | 0.79 | 157 | 0.190 | <20 | 0.84 | 0.059 | 0.64 | <0.1 | <0.01 | 1.4 | 0.2 | <0.05 | 5 | <0.5 |
| 036008 Drill Core | 0.02 | 0.004 | 2 | 9 | <0.01 | 13 | <0.001 | <20 | 0.20 | 0.002 | 0.04 | <0.1 | 0.07 | 0.1 | <0.1 | 0.23 | <1 | 1.4 |
| 036009 Drill Core | 0.02 | 0.002 | 1 | <1 | <0.01 | 12 | <0.001 | <20 | 0.14 | 0.003 | 0.03 | <0.1 | 0.03 | 0.2 | <0.1 | 0.16 | <1 | 0.8 |
| 036010 Drill Core | 0.03 | 0.003 | 1 | 10 | <0.01 | 10 | <0.001 | <20 | 0.16 | 0.003 | 0.03 | <0.1 | 0.05 | 0.2 | <0.1 | 0.15 | <1 | 0.8 |
| 036011 Drill Core | 0.08 | 0.007 | 3 | 4 | 0.02 | 7 | <0.001 | <20 | 0.46 | 0.009 | 0.06 | 0.1 | 0.05 | 0.3 | 0.4 | 1.32 | 2 | 4.2 |

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Project: Rosetta Stone
Report Date: December 16, 2009

Page: 4 of 7 Part 1

CERTIFICATE OF ANALYSIS

VAN09005748.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|------------------------|------------|-------|-------|------|------|------|-----|------|------|-----|------|------|-------|------|-------|-----|-----|------|------|------|-----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | 0.1 | |
| 036012 | Drill Core | 2.24 | 0.04 | 0.3 | 0.9 | 4.5 | 22 | 0.6 | 0.6 | 0.5 | 10 | 0.42 | 10.6 | 0.6 | 21.0 | 0.5 | 48 | <0.1 | 0.8 | 0.1 | <2 |
| 036013 | Drill Core | 3.35 | 0.20 | 0.2 | 0.9 | 2.4 | 13 | 15.4 | 0.6 | 0.4 | 14 | 0.34 | 8.7 | 0.2 | 51.6 | 0.3 | 17 | <0.1 | 0.9 | <0.1 | <2 |
| 036014 | Drill Core | 2.92 | 0.26 | 0.2 | 1.1 | 1.7 | 5 | 27.3 | 0.6 | 0.2 | 18 | 0.29 | 3.8 | <0.1 | 63.1 | 0.1 | 11 | <0.1 | 3.7 | <0.1 | <2 |
| 036015 | Drill Core | 2.84 | 0.26 | 0.2 | 9.1 | 3.1 | 9 | 13.4 | 0.5 | 0.2 | 26 | 0.20 | 4.3 | <0.1 | 183.5 | 0.1 | 15 | <0.1 | 2.6 | <0.1 | <2 |
| 036016 | Drill Core | 3.49 | 0.05 | 0.1 | 1.5 | 16.4 | 68 | 0.3 | 0.6 | 0.6 | 164 | 0.72 | 3.1 | 0.4 | 28.1 | 2.0 | 76 | 0.3 | 0.3 | 0.2 | 6 |
| 036017 | Rock Pulp | 0.07 | 1.15 | 11.3 | 61.0 | 87.2 | 2 | 1.8 | 7.9 | 2.6 | 68 | 4.02 | 115.1 | 0.2 | 885.9 | 0.4 | 7 | <0.1 | 16.9 | 92.3 | 21 |
| 036018 | Drill Core | 3.76 | 0.09 | <0.1 | 2.3 | 30.5 | 153 | 0.6 | 0.5 | 0.7 | 147 | 0.72 | 4.9 | 0.9 | 80.6 | 2.1 | 53 | 1.0 | 0.2 | 0.6 | 5 |
| 036019 | Drill Core | 4.33 | 0.06 | 0.1 | 1.4 | 35.9 | 87 | 0.4 | 0.5 | 0.7 | 174 | 0.79 | 2.8 | 0.9 | 25.6 | 2.4 | 93 | 0.4 | 0.3 | 0.5 | 7 |
| 036020 | Drill Core | 4.36 | 0.07 | <0.1 | 1.1 | 8.9 | 43 | 0.4 | 0.6 | 0.7 | 197 | 0.75 | 2.7 | 0.4 | 38.6 | 2.0 | 106 | 0.1 | 0.2 | 0.1 | 7 |
| 036021 | Drill Core | 2.02 | 0.07 | <0.1 | 1.0 | 30.1 | 136 | 0.3 | 0.5 | 0.6 | 169 | 0.64 | 2.0 | 1.0 | 27.7 | 2.2 | 97 | 0.8 | 0.1 | <0.1 | 5 |
| 036022 | Drill Core | 3.29 | <0.01 | <0.1 | 1.4 | 13.0 | 70 | <0.1 | 0.5 | 0.6 | 180 | 0.67 | 1.8 | 1.2 | 2.3 | 2.1 | 128 | 0.3 | 0.2 | <0.1 | 6 |
| 036023 DUP PULP 036022 | Drill Core | | <0.01 | <0.1 | 1.3 | 13.6 | 74 | <0.1 | 0.6 | 0.6 | 184 | 0.69 | 1.7 | 1.2 | 2.8 | 2.2 | 131 | 0.3 | 0.1 | <0.1 | 6 |
| 036024 | Drill Core | 3.46 | <0.01 | <0.1 | 1.1 | 12.9 | 64 | <0.1 | 0.6 | 0.7 | 182 | 0.70 | 1.5 | 0.9 | 0.9 | 1.9 | 119 | 0.3 | 0.2 | <0.1 | 7 |
| 036025 | Drill Core | 4.28 | <0.01 | 0.2 | 2.4 | 36.2 | 88 | 0.1 | 0.7 | 0.6 | 210 | 0.75 | 1.6 | 0.7 | 1.0 | 1.9 | 136 | 0.5 | <0.1 | <0.1 | 8 |
| 036026 | Drill Core | 4.34 | <0.01 | 0.2 | 2.1 | 19.6 | 89 | 0.2 | 0.6 | 0.9 | 196 | 0.79 | 5.7 | 0.6 | 5.5 | 2.2 | 113 | 0.5 | 0.4 | 0.1 | 7 |
| 036027 | Drill Core | 4.37 | <0.01 | 0.5 | 2.6 | 23.9 | 81 | <0.1 | 0.5 | 0.7 | 215 | 0.77 | 1.2 | 1.1 | 0.8 | 2.6 | 116 | 0.4 | <0.1 | 0.1 | 9 |
| 036028 | Drill Core | 4.51 | <0.01 | 0.1 | 1.8 | 42.1 | 62 | 0.5 | 0.7 | 0.9 | 186 | 0.77 | 1.1 | 0.2 | 2.7 | 2.0 | 123 | 0.2 | 0.1 | 0.9 | 9 |
| 036029 | Rock | 0.96 | <0.01 | 0.4 | 38.9 | 4.0 | 43 | <0.1 | 28.2 | 8.7 | 176 | 2.04 | <0.5 | 0.7 | <0.5 | 2.7 | 54 | <0.1 | <0.1 | <0.1 | 96 |
| 036030 | Drill Core | 4.32 | <0.01 | <0.1 | 2.4 | 25.0 | 57 | 0.2 | 0.6 | 0.8 | 209 | 0.79 | 0.8 | 0.2 | 2.3 | 1.8 | 145 | 0.3 | 0.1 | 0.3 | 8 |
| 036031 | Drill Core | 4.53 | <0.01 | <0.1 | 1.5 | 42.9 | 98 | 0.3 | 0.6 | 0.7 | 214 | 0.76 | 1.0 | 0.5 | 0.8 | 1.6 | 137 | 0.6 | <0.1 | 0.7 | 7 |
| 036032 | Drill Core | 4.57 | 0.01 | <0.1 | 2.4 | 11.8 | 44 | 0.1 | 0.6 | 0.8 | 165 | 0.67 | 2.6 | 0.5 | 8.5 | 1.6 | 95 | 0.2 | 0.3 | 0.1 | 6 |
| 036033 | Drill Core | 2.68 | <0.01 | 0.1 | 2.2 | 18.7 | 68 | 0.2 | 0.8 | 1.0 | 263 | 0.92 | <0.5 | 0.7 | <0.5 | 2.6 | 184 | 0.4 | 0.1 | 0.3 | 11 |
| 036034 | Drill Core | 3.38 | <0.01 | 0.4 | 2.0 | 10.8 | 57 | 0.1 | 0.7 | 1.1 | 304 | 1.01 | 0.8 | 0.7 | <0.5 | 3.1 | 240 | 0.5 | 0.2 | 0.2 | 12 |
| 036035 | Rock Pulp | 0.09 | 1.28 | 11.1 | 58.0 | 84.3 | 2 | 1.7 | 7.5 | 2.5 | 66 | 4.03 | 115.6 | 0.2 | 959.5 | 0.4 | 7 | <0.1 | 16.6 | 89.8 | 21 |
| 036036 | Drill Core | 1.86 | <0.01 | 0.1 | 2.9 | 10.2 | 69 | 0.1 | 0.7 | 1.1 | 346 | 0.94 | 1.6 | 0.9 | 0.7 | 3.1 | 215 | 0.4 | 0.1 | 0.2 | 9 |
| 036037 | Drill Core | 4.54 | <0.01 | <0.1 | 0.3 | 6.8 | 61 | <0.1 | 0.5 | 1.1 | 248 | 1.04 | <0.5 | 0.4 | <0.5 | 3.9 | 228 | 0.2 | 1.4 | <0.1 | 11 |
| 036038 | Drill Core | 2.36 | <0.01 | <0.1 | 0.4 | 6.2 | 60 | <0.1 | 0.8 | 1.1 | 200 | 0.88 | <0.5 | 0.3 | 0.7 | 3.5 | 157 | 0.2 | 0.7 | <0.1 | 10 |
| 036039 | Drill Core | 2.98 | <0.01 | 0.2 | 0.7 | 9.5 | 67 | 0.1 | 0.7 | 1.3 | 257 | 1.03 | 0.9 | 1.2 | 0.7 | 3.9 | 234 | 0.3 | 1.0 | 0.1 | 10 |
| 036040 | Drill Core | 2.28 | 0.01 | <0.1 | 1.0 | 8.1 | 61 | 0.5 | 0.8 | 1.1 | 232 | 1.01 | 11.7 | 2.4 | 74.8 | 4.9 | 236 | 0.1 | 1.7 | <0.1 | 10 |
| 036041 DUP PULP 036040 | Drill Core | | 0.01 | <0.1 | 1.2 | 8.1 | 61 | 0.5 | 0.6 | 1.2 | 229 | 0.99 | 12.4 | 2.5 | 7.9 | 4.7 | 236 | 0.1 | 1.6 | <0.1 | 10 |



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Project: Rosetta Stone
 Report Date: December 16, 2009

Page: 4 of 7 Part 2

CERTIFICATE OF ANALYSIS

VAN09005748.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|-----|------|-------|-------|--------|------|-------|-------|------|------|-------|------|------|-------|-----|------|
| Analyte | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
| Unit | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| MDL | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 1 | 0.5 | |
| 036012 | Drill Core | 0.06 | 0.009 | 3 | 5 | 0.01 | 12 | <0.001 | <20 | 0.35 | 0.004 | 0.06 | <0.1 | 0.05 | 0.2 | <0.1 | 0.40 | 2 | 2.2 |
| 036013 | Drill Core | 0.02 | 0.006 | 2 | 6 | <0.01 | 12 | <0.001 | <20 | 0.20 | 0.002 | 0.04 | <0.1 | 0.09 | 0.2 | <0.1 | 0.26 | <1 | 3.5 |
| 036014 | Drill Core | 0.02 | 0.002 | <1 | 17 | <0.01 | 8 | <0.001 | <20 | 0.11 | 0.002 | 0.02 | <0.1 | 0.20 | 0.1 | <0.1 | 0.16 | <1 | 3.6 |
| 036015 | Drill Core | 0.05 | 0.002 | <1 | 12 | 0.02 | 6 | <0.001 | <20 | 0.11 | 0.003 | 0.02 | <0.1 | 0.05 | <0.1 | <0.1 | 0.07 | <1 | 1.7 |
| 036016 | Drill Core | 0.39 | 0.018 | 10 | 6 | 0.10 | 27 | 0.002 | <20 | 0.20 | 0.056 | 0.06 | <0.1 | 0.02 | 0.3 | <0.1 | 0.11 | 1 | 1.1 |
| 036017 | Rock Pulp | <0.01 | 0.005 | <1 | 22 | <0.01 | 274 | 0.005 | <20 | 0.12 | 0.002 | 0.01 | 0.3 | 0.16 | 0.4 | 0.3 | 0.09 | 2 | 15.3 |
| 036018 | Drill Core | 0.26 | 0.019 | 9 | 4 | 0.12 | 25 | 0.001 | <20 | 0.21 | 0.051 | 0.08 | <0.1 | 0.02 | 0.2 | <0.1 | 0.17 | 1 | 2.2 |
| 036019 | Drill Core | 0.68 | 0.019 | 10 | 5 | 0.17 | 25 | 0.001 | <20 | 0.20 | 0.058 | 0.06 | <0.1 | 0.01 | 0.3 | <0.1 | 0.15 | 1 | 2.3 |
| 036020 | Drill Core | 0.73 | 0.019 | 10 | 4 | 0.13 | 24 | 0.001 | <20 | 0.17 | 0.048 | 0.05 | <0.1 | 0.02 | 0.3 | <0.1 | 0.20 | 1 | 0.7 |
| 036021 | Drill Core | 0.72 | 0.015 | 8 | 5 | 0.10 | 23 | 0.001 | <20 | 0.17 | 0.048 | 0.07 | <0.1 | 0.02 | 0.2 | <0.1 | 0.21 | 1 | 1.4 |
| 036022 | Drill Core | 0.74 | 0.015 | 9 | 3 | 0.11 | 31 | 0.002 | <20 | 0.19 | 0.056 | 0.06 | <0.1 | 0.01 | 0.3 | <0.1 | 0.16 | 2 | 0.8 |
| 036023 DUP PULP 036022 | Drill Core | 0.77 | 0.016 | 9 | 4 | 0.11 | 32 | 0.002 | <20 | 0.20 | 0.057 | 0.07 | <0.1 | 0.01 | 0.3 | <0.1 | 0.16 | 2 | 0.6 |
| 036024 | Drill Core | 0.76 | 0.017 | 9 | 5 | 0.13 | 30 | 0.003 | <20 | 0.18 | 0.056 | 0.06 | <0.1 | 0.01 | 0.3 | <0.1 | 0.14 | 2 | 0.6 |
| 036025 | Drill Core | 0.94 | 0.017 | 10 | 5 | 0.13 | 32 | 0.001 | <20 | 0.17 | 0.068 | 0.06 | <0.1 | 0.01 | 0.3 | <0.1 | 0.17 | 1 | 1.3 |
| 036026 | Drill Core | 0.78 | 0.019 | 10 | 4 | 0.13 | 26 | 0.001 | <20 | 0.17 | 0.062 | 0.06 | <0.1 | 0.02 | 0.3 | <0.1 | 0.26 | 1 | 1.7 |
| 036027 | Drill Core | 0.92 | 0.021 | 11 | 4 | 0.14 | 29 | 0.001 | <20 | 0.16 | 0.063 | 0.06 | <0.1 | <0.01 | 0.4 | <0.1 | 0.19 | 1 | 0.8 |
| 036028 | Drill Core | 0.76 | 0.021 | 11 | 5 | 0.14 | 37 | 0.006 | <20 | 0.20 | 0.065 | 0.06 | <0.1 | 0.01 | 0.4 | <0.1 | 0.15 | 2 | 1.2 |
| 036029 | Rock | 0.88 | 0.192 | 30 | 29 | 0.84 | 173 | 0.143 | <20 | 0.85 | 0.069 | 0.69 | <0.1 | <0.01 | 1.7 | 0.2 | <0.05 | 4 | <0.5 |
| 036030 | Drill Core | 0.90 | 0.023 | 9 | 5 | 0.14 | 38 | 0.009 | <20 | 0.23 | 0.067 | 0.07 | <0.1 | <0.01 | 0.5 | <0.1 | 0.19 | 2 | <0.5 |
| 036031 | Drill Core | 0.85 | 0.021 | 9 | 4 | 0.13 | 28 | 0.002 | <20 | 0.15 | 0.060 | 0.06 | <0.1 | <0.01 | 0.4 | <0.1 | 0.17 | <1 | 1.4 |
| 036032 | Drill Core | 0.55 | 0.017 | 8 | 5 | 0.10 | 28 | 0.002 | <20 | 0.16 | 0.061 | 0.06 | <0.1 | 0.02 | 0.3 | <0.1 | 0.19 | 1 | 0.6 |
| 036033 | Drill Core | 1.17 | 0.026 | 13 | 3 | 0.19 | 31 | 0.002 | <20 | 0.16 | 0.062 | 0.06 | <0.1 | 0.03 | 0.7 | <0.1 | 0.29 | 1 | 0.6 |
| 036034 | Drill Core | 1.56 | 0.027 | 15 | 5 | 0.18 | 31 | 0.001 | <20 | 0.15 | 0.066 | 0.05 | <0.1 | 0.04 | 0.6 | <0.1 | 0.46 | 1 | 0.8 |
| 036035 | Rock Pulp | <0.01 | 0.004 | <1 | 21 | <0.01 | 258 | 0.004 | <20 | 0.11 | 0.002 | 0.01 | 0.3 | 0.17 | 0.3 | 0.3 | 0.09 | 2 | 14.1 |
| 036036 | Drill Core | 1.50 | 0.023 | 13 | 3 | 0.15 | 28 | 0.002 | <20 | 0.14 | 0.054 | 0.05 | <0.1 | <0.01 | 0.5 | <0.1 | 0.38 | 1 | 0.6 |
| 036037 | Drill Core | 1.39 | 0.021 | 17 | 4 | 0.19 | 32 | 0.002 | <20 | 0.27 | 0.050 | 0.06 | <0.1 | 0.06 | 0.7 | <0.1 | 0.25 | 2 | <0.5 |
| 036038 | Drill Core | 0.87 | 0.023 | 15 | 3 | 0.16 | 50 | 0.017 | <20 | 0.30 | 0.050 | 0.08 | <0.1 | 0.04 | 0.6 | <0.1 | 0.18 | 3 | <0.5 |
| 036039 | Drill Core | 1.36 | 0.023 | 17 | 4 | 0.20 | 26 | 0.008 | <20 | 0.30 | 0.043 | 0.08 | <0.1 | 0.05 | 0.7 | <0.1 | 0.21 | 2 | 1.1 |
| 036040 | Drill Core | 1.31 | 0.021 | 20 | 3 | 0.17 | 23 | 0.001 | <20 | 0.15 | 0.047 | 0.06 | <0.1 | 0.01 | 0.5 | <0.1 | 0.45 | 1 | 2.9 |
| 036041 DUP PULP 036040 | Drill Core | 1.29 | 0.020 | 19 | 2 | 0.16 | 21 | 0.001 | <20 | 0.16 | 0.045 | 0.06 | <0.1 | 0.02 | 0.5 | <0.1 | 0.45 | 1 | 2.9 |

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.



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Project: Rosetta Stone
 Report Date: December 16, 2009

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CERTIFICATE OF ANALYSIS

VAN09005748.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|------|------|------|-----|------|------|-----|------|------|-------|-----|-------|-----|-----|------|------|-------|-----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | 0.1 | |
| 036042 | Drill Core | 3.96 | 0.01 | <0.1 | 1.3 | 6.0 | 64 | 0.3 | 0.7 | 1.3 | 233 | 0.97 | 7.6 | 2.2 | 69.4 | 4.7 | 240 | <0.1 | 1.0 | <0.1 | 10 |
| 036043 | Drill Core | 3.85 | <0.01 | 0.1 | 0.2 | 6.2 | 60 | 0.2 | 0.6 | 1.2 | 211 | 0.94 | 4.8 | 1.1 | 2.6 | 4.6 | 205 | <0.1 | 0.7 | <0.1 | 10 |
| 036044 | Drill Core | 4.30 | <0.01 | <0.1 | 0.3 | 7.2 | 62 | 0.1 | 0.6 | 1.3 | 218 | 0.90 | <0.5 | 1.1 | <0.5 | 3.4 | 207 | <0.1 | 0.4 | <0.1 | 10 |
| 036045 | Drill Core | 2.46 | <0.01 | <0.1 | 0.4 | 7.4 | 62 | 0.1 | 0.8 | 1.3 | 236 | 1.06 | 2.1 | 3.7 | 2.0 | 4.7 | 222 | 0.1 | 1.0 | <0.1 | 12 |
| 036046 | Drill Core | 3.05 | 0.02 | <0.1 | 0.8 | 7.2 | 60 | 0.2 | 0.8 | 1.3 | 251 | 1.08 | 9.2 | 1.2 | 10.6 | 4.6 | 241 | <0.1 | 1.4 | <0.1 | 11 |
| 036047 | Rock | 0.68 | <0.01 | 0.3 | 37.9 | 3.1 | 45 | <0.1 | 29.0 | 9.2 | 185 | 2.05 | <0.5 | 0.7 | <0.5 | 2.4 | 47 | <0.1 | <0.1 | <0.1 | 94 |
| 036048 | Drill Core | 2.19 | 0.03 | <0.1 | 2.5 | 7.1 | 56 | 0.3 | 1.1 | 1.2 | 219 | 0.97 | 8.8 | 1.1 | 23.9 | 4.2 | 202 | <0.1 | 1.1 | <0.1 | 11 |
| 036049 | Drill Core | 2.11 | 0.04 | 0.2 | 1.6 | 7.8 | 53 | 1.0 | 0.7 | 1.1 | 110 | 0.97 | 21.1 | 1.6 | 29.8 | 3.0 | 164 | <0.1 | 2.9 | <0.1 | 7 |
| 036050 | Drill Core | 2.61 | 0.04 | 0.2 | 2.1 | 7.6 | 57 | 1.0 | 1.1 | 1.3 | 85 | 1.10 | 28.1 | 2.7 | 31.5 | 3.6 | 69 | <0.1 | 1.9 | 0.1 | 5 |
| 036051 | Drill Core | 3.85 | 0.06 | 0.1 | 1.4 | 8.1 | 76 | 0.4 | 0.9 | 1.5 | 215 | 1.21 | 10.9 | 2.8 | 24.2 | 5.1 | 152 | 0.2 | 1.4 | <0.1 | 12 |
| 036052 | Drill Core | 4.39 | 0.06 | 0.1 | 1.0 | 8.0 | 71 | 0.5 | 0.9 | 1.6 | 208 | 1.18 | 12.1 | 2.5 | 34.1 | 4.8 | 154 | 0.1 | 1.7 | <0.1 | 10 |
| 036053 | Drill Core | 4.51 | 0.02 | <0.1 | 0.4 | 7.7 | 61 | 0.4 | 0.8 | 1.4 | 271 | 1.17 | 9.6 | 1.1 | 22.8 | 4.9 | 228 | 0.1 | 1.2 | <0.1 | 12 |
| 036054 | Drill Core | 4.27 | 0.03 | 0.2 | 1.6 | 8.8 | 75 | 0.6 | 1.0 | 1.6 | 237 | 1.13 | 14.5 | 1.3 | 18.4 | 4.6 | 158 | <0.1 | 2.4 | 0.3 | 10 |
| 036055 | Drill Core | 4.15 | 0.18 | 1.0 | 2.0 | 9.5 | 56 | 0.7 | 0.8 | 1.2 | 126 | 1.23 | 22.7 | 1.3 | 41.0 | 4.5 | 81 | 0.2 | 2.0 | <0.1 | 10 |
| 036056 | Drill Core | 4.33 | 0.21 | 0.4 | 1.6 | 9.1 | 62 | 0.6 | 0.7 | 1.3 | 132 | 1.05 | 21.6 | 1.1 | 71.5 | 4.2 | 78 | 0.1 | 1.9 | 0.2 | 9 |
| 036057 | Rock Pulp | 0.05 | 1.20 | 12.8 | 67.2 | 99.1 | 3 | 2.1 | 9.6 | 3.3 | 80 | 4.88 | 134.8 | 0.2 | 1116 | 0.5 | 8 | <0.1 | 17.6 | 106.2 | 26 |
| 036058 | Drill Core | 2.20 | 0.07 | 0.2 | 1.0 | 6.6 | 54 | 0.5 | 0.7 | 1.2 | 124 | 0.93 | 19.9 | 1.1 | 38.2 | 3.6 | 60 | 0.1 | 1.2 | 0.1 | 8 |
| 036059 | Drill Core | 3.10 | 0.07 | <0.1 | 1.1 | 9.6 | 71 | 0.3 | 0.7 | 1.6 | 221 | 1.23 | 7.8 | 1.4 | 40.2 | 5.1 | 85 | 0.1 | 0.9 | 0.1 | 13 |
| 036060 | Drill Core | 2.95 | 0.09 | 0.1 | 1.1 | 8.6 | 54 | 0.8 | 0.8 | 1.7 | 95 | 0.93 | 14.0 | 1.5 | 41.7 | 4.2 | 33 | <0.1 | 2.4 | <0.1 | 4 |
| 036061 | Drill Core | 1.96 | 0.05 | 0.4 | 0.9 | 6.5 | 36 | 0.8 | 0.7 | 1.1 | 36 | 0.74 | 32.0 | 0.7 | 54.9 | 3.1 | 30 | <0.1 | 2.2 | <0.1 | 3 |
| 036062 | Drill Core | 4.23 | 0.09 | 0.2 | 0.8 | 9.8 | 63 | 1.1 | 0.8 | 1.8 | 97 | 1.21 | 21.4 | 1.1 | 228.8 | 5.4 | 32 | <0.1 | 3.3 | <0.1 | 5 |
| 036063 DUP PULP 036062 | Drill Core | | 0.09 | 0.2 | 0.8 | 9.9 | 68 | 0.9 | 0.9 | 1.7 | 96 | 1.18 | 21.2 | 1.2 | 64.2 | 5.6 | 32 | 0.1 | 3.5 | <0.1 | 6 |
| 036064 | Drill Core | 4.17 | 0.05 | 0.2 | 0.7 | 7.6 | 54 | 0.9 | 0.9 | 1.4 | 86 | 1.02 | 17.9 | 1.1 | 47.9 | 5.1 | 31 | <0.1 | 3.4 | <0.1 | 5 |
| 036065 | Drill Core | 4.20 | 0.13 | 0.2 | 1.0 | 7.0 | 68 | 0.9 | 0.9 | 1.4 | 219 | 1.35 | 22.3 | 1.3 | 68.6 | 5.6 | 126 | 0.2 | 2.9 | <0.1 | 7 |
| 036066 | Drill Core | 4.11 | 0.09 | 0.2 | 1.7 | 7.7 | 69 | 0.8 | 1.0 | 1.6 | 249 | 1.37 | 17.9 | 1.1 | 177.8 | 5.6 | 114 | <0.1 | 2.1 | <0.1 | 7 |
| 036067 | Drill Core | 2.73 | 0.04 | 0.1 | 1.5 | 8.2 | 74 | 0.7 | 0.7 | 2.0 | 186 | 1.35 | 20.1 | 0.8 | 36.3 | 5.2 | 85 | <0.1 | 2.3 | <0.1 | 7 |
| 036068 | Drill Core | 3.48 | 0.08 | <0.1 | 0.6 | 4.9 | 57 | 0.4 | 0.8 | 1.3 | 279 | 1.22 | 8.0 | 0.6 | 40.6 | 4.8 | 165 | <0.1 | 1.1 | <0.1 | 8 |
| 036069 | Rock | 1.20 | <0.01 | 0.5 | 41.9 | 3.3 | 44 | <0.1 | 30.7 | 9.7 | 180 | 2.26 | <0.5 | 0.8 | 5.4 | 3.2 | 55 | <0.1 | <0.1 | <0.1 | 104 |
| 036070 | Drill Core | 4.39 | 0.05 | 0.1 | 1.3 | 7.3 | 75 | 0.5 | 0.9 | 1.6 | 225 | 1.28 | 9.4 | 0.9 | 123.7 | 5.2 | 121 | 0.2 | 1.2 | 0.1 | 10 |
| 036071 | Drill Core | 3.97 | 0.10 | 0.1 | 1.6 | 8.3 | 63 | 0.4 | 0.9 | 1.3 | 209 | 1.08 | 11.7 | 0.9 | 59.6 | 4.8 | 125 | 0.2 | 1.3 | <0.1 | 7 |

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.



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Project: Rosetta Stone
 Report Date: December 16, 2009

Page: 5 of 7 Part 2

CERTIFICATE OF ANALYSIS

VAN09005748.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|-----|------|-------|-------|--------|------|-------|--------|------|------|-------|------|------|-------|-----|------|
| Analyte | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
| Unit | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| MDL | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 1 | 0.5 | |
| 036042 | Drill Core | 1.25 | 0.022 | 19 | 5 | 0.16 | 24 | 0.001 | <20 | 0.17 | 0.052 | 0.07 | <0.1 | 0.02 | 0.6 | <0.1 | 0.29 | 2 | 2.4 |
| 036043 | Drill Core | 0.94 | 0.026 | 20 | 3 | 0.13 | 26 | 0.003 | <20 | 0.22 | 0.053 | 0.09 | <0.1 | 0.01 | 0.7 | <0.1 | 0.21 | 3 | 1.3 |
| 036044 | Drill Core | 0.99 | 0.025 | 15 | 6 | 0.17 | 50 | 0.018 | <20 | 0.33 | 0.055 | 0.08 | <0.1 | <0.01 | 0.6 | <0.1 | 0.21 | 3 | 0.9 |
| 036045 | Drill Core | 1.01 | 0.028 | 21 | 4 | 0.17 | 54 | 0.007 | <20 | 0.31 | 0.056 | 0.09 | <0.1 | <0.01 | 0.7 | <0.1 | 0.21 | 4 | 1.5 |
| 036046 | Drill Core | 1.34 | 0.027 | 21 | 5 | 0.20 | 24 | 0.002 | <20 | 0.18 | 0.047 | 0.06 | <0.1 | 0.02 | 0.7 | <0.1 | 0.40 | 2 | 2.2 |
| 036047 | Rock | 0.80 | 0.193 | 30 | 26 | 0.84 | 175 | 0.138 | <20 | 0.86 | 0.063 | 0.67 | <0.1 | <0.01 | 1.6 | 0.3 | <0.05 | 4 | <0.5 |
| 036048 | Drill Core | 1.26 | 0.023 | 18 | 7 | 0.15 | 28 | 0.003 | <20 | 0.24 | 0.060 | 0.07 | <0.1 | 0.03 | 0.7 | <0.1 | 0.33 | 2 | 3.3 |
| 036049 | Drill Core | 0.87 | 0.016 | 15 | 3 | 0.21 | 19 | 0.001 | <20 | 0.18 | 0.037 | 0.06 | <0.1 | 0.04 | 0.4 | <0.1 | 0.66 | 1 | 3.5 |
| 036050 | Drill Core | 0.21 | 0.016 | 17 | 9 | 0.08 | 18 | <0.001 | <20 | 0.23 | 0.031 | 0.07 | <0.1 | 0.03 | 0.3 | <0.1 | 0.79 | 1 | 3.4 |
| 036051 | Drill Core | 0.73 | 0.024 | 23 | 4 | 0.17 | 28 | 0.001 | <20 | 0.22 | 0.057 | 0.07 | <0.1 | 0.06 | 0.6 | <0.1 | 0.45 | 2 | 3.5 |
| 036052 | Drill Core | 0.75 | 0.028 | 22 | 6 | 0.15 | 32 | 0.001 | <20 | 0.20 | 0.051 | 0.07 | <0.1 | 0.03 | 0.7 | <0.1 | 0.41 | 2 | 3.4 |
| 036053 | Drill Core | 1.20 | 0.026 | 21 | 4 | 0.17 | 24 | 0.001 | <20 | 0.18 | 0.048 | 0.07 | <0.1 | 0.03 | 0.7 | <0.1 | 0.38 | 1 | 4.0 |
| 036054 | Drill Core | 1.03 | 0.026 | 20 | 5 | 0.14 | 27 | 0.001 | <20 | 0.19 | 0.050 | 0.07 | <0.1 | 0.04 | 0.6 | <0.1 | 0.48 | 1 | 3.0 |
| 036055 | Drill Core | 0.32 | 0.022 | 20 | 4 | 0.12 | 26 | 0.001 | <20 | 0.20 | 0.056 | 0.08 | <0.1 | 0.04 | 0.5 | <0.1 | 0.63 | 1 | 5.6 |
| 036056 | Drill Core | 0.35 | 0.022 | 19 | 6 | 0.11 | 43 | 0.001 | <20 | 0.23 | 0.061 | 0.08 | <0.1 | 0.02 | 0.5 | <0.1 | 0.47 | 1 | 5.5 |
| 036057 | Rock Pulp | <0.01 | 0.005 | <1 | 26 | <0.01 | 300 | 0.005 | <20 | 0.13 | <0.001 | 0.02 | 0.3 | 0.19 | 0.5 | 0.4 | 0.10 | 2 | 18.3 |
| 036058 | Drill Core | 0.26 | 0.019 | 16 | 6 | 0.08 | 26 | 0.001 | <20 | 0.20 | 0.046 | 0.07 | <0.1 | 0.03 | 0.5 | <0.1 | 0.35 | 1 | 2.0 |
| 036059 | Drill Core | 0.53 | 0.028 | 21 | 6 | 0.16 | 21 | 0.001 | <20 | 0.19 | 0.042 | 0.05 | <0.1 | 0.06 | 0.7 | <0.1 | 0.41 | 2 | 1.7 |
| 036060 | Drill Core | 0.09 | 0.019 | 17 | 3 | 0.04 | 11 | <0.001 | <20 | 0.33 | <0.001 | 0.04 | <0.1 | 0.08 | 0.4 | <0.1 | 0.60 | 2 | 3.6 |
| 036061 | Drill Core | 0.05 | 0.013 | 13 | 6 | 0.02 | 12 | <0.001 | <20 | 0.35 | <0.001 | 0.05 | <0.1 | 0.09 | 0.3 | <0.1 | 0.57 | 1 | 5.4 |
| 036062 | Drill Core | 0.10 | 0.025 | 22 | 3 | 0.06 | 15 | <0.001 | <20 | 0.46 | <0.001 | 0.05 | <0.1 | 0.11 | 0.5 | <0.1 | 0.80 | 2 | 5.7 |
| 036063 DUP PULP 036062 | Drill Core | 0.11 | 0.028 | 23 | 2 | 0.06 | 15 | <0.001 | <20 | 0.47 | <0.001 | 0.05 | <0.1 | 0.11 | 0.5 | 0.2 | 0.77 | 2 | 5.7 |
| 036064 | Drill Core | 0.12 | 0.026 | 21 | 4 | 0.06 | 15 | <0.001 | <20 | 0.44 | <0.001 | 0.05 | <0.1 | 0.12 | 0.5 | <0.1 | 0.66 | 2 | 6.0 |
| 036065 | Drill Core | 1.03 | 0.028 | 24 | 2 | 0.29 | 25 | <0.001 | <20 | 0.43 | 0.002 | 0.05 | <0.1 | 0.15 | 0.6 | <0.1 | 0.79 | 2 | 6.4 |
| 036066 | Drill Core | 0.94 | 0.029 | 24 | 3 | 0.28 | 17 | <0.001 | <20 | 0.40 | <0.001 | 0.06 | <0.1 | 0.21 | 0.7 | <0.1 | 0.59 | 2 | 5.0 |
| 036067 | Drill Core | 0.56 | 0.027 | 23 | 2 | 0.17 | 16 | <0.001 | <20 | 0.41 | 0.009 | 0.07 | <0.1 | 0.29 | 0.6 | <0.1 | 0.80 | 2 | 7.1 |
| 036068 | Drill Core | 1.37 | 0.027 | 23 | 4 | 0.18 | 25 | 0.001 | <20 | 0.27 | 0.034 | 0.08 | <0.1 | 0.17 | 0.8 | <0.1 | 0.48 | 2 | 4.0 |
| 036069 | Rock | 0.94 | 0.248 | 33 | 30 | 0.90 | 190 | 0.213 | <20 | 0.92 | 0.070 | 0.70 | 0.1 | <0.01 | 1.8 | 0.2 | 0.05 | 4 | <0.5 |
| 036070 | Drill Core | 0.90 | 0.028 | 24 | 5 | 0.13 | 32 | 0.002 | <20 | 0.26 | 0.053 | 0.09 | <0.1 | 0.13 | 0.7 | <0.1 | 0.55 | 2 | 3.1 |
| 036071 | Drill Core | 0.95 | 0.026 | 22 | 4 | 0.10 | 25 | 0.002 | <20 | 0.20 | 0.045 | 0.08 | <0.1 | 0.10 | 0.6 | <0.1 | 0.53 | 1 | 2.5 |

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.



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Project: Rosetta Stone
 Report Date: December 16, 2009

Page: 6 of 7 Part 1

CERTIFICATE OF ANALYSIS

VAN09005748.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|------|------|------|-----|------|------|-----|------|------|-------|-----|-------|-----|-----|------|------|-------|-----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | 0.1 | |
| 036072 | Drill Core | 2.45 | 0.02 | <0.1 | 0.7 | 7.2 | 60 | 0.2 | 0.8 | 1.4 | 230 | 1.15 | 3.7 | 1.1 | 18.0 | 4.7 | 165 | <0.1 | 1.6 | <0.1 | 10 |
| 036073 | Drill Core | 3.83 | 0.02 | <0.1 | 1.2 | 8.1 | 63 | 0.3 | 0.7 | 1.7 | 261 | 1.21 | 8.4 | 1.2 | 25.5 | 5.1 | 139 | <0.1 | 1.8 | <0.1 | 8 |
| 036074 | Drill Core | 2.61 | <0.01 | <0.1 | 0.6 | 9.5 | 64 | 0.3 | 0.9 | 1.7 | 292 | 1.30 | 4.9 | 0.7 | 8.8 | 5.1 | 173 | <0.1 | 2.0 | <0.1 | 9 |
| 036075 | Rock Pulp | 0.10 | 1.26 | 13.1 | 70.7 | 99.9 | 3 | 2.0 | 9.0 | 3.3 | 80 | 4.72 | 133.5 | 0.2 | 1073 | 0.5 | 8 | <0.1 | 17.8 | 109.1 | 25 |
| 036076 | Drill Core | 1.72 | 0.01 | <0.1 | 0.7 | 8.2 | 66 | 0.1 | 0.8 | 1.7 | 266 | 1.21 | 1.7 | 0.9 | 5.5 | 5.2 | 201 | <0.1 | 1.1 | <0.1 | 13 |
| 036077 | Drill Core | 3.50 | <0.01 | <0.1 | 0.7 | 9.5 | 69 | 0.4 | 0.8 | 1.7 | 244 | 1.41 | 2.7 | 1.1 | 6.6 | 5.8 | 123 | <0.1 | 3.3 | 0.1 | 11 |
| 036078 | Drill Core | 4.57 | 0.09 | <0.1 | 0.7 | 6.4 | 67 | 0.4 | 0.6 | 1.5 | 256 | 1.26 | 4.7 | 0.9 | 163.9 | 5.7 | 127 | <0.1 | 1.8 | <0.1 | 11 |
| 036079 | Drill Core | 3.58 | 0.35 | 0.1 | 3.0 | 6.6 | 72 | 1.1 | 1.2 | 1.7 | 195 | 1.36 | 21.1 | 0.7 | 510.1 | 5.8 | 126 | <0.1 | 2.5 | <0.1 | 10 |
| 036080 | Drill Core | 3.87 | 0.11 | 0.1 | 1.0 | 7.4 | 62 | 1.0 | 0.8 | 1.5 | 175 | 1.32 | 16.7 | 0.6 | 370.2 | 5.2 | 136 | <0.1 | 3.7 | <0.1 | 9 |
| 036081 DUP PULP 036080 | Drill Core | | 0.12 | 0.1 | 0.9 | 7.1 | 65 | 0.8 | 0.7 | 1.6 | 173 | 1.35 | 17.2 | 0.6 | 155.6 | 5.2 | 138 | 0.1 | 3.7 | <0.1 | 9 |
| 036082 | Drill Core | 4.29 | <0.01 | <0.1 | 0.9 | 9.4 | 60 | 0.5 | 0.7 | 1.8 | 171 | 1.27 | 2.7 | 1.6 | 21.6 | 5.3 | 118 | <0.1 | 4.4 | <0.1 | 15 |
| 036083 | Drill Core | 4.28 | <0.01 | <0.1 | 0.6 | 10.1 | 56 | 0.5 | 0.8 | 1.9 | 310 | 1.65 | 1.7 | 6.3 | 14.3 | 6.0 | 224 | <0.1 | 4.4 | <0.1 | 14 |
| 036084 | Drill Core | 4.07 | <0.01 | <0.1 | 0.8 | 10.1 | 61 | 0.3 | 0.8 | 1.7 | 313 | 1.32 | 3.7 | 9.0 | 11.9 | 6.3 | 228 | <0.1 | 3.4 | <0.1 | 13 |
| 036085 | Drill Core | 4.51 | <0.01 | <0.1 | 0.7 | 12.1 | 74 | 0.3 | 0.9 | 1.6 | 298 | 1.29 | 3.1 | 1.7 | 6.3 | 6.7 | 176 | 0.4 | 2.4 | 0.1 | 12 |
| 036086 | Drill Core | 4.37 | 0.01 | <0.1 | 1.1 | 14.2 | 72 | 0.7 | 1.0 | 1.7 | 209 | 1.25 | 14.3 | 1.5 | 18.5 | 6.3 | 102 | 0.1 | 5.3 | 0.1 | 9 |
| 036087 | Rock | 1.14 | <0.01 | 0.3 | 36.6 | 3.8 | 46 | <0.1 | 32.1 | 9.8 | 199 | 2.17 | <0.5 | 0.7 | <0.5 | 2.6 | 57 | <0.1 | <0.1 | <0.1 | 101 |
| 036088 | Drill Core | 4.16 | <0.01 | <0.1 | 0.6 | 16.1 | 78 | 0.3 | 0.9 | 1.5 | 255 | 1.21 | 3.6 | 6.0 | 7.2 | 6.8 | 123 | 0.2 | 3.6 | 0.2 | 9 |
| 036089 | Drill Core | 3.34 | <0.01 | <0.1 | 0.9 | 13.2 | 65 | 0.3 | 0.8 | 1.5 | 254 | 1.05 | 3.6 | 3.2 | 91.8 | 5.7 | 209 | 0.1 | 2.4 | 0.1 | 8 |
| 036090 | Drill Core | 5.10 | <0.01 | <0.1 | 1.2 | 15.7 | 77 | 0.2 | 0.9 | 1.7 | 275 | 1.23 | 3.3 | 2.3 | 11.8 | 6.1 | 150 | 0.1 | 1.2 | 0.1 | 12 |
| 036091 | Drill Core | 5.39 | <0.01 | <0.1 | 0.8 | 10.5 | 69 | 0.2 | 1.1 | 1.5 | 339 | 1.26 | 1.8 | 1.3 | 1.9 | 6.3 | 203 | 0.1 | 1.2 | <0.1 | 12 |
| 036092 | Drill Core | 3.97 | <0.01 | <0.1 | 1.2 | 12.8 | 66 | 0.1 | 1.1 | 1.6 | 303 | 1.27 | 1.6 | 2.5 | 2.4 | 6.0 | 197 | 0.1 | 0.9 | <0.1 | 12 |
| 036093 | Drill Core | 3.15 | <0.01 | <0.1 | 0.6 | 10.8 | 68 | <0.1 | 1.0 | 1.6 | 249 | 1.03 | <0.5 | 4.5 | 0.8 | 4.8 | 232 | <0.1 | 0.4 | 0.1 | 13 |
| 036094 | Drill Core | 2.74 | <0.01 | <0.1 | 0.8 | 11.2 | 65 | 0.1 | 1.0 | 1.8 | 259 | 1.23 | <0.5 | 4.4 | 1.7 | 6.1 | 227 | 0.1 | 0.6 | <0.1 | 13 |
| 036095 | Drill Core | 4.54 | <0.01 | <0.1 | 0.9 | 9.9 | 75 | <0.1 | 0.9 | 1.6 | 309 | 1.29 | <0.5 | 2.0 | 1.9 | 6.0 | 260 | <0.1 | 0.9 | <0.1 | 13 |
| 036096 | Drill Core | 4.35 | <0.01 | <0.1 | 0.5 | 8.5 | 74 | 0.1 | 0.8 | 1.6 | 265 | 1.22 | 2.9 | 1.7 | 2.6 | 5.4 | 164 | <0.1 | 1.3 | <0.1 | 11 |
| 036097 | Rock Pulp | 0.10 | 1.18 | 12.6 | 63.7 | 93.5 | 2 | 1.9 | 8.7 | 2.8 | 71 | 4.28 | 123.9 | 0.2 | 1051 | 0.4 | 7 | <0.1 | 18.4 | 97.7 | 24 |
| 036098 | Drill Core | 3.49 | 0.02 | 0.1 | 1.0 | 6.7 | 57 | 0.5 | 0.8 | 1.4 | 266 | 1.34 | 8.0 | 1.3 | 15.1 | 4.6 | 226 | <0.1 | 2.6 | <0.1 | 7 |
| 036099 | Drill Core | 3.69 | <0.01 | <0.1 | 1.5 | 8.8 | 68 | 0.2 | 0.8 | 1.6 | 266 | 1.23 | 4.3 | 1.5 | 5.9 | 5.5 | 205 | 0.2 | 1.2 | <0.1 | 11 |
| 036100 | Drill Core | 4.36 | <0.01 | <0.1 | 0.7 | 8.5 | 73 | 0.2 | 1.6 | 2.0 | 296 | 1.40 | 4.0 | 2.6 | 3.6 | 6.6 | 257 | 0.1 | 1.1 | <0.1 | 15 |
| 036101 | Drill Core | 2.97 | <0.01 | <0.1 | 0.9 | 9.7 | 72 | 0.2 | 0.8 | 1.6 | 257 | 1.32 | 3.8 | 3.7 | 4.4 | 5.9 | 226 | <0.1 | 1.3 | <0.1 | 11 |

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Project: Rosetta Stone
 Report Date: December 16, 2009

Page: 6 of 7 Part 2

CERTIFICATE OF ANALYSIS

VAN09005748.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|-----|------|-------|-------|--------|------|-------|--------|------|------|-------|------|------|-------|-----|------|
| Analyte | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
| Unit | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| MDL | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 1 | 0.5 | |
| 036072 | Drill Core | 0.96 | 0.026 | 21 | 6 | 0.14 | 37 | 0.005 | <20 | 0.27 | 0.048 | 0.08 | <0.1 | 0.06 | 0.8 | <0.1 | 0.27 | 3 | 1.6 |
| 036073 | Drill Core | 1.30 | 0.026 | 23 | 3 | 0.17 | 22 | 0.001 | <20 | 0.22 | 0.035 | 0.05 | <0.1 | 0.15 | 0.8 | <0.1 | 0.45 | 1 | 2.0 |
| 036074 | Drill Core | 1.40 | 0.027 | 25 | 4 | 0.15 | 26 | 0.001 | <20 | 0.21 | 0.043 | 0.06 | <0.1 | 0.12 | 0.8 | <0.1 | 0.40 | 2 | 2.1 |
| 036075 | Rock Pulp | <0.01 | 0.005 | <1 | 25 | <0.01 | 309 | 0.005 | <20 | 0.13 | <0.001 | 0.01 | 0.3 | 0.19 | 0.4 | 0.3 | 0.10 | 2 | 18.4 |
| 036076 | Drill Core | 1.22 | 0.032 | 24 | 3 | 0.16 | 54 | 0.010 | <20 | 0.36 | 0.048 | 0.09 | <0.1 | 0.04 | 1.0 | <0.1 | 0.25 | 4 | 1.0 |
| 036077 | Drill Core | 1.10 | 0.028 | 26 | 4 | 0.16 | 32 | 0.002 | <20 | 0.44 | 0.044 | 0.07 | <0.1 | 0.06 | 0.8 | <0.1 | 0.49 | 3 | 2.1 |
| 036078 | Drill Core | 1.00 | 0.030 | 26 | 3 | 0.13 | 33 | 0.003 | <20 | 0.22 | 0.047 | 0.07 | <0.1 | 0.05 | 0.9 | <0.1 | 0.41 | 2 | 1.4 |
| 036079 | Drill Core | 0.82 | 0.033 | 27 | 6 | 0.13 | 42 | 0.002 | <20 | 0.25 | 0.060 | 0.08 | <0.1 | 0.08 | 0.8 | <0.1 | 0.56 | 2 | 6.5 |
| 036080 | Drill Core | 0.87 | 0.027 | 24 | 3 | 0.14 | 24 | 0.002 | <20 | 0.32 | 0.039 | 0.07 | <0.1 | 0.07 | 0.7 | <0.1 | 0.72 | 2 | 5.7 |
| 036081 DUP PULP 036080 | Drill Core | 0.86 | 0.028 | 25 | 4 | 0.14 | 25 | 0.002 | <20 | 0.31 | 0.039 | 0.07 | <0.1 | 0.07 | 0.8 | <0.1 | 0.72 | 2 | 5.7 |
| 036082 | Drill Core | 1.08 | 0.029 | 23 | 4 | 0.15 | 41 | 0.002 | <20 | 0.76 | 0.068 | 0.12 | <0.1 | 0.07 | 0.8 | <0.1 | 0.63 | 5 | 3.9 |
| 036083 | Drill Core | 2.20 | 0.028 | 24 | 2 | 0.40 | 18 | 0.001 | <20 | 0.65 | 0.019 | 0.05 | <0.1 | 0.07 | 1.2 | <0.1 | 0.62 | 4 | 4.0 |
| 036084 | Drill Core | 2.12 | 0.031 | 26 | 4 | 0.26 | 30 | 0.002 | <20 | 0.46 | 0.036 | 0.07 | <0.1 | 0.07 | 1.0 | <0.1 | 0.56 | 3 | 3.7 |
| 036085 | Drill Core | 1.33 | 0.038 | 29 | 3 | 0.18 | 26 | 0.003 | <20 | 0.33 | 0.041 | 0.06 | <0.1 | 0.05 | 1.1 | <0.1 | 0.54 | 3 | 2.7 |
| 036086 | Drill Core | 0.88 | 0.033 | 27 | 3 | 0.10 | 28 | 0.001 | <20 | 0.23 | 0.054 | 0.05 | <0.1 | 0.04 | 0.8 | <0.1 | 0.69 | 2 | 4.2 |
| 036087 | Rock | 0.95 | 0.242 | 34 | 32 | 0.88 | 182 | 0.204 | <20 | 0.90 | 0.069 | 0.70 | <0.1 | <0.01 | 2.1 | 0.2 | <0.05 | 5 | 0.6 |
| 036088 | Drill Core | 1.21 | 0.030 | 27 | 2 | 0.18 | 24 | 0.001 | <20 | 0.28 | 0.035 | 0.05 | <0.1 | 0.05 | 0.9 | <0.1 | 0.38 | 2 | 1.9 |
| 036089 | Drill Core | 2.14 | 0.027 | 24 | <1 | 0.30 | 23 | 0.002 | <20 | 0.39 | 0.022 | 0.04 | 0.1 | 0.06 | 0.9 | 0.1 | 0.30 | 2 | 1.9 |
| 036090 | Drill Core | 1.10 | 0.035 | 28 | 4 | 0.16 | 30 | 0.004 | <20 | 0.24 | 0.050 | 0.05 | 0.1 | 0.04 | 1.1 | <0.1 | 0.34 | 2 | 1.5 |
| 036091 | Drill Core | 1.64 | 0.033 | 29 | 2 | 0.16 | 30 | 0.002 | <20 | 0.19 | 0.059 | 0.05 | <0.1 | 0.06 | 1.0 | <0.1 | 0.47 | 2 | 1.1 |
| 036092 | Drill Core | 1.52 | 0.029 | 27 | 6 | 0.25 | 35 | 0.003 | <20 | 0.23 | 0.058 | 0.06 | <0.1 | 0.07 | 1.1 | <0.1 | 0.30 | 2 | <0.5 |
| 036093 | Drill Core | 1.03 | 0.034 | 20 | 4 | 0.20 | 300 | 0.030 | <20 | 0.39 | 0.083 | 0.10 | 0.2 | 0.04 | 0.9 | <0.1 | 0.06 | 4 | <0.5 |
| 036094 | Drill Core | 1.39 | 0.032 | 27 | 5 | 0.21 | 35 | 0.002 | <20 | 0.25 | 0.063 | 0.07 | <0.1 | 0.09 | 1.1 | <0.1 | 0.30 | 3 | <0.5 |
| 036095 | Drill Core | 1.65 | 0.034 | 27 | 3 | 0.21 | 46 | 0.006 | <20 | 0.29 | 0.074 | 0.08 | <0.1 | 0.08 | 1.1 | <0.1 | 0.26 | 3 | <0.5 |
| 036096 | Drill Core | 1.13 | 0.033 | 25 | 4 | 0.18 | 57 | 0.008 | <20 | 0.28 | 0.064 | 0.08 | <0.1 | 0.06 | 1.0 | <0.1 | 0.25 | 3 | 1.1 |
| 036097 | Rock Pulp | <0.01 | 0.005 | <1 | 22 | <0.01 | 288 | 0.005 | <20 | 0.12 | 0.003 | 0.01 | 0.5 | 0.18 | 0.4 | 0.3 | 0.10 | 2 | 16.4 |
| 036098 | Drill Core | 1.87 | 0.021 | 20 | 2 | 0.29 | 22 | <0.001 | <20 | 0.35 | 0.021 | 0.05 | <0.1 | 0.03 | 0.5 | <0.1 | 0.59 | 2 | 2.8 |
| 036099 | Drill Core | 1.36 | 0.030 | 25 | 4 | 0.18 | 45 | 0.005 | <20 | 0.27 | 0.075 | 0.10 | <0.1 | 0.04 | 0.8 | <0.1 | 0.48 | 3 | 1.1 |
| 036100 | Drill Core | 1.46 | 0.039 | 30 | 5 | 0.21 | 37 | 0.003 | <20 | 0.30 | 0.063 | 0.09 | <0.1 | 0.06 | 1.1 | <0.1 | 0.40 | 4 | 1.0 |
| 036101 | Drill Core | 1.42 | 0.029 | 25 | 4 | 0.20 | 38 | 0.002 | <20 | 0.23 | 0.067 | 0.07 | <0.1 | 0.06 | 0.9 | <0.1 | 0.36 | 2 | 1.5 |

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Project: Rosetta Stone
 Report Date: December 16, 2009

Page: 7 of 7 Part 1

CERTIFICATE OF ANALYSIS

VAN09005748.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|------|-----|-----|-----|------|-----|-----|------|------|------|-----|------|-----|-----|------|-----|------|----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | |
| 036102 | Drill Core | 3.57 | <0.01 | <0.1 | 0.3 | 7.5 | 69 | <0.1 | 1.0 | 1.5 | 227 | 1.01 | <0.5 | 2.2 | 1.2 | 4.2 | 323 | <0.1 | 0.4 | <0.1 | 13 |
| 036103 DUP PULP 036102 | Drill Core | | <0.01 | <0.1 | 0.4 | 7.2 | 68 | <0.1 | 0.7 | 1.5 | 229 | 0.99 | <0.5 | 2.1 | <0.5 | 4.2 | 313 | <0.1 | 0.4 | <0.1 | 12 |
| 036104 | Drill Core | 1.73 | <0.01 | <0.1 | 0.3 | 8.0 | 60 | 0.2 | 0.8 | 1.4 | 225 | 1.09 | 3.6 | 0.9 | 3.6 | 5.1 | 219 | <0.1 | 1.4 | <0.1 | 12 |



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

www.acmelab.com

Client: **Kootenay Gold Inc.**
 Suite 960 - 1055 W. Hastings St.
 Vancouver BC V6E 2E9 Canada

Project: Rosetta Stone
 Report Date: December 16, 2009

Page: 7 of 7 Part 2

CERTIFICATE OF ANALYSIS

VAN09005748.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|-----------------------------------|------|-------|-----|-----|------|-----|-------|-----|------|-------|------|------|------|-----|------|------|-----|------|
| Analyte | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se |
| Unit | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm |
| MDL | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 |
| 036102 Drill Core | 1.07 | 0.030 | 18 | 3 | 0.20 | 51 | 0.020 | <20 | 0.42 | 0.067 | 0.10 | <0.1 | 0.02 | 0.7 | <0.1 | 0.10 | 4 | <0.5 |
| 036103 DUP PULP 036102 Drill Core | 1.04 | 0.030 | 18 | 3 | 0.20 | 50 | 0.020 | <20 | 0.40 | 0.062 | 0.09 | <0.1 | 0.02 | 0.7 | <0.1 | 0.09 | 4 | <0.5 |
| 036104 Drill Core | 1.17 | 0.027 | 23 | 4 | 0.18 | 36 | 0.003 | <20 | 0.24 | 0.059 | 0.07 | <0.1 | 0.03 | 0.8 | <0.1 | 0.28 | 3 | 1.0 |



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 Vancouver BC V6E 2E9 Canada

Project: Rosetta Stone
 Report Date: December 16, 2009

Page: 1 of 3 Part 1

QUALITY CONTROL REPORT

VAN09005748.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|------|-----|------|-----|------|-----|-----|------|------|------|-----|------|-----|-----|------|-----|------|----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 981658 | Drill Core | 2.21 | 0.05 | 0.2 | 2.4 | 8.1 | 51 | 0.2 | 1.4 | 0.8 | 188 | 0.83 | 3.0 | 0.6 | 67.3 | 1.4 | 101 | 0.2 | 0.8 | <0.1 | 7 |
| REP 981658 | QC | | | 0.2 | 2.6 | 8.3 | 52 | 0.1 | 1.4 | 0.8 | 194 | 0.84 | 3.0 | 0.6 | 16.6 | 1.4 | 100 | 0.1 | 0.8 | <0.1 | 7 |
| 981659 | Drill Core | 2.14 | 0.03 | <0.1 | 1.4 | 10.1 | 41 | 0.3 | 0.9 | 0.8 | 151 | 0.74 | 3.7 | 0.5 | 39.1 | 1.5 | 64 | 0.2 | 1.3 | <0.1 | 5 |
| REP 981659 | QC | | 0.03 | | | | | | | | | | | | | | | | | | |
| 981682 | Drill Core | 4.20 | <0.01 | 0.1 | 1.0 | 15.5 | 77 | 0.1 | 0.8 | 1.1 | 255 | 1.07 | <0.5 | 0.3 | <0.5 | 2.7 | 180 | 0.4 | 0.3 | 0.2 | 11 |
| REP 981682 | QC | | <0.01 | | | | | | | | | | | | | | | | | | |
| 981686 | Drill Core | 2.08 | <0.01 | <0.1 | 1.3 | 27.4 | 67 | 0.3 | 1.0 | 0.9 | 222 | 0.84 | <0.5 | 0.9 | <0.5 | 2.3 | 125 | 0.3 | 0.3 | 0.4 | 9 |
| REP 981686 | QC | | | <0.1 | 0.9 | 28.1 | 73 | 0.3 | 0.8 | 1.0 | 221 | 0.85 | <0.5 | 0.9 | <0.5 | 2.4 | 122 | 0.3 | 0.3 | 0.4 | 9 |
| 036006 | Drill Core | 3.96 | 0.03 | 0.2 | 1.7 | 7.3 | 50 | 0.3 | 0.8 | 0.7 | 88 | 0.72 | 7.2 | 0.5 | 23.1 | 1.6 | 41 | 0.4 | 0.7 | 0.1 | 3 |
| REP 036006 | QC | | 0.03 | | | | | | | | | | | | | | | | | | |
| 036044 | Drill Core | 4.30 | <0.01 | <0.1 | 0.3 | 7.2 | 62 | 0.1 | 0.6 | 1.3 | 218 | 0.90 | <0.5 | 1.1 | <0.5 | 3.4 | 207 | <0.1 | 0.4 | <0.1 | 10 |
| REP 036044 | QC | | <0.01 | | | | | | | | | | | | | | | | | | |
| 036048 | Drill Core | 2.19 | 0.03 | <0.1 | 2.5 | 7.1 | 56 | 0.3 | 1.1 | 1.2 | 219 | 0.97 | 8.8 | 1.1 | 23.9 | 4.2 | 202 | <0.1 | 1.1 | <0.1 | 11 |
| REP 036048 | QC | | | <0.1 | 1.6 | 7.2 | 57 | 0.4 | 0.8 | 1.3 | 228 | 0.97 | 9.0 | 1.1 | 21.1 | 4.1 | 206 | <0.1 | 1.1 | <0.1 | 11 |
| 036071 | Drill Core | 3.97 | 0.10 | 0.1 | 1.6 | 8.3 | 63 | 0.4 | 0.9 | 1.3 | 209 | 1.08 | 11.7 | 0.9 | 59.6 | 4.8 | 125 | 0.2 | 1.3 | <0.1 | 7 |
| REP 036071 | QC | | | <0.1 | 1.6 | 8.2 | 62 | 0.4 | 0.9 | 1.3 | 209 | 1.10 | 11.4 | 1.0 | 58.4 | 5.0 | 122 | 0.2 | 1.4 | <0.1 | 7 |
| 036076 | Drill Core | 1.72 | 0.01 | <0.1 | 0.7 | 8.2 | 66 | 0.1 | 0.8 | 1.7 | 266 | 1.21 | 1.7 | 0.9 | 5.5 | 5.2 | 201 | <0.1 | 1.1 | <0.1 | 13 |
| REP 036076 | QC | | <0.01 | | | | | | | | | | | | | | | | | | |
| 036093 | Drill Core | 3.15 | <0.01 | <0.1 | 0.6 | 10.8 | 68 | <0.1 | 1.0 | 1.6 | 249 | 1.03 | <0.5 | 4.5 | 0.8 | 4.8 | 232 | <0.1 | 0.4 | 0.1 | 13 |
| REP 036093 | QC | | <0.01 | | | | | | | | | | | | | | | | | | |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 981691 | Drill Core | 3.44 | <0.01 | <0.1 | 1.1 | 17.9 | 77 | 0.3 | 0.7 | 0.9 | 260 | 0.97 | 2.2 | 0.8 | <0.5 | 2.2 | 157 | 0.4 | 0.3 | 0.5 | 10 |
| DUP 981691 | QC | | <0.01 | <0.1 | 1.0 | 18.0 | 80 | 0.3 | 0.6 | 0.9 | 257 | 0.93 | 2.1 | 0.7 | 0.9 | 2.4 | 160 | 0.4 | 0.3 | 0.5 | 10 |
| 036026 | Drill Core | 4.34 | <0.01 | 0.2 | 2.1 | 19.6 | 89 | 0.2 | 0.6 | 0.9 | 196 | 0.79 | 5.7 | 0.6 | 5.5 | 2.2 | 113 | 0.5 | 0.4 | 0.1 | 7 |
| DUP 036026 | QC | | <0.01 | 0.2 | 2.1 | 22.4 | 86 | 0.3 | 0.7 | 0.9 | 202 | 0.81 | 5.4 | 0.6 | 8.3 | 2.2 | 118 | 0.5 | 0.4 | 0.1 | 8 |
| 036061 | Drill Core | 1.96 | 0.05 | 0.4 | 0.9 | 6.5 | 36 | 0.8 | 0.7 | 1.1 | 36 | 0.74 | 32.0 | 0.7 | 54.9 | 3.1 | 30 | <0.1 | 2.2 | <0.1 | 3 |
| DUP 036061 | QC | | 0.05 | 0.5 | 1.1 | 6.5 | 37 | 0.8 | 1.0 | 1.1 | 37 | 0.77 | 29.4 | 0.7 | 60.9 | 3.1 | 29 | <0.1 | 2.0 | <0.1 | 3 |
| 036096 | Drill Core | 4.35 | <0.01 | <0.1 | 0.5 | 8.5 | 74 | 0.1 | 0.8 | 1.6 | 265 | 1.22 | 2.9 | 1.7 | 2.6 | 5.4 | 164 | <0.1 | 1.3 | <0.1 | 11 |

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Project: Rosetta Stone
 Report Date: December 16, 2009

Page: 1 of 3 Part 2

QUALITY CONTROL REPORT

VAN09005748.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|-----|------|------|-------|--------|------|-------|--------|------|------|-------|------|------|------|-----|------|
| Analyte | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
| Unit | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| MDL | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | |
| 981658 | Drill Core | 0.65 | 0.020 | 7 | 7 | 0.13 | 42 | 0.002 | <20 | 0.18 | 0.072 | 0.07 | 0.2 | 0.05 | 0.4 | <0.1 | 0.22 | 1 | 0.6 |
| REP 981658 | QC | 0.66 | 0.020 | 7 | 8 | 0.13 | 43 | 0.002 | <20 | 0.18 | 0.073 | 0.07 | 0.2 | 0.05 | 0.5 | <0.1 | 0.22 | 1 | 0.7 |
| 981659 | Drill Core | 0.33 | 0.020 | 7 | 3 | 0.11 | 29 | 0.001 | <20 | 0.25 | 0.040 | 0.07 | 0.2 | 0.10 | 0.4 | <0.1 | 0.26 | 1 | 1.4 |
| REP 981659 | QC | | | | | | | | | | | | | | | | | | |
| 981682 | Drill Core | 0.94 | 0.023 | 12 | 4 | 0.11 | 45 | 0.009 | <20 | 0.32 | 0.085 | 0.08 | 0.1 | 0.03 | 0.6 | <0.1 | 0.25 | 3 | <0.5 |
| REP 981682 | QC | | | | | | | | | | | | | | | | | | |
| 981686 | Drill Core | 0.84 | 0.019 | 12 | 5 | 0.09 | 27 | 0.003 | <20 | 0.19 | 0.055 | 0.05 | <0.1 | 0.06 | 0.5 | <0.1 | 0.25 | 1 | 1.1 |
| REP 981686 | QC | 0.84 | 0.021 | 12 | 5 | 0.10 | 27 | 0.003 | <20 | 0.19 | 0.055 | 0.05 | <0.1 | 0.05 | 0.5 | <0.1 | 0.25 | 1 | 0.8 |
| 036006 | Drill Core | 0.28 | 0.016 | 7 | 3 | 0.08 | 17 | <0.001 | <20 | 0.34 | 0.008 | 0.05 | <0.1 | 0.15 | 0.3 | <0.1 | 0.49 | 1 | 1.8 |
| REP 036006 | QC | | | | | | | | | | | | | | | | | | |
| 036044 | Drill Core | 0.99 | 0.025 | 15 | 6 | 0.17 | 50 | 0.018 | <20 | 0.33 | 0.055 | 0.08 | <0.1 | <0.01 | 0.6 | <0.1 | 0.21 | 3 | 0.9 |
| REP 036044 | QC | | | | | | | | | | | | | | | | | | |
| 036048 | Drill Core | 1.26 | 0.023 | 18 | 7 | 0.15 | 28 | 0.003 | <20 | 0.24 | 0.060 | 0.07 | <0.1 | 0.03 | 0.7 | <0.1 | 0.33 | 2 | 3.3 |
| REP 036048 | QC | 1.25 | 0.024 | 19 | 5 | 0.15 | 28 | 0.003 | <20 | 0.26 | 0.059 | 0.07 | <0.1 | 0.02 | 0.7 | <0.1 | 0.33 | 2 | 3.1 |
| 036071 | Drill Core | 0.95 | 0.026 | 22 | 4 | 0.10 | 25 | 0.002 | <20 | 0.20 | 0.045 | 0.08 | <0.1 | 0.10 | 0.6 | <0.1 | 0.53 | 1 | 2.5 |
| REP 036071 | QC | 0.95 | 0.027 | 22 | 4 | 0.11 | 25 | 0.002 | <20 | 0.20 | 0.045 | 0.08 | <0.1 | 0.10 | 0.6 | <0.1 | 0.54 | 1 | 2.9 |
| 036076 | Drill Core | 1.22 | 0.032 | 24 | 3 | 0.16 | 54 | 0.010 | <20 | 0.36 | 0.048 | 0.09 | <0.1 | 0.04 | 1.0 | <0.1 | 0.25 | 4 | 1.0 |
| REP 036076 | QC | | | | | | | | | | | | | | | | | | |
| 036093 | Drill Core | 1.03 | 0.034 | 20 | 4 | 0.20 | 300 | 0.030 | <20 | 0.39 | 0.083 | 0.10 | 0.2 | 0.04 | 0.9 | <0.1 | 0.06 | 4 | <0.5 |
| REP 036093 | QC | | | | | | | | | | | | | | | | | | |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | |
| 981691 | Drill Core | 1.13 | 0.021 | 11 | 4 | 0.11 | 30 | 0.002 | <20 | 0.17 | 0.064 | 0.06 | <0.1 | 0.08 | 0.5 | <0.1 | 0.31 | 1 | 1.7 |
| DUP 981691 | QC | 1.11 | 0.022 | 12 | 4 | 0.11 | 28 | 0.001 | <20 | 0.16 | 0.058 | 0.06 | <0.1 | 0.08 | 0.5 | <0.1 | 0.32 | 1 | 1.8 |
| 036026 | Drill Core | 0.78 | 0.019 | 10 | 4 | 0.13 | 26 | 0.001 | <20 | 0.17 | 0.062 | 0.06 | <0.1 | 0.02 | 0.3 | <0.1 | 0.26 | 1 | 1.7 |
| DUP 036026 | QC | 0.80 | 0.020 | 11 | 6 | 0.14 | 31 | 0.001 | <20 | 0.19 | 0.068 | 0.06 | <0.1 | 0.01 | 0.3 | <0.1 | 0.26 | 1 | 1.4 |
| 036061 | Drill Core | 0.05 | 0.013 | 13 | 6 | 0.02 | 12 | <0.001 | <20 | 0.35 | <0.001 | 0.05 | <0.1 | 0.09 | 0.3 | <0.1 | 0.57 | 1 | 5.4 |
| DUP 036061 | QC | 0.05 | 0.013 | 13 | 7 | 0.02 | 14 | <0.001 | <20 | 0.44 | <0.001 | 0.05 | <0.1 | 0.09 | 0.3 | <0.1 | 0.61 | 2 | 5.2 |
| 036096 | Drill Core | 1.13 | 0.033 | 25 | 4 | 0.18 | 57 | 0.008 | <20 | 0.28 | 0.064 | 0.08 | <0.1 | 0.06 | 1.0 | <0.1 | 0.25 | 3 | 1.1 |

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Project: Rosetta Stone
 Report Date: December 16, 2009

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QUALITY CONTROL REPORT

VAN09005748.1

| | | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|----------|------|-------|------|-------|------|-----|-----|-------|-------|------|--------|------|-----|------|-----|-----|------|------|------|-----|
| | | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V |
| | | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm |
| | | 0.01 | 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 | 0.1 |
| DUP 036096 | QC | | <0.01 | <0.1 | 0.7 | 8.8 | 74 | 0.1 | 0.7 | 1.7 | 276 | 1.28 | 3.3 | 1.3 | 3.5 | 5.6 | 175 | <0.1 | 1.4 | <0.1 | 12 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS7 | Standard | | | 20.5 | 106.9 | 64.1 | 399 | 0.8 | 51.1 | 9.0 | 590 | 2.24 | 49.1 | 4.4 | 66.3 | 4.4 | 78 | 6.0 | 5.2 | 4.4 | 80 |
| STD DS7 | Standard | | | 20.8 | 115.1 | 72.0 | 423 | 0.8 | 55.0 | 8.7 | 576 | 2.32 | 54.0 | 4.6 | 85.5 | 4.3 | 77 | 6.1 | 5.6 | 4.8 | 79 |
| STD DS7 | Standard | | | 20.5 | 94.7 | 59.4 | 375 | 0.8 | 55.6 | 9.3 | 610 | 2.31 | 43.4 | 4.1 | 43.7 | 3.8 | 77 | 5.5 | 4.6 | 3.9 | 81 |
| STD DS7 | Standard | | | 20.1 | 115.9 | 67.0 | 389 | 0.8 | 53.9 | 9.3 | 589 | 2.32 | 52.9 | 5.2 | 61.4 | 4.9 | 71 | 6.6 | 5.5 | 4.8 | 80 |
| STD DS7 | Standard | | | 22.2 | 112.5 | 74.0 | 417 | 0.9 | 61.0 | 9.4 | 617 | 2.36 | 54.5 | 5.0 | 81.5 | 4.7 | 82 | 6.8 | 6.4 | 5.0 | 84 |
| STD DS7 | Standard | | | 21.9 | 110.2 | 67.9 | 409 | 0.9 | 60.2 | 10.3 | 643 | 2.53 | 53.3 | 5.1 | 72.8 | 4.6 | 82 | 6.5 | 4.5 | 4.9 | 87 |
| STD OREAS45PA | Standard | | | 1.3 | 611.1 | 19.0 | 122 | 0.3 | 303.7 | 108.2 | 1089 | 16.38 | 4.1 | 1.2 | 37.0 | 6.5 | 16 | <0.1 | 0.4 | 0.2 | 215 |
| STD OREAS45PA | Standard | | | 1.2 | 622.6 | 16.9 | 123 | 0.2 | 318.7 | 107.9 | 1129 | 15.61 | 3.9 | 1.0 | 32.0 | 6.0 | 15 | 0.1 | 0.3 | 0.2 | 231 |
| STD OREAS45PA | Standard | | | 1.1 | 594.5 | 15.6 | 109 | 0.2 | 299.3 | 108.0 | 1093 | 16.23 | 3.1 | 1.0 | 34.2 | 5.3 | 12 | <0.1 | 0.2 | 0.1 | 214 |
| STD OREAS45PA | Standard | | | 1.0 | 610.9 | 21.6 | 120 | 0.3 | 305.2 | 108.2 | 1083 | 15.54 | 3.5 | 1.4 | 42.9 | 7.7 | 15 | <0.1 | 0.2 | 0.1 | 223 |
| STD OREAS45PA | Standard | | | 1.4 | 655.4 | 20.5 | 122 | 0.3 | 327.0 | 113.6 | 1168 | 16.86 | 4.2 | 1.2 | 39.7 | 7.0 | 16 | <0.1 | 0.4 | 0.2 | 231 |
| STD OREAS45PA | Standard | | | 0.9 | 661.1 | 19.2 | 130 | 0.3 | 323.3 | 118.9 | 1193 | 17.29 | 3.5 | 1.2 | 51.0 | 6.7 | 15 | 0.1 | 0.2 | 0.2 | 245 |
| STD OXH55 | Standard | | 1.28 | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | 1.25 | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | 1.35 | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | 1.32 | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | 1.31 | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | 1.36 | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | 1.27 | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.54 | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.51 | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.69 | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.73 | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.60 | | | | | | | | | | | | | | | | | | |
| STD OXK69 Expected | | | 3.583 | | | | | | | | | | | | | | | | | | |
| STD DS7 Expected | | | | 20.5 | 109 | 70.6 | 411 | 0.9 | 56 | 9.7 | 627 | 2.39 | 48.2 | 4.9 | 70 | 4.4 | 69 | 6.4 | 4.6 | 4.5 | 84 |
| STD OREAS45PA Expected | | | | 0.9 | 600 | 19 | 119 | 0.3 | 281 | 104 | 1130 | 16.559 | 4.2 | 1.2 | 43 | 6 | 14 | 0.09 | 0.13 | 0.18 | 221 |

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Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

VAN09005748.1

| | | 1DX Ca % | 1DX P % | 1DX La ppm | 1DX Cr ppm | 1DX Mg % | 1DX Ba ppm | 1DX Ti % | 1DX B ppm | 1DX Al % | 1DX Na % | 1DX K % | 1DX W ppm | 1DX Hg ppm | 1DX Sc ppm | 1DX Ti ppm | 1DX S % | 1DX Ga ppm | 1DX Se ppm |
|--------------------|------------|----------------|---------------|------------------|------------------|----------------|------------------|----------------|-----------------|----------------|----------------|---------------|-----------------|------------------|------------------|------------------|---------------|------------------|------------------|
| | | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 |
| STD OXH55 Expected | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 |
| Prep Wash | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | 0.54 | 0.098 | 8 | 11 | 0.61 | 284 | 0.176 | <20 | 1.03 | 0.073 | 0.57 | <0.1 | <0.01 | 2.3 | 0.4 | <0.05 | 5 | <0.5 |
| G1 | Prep Blank | 0.57 | 0.098 | 9 | 11 | 0.61 | 276 | 0.175 | <20 | 1.03 | 0.081 | 0.56 | <0.1 | <0.01 | 2.5 | 0.4 | <0.05 | 5 | <0.5 |



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 Suite 960 - 1055 W. Hastings St.
 Vancouver BC V6E 2E9 Canada

Submitted By: Email Distribution List
 Receiving Lab: Canada-Vancouver
 Received: January 06, 2010
 Report Date: January 18, 2010
 Page: 1 of 7

CERTIFICATE OF ANALYSIS

VAN09005748R.1

CLIENT JOB INFORMATION

Project: Rosetta Stone
 Shipment ID:
 P.O. Number
 Number of Samples: 153

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 960 - 1055 W. Hastings St.
 Vancouver BC V6E 2E9
 Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|-----------------|-------------------|---|--------------|---------------|-----|
| M150 | 137 | Crush, Pulverize and Sieve 500g, save +150 and -150 mes | | Completed | VAN |
| Split +150 mesh | 145 | Analysis sample split/packet | | | VAN |
| Split -150 | 145 | Analysis sample split/packet | | | VAN |
| G602 | 145 | Metallics Fire Assay | 30 | Completed | VAN |

ADDITIONAL COMMENTS



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



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Suite 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 Canada

Project: Rosetta Stone
Report Date: January 18, 2010

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CERTIFICATE OF ANALYSIS

VAN09005748R.1

| Method | M150 | G6 | G6.ME | G6.ME | G6.ME | |
|------------------------|------------|-------|-------|-------|--------|-------|
| Analyte | TotWt | -Au | +Wt | +Au | TotAu | |
| Unit | g | gm/mt | g | mg | gm/mt | |
| MDL | 1 | 0.01 | 0.01 | 0.005 | 0.01 | |
| 981651 | Drill Core | 546 | <0.01 | 16.92 | <0.005 | <0.01 |
| 981652 | Drill Core | 442 | <0.01 | 23.07 | <0.005 | <0.01 |
| 981653 | Drill Core | 452 | 0.01 | 22.73 | <0.005 | <0.01 |
| 981654 | Drill Core | 659 | 0.05 | 18.57 | <0.005 | 0.05 |
| 981655 | Rock Pulp | N.A. | 0.29 | I.S. | I.S. | I.S. |
| 981656 | Drill Core | 533 | 0.23 | 18.76 | <0.005 | 0.22 |
| 981657 | Drill Core | 495 | 0.09 | 22.17 | <0.005 | 0.09 |
| 981658 | Drill Core | 535 | 0.03 | 25.38 | <0.005 | 0.03 |
| 981659 | Drill Core | 538 | 0.03 | 21.19 | <0.005 | 0.03 |
| 981660 | Drill Core | 447 | 0.11 | 23.21 | <0.005 | 0.11 |
| 981661 DUP PULP 981660 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. |
| 981662 | Drill Core | 643 | 0.15 | 19.27 | <0.005 | 0.15 |
| 981664 | Drill Core | 666 | 0.07 | 24.83 | <0.005 | 0.07 |
| 981665 | Drill Core | 411 | 0.34 | 25.80 | 0.182 | 0.77 |
| 981666 | Drill Core | 380 | <0.01 | 27.35 | <0.005 | <0.01 |
| 981667 | Rock | 657 | <0.01 | 18.06 | <0.005 | <0.01 |
| 981668 | Drill Core | | 0.01 | 26.33 | 0.038 | |
| 981669 | Drill Core | 697 | <0.01 | 15.39 | <0.005 | <0.01 |
| 981670 | Drill Core | 501 | <0.01 | 17.93 | <0.005 | <0.01 |
| 981671 | Drill Core | 447 | <0.01 | 16.26 | <0.005 | <0.01 |
| 981672 | Drill Core | 498 | <0.01 | 15.67 | <0.005 | <0.01 |
| 981673 | Drill Core | 569 | <0.01 | 11.18 | <0.005 | <0.01 |
| 981674 | Drill Core | 586 | <0.01 | 16.07 | <0.005 | <0.01 |
| 981675 | Drill Core | 489 | <0.01 | 17.51 | <0.005 | <0.01 |
| 981676 | Drill Core | 540 | <0.01 | 17.60 | <0.005 | <0.01 |
| 981677 | Rock Pulp | N.A. | 1.62 | I.S. | I.S. | I.S. |
| 981678 | Drill Core | 707 | <0.01 | 21.86 | <0.005 | <0.01 |
| 981679 | Drill Core | 529 | <0.01 | 15.93 | <0.005 | <0.01 |
| 981680 | Drill Core | 665 | <0.01 | 22.08 | <0.005 | <0.01 |
| 981681 | Drill Core | 514 | <0.01 | 13.95 | <0.005 | <0.01 |



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Project: Rosetta Stone
 Report Date: January 18, 2010

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CERTIFICATE OF ANALYSIS

VAN09005748R.1

| Method | M150 | G6 | G6.ME | G6.ME | G6.ME | |
|------------------------|------------|-------|-------|-------|--------|-------|
| Analyte | TotWt | -Au | +Wt | +Au | TotAu | |
| Unit | g | gm/mt | g | mg | gm/mt | |
| MDL | 1 | 0.01 | 0.01 | 0.005 | 0.01 | |
| 981682 | Drill Core | 525 | <0.01 | 15.15 | <0.005 | <0.01 |
| 981683 DUP PULP 981682 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. |
| 981684 | Drill Core | 514 | 0.98 | 14.71 | 0.016 | 0.98 |
| 981685 | Drill Core | 510 | <0.01 | 20.03 | <0.005 | <0.01 |
| 981686 | Drill Core | 504 | <0.01 | 15.04 | <0.005 | <0.01 |
| 981687 | Drill Core | 462 | <0.01 | 18.90 | <0.005 | <0.01 |
| 981688 | Drill Core | 480 | 0.02 | 19.91 | <0.005 | 0.02 |
| 981689 | Rock | 448 | <0.01 | 12.56 | <0.005 | <0.01 |
| 981690 | Drill Core | 471 | <0.01 | 14.29 | <0.005 | <0.01 |
| 981691 | Drill Core | 452 | <0.01 | 27.03 | <0.005 | <0.01 |
| 981692 | Drill Core | 520 | <0.01 | 17.53 | <0.005 | <0.01 |
| 981693 | Drill Core | 521 | 0.03 | 18.33 | <0.005 | 0.03 |
| 981694 | Drill Core | 479 | 0.03 | 17.42 | <0.005 | 0.03 |
| 981695 | Rock Pulp | N.A. | 1.12 | I.S. | I.S. | I.S. |
| 981696 | Drill Core | 445 | 0.04 | 17.41 | <0.005 | 0.04 |
| 981697 | Drill Core | 484 | 0.03 | 16.70 | <0.005 | 0.03 |
| 981698 | Drill Core | 588 | 0.02 | 21.97 | <0.005 | 0.02 |
| 981699 | Drill Core | 497 | <0.01 | 14.91 | <0.005 | <0.01 |
| 981700 | Drill Core | 501 | 0.06 | 13.03 | <0.005 | 0.05 |
| 036001 DUP PULP 981700 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. |
| 036002 | Drill Core | 475 | 0.02 | 15.21 | <0.005 | 0.02 |
| 036003 | Drill Core | 476 | <0.01 | 18.06 | <0.005 | <0.01 |
| 036004 | Drill Core | 528 | 0.02 | 15.21 | <0.005 | 0.02 |
| 036005 | Drill Core | 539 | <0.01 | 16.89 | <0.005 | <0.01 |
| 036006 | Drill Core | 541 | 0.03 | 19.83 | <0.005 | 0.03 |
| 036007 | Rock | 454 | <0.01 | 20.48 | <0.005 | <0.01 |
| 036008 | Drill Core | 488 | 1.75 | 16.67 | 0.854 | 3.44 |
| 036009 | Drill Core | 448 | 0.19 | 23.82 | 0.049 | 0.29 |
| 036010 | Drill Core | 435 | 0.03 | 14.80 | <0.005 | 0.03 |
| 036011 | Drill Core | 502 | 0.02 | 21.30 | 0.025 | 0.07 |



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Project: Rosetta Stone
 Report Date: January 18, 2010

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CERTIFICATE OF ANALYSIS

VAN09005748R.1

| Method | M150 | G6 | G6.ME | G6.ME | G6.ME | |
|------------------------|------------|-------|-------|-------|--------|-------|
| Analyte | TotWt | -Au | +Wt | +Au | TotAu | |
| Unit | g | gm/mt | g | mg | gm/mt | |
| MDL | 1 | 0.01 | 0.01 | 0.005 | 0.01 | |
| 036012 | Drill Core | 463 | 0.03 | 23.96 | <0.005 | 0.02 |
| 036013 | Drill Core | 704 | 0.18 | 18.93 | 0.022 | 0.20 |
| 036014 | Drill Core | 596 | 0.09 | 24.63 | <0.005 | 0.09 |
| 036015 | Drill Core | 575 | 0.26 | 25.08 | 0.109 | 0.44 |
| 036016 | Drill Core | 654 | 0.05 | 19.92 | <0.005 | 0.05 |
| 036017 | Rock Pulp | N.A. | 1.13 | I.S. | I.S. | I.S. |
| 036018 | Drill Core | 469 | 0.12 | 21.12 | 0.027 | 0.18 |
| 036019 | Drill Core | 460 | 0.05 | 16.02 | <0.005 | 0.05 |
| 036020 | Drill Core | 514 | 0.08 | 17.63 | 0.025 | 0.12 |
| 036021 | Drill Core | 446 | 0.04 | 19.14 | <0.005 | 0.03 |
| 036022 | Drill Core | 666 | <0.01 | 22.02 | <0.005 | <0.01 |
| 036023 DUP PULP 036022 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. |
| 036024 | Drill Core | 414 | <0.01 | 18.66 | <0.005 | <0.01 |
| 036025 | Drill Core | 538 | <0.01 | 23.51 | <0.005 | <0.01 |
| 036026 | Drill Core | 467 | <0.01 | 31.15 | <0.005 | <0.01 |
| 036027 | Drill Core | 495 | <0.01 | 33.87 | <0.005 | <0.01 |
| 036028 | Drill Core | 523 | <0.01 | 29.18 | <0.005 | <0.01 |
| 036029 | Rock | 353 | <0.01 | 27.51 | <0.005 | <0.01 |
| 036030 | Drill Core | 510 | <0.01 | 23.65 | <0.005 | <0.01 |
| 036031 | Drill Core | 590 | <0.01 | 24.67 | <0.005 | <0.01 |
| 036032 | Drill Core | 608 | 0.01 | 26.73 | <0.005 | 0.01 |
| 036033 | Drill Core | 486 | <0.01 | 25.11 | <0.005 | <0.01 |
| 036034 | Drill Core | 723 | <0.01 | 25.04 | <0.005 | <0.01 |
| 036035 | Rock Pulp | N.A. | 1.08 | I.S. | I.S. | I.S. |
| 036036 | Drill Core | 424 | <0.01 | 38.85 | <0.005 | <0.01 |
| 036037 | Drill Core | 628 | <0.01 | 33.06 | <0.005 | <0.01 |
| 036038 | Drill Core | 547 | <0.01 | 18.94 | <0.005 | <0.01 |
| 036039 | Drill Core | 473 | <0.01 | 40.43 | <0.005 | <0.01 |
| 036040 | Drill Core | 533 | 0.01 | 21.38 | <0.005 | 0.01 |
| 036041 DUP PULP 036040 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. |



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Project: Rosetta Stone
 Report Date: January 18, 2010

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CERTIFICATE OF ANALYSIS

VAN09005748R.1

| Method | M150 | G6 | G6.ME | G6.ME | G6.ME | |
|------------------------|------------|-------|-------|-------|--------|-------|
| Analyte | TotWt | -Au | +Wt | +Au | TotAu | |
| Unit | g | gm/mt | g | mg | gm/mt | |
| MDL | 1 | 0.01 | 0.01 | 0.005 | 0.01 | |
| 036042 | Drill Core | 469 | 0.01 | 23.26 | <0.005 | 0.01 |
| 036043 | Drill Core | 515 | <0.01 | 25.63 | <0.005 | <0.01 |
| 036044 | Drill Core | 542 | <0.01 | 28.74 | <0.005 | <0.01 |
| 036045 | Drill Core | 520 | <0.01 | 18.75 | <0.005 | <0.01 |
| 036046 | Drill Core | 600 | 0.02 | 42.34 | <0.005 | 0.01 |
| 036047 | Rock | 376 | <0.01 | 34.84 | <0.005 | <0.01 |
| 036048 | Drill Core | 469 | 0.03 | 34.27 | <0.005 | 0.03 |
| 036049 | Drill Core | 458 | 0.04 | 34.95 | <0.005 | 0.04 |
| 036050 | Drill Core | 559 | 0.05 | 36.04 | <0.005 | 0.05 |
| 036051 | Drill Core | 413 | 0.09 | 25.18 | <0.005 | 0.08 |
| 036052 | Drill Core | 497 | 0.06 | 28.41 | <0.005 | 0.06 |
| 036053 | Drill Core | 463 | 0.03 | 21.92 | <0.005 | 0.03 |
| 036054 | Drill Core | 505 | 0.02 | 31.91 | <0.005 | 0.02 |
| 036055 | Drill Core | 492 | 0.09 | 32.51 | <0.005 | 0.08 |
| 036056 | Drill Core | 512 | 0.15 | 31.56 | 0.018 | 0.17 |
| 036057 | Rock Pulp | N.A. | 1.14 | I.S. | I.S. | I.S. |
| 036058 | Drill Core | 431 | 0.06 | 22.79 | <0.005 | 0.06 |
| 036059 | Drill Core | 502 | 0.10 | 25.48 | <0.005 | 0.09 |
| 036060 | Drill Core | 601 | 0.06 | 36.01 | <0.005 | 0.06 |
| 036061 | Drill Core | 538 | 0.06 | 34.91 | <0.005 | 0.05 |
| 036062 | Drill Core | 491 | 0.10 | 19.87 | <0.005 | 0.09 |
| 036063 DUP PULP 036062 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. |
| 036064 | Drill Core | 484 | 0.05 | 35.90 | <0.005 | 0.04 |
| 036065 | Drill Core | 478 | 0.10 | 27.48 | 0.009 | 0.11 |
| 036066 | Drill Core | 456 | 0.09 | 15.02 | <0.005 | 0.09 |
| 036067 | Drill Core | 564 | 0.03 | 42.49 | <0.005 | 0.02 |
| 036068 | Drill Core | 421 | 0.05 | 21.42 | <0.005 | 0.04 |
| 036069 | Rock | 465 | <0.01 | 30.06 | <0.005 | <0.01 |
| 036070 | Drill Core | 521 | 0.04 | 23.35 | <0.005 | 0.04 |
| 036071 | Drill Core | 436 | 0.08 | 25.50 | <0.005 | 0.08 |



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Project: Rosetta Stone
 Report Date: January 18, 2010

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CERTIFICATE OF ANALYSIS

VAN09005748R.1

| Method | M150 | G6 | G6.ME | G6.ME | G6.ME | |
|------------------------|------------|-------|-------|-------|--------|-------|
| Analyte | TotWt | -Au | +Wt | +Au | TotAu | |
| Unit | g | gm/mt | g | mg | gm/mt | |
| MDL | 1 | 0.01 | 0.01 | 0.005 | 0.01 | |
| 036072 | Drill Core | 501 | 0.02 | 22.93 | <0.005 | 0.02 |
| 036073 | Drill Core | 410 | <0.01 | 26.20 | <0.005 | <0.01 |
| 036074 | Drill Core | 520 | <0.01 | 25.70 | <0.005 | <0.01 |
| 036075 | Rock Pulp | N.A. | 1.25 | I.S. | I.S. | I.S. |
| 036076 | Drill Core | 516 | <0.01 | 36.34 | <0.005 | <0.01 |
| 036077 | Drill Core | 485 | <0.01 | 27.81 | <0.005 | <0.01 |
| 036078 | Drill Core | 526 | 0.09 | 15.11 | <0.005 | 0.08 |
| 036079 | Drill Core | 553 | 0.49 | 31.93 | 0.016 | 0.49 |
| 036080 | Drill Core | 442 | 0.10 | 23.92 | <0.005 | 0.10 |
| 036081 DUP PULP 036080 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. |
| 036082 | Drill Core | 499 | 0.02 | 28.29 | <0.005 | 0.02 |
| 036083 | Drill Core | 426 | 0.01 | 28.10 | <0.005 | <0.01 |
| 036084 | Drill Core | 457 | 0.02 | 14.92 | <0.005 | 0.02 |
| 036085 | Drill Core | 527 | <0.01 | 26.38 | <0.005 | <0.01 |
| 036086 | Drill Core | 490 | 0.02 | 31.14 | <0.005 | 0.02 |
| 036087 | Rock | 518 | <0.01 | 33.66 | <0.005 | <0.01 |
| 036088 | Drill Core | 454 | <0.01 | 27.11 | <0.005 | <0.01 |
| 036089 | Drill Core | 545 | <0.01 | 24.56 | <0.005 | <0.01 |
| 036090 | Drill Core | 529 | <0.01 | 32.58 | <0.005 | <0.01 |
| 036091 | Drill Core | 613 | <0.01 | 33.56 | <0.005 | <0.01 |
| 036092 | Drill Core | 504 | <0.01 | 33.54 | <0.005 | <0.01 |
| 036093 | Drill Core | 425 | <0.01 | 28.99 | <0.005 | <0.01 |
| 036094 | Drill Core | 572 | <0.01 | 29.89 | <0.005 | <0.01 |
| 036095 | Drill Core | 549 | <0.01 | 26.72 | <0.005 | <0.01 |
| 036096 | Drill Core | 435 | 0.02 | 27.83 | <0.005 | 0.02 |
| 036097 | Rock Pulp | N.A. | 1.19 | I.S. | I.S. | I.S. |
| 036098 | Drill Core | 586 | 0.02 | 33.27 | <0.005 | 0.02 |
| 036099 | Drill Core | 422 | <0.01 | 21.15 | <0.005 | <0.01 |
| 036100 | Drill Core | 481 | <0.01 | 33.81 | <0.005 | <0.01 |
| 036101 | Drill Core | 507 | <0.01 | 30.82 | <0.005 | <0.01 |



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Vancouver BC V6E 2E9 Canada

Project: Rosetta Stone
Report Date: January 18, 2010

Page: 7 of 7 Part 1

CERTIFICATE OF ANALYSIS

VAN09005748R.1

| | Method | M150 | G6 | G6.ME | G6.ME | G6.ME |
|------------------------|------------|-------|-------|-------|--------|-------|
| | | TotWt | -Au | +Wt | +Au | TotAu |
| | Analyte | g | gm/mt | g | mg | gm/mt |
| | Unit | | | | | |
| | MDL | 1 | 0.01 | 0.01 | 0.005 | 0.01 |
| 036102 | Drill Core | 460 | <0.01 | 29.11 | <0.005 | <0.01 |
| 036103 DUP PULP 036102 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. |
| 036104 | Drill Core | 537 | <0.01 | 30.72 | <0.005 | <0.01 |



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Project: Rosetta Stone

Report Date: January 18, 2010

Page: 1 of 3 **Part** 1

QUALITY CONTROL REPORT

VAN09005748R.1

| Method | M150 | G6 | G6.ME | G6.ME | G6.ME | |
|---------------------|------------|-------|-------|-------|--------|-------|
| Analyte | TotWt | -Au | +Wt | +Au | TotAu | |
| Unit | g | gm/mt | g | mg | gm/mt | |
| MDL | 1 | 0.01 | 0.01 | 0.005 | 0.01 | |
| Pulp Duplicates | | | | | | |
| 981664 | Drill Core | 666 | 0.07 | 24.83 | <0.005 | 0.07 |
| REP 981664 | QC | | 0.07 | | | |
| 981692 | Drill Core | 520 | <0.01 | 17.53 | <0.005 | <0.01 |
| REP 981692 | QC | | <0.01 | | | |
| 036036 | Drill Core | 424 | <0.01 | 38.85 | <0.005 | <0.01 |
| REP 036036 | QC | | <0.01 | | | |
| 036080 | Drill Core | 442 | 0.10 | 23.92 | <0.005 | 0.10 |
| REP 036080 | QC | | 0.12 | | | |
| Reference Materials | | | | | | |
| STD OXH55 | Standard | | 1.22 | | | |
| STD OXH55 | Standard | | 1.19 | | | |
| STD OXH55 | Standard | | 1.28 | | | |
| STD OXH55 | Standard | | 1.25 | | | |
| STD OXH55 | Standard | | 1.26 | | | |
| STD OXH55 | Standard | | 1.24 | | | |
| STD OXK69 | Standard | | 3.43 | | | |
| STD OXK69 | Standard | | 3.47 | | | |
| STD OXK69 | Standard | | 3.49 | | | |
| STD OXK69 | Standard | | 3.54 | | | |
| STD OXK69 | Standard | | 3.64 | | | |
| STD OXK69 | Standard | | 3.45 | | | |
| STD OXP61 | Standard | | | 30.00 | 0.449 | |
| STD OXP61 | Standard | | | 30.00 | 0.45 | |
| STD OXP61 | Standard | | | 30.01 | 0.453 | |
| STD OXP61 | Standard | | | 30.00 | 0.454 | |
| STD OXP61 | Standard | | | 30.00 | 0.445 | |
| STD OXP61 | Standard | | | 30.00 | 0.44 | |
| STD OXP61 | Standard | | | 30.00 | 0.45 | |



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Suite 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 Canada

Project: Rosetta Stone

Report Date: January 18, 2010

Page: 2 of 3 **Part** 1

QUALITY CONTROL REPORT

VAN09005748R.1

| | | M150 | G6 | G6.ME | G6.ME | G6.ME |
|-----------|----------|-------|-------|-------|--------|-------|
| | | TotWt | -Au | +Wt | +Au | TotAu |
| | | g | gm/mt | g | mg | gm/mt |
| | | 1 | 0.01 | 0.01 | 0.005 | 0.01 |
| STD OXP61 | Standard | | | 30.00 | 0.448 | |
| STD OXP61 | Standard | | | 30.01 | 0.447 | |
| STD OXP61 | Standard | | | 30.00 | 0.444 | |
| STD OXP61 | Standard | | | 30.01 | 0.443 | |
| STD OXP61 | Standard | | | 30.00 | 0.448 | |
| BLK | Blank | | <0.01 | | | |
| BLK | Blank | | <0.01 | | | |
| BLK | Blank | | <0.01 | | | |
| BLK | Blank | | <0.01 | | | |
| BLK | Blank | | <0.01 | | | |
| BLK | Blank | | <0.01 | | | |
| BLK | Blank | | <0.01 | | | |
| BLK | Blank | | <0.01 | | | |
| BLK | Blank | | <0.01 | | | |
| BLK | Blank | | | 30.00 | <0.005 | |
| BLK | Blank | | | 30.00 | <0.005 | |
| BLK | Blank | | | 30.00 | <0.005 | |
| BLK | Blank | | | 30.00 | <0.005 | |
| BLK | Blank | | | 30.00 | <0.005 | |
| BLK | Blank | | | 30.00 | <0.005 | |
| BLK | Blank | | | 30.00 | <0.005 | |
| BLK | Blank | | <0.01 | | | |
| BLK | Blank | | <0.01 | | | |
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| BLK | Blank | | | 30.00 | <0.005 | |
| BLK | Blank | | | 30.00 | <0.005 | |
| BLK | Blank | | <0.01 | | | |
| BLK | Blank | | <0.01 | | | |



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Project: Rosetta Stone

Report Date: January 18, 2010

Page: 3 of 3 **Part** 1

QUALITY CONTROL REPORT

VAN09005748R.1

| | | M150 | G6 | G6.ME | G6.ME | G6.ME |
|-----------|------------|-------|-------|-------|--------|-------|
| | | TotWt | -Au | +Wt | +Au | TotAu |
| | | g | gm/mt | g | mg | gm/mt |
| | | 1 | 0.01 | 0.01 | 0.005 | 0.01 |
| Prep Wash | | | | | | |
| G1 | Prep Blank | 455 | <0.01 | 9.48 | <0.005 | <0.01 |
| G1 | Prep Blank | 467 | <0.01 | 12.05 | <0.005 | <0.01 |



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Client: **Kootenay Gold Inc.**
Suite 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Vancouver
Received: November 27, 2009
Report Date: December 17, 2009
Page: 1 of 4

CERTIFICATE OF ANALYSIS

VAN09005956.1

CLIENT JOB INFORMATION

Project: Rosetta Stone
Shipment ID:
P.O. Number
Number of Samples: 69

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 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| R200-250 | 63 | Crush split and pulverize 250g drill core to 200 mesh | | | VAN |
| G6 | 69 | Fire assay fusion Au by ICP-ES | 30 | Completed | VAN |
| 1DX | 69 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 0.5 | Completed | VAN |

ADDITIONAL COMMENTS



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



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 Suite 960 - 1055 W. Hastings St.
 Vancouver BC V6E 2E9 Canada

Project: Rosetta Stone
 Report Date: December 17, 2009

Page: 2 of 4 Part 1

CERTIFICATE OF ANALYSIS

VAN09005956.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|------|------|------|-----|------|------|------|------|------|-------|------|-------|-----|-----|------|------|------|-----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | 0.1 | |
| 036105 | Drill Core | 3.80 | <0.01 | 4.7 | 3.0 | 9.0 | 48 | 0.1 | 1.7 | 1.0 | 293 | 0.87 | <0.5 | 0.5 | 2.7 | 2.3 | 179 | 0.3 | 0.2 | 0.2 | 9 |
| 036106 | Drill Core | 2.42 | <0.01 | 0.2 | 3.2 | 9.9 | 52 | 0.2 | 1.5 | 1.4 | 242 | 1.00 | 0.5 | 0.3 | 2.4 | 3.1 | 145 | 0.2 | 1.3 | 0.2 | 9 |
| 036107 | Drill Core | 3.91 | <0.01 | 0.2 | 2.2 | 6.8 | 47 | <0.1 | 1.6 | 1.3 | 278 | 1.04 | <0.5 | 0.3 | 1.1 | 3.5 | 180 | 0.2 | 0.2 | 0.2 | 10 |
| 036108 | Drill Core | 4.19 | <0.01 | <0.1 | 0.7 | 6.6 | 40 | 0.1 | 1.2 | 1.1 | 243 | 0.90 | <0.5 | 0.3 | 1.2 | 2.9 | 174 | 0.1 | 0.2 | 0.3 | 8 |
| 036109 | Rock | 1.03 | <0.01 | 0.4 | 25.9 | 3.5 | 44 | <0.1 | 29.5 | 8.9 | 196 | 2.18 | 0.7 | 0.8 | <0.5 | 3.1 | 43 | 0.1 | <0.1 | <0.1 | 99 |
| 036110 | Drill Core | 4.15 | <0.01 | <0.1 | 1.2 | 6.4 | 42 | <0.1 | 0.7 | 0.8 | 228 | 0.78 | <0.5 | 0.3 | <0.5 | 2.3 | 174 | <0.1 | 0.6 | <0.1 | 7 |
| 036111 | Drill Core | 4.50 | <0.01 | <0.1 | 1.0 | 6.7 | 34 | 0.2 | 0.9 | 0.8 | 197 | 0.89 | <0.5 | 0.3 | <0.5 | 2.3 | 110 | <0.1 | 1.1 | <0.1 | 5 |
| 036112 | Drill Core | 3.22 | 0.04 | 0.1 | 1.0 | 18.6 | 54 | 0.4 | 0.9 | 0.9 | 177 | 0.86 | 6.3 | 0.3 | 44.7 | 2.6 | 75 | 0.2 | 1.0 | 0.2 | 5 |
| 036113 | Drill Core | 3.96 | 0.05 | 0.4 | 0.8 | 11.6 | 33 | 0.7 | 0.8 | 0.6 | 52 | 0.59 | 12.2 | 0.3 | 278.3 | 1.0 | 25 | 0.1 | 0.8 | 0.1 | <2 |
| 036114 | Drill Core | 3.82 | 0.01 | 0.1 | 1.0 | 9.1 | 43 | 0.5 | 1.1 | 0.9 | 112 | 0.86 | 6.4 | 0.3 | 26.5 | 2.3 | 40 | <0.1 | 2.3 | <0.1 | 4 |
| 036115 | Rock Pulp | 0.05 | 1.22 | 10.9 | 55.6 | 85.2 | 2 | 1.7 | 7.8 | 2.4 | 68 | 3.97 | 108.4 | 0.2 | 840.9 | 0.4 | 6 | <0.1 | 14.7 | 89.7 | 22 |
| 036116 | Drill Core | 3.25 | 0.01 | 0.1 | 0.7 | 8.6 | 53 | 0.3 | 0.8 | 0.9 | 251 | 0.98 | 3.6 | 0.3 | 17.8 | 2.9 | 85 | 0.1 | 1.2 | <0.1 | 7 |
| 036117 | Drill Core | 3.91 | 0.09 | 0.4 | 1.4 | 7.4 | 30 | 0.6 | 0.9 | 0.9 | 41 | 0.61 | 12.8 | 0.3 | 42.9 | 1.0 | 24 | <0.1 | 1.2 | 0.1 | 2 |
| 036118 | Drill Core | 3.94 | 0.10 | 3.7 | 1.1 | 8.3 | 33 | 0.4 | 0.9 | 0.7 | 41 | 0.56 | 15.1 | 0.2 | 39.2 | 0.6 | 19 | <0.1 | 0.9 | <0.1 | <2 |
| 036119 | Drill Core | 3.81 | 0.55 | 0.9 | 1.1 | 7.4 | 25 | 0.7 | 0.9 | 0.6 | 39 | 0.43 | 9.5 | 0.2 | 149.2 | 0.6 | 26 | <0.1 | 0.9 | <0.1 | <2 |
| 036120 | Drill Core | 2.23 | 1.37 | 0.4 | 0.9 | 4.6 | 20 | 0.8 | 0.9 | 0.8 | 10 | 0.43 | 12.9 | 0.1 | 151.4 | 0.2 | 21 | <0.1 | 1.3 | <0.1 | <2 |
| 036121 DUP PULP 036120 | Drill Core | | 0.31 | 0.4 | 1.2 | 5.1 | 20 | 0.9 | 0.9 | 0.9 | 10 | 0.44 | 13.7 | <0.1 | 412.9 | 0.2 | 20 | <0.1 | 1.3 | <0.1 | <2 |
| 036122 | Drill Core | 4.41 | 0.44 | 1.0 | 18.5 | 12.2 | 68 | 0.7 | 28.8 | 6.8 | 470 | 2.22 | 7.1 | 0.6 | 133.4 | 3.5 | 110 | 0.2 | 4.7 | 0.3 | 21 |
| 036124 | Drill Core | 3.58 | <0.01 | 0.7 | 38.0 | 11.4 | 92 | 0.6 | 27.4 | 9.3 | 721 | 3.02 | 8.2 | 1.3 | 14.4 | 4.8 | 169 | 0.4 | 8.1 | 0.3 | 39 |
| 036125 | Drill Core | 4.73 | <0.01 | 2.8 | 31.4 | 11.1 | 92 | 0.3 | 45.9 | 9.8 | 854 | 2.76 | 0.8 | 1.5 | 6.0 | 8.2 | 151 | 0.2 | 3.2 | 0.3 | 48 |
| 036126 | Drill Core | 2.15 | <0.01 | 0.1 | 1.1 | 6.3 | 36 | 0.1 | 1.3 | 0.8 | 169 | 0.65 | 2.7 | 1.3 | 6.1 | 2.1 | 111 | 0.1 | 0.5 | 0.2 | 6 |
| 036127 | Rock | 0.95 | <0.01 | 0.4 | 36.4 | 3.8 | 53 | <0.1 | 35.5 | 10.7 | 258 | 2.50 | 0.7 | 0.7 | 1.1 | 2.6 | 44 | 0.1 | 0.1 | <0.1 | 114 |
| 036128 | Drill Core | 1.00 | 0.24 | 0.2 | 1.5 | 10.1 | 49 | 1.3 | 0.8 | 1.2 | 144 | 1.13 | 19.8 | 0.5 | 205.7 | 2.1 | 125 | 0.2 | 3.3 | 0.2 | 5 |
| 036129 | Drill Core | 1.45 | <0.01 | <0.1 | 1.1 | 6.3 | 51 | <0.1 | 0.9 | 1.1 | 194 | 0.67 | <0.5 | 0.9 | <0.5 | 2.1 | 136 | <0.1 | 0.2 | <0.1 | 9 |
| 036130 | Drill Core | 1.45 | <0.01 | <0.1 | 2.2 | 6.7 | 63 | 0.2 | 0.5 | 1.2 | 263 | 1.08 | 2.8 | 1.0 | 1.8 | 3.8 | 158 | 0.1 | 1.2 | 0.1 | 11 |
| 036131 | Drill Core | 0.75 | <0.01 | <0.1 | 2.4 | 30.3 | 52 | 5.1 | 0.9 | 1.4 | 299 | 1.25 | 1.3 | 0.6 | <0.5 | 3.3 | 150 | 0.2 | 0.2 | 17.0 | 11 |
| 036132 | Drill Core | 1.02 | 0.06 | 0.3 | 3.5 | 6.3 | 53 | 1.0 | 1.7 | 3.0 | 226 | 1.75 | 19.4 | 0.6 | 45.2 | 3.0 | 87 | 0.2 | 5.1 | 0.2 | 14 |
| 036133 | Drill Core | 2.11 | 0.06 | <0.1 | 0.9 | 6.8 | 65 | 0.2 | 0.7 | 1.3 | 219 | 1.05 | 3.2 | 0.9 | 29.0 | 4.0 | 118 | <0.1 | 0.8 | <0.1 | 11 |
| 036134 | Drill Core | 2.22 | 2.60 | 0.2 | 1.5 | 6.6 | 52 | 1.3 | 0.6 | 1.0 | 94 | 0.86 | 16.1 | 1.2 | 780.1 | 3.2 | 63 | 0.2 | 1.4 | 0.1 | 5 |
| 036135 | Drill Core | 4.26 | 0.30 | 0.5 | 2.5 | 13.4 | 73 | 0.9 | 1.3 | 2.0 | 185 | 1.26 | 23.4 | 0.9 | 215.5 | 3.5 | 66 | 0.2 | 1.6 | 0.2 | 13 |

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.



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Project: Rosetta Stone
 Report Date: December 17, 2009

Page: 2 of 4 Part 2

CERTIFICATE OF ANALYSIS

VAN09005956.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|--------|-----|------|-------|-------|--------|------|-------|--------|------|------|-------|------|------|-------|-----|------|
| Analyte | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
| Unit | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| MDL | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 1 | 0.5 | |
| 036105 | Drill Core | 1.42 | 0.021 | 11 | 6 | 0.13 | 34 | 0.002 | <20 | 0.18 | 0.064 | 0.05 | <0.1 | 0.02 | 0.7 | <0.1 | 0.44 | 1 | 0.8 |
| 036106 | Drill Core | 1.02 | 0.025 | 14 | 4 | 0.15 | 30 | 0.003 | <20 | 0.33 | 0.052 | 0.06 | <0.1 | 0.09 | 0.7 | <0.1 | 0.49 | 2 | 1.3 |
| 036107 | Drill Core | 1.33 | 0.032 | 15 | 3 | 0.15 | 22 | 0.003 | <20 | 0.15 | 0.042 | 0.05 | <0.1 | 0.03 | 0.7 | <0.1 | 0.43 | 1 | <0.5 |
| 036108 | Drill Core | 1.17 | 0.024 | 13 | 5 | 0.14 | 33 | 0.002 | <20 | 0.17 | 0.064 | 0.06 | 0.1 | 0.10 | 0.6 | <0.1 | 0.43 | 1 | 0.5 |
| 036109 | Rock | 0.86 | 0.261 | 26 | 30 | 0.88 | 169 | 0.225 | <20 | 0.87 | 0.040 | 0.73 | <0.1 | <0.01 | 1.3 | 0.2 | <0.05 | 5 | <0.5 |
| 036110 | Drill Core | 1.34 | 0.022 | 10 | 2 | 0.15 | 24 | 0.001 | <20 | 0.18 | 0.039 | 0.05 | <0.1 | 0.13 | 0.6 | <0.1 | 0.26 | 1 | <0.5 |
| 036111 | Drill Core | 0.99 | 0.022 | 10 | 4 | 0.13 | 19 | 0.002 | <20 | 0.18 | 0.032 | 0.05 | 0.1 | 0.17 | 0.6 | <0.1 | 0.50 | 1 | 0.9 |
| 036112 | Drill Core | 0.64 | 0.024 | 11 | 1 | 0.19 | 17 | <0.001 | <20 | 0.30 | 0.008 | 0.04 | <0.1 | 0.28 | 0.5 | <0.1 | 0.47 | 1 | 1.7 |
| 036113 | Drill Core | 0.04 | 0.008 | 4 | 3 | 0.03 | 12 | <0.001 | <20 | 0.24 | 0.002 | 0.03 | 0.1 | 0.17 | 0.2 | <0.1 | 0.41 | <1 | 1.4 |
| 036114 | Drill Core | 0.30 | 0.014 | 9 | 1 | 0.11 | 15 | <0.001 | <20 | 0.33 | 0.003 | 0.03 | <0.1 | 0.12 | 0.6 | <0.1 | 0.61 | 1 | 1.8 |
| 036115 | Rock Pulp | <0.01 | 0.004 | <1 | 20 | <0.01 | 240 | 0.004 | <20 | 0.09 | <0.001 | 0.01 | 0.3 | 0.15 | 0.3 | 0.3 | 0.09 | 2 | 13.9 |
| 036116 | Drill Core | 0.87 | 0.024 | 12 | 1 | 0.29 | 14 | <0.001 | <20 | 0.30 | 0.003 | 0.03 | 0.4 | 0.16 | 0.7 | <0.1 | 0.37 | 1 | 1.2 |
| 036117 | Drill Core | 0.04 | 0.008 | 5 | 2 | 0.03 | 17 | <0.001 | <20 | 0.28 | 0.002 | 0.03 | 0.5 | 0.18 | 0.2 | <0.1 | 0.47 | <1 | 2.2 |
| 036118 | Drill Core | 0.03 | 0.008 | 4 | 2 | 0.02 | 13 | <0.001 | <20 | 0.21 | 0.002 | 0.02 | 0.1 | 0.21 | 0.2 | <0.1 | 0.41 | <1 | 2.2 |
| 036119 | Drill Core | 0.13 | 0.006 | 3 | 2 | 0.06 | 23 | <0.001 | <20 | 0.24 | 0.001 | 0.03 | <0.1 | 0.11 | 0.2 | <0.1 | 0.29 | <1 | 1.6 |
| 036120 | Drill Core | 0.02 | <0.001 | 1 | 4 | 0.01 | 13 | <0.001 | <20 | 0.16 | 0.002 | 0.02 | <0.1 | 0.17 | 0.1 | <0.1 | 0.41 | <1 | 2.1 |
| 036121 DUP PULP 036120 | Drill Core | 0.02 | <0.001 | 1 | <1 | <0.01 | 14 | <0.001 | <20 | 0.16 | 0.002 | 0.02 | <0.1 | 0.15 | 0.2 | <0.1 | 0.42 | <1 | 2.2 |
| 036122 | Drill Core | 0.63 | 0.028 | 9 | 15 | 0.64 | 38 | <0.001 | <20 | 0.34 | 0.005 | 0.10 | 0.1 | 0.08 | 2.9 | 0.1 | 0.30 | 2 | 1.9 |
| 036124 | Drill Core | 1.17 | 0.078 | 15 | 16 | 1.05 | 47 | 0.002 | <20 | 0.53 | 0.008 | 0.16 | <0.1 | 0.04 | 4.0 | 0.6 | 0.50 | 3 | 2.1 |
| 036125 | Drill Core | 2.02 | 0.064 | 24 | 39 | 1.56 | 143 | 0.077 | <20 | 1.42 | 0.020 | 0.96 | 0.1 | <0.01 | 4.4 | 0.5 | 0.16 | 5 | 0.9 |
| 036126 | Drill Core | 0.72 | 0.018 | 8 | 2 | 0.09 | 25 | 0.003 | <20 | 0.22 | 0.040 | 0.07 | <0.1 | 0.04 | 0.5 | <0.1 | 0.27 | 2 | 0.6 |
| 036127 | Rock | 1.01 | 0.225 | 31 | 37 | 1.05 | 206 | 0.166 | <20 | 1.10 | 0.070 | 0.83 | <0.1 | <0.01 | 1.5 | 0.2 | 0.06 | 6 | <0.5 |
| 036128 | Drill Core | 0.66 | 0.011 | 11 | 4 | 0.08 | 20 | <0.001 | <20 | 0.37 | 0.008 | 0.06 | 0.3 | 0.07 | 0.4 | 0.1 | 0.78 | 2 | 4.0 |
| 036129 | Drill Core | 0.70 | 0.029 | 9 | 3 | 0.10 | 76 | 0.033 | <20 | 0.28 | 0.057 | 0.09 | 0.2 | 0.02 | 0.5 | <0.1 | 0.18 | 2 | <0.5 |
| 036130 | Drill Core | 1.04 | 0.023 | 18 | 2 | 0.11 | 19 | 0.001 | <20 | 0.22 | 0.041 | 0.05 | <0.1 | 0.05 | 0.5 | <0.1 | 0.25 | 2 | 1.4 |
| 036131 | Drill Core | 1.07 | 0.020 | 14 | 4 | 0.11 | 23 | 0.005 | <20 | 0.20 | 0.053 | 0.06 | <0.1 | <0.01 | 0.6 | <0.1 | 0.53 | 2 | 1.2 |
| 036132 | Drill Core | 0.46 | 0.036 | 14 | 3 | 0.13 | 13 | <0.001 | <20 | 0.24 | 0.023 | 0.05 | 0.1 | 0.02 | 0.6 | 0.2 | 1.09 | 2 | 10.0 |
| 036133 | Drill Core | 0.63 | 0.027 | 18 | 3 | 0.12 | 26 | 0.009 | <20 | 0.28 | 0.049 | 0.07 | 0.1 | 0.03 | 0.5 | <0.1 | 0.29 | 3 | 1.0 |
| 036134 | Drill Core | 0.43 | 0.016 | 14 | 4 | 0.12 | 19 | <0.001 | <20 | 0.19 | 0.023 | 0.05 | <0.1 | 0.04 | 0.3 | <0.1 | 0.49 | 1 | 2.7 |
| 036135 | Drill Core | 0.30 | 0.028 | 16 | 4 | 0.20 | 19 | 0.001 | <20 | 0.22 | 0.040 | 0.06 | <0.1 | 0.02 | 0.5 | <0.1 | 0.59 | 2 | 3.9 |

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.



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Project: Rosetta Stone
 Report Date: December 17, 2009

Page: 3 of 4 Part 1

CERTIFICATE OF ANALYSIS

VAN09005956.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|------|------|------|-----|------|------|------|------|------|-------|-----|-------|-----|-----|------|------|------|----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | 0.1 | |
| 036136 | Drill Core | 3.57 | 0.81 | 0.2 | 16.7 | 12.0 | 97 | 2.0 | 5.5 | 8.3 | 738 | 3.46 | 12.0 | 0.5 | 934.3 | 1.9 | 165 | 0.2 | 2.5 | 0.1 | 60 |
| 036137 | Rock Pulp | 0.05 | 1.32 | 13.0 | 53.1 | 83.4 | 2 | 1.9 | 8.3 | 2.6 | 61 | 4.29 | 117.9 | 0.2 | 1177 | 0.4 | 5 | <0.1 | 14.6 | 98.4 | 23 |
| 036138 | Drill Core | 3.16 | 0.49 | 0.3 | 14.2 | 9.0 | 88 | 1.3 | 6.0 | 8.5 | 853 | 3.62 | 12.0 | 0.5 | 274.3 | 1.5 | 256 | 0.2 | 2.3 | <0.1 | 71 |
| 036139 | Drill Core | 3.72 | 0.38 | 0.2 | 6.4 | 21.5 | 108 | 1.5 | 3.3 | 4.7 | 467 | 2.42 | 19.1 | 0.8 | 449.6 | 2.6 | 144 | 0.5 | 1.6 | 0.2 | 38 |
| 036140 | Drill Core | 1.26 | 0.14 | 0.2 | 2.2 | 18.6 | 67 | 0.6 | 0.6 | 1.3 | 183 | 1.03 | 11.2 | 1.1 | 98.1 | 4.3 | 88 | 0.3 | 0.5 | 0.3 | 9 |
| 036141 | Drill Core | 1.81 | 0.42 | 1.1 | 6.1 | 30.8 | 81 | 3.1 | 2.5 | 3.9 | 232 | 2.06 | 65.6 | 1.1 | 331.6 | 2.4 | 70 | 0.3 | 7.2 | 0.5 | 23 |
| 036142 | Drill Core | 2.25 | 0.08 | <0.1 | 0.4 | 7.7 | 39 | 1.0 | 0.6 | 0.9 | 105 | 0.79 | 18.8 | 0.2 | 94.7 | 2.1 | 89 | 0.1 | 0.8 | 0.2 | 4 |
| 036143 DUP PULP 036142 | Drill Core | | 0.08 | <0.1 | 0.9 | 6.9 | 39 | 0.9 | 0.6 | 0.8 | 107 | 0.77 | 18.3 | 0.2 | 65.5 | 2.1 | 87 | 0.1 | 0.8 | 0.2 | 4 |
| 036144 | Drill Core | 1.80 | 0.06 | 0.3 | 0.8 | 17.2 | 51 | 1.3 | 0.9 | 1.0 | 207 | 1.08 | 18.8 | 0.3 | 44.4 | 2.5 | 131 | 0.1 | 3.0 | 0.4 | 5 |
| 036145 | Drill Core | 1.24 | 0.06 | <0.1 | 1.2 | 10.4 | 44 | 1.7 | 0.6 | 0.8 | 91 | 1.00 | 14.6 | 0.4 | 44.3 | 2.8 | 52 | 0.2 | 6.0 | 0.2 | 3 |
| 036146 | Drill Core | 2.39 | 0.03 | 0.3 | 2.0 | 18.3 | 88 | 0.5 | 1.0 | 1.3 | 258 | 1.10 | 8.2 | 0.7 | 29.2 | 5.5 | 141 | 0.4 | 1.1 | 0.4 | 7 |
| 036147 | Drill Core | 2.99 | 0.02 | 0.1 | 1.1 | 11.2 | 66 | 0.3 | 0.6 | 1.2 | 219 | 1.00 | 4.2 | 0.5 | 6.9 | 5.7 | 121 | 0.2 | 1.1 | 0.2 | 7 |
| 036148 | Drill Core | 4.05 | 0.01 | 0.1 | 0.4 | 7.9 | 69 | 0.3 | 0.7 | 1.3 | 257 | 1.19 | 6.8 | 1.2 | 9.5 | 5.5 | 123 | 0.1 | 2.2 | <0.1 | 7 |
| 036149 | Rock | 1.17 | <0.01 | 0.3 | 46.7 | 3.6 | 48 | 0.1 | 32.5 | 10.3 | 206 | 2.25 | 0.8 | 0.7 | 1.4 | 2.6 | 55 | 0.1 | <0.1 | <0.1 | 99 |
| 036150 | Drill Core | 3.94 | 0.03 | 0.2 | 1.1 | 8.6 | 75 | 0.3 | 0.8 | 1.3 | 279 | 1.24 | 6.1 | 0.7 | 15.8 | 5.6 | 128 | 0.2 | 2.1 | <0.1 | 6 |
| 036151 | Drill Core | 4.08 | 0.02 | <0.1 | 0.6 | 7.9 | 71 | 0.2 | 0.4 | 1.2 | 312 | 1.11 | 4.1 | 0.6 | 6.9 | 5.7 | 132 | 0.1 | 1.5 | <0.1 | 7 |
| 036152 | Drill Core | 3.89 | 0.03 | 0.2 | 1.2 | 8.5 | 65 | 0.5 | 0.3 | 1.1 | 192 | 1.03 | 14.7 | 0.6 | 16.1 | 4.7 | 101 | <0.1 | 2.5 | <0.1 | 6 |
| 036153 | Drill Core | 3.77 | 0.03 | <0.1 | 1.1 | 8.8 | 49 | 0.5 | 0.6 | 1.5 | 146 | 0.91 | 18.8 | 0.4 | 28.4 | 3.5 | 86 | 0.2 | 3.3 | <0.1 | 4 |
| 036154 | Drill Core | 4.22 | 0.02 | <0.1 | 1.5 | 10.2 | 52 | 0.6 | 0.6 | 1.2 | 328 | 1.07 | 15.6 | 0.4 | 13.5 | 4.5 | 129 | 0.2 | 2.6 | 0.1 | 5 |
| 036155 | Rock Pulp | 0.06 | 1.14 | 12.6 | 66.5 | 93.9 | 2 | 1.8 | 8.5 | 2.7 | 80 | 4.30 | 117.9 | 0.2 | 956.0 | 0.4 | 7 | <0.1 | 18.3 | 95.0 | 23 |
| 036156 | Drill Core | 4.20 | 0.08 | 0.3 | 1.7 | 12.2 | 62 | 0.6 | 0.6 | 1.3 | 143 | 0.93 | 21.0 | 1.4 | 36.3 | 3.6 | 55 | 0.1 | 3.1 | 0.2 | 4 |
| 036157 | Drill Core | 4.09 | 0.05 | <0.1 | 1.0 | 36.2 | 75 | 0.6 | 0.7 | 1.2 | 167 | 1.04 | 20.2 | 1.0 | 32.1 | 4.2 | 81 | 0.2 | 3.8 | <0.1 | 5 |
| 036158 | Drill Core | 4.02 | 0.07 | 0.2 | 0.9 | 10.3 | 73 | 0.7 | 0.7 | 1.2 | 101 | 0.91 | 24.7 | 0.4 | 31.6 | 4.2 | 38 | 0.1 | 3.3 | <0.1 | 4 |
| 036159 | Drill Core | 3.93 | 0.02 | 0.1 | 1.0 | 7.7 | 55 | 0.7 | 0.6 | 0.9 | 61 | 0.80 | 10.6 | 0.3 | 15.9 | 3.1 | 44 | 0.1 | 4.1 | <0.1 | 3 |
| 036160 | Drill Core | 4.11 | 0.09 | 0.2 | 0.8 | 9.7 | 50 | 0.7 | 0.3 | 1.0 | 208 | 1.26 | 19.2 | 0.4 | 81.1 | 3.7 | 123 | 0.2 | 2.8 | 0.2 | 6 |
| 036161 DUP PULP 036160 | Drill Core | | 0.07 | 0.2 | 0.8 | 10.2 | 52 | 0.7 | 0.4 | 1.0 | 212 | 1.27 | 19.6 | 0.4 | 66.3 | 3.8 | 124 | <0.1 | 2.8 | 0.2 | 6 |
| 036162 | Drill Core | 4.22 | 0.10 | 0.2 | 1.3 | 9.1 | 50 | 0.8 | 0.6 | 0.8 | 50 | 0.60 | 22.2 | 0.3 | 50.8 | 3.1 | 48 | 0.3 | 2.7 | 0.2 | 2 |
| 036163 | Drill Core | 4.11 | 0.27 | 0.3 | 1.8 | 16.5 | 76 | 1.9 | 0.8 | 1.1 | 44 | 0.83 | 27.0 | 0.3 | 280.5 | 4.2 | 37 | 0.4 | 5.3 | 1.2 | 2 |
| 036164 | Drill Core | 4.07 | 0.13 | 0.1 | 0.7 | 6.7 | 53 | 15.8 | <0.1 | 1.1 | 59 | 0.78 | 19.1 | 0.3 | 69.7 | 3.8 | 57 | <0.1 | 4.4 | <0.1 | 3 |
| 036165 | Drill Core | 2.83 | 0.04 | 0.2 | 1.3 | 9.1 | 57 | 8.8 | 0.7 | 1.1 | 67 | 0.70 | 20.4 | 0.7 | 35.8 | 3.9 | 67 | 0.2 | 2.5 | 0.3 | 2 |

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



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Project: Rosetta Stone
 Report Date: December 17, 2009

Page: 3 of 4 Part 2

CERTIFICATE OF ANALYSIS

VAN09005956.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|-----|------|-------|-------|--------|------|-------|-------|------|------|-------|------|------|------|-----|------|
| Analyte | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
| Unit | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| MDL | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 1 | 0.5 | |
| 036136 | Drill Core | 0.94 | 0.113 | 11 | 7 | 0.77 | 38 | 0.008 | <20 | 0.50 | 0.031 | 0.16 | 0.1 | 0.03 | 2.9 | <0.1 | 0.95 | 4 | 7.2 |
| 036137 | Rock Pulp | <0.01 | 0.004 | <1 | 23 | <0.01 | 273 | 0.004 | <20 | 0.09 | 0.002 | 0.01 | 0.4 | 0.18 | 0.3 | 0.3 | 0.10 | 2 | 16.5 |
| 036138 | Drill Core | 1.25 | 0.118 | 10 | 7 | 1.02 | 96 | 0.019 | <20 | 0.71 | 0.031 | 0.26 | <0.1 | 0.02 | 3.7 | 0.2 | 0.76 | 5 | 7.0 |
| 036139 | Drill Core | 0.96 | 0.074 | 14 | 5 | 0.54 | 69 | 0.011 | <20 | 0.47 | 0.038 | 0.15 | <0.1 | <0.01 | 1.9 | <0.1 | 0.77 | 4 | 5.2 |
| 036140 | Drill Core | 0.51 | 0.022 | 17 | 3 | 0.19 | 21 | 0.002 | <20 | 0.13 | 0.052 | 0.05 | <0.1 | <0.01 | 0.4 | <0.1 | 0.50 | <1 | 1.8 |
| 036141 | Drill Core | 0.25 | 0.057 | 11 | 6 | 0.24 | 15 | 0.001 | <20 | 0.22 | 0.036 | 0.06 | 0.1 | 0.01 | 1.6 | 0.1 | 1.14 | 2 | 8.2 |
| 036142 | Drill Core | 0.47 | 0.015 | 9 | 4 | 0.13 | 16 | <0.001 | <20 | 0.17 | 0.030 | 0.05 | <0.1 | 0.03 | 0.2 | <0.1 | 0.48 | <1 | 2.0 |
| 036143 DUP PULP 036142 | Drill Core | 0.47 | 0.014 | 9 | 4 | 0.13 | 15 | <0.001 | <20 | 0.18 | 0.028 | 0.05 | <0.1 | 0.03 | 0.2 | <0.1 | 0.46 | <1 | 1.8 |
| 036144 | Drill Core | 1.22 | 0.020 | 12 | 2 | 0.23 | 21 | <0.001 | <20 | 0.26 | 0.022 | 0.05 | <0.1 | 0.05 | 0.3 | <0.1 | 0.67 | 1 | 2.2 |
| 036145 | Drill Core | 0.33 | 0.016 | 12 | 3 | 0.10 | 12 | <0.001 | <20 | 0.31 | 0.003 | 0.04 | <0.1 | 0.06 | 0.3 | 0.2 | 0.89 | 1 | 4.3 |
| 036146 | Drill Core | 1.29 | 0.024 | 21 | 2 | 0.31 | 16 | <0.001 | <20 | 0.24 | 0.024 | 0.05 | <0.1 | 0.04 | 0.6 | <0.1 | 0.48 | 1 | 1.7 |
| 036147 | Drill Core | 0.92 | 0.026 | 22 | 2 | 0.18 | 20 | 0.001 | <20 | 0.19 | 0.043 | 0.06 | 0.1 | 0.05 | 0.7 | <0.1 | 0.37 | 1 | 1.3 |
| 036148 | Drill Core | 1.26 | 0.024 | 21 | 2 | 0.23 | 19 | 0.001 | <20 | 0.26 | 0.034 | 0.06 | <0.1 | 0.07 | 0.7 | <0.1 | 0.39 | 1 | 2.2 |
| 036149 | Rock | 0.86 | 0.256 | 32 | 31 | 0.89 | 189 | 0.241 | <20 | 0.98 | 0.078 | 0.78 | <0.1 | <0.01 | 1.5 | 0.2 | 0.06 | 5 | <0.5 |
| 036150 | Drill Core | 1.41 | 0.023 | 21 | 2 | 0.24 | 21 | 0.001 | <20 | 0.34 | 0.018 | 0.06 | <0.1 | 0.09 | 0.6 | <0.1 | 0.47 | 2 | 2.4 |
| 036151 | Drill Core | 1.50 | 0.021 | 22 | 1 | 0.31 | 18 | 0.001 | <20 | 0.24 | 0.022 | 0.05 | <0.1 | 0.13 | 0.7 | <0.1 | 0.34 | 1 | 1.8 |
| 036152 | Drill Core | 0.99 | 0.016 | 18 | 1 | 0.31 | 15 | <0.001 | <20 | 0.32 | 0.005 | 0.04 | <0.1 | 0.22 | 0.5 | 0.2 | 0.51 | 1 | 2.7 |
| 036153 | Drill Core | 0.80 | 0.018 | 14 | 1 | 0.21 | 13 | <0.001 | <20 | 0.26 | 0.003 | 0.03 | <0.1 | 0.15 | 0.4 | <0.1 | 0.64 | 1 | 3.9 |
| 036154 | Drill Core | 1.57 | 0.021 | 18 | 1 | 0.15 | 18 | 0.001 | <20 | 0.26 | 0.025 | 0.04 | <0.1 | 0.17 | 0.5 | <0.1 | 0.73 | 1 | 3.4 |
| 036155 | Rock Pulp | <0.01 | 0.005 | <1 | 22 | <0.01 | 273 | 0.006 | <20 | 0.11 | 0.001 | 0.02 | 0.4 | 0.16 | 0.4 | 0.3 | 0.10 | 2 | 15.0 |
| 036156 | Drill Core | 0.45 | 0.020 | 15 | 3 | 0.10 | 14 | <0.001 | <20 | 0.27 | 0.006 | 0.04 | <0.1 | 0.22 | 0.4 | <0.1 | 0.61 | 1 | 3.2 |
| 036157 | Drill Core | 0.54 | 0.021 | 18 | <1 | 0.18 | 19 | <0.001 | <20 | 0.32 | 0.022 | 0.05 | 0.1 | 0.45 | 0.5 | <0.1 | 0.61 | 2 | 5.3 |
| 036158 | Drill Core | 0.20 | 0.022 | 18 | <1 | 0.08 | 14 | <0.001 | <20 | 0.29 | 0.004 | 0.04 | 0.2 | 0.25 | 0.4 | <0.1 | 0.60 | 1 | 5.8 |
| 036159 | Drill Core | 0.16 | 0.015 | 15 | <1 | 0.06 | 17 | <0.001 | <20 | 0.34 | 0.004 | 0.05 | 0.1 | 0.22 | 0.4 | <0.1 | 0.64 | 2 | 4.3 |
| 036160 | Drill Core | 1.11 | 0.014 | 15 | 2 | 0.38 | 17 | <0.001 | <20 | 0.30 | 0.003 | 0.04 | <0.1 | 0.21 | 0.6 | <0.1 | 0.40 | 1 | 3.5 |
| 036161 DUP PULP 036160 | Drill Core | 1.11 | 0.014 | 15 | 1 | 0.39 | 17 | <0.001 | <20 | 0.31 | 0.003 | 0.04 | <0.1 | 0.22 | 0.5 | <0.1 | 0.40 | 1 | 3.9 |
| 036162 | Drill Core | 0.08 | 0.012 | 13 | 2 | 0.04 | 18 | <0.001 | <20 | 0.36 | 0.004 | 0.05 | <0.1 | 0.30 | 0.1 | <0.1 | 0.44 | 2 | 3.0 |
| 036163 | Drill Core | 0.06 | 0.016 | 17 | 3 | 0.03 | 15 | <0.001 | <20 | 0.37 | 0.003 | 0.05 | <0.1 | 0.26 | <0.1 | <0.1 | 0.72 | 2 | 7.0 |
| 036164 | Drill Core | 0.13 | 0.016 | 17 | 1 | 0.06 | 17 | <0.001 | 22 | 0.46 | 0.010 | 0.07 | 0.1 | 0.21 | 0.2 | <0.1 | 0.65 | 2 | 6.4 |
| 036165 | Drill Core | 0.22 | 0.015 | 16 | 2 | 0.08 | 13 | <0.001 | <20 | 0.37 | 0.004 | 0.05 | 0.1 | 0.13 | 0.2 | <0.1 | 0.60 | 2 | 4.3 |

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.



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Project: Rosetta Stone
 Report Date: December 17, 2009

Page: 4 of 4 Part 1

CERTIFICATE OF ANALYSIS

VAN09005956.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|---------|------------|-------|-------|------|------|------|-----|------|------|------|------|------|------|-----|------|-----|-----|------|------|------|----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | 0.1 | |
| 036166 | Drill Core | 1.58 | 0.04 | 0.3 | 0.9 | 5.2 | 32 | 25.2 | 0.4 | 0.8 | 17 | 0.52 | 20.0 | 0.3 | 33.5 | 2.0 | 26 | <0.1 | 2.3 | 0.1 | <2 |
| 036167 | Rock | 0.66 | <0.01 | 0.3 | 46.7 | 4.5 | 50 | 0.1 | 33.2 | 10.3 | 218 | 2.29 | 0.7 | 0.7 | 2.8 | 2.6 | 58 | 0.1 | <0.1 | <0.1 | 99 |
| 036168 | Drill Core | 3.01 | 0.03 | 0.4 | 1.3 | 5.4 | 17 | 1.2 | 0.6 | 0.8 | 40 | 0.62 | 27.8 | 0.2 | 20.8 | 0.8 | 42 | <0.1 | 2.6 | 0.1 | <2 |
| 036169 | Drill Core | 3.28 | 0.03 | 0.3 | 1.7 | 9.1 | 20 | 2.0 | 0.6 | 0.5 | 36 | 1.31 | 25.1 | 0.1 | 19.8 | 0.5 | 46 | <0.1 | 8.2 | 0.2 | <2 |
| 036170 | Drill Core | 2.53 | 0.01 | 0.3 | 1.1 | 11.0 | 56 | 0.4 | 0.7 | 0.9 | 183 | 0.71 | 5.1 | 0.2 | 9.0 | 1.2 | 174 | 0.3 | 1.5 | 0.1 | 6 |
| 036171 | Drill Core | 3.73 | <0.01 | <0.1 | 0.7 | 11.4 | 59 | 0.2 | 0.8 | 0.9 | 297 | 1.06 | 1.7 | 0.3 | 1.3 | 1.8 | 232 | 0.1 | 0.5 | <0.1 | 10 |
| 036172 | Drill Core | 3.97 | <0.01 | <0.1 | 0.8 | 9.6 | 50 | <0.1 | 0.9 | 0.8 | 262 | 0.80 | 1.7 | 0.5 | 1.5 | 1.6 | 180 | 0.1 | 0.2 | <0.1 | 9 |
| 036173 | Drill Core | 4.53 | <0.01 | <0.1 | 1.2 | 11.4 | 68 | 0.1 | 1.0 | 0.8 | 262 | 0.78 | 1.2 | 0.2 | 5.1 | 1.7 | 160 | 0.3 | 0.1 | 0.2 | 9 |
| 036174 | Drill Core | 4.56 | 0.03 | 0.2 | 2.4 | 16.8 | 86 | 0.2 | 0.9 | 0.8 | 284 | 0.80 | 1.9 | 0.4 | 8.6 | 2.3 | 142 | 0.5 | 0.2 | 0.2 | 10 |



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Project: Rosetta Stone
 Report Date: December 17, 2009

Page: 4 of 4 Part 2

CERTIFICATE OF ANALYSIS

VAN09005956.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|---------|------------|-------|-------|-----|------|------|-------|--------|------|-------|-------|------|------|-------|------|------|-------|-----|------|
| Analyte | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
| Unit | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| MDL | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 1 | 0.5 | |
| 036166 | Drill Core | 0.03 | 0.007 | 8 | 3 | 0.01 | 11 | <0.001 | <20 | 0.24 | 0.004 | 0.04 | <0.1 | 0.22 | <0.1 | <0.1 | 0.48 | 1 | 3.3 |
| 036167 | Rock | 0.91 | 0.224 | 34 | 32 | 0.92 | 193 | 0.217 | <20 | 0.98 | 0.068 | 0.75 | <0.1 | <0.01 | 1.8 | 0.2 | <0.05 | 5 | <0.5 |
| 036168 | Drill Core | 0.17 | 0.005 | 4 | 10 | 0.06 | 10 | <0.001 | <20 | 0.16 | 0.003 | 0.03 | <0.1 | 0.13 | 0.1 | <0.1 | 0.53 | <1 | 2.9 |
| 036169 | Drill Core | 0.14 | 0.002 | 3 | 7 | 0.05 | 10 | <0.001 | <20 | 0.14 | 0.005 | 0.04 | 0.2 | 0.09 | 0.1 | 0.1 | 1.34 | 1 | 6.0 |
| 036170 | Drill Core | 1.33 | 0.013 | 6 | 1 | 0.38 | 16 | <0.001 | <20 | 0.38 | 0.005 | 0.03 | 0.2 | 0.09 | 0.7 | <0.1 | 0.26 | 1 | 2.0 |
| 036171 | Drill Core | 2.14 | 0.024 | 10 | 2 | 0.67 | 18 | <0.001 | <20 | 0.43 | 0.007 | 0.03 | <0.1 | 0.16 | 0.8 | <0.1 | 0.21 | 2 | 0.7 |
| 036172 | Drill Core | 1.13 | 0.026 | 10 | 3 | 0.17 | 39 | 0.003 | <20 | 0.23 | 0.066 | 0.06 | <0.1 | 0.05 | 0.6 | <0.1 | 0.17 | 2 | <0.5 |
| 036173 | Drill Core | 1.15 | 0.024 | 9 | 4 | 0.18 | 38 | 0.002 | <20 | 0.19 | 0.064 | 0.06 | <0.1 | <0.01 | 0.5 | <0.1 | 0.16 | 1 | 0.7 |
| 036174 | Drill Core | 1.12 | 0.023 | 9 | 4 | 0.17 | 29 | 0.005 | <20 | 0.22 | 0.069 | 0.06 | <0.1 | <0.01 | 0.7 | <0.1 | 0.18 | 2 | 1.0 |



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Project: Rosetta Stone
Report Date: December 17, 2009

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

VAN09005956.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|------|-------|------|-----|-----|-------|-------|------|-------|------|-----|------|-----|-----|------|-----|------|-----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 036105 | Drill Core | 3.80 | <0.01 | 4.7 | 3.0 | 9.0 | 48 | 0.1 | 1.7 | 1.0 | 293 | 0.87 | <0.5 | 0.5 | 2.7 | 2.3 | 179 | 0.3 | 0.2 | 0.2 | 9 |
| REP 036105 | QC | | | 5.1 | 2.8 | 9.0 | 50 | 0.1 | 1.8 | 1.0 | 300 | 0.89 | 0.6 | 0.4 | 1.2 | 2.4 | 184 | 0.3 | 0.2 | 0.2 | 9 |
| 036111 | Drill Core | 4.50 | <0.01 | <0.1 | 1.0 | 6.7 | 34 | 0.2 | 0.9 | 0.8 | 197 | 0.89 | <0.5 | 0.3 | <0.5 | 2.3 | 110 | <0.1 | 1.1 | <0.1 | 5 |
| REP 036111 | QC | | <0.01 | | | | | | | | | | | | | | | | | | |
| 036146 | Drill Core | 2.39 | 0.03 | 0.3 | 2.0 | 18.3 | 88 | 0.5 | 1.0 | 1.3 | 258 | 1.10 | 8.2 | 0.7 | 29.2 | 5.5 | 141 | 0.4 | 1.1 | 0.4 | 7 |
| REP 036146 | QC | | 0.03 | | | | | | | | | | | | | | | | | | |
| 036150 | Drill Core | 3.94 | 0.03 | 0.2 | 1.1 | 8.6 | 75 | 0.3 | 0.8 | 1.3 | 279 | 1.24 | 6.1 | 0.7 | 15.8 | 5.6 | 128 | 0.2 | 2.1 | <0.1 | 6 |
| REP 036150 | QC | | | 0.2 | 1.0 | 8.8 | 76 | 0.3 | 0.9 | 1.4 | 276 | 1.24 | 5.9 | 0.7 | 15.6 | 5.5 | 126 | 0.1 | 2.0 | <0.1 | 6 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 036157 | Drill Core | 4.09 | 0.05 | <0.1 | 1.0 | 36.2 | 75 | 0.6 | 0.7 | 1.2 | 167 | 1.04 | 20.2 | 1.0 | 32.1 | 4.2 | 81 | 0.2 | 3.8 | <0.1 | 5 |
| DUP 036157 | QC | | 0.04 | <0.1 | 1.3 | 9.2 | 65 | 0.7 | 0.6 | 1.3 | 159 | 1.03 | 19.8 | 0.7 | 27.2 | 4.2 | 77 | 0.2 | 3.6 | 0.1 | 5 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS7 | Standard | | | 22.5 | 96.0 | 62.7 | 401 | 1.0 | 60.7 | 9.8 | 649 | 2.44 | 52.4 | 4.3 | 56.4 | 4.4 | 67 | 5.9 | 5.1 | 4.1 | 85 |
| STD DS7 | Standard | | | 20.3 | 104.4 | 70.7 | 389 | 0.8 | 53.6 | 8.7 | 628 | 2.41 | 50.3 | 4.9 | 51.2 | 4.9 | 82 | 6.5 | 6.4 | 4.9 | 83 |
| STD DS7 | Standard | | | 22.2 | 113.9 | 74.2 | 397 | 0.8 | 57.1 | 9.1 | 604 | 2.36 | 48.7 | 5.3 | 50.8 | 5.2 | 79 | 7.0 | 6.3 | 5.1 | 83 |
| STD DS7 | Standard | | | 18.2 | 97.7 | 63.3 | 379 | 0.7 | 50.6 | 8.7 | 579 | 2.29 | 48.2 | 4.6 | 53.8 | 4.3 | 72 | 5.7 | 4.6 | 4.5 | 79 |
| STD DS7 | Standard | | | 20.5 | 106.5 | 64.3 | 371 | 0.7 | 57.1 | 9.5 | 568 | 2.24 | 43.4 | 4.7 | 53.6 | 4.4 | 70 | 5.8 | 5.3 | 4.2 | 77 |
| STD DS7 | Standard | | | 17.9 | 98.2 | 58.2 | 366 | 0.7 | 52.3 | 8.2 | 577 | 2.18 | 48.9 | 3.9 | 55.6 | 3.8 | 68 | 5.6 | 5.7 | 4.3 | 74 |
| STD OREAS45PA | Standard | | | 1.5 | 639.1 | 17.3 | 117 | 0.3 | 316.6 | 115.2 | 1152 | 17.52 | 4.2 | 1.0 | 45.2 | 5.9 | 12 | <0.1 | 0.3 | 0.2 | 226 |
| STD OREAS45PA | Standard | | | 1.3 | 590.8 | 20.3 | 121 | 0.4 | 306.0 | 107.2 | 1102 | 17.15 | 4.5 | 1.3 | 44.2 | 6.9 | 16 | <0.1 | 0.4 | 0.2 | 223 |
| STD OREAS45PA | Standard | | | 0.9 | 516.5 | 16.8 | 98 | 0.2 | 269.3 | 95.5 | 874 | 14.64 | 3.1 | 1.0 | 33.4 | 5.9 | 11 | <0.1 | 0.3 | 0.2 | 180 |
| STD OREAS45PA | Standard | | | 0.9 | 486.3 | 16.2 | 101 | 0.2 | 245.8 | 89.8 | 905 | 14.15 | 3.4 | 1.0 | 31.2 | 5.6 | 12 | <0.1 | 0.2 | 0.1 | 177 |
| STD OREAS45PA | Standard | | | 1.3 | 584.2 | 18.5 | 119 | 0.3 | 303.3 | 112.9 | 1113 | 16.70 | 4.0 | 1.2 | 37.4 | 6.4 | 14 | 0.1 | 0.3 | 0.2 | 222 |
| STD OREAS45PA | Standard | | | 1.2 | 581.3 | 17.8 | 120 | 0.3 | 290.7 | 106.6 | 1099 | 15.87 | 4.7 | 1.1 | 41.8 | 6.1 | 15 | 0.1 | 0.5 | 0.2 | 215 |
| STD OXH55 | Standard | | 1.39 | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | 1.34 | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | 1.23 | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | 1.29 | | | | | | | | | | | | | | | | | | |

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.



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Project: Rosetta Stone
Report Date: December 17, 2009

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

VAN09005956.1

| Method | | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | | |
|------------------------|------------|------|-------|-----|------|------|-----|--------|-----|------|--------|------|------|------|------|------|-------|-----|------|--|
| Analyte | | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
| Unit | | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| MDL | | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | |
| 036105 | Drill Core | 1.42 | 0.021 | 11 | 6 | 0.13 | 34 | 0.002 | <20 | 0.18 | 0.064 | 0.05 | <0.1 | 0.02 | 0.7 | <0.1 | 0.44 | 1 | 0.8 | |
| REP 036105 | QC | 1.47 | 0.022 | 11 | 6 | 0.13 | 35 | 0.003 | <20 | 0.19 | 0.063 | 0.06 | <0.1 | 0.01 | 0.7 | <0.1 | 0.43 | 1 | <0.5 | |
| 036111 | Drill Core | 0.99 | 0.022 | 10 | 4 | 0.13 | 19 | 0.002 | <20 | 0.18 | 0.032 | 0.05 | 0.1 | 0.17 | 0.6 | <0.1 | 0.50 | 1 | 0.9 | |
| REP 036111 | QC | | | | | | | | | | | | | | | | | | | |
| 036146 | Drill Core | 1.29 | 0.024 | 21 | 2 | 0.31 | 16 | <0.001 | <20 | 0.24 | 0.024 | 0.05 | <0.1 | 0.04 | 0.6 | <0.1 | 0.48 | 1 | 1.7 | |
| REP 036146 | QC | | | | | | | | | | | | | | | | | | | |
| 036150 | Drill Core | 1.41 | 0.023 | 21 | 2 | 0.24 | 21 | 0.001 | <20 | 0.34 | 0.018 | 0.06 | <0.1 | 0.09 | 0.6 | <0.1 | 0.47 | 2 | 2.4 | |
| REP 036150 | QC | 1.42 | 0.023 | 22 | 2 | 0.24 | 22 | 0.001 | <20 | 0.35 | 0.017 | 0.06 | <0.1 | 0.08 | 0.7 | <0.1 | 0.47 | 2 | 2.5 | |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | |
| 036157 | Drill Core | 0.54 | 0.021 | 18 | <1 | 0.18 | 19 | <0.001 | <20 | 0.32 | 0.022 | 0.05 | 0.1 | 0.45 | 0.5 | <0.1 | 0.61 | 2 | 5.3 | |
| DUP 036157 | QC | 0.47 | 0.022 | 18 | 1 | 0.17 | 16 | <0.001 | <20 | 0.29 | 0.024 | 0.04 | 0.1 | 0.43 | 0.5 | <0.1 | 0.62 | 1 | 6.1 | |
| Reference Materials | | | | | | | | | | | | | | | | | | | | |
| STD DS7 | Standard | 1.02 | 0.080 | 13 | 256 | 1.05 | 424 | 0.118 | 34 | 1.07 | 0.106 | 0.47 | 4.1 | 0.21 | 2.0 | 4.3 | 0.20 | 5 | 4.0 | |
| STD DS7 | Standard | 0.99 | 0.075 | 14 | 207 | 1.02 | 407 | 0.144 | 42 | 1.05 | 0.100 | 0.43 | 3.8 | 0.18 | 2.4 | 4.1 | 0.20 | 5 | 3.9 | |
| STD DS7 | Standard | 1.00 | 0.073 | 14 | 211 | 1.01 | 386 | 0.143 | 27 | 1.03 | 0.097 | 0.42 | 3.7 | 0.18 | 2.4 | 4.1 | 0.20 | 5 | 3.1 | |
| STD DS7 | Standard | 0.89 | 0.074 | 12 | 189 | 0.97 | 385 | 0.118 | 34 | 0.94 | 0.085 | 0.43 | 3.5 | 0.16 | 2.3 | 3.8 | 0.19 | 5 | 3.2 | |
| STD DS7 | Standard | 0.93 | 0.074 | 13 | 210 | 0.96 | 352 | 0.126 | 30 | 0.99 | 0.098 | 0.38 | 3.5 | 0.18 | 2.4 | 3.9 | 0.19 | 5 | 3.1 | |
| STD DS7 | Standard | 0.87 | 0.072 | 11 | 188 | 0.93 | 374 | 0.114 | 27 | 0.92 | 0.087 | 0.38 | 3.1 | 0.17 | 2.3 | 3.5 | 0.18 | 4 | 3.0 | |
| STD OREAS45PA | Standard | 0.24 | 0.033 | 15 | 1048 | 0.08 | 189 | 0.120 | <20 | 3.64 | 0.013 | 0.08 | <0.1 | 0.03 | 34.2 | <0.1 | <0.05 | 18 | 1.3 | |
| STD OREAS45PA | Standard | 0.23 | 0.035 | 17 | 767 | 0.13 | 184 | 0.162 | <20 | 3.49 | 0.004 | 0.08 | <0.1 | 0.02 | 45.6 | <0.1 | <0.05 | 18 | <0.5 | |
| STD OREAS45PA | Standard | 0.19 | 0.031 | 14 | 660 | 0.13 | 157 | 0.138 | <20 | 2.73 | 0.015 | 0.07 | <0.1 | 0.02 | 38.3 | <0.1 | <0.05 | 13 | <0.5 | |
| STD OREAS45PA | Standard | 0.19 | 0.029 | 14 | 639 | 0.09 | 157 | 0.119 | 21 | 2.59 | 0.013 | 0.06 | <0.1 | 0.03 | 33.5 | <0.1 | <0.05 | 14 | <0.5 | |
| STD OREAS45PA | Standard | 0.24 | 0.033 | 16 | 873 | 0.10 | 178 | 0.152 | <20 | 3.44 | <0.001 | 0.07 | <0.1 | 0.03 | 42.7 | <0.1 | <0.05 | 17 | 0.6 | |
| STD OREAS45PA | Standard | 0.24 | 0.037 | 15 | 806 | 0.11 | 187 | 0.134 | <20 | 3.24 | 0.005 | 0.07 | <0.1 | 0.03 | 43.5 | <0.1 | <0.05 | 16 | 0.8 | |
| STD OXH55 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | | | | | | | | | | | | | | | | | | |

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Project: Rosetta Stone
 Report Date: December 17, 2009

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

VAN09005956.1

| | | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|------|------|------|-----|------|------|------|------|--------|------|------|------|------|-----|------|------|------|-----|
| | | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V |
| | | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm |
| | | 0.01 | 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 | 0.1 |
| STD OXH55 | Standard | | 1.24 | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.75 | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.72 | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.51 | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.52 | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.43 | | | | | | | | | | | | | | | | | | |
| STD OXH55 Expected | | | 1.282 | | | | | | | | | | | | | | | | | | |
| STD OXK69 Expected | | | 3.583 | | | | | | | | | | | | | | | | | | |
| STD DS7 Expected | | | | 20.5 | 109 | 70.6 | 411 | 0.9 | 56 | 9.7 | 627 | 2.39 | 48.2 | 4.9 | 70 | 4.4 | 69 | 6.4 | 4.6 | 4.5 | 84 |
| STD OREAS45PA Expected | | | | 0.9 | 600 | 19 | 119 | 0.3 | 281 | 104 | 1130 | 16.559 | 4.2 | 1.2 | 43 | 6 | 14 | 0.09 | 0.13 | 0.18 | 221 |
| BLK | Blank | | <0.01 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <0.01 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <0.01 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <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 |
| BLK | Blank | | <0.01 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <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 |
| BLK | Blank | | <0.01 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <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 |
| BLK | Blank | | <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 |
| BLK | Blank | | <0.01 | | | | | | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | <0.01 | <0.01 | 0.3 | 1.8 | 2.0 | 42 | <0.1 | 4.0 | 4.0 | 516 | 1.84 | <0.5 | 1.7 | <0.5 | 3.3 | 42 | <0.1 | 0.2 | <0.1 | 36 |
| G1 | Prep Blank | <0.01 | <0.01 | <0.1 | 1.5 | 2.3 | 45 | <0.1 | 3.8 | 3.8 | 532 | 1.94 | 0.8 | 1.5 | <0.5 | 3.6 | 48 | <0.1 | 0.3 | <0.1 | 39 |

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Project: Rosetta Stone

Report Date: December 17, 2009

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

VAN09005956.1

| | | 1DX Ca % | 1DX P % | 1DX La ppm | 1DX Cr ppm | 1DX Mg % | 1DX Ba ppm | 1DX Ti % | 1DX B ppm | 1DX Al % | 1DX Na % | 1DX K % | 1DX W ppm | 1DX Hg ppm | 1DX Sc ppm | 1DX Ti ppm | 1DX S % | 1DX Ga ppm | 1DX Se ppm | |
|------------------------|------------|----------------|---------------|------------------|------------------|----------------|------------------|----------------|-----------------|----------------|----------------|---------------|-----------------|------------------|------------------|------------------|---------------|------------------|------------------|--|
| | | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | |
| STD OXH55 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXH55 Expected | | | | | | | | | | | | | | | | | | | | |
| STD OXK69 Expected | | | | | | | | | | | | | | | | | | | | |
| STD DS7 Expected | | 0.93 | 0.08 | 12 | 179 | 1.05 | 370 | 0.124 | 39 | 0.959 | 0.089 | 0.44 | 3.4 | 0.2 | 2.5 | 4.2 | 0.19 | 5 | 3.5 | |
| STD OREAS45PA Expected | | 0.2411 | 0.034 | 16.2 | 873 | 0.095 | 187 | 0.124 | | 3.34 | 0.011 | 0.0665 | 0.011 | 0.03 | 43 | 0.07 | 0.03 | 16.8 | 0.54 | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | 0.44 | 0.081 | 5 | 8 | 0.55 | 221 | 0.126 | <20 | 0.82 | 0.041 | 0.50 | <0.1 | <0.01 | 1.6 | 0.3 | <0.05 | 4 | <0.5 | |
| G1 | Prep Blank | 0.48 | 0.084 | 6 | 9 | 0.58 | 241 | 0.138 | <20 | 0.89 | 0.062 | 0.53 | <0.1 | <0.01 | 1.8 | 0.3 | <0.05 | 4 | <0.5 | |

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Submitted By: Email Distribution List
Receiving Lab: Canada-Vancouver
Received: January 07, 2010
Report Date: January 21, 2010
Page: 1 of 4

CERTIFICATE OF ANALYSIS

VAN09005956R.1

CLIENT JOB INFORMATION

Project: Rosetta Stone
Shipment ID:
P.O. Number
Number of Samples: 69

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 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|-----------------|-------------------|---|--------------|---------------|-----|
| M150 | 63 | Crush, Pulverize and Sieve 500g, save +150 and -150 mes | | Completed | VAN |
| Split +150 mesh | 66 | Analysis sample split/packet | | | VAN |
| Split -150 | 66 | Analysis sample split/packet | | | VAN |
| G602 | 66 | Metallics Fire Assay | 30 | Completed | VAN |

ADDITIONAL COMMENTS



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



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Client: **Kootenay Gold Inc.**
Suite 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 Canada

Project: Rosetta Stone
Report Date: January 21, 2010

Page: 2 of 4 Part 1

CERTIFICATE OF ANALYSIS

VAN09005956R.1

| Method | M150 | G6 | G6.ME | G6.ME | G6.ME | |
|------------------------|------------|-------|-------|-------|--------|-------|
| Analyte | TotWt | -Au | +Wt | +Au | TotAu | |
| Unit | g | gm/mt | g | mg | gm/mt | |
| MDL | 1 | 0.01 | 0.01 | 0.005 | 0.01 | |
| 036105 | Drill Core | 478 | <0.01 | 17.89 | <0.005 | <0.01 |
| 036106 | Drill Core | 514 | <0.01 | 21.13 | <0.005 | <0.01 |
| 036107 | Drill Core | 483 | <0.01 | 20.83 | <0.005 | <0.01 |
| 036108 | Drill Core | 503 | <0.01 | 21.07 | <0.005 | <0.01 |
| 036109 | Rock | 510 | <0.01 | 27.71 | <0.005 | <0.01 |
| 036110 | Drill Core | 501 | <0.01 | 28.77 | <0.005 | <0.01 |
| 036111 | Drill Core | 500 | <0.01 | 31.54 | <0.005 | <0.01 |
| 036112 | Drill Core | 474 | 0.05 | 42.34 | <0.005 | 0.04 |
| 036113 | Drill Core | 513 | 0.07 | 32.37 | <0.005 | 0.06 |
| 036114 | Drill Core | 521 | 0.03 | 37.25 | <0.005 | 0.02 |
| 036115 | Rock Pulp | N.A. | 1.16 | I.S. | I.S. | I.S. |
| 036116 | Drill Core | 533 | 0.02 | 27.49 | <0.005 | 0.01 |
| 036117 | Drill Core | 498 | 0.05 | 18.63 | 0.015 | 0.08 |
| 036118 | Drill Core | 530 | 0.09 | 29.13 | <0.005 | 0.09 |
| 036119 | Drill Core | 545 | 0.37 | 29.20 | 0.188 | 0.70 |
| 036120 | Drill Core | 501 | 0.48 | 22.10 | 0.112 | 0.68 |
| 036121 DUP PULP 036120 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. |
| 036122 | Drill Core | 489 | 0.33 | 19.08 | 0.031 | 0.38 |
| 036124 | Drill Core | 482 | <0.01 | 29.40 | <0.005 | <0.01 |
| 036125 | Drill Core | 527 | <0.01 | 31.90 | <0.005 | <0.01 |
| 036126 | Drill Core | 474 | <0.01 | 21.76 | <0.005 | <0.01 |
| 036127 | Rock | 479 | <0.01 | 29.71 | <0.005 | <0.01 |
| 036128 | Drill Core | 473 | 0.12 | 33.01 | <0.005 | 0.11 |
| 036129 | Drill Core | 486 | <0.01 | 28.22 | <0.005 | <0.01 |
| 036130 | Drill Core | 502 | <0.01 | 34.20 | <0.005 | <0.01 |
| 036131 | Drill Core | 468 | <0.01 | 31.70 | <0.005 | <0.01 |
| 036132 | Drill Core | 511 | 0.05 | 32.59 | <0.005 | 0.05 |
| 036133 | Drill Core | 494 | 0.05 | 19.23 | <0.005 | 0.05 |
| 036134 | Drill Core | 512 | 1.06 | 16.55 | 0.454 | 1.91 |
| 036135 | Drill Core | 477 | 0.28 | 16.62 | 0.014 | 0.30 |



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Project: Rosetta Stone
 Report Date: January 21, 2010

Page: 3 of 4 Part 1

CERTIFICATE OF ANALYSIS

VAN09005956R.1

| Method | M150 | G6 | G6.ME | G6.ME | G6.ME | |
|------------------------|------------|-------|-------|-------|--------|-------|
| Analyte | TotWt | -Au | +Wt | +Au | TotAu | |
| Unit | g | gm/mt | g | mg | gm/mt | |
| MDL | 1 | 0.01 | 0.01 | 0.005 | 0.01 | |
| 036136 | Drill Core | 510 | 0.73 | 18.21 | 0.035 | 0.77 |
| 036137 | Rock Pulp | N.A. | 1.07 | I.S. | I.S. | I.S. |
| 036138 | Drill Core | 504 | 0.67 | 20.66 | 0.036 | 0.71 |
| 036139 | Drill Core | 487 | 0.44 | 33.79 | 0.015 | 0.44 |
| 036140 | Drill Core | 498 | 0.10 | 15.63 | <0.005 | 0.10 |
| 036141 | Drill Core | 500 | 0.43 | 24.27 | 0.013 | 0.43 |
| 036142 | Drill Core | 488 | 0.09 | 24.41 | <0.005 | 0.08 |
| 036143 DUP PULP 036142 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. |
| 036144 | Drill Core | 501 | 0.07 | 23.76 | <0.005 | 0.06 |
| 036145 | Drill Core | 476 | 0.07 | 26.52 | <0.005 | 0.06 |
| 036146 | Drill Core | 475 | 0.03 | 24.01 | <0.005 | 0.03 |
| 036147 | Drill Core | 466 | 0.02 | 23.92 | <0.005 | 0.02 |
| 036148 | Drill Core | 461 | 0.02 | 21.38 | <0.005 | 0.02 |
| 036149 | Rock | 460 | <0.01 | 20.20 | <0.005 | <0.01 |
| 036150 | Drill Core | 459 | 0.02 | 24.62 | <0.005 | 0.02 |
| 036151 | Drill Core | 459 | <0.01 | 25.70 | <0.005 | <0.01 |
| 036152 | Drill Core | 475 | 0.02 | 24.18 | <0.005 | 0.02 |
| 036153 | Drill Core | 500 | 0.03 | 22.45 | <0.005 | 0.03 |
| 036154 | Drill Core | 459 | <0.01 | 22.83 | <0.005 | <0.01 |
| 036155 | Rock Pulp | | 1.13 | I.S. | I.S. | I.S. |
| 036156 | Drill Core | 474 | 0.06 | 21.93 | <0.005 | 0.06 |
| 036157 | Drill Core | 501 | 0.05 | 21.80 | <0.005 | 0.05 |
| 036158 | Drill Core | 488 | 0.08 | 20.86 | <0.005 | 0.08 |
| 036159 | Drill Core | 456 | 0.01 | 17.65 | <0.005 | 0.01 |
| 036160 | Drill Core | 467 | 0.08 | 17.56 | <0.005 | 0.07 |
| 036161 DUP PULP 036160 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. |
| 036162 | Drill Core | 478 | 0.08 | 20.40 | <0.005 | 0.08 |
| 036163 | Drill Core | 457 | 0.29 | 21.85 | <0.005 | 0.27 |
| 036164 | Drill Core | 512 | 0.08 | 21.74 | <0.005 | 0.07 |
| 036165 | Drill Core | 500 | 0.03 | 23.08 | <0.005 | 0.03 |



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Project: Rosetta Stone
Report Date: January 21, 2010

Page: 4 of 4 Part 1

CERTIFICATE OF ANALYSIS

VAN09005956R.1

| Method | Analyte | M150 | G6 | G6.ME | G6.ME | G6.ME |
|--------|------------|-------|-------|-------|--------|-------|
| | | TotWt | -Au | +Wt | +Au | TotAu |
| Unit | | g | gm/mt | g | mg | gm/mt |
| MDL | | 1 | 0.01 | 0.01 | 0.005 | 0.01 |
| 036166 | Drill Core | 496 | 0.02 | 18.68 | <0.005 | 0.02 |
| 036167 | Rock | 463 | <0.01 | 20.18 | <0.005 | <0.01 |
| 036168 | Drill Core | 342 | 0.02 | 21.46 | <0.005 | 0.02 |
| 036169 | Drill Core | 487 | 0.01 | 22.97 | <0.005 | 0.01 |
| 036170 | Drill Core | 497 | <0.01 | 17.87 | <0.005 | <0.01 |
| 036171 | Drill Core | 471 | <0.01 | 19.37 | <0.005 | <0.01 |
| 036172 | Drill Core | 516 | <0.01 | 16.48 | <0.005 | <0.01 |
| 036173 | Drill Core | 487 | <0.01 | 19.47 | <0.005 | <0.01 |
| 036174 | Drill Core | 489 | <0.01 | 20.59 | <0.005 | <0.01 |



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Project: Rosetta Stone

Report Date: January 21, 2010

Page: 1 of 2 **Part** 1

QUALITY CONTROL REPORT

VAN09005956R.1

| Method | M150 | G6 | G6.ME | G6.ME | G6.ME |
|---------------------|------------|-------|-------|--------|-------------|
| Analyte | TotWt | -Au | +Wt | +Au | TotAu |
| Unit | g | gm/mt | g | mg | gm/mt |
| MDL | 1 | 0.01 | 0.01 | 0.005 | 0.01 |
| Pulp Duplicates | | | | | |
| 036114 | Drill Core | 521 | 0.03 | 37.25 | <0.005 0.02 |
| REP 036114 | QC | | 0.02 | | |
| 036163 | Drill Core | 457 | 0.29 | 21.85 | <0.005 0.27 |
| REP 036163 | QC | | 0.30 | | |
| Reference Materials | | | | | |
| STD OXH55 | Standard | | 1.25 | | |
| STD OXH55 | Standard | | 1.25 | | |
| STD OXH55 | Standard | | 1.28 | | |
| STD OXH55 | Standard | | 1.24 | | |
| STD OXK69 | Standard | | 3.54 | | |
| STD OXK69 | Standard | | 3.47 | | |
| STD OXK69 | Standard | | 3.50 | | |
| STD OXK69 | Standard | | 3.45 | | |
| STD OXP61 | Standard | | 30.01 | 0.453 | |
| STD OXP61 | Standard | | 30.00 | 0.454 | |
| STD OXP61 | Standard | | 30.01 | 0.443 | |
| STD OXP61 | Standard | | 30.00 | 0.448 | |
| STD OXP61 | Standard | | 30.01 | 0.456 | |
| STD OXP61 | Standard | | 30.02 | 0.449 | |
| STD OXP61 | Standard | | 30.00 | 0.446 | |
| BLK | Blank | | <0.01 | | |
| BLK | Blank | | <0.01 | | |
| BLK | Blank | | 30.00 | <0.005 | |
| BLK | Blank | | 30.00 | <0.005 | |
| BLK | Blank | | <0.01 | | |
| BLK | Blank | | <0.01 | | |
| BLK | Blank | | <0.01 | | |
| BLK | Blank | | <0.01 | | |



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Project: Rosetta Stone

Report Date: January 21, 2010

Page: 2 of 2 **Part** 1

QUALITY CONTROL REPORT

VAN09005956R.1

| | | M150 | G6 | G6.ME | G6.ME | G6.ME |
|-----------|------------|-------|-------|-------|--------|-------|
| | | TotWt | -Au | +Wt | +Au | TotAu |
| | | g | gm/mt | g | mg | gm/mt |
| | | 1 | 0.01 | 0.01 | 0.005 | 0.01 |
| BLK | Blank | | | 30.00 | <0.005 | |
| BLK | Blank | | | 30.00 | <0.005 | |
| BLK | Blank | | <0.01 | | | |
| BLK | Blank | | <0.01 | | | |
| BLK | Blank | | | 30.00 | <0.005 | |
| BLK | Blank | | | 30.00 | <0.005 | |
| BLK | Blank | | | 30.00 | <0.005 | |
| Prep Wash | | | | | | |
| G1 | Prep Blank | 510 | <0.01 | 31.13 | <0.005 | <0.01 |
| G1 | Prep Blank | 496 | <0.01 | 24.46 | <0.005 | <0.01 |



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Client: **Kootenay Gold Inc.**
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Vancouver BC V6E 2E9 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Vancouver
Received: December 01, 2009
Report Date: December 21, 2009
Page: 1 of 4

CERTIFICATE OF ANALYSIS

VAN09005988.1

CLIENT JOB INFORMATION

Project: Rosetta Stone
Shipment ID:
P.O. Number
Number of Samples: 85

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 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| R200-250 | 76 | Crush split and pulverize 250g drill core to 200 mesh | | | VAN |
| G6 | 85 | Fire assay fusion Au by ICP-ES | 30 | Completed | VAN |
| 1DX | 85 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 0.5 | Completed | VAN |

ADDITIONAL COMMENTS



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



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Project: Rosetta Stone
 Report Date: December 21, 2009

Page: 2 of 4 Part 1

CERTIFICATE OF ANALYSIS

VAN09005988.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|------|------|------|-----|------|------|-----|------|------|-------|-----|-------|-----|-----|------|------|------|----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | 0.1 | |
| 036175 | Drill Core | 2.77 | <0.01 | <0.1 | 0.9 | 6.5 | 46 | <0.1 | 0.6 | 0.6 | 190 | 0.64 | 0.6 | 0.5 | 2.5 | 1.9 | 186 | 0.1 | 0.8 | 0.1 | 8 |
| 036176 | Drill Core | 2.93 | 0.05 | 0.1 | 0.8 | 11.0 | 39 | 0.4 | 0.6 | 0.5 | 160 | 0.59 | 9.7 | 0.6 | 30.9 | 1.1 | 111 | 0.3 | 1.7 | 0.5 | 4 |
| 036177 | Rock Pulp | 0.10 | 1.07 | 11.9 | 61.9 | 88.5 | 3 | 1.7 | 8.0 | 2.8 | 72 | 4.20 | 120.3 | 0.2 | 1118 | 0.4 | 7 | <0.1 | 17.4 | 94.3 | 21 |
| 036178 | Drill Core | 1.80 | 0.13 | 1.7 | 0.9 | 9.3 | 40 | 0.4 | 0.6 | 0.5 | 109 | 0.58 | 7.4 | 1.0 | 143.3 | 1.9 | 45 | 0.2 | 0.7 | <0.1 | 4 |
| 036179 | Drill Core | 1.70 | 0.28 | 0.2 | 1.1 | 8.4 | 58 | 0.4 | 0.6 | 0.6 | 89 | 0.55 | 5.8 | 0.3 | 230.5 | 0.9 | 44 | 0.3 | 1.1 | 0.2 | 3 |
| 036180 | Drill Core | 2.25 | 0.05 | 0.3 | 1.2 | 10.2 | 50 | 0.2 | 0.6 | 0.7 | 104 | 0.63 | 3.0 | 0.4 | 76.1 | 1.5 | 54 | 0.2 | 1.1 | 0.2 | 5 |
| 036181 | Drill Core | 3.71 | 0.04 | 0.1 | 1.4 | 39.9 | 67 | 0.6 | 0.5 | 0.5 | 153 | 0.54 | 2.5 | 0.7 | 23.9 | 1.8 | 76 | 0.4 | 0.7 | 0.8 | 4 |
| 036182 | Drill Core | 2.87 | 0.07 | <0.1 | 0.6 | 21.8 | 65 | 0.2 | 0.5 | 0.5 | 205 | 0.58 | 3.4 | 0.9 | 20.9 | 1.8 | 78 | 0.4 | 0.3 | 0.2 | 4 |
| 036183 DUP PULP 036182 | Drill Core | | 0.04 | <0.1 | 0.6 | 21.9 | 62 | 0.2 | 0.6 | 0.5 | 204 | 0.58 | 3.3 | 0.9 | 19.8 | 1.6 | 78 | 0.4 | 0.4 | 0.2 | 4 |
| 036184 | Drill Core | 2.29 | 0.33 | 0.1 | 0.7 | 50.7 | 72 | 1.3 | 0.7 | 0.5 | 88 | 0.52 | 6.4 | 0.6 | 195.8 | 1.4 | 28 | 0.5 | 1.4 | 0.8 | 2 |
| 036185 | Drill Core | 2.82 | 0.33 | 0.1 | 2.4 | 9.7 | 50 | 1.0 | 0.6 | 0.7 | 97 | 0.80 | 7.9 | 0.9 | 82.3 | 2.3 | 23 | 0.1 | 4.0 | 0.4 | 3 |
| 036186 | Drill Core | 2.40 | 0.06 | 2.9 | 3.7 | 13.0 | 58 | 2.4 | 3.1 | 1.7 | 107 | 0.76 | 2.9 | 0.7 | 55.5 | 2.6 | 24 | 0.3 | 2.3 | <0.1 | 6 |
| 036187 | Drill Core | 3.36 | 0.01 | 9.2 | 58.9 | 14.3 | 122 | 0.7 | 52.4 | 8.8 | 903 | 2.13 | <0.5 | 1.1 | 8.2 | 4.3 | 330 | 0.5 | 9.4 | 0.4 | 40 |
| 036188 | Drill Core | 3.34 | <0.01 | 6.1 | 74.3 | 11.6 | 113 | 0.5 | 57.1 | 9.5 | 1008 | 2.01 | <0.5 | 1.5 | 4.5 | 5.7 | 308 | 0.3 | 3.1 | 0.3 | 43 |
| 036189 | Rock | 1.11 | <0.01 | 0.5 | 32.8 | 3.1 | 42 | <0.1 | 27.3 | 8.3 | 178 | 2.09 | 0.6 | 0.7 | 3.2 | 3.0 | 56 | <0.1 | 0.2 | <0.1 | 92 |
| 036190 | Drill Core | 4.81 | <0.01 | 1.9 | 45.1 | 23.9 | 154 | 0.6 | 51.2 | 8.7 | 1560 | 2.05 | <0.5 | 1.4 | 1.2 | 5.6 | 278 | 1.3 | 1.9 | 0.5 | 36 |
| 036191 | Drill Core | 4.34 | <0.01 | <0.1 | 0.7 | 6.3 | 50 | 0.1 | 0.7 | 0.9 | 203 | 0.76 | 1.3 | 0.7 | 1.3 | 2.4 | 186 | 0.4 | 0.4 | 0.1 | 9 |
| 036192 | Drill Core | 2.67 | <0.01 | <0.1 | 0.8 | 4.8 | 44 | <0.1 | 0.9 | 0.9 | 197 | 0.72 | 1.0 | 0.7 | 1.1 | 2.2 | 162 | 0.1 | 0.5 | <0.1 | 9 |
| 036193 | Drill Core | 2.83 | 0.02 | 0.2 | 1.0 | 6.8 | 41 | 0.4 | 0.8 | 0.9 | 170 | 0.74 | 4.1 | 0.7 | 8.9 | 2.5 | 64 | <0.1 | 1.8 | <0.1 | 6 |
| 036194 | Drill Core | 2.58 | 0.14 | 1.0 | 1.3 | 4.8 | 36 | 0.2 | 0.7 | 0.8 | 156 | 0.77 | 5.2 | 0.7 | 91.6 | 2.2 | 69 | <0.1 | 0.9 | <0.1 | 7 |
| 036195 | Rock Pulp | 0.10 | 1.04 | 11.8 | 60.2 | 87.5 | 2 | 1.7 | 8.6 | 2.8 | 72 | 4.19 | 120.9 | 0.2 | 1230 | 0.4 | 7 | <0.1 | 17.3 | 95.9 | 21 |
| 036196 | Drill Core | 2.29 | 0.96 | 1.3 | 0.8 | 3.8 | 27 | 1.0 | 0.6 | 0.6 | 79 | 0.56 | 11.8 | 0.5 | 537.7 | 1.6 | 35 | <0.1 | 0.7 | <0.1 | 3 |
| 036197 | Drill Core | 1.90 | 0.80 | 0.4 | 1.1 | 8.0 | 54 | 1.3 | 0.6 | 0.7 | 65 | 0.62 | 20.1 | 0.4 | 402.4 | 1.3 | 56 | 0.3 | 1.5 | 0.6 | 3 |
| 036198 | Drill Core | 1.96 | 0.20 | 0.2 | 0.8 | 7.8 | 78 | 0.3 | 0.6 | 0.5 | 139 | 0.61 | 5.4 | 0.4 | 81.0 | 1.3 | 86 | 0.6 | 0.6 | 0.2 | 5 |
| 036199 | Drill Core | 2.09 | 0.37 | <0.1 | 0.8 | 7.6 | 148 | 1.3 | 0.5 | 0.5 | 81 | 0.50 | 4.6 | 0.4 | 998.7 | 1.4 | 43 | 2.2 | 1.0 | 0.3 | 3 |
| 036200 | Drill Core | 2.54 | 0.19 | <0.1 | 0.7 | 6.2 | 38 | 0.4 | 0.6 | 0.5 | 86 | 0.56 | 7.4 | 0.3 | 90.9 | 1.2 | 42 | 0.2 | 1.4 | 0.2 | 3 |
| 036201 DUP PULP 036200 | Drill Core | | 0.16 | 0.2 | 1.1 | 6.1 | 37 | 0.3 | 0.9 | 0.5 | 94 | 0.60 | 6.8 | 0.3 | 85.4 | 1.2 | 47 | 0.2 | 1.1 | 0.2 | 4 |
| 036202 | Drill Core | 3.01 | 0.05 | 0.2 | 1.2 | 8.5 | 48 | 0.2 | 0.5 | 0.7 | 135 | 0.62 | 2.5 | 0.2 | 52.6 | 1.3 | 58 | 0.4 | 0.6 | 0.2 | 5 |
| 036203 | Drill Core | 3.86 | 0.01 | 0.1 | 1.2 | 9.0 | 54 | 0.1 | 0.9 | 0.6 | 175 | 0.63 | 1.1 | 0.2 | 9.8 | 1.4 | 92 | 0.4 | 1.0 | 0.3 | 5 |
| 036204 | Drill Core | 4.51 | <0.01 | <0.1 | 0.7 | 12.0 | 42 | 0.2 | 0.5 | 0.6 | 185 | 0.61 | 1.5 | 0.2 | 6.7 | 1.2 | 121 | 0.3 | 0.3 | 0.4 | 5 |

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.



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Project: Rosetta Stone
 Report Date: December 21, 2009

Page: 2 of 4 Part 2

CERTIFICATE OF ANALYSIS

VAN09005988.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|-----|------|-------|-------|--------|------|-------|-------|------|------|-------|------|------|-------|-----|------|
| Analyte | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
| Unit | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| MDL | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 1 | 0.5 | |
| 036175 | Drill Core | 0.89 | 0.018 | 8 | 3 | 0.12 | 24 | 0.005 | <20 | 0.17 | 0.047 | 0.06 | 0.1 | 0.02 | 0.5 | <0.1 | 0.15 | 2 | 0.7 |
| 036176 | Drill Core | 0.53 | 0.012 | 5 | 3 | 0.11 | 23 | <0.001 | <20 | 0.16 | 0.045 | 0.06 | <0.1 | 0.02 | 0.3 | <0.1 | 0.28 | <1 | 2.0 |
| 036177 | Rock Pulp | <0.01 | 0.005 | <1 | 22 | <0.01 | 281 | 0.005 | <20 | 0.12 | 0.005 | 0.01 | 0.3 | 0.17 | 0.4 | 0.3 | 0.09 | 2 | 16.3 |
| 036178 | Drill Core | 0.12 | 0.012 | 4 | 4 | 0.09 | 20 | <0.001 | <20 | 0.14 | 0.044 | 0.05 | 0.2 | 0.06 | 0.2 | <0.1 | 0.27 | <1 | 1.2 |
| 036179 | Drill Core | 0.08 | 0.012 | 2 | 3 | 0.06 | 12 | <0.001 | <20 | 0.20 | 0.026 | 0.04 | <0.1 | 0.03 | 0.2 | <0.1 | 0.29 | 1 | 1.6 |
| 036180 | Drill Core | 0.27 | 0.014 | 5 | 2 | 0.05 | 20 | <0.001 | <20 | 0.17 | 0.051 | 0.05 | 0.5 | 0.04 | 0.4 | <0.1 | 0.24 | <1 | 1.1 |
| 036181 | Drill Core | 0.51 | 0.012 | 4 | 4 | 0.05 | 24 | 0.002 | <20 | 0.21 | 0.053 | 0.08 | 0.1 | 0.05 | 0.3 | <0.1 | 0.19 | 1 | 2.1 |
| 036182 | Drill Core | 0.58 | 0.013 | 5 | 4 | 0.08 | 28 | 0.002 | <20 | 0.19 | 0.053 | 0.08 | <0.1 | 0.11 | 0.3 | <0.1 | 0.22 | 1 | 1.9 |
| 036183 DUP PULP 036182 | Drill Core | 0.58 | 0.014 | 5 | 3 | 0.08 | 26 | 0.001 | <20 | 0.19 | 0.053 | 0.08 | <0.1 | 0.11 | 0.3 | <0.1 | 0.22 | 1 | 1.3 |
| 036184 | Drill Core | 0.07 | 0.010 | 4 | 5 | 0.04 | 20 | <0.001 | <20 | 0.18 | 0.040 | 0.07 | <0.1 | 0.18 | 0.2 | <0.1 | 0.26 | 1 | 4.2 |
| 036185 | Drill Core | 0.05 | 0.013 | 8 | 1 | 0.06 | 13 | <0.001 | <20 | 0.28 | 0.010 | 0.03 | <0.1 | 0.23 | 0.3 | <0.1 | 0.54 | 1 | 3.9 |
| 036186 | Drill Core | 0.07 | 0.016 | 9 | 4 | 0.12 | 13 | <0.001 | <20 | 0.34 | 0.002 | 0.04 | <0.1 | 0.16 | 0.6 | <0.1 | 0.24 | 1 | 3.1 |
| 036187 | Drill Core | 2.14 | 0.064 | 15 | 23 | 0.90 | 51 | 0.003 | <20 | 0.57 | 0.013 | 0.17 | 0.2 | 0.03 | 5.3 | 0.2 | 0.40 | 2 | 3.2 |
| 036188 | Drill Core | 2.54 | 0.053 | 17 | 33 | 1.20 | 125 | 0.025 | <20 | 0.84 | 0.013 | 0.38 | 0.2 | <0.01 | 5.6 | 0.2 | 0.50 | 4 | 2.9 |
| 036189 | Rock | 0.85 | 0.218 | 31 | 27 | 0.82 | 180 | 0.194 | <20 | 0.86 | 0.079 | 0.68 | <0.1 | <0.01 | 1.7 | 0.2 | <0.05 | 4 | <0.5 |
| 036190 | Drill Core | 4.07 | 0.057 | 19 | 33 | 1.44 | 234 | 0.044 | <20 | 1.09 | 0.019 | 0.59 | 0.1 | <0.01 | 3.8 | 0.3 | 0.39 | 4 | 2.3 |
| 036191 | Drill Core | 0.99 | 0.021 | 11 | 3 | 0.13 | 35 | 0.010 | <20 | 0.28 | 0.061 | 0.07 | <0.1 | <0.01 | 0.6 | <0.1 | 0.21 | 2 | <0.5 |
| 036192 | Drill Core | 0.92 | 0.021 | 10 | 4 | 0.13 | 25 | 0.007 | <20 | 0.22 | 0.045 | 0.06 | 0.1 | 0.01 | 0.6 | <0.1 | 0.18 | 2 | 0.5 |
| 036193 | Drill Core | 0.42 | 0.019 | 11 | 2 | 0.09 | 20 | 0.001 | <20 | 0.21 | 0.035 | 0.05 | <0.1 | 0.14 | 0.4 | <0.1 | 0.34 | 1 | 1.7 |
| 036194 | Drill Core | 0.40 | 0.020 | 11 | 5 | 0.10 | 25 | 0.002 | <20 | 0.16 | 0.051 | 0.06 | <0.1 | 0.05 | 0.4 | <0.1 | 0.36 | 1 | 1.0 |
| 036195 | Rock Pulp | <0.01 | 0.005 | <1 | 22 | <0.01 | 282 | 0.005 | <20 | 0.12 | 0.004 | 0.01 | 0.4 | 0.18 | 0.4 | 0.3 | 0.09 | 2 | 15.5 |
| 036196 | Drill Core | 0.12 | 0.011 | 7 | 3 | 0.06 | 17 | <0.001 | <20 | 0.16 | 0.035 | 0.05 | <0.1 | 0.10 | 0.2 | <0.1 | 0.31 | <1 | 1.5 |
| 036197 | Drill Core | 0.13 | 0.010 | 6 | 4 | 0.06 | 18 | <0.001 | <20 | 0.17 | 0.035 | 0.06 | <0.1 | 0.03 | 0.2 | <0.1 | 0.43 | <1 | 2.6 |
| 036198 | Drill Core | 0.56 | 0.013 | 6 | 3 | 0.10 | 19 | <0.001 | <20 | 0.15 | 0.041 | 0.05 | <0.1 | 0.10 | 0.3 | <0.1 | 0.31 | <1 | 1.3 |
| 036199 | Drill Core | 0.22 | 0.009 | 4 | 3 | 0.07 | 19 | <0.001 | <20 | 0.18 | 0.037 | 0.05 | <0.1 | 0.20 | 0.3 | <0.1 | 0.26 | <1 | 1.4 |
| 036200 | Drill Core | 0.12 | 0.011 | 5 | 3 | 0.08 | 18 | <0.001 | <20 | 0.16 | 0.038 | 0.05 | 0.1 | 0.32 | 0.2 | <0.1 | 0.30 | <1 | 1.4 |
| 036201 DUP PULP 036200 | Drill Core | 0.13 | 0.011 | 5 | 3 | 0.08 | 21 | <0.001 | <20 | 0.17 | 0.042 | 0.05 | 0.1 | 0.31 | 0.3 | <0.1 | 0.30 | <1 | 1.5 |
| 036202 | Drill Core | 0.27 | 0.013 | 6 | 3 | 0.12 | 17 | <0.001 | <20 | 0.16 | 0.034 | 0.04 | 0.6 | 0.21 | 0.5 | <0.1 | 0.23 | <1 | 0.8 |
| 036203 | Drill Core | 0.59 | 0.014 | 6 | 3 | 0.09 | 28 | 0.001 | <20 | 0.16 | 0.056 | 0.06 | <0.1 | 0.19 | 0.4 | <0.1 | 0.24 | <1 | 0.8 |
| 036204 | Drill Core | 0.82 | 0.013 | 6 | 5 | 0.10 | 33 | 0.001 | <20 | 0.16 | 0.064 | 0.07 | <0.1 | 0.11 | 0.4 | <0.1 | 0.26 | <1 | 0.9 |

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.



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Project: Rosetta Stone
 Report Date: December 21, 2009

Page: 3 of 4 Part 1

CERTIFICATE OF ANALYSIS

VAN09005988.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|------|------|------|-----|------|------|-----|------|------|-------|-----|-------|-----|-----|------|------|-------|----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | 0.1 | |
| 036205 | Drill Core | 3.97 | 0.94 | 0.1 | 0.8 | 13.8 | 42 | 5.1 | 1.1 | 0.6 | 190 | 0.72 | 1.5 | 0.3 | 2419 | 1.3 | 112 | 0.2 | 0.5 | 0.7 | 5 |
| 036206 | Drill Core | 4.41 | 0.05 | <0.1 | 0.7 | 11.6 | 45 | 0.1 | 0.7 | 0.6 | 190 | 0.62 | 2.1 | 0.4 | 19.4 | 1.3 | 103 | 0.2 | 0.4 | <0.1 | 5 |
| 036207 | Rock | 0.96 | <0.01 | 0.5 | 32.5 | 3.1 | 43 | <0.1 | 27.9 | 8.4 | 187 | 2.08 | <0.5 | 0.7 | 2.7 | 3.1 | 60 | <0.1 | 0.1 | <0.1 | 88 |
| 036208 | Drill Core | 4.40 | 0.05 | <0.1 | 0.8 | 7.1 | 31 | 0.1 | 0.5 | 0.5 | 152 | 0.59 | 2.7 | 0.5 | 14.4 | 1.4 | 81 | <0.1 | 0.4 | 0.1 | 5 |
| 036209 | Drill Core | 4.61 | 0.53 | <0.1 | 1.0 | 31.9 | 61 | 2.3 | 0.5 | 0.6 | 150 | 0.67 | 3.8 | 0.3 | 1948 | 1.2 | 73 | 0.3 | 0.5 | 0.3 | 5 |
| 036210 | Drill Core | 4.62 | 0.12 | 0.2 | 0.9 | 69.2 | 45 | 0.4 | 1.0 | 0.5 | 185 | 0.81 | 2.6 | 0.4 | 37.1 | 1.3 | 78 | 0.3 | 0.4 | 0.6 | 5 |
| 036211 | Drill Core | 4.03 | 0.11 | <0.1 | 0.7 | 64.8 | 78 | 0.3 | 0.6 | 0.5 | 197 | 0.70 | 3.6 | 0.3 | 56.0 | 1.2 | 58 | 0.4 | 0.3 | 0.2 | 4 |
| 036212 | Drill Core | 3.67 | 0.63 | 0.2 | 0.7 | 38.8 | 53 | 1.0 | 0.5 | 0.3 | 48 | 0.40 | 7.7 | 0.1 | 256.5 | 0.3 | 15 | 0.3 | 1.0 | <0.1 | <2 |
| 036213 | Drill Core | 3.26 | 0.61 | 0.5 | 0.9 | 14.2 | 26 | 1.3 | 0.7 | 0.4 | 24 | 0.34 | 9.7 | 0.1 | 746.7 | 0.3 | 23 | 0.1 | 1.5 | <0.1 | <2 |
| 036214 | Drill Core | 4.55 | 0.09 | <0.1 | 1.5 | 13.5 | 51 | 1.2 | 0.4 | 0.6 | 67 | 0.55 | 7.2 | 0.5 | 125.0 | 1.8 | 25 | 0.2 | 1.5 | <0.1 | 3 |
| 036215 | Drill Core | 4.39 | 0.29 | 0.1 | 1.4 | 15.0 | 42 | 1.1 | 0.8 | 0.8 | 79 | 0.68 | 6.2 | 0.7 | 120.5 | 1.9 | 28 | 0.1 | 1.4 | <0.1 | 3 |
| 036216 | Drill Core | 3.99 | 0.10 | <0.1 | 0.8 | 12.2 | 46 | 0.5 | 0.2 | 0.5 | 181 | 0.70 | 5.3 | 1.1 | 38.2 | 2.1 | 62 | 0.1 | 1.1 | <0.1 | 3 |
| 036217 | Rock Pulp | 0.10 | 1.18 | 12.3 | 60.4 | 96.5 | 2 | 1.8 | 8.1 | 2.5 | 77 | 4.25 | 121.7 | 0.2 | 1046 | 0.5 | 7 | <0.1 | 18.1 | 101.0 | 22 |
| 036218 | Drill Core | 3.86 | 0.05 | <0.1 | 0.7 | 7.2 | 40 | 0.3 | 0.4 | 0.5 | 102 | 0.56 | 3.5 | 0.9 | 32.1 | 1.8 | 44 | 0.1 | 0.8 | 0.1 | 2 |
| 036219 | Drill Core | 4.69 | 0.17 | <0.1 | 0.3 | 42.7 | 39 | 2.6 | 0.4 | 0.6 | 105 | 0.68 | 4.3 | 0.6 | 66.9 | 1.9 | 47 | <0.1 | 1.3 | 2.7 | 2 |
| 036220 | Drill Core | 3.52 | 0.26 | 0.2 | 1.0 | 10.8 | 54 | 10.3 | 0.5 | 0.7 | 129 | 0.76 | 5.1 | 0.5 | 130.6 | 2.0 | 60 | 0.3 | 1.7 | 0.3 | 3 |
| 036221 | Drill Core | 4.12 | 0.94 | 0.1 | 0.7 | 11.1 | 47 | 0.7 | 0.4 | 0.8 | 138 | 0.75 | 6.8 | 0.7 | 262.4 | 2.2 | 57 | 0.1 | 1.8 | 0.1 | 3 |
| 036222 | Drill Core | 3.70 | 0.82 | 0.2 | 1.3 | 39.6 | 123 | 1.3 | 0.5 | 0.6 | 114 | 0.61 | 5.0 | 0.8 | 325.9 | 2.0 | 27 | 0.6 | 1.2 | 0.2 | 2 |
| 036223 DUP PULP 036222 | Drill Core | | 1.40 | 0.2 | 1.0 | 43.7 | 120 | 1.2 | 0.4 | 0.6 | 114 | 0.60 | 4.2 | 0.8 | 341.0 | 2.1 | 28 | 0.6 | 1.3 | 0.2 | 2 |
| 036224 | Drill Core | 3.18 | 0.28 | <0.1 | 1.6 | 12.8 | 55 | 0.4 | 0.5 | 0.7 | 141 | 0.77 | 4.4 | 0.7 | 78.1 | 2.5 | 29 | 0.2 | 1.1 | <0.1 | 3 |
| 036225 | Drill Core | 1.36 | 0.08 | <0.1 | 1.1 | 11.6 | 56 | 0.2 | 0.6 | 0.5 | 163 | 0.64 | 2.3 | 1.0 | 55.3 | 2.4 | 55 | 0.2 | 0.8 | <0.1 | 5 |
| 036226 | Drill Core | 3.31 | 0.02 | <0.1 | 0.6 | 11.8 | 55 | 0.1 | 0.4 | 0.6 | 162 | 0.61 | 1.2 | 1.0 | 44.0 | 2.0 | 71 | <0.1 | 0.4 | <0.1 | 6 |
| 036227 | Drill Core | 4.58 | 0.04 | 0.1 | 1.2 | 10.1 | 54 | 0.4 | 0.6 | 0.6 | 173 | 0.67 | 2.0 | 1.3 | 20.1 | 2.2 | 86 | 0.1 | 0.6 | <0.1 | 6 |
| 036228 | Drill Core | 4.45 | <0.01 | 0.1 | 0.8 | 15.8 | 50 | <0.1 | 0.6 | 0.6 | 174 | 0.64 | 0.8 | 1.6 | 4.4 | 1.9 | 94 | <0.1 | 0.3 | 0.1 | 7 |
| 036229 | Rock | 1.10 | <0.01 | 0.5 | 36.4 | 3.8 | 41 | <0.1 | 28.9 | 8.1 | 182 | 2.06 | <0.5 | 0.7 | 0.8 | 3.1 | 54 | <0.1 | <0.1 | <0.1 | 96 |
| 036230 | Drill Core | 3.93 | <0.01 | <0.1 | 1.4 | 25.9 | 59 | 0.1 | 0.5 | 0.6 | 198 | 0.64 | <0.5 | 0.6 | 1.0 | 1.7 | 144 | 0.4 | <0.1 | 0.3 | 7 |
| 036231 | Drill Core | 4.78 | 0.03 | 0.5 | 2.0 | 12.1 | 40 | 0.2 | 0.5 | 0.5 | 145 | 0.64 | 1.1 | 1.2 | 11.9 | 2.1 | 73 | 0.2 | 0.1 | 0.2 | 6 |
| 036232 | Drill Core | 3.64 | <0.01 | 0.2 | 0.6 | 13.4 | 42 | 0.1 | 0.8 | 0.7 | 198 | 0.66 | <0.5 | 0.5 | <0.5 | 1.3 | 98 | 0.3 | 0.1 | 0.3 | 7 |
| 036233 | Drill Core | 2.99 | <0.01 | <0.1 | 0.4 | 4.2 | 44 | <0.1 | 0.8 | 0.7 | 175 | 0.56 | <0.5 | 0.8 | <0.5 | 1.5 | 88 | 0.1 | <0.1 | <0.1 | 8 |
| 036234 | Drill Core | 1.56 | <0.01 | 0.1 | 0.8 | 9.7 | 94 | 0.2 | 0.8 | 0.9 | 200 | 0.53 | <0.5 | 0.4 | 0.7 | 0.8 | 101 | 1.2 | <0.1 | 0.6 | 6 |

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Project: Rosetta Stone
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CERTIFICATE OF ANALYSIS

VAN09005988.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|--------|-----|------|-------|-------|--------|------|-------|-------|------|------|-------|------|------|-------|-----|------|
| Analyte | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
| Unit | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| MDL | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 1 | 0.5 | |
| 036205 | Drill Core | 0.78 | 0.014 | 6 | 3 | 0.11 | 31 | 0.001 | <20 | 0.18 | 0.063 | 0.07 | <0.1 | 0.19 | 0.4 | <0.1 | 0.27 | <1 | 0.9 |
| 036206 | Drill Core | 0.72 | 0.014 | 6 | 5 | 0.09 | 28 | 0.001 | <20 | 0.15 | 0.055 | 0.06 | <0.1 | 0.14 | 0.4 | <0.1 | 0.26 | <1 | 0.6 |
| 036207 | Rock | 0.82 | 0.222 | 31 | 27 | 0.78 | 185 | 0.205 | <20 | 0.85 | 0.092 | 0.68 | <0.1 | <0.01 | 1.6 | 0.2 | <0.05 | 4 | <0.5 |
| 036208 | Drill Core | 0.53 | 0.014 | 6 | 5 | 0.09 | 26 | 0.001 | <20 | 0.15 | 0.052 | 0.06 | 0.1 | 0.18 | 0.3 | <0.1 | 0.25 | <1 | 0.9 |
| 036209 | Drill Core | 0.43 | 0.015 | 6 | 3 | 0.11 | 31 | 0.001 | <20 | 0.20 | 0.058 | 0.07 | <0.1 | 0.07 | 0.3 | <0.1 | 0.27 | <1 | 2.4 |
| 036210 | Drill Core | 0.52 | 0.015 | 6 | 4 | 0.14 | 32 | 0.002 | <20 | 0.20 | 0.063 | 0.07 | <0.1 | 0.02 | 0.4 | <0.1 | 0.28 | <1 | 3.8 |
| 036211 | Drill Core | 0.53 | 0.015 | 6 | 3 | 0.19 | 23 | <0.001 | <20 | 0.26 | 0.039 | 0.06 | <0.1 | 0.07 | 0.4 | <0.1 | 0.29 | 1 | 3.8 |
| 036212 | Drill Core | 0.01 | 0.003 | 2 | 3 | 0.03 | 12 | <0.001 | <20 | 0.21 | 0.003 | 0.03 | <0.1 | 0.12 | 0.3 | <0.1 | 0.26 | <1 | 2.8 |
| 036213 | Drill Core | 0.02 | <0.001 | 2 | 8 | 0.01 | 14 | <0.001 | <20 | 0.22 | 0.004 | 0.03 | <0.1 | 0.10 | 0.1 | <0.1 | 0.24 | <1 | 2.1 |
| 036214 | Drill Core | 0.02 | 0.005 | 7 | 2 | 0.05 | 20 | <0.001 | <20 | 0.31 | 0.003 | 0.03 | <0.1 | 0.22 | 0.2 | <0.1 | 0.31 | 1 | 2.3 |
| 036215 | Drill Core | 0.05 | 0.009 | 8 | 3 | 0.05 | 21 | <0.001 | <20 | 0.42 | 0.003 | 0.05 | <0.1 | 0.16 | 0.3 | <0.1 | 0.41 | 2 | 2.2 |
| 036216 | Drill Core | 0.73 | 0.012 | 7 | 1 | 0.22 | 12 | <0.001 | <20 | 0.27 | 0.010 | 0.04 | <0.1 | 0.07 | 0.3 | <0.1 | 0.38 | 1 | 1.2 |
| 036217 | Rock Pulp | <0.01 | 0.005 | <1 | 22 | <0.01 | 280 | 0.005 | <20 | 0.12 | 0.005 | 0.01 | 0.4 | 0.16 | 0.4 | 0.3 | 0.09 | 2 | 14.9 |
| 036218 | Drill Core | 0.28 | 0.008 | 6 | 3 | 0.08 | 17 | <0.001 | <20 | 0.22 | 0.046 | 0.06 | <0.1 | 0.04 | 0.2 | <0.1 | 0.35 | 1 | 0.9 |
| 036219 | Drill Core | 0.33 | 0.012 | 7 | 2 | 0.10 | 15 | <0.001 | <20 | 0.19 | 0.027 | 0.05 | <0.1 | 0.03 | 0.2 | <0.1 | 0.46 | 1 | 3.3 |
| 036220 | Drill Core | 0.36 | 0.016 | 9 | 3 | 0.12 | 19 | <0.001 | <20 | 0.30 | 0.024 | 0.05 | <0.1 | 0.05 | 0.3 | <0.1 | 0.49 | 1 | 1.5 |
| 036221 | Drill Core | 0.34 | 0.017 | 8 | 2 | 0.11 | 19 | 0.001 | <20 | 0.23 | 0.034 | 0.06 | <0.1 | 0.05 | 0.3 | <0.1 | 0.49 | 1 | 1.3 |
| 036222 | Drill Core | 0.09 | 0.010 | 6 | 2 | 0.07 | 10 | <0.001 | <20 | 0.27 | 0.007 | 0.04 | <0.1 | 0.04 | 0.2 | <0.1 | 0.34 | 1 | 3.0 |
| 036223 DUP PULP 036222 | Drill Core | 0.10 | 0.011 | 7 | 3 | 0.07 | 11 | <0.001 | <20 | 0.28 | 0.008 | 0.04 | <0.1 | 0.05 | 0.2 | <0.1 | 0.34 | 1 | 3.3 |
| 036224 | Drill Core | 0.07 | 0.014 | 8 | 2 | 0.10 | 10 | <0.001 | <20 | 0.22 | 0.015 | 0.03 | <0.1 | 0.04 | 0.2 | <0.1 | 0.36 | 1 | 1.2 |
| 036225 | Drill Core | 0.46 | 0.016 | 9 | 4 | 0.09 | 21 | 0.003 | <20 | 0.18 | 0.048 | 0.06 | <0.1 | 0.01 | 0.2 | <0.1 | 0.20 | 1 | 1.1 |
| 036226 | Drill Core | 0.43 | 0.016 | 7 | 3 | 0.12 | 21 | 0.011 | <20 | 0.23 | 0.050 | 0.07 | <0.1 | 0.01 | 0.3 | <0.1 | 0.14 | 2 | 0.7 |
| 036227 | Drill Core | 0.52 | 0.018 | 7 | 5 | 0.12 | 29 | 0.009 | <20 | 0.24 | 0.066 | 0.07 | <0.1 | 0.01 | 0.3 | <0.1 | 0.19 | 2 | 0.9 |
| 036228 | Drill Core | 0.64 | 0.017 | 7 | 3 | 0.12 | 29 | 0.014 | <20 | 0.23 | 0.063 | 0.06 | <0.1 | 0.01 | 0.4 | <0.1 | 0.12 | 2 | 0.7 |
| 036229 | Rock | 0.89 | 0.227 | 32 | 29 | 0.85 | 177 | 0.211 | <20 | 0.87 | 0.080 | 0.62 | <0.1 | <0.01 | 2.0 | 0.2 | <0.05 | 4 | <0.5 |
| 036230 | Drill Core | 0.91 | 0.015 | 8 | 4 | 0.15 | 28 | <0.001 | <20 | 0.14 | 0.062 | 0.06 | <0.1 | <0.01 | 0.4 | <0.1 | 0.13 | <1 | 0.5 |
| 036231 | Drill Core | 0.44 | 0.012 | 7 | 5 | 0.10 | 28 | 0.001 | <20 | 0.16 | 0.074 | 0.07 | 0.1 | <0.01 | 0.2 | <0.1 | 0.15 | 1 | 0.6 |
| 036232 | Drill Core | 0.98 | 0.018 | 5 | 5 | 0.16 | 33 | 0.005 | <20 | 0.28 | 0.057 | 0.08 | 0.3 | <0.01 | 0.5 | <0.1 | 0.25 | 2 | <0.5 |
| 036233 | Drill Core | 0.52 | 0.019 | 2 | 4 | 0.17 | 40 | 0.031 | <20 | 0.30 | 0.072 | 0.08 | 0.2 | <0.01 | 0.5 | <0.1 | 0.07 | 2 | <0.5 |
| 036234 | Drill Core | 0.90 | 0.019 | 2 | 4 | 0.14 | 47 | 0.028 | <20 | 0.28 | 0.073 | 0.13 | 4.1 | <0.01 | 0.4 | <0.1 | 0.17 | 2 | <0.5 |

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.



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Project: Rosetta Stone
 Report Date: December 21, 2009

Page: 4 of 4 Part 1

CERTIFICATE OF ANALYSIS

VAN09005988.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|------|------|------|-----|------|------|------|------|------|-------|-----|-------|-----|-----|------|------|------|-----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | 0.1 | |
| 036235 | Rock Pulp | 0.10 | 1.14 | 11.5 | 58.1 | 91.3 | 2 | 1.7 | 8.1 | 2.6 | 74 | 4.07 | 114.6 | 0.2 | 848.1 | 0.4 | 7 | <0.1 | 17.1 | 92.2 | 21 |
| 036236 | Drill Core | 1.86 | <0.01 | 0.3 | 1.9 | 27.5 | 160 | 0.4 | 1.5 | 2.2 | 336 | 1.20 | <0.5 | 0.5 | 1.6 | 1.0 | 84 | 2.2 | <0.1 | 1.2 | 19 |
| 036237 | Drill Core | 2.12 | <0.01 | 0.2 | 1.3 | 7.7 | 68 | <0.1 | 0.7 | 1.1 | 244 | 0.96 | 0.9 | 0.5 | 0.7 | 4.7 | 150 | <0.1 | 0.4 | <0.1 | 12 |
| 036238 | Drill Core | 4.01 | <0.01 | 0.2 | 1.1 | 8.3 | 62 | <0.1 | 0.7 | 0.9 | 208 | 0.94 | 1.4 | 0.5 | 2.0 | 4.5 | 124 | <0.1 | 0.3 | <0.1 | 10 |
| 036239 | Drill Core | 3.79 | <0.01 | 0.1 | 1.7 | 7.6 | 64 | <0.1 | 0.5 | 1.0 | 221 | 0.89 | <0.5 | 0.4 | 0.7 | 4.0 | 166 | <0.1 | 0.2 | <0.1 | 11 |
| 036240 | Drill Core | 4.37 | 0.03 | <0.1 | 0.6 | 6.2 | 57 | 0.2 | 0.5 | 0.8 | 165 | 0.74 | 0.9 | 0.4 | 35.0 | 3.1 | 136 | 0.1 | 0.4 | <0.1 | 9 |
| 036241 DUP PULP 036240 | Drill Core | | 0.03 | 0.1 | 0.8 | 6.5 | 56 | 0.2 | 0.6 | 0.9 | 167 | 0.74 | 0.6 | 0.4 | 22.9 | 3.1 | 135 | <0.1 | 0.4 | <0.1 | 9 |
| 036242 | Drill Core | 3.09 | 0.09 | 0.3 | 2.1 | 6.9 | 66 | 0.6 | 1.5 | 2.1 | 206 | 1.13 | 5.6 | 0.4 | 40.0 | 3.6 | 101 | <0.1 | 1.9 | <0.1 | 13 |
| 036243 | Drill Core | 4.72 | 0.29 | 0.7 | 24.0 | 12.4 | 93 | 1.1 | 34.5 | 32.4 | 1257 | 6.56 | 2.2 | 0.6 | 326.1 | 5.2 | 385 | 0.1 | 1.4 | <0.1 | 121 |
| 036244 | Drill Core | 2.55 | 0.10 | 0.3 | 4.6 | 5.5 | 37 | 0.6 | 1.7 | 1.7 | 79 | 0.82 | 4.9 | 0.6 | 57.6 | 3.1 | 29 | <0.1 | 1.0 | <0.1 | 6 |
| 036245 | Drill Core | 2.23 | 0.05 | 0.2 | 2.4 | 8.2 | 61 | 0.6 | 0.6 | 0.9 | 163 | 1.08 | 2.5 | 0.7 | 32.7 | 6.1 | 55 | 0.2 | 1.3 | <0.1 | 10 |
| 036246 | Drill Core | 2.25 | 0.07 | <0.1 | 1.7 | 7.9 | 60 | 0.3 | 0.5 | 1.0 | 174 | 0.94 | 1.9 | 0.7 | 42.1 | 5.3 | 104 | <0.1 | 0.5 | <0.1 | 9 |
| 036247 | Rock | 1.23 | <0.01 | 0.5 | 40.5 | 3.3 | 41 | <0.1 | 29.4 | 8.7 | 167 | 2.08 | <0.5 | 0.7 | 3.1 | 3.4 | 53 | <0.1 | <0.1 | <0.1 | 99 |
| 036248 | Drill Core | 1.54 | 0.15 | 0.1 | 3.3 | 7.9 | 63 | 0.5 | 0.5 | 1.0 | 158 | 1.00 | 2.6 | 1.0 | 75.7 | 5.2 | 67 | 0.1 | 0.8 | <0.1 | 7 |
| 036249 | Drill Core | 2.57 | 0.60 | 0.1 | 3.5 | 7.6 | 57 | 0.7 | 0.4 | 0.8 | 122 | 0.97 | 3.4 | 0.9 | 130.7 | 4.9 | 61 | 0.1 | 0.5 | <0.1 | 7 |
| 036250 | Drill Core | 2.02 | 0.42 | 0.2 | 2.7 | 7.0 | 52 | 3.9 | 0.4 | 0.9 | 115 | 0.91 | 2.7 | 0.7 | 2827 | 4.5 | 37 | 0.1 | 0.5 | <0.1 | 7 |
| 036251 | Drill Core | 2.38 | 0.03 | 0.2 | 3.8 | 24.3 | 78 | 0.8 | 0.8 | 1.1 | 167 | 0.91 | 1.8 | 0.9 | 249.0 | 4.2 | 99 | 0.4 | 0.4 | 0.9 | 10 |
| 036252 | Drill Core | 3.45 | 0.02 | <0.1 | 1.7 | 7.2 | 70 | 0.1 | 0.9 | 1.1 | 191 | 0.96 | 1.0 | 0.9 | 80.8 | 3.5 | 187 | 0.2 | 0.2 | <0.1 | 11 |
| 036253 | Drill Core | 3.17 | 0.04 | <0.1 | 4.3 | 7.8 | 75 | 0.3 | 0.7 | 1.1 | 194 | 1.03 | 2.9 | 1.1 | 58.7 | 5.3 | 168 | 0.3 | 0.3 | <0.1 | 12 |
| 036254 | Drill Core | 4.38 | 0.03 | <0.1 | 2.3 | 6.5 | 66 | 0.3 | 0.5 | 1.1 | 194 | 0.95 | 0.7 | 0.8 | 30.5 | 3.7 | 220 | 0.1 | 0.3 | <0.1 | 13 |
| 036255 | Drill Core | 2.02 | 0.01 | 0.2 | 6.0 | 21.7 | 142 | 0.3 | 6.1 | 6.1 | 742 | 3.17 | 1.6 | 0.9 | 27.0 | 5.7 | 309 | 0.5 | 0.6 | <0.1 | 83 |
| 036256 | Drill Core | 4.67 | <0.01 | 0.1 | 5.5 | 6.0 | 59 | <0.1 | 2.0 | 1.7 | 239 | 1.10 | 0.6 | 1.0 | 12.0 | 5.0 | 185 | 0.2 | <0.1 | <0.1 | 11 |
| 036257 | Rock Pulp | 0.10 | 1.10 | 11.0 | 61.0 | 83.8 | 2 | 1.7 | 7.5 | 2.6 | 72 | 3.82 | 109.3 | 0.2 | 823.5 | 0.4 | 7 | <0.1 | 17.0 | 86.6 | 20 |
| 036258 | Drill Core | 3.71 | <0.01 | 0.7 | 1.4 | 2.3 | 27 | <0.1 | 0.5 | 1.2 | 165 | 0.71 | <0.5 | 0.3 | 1.5 | 1.3 | 128 | <0.1 | 0.1 | <0.1 | 5 |
| 036259 | Drill Core | 3.56 | <0.01 | 0.5 | 10.4 | 2.2 | 243 | <0.1 | 0.8 | 1.5 | 196 | 0.49 | <0.5 | 0.7 | 0.7 | 1.6 | 73 | 3.2 | <0.1 | <0.1 | 4 |



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Project: Rosetta Stone
 Report Date: December 21, 2009

Page: 4 of 4 Part 2

CERTIFICATE OF ANALYSIS

VAN09005988.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|------------------------|-------|-------|-----|-----|-------|-----|-------|-----|------|-------|------|------|-------|------|------|------|-----|------|
| Analyte | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se |
| Unit | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm |
| MDL | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 1 | 0.5 |
| 036235 Rock Pulp | <0.01 | 0.005 | <1 | 21 | <0.01 | 269 | 0.005 | <20 | 0.11 | 0.003 | 0.01 | 0.4 | 0.15 | 0.4 | 0.3 | 0.09 | 2 | 15.5 |
| 036236 Drill Core | 1.14 | 0.042 | 4 | 4 | 0.27 | 55 | 0.045 | <20 | 0.63 | 0.060 | 0.28 | 0.3 | <0.01 | 1.5 | 0.1 | 0.27 | 3 | 0.5 |
| 036237 Drill Core | 0.83 | 0.030 | 19 | 4 | 0.19 | 26 | 0.008 | <20 | 0.30 | 0.042 | 0.06 | <0.1 | <0.01 | 0.8 | <0.1 | 0.26 | 4 | 0.6 |
| 036238 Drill Core | 0.71 | 0.026 | 17 | 3 | 0.16 | 30 | 0.005 | <20 | 0.27 | 0.056 | 0.07 | <0.1 | <0.01 | 0.7 | <0.1 | 0.29 | 3 | 0.9 |
| 036239 Drill Core | 0.88 | 0.027 | 16 | 4 | 0.18 | 31 | 0.014 | <20 | 0.30 | 0.063 | 0.07 | <0.1 | <0.01 | 0.8 | <0.1 | 0.17 | 4 | 0.5 |
| 036240 Drill Core | 0.70 | 0.027 | 13 | 3 | 0.13 | 37 | 0.026 | <20 | 0.24 | 0.074 | 0.07 | <0.1 | <0.01 | 0.6 | <0.1 | 0.12 | 3 | 0.5 |
| 036241 DUP PULP 036240 | 0.70 | 0.028 | 13 | 3 | 0.13 | 36 | 0.027 | <20 | 0.25 | 0.073 | 0.08 | <0.1 | <0.01 | 0.6 | <0.1 | 0.12 | 3 | <0.5 |
| 036242 Drill Core | 0.71 | 0.031 | 16 | 15 | 0.18 | 25 | 0.016 | <20 | 0.24 | 0.049 | 0.05 | <0.1 | <0.01 | 0.9 | <0.1 | 0.35 | 3 | 3.4 |
| 036243 Drill Core | 2.94 | 0.116 | 24 | 251 | 1.79 | 13 | 0.003 | <20 | 1.06 | 0.020 | 0.05 | <0.1 | 0.08 | 11.7 | 1.1 | 0.69 | 8 | 3.8 |
| 036244 Drill Core | 0.07 | 0.017 | 14 | 13 | 0.06 | 14 | 0.001 | <20 | 0.25 | 0.002 | 0.03 | <0.1 | 0.05 | 0.6 | <0.1 | 0.22 | 1 | 1.3 |
| 036245 Drill Core | 0.32 | 0.027 | 26 | 4 | 0.13 | 20 | 0.002 | <20 | 0.23 | 0.032 | 0.05 | <0.1 | 0.03 | 0.6 | <0.1 | 0.37 | 1 | 2.3 |
| 036246 Drill Core | 0.72 | 0.024 | 23 | 5 | 0.13 | 25 | 0.002 | <20 | 0.17 | 0.047 | 0.05 | <0.1 | 0.02 | 0.6 | <0.1 | 0.25 | 1 | 1.0 |
| 036247 Rock | 0.90 | 0.222 | 35 | 25 | 0.84 | 191 | 0.179 | <20 | 0.83 | 0.076 | 0.67 | <0.1 | <0.01 | 2.0 | <0.1 | 0.05 | 4 | <0.5 |
| 036248 Drill Core | 0.78 | 0.024 | 22 | 5 | 0.12 | 15 | 0.001 | <20 | 0.16 | 0.026 | 0.03 | <0.1 | 0.02 | 0.6 | <0.1 | 0.32 | 1 | 2.0 |
| 036249 Drill Core | 0.34 | 0.023 | 21 | 4 | 0.12 | 20 | 0.002 | <20 | 0.19 | 0.036 | 0.05 | <0.1 | 0.02 | 0.5 | <0.1 | 0.33 | 1 | 1.5 |
| 036250 Drill Core | 0.15 | 0.020 | 18 | 6 | 0.11 | 18 | 0.001 | <20 | 0.23 | 0.031 | 0.04 | <0.1 | 0.05 | 0.5 | <0.1 | 0.30 | 1 | 1.9 |
| 036251 Drill Core | 0.65 | 0.025 | 19 | 5 | 0.14 | 22 | 0.004 | <20 | 0.20 | 0.040 | 0.05 | <0.1 | 0.03 | 0.6 | <0.1 | 0.24 | 2 | 1.3 |
| 036252 Drill Core | 1.17 | 0.027 | 16 | 6 | 0.33 | 24 | 0.005 | <20 | 0.18 | 0.045 | 0.05 | <0.1 | <0.01 | 0.5 | <0.1 | 0.16 | 2 | 0.5 |
| 036253 Drill Core | 1.07 | 0.030 | 22 | 8 | 0.15 | 26 | 0.011 | <20 | 0.29 | 0.043 | 0.07 | <0.1 | <0.01 | 0.7 | <0.1 | 0.24 | 3 | 1.3 |
| 036254 Drill Core | 0.89 | 0.031 | 16 | 6 | 0.18 | 35 | 0.017 | <20 | 0.32 | 0.057 | 0.08 | <0.1 | <0.01 | 0.7 | <0.1 | 0.19 | 3 | 1.2 |
| 036255 Drill Core | 2.87 | 0.158 | 29 | 9 | 0.88 | 51 | 0.089 | <20 | 1.34 | 0.033 | 0.46 | <0.1 | <0.01 | 5.3 | <0.1 | 0.48 | 10 | 2.7 |
| 036256 Drill Core | 1.43 | 0.033 | 20 | 8 | 0.22 | 33 | 0.015 | <20 | 0.51 | 0.044 | 0.12 | <0.1 | <0.01 | 0.7 | <0.1 | 0.34 | 5 | <0.5 |
| 036257 Rock Pulp | <0.01 | 0.004 | <1 | 20 | <0.01 | 254 | 0.005 | <20 | 0.10 | 0.002 | 0.01 | 0.6 | 0.16 | 0.3 | 0.3 | 0.09 | 2 | 14.7 |
| 036258 Drill Core | 1.01 | 0.024 | 5 | 2 | 0.13 | 29 | 0.006 | <20 | 0.29 | 0.038 | 0.09 | <0.1 | <0.01 | 0.4 | <0.1 | 0.43 | 3 | 0.6 |
| 036259 Drill Core | 0.95 | 0.015 | 6 | 5 | 0.09 | 33 | 0.004 | <20 | 0.22 | 0.051 | 0.07 | <0.1 | <0.01 | 0.4 | <0.1 | 0.23 | 2 | 0.6 |



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Project: Rosetta Stone
Report Date: December 21, 2009

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QUALITY CONTROL REPORT

VAN09005988.1

| Method | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|------|-------|------|-----|------|-------|-------|------|-------|------|-----|-------|-----|-----|------|------|------|-----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 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 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 036184 | Drill Core | 2.29 | 0.33 | 0.1 | 0.7 | 50.7 | 72 | 1.3 | 0.7 | 0.5 | 88 | 0.52 | 6.4 | 0.6 | 195.8 | 1.4 | 28 | 0.5 | 1.4 | 0.8 | 2 |
| REP 036184 | QC | | 0.37 | | | | | | | | | | | | | | | | | | |
| 036202 | Drill Core | 3.01 | 0.05 | 0.2 | 1.2 | 8.5 | 48 | 0.2 | 0.5 | 0.7 | 135 | 0.62 | 2.5 | 0.2 | 52.6 | 1.3 | 58 | 0.4 | 0.6 | 0.2 | 5 |
| REP 036202 | QC | | | 0.2 | 0.7 | 9.5 | 46 | 0.2 | 0.3 | 0.6 | 137 | 0.62 | 2.7 | 0.2 | 22.2 | 1.3 | 59 | 0.3 | 0.7 | 0.2 | 5 |
| 036219 | Drill Core | 4.69 | 0.17 | <0.1 | 0.3 | 42.7 | 39 | 2.6 | 0.4 | 0.6 | 105 | 0.68 | 4.3 | 0.6 | 66.9 | 1.9 | 47 | <0.1 | 1.3 | 2.7 | 2 |
| REP 036219 | QC | | | <0.1 | 0.6 | 43.4 | 42 | 2.7 | 0.5 | 0.5 | 105 | 0.67 | 4.0 | 0.5 | 69.7 | 1.9 | 47 | <0.1 | 1.3 | 2.7 | 2 |
| 036224 | Drill Core | 3.18 | 0.28 | <0.1 | 1.6 | 12.8 | 55 | 0.4 | 0.5 | 0.7 | 141 | 0.77 | 4.4 | 0.7 | 78.1 | 2.5 | 29 | 0.2 | 1.1 | <0.1 | 3 |
| REP 036224 | QC | | 0.32 | | | | | | | | | | | | | | | | | | |
| 036246 | Drill Core | 2.25 | 0.07 | <0.1 | 1.7 | 7.9 | 60 | 0.3 | 0.5 | 1.0 | 174 | 0.94 | 1.9 | 0.7 | 42.1 | 5.3 | 104 | <0.1 | 0.5 | <0.1 | 9 |
| REP 036246 | QC | | 0.08 | | | | | | | | | | | | | | | | | | |
| 036251 | Drill Core | 2.38 | 0.03 | 0.2 | 3.8 | 24.3 | 78 | 0.8 | 0.8 | 1.1 | 167 | 0.91 | 1.8 | 0.9 | 249.0 | 4.2 | 99 | 0.4 | 0.4 | 0.9 | 10 |
| REP 036251 | QC | | 0.02 | | | | | | | | | | | | | | | | | | |
| 036259 | Drill Core | 3.56 | <0.01 | 0.5 | 10.4 | 2.2 | 243 | <0.1 | 0.8 | 1.5 | 196 | 0.49 | <0.5 | 0.7 | 0.7 | 1.6 | 73 | 3.2 | <0.1 | <0.1 | 4 |
| REP 036259 | QC | | | 0.5 | 10.5 | 1.9 | 242 | <0.1 | 0.5 | 1.4 | 198 | 0.49 | <0.5 | 0.7 | <0.5 | 1.7 | 75 | 3.1 | <0.1 | <0.1 | 4 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 036200 | Drill Core | 2.54 | 0.19 | <0.1 | 0.7 | 6.2 | 38 | 0.4 | 0.6 | 0.5 | 86 | 0.56 | 7.4 | 0.3 | 90.9 | 1.2 | 42 | 0.2 | 1.4 | 0.2 | 3 |
| DUP 036200 | QC | | 0.18 | 0.2 | 0.7 | 6.0 | 38 | 0.5 | 1.0 | 0.6 | 94 | 0.60 | 6.4 | 0.2 | 258.5 | 1.1 | 47 | 0.2 | 1.1 | 0.2 | 4 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS7 | Standard | | | 18.7 | 99.0 | 62.5 | 374 | 0.8 | 48.9 | 8.9 | 569 | 2.28 | 46.7 | 4.4 | 78.2 | 4.4 | 75 | 5.6 | 5.3 | 4.4 | 77 |
| STD DS7 | Standard | | | 20.0 | 99.5 | 70.2 | 371 | 0.8 | 52.4 | 8.7 | 533 | 2.21 | 50.2 | 4.8 | 57.0 | 4.7 | 69 | 5.9 | 5.1 | 4.7 | 76 |
| STD DS7 | Standard | | | 18.8 | 96.8 | 64.4 | 359 | 0.8 | 48.8 | 8.1 | 575 | 2.27 | 45.5 | 4.8 | 95.0 | 4.5 | 74 | 6.0 | 5.1 | 4.4 | 77 |
| STD DS7 | Standard | | | 19.1 | 106.5 | 62.7 | 381 | 0.7 | 51.6 | 8.7 | 558 | 2.26 | 47.3 | 5.0 | 53.9 | 4.6 | 71 | 6.1 | 5.5 | 4.6 | 76 |
| STD DS7 | Standard | | | 19.2 | 97.9 | 70.2 | 366 | 0.7 | 52.1 | 8.0 | 574 | 2.21 | 45.8 | 4.7 | 55.8 | 4.4 | 77 | 5.3 | 4.9 | 4.5 | 75 |
| STD OREAS45PA | Standard | | | 1.0 | 559.6 | 18.2 | 109 | 0.3 | 287.1 | 102.0 | 1033 | 17.26 | 3.8 | 1.1 | 45.5 | 6.6 | 14 | 0.1 | 0.3 | 0.2 | 208 |
| STD OREAS45PA | Standard | | | 1.1 | 584.7 | 17.7 | 108 | 0.2 | 294.2 | 104.8 | 1050 | 16.57 | 3.2 | 1.1 | 33.6 | 6.3 | 13 | 0.1 | 0.2 | 0.2 | 212 |
| STD OREAS45PA | Standard | | | 1.3 | 544.1 | 19.5 | 115 | 0.2 | 279.7 | 97.5 | 1024 | 16.33 | 3.8 | 1.1 | 38.4 | 6.8 | 13 | 0.1 | 0.4 | 0.2 | 206 |
| STD OREAS45PA | Standard | | | 1.4 | 565.9 | 20.8 | 114 | 0.3 | 290.1 | 105.0 | 1059 | 17.62 | 4.5 | 1.3 | 38.5 | 7.3 | 14 | <0.1 | 0.5 | 0.2 | 217 |
| STD OREAS45PA | Standard | | | 1.1 | 582.1 | 18.9 | 104 | 0.2 | 293.5 | 102.5 | 1046 | 16.81 | 3.3 | 1.1 | 50.1 | 6.3 | 14 | <0.1 | 0.2 | 0.1 | 213 |

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.



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Project: Rosetta Stone
 Report Date: December 21, 2009

Page: 1 of 3 Part 2

QUALITY CONTROL REPORT

VAN09005988.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-------|-------|-----|------|------|-------|--------|------|-------|-------|------|------|-------|------|------|-------|-----|------|
| Analyte | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
| Unit | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| MDL | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | |
| 036184 | Drill Core | 0.07 | 0.010 | 4 | 5 | 0.04 | 20 | <0.001 | <20 | 0.18 | 0.040 | 0.07 | <0.1 | 0.18 | 0.2 | <0.1 | 0.26 | 1 | 4.2 |
| REP 036184 | QC | | | | | | | | | | | | | | | | | | |
| 036202 | Drill Core | 0.27 | 0.013 | 6 | 3 | 0.12 | 17 | <0.001 | <20 | 0.16 | 0.034 | 0.04 | 0.6 | 0.21 | 0.5 | <0.1 | 0.23 | <1 | 0.8 |
| REP 036202 | QC | 0.28 | 0.014 | 6 | 3 | 0.13 | 18 | <0.001 | <20 | 0.17 | 0.035 | 0.04 | 0.5 | 0.19 | 0.4 | <0.1 | 0.23 | <1 | 0.7 |
| 036219 | Drill Core | 0.33 | 0.012 | 7 | 2 | 0.10 | 15 | <0.001 | <20 | 0.19 | 0.027 | 0.05 | <0.1 | 0.03 | 0.2 | <0.1 | 0.46 | 1 | 3.3 |
| REP 036219 | QC | 0.32 | 0.012 | 7 | 3 | 0.11 | 14 | <0.001 | <20 | 0.20 | 0.027 | 0.05 | <0.1 | 0.02 | 0.2 | <0.1 | 0.44 | <1 | 3.3 |
| 036224 | Drill Core | 0.07 | 0.014 | 8 | 2 | 0.10 | 10 | <0.001 | <20 | 0.22 | 0.015 | 0.03 | <0.1 | 0.04 | 0.2 | <0.1 | 0.36 | 1 | 1.2 |
| REP 036224 | QC | | | | | | | | | | | | | | | | | | |
| 036246 | Drill Core | 0.72 | 0.024 | 23 | 5 | 0.13 | 25 | 0.002 | <20 | 0.17 | 0.047 | 0.05 | <0.1 | 0.02 | 0.6 | <0.1 | 0.25 | 1 | 1.0 |
| REP 036246 | QC | | | | | | | | | | | | | | | | | | |
| 036251 | Drill Core | 0.65 | 0.025 | 19 | 5 | 0.14 | 22 | 0.004 | <20 | 0.20 | 0.040 | 0.05 | <0.1 | 0.03 | 0.6 | <0.1 | 0.24 | 2 | 1.3 |
| REP 036251 | QC | | | | | | | | | | | | | | | | | | |
| 036259 | Drill Core | 0.95 | 0.015 | 6 | 5 | 0.09 | 33 | 0.004 | <20 | 0.22 | 0.051 | 0.07 | <0.1 | <0.01 | 0.4 | <0.1 | 0.23 | 2 | 0.6 |
| REP 036259 | QC | 0.96 | 0.015 | 6 | 5 | 0.09 | 33 | 0.004 | <20 | 0.23 | 0.050 | 0.08 | <0.1 | <0.01 | 0.4 | <0.1 | 0.23 | 2 | 0.6 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | |
| 036200 | Drill Core | 0.12 | 0.011 | 5 | 3 | 0.08 | 18 | <0.001 | <20 | 0.16 | 0.038 | 0.05 | 0.1 | 0.32 | 0.2 | <0.1 | 0.30 | <1 | 1.4 |
| DUP 036200 | QC | 0.14 | 0.010 | 5 | 3 | 0.08 | 20 | <0.001 | <20 | 0.17 | 0.042 | 0.05 | 0.1 | 0.31 | 0.2 | <0.1 | 0.29 | <1 | 1.2 |
| Reference Materials | | | | | | | | | | | | | | | | | | | |
| STD DS7 | Standard | 0.93 | 0.074 | 13 | 194 | 0.95 | 384 | 0.125 | 35 | 0.95 | 0.100 | 0.40 | 3.3 | 0.18 | 2.4 | 3.8 | 0.19 | 4 | 3.2 |
| STD DS7 | Standard | 0.90 | 0.067 | 13 | 201 | 0.92 | 377 | 0.116 | 37 | 0.93 | 0.097 | 0.38 | 3.7 | 0.19 | 2.1 | 3.9 | 0.19 | 4 | 3.3 |
| STD DS7 | Standard | 0.88 | 0.070 | 13 | 200 | 0.94 | 369 | 0.133 | 35 | 0.94 | 0.097 | 0.41 | 3.4 | 0.18 | 2.5 | 3.6 | 0.18 | 4 | 3.2 |
| STD DS7 | Standard | 0.89 | 0.075 | 12 | 181 | 0.93 | 376 | 0.127 | 34 | 0.94 | 0.095 | 0.39 | 3.4 | 0.18 | 2.5 | 3.7 | 0.19 | 4 | 3.4 |
| STD DS7 | Standard | 0.92 | 0.069 | 13 | 199 | 0.94 | 359 | 0.125 | 37 | 0.97 | 0.098 | 0.42 | 3.5 | 0.18 | 2.4 | 3.6 | 0.19 | 4 | 3.4 |
| STD OREAS45PA | Standard | 0.23 | 0.033 | 16 | 765 | 0.11 | 181 | 0.149 | <20 | 3.35 | 0.005 | 0.07 | <0.1 | 0.03 | 43.1 | <0.1 | <0.05 | 16 | <0.5 |
| STD OREAS45PA | Standard | 0.23 | 0.032 | 15 | 823 | 0.11 | 167 | 0.140 | <20 | 3.39 | 0.006 | 0.07 | <0.1 | 0.03 | 41.2 | <0.1 | <0.05 | 16 | <0.5 |
| STD OREAS45PA | Standard | 0.22 | 0.031 | 16 | 735 | 0.11 | 176 | 0.144 | <20 | 3.20 | 0.006 | 0.07 | <0.1 | 0.02 | 41.3 | <0.1 | <0.05 | 16 | 0.7 |
| STD OREAS45PA | Standard | 0.23 | 0.036 | 16 | 753 | 0.12 | 197 | 0.155 | <20 | 3.35 | 0.007 | 0.07 | <0.1 | 0.03 | 47.4 | <0.1 | <0.05 | 16 | 0.6 |
| STD OREAS45PA | Standard | 0.23 | 0.032 | 16 | 810 | 0.11 | 170 | 0.155 | <20 | 3.35 | 0.005 | 0.07 | <0.1 | 0.02 | 43.4 | <0.1 | <0.05 | 16 | 0.6 |

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 Suite 960 - 1055 W. Hastings St.
 Vancouver BC V6E 2E9 Canada

Project: Rosetta Stone

Report Date: December 21, 2009

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

VAN09005988.1

| | | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | | |
|------------------------|----------|------|-------|------|------|------|-----|------|------|------|------|--------|------|------|------|------|-----|------|------|------|-----|--|
| | | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| | | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | |
| | | 0.01 | 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 | |
| STD OXH55 | Standard | | 1.24 | | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | 1.25 | | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | 1.29 | | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | 1.27 | | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | 1.29 | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.45 | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.45 | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.58 | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.49 | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | 3.52 | | | | | | | | | | | | | | | | | | | |
| STD OXH55 Expected | | | 1.282 | | | | | | | | | | | | | | | | | | | |
| STD OXK69 Expected | | | 3.583 | | | | | | | | | | | | | | | | | | | |
| STD DS7 Expected | | | | 20.5 | 109 | 70.6 | 411 | 0.9 | 56 | 9.7 | 627 | 2.39 | 48.2 | 4.9 | 70 | 4.4 | 69 | 6.4 | 4.6 | 4.5 | 84 | |
| STD OREAS45PA Expected | | | | 0.9 | 600 | 19 | 119 | 0.3 | 281 | 104 | 1130 | 16.559 | 4.2 | 1.2 | 43 | 6 | 14 | 0.09 | 0.13 | 0.18 | 221 | |
| 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 | |
| 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 | |
| BLK | Blank | | <0.01 | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <0.01 | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <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 | |
| BLK | Blank | | <0.01 | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <0.01 | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <0.01 | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <0.01 | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <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 | |
| BLK | Blank | | | <0.1 | 0.2 | <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 | |

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 Vancouver BC V6E 2E9 Canada

Project: Rosetta Stone

Report Date: December 21, 2009

Page: 2 of 3 **Part** 2

QUALITY CONTROL REPORT

VAN09005988.1

| | | 1DX Ca % | 1DX P % | 1DX La ppm | 1DX Cr ppm | 1DX Mg % | 1DX Ba ppm | 1DX Ti % | 1DX B ppm | 1DX Al % | 1DX Na % | 1DX K % | 1DX W ppm | 1DX Hg ppm | 1DX Sc ppm | 1DX Ti ppm | 1DX S % | 1DX Ga ppm | 1DX Se ppm | |
|------------------------|----------|----------------|---------------|------------------|------------------|----------------|------------------|----------------|-----------------|----------------|----------------|---------------|-----------------|------------------|------------------|------------------|---------------|------------------|------------------|--|
| | | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | |
| STD OXH55 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXH55 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXK69 | Standard | | | | | | | | | | | | | | | | | | | |
| STD OXH55 Expected | | | | | | | | | | | | | | | | | | | | |
| STD OXK69 Expected | | | | | | | | | | | | | | | | | | | | |
| STD DS7 Expected | | 0.93 | 0.08 | 12 | 179 | 1.05 | 370 | 0.124 | 39 | 0.959 | 0.089 | 0.44 | 3.4 | 0.2 | 2.5 | 4.2 | 0.19 | 5 | 3.5 | |
| STD OREAS45PA Expected | | 0.2411 | 0.034 | 16.2 | 873 | 0.095 | 187 | 0.124 | | 3.34 | 0.011 | 0.0665 | 0.011 | 0.03 | 43 | 0.07 | 0.03 | 16.8 | 0.54 | |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | |

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Project: Rosetta Stone

Report Date: December 21, 2009

Page: 3 of 3 **Part** 1

QUALITY CONTROL REPORT

VAN09005988.1

| | | WGHT | G6 | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|-----------|------------|-------|-------|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|------|-----|-----|------|-----|------|-----|
| | | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V |
| | | kg | gm/mt | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm |
| | | 0.01 | 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 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | <0.01 | 0.02 | 0.3 | 2.0 | 2.9 | 47 | <0.1 | 3.9 | 4.3 | 525 | 1.89 | 2.2 | 2.2 | <0.5 | 3.9 | 61 | <0.1 | 0.8 | <0.1 | 37 |
| G1 | Prep Blank | <0.01 | <0.01 | 0.5 | 2.3 | 3.2 | 50 | <0.1 | 4.5 | 4.4 | 587 | 2.20 | 4.9 | 3.1 | <0.5 | 5.0 | 58 | <0.1 | 2.7 | <0.1 | 41 |



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Project: Rosetta Stone

Report Date: December 21, 2009

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

VAN09005988.1

| | | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | | |
|-----------|------------|------|-------|-----|-----|------|-----|-------|-----|------|-------|------|------|-------|-----|-----|-------|-----|------|--|
| | | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
| | | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| | | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | 0.55 | 0.075 | 8 | 9 | 0.56 | 232 | 0.141 | <20 | 0.94 | 0.079 | 0.50 | <0.1 | <0.01 | 1.9 | 0.3 | <0.05 | 5 | <0.5 | |
| G1 | Prep Blank | 0.57 | 0.083 | 10 | 11 | 0.61 | 270 | 0.148 | <20 | 0.98 | 0.076 | 0.53 | <0.1 | <0.01 | 1.9 | 0.4 | <0.05 | 5 | <0.5 | |



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Suite 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Vancouver
Received: January 07, 2010
Report Date: January 20, 2010
Page: 1 of 4

CERTIFICATE OF ANALYSIS

VAN09005988R.1

CLIENT JOB INFORMATION

Project: Rosetta Stone
Shipment ID:
P.O. Number
Number of Samples: 85

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 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|-----------------|-------------------|---|--------------|---------------|-----|
| M150 | 76 | Crush, Pulverize and Sieve 500g, save +150 and -150 mes | | Completed | VAN |
| Split +150 mesh | 81 | Analysis sample split/packet | | | VAN |
| Split -150 | 81 | Analysis sample split/packet | | | VAN |
| G602 | 81 | Metallics Fire Assay | 30 | Completed | VAN |

ADDITIONAL COMMENTS



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 Vancouver BC V6E 2E9 Canada

Project: Rosetta Stone
 Report Date: January 20, 2010

Page: 2 of 4 Part 1

CERTIFICATE OF ANALYSIS

VAN09005988R.1

| Method | M150 | G6 | G6.ME | G6.ME | G6.ME | |
|------------------------|------------|-------|-------|-------|--------|-------|
| Analyte | TotWt | -Au | +Wt | +Au | TotAu | |
| Unit | g | gm/mt | g | mg | gm/mt | |
| MDL | 1 | 0.01 | 0.01 | 0.005 | 0.01 | |
| 036175 | Drill Core | 505 | <0.01 | 13.04 | <0.005 | <0.01 |
| 036176 | Drill Core | 497 | 0.05 | 13.76 | 0.012 | 0.07 |
| 036177 | Rock Pulp | N.A. | 1.09 | I.S. | I.S. | I.S. |
| 036178 | Drill Core | 470 | 0.12 | 23.03 | <0.005 | 0.11 |
| 036179 | Drill Core | 493 | 0.40 | 23.45 | 0.015 | 0.41 |
| 036180 | Drill Core | 484 | 0.07 | 22.06 | <0.005 | 0.06 |
| 036181 | Drill Core | 500 | 0.21 | 23.06 | <0.005 | 0.20 |
| 036182 | Drill Core | 487 | 0.06 | 28.84 | <0.005 | 0.05 |
| 036183 DUP PULP 036182 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. |
| 036184 | Drill Core | 478 | 0.23 | 36.48 | 0.11 | 0.44 |
| 036185 | Drill Core | 527 | 0.33 | 22.82 | 0.032 | 0.38 |
| 036186 | Drill Core | 506 | 0.03 | 30.04 | <0.005 | 0.03 |
| 036187 | Drill Core | 493 | 0.02 | 27.23 | <0.005 | 0.01 |
| 036188 | Drill Core | 511 | <0.01 | 21.91 | <0.005 | <0.01 |
| 036189 | Rock | 532 | <0.01 | 17.33 | <0.005 | <0.01 |
| 036190 | Drill Core | 511 | <0.01 | 28.00 | <0.005 | <0.01 |
| 036191 | Drill Core | 503 | <0.01 | 29.68 | <0.005 | <0.01 |
| 036192 | Drill Core | 486 | <0.01 | 31.90 | <0.005 | <0.01 |
| 036193 | Drill Core | 514 | 0.03 | 33.08 | <0.005 | 0.03 |
| 036194 | Drill Core | 519 | 0.12 | 21.79 | <0.005 | 0.11 |
| 036195 | Rock Pulp | N.A. | 1.16 | I.S. | I.S. | I.S. |
| 036196 | Drill Core | 510 | 0.77 | 22.51 | 0.132 | 1.00 |
| 036197 | Drill Core | 506 | 0.74 | 30.20 | 0.071 | 0.84 |
| 036198 | Drill Core | 485 | 0.27 | 29.27 | 0.013 | 0.28 |
| 036199 | Drill Core | 498 | 0.59 | 33.53 | 0.027 | 0.61 |
| 036201 DUP PULP 036200 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. |
| 036200 | Drill Core | 494 | 0.17 | 24.45 | 0.008 | 0.18 |
| 036202 | Drill Core | 515 | 0.04 | 21.54 | <0.005 | 0.03 |
| 036203 | Drill Core | 527 | 0.01 | 25.24 | 0.028 | 0.07 |
| 036204 | Drill Core | 513 | <0.01 | 23.38 | <0.005 | <0.01 |



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Project: Rosetta Stone
Report Date: January 20, 2010

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CERTIFICATE OF ANALYSIS

VAN09005988R.1

| Method | M150 | G6 | G6.ME | G6.ME | G6.ME | |
|------------------------|------------|-------|-------|-------|--------|-------|
| Analyte | TotWt | -Au | +Wt | +Au | TotAu | |
| Unit | g | gm/mt | g | mg | gm/mt | |
| MDL | 1 | 0.01 | 0.01 | 0.005 | 0.01 | |
| 036205 | Drill Core | 514 | 0.48 | 22.70 | <0.005 | 0.46 |
| 036206 | Drill Core | 545 | 0.04 | 19.94 | <0.005 | 0.04 |
| 036207 | Rock | 539 | <0.01 | 21.28 | <0.005 | <0.01 |
| 036208 | Drill Core | 472 | 0.03 | 22.77 | <0.005 | 0.03 |
| 036209 | Drill Core | 480 | 0.56 | 28.16 | 0.101 | 0.74 |
| 036210 | Drill Core | 500 | 0.24 | 25.36 | <0.005 | 0.22 |
| 036211 | Drill Core | 499 | 0.10 | 26.18 | 0.007 | 0.11 |
| 036212 | Drill Core | 484 | 0.49 | 19.99 | 0.114 | 0.71 |
| 036213 | Drill Core | 511 | 0.32 | 22.00 | 0.096 | 0.50 |
| 036214 | Drill Core | 488 | 0.13 | 24.82 | <0.005 | 0.12 |
| 036215 | Drill Core | 490 | 0.23 | 18.23 | 0.018 | 0.26 |
| 036216 | Drill Core | 522 | 0.06 | 18.68 | <0.005 | 0.05 |
| 036217 | Rock Pulp | N.A. | 1.09 | I.S. | I.S. | I.S. |
| 036218 | Drill Core | 491 | 0.03 | 16.48 | <0.005 | 0.03 |
| 036219 | Drill Core | 492 | 0.10 | 21.56 | <0.005 | 0.10 |
| 036220 | Drill Core | 513 | 0.18 | 21.57 | 0.008 | 0.18 |
| 036221 | Drill Core | 502 | 0.32 | 20.89 | 0.018 | 0.35 |
| 036222 | Drill Core | 503 | 1.15 | 28.70 | 0.19 | 1.47 |
| 036223 DUP PULP 036222 | Drill Core | N.A. | N.A. | N.A. | N.A. | N.A. |
| 036224 | Drill Core | 507 | 0.28 | 22.50 | 0.015 | 0.30 |
| 036225 | Drill Core | 512 | 0.08 | 22.28 | <0.005 | 0.07 |
| 036226 | Drill Core | 495 | 0.02 | 25.12 | <0.005 | 0.02 |
| 036227 | Drill Core | 515 | 0.05 | 24.07 | 0.006 | 0.06 |
| 036228 | Drill Core | 489 | <0.01 | 24.82 | <0.005 | <0.01 |
| 036229 | Rock | 512 | <0.01 | 26.93 | <0.005 | <0.01 |
| 036230 | Drill Core | 488 | <0.01 | 18.58 | <0.005 | <0.01 |
| 036231 | Drill Core | 488 | 0.03 | 17.58 | <0.005 | 0.03 |
| 036232 | Drill Core | 458 | <0.01 | 15.61 | <0.005 | <0.01 |
| 036233 | Drill Core | 469 | <0.01 | 21.24 | <0.005 | <0.01 |
| 036234 | Drill Core | 490 | <0.01 | 22.24 | <0.005 | <0.01 |



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 Report Date: January 20, 2010

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CERTIFICATE OF ANALYSIS

VAN09005988R.1

| Method | M150 | G6 | G6.ME | G6.ME | G6.ME |
|---------|-----------------|-------|-------|-------|--------|
| Analyte | TotWt | -Au | +Wt | +Au | TotAu |
| Unit | g | gm/mt | g | mg | gm/mt |
| MDL | 1 | 0.01 | 0.01 | 0.005 | 0.01 |
| 036235 | Rock Pulp | N.A. | 1.07 | I.S. | I.S. |
| 036236 | Drill Core | 472 | <0.01 | 16.58 | <0.005 |
| 036237 | Drill Core | 480 | <0.01 | 17.13 | <0.005 |
| 036238 | Drill Core | 505 | <0.01 | 15.98 | <0.005 |
| 036239 | Drill Core | 470 | <0.01 | 16.30 | 0.013 |
| 036240 | DUP PULP 036240 | N.A. | N.A. | N.A. | N.A. |
| 036241 | Drill Core | 463 | 0.02 | 18.57 | <0.005 |
| 036242 | Drill Core | 474 | 0.13 | 16.19 | <0.005 |
| 036243 | Drill Core | 502 | 0.11 | 23.83 | <0.005 |
| 036244 | Drill Core | 490 | 0.10 | 23.72 | 0.012 |
| 036245 | Drill Core | 478 | 0.05 | 19.69 | <0.005 |
| 036246 | Drill Core | 474 | 0.05 | 14.32 | <0.005 |
| 036247 | Rock | 484 | <0.01 | 11.69 | <0.005 |
| 036248 | Drill Core | 486 | 0.13 | 10.24 | 0.015 |
| 036249 | Drill Core | 477 | 0.18 | 24.44 | <0.005 |
| 036250 | Drill Core | 465 | 0.39 | 23.66 | 0.066 |
| 036251 | Drill Core | 469 | 0.04 | 22.64 | <0.005 |
| 036252 | Drill Core | 479 | 0.02 | 22.49 | <0.005 |
| 036253 | Drill Core | 486 | 0.03 | 21.59 | <0.005 |
| 036254 | Drill Core | 456 | 0.02 | 24.33 | <0.005 |
| 036255 | Drill Core | 468 | 0.01 | 21.39 | <0.005 |
| 036256 | Drill Core | 482 | <0.01 | 20.92 | <0.005 |
| 036257 | Rock Pulp | N.A. | 1.06 | I.S. | I.S. |
| 036258 | Drill Core | 482 | <0.01 | 19.11 | <0.005 |
| 036259 | Drill Core | 486 | <0.01 | 26.42 | <0.005 |



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Report Date: January 20, 2010

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QUALITY CONTROL REPORT

VAN09005988R.1

| Method | M150 | G6 | G6.ME | G6.ME | G6.ME |
|---------------------|------------|-------|-------|--------|--------------|
| Analyte | TotWt | -Au | +Wt | +Au | TotAu |
| Unit | g | gm/mt | g | mg | gm/mt |
| MDL | 1 | 0.01 | 0.01 | 0.005 | 0.01 |
| Pulp Duplicates | | | | | |
| 036258 | Drill Core | 482 | <0.01 | 19.11 | <0.005 <0.01 |
| REP 036258 | QC | <0.01 | | | |
| Reference Materials | | | | | |
| STD OXH55 | Standard | 1.25 | | | |
| STD OXH55 | Standard | 1.24 | | | |
| STD OXH55 | Standard | 1.23 | | | |
| STD OXK69 | Standard | 3.47 | | | |
| STD OXK69 | Standard | 3.43 | | | |
| STD OXK69 | Standard | 3.43 | | | |
| STD OXP61 | Standard | 30.01 | | 0.453 | |
| STD OXP61 | Standard | 30.00 | | 0.447 | |
| STD OXP61 | Standard | 29.98 | | 0.454 | |
| STD OXP61 | Standard | 29.97 | | 0.452 | |
| STD OXP61 | Standard | 29.99 | | 0.454 | |
| BLK | Blank | <0.01 | | | |
| BLK | Blank | <0.01 | | | |
| BLK | Blank | <0.01 | | | |
| BLK | Blank | <0.01 | | | |
| BLK | Blank | 30.00 | | <0.005 | |
| BLK | Blank | 30.00 | | <0.005 | |
| BLK | Blank | <0.01 | | | |
| BLK | Blank | <0.01 | | | |
| BLK | Blank | 30.00 | | <0.005 | |
| BLK | Blank | 30.00 | | <0.005 | |
| BLK | Blank | 30.00 | | <0.005 | |
| Prep Wash | | | | | |
| G1 | Prep Blank | 468 | 0.03 | 10.28 | <0.005 0.03 |
| G1 | Prep Blank | 484 | <0.01 | 8.43 | <0.005 <0.01 |