BRITISH COLUMBIA

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

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]: 2005 GEOLOGICAL AND GEOCHEMICAL REPORT ON THE FALL PROPERTY

TOTAL COST: $7,906.94

AUTHOR(S): RICHARD MANN, ADRIAN NEWTON SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): SM1-2005-1650328-0509 MAY 9, 2005 YEAR OF WORK: 2005

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S): 4061153 - Dec 27, 2005

PROPERTY NAME: FALL

CLAIM NAME(S) (on which work was done): K15-4h, K15-4f, K15-4c

COMMODITIES SOUGHT: GOLD

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 104K046, 104K067, 104K111

MINING DIVISION: ATLIN NTS: 104K 15E

LATITUDE: 058 ° 55 ' 00 " LONGITUDE: 132 ° 40 ' 00 " (at centre of work)

OWNER(S)

1) BARRICK GOLD INC 2) RIMFIRE MINERALS CORPORATION

MAILING ADDRESS

PO BOX 11120, SUITE 700, 1055 W. GEORGIA ST
VANCOUVER BC V6E 3P3

700-700 WEST PENDER STREET
VANCOUVER, BC V6C 1G8

OPERATOR(S) [who paid for the work]

1) BARRICK GOLD INC 2)

MAILING ADDRESS

PO BOX 11120, SUITE 700, 1055 W. GEORGIA ST
VANCOUVER BC V6E 3P3

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

LABERGE GROUP, INKLIN FORMATION, SLOKO GROUP, SLOKO-HYDER PLUTONIC SUITE, NAHLIN FAULT, WATERFALL, KAOLINITE, ILLITE, CLAY, SUBAERIAL VOLCANICS

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 10701, 12797

(OVER)

TYPE OF WORK IN THIS REPORT GEOLOGICAL GEOCHEMICAL	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	1:20,000; 2.5 Km^2	K15-4C	$2,635.65
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock	29	K15-4C, K15-4f, K15-4h	$2,635.65
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	1:20,000; 6 Km^2	K15-4C, K15-4f, K15-4h,	$2,635.64
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	$7,906.94

2005 GEOLOGICAL and GEOCHEMICAL REPORT ON THE FALL PROPERTY VOLUME 1 (Text, Appendices, and Map)

Located in the Sutlahine River Area,
Atlin Mining Division
British Columbia, Canada

NTS: 104K-15E

058° 55' North Latitude
132° 40' West Longitude

Owned By:

Barrick Gold Incorporated
&
Rimfire Minerals Corporation

Work Performed By:

Barrick Gold Inc
Suite 700, 1055 West Georgia Street
P.O. Box 11120
Vancouver, BC
V6E 3P3

Submitted by

Richard K. Mann, B.Sc
Adrian C. Newton, B.Sc

February 15, 2006

EXECUTIVE SUMMARY

The Fall property consists of eight claims in the northern part of the Kizmet project area, a joint venture between Barrick Gold Inc. and Rimfire Minerals Corporation. The entire project covers an area approximately 90km long by 70km wide, and is located some 120km southeast of Atlin, British Columbia. The project covers a linear belt of Late Cretaceous igneous magmatic centres thought to be prospective for high sulphidation epithermal and other related styles of mineralization.

During the field season, one and a half days were spent on the Fall claim block. Geologic units in the area were verified and rocks were evaluated for alteration and potential to host mineralization. Out of 29 rock samples collected on the property; two samples returned anomalous values. Both anomalous samples were collected from clay altered undifferentiated felsic volcanics and gossanous sediments north of Yeth Creek. Alteration analysis of the collected samples with a Portable Infrared Mineral Analyzer (PIMA) yielded mildly encouraging results in the areas north of Yeth Creek where moderate argillic alteration minerals (kaolinite ± illite) were identified at higher elevations.

The source of the multi-element RGS anomaly that sparked interest in the property was not definitively located, although it likely that a small showing (Waterfall) is the source. New areas of moderate argillic alteration may be discovered in adjacent or nearby volcanic units of the Sloko Group with continued work, but based on current knowledge, little potential exists of finding a substantial deposit on the claims.

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APPENDICES

1.0 INTRODUCTION

This report describes exploration work carried out on the Fall claim group, located approximately 95 kilometres southeast of the town of Atlin, in Northwest British Columbia (Figure 1). Within the Fall property, Barrick Gold Inc. completed reconnaissance style prospecting and sampling on June 21st, as well as follow up prospecting mapping on July 13th, 2005. Fieldwork focused on areas highlighted by a multi-element RGS stream sediment anomaly (22ppb Au, 0.5ppm Ag, 450ppm Zn, 50ppm Hg, 160ppm As) and late Cretaceous to Neogene subaerial volcanics.

2.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The Fall claims lie in northwestern British Columbia, approximately 95km southeast of Atlin, 145km northwest of Telegraph Creek and 165km west of Dease Lake (Figure 1). The claims are located in British Columbia's Atlin Mining Division, centred at 58°55' north latitude and 132° 40' west longitude.

The Fall claim block lies on the northern edge of the Taku Plateau and is bound to the north by the Menatatuline Mountain Range. Streams from the local area drain into Yeth Creek before flowing into the Inklin River. Elevations range from 300m in the Yeth Creek valley to over 1800m in the mountains immediately north of the property. Exploration in 2005 focused between 300 and 1400m elevation.

The Fall claims can accessed by a combination of helicopter and float plane. Helicopter bases exist at Atlin and Dease Lake. King Salmon Lake, located 25km to the southeast of the Fall claim block is suitable for float equipped aircraft. An airstrip located at the Tulsequah Chief Mine (approximately 60km southwest of the claim block) provides access by plane on wheels. The Golden Bear Mine access road located 85 km to the southeast provides the closest road access.

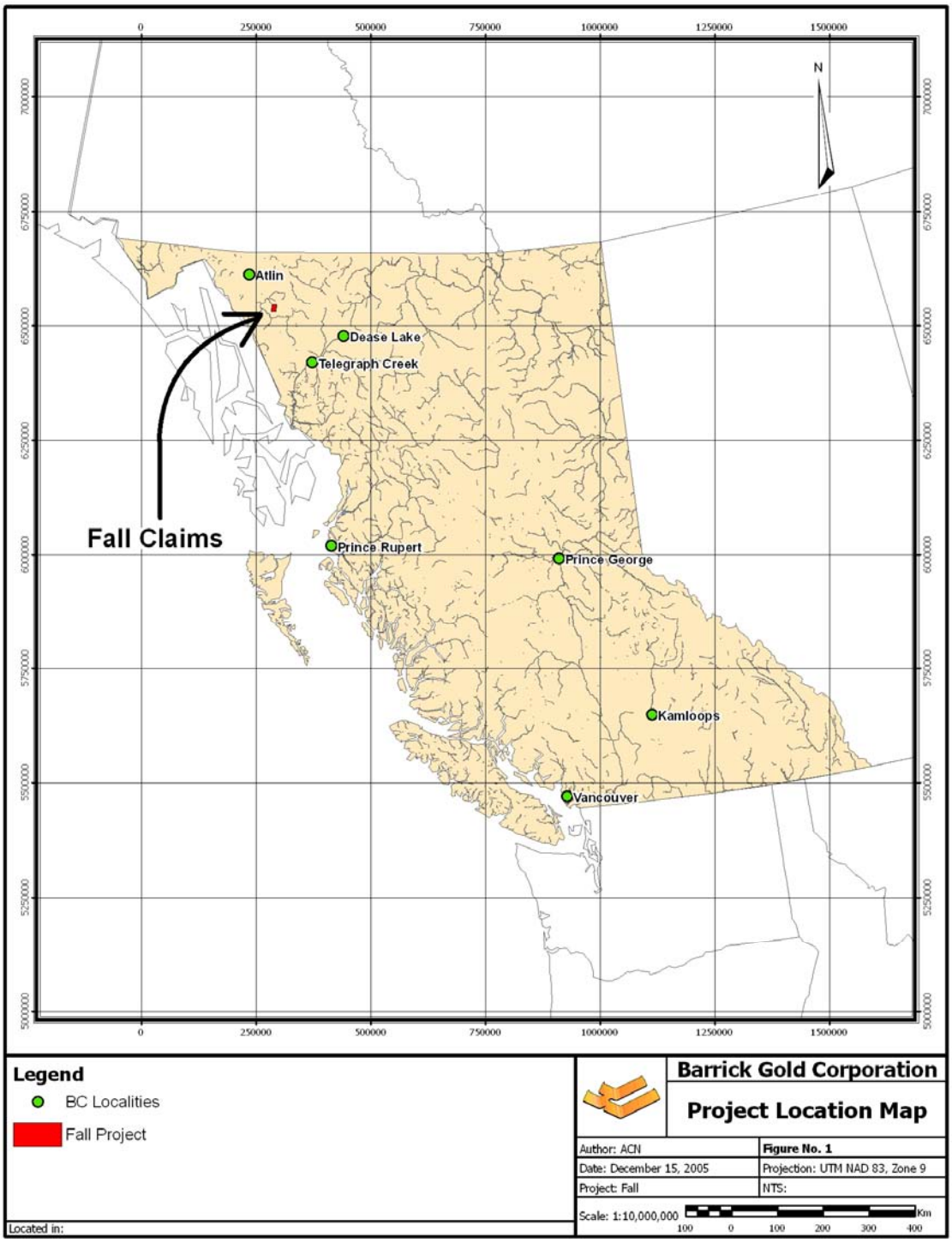

Figure 1. Project location map.

Below tree line (~925m), the Fall claims are covered by mature hemlock, spruce and locally fir. Open patches of devil's club, tag alder and wildfire burn are common. Summer and winter temperatures are best described as moderate. Annual rainfall in the Fall claim region may exceed 200cm per year; precipitation commonly falls as several metres of snow at higher elevations. The ideal exploration season for the Fall claims extends from early June until late September.

3.0 CLAIM STATUS

The Fall Claims consists of 8 contiguous claims (listed in Table 1). The Fall claim block is approximately 8.3km long by 4.0km wide and covers an area of 32.75km^2 (3275 Ha) (Figure 2; Map 1).

In January 2005, Barrick Gold Inc. entered into a joint venture agreement with Rimfire Minerals Corporation that includes all mineral titles included in the Fall property, listed in Table 1. Work was carried out by Barrick Gold Inc.

Current government records indicate that these claims are in good standing until the respective expiry dates listed.

Table 1: FALL – List of Fall Mineral Titles

CLAIM NAME	TENURE NO.	DATE RECORDED	EXPIRY DATE	CLAIM STANDING
K15-4c	502136	2005/JAN/12	2006/JAN/12	GOOD
K15-4d	502152	2005/JAN/12	2006/JAN/12	GOOD
K15-4a	502164	2005/JAN/12	2006/JAN/12	GOOD
K15-4b	502183	2005/JAN/12	2006/JAN/12	GOOD
K15-4f	502220	2005/JAN/12	2006/JAN/12	GOOD
K15-4g	502237	2005/JAN/12	2006/JAN/12	GOOD
K15-4h	502258	2005/JAN/12	2006/JAN/12	GOOD
K15-4ee	502362	2005/JAN/12	2006/JAN/12	GOOD

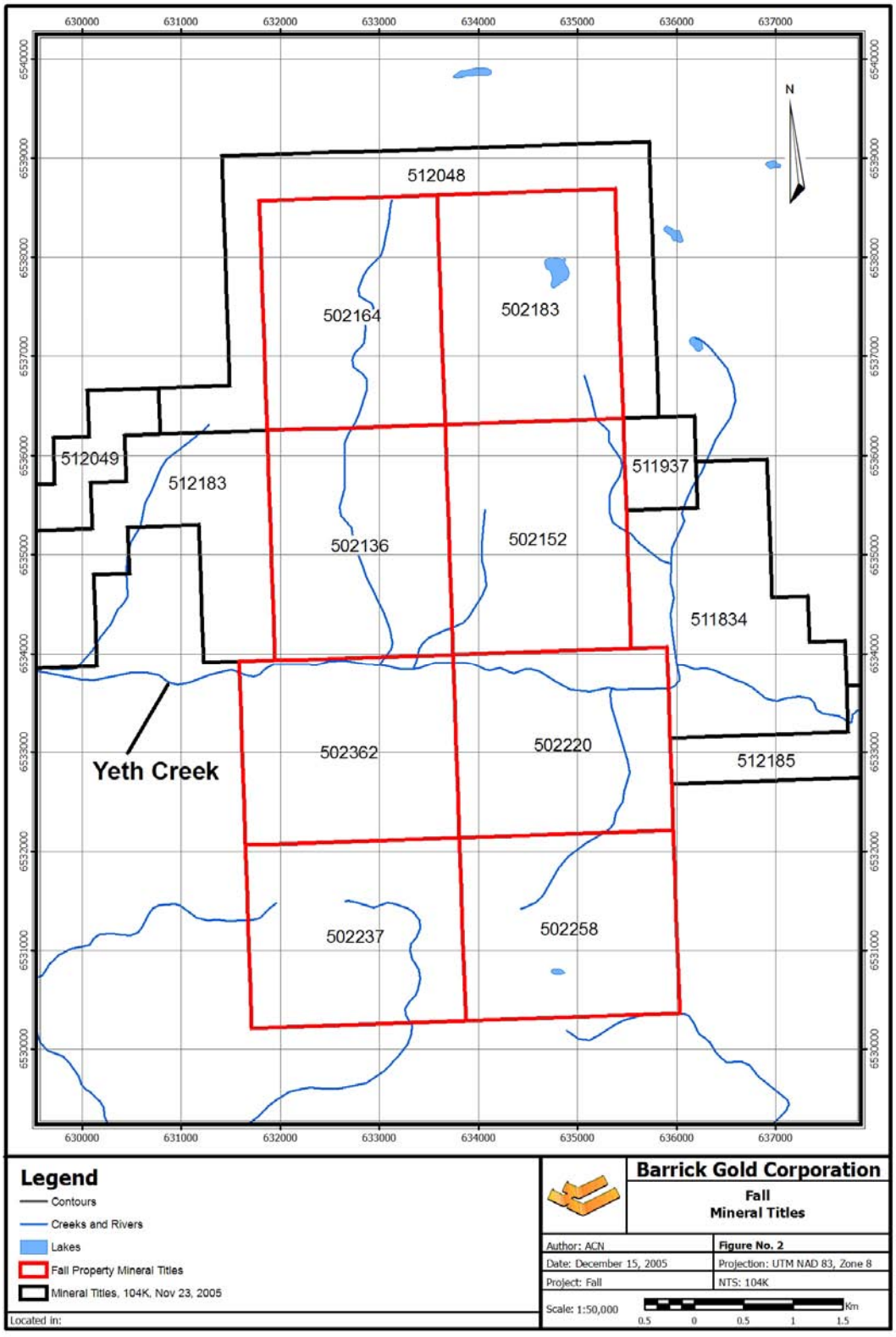

Figure 2. Mineral Titles.

4.0 EXPLORATION HISTORY

The claim blocks comprising the Fall contain three Minfile occurrences Brief reconnaissance style work was carried out at these showings in 1982; only one sample returned anomalous assay values on the Goat Claims while three samples were anomalous on the Ho Claims (Table 2).

Table 2: FALL – Exploration History

Owner/Historic Claim	CLAIMS	Geochemistry	Geophysical	Drilling Trenching	Author	REPORT No.	Expenditures
Chevron Standard	GOAT	Grab samples	NONE	NONE	Brown, D., Shannon, K.	10701	Undisclosed
Chevron Canada Resources	HO	Grab samples	NONE	NONE	Walton, G.	12797	Undisclosed

5.0 2005 EXPLORATION PROGRAM

Geological field reconnaissance mapping and sampling was carried out by a 4 person crew on June 21st and July 13th. Expenditures are detailed in Appendix II.

Exploration in 2005 was based out of a camp at King Salmon Lake. Transportation to the property was carried out by a Hughes 500D helicopter, which was operated by Northern Air Support.

Reconnaissance style property sampling and minor mapping were conducted. 29 rock samples were collected. All samples collected were shipped to ALS Chemex Laboratories in Vancouver. Analyses requested consisted of ALS Lab Code Au-ICP21 (gold fire Assay by ICP-AES) and ALS Code ME-ICP41m (34 elements by aqua regia acid digestion and ICP-AES plus Hg (0.01-100 ppm) by cold vapour). ALS Chemex performs rigorous internal QAQC procedures including insertion and monitoring of standards, blanks and duplicates. Results reported here have passed the lab's internal QAQC standards. Geochemical analyses are listed in

Appendices IV and V. Geochemical results and methods have also undergone QAQC analysis performed by Barrick Gold Inc. and are reported in Appendix VII.

Mineral potential evaluation was carried out on the following claim blocks: 201361, 201551, 201081, 201241, 201921, 202301, 202091, and 203341. Prospecting was carried out on the following claim blocks: 201081, 201241, 201921 and 202301. Geochemical sampling was carried out on the following claim blocks: 201081, 201921, and 202301. Geological Mapping was carried out on the following claim blocks: 201801. Mapping was carried out at a scale of 1:20,000 and covered ~2.5 km^2. Prospecting covered ~ 6 km^2.

Software programs used in support of the exploration of the property and the preparation of the report are: ArcGIS V.9.0, Microsoft Word and Excel 2003, Adobe Acrobat 7.0, and AcQuire V3.7.7.

6.0 REGIONAL GEOLOGY

The region surrounding the Fall property is collectively underlain by the tectonostratigraphic terranes Stikinia and Cache Creek; Stikinia being the host terrane for the property. These terrains are predominantly composed of Paleozoic and Mesozoic volcanic arc assemblages and related sedimentary rocks that were accreted onto the western North American continental margin no later than early Middle Jurassic (Mihalynuk, 1999; Bacon, 1990; Hart, 1995; Simmons et al., 2005).

The arc assemblages within Stikinia (mainly the Carboniferous to Triassic Stikine assemblage and Upper Triassic Stuhini Group) are overlain by the Lower to Middle Jurassic Laberge Group clastic sedimentary sequence. The southwest verging movement of the King Salmon Thrust (Thorstad and Gabrielse, 1986) facilitated the emplacement of the Laberge Group and the foredeep clastics of the proto-Bowser Basin (Ricketts, et al., 1992; Mihalynuk, 1999). Laberge Basin sedimentation ceased by the latest Middle Jurassic, marking the beginning of a period of tectonic quiescence and a magmatic lull lasting approximately 50 million

years. Within the now adjacent Cache Creek Terrane, magmatism is represented by the intrusion of the Three Sisters Plutonic suite emplaced during the Middle Jurassic. Strike slip deformation dominated the tectonic regime of the Northern Cordillera by the Cretaceous Period and is responsible for the current configuration of the Stikine and Cache Creek Terranes which are separated by the regionally extensive Nahlin Fault. Magmatism resumed at 90Ma – 79Ma as the Windy Table Suite as defined by Simmons et al, (in press) and is accepted as a mineralizing event for high sulphidation epithermal and related styles of mineralization in the region. Magmatism again resumed at 58.5 - 53Ma (Mihalynuk, 1999) with the onset of the Sloko Magmatic Epoch consisting of intermediate to felsic magmatic rocks. This event is marked by erosional remnants of voluminous eruptions of volcanic rocks and coeval semi-circular granitic plutons.

A generalized regional geology map is included on the following page for reference purposes (Figure 3).

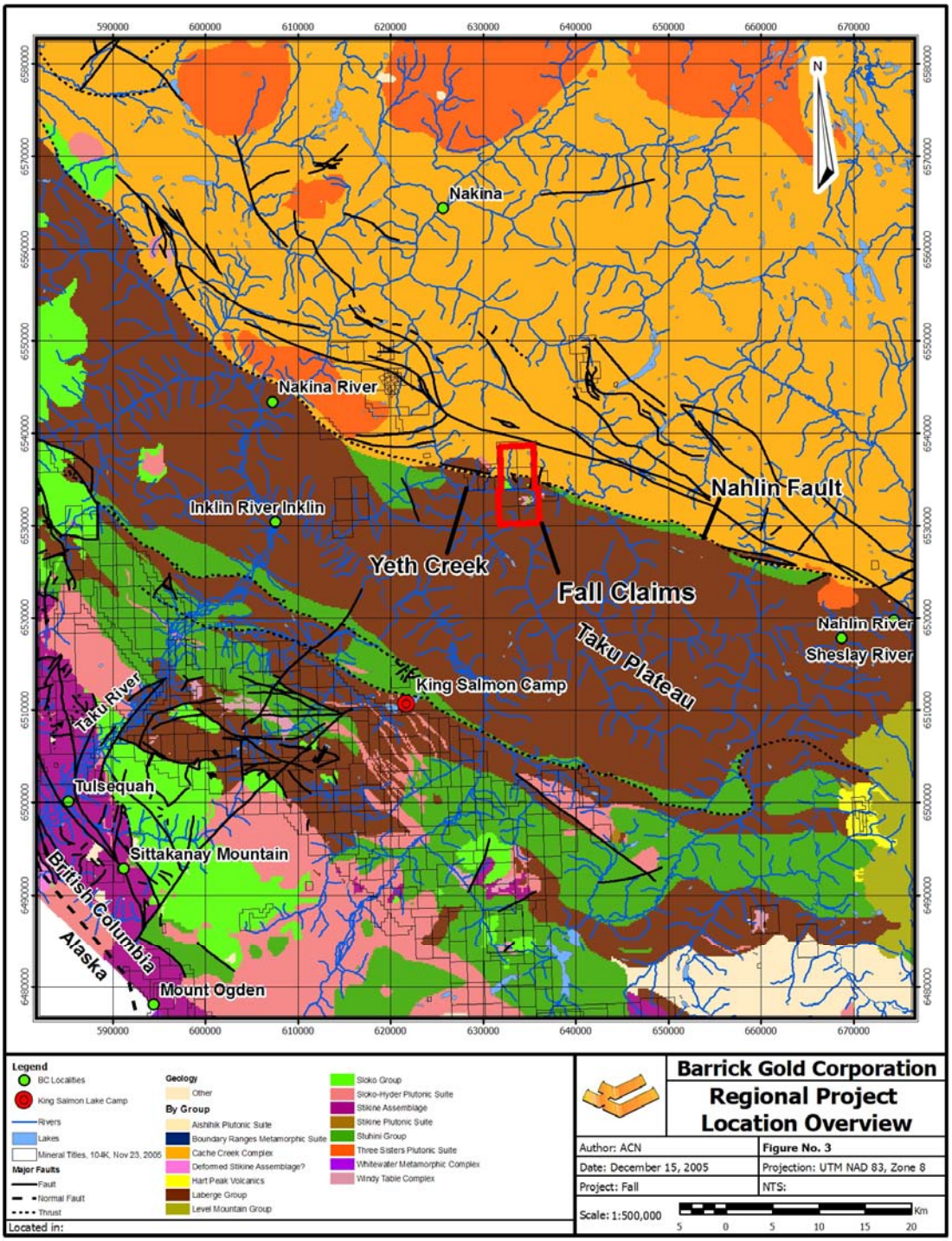

Figure 3. Regional Geology Overview.

7.0 PROPERTY GEOLOGY

The Fall claims are located across a significant terrane boundary near the northern edge of the Taku Plateau (Figure 3); one passes abruptly from rocks of the Laberge Group sediments (Inklin formation) in the south, to those of the Cache Creek Complex in the north as a result of the Nahlin Fault (Mihalynuk, 2003).

Souther (1971) describes the Cache Creek Complex in this area as Permian-aged peridotite and serpentine with small irregular bodies of gabbro and pyroxene diorite. Interfingered with this larger group are fine to medium-grained gabbros and pyroxene diorites. Further north of the Fall, Permian limestone and dolomitic limestone with minor chert, argillite, and sandy limestone are present and are included as part of the Cache Creek Complex.

The Nahlin Fault, with a traced distance of over 400km, has been interpreted by Souther (1971) to be a near vertical, crustal-scale feature responsible for the uplift of the Atlin Horst to the north. Along its length, the fault width and complexity vary greatly, but in the area near the Fall property, movement appears to have been restricted to a single fault plane composed of up to 15m of highly sheared and hydrothermally altered serpentinite (Souther, 1971). This portion of the fault zone was not observed by workers during the 2005 season. Regardless, the Nahlin Fault largely influenced the regional-scale folding that was taking place during the mid-Triassic and Upper Jurassic, making it one of the oldest structures in the region (Souther, 1971).

To the south of the Nahlin Fault, the sediments of the Inklin Formation (Laberge Group) dominate. The formation is composed of Lower and Middle Jurassic greywackes, siltstones, silty sandstones, pebbly mudstones, and limey pebble conglomerates (Souther, 1971). Thick-bedded greywackes typically dominate localities of the Fall property although some well-bedded mudstones were also observed.

Subsequent magmatic activity from the Late Cretaceous-Early Tertiary Sloko Plutonic Suite has resulted in the emplacement of several stocks on the Fall property. Accompanying these intrusive bodies are less extensive Sloko Group volcanics. Both volcanic tuffs and flows were observed in 2005 on steep exposures of the Fall property north of Yeth Creek.

Activity by glaciers in the Quaternary period has largely blanketed the area with between 5-10m of till; bedrock is generally only exposed in the steep scarp faces which pervade much of the property (Figure 4).

Figure 4. View looking approximately north at scarp faces present on much of the property.

7.1 Geological Mapping

The focus of the fieldwork carried out by Barrick Gold in 2005 was to conduct a prospecting style evaluation of the property to determine if further detailed work

was warranted. No detailed geologic mapping was carried out; rather, observations were made to verify the nature and extent of known or newly discovered geologic units on the property and determine the hosting potential for mineralization. This approach resulted in approximately 1:20:000-scale mapping which focussed on Late Cretaceous to Paleogene aged volcanics and their intrusive equivalents. Since most of the flat-lying terrain on the property was blanketed in till, work was carried out on several of the steep scarp faces.

Work carried out on the south side of Yeth Creek identified primarily greywackes of the Laberge Group with lesser pockets of well-bedded black mudstones. Minor intrusive rocks from the Sloko Plutonic Suite were also identified in outcrop in the form of dikes. One piece of float located in a creek on this part of the property was identified as a breccia, likely volcanic in origin.

On the north side of Yeth Creek, a 50-200m thick sequence of weakly to moderately clay altered volcanic tuffs and flows were located in scarp faces, unconformably overlying rusty sediments of the Laberge Group. A crosscutting volcanic feeder and dome were also identified on one of these scarp faces (Figure 5). Alteration of units in this area, later identified as kaolinite and illite, locally obscures many of the primary textures of the rocks.

Figure 5. Flow dome and feeder on the Fall property.

7.2 Alteration and Mineralization

Of the 29 rock samples collected on the Fall property, two returned significant results (Map 1, Table 3, Appendix V). Significant results were defined as >50 ppb Au, >2.5 ppm Ag, and >1000 ppm Pb, Zn, or Cu based on results from the larger Kizmet regional program. Sample KZ05R2063 contained blebs of pyrite and veinlets likely to be sphalerite. The host lithology was not identifiable due to alteration, but could be either a volcanic or sedimentary rock. This float sample was collected approximately 60m away from a known Minfile showing (104K067, Waterfall). Sample KZ05R3034 contained no visible mineralization, was weakly clay altered and was classified as a felsic volcanic.

Table 3: FALL - Significant Rock Sample Results

Sample Number	Width (cm)	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)
KZ05R2063	FLOAT	0.0005	**3.3**	447	**2040**	45	959	0.32
KZ05R3034	GRAB	0.006	**6.1**	68	169	6	42	0.01

The style of mineralization observed on the property consisted primarily of disseminated to blebby pyrite, both in sedimentary rocks on the south side of Yeth Creek and in undifferentiated felsic volcanics on the north side of Yeth Creek.

PIMA analysis results of samples collected on the south side of Yeth Creek were generally disappointing. All but two samples contained one or some combination of illite, chlorite, muscovite indicating only weak alteration in this part of the system (Map 1). PIMA results from samples collected on the north side of Yeth Creek were more encouraging, with most samples containing one or some combination of illite and kaolinite (Map 1). The samples with kaolinite were consistently located at higher elevations on the property, while those containing illite were typically located at lower elevations; this provides a sense of the alteration zonation of the system. The clay alteration may indicate that a significant event of hydrothermal activity took place in the area.

8.0 DISCUSSION

Although limited work was conducted on the Fall claims during the 2005 field season, the prospecting style of work indicates that there are no significant zones of mineralization. Moderate argillic alteration of Sloko Group volcanics north of Yeth Creek is encouraging and is indicative of a significant hydrothermal event. There does not seem to have been any significant mineralization accompanying this alteration event. The definitive source for the RGS stream sediment anomaly was not identified during fieldwork in 2005. A small (<3m X 6m) gossanous vein showing, known as the Waterfall which is located upstream of the RGS sample, may be the source for the anomaly. This showing does not appear to extend more than a few metres in any direction. Although favourable geologic units with

moderate argillic alteration were encountered on the north side of Yeth Creek, their extents and apparent lack of mineralization indicate there is little potential to host a significant epithermal deposit.

9.0 RECOMMENDATIONS

The steep topography of the exposures and the till which covers much of the property would make it difficult to significantly expand on the knowledge gained from work this year. New areas of moderate argillic alteration may be discovered in adjacent or nearby volcanic units of the Sloko Group, but based on current knowledge, little potential exists of finding a substantial deposit on the claims. Based on poor overall assay results, no further work is recommended for the Fall property at this time.

APPENDIX I

BIBLIOGRAPHY

Bibliography

Bacon, C.R., Foster, H.L. and Smith, J.G. (1990): Rhyolitic Calderas of the Yukon-Tanana Terrane, East Central Alaska: Volcanic Remnants of a Mid-Cretaceous Magmatic Arc; Journal of Geophysical Research, Volume 95, Number B13, pages 21,451-21,461.

Brown, D., Shannon, K. (1982): Assessment report on the Goat Claims. British Columbia Ministry of Energy and Mines Assessment Report # 10,701.

Hart, C.J.R. (1995): Magmatic and tectonic evolution of the Intermontane Superterrane and the Coast Plutonic Complex in southern Yukon Territory; unpublished M.Sc. thesis, The University of British Columbia, 198 pages.

Mihalynuk, M.G. (1999): Geology and Mineral Resources of the Tagish Lake Area, Northwestern British Columbia; British Columbia Ministry of Energy and Mines Bulletin 105, 201 pages.

Ricketts, B. D., Evenchick, C. A., Anderson, R. G., and Murphy, D. C., 1992, Bowser basin, northern British Columbia: constraints on the timing of initial subsidence and Stikinia-North America terrane interactions: Geology, v. 20, p. 1119-1122.

Simmons, A.T., Tosdal, R.M., Baker, D.E.L., Friedman, R.M. and Ullrich, T.D. (2005a): Late Cretaceous Volcano-Plutonic Arcs in Northwestern British Columbia: Implications for Porphyry and Epithermal Deposits; in Geological Fieldwork 2004, Grant, B. and Newell, J.M., Editors, B.C. Ministry of Energy Mines and Petroleum Resources, Paper RR15, pages 347-360.

Simmons, A.T., Tosdal, R.M. and Baker, D.E.L. (2005b): Thorn Au-Ag Prospect: A Geologic Framework for Late Cretaceous Porphyry-Epithermal Mineralization in Northwest British Columbia Canada; Oral Presentation Abstract for the 2005 GSN Conference, Geological Society of Nevada.

Souther, J.G. (1971): Geology and Mineral Deposits of the Tulsequah map-area, British Columbia; Geological Survey of Canada, Memoir 362, 84 pages.

Thorstad, L.E., and Gabrielse, H. (1986): The Upper Triassic Kutcho Formation, Cassiar Mountains, north-central British Columbia; Geological Survey of Canada, Paper 86-16, 53 pages.

Walton, G. (1984): Assessment report on the Ho Claims. British Columbia Ministry of Energy and Mines Assessment Report # 12,797.

APPENDIX II

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES

PROFESSIONAL FEES AND WAGES

Full time and contract employees worked on the property on June 21st, and then on July 13th, 2005 totalling 4.5 person days. Compilation and report writing was conducted discontinuously between May 1st and Dec 15th, 2005, for a total of 4 person days.

Full Time Staff		
Richard Mann	4.25 days @$300/day	$1,275.00
Adrian Newton	2 days @$300/day	$ 600.00
Martin Stewart	0.25 days @$300/day	$ 75.00
Contract Staff		
Yvonne Thornton	1 day @ $264.60/day	$ 264.60
Marc Cianci	1 day @ $183.60/day	$ 183.60
		$2,398.20

Helicopter costs are based on actual costs to and from camp on June 21st and July 13th, 2005. Camp costs, and other costs related to transportation, field consumables, fuel and camp food were calculated proportionally based on time allotted to the property versus that of an ongoing regional exploration program.

LOGISTICS		
Travel Expenses		$ 177.16
Fuel		$ 367.98
Camp Costs	4.5 days @ $28.24/day	$ 127.10
Field Consumables, Materials & Supplies		$ 132.58
Helicopter Charters (3 hrs @ ave rate $815.00/hr + $18.06 mob)		$2,463.06
Aircraft Charters		$ 466.53
Freight and Shipping		$ 151.40
Communications		$ 103.75
Camp Food		$ 96.46
		$4,086.02
TECHNICAL STUDIES		
Analytical Work		
29 rock samples at an average cost of $34.08/sample		$ 988.32
Maps, TRIM Topo, Publications & Reproductions		$ 35.24
PIMA Analysis and Interpretation	29 samples @ $10/sample	$ 290.00
		$1,313.56
SERVICES		
Expediting		$109.16
		$109.16
Total:		**$7,906.94**

TOTAL WORK FILED FOR ASSESSMENT CREDIT: **$7,906.94**

APPENDIX III

STATEMENTS OF QUALIFICATION

STATEMENT OF QUALIFICATIONS

I, Richard K. Mann, of 1322 Apel Drive, Port Coquitlam, British Columbia, do hereby certify that:

1. I am presently employed by Barrick Gold Corporation of 700-1055 West Georgia Street, Vancouver, British Columbia. V6E 3P3.

2. I am a graduate of the University of British Columbia, Vancouver, BC (1999, BSc in Geology)

3. I have been employed in my profession as an Exploration Geologist since graduation.

4. I am duly registered as a Professional Geoscientist in training in the Province of British Columbia (#131934).

5. I have no interest in the property described herein, nor in the securities of any company associated with the property, nor do I have any plans to acquire any such interest.

Signed at Vancouver, British Columbia this 15th day of February, 2006.

_____

Richard K. Mann, B.Sc., GIT

STATEMENT OF QUALIFICATIONS

I, Adrian C. Newton, of 1655 22nd St, West Vancouver, British Columbia, do hereby certify that:

1. I am presently employed by Barrick Gold Corporation of 700-1055 West Georgia Street, Vancouver, British Columbia. V6E 3P3.

2. I am a graduate of Simon Fraser University, Vancouver, BC (2004, BSc in Earth Sciences)

3. I have been employed in my profession as an Exploration Geologist since graduation.

4. I am duly registered as a Geoscientist in training in the Province of British Columbia (#145726).

5. I have no interest in the property described herein, nor in the securities of any company associated with the property, nor do I have any plans to acquire any such interest.

Signed at Vancouver, British Columbia this 15th day of February, 2006.

Adrian C. Newton, B.Sc., GIT

APPENDIX IV

ANALYTICAL PROCEDURES
AND
ASSAY CERTIFICATES

Analytical Procedures

All samples were analyzed at:
ALS Chemex Laboratories
212 Brooksbank Avenue, North Vancouver, BC, Canada,
V7J 2C1
Phone: (604) 984-0221 Fax: (604) 984-0218 Website: www.alschemex.com

Rock Samples

PREP-31	Log sample in tracking system and record weight. Fine crush entire sample and pulverize a 250g split to >85% passing 75 micron.
WSH-21 PUL-31	Clean crusher with barren material after every 10th sample * Pulverize material to >85% passing 75 micron.
Au-ICP21	Gold assay (1-10,000 ppb) by 30g fire assay and ICP-AES analysis
ME-ICP41m	34 elements by aqua regia acid digestion and ICP-AES plus Hg (0.01-100ppm) by cold vapour-AA
Ag-GRA21	Ag (5-10,000 ppm) by 30g fire assay – gravimetric finish on samples reporting >50 ppm by ME-ICP41m

ME-ICP41 – Elements and ranges (ppm) For elements marked with * digestion will be incomplete for most sample matrices							
Ag	0.2-100	Co	1-10,000	Mn	5-10,000	Sr*	1-10,000
Al*	0.01%-15%	Cr*	1-10,000	Mo	1-10,000	Ti*	0.01%-10%
As	2-10,000	Cu	1-10,000	Na*	0.01%-10%	Tl*	10-10,000
B*	10-10,000	Fe	0.01%-15%	Ni	1-10,000	U	10-10,000
Ba*	10-10,000	Ga*	10-10,000	P	10-10,000	V	1-10,000
Be*	0.5-100	Hg	1-10,000	Pb	2-10,000	W*	10-10,000
Bi	2-10,000	K*	0.01%-10%	S*	0.01%-10%	Zn	2-10,000
Ca*	0.01%-15%	La*	10-10,000	Sb*	2-10,000		
Cd	0.5-500	Mg*	0.01%-15%	Sc*	1-10,000		

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VANCOUVER BC V6E 3P3

Finalized Date: 21-JUL-2005
Account: ATC

CERTIFICATE VA05055640

Project: KIZMET-2052

P.O. No.: KZ-2

This report is for 199 Rock samples submitted to our lab in Vancouver, BC, Canada on 9-JUL-2005.

The following have access to data associated with this certificate:

ROBERT BROWN ACCOUNTS PAYABLE	BARRICK KIZMET	RICHARD MANN

SAMPLE PREPARATION

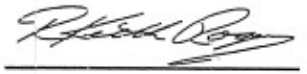
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: **BARRICK GOLD CORPORATION**
ATTN: ACCOUNTS PAYABLE
PO BOX 11120
700-1055 W GEORGIA ST
VANCOUVER BC V6E 3P3

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

Signature: 

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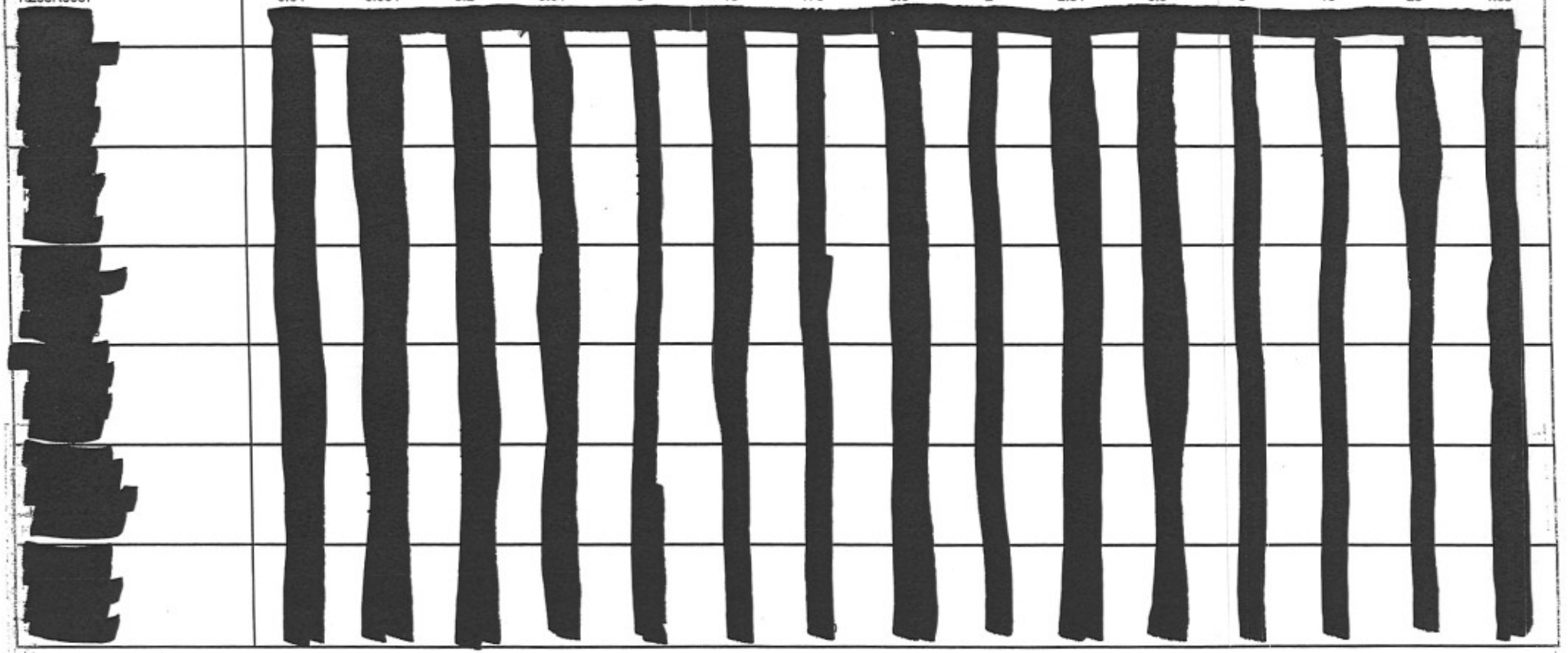
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05055640

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
KZ05R0051		0.14	<0.001	<0.2	1.19	<2	<10	220	<0.5	<2	0.64	<0.5	4	64	7	2.47
KZ05R0052		0.28	<0.001	<0.2	0.12	<2	<10	<10	<0.5	<2	0.08	0.5	94	355	15	4.95
KZ05R0053		0.42	0.025	1.3	0.13	100	<10	20	0.7	<2	>25.0	<0.5	1	2	4	1.92
KZ05R0054		0.66	0.001	<0.2	0.90	4	<10	80	<0.5	<2	2.00	<0.5	7	27	11	1.48
KZ05R0055 A		0.64	<0.001	<0.2	0.54	2	<10	850	0.5	<2	2.83	<0.5	3	5	1	1.81
KZ05R0055 B		<0.02	<0.001	<0.2	0.58	<2	<10	800	0.6	<2	2.78	<0.5	2	7	1	1.83
KZ05R0056		0.68	0.001	0.2	1.34	7	<10	200	0.5	<2	8.41	0.5	7	20	26	2.41
KZ05R0057		0.64	<0.001	0.2	0.61	6	<10	170	0.6	<2	2.51	0.9	3	18	23	1.65



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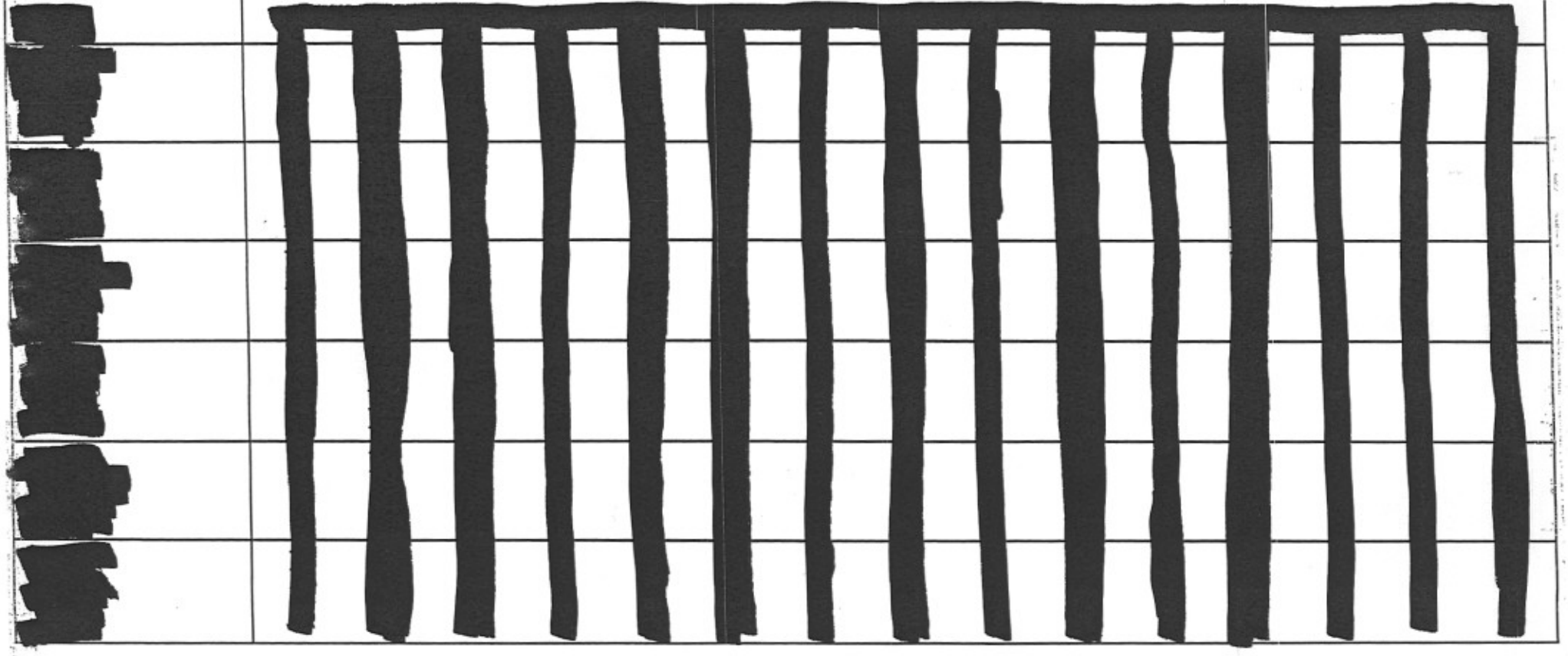
Finalized Date: 21-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05055640

Sample Description	Method	ME-ICP41	Hg-CV41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	0.01	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
KZ05R0051		10	<0.01	0.52	10	0.62	574	<1	0.10	6	790	6	0.01	<2	3	75
KZ05R0052		<10	<0.01	<0.01	<10	18.05	698	<1	<0.01	2050	10	<2	<0.01	<2	4	2
KZ05R0053		<10	0.04	0.04	<10	3.27	5610	2	0.03	5	70	44	0.7	16	<1	919
KZ05R0054		10	0.01	0.13	20	0.61	512	<1	0.07	17	860	8	0.03	<2	5	70
KZ05R0055 A		<10	0.36	0.31	20	0.32	822	1	0.05	<1	780	16	0.14	<2	1	301
KZ05R0055 B		<10	0.40	0.32	30	0.31	803	1	0.04	<1	770	15	0.13	<2	1	298
KZ05R0056		10	0.04	0.19	20	0.73	536	1	0.06	17	800	15	0.13	2	4	363
KZ05R0057		<10	0.03	0.24	10	0.54	685	2	0.04	9	320	28	0.18	<2	2	182



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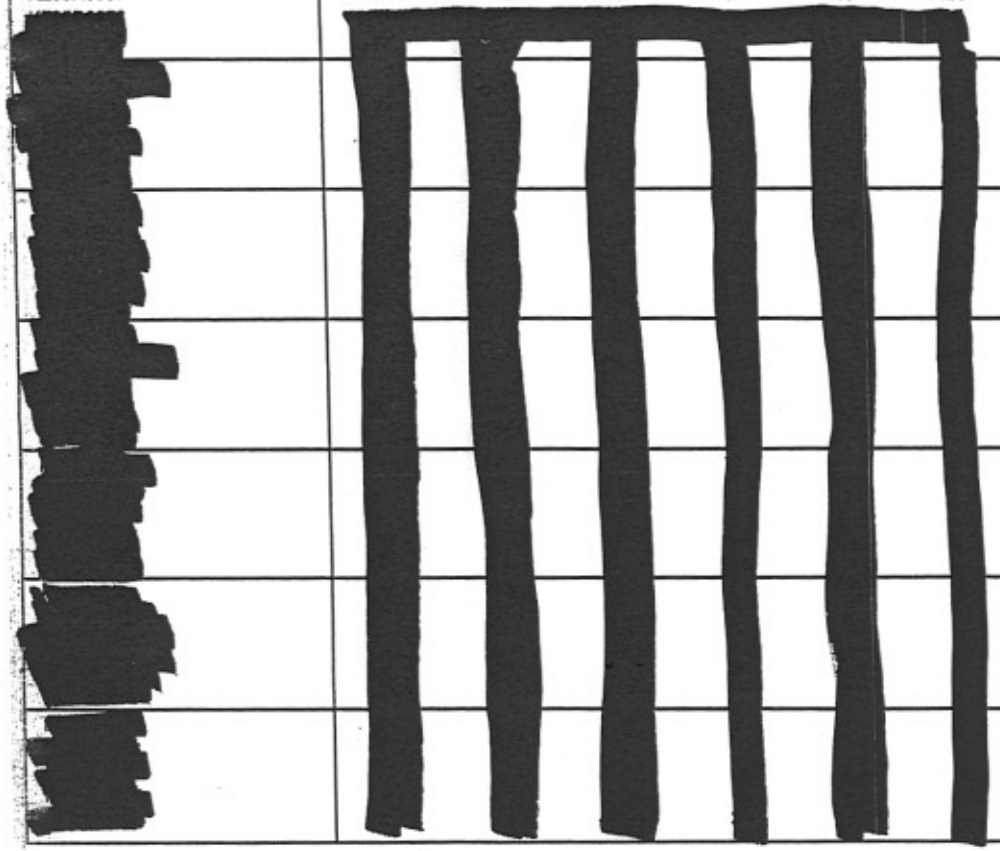
Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05055640

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Pb-AA46
	Analyte	Tl	Tl	U	V	W	Zn	Pb
	Units	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	10	1	10	2	0.01
KZ05R0051		0.16	<10	<10	42	<10	48	
KZ05R0052		<0.01	<10	<10	12	<10	37	
KZ05R0053		<0.01	<10	<10	5	<10	254	
KZ05R0054		0.01	<10	<10	46	<10	69	
KZ05R0055 A		<0.01	<10	<10	8	<10	53	
KZ05R0055 B		<0.01	<10	<10	8	<10	52	
KZ05R0056		0.01	<10	<10	44	<10	84	
KZ05R0057		<0.01	<10	<10	10	<10	120	



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CERTIFICATE OF ANALYSIS VA05055640

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
[redacted]																
KZ05R2058		0.46	<0.001	0.2	0.79	3	<10	700	<0.5	<2	2.18	<0.5	4	17	2	1.93
KZ05R2059		0.44	<0.001	<0.2	0.93	2	<10	140	<0.5	<2	3.36	<0.5	5	11	<1	2.53
KZ05R2060		0.72	0.010	0.2	0.59	<2	<10	180	<0.5	<2	2.13	0.5	5	16	2	2.45
KZ05R2061		0.64	<0.001	0.3	0.45	3	<10	810	<0.5	<2	1.98	0.7	6	22	14	2.76
KZ05R2062		0.70	0.001	0.5	0.61	41	<10	90	1.0	<2	6.38	8.7	16	33	99	4.27
KZ05R2063		0.50	<0.001	3.3	0.33	959	<10	160	<0.5	<2	4.55	13.1	12	43	45	6.23
CLEAN ROCK9		<0.02	<0.001	<0.2	1.70	6	<10	70	<0.5	<2	0.96	<0.5	11	76	24	2.63
KZ05R2064		0.76	0.049	0.6	0.44	5	<10	70	<0.5	<2	0.90	<0.5	18	7	778	6.72
KZ05R2065		0.90	<0.001	<0.2	0.01	<2	<10	10	<0.5	<2	0.12	<0.5	21	19	1	1.03
KZ05R2066		0.66	0.002	0.4	1.56	75	<10	110	<0.5	<2	2.32	4.1	9	18	20	2.91
KZ05R2067		0.46	<0.001	<0.2	0.71	8	10	50	<0.5	<2	3.34	<0.5	4	2	3	3.05
KZ05R2068		0.72	<0.001	0.2	0.51	7	<10	50	<0.5	<2	2.25	1.3	2	8	20	2.11
[redacted]																
KZ05R2070		0.84	0.013	0.6	1.09	72	<10	20	<0.5	6	1.43	0.5	22	159	258	7.08
KZ05R2071		0.48	0.001	<0.2	0.73	3	<10	150	<0.5	<2	2.76	<0.5	6	3	37	3.24
KZ05R2072		0.34	0.011	0.8	0.63	70	<10	110	<0.5	<2	0.21	<0.5	5	4	10	2.39
[redacted]																

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Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05055640

Sample Description	Method	ME-ICP41	Hg-CV41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	0.01	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
[redacted]																
KZ05R2058		<10	0.01	0.21	20	0.10	1555	1	0.04	4	450	13	0.06	<2	1	130
KZ05R2059		<10	<0.01	0.19	10	0.72	1820	<1	0.36	<1	560	11	0.45	<2	2	327
KZ05R2060		<10	0.01	0.21	20	0.06	1160	1	0.03	7	600	34	0.06	<2	2	64
KZ05R2061		<10	0.01	0.14	10	0.17	861	<1	0.04	7	570	41	0.24	<2	2	71
KZ05R2062		<10	0.03	0.15	10	1.71	1465	9	0.04	47	1040	6	1.67	6	7	203
KZ05R2063		<10	0.32	0.16	<10	2.00	3690	1	0.02	64	410	447	1.94	192	11	194
CLEAN ROCK9		10	0.01	0.14	<10	1.23	423	<1	0.08	57	540	2	0.09	<2	4	46
KZ05R2064		<10	0.65	0.21	<10	0.33	479	9	0.05	11	100	5	1.40	3	2	31
KZ05R2065		<10	<0.01	0.01	<10	19.15	162	<1	0.01	666	10	<2	0.01	<2	<1	3
KZ05R2066		10	0.03	0.14	20	1.40	1005	<1	0.14	8	1040	19	0.62	3	8	73
KZ05R2067		<10	0.12	0.30	10	0.77	590	4	0.05	7	800	3	2.38	<2	2	63
KZ05R2068		<10	0.02	0.15	20	0.17	721	9	0.08	10	440	10	0.18	<2	3	71
[redacted]																
KZ05R2070		<10	1.22	0.11	<10	0.43	584	29	0.02	259	870	20	7.16	14	14	45
KZ05R2071		<10	0.01	0.23	10	0.37	595	1	0.04	4	930	7	0.52	<2	5	110
KZ05R2072		<10	0.11	0.34	10	0.05	49	2	0.04	4	550	17	1.58	<2	1	13
[redacted]																

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Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05055640

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Pb-AA46
	Analyte	Tl	Tl	U	V	W	Zn	Pb
	Units	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	10	1	10	2	0.01
[redacted]								
KZ05R2058		<0.01	<10	<10	15	<10	137	
KZ05R2059		<0.01	<10	<10	9	<10	83	
KZ05R2060		<0.01	<10	<10	27	<10	145	
KZ05R2061		<0.01	<10	<10	35	<10	140	
KZ05R2062		<0.01	<10	<10	84	<10	886	
KZ05R2063		<0.01	<10	<10	69	<10	2040	
CLEAN ROCK9		0.15	<10	<10	54	<10	55	
KZ05R2064		<0.01	<10	<10	49	<10	49	
KZ05R2065		<0.01	<10	<10	4	<10	5	
KZ05R2066		<0.01	<10	<10	81	<10	700	
KZ05R2067		<0.01	<10	<10	13	<10	31	
KZ05R2068		<0.01	<10	<10	29	<10	188	
[redacted]								
KZ05R2070		0.01	10	<10	68	<10	152	
KZ05R2071		<0.01	<10	<10	57	<10	60	
KZ05R2072		<0.01	<10	<10	21	<10	16	
[redacted]								

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VANCOUVER BC V6E 3P3

Finalized Date: 15-JUL-2005
Account: ATC

CERTIFICATE VA05053952

Project: K12MET-2052

P.O. No.: KZ-01

This report is for 209 Rock samples submitted to our lab in Vancouver, BC, Canada on 4-JUL-2005.

The following have access to data associated with this certificate:

RICHARD MANN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
Ag-AA46	Ore grade Ag - aqua regia/AA	AAS
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

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

Signature:

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Project: K12MET-2052

CERTIFICATE OF ANALYSIS VA05053952

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-AA25 Au ppm 0.01	Au-AA25 Au Check ppm 0.01	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1
[redacted]																
KZ05R0048		0.62	0.007			0.4	3.40	24	<10	210	0.9	<2	1.90	4.4	15	76
KZ05R0049		0.84	<0.001			<0.2	1.82	11	<10	120	<0.5	<2	1.34	<0.5	9	67
KZ05R0050		0.08	1.770			20.3	0.19	<2	<10	40	<0.5	<2	0.26	<0.5	1	4

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Account: ATC

Project: K12MET-2052

CERTIFICATE OF ANALYSIS VA05053952

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	Hg-CV41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
	Units	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	1	0.01	10	0.01	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
[redacted]																
KZ05R0048		106	3.20	10	0.01	0.68	10	0.97	307	3	0.47	81	900	18	0.73	4
KZ05R0049		22	3.58	10	0.01	0.13	10	1.22	411	1	0.14	12	920	9	0.33	<2
KZ05R0050		5	3.02	<10	0.06	0.01	<10	0.05	116	<1	0.10	5	640	130	2.89	<2
[redacted]																

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Project: K12MET-2052

CERTIFICATE OF ANALYSIS VA05053952

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-AA46	Pb-AA46	Zn-AA46	Ag-GRA21
	Analyte	Sc	Sr	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn	Ag
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOR	1	1	0.01	10	10	1	10	2	1	0.01	0.01	5
[redacted]													
KZ05R0048		5	192	0.20	<10	<10	161	<10	443				
KZ05R0049		9	133	0.23	<10	<10	96	<10	90				
KZ05R0050		<1	6	<0.01	<10	<10	1	<10	20				
[redacted]													

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Finalized Date: 15-JUL-2005
Account: ATC

Project: K12MET-2052

CERTIFICATE OF ANALYSIS VA05053952

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-AA25 Au ppm 0.01	Au-AA25 Au Check ppm 0.01	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1
KZ05R1037		0.62	0.001			0.2	2.22	<2	<10	350	<0.5	<2	1.19	<0.5	11	23
KZ05R1038		0.58	0.002			<0.2	1.86	14	<10	90	0.5	<2	4.08	<0.5	9	94
KZ05R1039		0.70	0.032			0.3	0.74	<2	<10	180	0.5	<2	0.15	<0.5	1	39
KZ05R1040		0.62	<0.001			<0.2	2.64	<2	<10	180	0.7	<2	2.43	<0.5	7	25
KZ05R1041		0.74	0.010			0.7	0.91	142	<10	240	<0.5	<2	1.49	1.8	4	22

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Project: K12MET-2052

CERTIFICATE OF ANALYSIS VA05053952

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	Hg-CV41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
	Units	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	1	0.01	10	0.01	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
[redacted]																
KZ05R1037		33	4.08	<10	0.03	0.81	20	0.98	435	3	0.33	6	1550	14	0.21	<2
KZ05R1038		23	2.32	10	0.03	0.10	10	1.03	811	1	0.07	50	760	11	0.04	<2
KZ05R1039		6	0.44	<10	0.03	0.31	20	0.03	220	2	0.06	3	130	24	0.05	<2
KZ05R1040		20	2.85	10	0.01	0.12	10	1.14	683	1	0.13	7	970	9	0.31	<2
KZ05R1041		14	2.39	<10	0.03	0.30	10	0.42	1490	2	0.10	8	610	65	0.84	3
[redacted]																

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-AA46	Pb-AA46	Zn-AA46	Ag-GRA21
	Analyte	Sc	Sr	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn	Ag
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOR	1	1	0.01	10	10	1	10	2	1	0.01	0.01	5
[redacted]													
KZ05R1037		3	194	0.29	<10	<10	128	<10	75				
KZ05R1038		7	167	0.07	<10	<10	74	<10	65				
KZ05R1039		<1	42	<0.01	<10	<10	1	<10	13				
KZ05R1040		5	58	0.17	<10	<10	70	<10	49				
KZ05R1041		3	147	0.01	<10	<10	17	<10	308				
[redacted]													

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-AA25 Au ppm 0.01	Au-AA25 Au Check ppm 0.01	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1
[redacted]																
KZ05R3034		0.68	0.006			6.1	1.24	42	<10	950	<0.5	<2	0.62	0.6	5	11
KZ05R3035		0.44	0.001			2.2	1.45	28	<10	1340	<0.5	<2	1.12	<0.5	<1	1

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CERTIFICATE OF ANALYSIS VA05053952

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	Hg-CV41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
	Units	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	1	0.01	10	0.01	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
[redacted]																
KZ05R3034		6	2.69	<10	0.01	0.18	20	0.12	1500	<1	<0.01	73	490	68	0.06	5
KZ05R3035		8	0.40	<10	0.02	0.22	10	0.05	88	<1	1.58	<1	60	43	0.02	3

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-AA46	Pb-AA46	Zn-AA46	Ag-GRA21
	Analyte	Sc	Sr	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn	Ag
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOR	1	1	0.01	10	10	1	10	2	1	0.01	0.01	5
KZ05R3034		1	40	<0.01	<10	<10	21	<10	169				
KZ05R3035		1	371	0.01	<10	<10	3	<10	37				

APPENDIX V

ROCK SAMPLE DESCRIPTIONS AND RESULTS

2005 Rock Samples

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration			Secondary Alteration			Mineral 1				Mineral 2				Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
						Type	Int.	Style	Type	Int.	Style	Type	%	Style	Size	Type	%	Style	Size										
KZ05R0048	FLOAT	ANewton	21-Jun-05	634655	6532404	SI	Strong	EA												SAY	0.007	0.4	18	443	106	24	0.01	4	Less than 5% similar float on slope. Area dominated by dark grey intrusive rock with silicification and some pyrite mineralization.
KZ05R0049	GRAB	ANewton	21-Jun-05	635020	6532083	SI	Detect	EA				PY	0.1	DS	FG					GRT	0.0005	0.1	9	90	22	11	0.01	1	Sample feels heavy for its size. Contains some small dark vitreous crystals, as yrt unidentified. Sample is dark grey w/ white qtz crystals throughout.
KZ05R0052	FLOAT	ANewton	21-Jun-05	635250	6532238	CL	Mod	EA												U	0.0005	0.1	1	37	15	1	0.005	1	Only a couple pieces of similar float located in the area. Exterior of sample light yellow,fresh surface is dark green/grey. Appears to be weakly metamorphosed.
KZ05R0053	FLOAT	ANewton	21-Jun-05	635256	6532239	SI	Weak	RF				PY	1.5	DS	FG					SRBU	0.025	1.3	44	254	4	100	0.04	16	Sample is flooded by qtz-carb veins 0.5-2cm thick. Original rock appears to be a mudstone. Pyrite spread evenly throughout. 2% of lope appears to be similar rock.
KZ05R0054	GRAB	ANewton	21-Jun-05	635708	6532834	SI	Detect	EA												SSLM	0.001	0.1	8	69	11	4	0.01	1	Only rock or outcrop found in area. Sample is dark grey and feels unusually heavy for a sed rock. No apparent metallic minerals.
KZ05R0055	GRAB	ANewton	21-Jun-05	635612	6532948	IL	Weak	PA												GR	0.0005	0.1	16	53	1	2	0.36	1	Outcrop located in vicinity of fissile mudstones and clean intrusives. Form of these boddies is convolute and there may be some fault influence. Outcrop sample is taken from appears to be 5-6m wide.
KZ05R0056	GRAB	ANewton	21-Jun-05	635400	6533220															SRBW	0.001	0.2	15	84	26	7	0.04	2	Brecciated mudstone fragments pebble to cobble sized sub-rounded by later infilling of calcite. Outcrop of intrusive 5m downstream of this location. Also fragments of intermediate intrusive, not same as nearby outcrop. Location approx poor coverage.
KZ05R0057	FLOAT	ANewton	21-Jun-05	635400	6533215	CY	Weak	RF												PBA	0.0005	0.2	28	120	23	6	0.03	1	Approx. 2-3% of float in creek was similar to this sample. Sample composed of wha appears to be clay altered felsic fragments in an unidentified black matrix [not very hard]. Location approx due to poor GPS coverage.
KZ05R1037	FLOAT	MCianci	21-Jun-05	634521	6532461	SI	Weak	EA												S	0.001	0.2	14	75	33	1	0.03	1	Fine/medium grained volcanic/sst.
KZ05R1038	GRAB	MCianci	21-Jun-05	635295	6532161															S	0.002	0.1	11	65	23	14	0.03	1	Sample area is near HO and in a landslide/debris slide. Sample consists of two slightly different rock types. Difference may be attributed to differential weathering.
KZ05R1039	GRAB	MCianci	21-Jun-05	635400	6532400	CY	Mod	EA												UNKNOWN	0.032	0.3	24	13	6	1	0.03	1	Sample taken along creek. Outcrop is 10m high by 5m wide. Rock is highly weathered and fractured/folded. L OOK AT MAP TO DERERMINE LOCATION. NO GPS. Near HO .
KZ05R1040	GRAB	MCianci	21-Jun-05	635674	6532965															GRD	0.0005	0.1	9	49	20	1	0.01	1	Took sample on landside. Outcrop is in the center of slide 15m by 10m.
KZ05R1041	FLOAT	MCianci	21-Jun-05	635449	6533068	CY	Mod	SP												UNKNOWN	0.01	0.7	65	308	14	142	0.03	3	Sample if float from talus slope ending in HO creek. <5% of slope.
KZ05R2058	GRAB	RMann	21-Jun-05	632265	6534720	CY	Mod	EA												F	0.0005	0.2	13	137	2	3	0.01	1	all weath or clay alt'd, do pima, feld mg flo orxtall tff
KZ05R2059	GRAB	RMann	21-Jun-05	632385	6534556	CY	Mod	EA												F	0.0005	0.1	11	83	0.5	2	0.005	1	more clay alt;dvolc
KZ05R2060	GRAB	RMann	21-Jun-05	632526	6534799	CY	Weak	EA												F	0.01	0.2	34	145	2	1	0.01	1	fol'd, sim biot, feld flow or tuff
KZ05R2061	GRAB	RMann	21-Jun-05	632401	6535075	CY	Detect	EA												F	0.0005	0.3	41	140	14	3	0.01	1	buff lithic tuff, sloko?
KZ05R2062	GRAB	RMann	21-Jun-05	632466	6535407															S	0.001	0.5	6	886	99	41	0.03	6	grond up and wk rusty mudsone, in cr in a flt zone
KZ05R2063	FLOAT	RMann	21-Jun-05	632496	6535438	CY	Weak	PA				PY	1	BB	FG	TT	0.2	<V	FG	U	0.0005	3.3	447	2040	45	959	0.32	192	float at cr, rusty, poss vol or sed, 60mfrom falls
KZ05R2064	FLOAT	RMann	22-Jun-05	632500	6535500	SI	Weak	EA				PY	0.4	DS	FG					S	0.049	0.6	5	49	778	5	0.65	3	float in stepp gully, n of cr
KZ05R2065	FLOAT	RMann	22-Jun-05	632503	6535500	CY	Weak	EA	SI	Strong	SP									U	0.0005	0.1	1	5	1	1	0.005	1	white, clay and sil rock, some fg vuugy qtz ot sure of host, local?
KZ05R2066	GRAB	RMann	22-Jun-05	632501	6535500							PY	1	DS	FG					F	0.002	0.4	19	700	20	75	0.03	3	float in gullynw of cr, pat of mss bottom of volcanics, qtz, feld flow or tuff
KZ05R2067	FLOAT	RMann	22-Jun-05	632502	6535500	CY	Strong	EA												F	0.0005	0.1	3	31	3	8	0.12	1	float in gulley nw of cr, qtz, feld volv flow o tuff
KZ05R2068	GRAB	RMann	22-Jun-05	632450	6535600	SI	Mod	EA												S	0.0005	0.2	10	188	20	7	0.02	1	in gulley icamedown, no gps so loc is aproximate, dk greysil sst
KZ05R2070	FLOAT	RMann	22-Jun-05	632625	6535080	SI	Weak	EA				PY	2	<V	FG	AP	0.2	BB	CG	S	0.013	0.6	20	152	258	72	1.22	14	sst w py and ap veining and blebs, east side of cr, floatfromses above

All coordinates listed are UTM Zone 8-NAD 83 projection
Rock Code descriptions are included in an accompanying appendix.

Lab Name: ALS Chemex Labs
Assay Types: Fire Assay Au, 34 Element ICP-AES, Mercury Cold Vapour

2005 Rock Samples

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration			Secondary Alteration			Mineral 1				Mineral 2				Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
						Type	Int.	Style	Type	Int.	Style	Type	%	Style	Size	Type	%	Style	Size										
KZ05R2071	FLOAT	RMann	22-Jun-05	632624	6535080	CL	Weak	EA												F	0.001	0.1	7	60	37	3	0.01	1	float from east side of cr, qtz,feld volc flow or tuff
KZ05R2072	FLOAT	RMann	22-Jun-05	632623	6535080	CY	Mod	SP	SI	Mod	SP									F	0.011	0.8	17	16	10	70	0.11	1	float fromeastside of cr,clay alt offeld phenos, siluvaalt of gmass in volc tuff or flow
KZ05R3034	GRAB	YThornton	21-Jun-05	632585	6534644	CY	Detect	EA												F	0.006	6.1	68	169	6	42	0.01	5	
KZ05R3035	GRAB	YThornton	21-Jun-05	632296	6535335	SI	Detect													UNKNOWN	0.001	2.2	43	37	8	28	0.02	3	RED VERY FINE GRAINED LOOKS LIKE JASPER BUT IS SOFTER IN O/C BETWEEN SEDS AND VOLCANICS?

All coordinates listed are UTM Zone 8-NAD 83 projection
Rock Code descriptions are included in an accompanying appendix.

Lab Name: ALS Chemex Labs
Assay Types: Fire Assay Au, 34 Element ICP-AES, Mercury Cold Vapour

APPENDIX VI

ROCK SAMPLE CODE DESCRIPTIONS

ROCK TYPES	
Code	**Description**
F	Felsic volcanic-undifferentiated
GR	Granite
GRD	Granodiorite
GRT	Tonalite
PBA	Breccia-angular clasts
S	Undifferentiated sedimentary rocks
SAY	Finely laminated/graded argillites, minor sands
SRBU	Monomictic breccia
SRBW	Polymictic breccia
SSLM	Medium-grained lithic sandstone
U	Ultramafic rock-undifferentiated
UNKNOWN	UNKNOWN

MINERALIZATION TYPE	
Code	**Description**
AP	Arsenopyrite
AU	Visible Gold or Electrum
BA	Barite
CN	Cinnabar
CP	Chalcopyrite
CV	Covellite
EN	Enargite
GA	Galena
LU	Luzonite
MT	Magnetite
OR	Orpiment
OT	Other, submetallics
PO	Pyrrhotite
PY	Pyrite
RE	Realgar
SB	Stibnite
SP	Sphalerite
SS	Sulphosalts
TE	Tellurides
TT	Tetrahedrite/Tenantite

MINERALIZATION STYLE	
Code	**Description**
AM	Amygdules, vesicle fillings
BB	Blebs
BW	Boxwork
CL	Clasts
CO	Colloform
CT	Coatings
DS	Disseminated
EN	Envelopes
EU	Euhedral crystals
EY	Eyes, augen
FC	Framework crystals
GO	Gouge
IN	Interstitial
LM	Laminations
MA	Matrix
MS	Massive
NO	Nodules
PA	Patches
PV	Pervasive
RE	Replaced phenocrysts
RO	Rosettes, crystal clusters
SE	Sheeting
SO	Spots
ST	Stringers
SV	Selvages
SW	Stockwork
<V	Microveins (<1mm)
>V	Macroveins (1mm-1cm)
VN	Veins (>1cm)

ALTERATION TYPE	
Code	**Description**
AD	Adularia
AL	Alunite
AN	Andalusite
BA	Barite
CB	Carbonate
CH	Chalcedony
CL	Chlorite
CO	Carbon
CY	Clay
DI	Diaspore
DK	Dickite
DS	Diss. Sulphides
EP	Epidote
FL	Fluorite
GY	Gypsum
IL	Illite
JA	Jarosite
KL	Kaolinite
KS	K-Feldspar
MS	Sericite
PY	Pyrophyllite
SD	Siderite
SI	Silica
ZE	Zeolite
ZU	Zunyite

ALTERATION STYLE	
Code	**Description**
EA	Equally altered
EN	Envelopes
FF	Fracture filling
FL	Flooding
PA	Patchy
RE	Replacement of matrix and fragments in a breccia
RF	Replacement of fragments in a breccia
RM	Replacement of matrix in a breccia
SE	Selvages
SP	Spotty

APPENDIX VII

QUALITY ASSURANCE / QUALITY CONTROL

Quality Assurance / Quality Control

NOTE: The following quality assurance/quality control review was conducted for a large project located in the 104K NTS map region and includes data from the Fall property. Samples collected on these claims were part of analytical batches labelled VA05053952 and VA05055640.

Introduction

This report summarizes the QA-QC procedures used for the Kizmet geochemical and geological exploration program during the summer of 2005. Results of the QA-QC program are presented and analysed to provide an overall assessment of the data quality and recommendations for improvements for future programs are made. The format and structure of this report are modified from QC audit reports by Dr. Barry Smee while the assessment and interpretation of the results are from Heberlein, 2005.

QA-QC Data

The QA/QC procedures begin at the field collection stage and proceed through to the final checking of the geological and analytical database. This report will examine the four main topics concerned with the monitoring of sampling and analysis of geochemical samples.

- Data quality: review of proper QAQC procedures and data handling.
- Sample contamination: Use of field blanks which are submitted blind to the sample preparation laboratory.
- Analytical accuracy: Use of property specific standards blind to the analytical laboratory, and
- Sampling and analytical precision: using field, and preparation duplicates.

Barrick has set rules to determine when a quality control sample does not meet requirements. The failure rules are as follows:

- Blanks fail if an analytical value is in excess of 10 times the lower detection limit.
- Standards fail if an analytical value is outside of the ±3 standard deviation controls, or if 2 or more adjacent samples are outside of the ±3 standard deviation on the same side of the mean.

Kizmet QAQC Procedures

During the 2005 Kizmet project, quality control samples (blanks, standards and field duplicates) were inserted at a frequency of one in 25. Sample shipments were broken down into batches of 25 samples to minimize the possibility of field samples becoming separated from the control samples at the laboratory. The laboratory was asked to insert a preparation duplicate at position 5 in every series of 25 samples (e.g. in positions 5, 30, 55, 80, 105, 130 etc). Field blanks were inserted at the beginning of each series of 25 samples (e.g. in positions 1, 26, 51, 76, 101, 126 etc). Field duplicates were collected after every sample at the 20th sample in every sequence of 25 samples (e.g. positions 20, 45, 70, 95, 120 etc). A Rock Labs standard (see below) was inserted at the 25th position in every series of 25 samples. Each geologist was assigned a unique sample number series rocks, soils and stream sediments.

Data Quality

Chain of Custody

All samples were packed in rice sacks and sealed with uniquely-numbered non-re-sealable security straps. Rice sacks were flown by aircraft to Atlin, BC and then trucked to the ALS Chemex Lab in North Vancouver.

Procedures

A full QAQC review was conducted in the fall immediately after all the analytical data was compiled. QA-QC monitoring was not carried out on a batch by batch basis during the field campaign. Instead on receipt of the e-mail certificates from the laboratory, the blank and standard results were visually scanned to see if they were in acceptable limits. Results were not routinely plotted on time series graphs and failures were not promptly identified and corrected.

A number of errors were found in the QC sample database. They all involve misidentification of reference materials. For example there was one OxH37 standard identified as an SH14 and two SG14 identified as OxH37 standards. Also, one SG14 and one SL15 standard were incorrectly identified as a GRAN05 Blank. The source of these errors should be investigated to prevent future occurrences. Most commonly errors of this kind occur in the field when careless or inexperienced field personnel inadvertently select the wrong reference material for insertion. A database error cannot be ruled out however. Database procedures should be reviewed to eliminate the possibility of similar mistakes in the future. To eliminate field errors, I recommend improvement of training of the field personnel responsible for preparation of sample shipments and modification of the standard labeling to a colour based system. This would involve replacing the field standard name with coloured stickers, which are less easily confused.

Accuracy

The 2005 Kizmet exploration program was monitored for accuracy by inserting pulp standards into the analytical stream at a frequency of one pert shipment. Rocklabs standards were used. These standards were prepared by ALS-Chemex labs in Reno specifically for the Eskay Creek mine and exploration. The standards were subjected to a 5 laboratory round robin analysis to determine their compositions, acceptable ranges and relative standard deviations. Details are summarized in Tables 1.

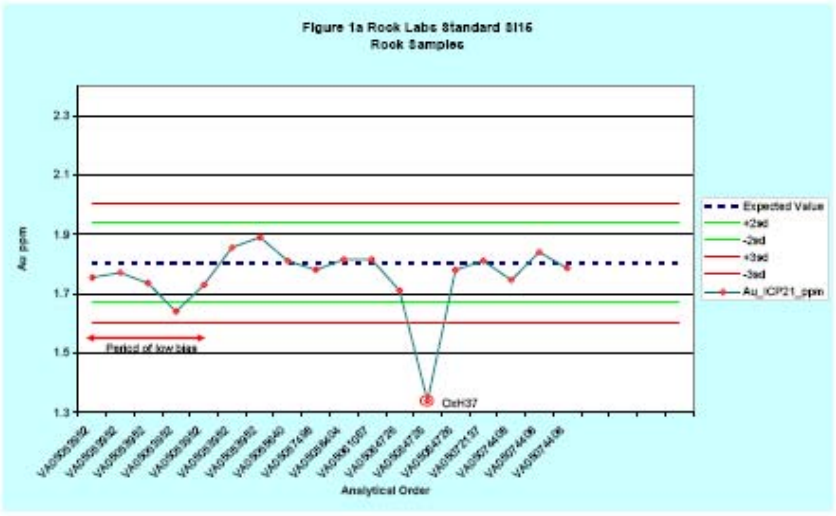
Reference Materials

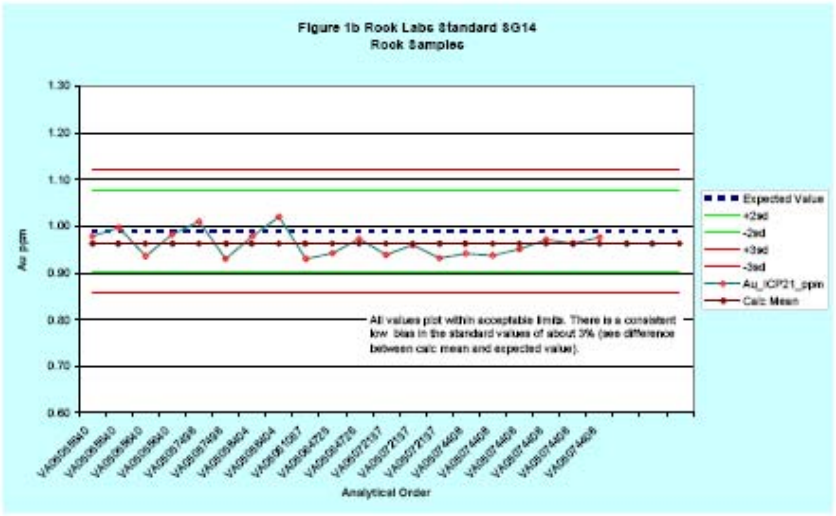
Table 1 summarizes the reference materials used on the 2005 Kizmet Program.

Reference Material	Type	Expected Value (Au ppm)	Standard Deviation	Warning Limits	Failure limits
SG14	Rock Labs Sulphide Standard	0.989	0.044	0.088	0.132
SL15	Rock Labs Sulphide Standard	1.805	±0.067	±0.134	±0.201
OxH37	Rock Labs Oxide Standard	1.286	±0.039	±0.078	±0.117
GRAN05	Granite Field Blank	0.005			>0.0026

Table 1 Kizmet Project Reference Materials

Figures 1a, b and c are control graphs showing the results the three used standards, their expected values and their two and three standard deviation control lines. With the exception of the misidentified standards, all values plot within acceptable limits for all three standards. SL15 (Fig 1a) shows a slight low bias in the first five work orders, which is not apparent in subsequent batches. SG14 is has a consistent low bias of approximately 3% below the expected value. While not significant in reconnaissance type samples, it would be important in more advanced exploration projects and should be reviewed with the laboratory manager. Results for OxH37 are acceptable with no apparent bias. We can conclude from these results that the 2005 samples are accurate for gold.





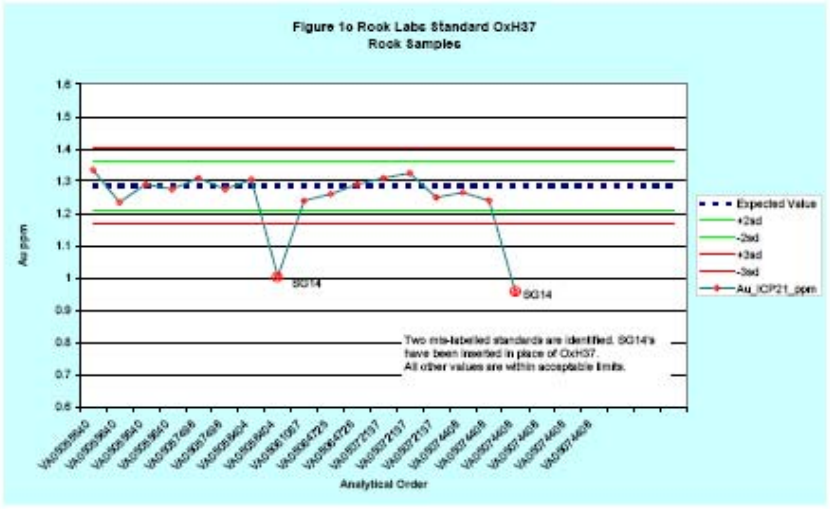


Figure 1. Standard Results

Contamination

In order to monitor potential sample contamination at the laboratory, a field blank was inserted into every sample batch at the field camps. For rock samples, field blank material consisted of un-altered and un-mineralized ¾-inch granite crush obtained from a landscaping supply retailer. For stream sediment samples, un-mineralized landscaping sand was obtained from the same retailer.

In addition to the field blanks a barren quartz sample was also inserted into the sample stream by ALS Chemex Labs at the beginning of every analytical batch and at every 10 sample position. These samples monitor potential contamination from other laboratory batches and from the crushing and pulverizing stages.

Figure 2 shows a control graph for the field blank GRAN05. Discounting the misidentified standards, there are several minor contamination events throughout the campaign. The most serious occurs in certificate VA05061067, which returned a field blank value of 0.011 ppm Au. Three subsequent batches also report field blank values over the acceptable limit. These results indicate a slackening of cleaning standards in the sample preparation facility during the period July-August (peak period for the lab). While they are not significant in terms of data quality, they should be discussed with the lab manager. In the laboratory QC sheets for VA05061067, one of their cleaning rock samples (Clean Rock 3) also has an elevated value of 0.016 ppm which confirms contamination rather than anomalism in our field blank material (note that this blank was fused in a separate batch to the other samples). Based on these results it is concluded that despite minor contamination in July and August, it is not of a sufficient degree to warrant rejection of the batches in question.

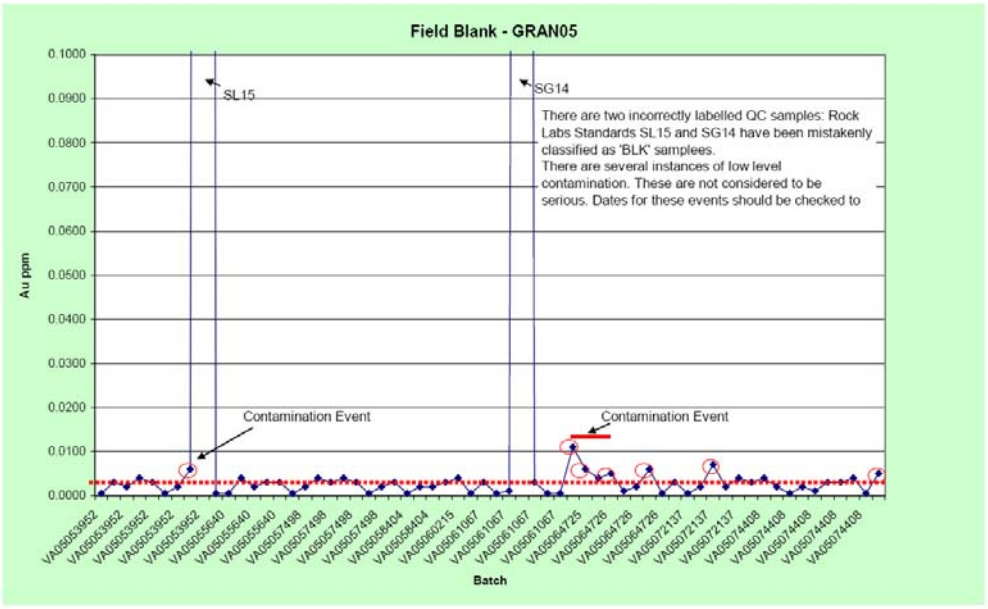


Figure 2 Control Graph for Field Blank GRAN05

Laboratory Blanks

Figure 3 shows the results for the laboratory blanks reported with our work orders. You will note that there are quite a few potential failures in this data. I would consider any value over 0.01 ppm as being of concern. There are five such failures in this dataset (including VA05061067), four of them occurring between July and September. This is a matter of concern that should be taken up with the laboratory.

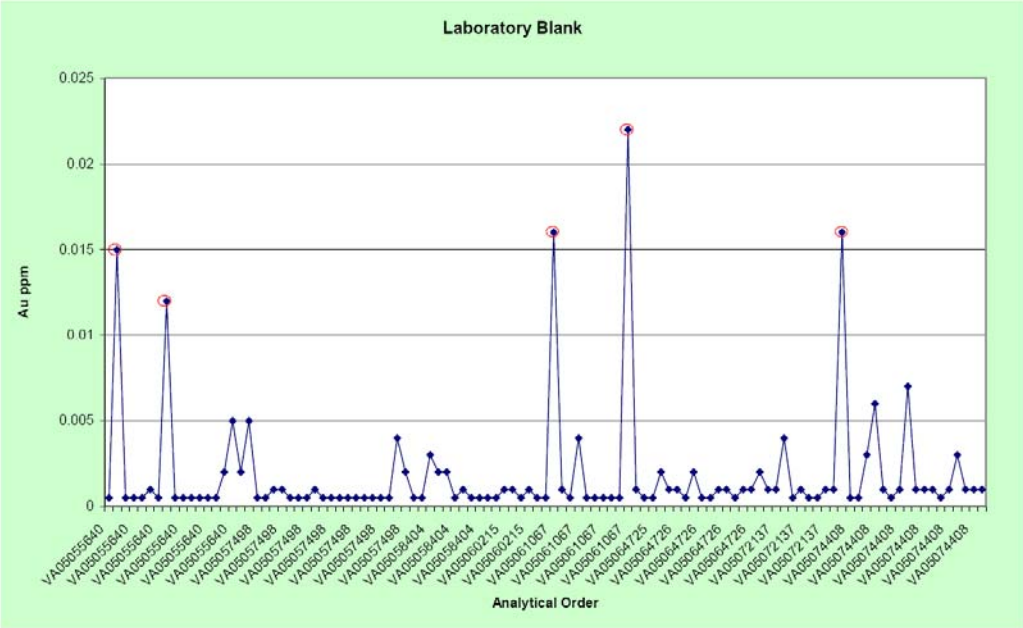


Figure 3 Results of the reported laboratory blank samples.

Precision

The precision of sampling and analysis is measured by comparing duplicate analysis from two stages of the sampling and analytical process: field duplicates and preparation duplicates. The field duplicates must be submitted to the lab in such a way as to be blind to both the preparation and analytical lab. The field duplicate will contain two levels of uncertainty:

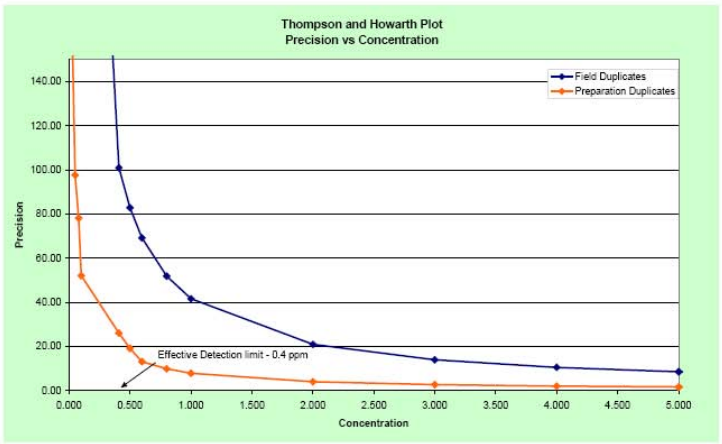
1) The error that is introduced when separating the sample split from the whole sample in the field,
2) The error introduced when taking a sub-sample from the crushed material prior to pulverizing.

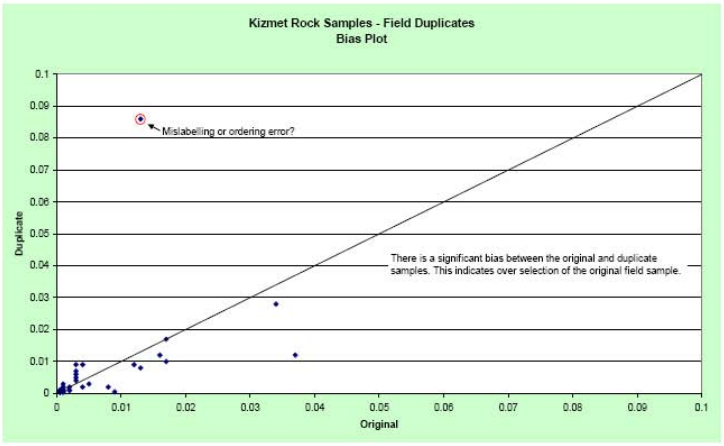
The preparation lab obtains the preparation duplicate by taking two splits from the coarse reject, pulverizing both splits as separate samples, and analyzing both. This duplicate will contain the errors of splitting in the lab and of analysis. The two levels of duplicates can be compared by use of a Thompson-Howarth precision vs. concentration chart, and the sources of greatest error quantified.

Usually, a simple bias chart is also plotted, which will show possible sample order errors, usually caused in the lab by procedural mistakes.

During the 2005 Kizmet program, one field duplicate sample was collected in every sample batch. Figure 4 shows the Thompson and Howarth precision versus concentration curves for the field (blue) and preparation (orange) duplicates. Relatively poor precision in the field duplicates (82.4% at 0.5 ppm) may be attributed in part to a sampling bias, which is clearly seen in Figure 5. Consistently higher grades in the original sample compared to the duplicate suggest sample over selection, where more mineralized material is consistently entering the original sample. This is undoubtedly unintentional but does show that a revision of sampling procedures will be necessary prior to next field season in order to avoid this problem in the future. An effective detection limit (i.e. the concentration at which precision equals 100%) of 0.41 ppm is disturbingly high. It means that values below this level cannot be distinguished from zero (or 0.82 ppm). Since the bulk of the gold values fall in this range, we can have very little confidence in them.

Preparation duplicates also have relatively poor precision (78.06% at 0.10 ppm). High values in preparation duplicates usually indicate poor sample homogeneity, which can be due to classification of the pulp in the pulverizer, poor granulometry (i.e. pulp not passing spec of 90% passing 75 micron) or poor sub-sampling. It is recommended to acquire the granulometry test results for these batches to verify that the pulps were meeting specifications.





Figures 4 (above) and 5. Thompson and Howarth Plot for Field and Preparation Duplicates and Field duplicate bias plot.

Conclusions

The 2005 Kizmet QAQC program had mixed results. On the positive side, the use of certified standards, an appropriate field blank sample and systematic field duplicates was well implemented. Field procedures and the maintenance of a suitable frequency of control samples in the sample stream were well done. Unfortunately the program fell short of being compliant for the following reasons:

a) QC sample results were not reviewed on a batch by batch basis and failures were therefore not identified in a timely manner. Batch failures and corrective required.

b) There are apparent procedural errors that resulted in an unacceptably high incidence of mislabeling of standards and blank samples.

c) Contamination events and possible poor sample preparation quality at the laboratory have gone undetected through the field season.

Overall, the data quality is acceptable in terms of accuracy but is of questionable precision. The presence of contamination events while not serious for this program could have been more serious if the project was at a more advanced stage.

Recommendations

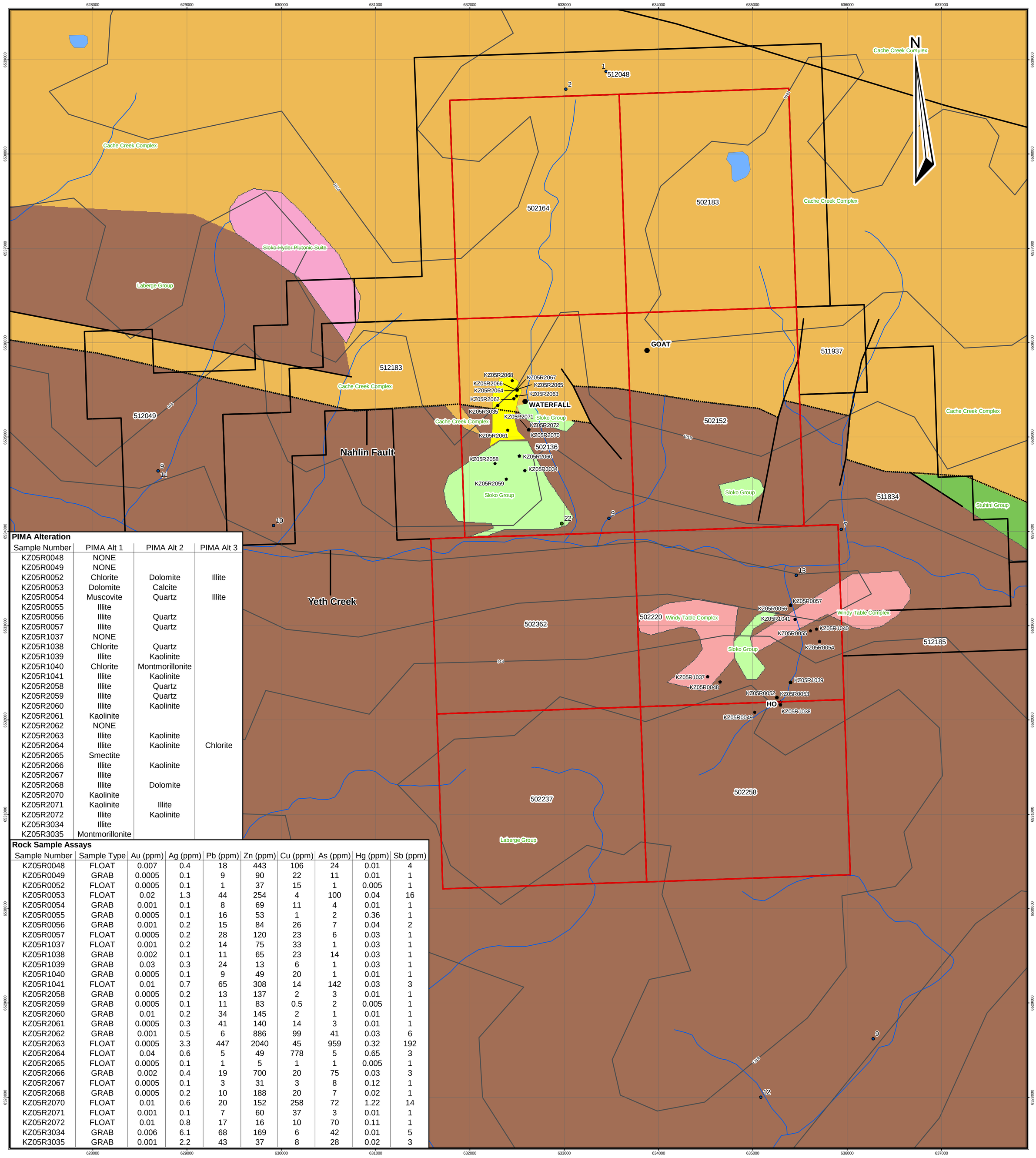
The following actions are recommended to bring the QAQC program up to compliance:

1) Designation of a QAQC person, who is responsible for reviewing certificates as they come back from the laboratory. This person would control the release of analytical data to the projects based on it passing or failing QC. In the case of failures the QAQC person would be responsible for initiating corrective measures with the project and/or laboratory in a timely fashion.

2) Revision of field and database procedures to eliminate misidentification of control samples.

3) Training of geologists in sampling procedures and preparation of sample shipments.

4) Improve communications with the laboratory so that problem areas are discussed and solutions put in place in a timely manner.



PIMA Alteration

Sample Number	PIMA Alt 1	PIMA Alt 2	PIMA Alt 3
KZ05R0048	NONE		
KZ05R0049	NONE		
KZ05R0052	Chlorite	Dolomite	Illite
KZ05R0053	Dolomite	Calcite	
KZ05R0054	Muscovite	Quartz	Illite
KZ05R0055	Illite		
KZ05R0056	Illite	Quartz	
KZ05R0057	Illite	Quartz	
KZ05R1037	NONE		
KZ05R1038	Chlorite	Quartz	
KZ05R1039	Illite	Kaolinite	
KZ05R1040	Chlorite	Montmorillonite	
KZ05R1041	Illite	Kaolinite	
KZ05R2058	Illite	Quartz	
KZ05R2059	Illite	Quartz	
KZ05R2060	Illite	Kaolinite	
KZ05R2061	Kaolinite		
KZ05R2062	NONE		
KZ05R2063	Illite	Kaolinite	
KZ05R2064	Illite	Kaolinite	Chlorite
KZ05R2065	Smectite		
KZ05R2066	Illite	Kaolinite	
KZ05R2067	Illite		
KZ05R2068	Illite	Dolomite	
KZ05R2070	Kaolinite		
KZ05R2071	Kaolinite	Illite	
KZ05R2072	Illite	Kaolinite	
KZ05R3034	Illite		
KZ05R3035	Montmorillonite		

Rock Sample Assays

Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)
KZ05R0048	FLOAT	0.007	0.4	18	443	106	24	0.01	4
KZ05R0049	GRAB	0.0005	0.1	9	90	22	11	0.01	1
KZ05R0052	FLOAT	0.0005	0.1	1	37	15	1	0.005	1
KZ05R0053	FLOAT	0.02	1.3	44	254	4	100	0.04	16
KZ05R0054	GRAB	0.001	0.1	8	69	11	4	0.01	1
KZ05R0055	GRAB	0.0005	0.1	16	53	1	2	0.36	1
KZ05R0056	GRAB	0.001	0.2	15	84	26	7	0.04	2
KZ05R0057	FLOAT	0.0005	0.2	28	120	23	6	0.03	1
KZ05R1037	FLOAT	0.001	0.2	14	75	33	1	0.03	1
KZ05R1038	GRAB	0.002	0.1	11	65	23	14	0.03	1
KZ05R1039	GRAB	0.03	0.3	24	13	6	1	0.03	1
KZ05R1040	GRAB	0.0005	0.1	9	49	20	1	0.01	1
KZ05R1041	FLOAT	0.01	0.7	65	308	14	142	0.03	3
KZ05R2058	GRAB	0.0005	0.2	13	137	2	3	0.01	1
KZ05R2059	GRAB	0.0005	0.1	11	83	0.5	2	0.005	1
KZ05R2060	GRAB	0.01	0.2	34	145	2	1	0.01	1
KZ05R2061	GRAB	0.0005	0.3	41	140	14	3	0.01	1
KZ05R2062	GRAB	0.001	0.5	6	886	99	41	0.03	6
KZ05R2063	FLOAT	0.0005	3.3	447	2040	45	959	0.32	192
KZ05R2064	FLOAT	0.04	0.6	5	49	778	5	0.65	3
KZ05R2065	FLOAT	0.0005	0.1	1	5	1	1	0.005	1
KZ05R2066	GRAB	0.002	0.4	19	700	20	75	0.03	3
KZ05R2067	FLOAT	0.0005	0.1	3	31	3	8	0.12	1
KZ05R2068	GRAB	0.0005	0.2	10	188	20	7	0.02	1
KZ05R2070	FLOAT	0.01	0.6	20	152	258	72	1.22	14
KZ05R2071	FLOAT	0.001	0.1	7	60	37	3	0.01	1
KZ05R2072	FLOAT	0.01	0.8	17	16	10	70	0.11	1
KZ05R3034	GRAB	0.006	6.1	68	169	6	42	0.01	5
KZ05R3035	GRAB	0.001	2.2	43	37	8	28	0.02	3

Legend

BC Minfile

- Other
- Au-quartz veins
- Carbonate-hosted disseminated Au-Ag
- EPITHERMAL
- Noranda/Kuroko massive sulphide Cu-Pb-Zn
- Pb-Zn skarn
- Polymetallic manto Ag-Pb-Zn
- Porphyry Cu ñ Mo ñ Au
- Porphyry Mo (Low F- type)
- Subvolcanic Cu-Ag-Au (As-Sb)
- Ultramafic-hosted asbestos

- Contours
- Creeks and Rivers
- Lakes

Faults

- Fault
- Normal Fault
- Thrust
- Fall Mineral Titles
- Mineral Titles, 104K, Nov 23, 2005

Kizmet Rock Samples

Au (ppm)

- 0.0005 - 0.001 ppm (0-50th%)
- 0.002 - 0.012 ppm (50-90th%)
- 0.013 - 0.050 ppm
- 0.051 - 0.100 ppm
- 0.101 - 0.500 ppm
- 0.501 - 2.500 ppm
- 2.501 - 17.450 ppm

BC RGS 104K Map Sheet

Au (ppb)

- 0-75th %, 1-14 ppb Au
- 75th-90th %, 15-27 ppb Au
- 90th-95th %, 28-51 ppb Au
- 95th-97.5th %, 52-96 ppb Au
- 97.5th-99th %, 97-216 ppb Au
- 99th-100th %, 217-730 ppb Au

BCGS Geology

by Group

- Laberge Group
- Sloko-Hyder Plutonic Suite
- Sloko Group
- Stuhini Group
- Windy Table Complex
- Cache Creek Complex
- **Barrick Mapped Late Cretaceous-Paleogene subaerial volcanics**

Located in:

Barrick Gold Corporation

Fall Property Geology, PIMA and Rock Samples

Author: ACN

Map No. 1

Date: Feb 15, 2006

Projection: UTM NAD 83, Zone 8

Project: Fall

NTS: 104K

Scale: 1:20,000

0.5 0 0.5 1 1.5 2 Km