2004 GEOLOGICAL and GEOCHEMICAL REPORT ON THE KIZMET, LJ, SUTLAHINE, EMU, LAW, BS-J, TUNJONY, AND PLUM, PROPERTIES

VOLUME 2 – APPENDICES

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

NTS: 104K-07E, 104K-08E
104K-10E, 104K-11E,
and 104K-14E

058° 35' north Latitude
132° 85' 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, GIT.
Adrian C. Newton, B.Sc, GIT.

March 24th, 2006

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	Clean crusher with barren material after every 10th sample *
PUL-31	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		

Stream Sediment Samples

PREP-41	Soils, sediments. Log sample in tracking system, weigh, dry and dry-sieve to -80 mesh. Retain both fractions.
SCR-41d	Screen minus fraction to -150 mesh. Retain both fractions
SPL-21	Split -150 mesh fraction
Au-ICP21	**Split one:** Gold assay (1-10,000 ppb) by 30g fire assay and ICP-AES analysis
and	
ME-MS41	50 elements by aqua regia digestion and a combination of ICP-MS and ICP-AES

ME-MS41 – Elements and ranges (ppm)
For elements marked with * digestion may be incomplete

Ag	0.01-100	Cu	0.2-10,000	Na*	0.01%-10%	Ta*	0.01-500
Al*	0.01%-15%	Fe	0.01%-15%	Nb*	0.05-500	Te*	0.01-500
As	0.1-10,000	Ga*	0.05-10,000	Ni	0.2-10,000	Th*	0.2-500
B*	10-10,000	Ge*	0.05-500	P	10-10,000	Ti*	0.01%-10%
Ba*	10-10,000	Hf*	0.02-500	Pb	0.2-10,000	Tl*	0.02-10,000
Be*	0.05-100	Hg	0.01-10,000	Rb*	0.1-500	U	0.05-10,000
Bi	0.01-10,000	In*	0.005-500	Re*	0.001-50	V	1-10,000
Ca*	0.01%-15%	K*	0.01%-10%	S*	0.01%-10%	W*	0.05-10,000
Cd	0.01-500	La*	0.2-10,000	Sb*	0.05-10,000	Y*	0.05-500
Ce*	0.02-500	Li*	0.1-500	Sc*	0.1-10,000	Zn	2-10,000
Co	0.1-10,000	Mg*	0.01%-15%	Se	0.2-1,000	Zr*	0.5-500
Cr*	1-10,000	Mn	5-10,000	Sn*	0.2-500		
Cs*	0.05-500	Mo	0.05-10,000	Sr*	0.2-10,000		

Soil Samples

PREP-41	Soils, sediments. Log sample in tracking system, weigh, dry and dry-sieve to -180 micron. Retain both fractions.
Au-ICP21	Gold assay (1-10,000 ppb) by 30g fire assay and ICP-AES analysis
ME-MS41	50 elements by aqua regia digestion and a combination of ICP-MS and ICP-AES

ME-MS41 – Elements and ranges (ppm)
For elements marked with * digestion may be incomplete

Ag	0.01-100	Cu	0.2-10,000	Na*	0.01%-10%	Ta*	0.01-500
Al*	0.01%-15%	Fe	0.01%-15%	Nb*	0.05-500	Te*	0.01-500
As	0.1-10,000	Ga*	0.05-10,000	Ni	0.2-10,000	Th*	0.2-500
B*	10-10,000	Ge*	0.05-500	P	10-10,000	Ti*	0.01%-10%
Ba*	10-10,000	Hf*	0.02-500	Pb	0.2-10,000	Tl*	0.02-10,000
Be*	0.05-100	Hg	0.01-10,000	Rb*	0.1-500	U	0.05-10,000
Bi	0.01-10,000	In*	0.005-500	Re*	0.001-50	V	1-10,000
Ca*	0.01%-15%	K*	0.01%-10%	S*	0.01%-10%	W*	0.05-10,000
Cd	0.01-500	La*	0.2-10,000	Sb*	0.05-10,000	Y*	0.05-500
Ce*	0.02-500	Li*	0.1-500	Sc*	0.1-10,000	Zn	2-10,000
Co	0.1-10,000	Mg*	0.01%-15%	Se	0.2-1,000	Zr*	0.5-500
Cr*	1-10,000	Mn	5-10,000	Sn*	0.2-500		
Cs*	0.05-500	Mo	0.05-10,000	Sr*	0.2-10,000		

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **BARRICK GOLD CORPORATION**
PO BOX 11120
700-1055 W GEORGIA ST
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

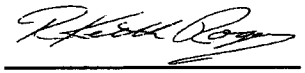
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode

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**
ATTN: RICHARD MANN
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: 

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

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
KZ05R0001		0.14	<0.001			<0.2	1.09	3	<10	230	<0.5	<2	0.55	<0.5	3	37
KZ05R0002		0.32	0.064			2.7	0.29	790	<10	330	<0.5	3	0.01	0.5	<1	1
KZ05R0003		0.52	<0.001			<0.2	1.40	19	<10	160	<0.5	<2	1.26	<0.5	5	17
KZ05R0004		0.52	<0.001			<0.2	1.04	60	<10	130	<0.5	<2	1.33	<0.5	6	3
KZ05R0005		0.46	<0.001			0.4	2.22	44	<10	50	0.5	3	1.96	0.5	15	7
KZ05R0005D		<0.02	<0.001			0.3	2.14	41	<10	50	0.5	<2	1.90	<0.5	15	2
KZ05R0006		0.46	<0.001			<0.2	0.36	3	<10	190	<0.5	3	0.69	<0.5	<1	8
KZ05R0007		0.66	<0.001			<0.2	0.78	4	<10	50	<0.5	2	0.25	0.8	5	5
KZ05R0008		0.54	<0.001			<0.2	1.84	4	<10	100	<0.5	2	0.60	<0.5	10	30
KZ05R0009		0.64	0.001			<0.2	2.08	13	<10	80	<0.5	2	2.35	<0.5	9	24
KZ05R0010		0.46	<0.001			0.2	2.45	21	<10	70	0.6	3	1.08	<0.5	7	32
KZ05R0011		0.76	<0.001			0.2	3.32	62	<10	100	0.6	2	3.89	2.3	8	35
KZ05R0012		0.40	<0.001			<0.2	0.56	9	<10	80	<0.5	2	0.04	0.6	<1	20
KZ05R0013		0.46	<0.001			<0.2	1.70	48	<10	70	0.5	3	4.26	0.8	7	67
KZ05R0014		0.78	0.004			<0.2	1.69	20	<10	100	<0.5	2	0.67	<0.5	5	23
KZ05R0015		0.54	0.009			0.2	1.38	62	<10	120	<0.5	2	0.47	<0.5	6	4
KZ05R0016		0.78	<0.001			<0.2	5.07	12	<10	90	1.2	3	2.28	<0.5	10	35
KZ05R0017		0.60	<0.001			<0.2	4.42	3	<10	60	1.2	3	2.23	<0.5	3	14
KZ05R0018		0.36	<0.001			5.6	0.37	6	<10	40	<0.5	8	16.3	3.1	<1	8
KZ05R0019		0.62	<0.001			5.5	2.53	23	<10	10	0.6	3	7.25	33.3	18	54
KZ05R0020		0.26	0.003			8.0	0.36	4	<10	150	<0.5	12	0.09	1.0	1	73
KZ05R0021		0.34	0.007			6.4	0.56	7	<10	150	<0.5	12	0.08	0.9	1	4
KZ05R0022		0.34	<0.001			<0.2	0.28	2	<10	50	<0.5	2	0.04	<0.5	<1	18
KZ05R0023		0.54	<0.001			0.2	0.52	5	<10	110	<0.5	2	0.08	<0.5	2	3
KZ05R0024		0.56	<0.001			<0.2	2.69	<2	<10	110	0.9	3	1.13	<0.5	1	32
KZ05R0025		0.08	1.755			19.9	0.20	4	<10	40	<0.5	3	0.25	0.5	1	4
KZ05R0026		0.12	0.003			<0.2	1.40	2	<10	250	<0.5	2	0.65	<0.5	4	9
KZ05R0027		0.44	<0.001			0.7	3.32	11	<10	80	0.6	3	4.21	0.7	4	9
KZ05R0028		0.84	0.006			<0.2	4.26	27	<10	140	1.4	4	0.97	<0.5	15	22
KZ05R0029		0.40	0.011			<0.2	4.67	120	<10	10	0.8	4	2.55	<0.5	1	29
KZ05R0030		0.28	0.031			<0.2	2.83	28	<10	70	<0.5	4	0.86	<0.5	2	6
KZ05R0030D		<0.02	0.004			<0.2	2.76	34	<10	60	<0.5	3	0.85	<0.5	2	31
KZ05R0031		1.10	1.640			3.4	2.80	>10000	<10	20	0.5	9	1.33	1.4	16	23
KZ05R0032		0.56	0.002			<0.2	4.60	6	<10	180	0.7	<2	2.85	<0.5	5	13
KZ05R0033		0.56	0.005			0.3	2.21	150	<10	70	<0.5	<2	0.41	<0.5	4	34
KZ05R0034		0.48	0.001			<0.2	2.00	158	10	90	<0.5	<2	0.55	<0.5	7	20
KZ05R0035		0.60	0.018			0.2	1.48	28	<10	230	<0.5	<2	0.22	<0.5	2	16
KZ05R0036		0.56	0.003			<0.2	1.59	6	<10	480	<0.5	2	0.46	<0.5	8	35
KZ05R0037		0.36	0.010			0.2	1.86	10	<10	70	<0.5	<2	0.41	<0.5	6	86
KZ05R0038		0.40	0.012			<0.2	3.80	23	<10	60	0.8	<2	1.92	0.7	9	13

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-JUL-2005
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
KZ05R0001		3	2.07	<10	<0.01	0.52	10	0.59	537	<1	0.09	3	770	3	0.01	<2
KZ05R0002		30	1.35	<10	0.12	0.24	<10	0.03	25	1	0.01	<1	390	222	0.55	182
KZ05R0003		9	3.17	10	0.01	0.08	10	0.78	902	1	0.07	1	1040	9	0.27	4
KZ05R0004		13	3.30	10	<0.01	0.09	10	0.76	664	1	0.08	<1	1040	10	1.07	3
KZ05R0005		94	4.50	10	<0.01	0.07	<10	1.41	779	1	0.22	3	1540	16	1.35	4
KZ05R0005D		93	4.54	10	<0.01	0.07	<10	1.40	777	1	0.21	2	1550	17	1.36	4
KZ05R0006		3	0.37	<10	0.04	0.16	20	0.02	692	1	0.01	<1	30	14	0.01	<2
KZ05R0007		22	1.97	<10	0.11	0.15	10	0.17	337	<1	0.04	5	340	4	0.01	<2
KZ05R0008		34	3.97	10	0.40	0.09	<10	1.21	620	1	0.06	9	630	4	0.02	<2
KZ05R0009		13	4.51	10	0.01	0.08	20	1.08	947	<1	0.05	7	1020	8	0.02	<2
KZ05R0010		13	5.00	10	<0.01	0.11	10	1.42	1545	<1	0.04	7	1080	15	0.21	<2
KZ05R0011		18	3.20	10	0.01	0.07	10	1.21	1055	4	0.31	48	880	13	0.07	<2
KZ05R0012		4	0.32	<10	<0.01	0.33	20	0.04	80	2	0.07	2	30	24	<0.01	<2
KZ05R0013		14	2.53	10	<0.01	0.08	10	1.61	2080	<1	0.06	31	630	5	0.11	2
KZ05R0014		16	2.48	10	<0.01	0.10	10	0.84	708	2	0.09	3	750	6	0.16	<2
KZ05R0015		8	2.41	10	0.04	0.23	10	0.74	568	8	0.04	1	840	17	0.02	2
KZ05R0016		10	3.09	10	<0.01	0.11	10	1.26	626	2	0.52	22	980	6	0.07	<2
KZ05R0017		6	1.96	10	<0.01	0.08	10	1.15	555	1	0.39	7	830	4	0.03	<2
KZ05R0018		34	0.17	<10	0.26	0.18	20	0.05	6560	2	0.01	1	130	1100	<0.01	2
KZ05R0019		8	3.18	<10	0.04	0.01	<10	2.29	3750	1	0.01	20	820	7770	0.23	3
KZ05R0020		21	2.45	<10	0.05	0.16	<10	0.02	62	7	0.02	2	130	876	0.55	<2
KZ05R0021		24	3.26	<10	0.12	0.24	<10	0.02	56	10	0.03	2	270	994	0.31	<2
KZ05R0022		2	0.21	<10	0.01	0.16	20	0.01	20	<1	<0.01	1	40	9	0.01	<2
KZ05R0023		4	1.36	<10	<0.01	0.28	10	0.08	118	2	0.04	1	250	21	0.55	<2
KZ05R0024		5	1.23	10	0.02	0.30	10	0.28	541	1	0.27	2	390	14	0.44	<2
KZ05R0025		5	2.88	<10	0.04	0.01	<10	0.05	112	1	0.10	4	630	124	2.85	<2
KZ05R0026		4	2.20	10	<0.01	0.64	10	0.60	558	1	0.16	3	740	6	0.01	<2
KZ05R0027		42	2.84	10	0.46	0.20	10	0.72	2280	1	0.01	2	620	284	<0.01	<2
KZ05R0028		91	4.83	10	0.01	0.64	10	0.81	669	1	0.19	23	470	11	<0.01	<2
KZ05R0029		22	3.28	10	0.02	0.15	<10	0.87	377	1	0.02	1	770	23	0.10	<2
KZ05R0030		12	1.99	10	0.01	0.19	<10	0.30	132	4	0.02	1	350	10	0.10	<2
KZ05R0030D		11	1.85	10	<0.01	0.19	<10	0.28	124	4	0.02	1	330	9	0.10	<2
KZ05R0031		66	8.06	10	<0.01	0.14	10	0.76	485	2	0.01	7	690	2010	3.13	25
KZ05R0032		16	2.29	10	0.01	0.08	10	0.49	333	17	0.59	4	790	20	1.00	3
KZ05R0033		46	3.82	10	0.01	0.29	10	1.14	550	2	0.04	8	1630	31	0.25	<2
KZ05R0034		15	2.42	10	0.02	0.26	10	0.60	369	<1	0.14	19	110	11	0.01	<2
KZ05R0035		7	2.68	10	<0.01	0.26	10	0.74	549	2	0.08	1	730	18	0.81	<2
KZ05R0036		47	3.99	10	0.02	1.07	10	1.48	470	4	0.14	11	1160	5	0.48	<2
KZ05R0037		52	4.18	10	0.03	0.24	10	1.25	357	12	0.12	25	860	7	0.90	<2
KZ05R0038		64	4.66	10	0.02	0.18	10	1.23	421	2	0.44	10	920	36	3.37	5

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-JUL-2005
Account: ATC

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
KZ05R0001		2	61	0.14	<10	<10	36	<10	46				
KZ05R0002		1	8	<0.01	<10	<10	3	<10	45				
KZ05R0003		5	121	0.06	<10	<10	61	<10	61				
KZ05R0004		5	90	0.06	<10	<10	60	<10	38				
KZ05R0005		7	143	0.26	<10	<10	126	<10	68				
KZ05R0005D		7	134	0.26	<10	<10	124	<10	68				
KZ05R0006		1	25	<0.01	<10	<10	1	<10	13				
KZ05R0007		3	16	<0.01	<10	<10	24	<10	43				
KZ05R0008		9	37	0.01	<10	<10	118	<10	42				
KZ05R0009		7	46	0.02	<10	<10	123	<10	87				
KZ05R0010		7	27	0.19	<10	<10	142	<10	106				
KZ05R0011		6	277	0.15	<10	<10	308	<10	305				
KZ05R0012		<1	9	<0.01	<10	<10	2	<10	78				
KZ05R0013		7	97	0.01	<10	<10	67	<10	104				
KZ05R0014		3	154	0.11	<10	<10	46	<10	39				
KZ05R0015		2	22	<0.01	<10	<10	26	<10	76				
KZ05R0016		7	421	0.15	<10	<10	101	<10	39				
KZ05R0017		3	277	0.09	<10	<10	43	<10	49				
KZ05R0018		<1	255	<0.01	<10	<10	4	<10	530				
KZ05R0019		7	194	0.14	<10	<10	69	<10	7680				
KZ05R0020		1	12	<0.01	<10	<10	2	<10	167				
KZ05R0021		1	18	<0.01	<10	<10	3	<10	143				
KZ05R0022		<1	12	<0.01	<10	<10	<1	<10	14				
KZ05R0023		1	24	0.06	<10	<10	6	<10	15				
KZ05R0024		1	376	0.04	<10	<10	11	<10	36				
KZ05R0025		<1	7	<0.01	<10	<10	1	<10	19				
KZ05R0026		3	92	0.17	<10	<10	38	<10	48				
KZ05R0027		2	363	0.07	<10	<10	22	<10	513				
KZ05R0028		7	174	0.12	<10	<10	57	<10	85				
KZ05R0029		6	91	0.10	<10	<10	62	<10	29				
KZ05R0030		4	133	0.08	<10	<10	50	<10	50				
KZ05R0030D		4	132	0.07	<10	<10	51	<10	51				
KZ05R0031		5	80	0.03	<10	<10	60	<10	104				
KZ05R0032		3	504	0.09	<10	<10	48	<10	74				
KZ05R0033		7	18	0.18	<10	<10	59	<10	41				
KZ05R0034		5	61	0.19	<10	<10	54	<10	42				
KZ05R0035		4	178	0.06	<10	<10	45	<10	33				
KZ05R0036		8	42	0.36	<10	<10	137	<10	54				
KZ05R0037		14	71	0.31	<10	<10	207	<10	73				
KZ05R0038		5	289	0.12	<10	<10	47	<10	64				

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

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
KZ05R0039		0.30	0.017			0.4	1.16	11	<10	140	<0.5	<2	0.05	<0.5	2	21
KZ05R0040		0.30	0.010			0.3	1.29	<2	<10	110	<0.5	<2	0.05	<0.5	2	3
KZ05R0041		0.52	<0.001			0.2	2.03	11	10	190	0.5	<2	1.19	<0.5	6	14
KZ05R0042		0.68	<0.001			<0.2	2.08	8	<10	110	0.6	<2	0.75	<0.5	8	55
KZ05R0043		0.48	0.003			0.8	2.41	22	10	160	0.5	<2	1.86	7.1	8	39
KZ05R0044		0.68	<0.001			<0.2	3.16	24	10	180	1.1	<2	0.30	<0.5	17	112
KZ05R0045		0.26	<0.001			<0.2	1.92	16	<10	110	<0.5	<2	0.41	<0.5	9	15
KZ05R0046		0.60	<0.001			<0.2	2.63	6	<10	100	0.6	<2	1.75	<0.5	4	3
KZ05R0047		0.84	<0.001			<0.2	2.63	31	<10	110	0.6	<2	0.70	<0.5	12	52
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
KZ05R1001		0.12	0.002			<0.2	1.18	<2	<10	220	<0.5	<2	0.65	<0.5	5	184
KZ05R1002		0.38	<0.001			<0.2	1.04	<2	<10	560	0.5	<2	3.10	<0.5	5	24
KZ05R1003		1.18	<0.001			<0.2	0.46	<2	10	110	0.7	<2	0.30	<0.5	<1	56
KZ05R1004		0.74	<0.001			0.2	2.11	8	<10	110	<0.5	<2	1.59	<0.5	19	27
KZ05R1005		0.54	0.002			<0.2	2.42	11	<10	90	0.5	<2	2.60	<0.5	12	63
KZ05R1005D		<0.02	0.003			0.2	2.40	15	<10	90	0.5	<2	2.59	<0.5	12	58
KZ05R1006		0.42	0.008			<0.2	2.69	13	<10	70	0.8	<2	1.92	<0.5	22	180
KZ05R1007		0.74	<0.001			0.2	3.07	56	<10	120	0.5	<2	2.31	<0.5	19	65
KZ05R1008		0.68	<0.001			<0.2	1.98	2	<10	70	0.8	<2	2.71	<0.5	14	33
KZ05R1009		0.56	0.001			0.3	1.69	20	<10	30	<0.5	<2	10.45	<0.5	10	86
KZ05R1010		0.62	0.011			<0.2	1.67	5	<10	80	0.5	<2	0.84	<0.5	8	84
KZ05R1011		0.56	0.001			<0.2	0.48	<2	<10	110	<0.5	<2	0.07	<0.5	<1	54
KZ05R1012		0.64	<0.001			<0.2	0.76	<2	<10	60	<0.5	<2	0.82	<0.5	3	67
KZ05R1013		0.68	0.001			0.4	0.94	80	<10	30	<0.5	<2	>25.0	<0.5	1	11
KZ05R1014		0.52	<0.001			<0.2	0.65	10	<10	70	<0.5	<2	0.22	<0.5	2	86
KZ05R1015		0.60	<0.001			<0.2	0.71	2	<10	60	<0.5	<2	0.62	<0.5	2	65
KZ05R1016		0.72	0.046			1.1	2.34	1260	<10	20	<0.5	2	0.11	<0.5	17	41
KZ05R1017		0.70	<0.001			0.3	0.72	9	<10	70	<0.5	<2	0.05	<0.5	5	102
KZ05R1018		0.50	0.008			<0.2	0.45	22	<10	230	<0.5	<2	0.06	<0.5	<1	48
KZ05R1019		0.48	0.002			<0.2	3.12	<2	<10	60	1.0	<2	1.84	<0.5	5	69
KZ05R1020		0.60	<0.001			0.4	0.13	<2	<10	20	<0.5	<2	8.99	<0.5	1	110
KZ05R1021		0.40	0.001			<0.2	0.18	<2	<10	30	<0.5	<2	4.50	<0.5	2	178
KZ05R1022		0.50	<0.001			0.2	3.83	17	<10	3000	<0.5	<2	2.35	<0.5	11	53
KZ05R1023		0.74	0.033			0.2	2.80	9	<10	70	<0.5	<2	0.82	<0.5	24	49
KZ05R1024		0.64	<0.001			0.2	10.90	3	<10	40	0.7	<2	7.26	<0.5	<1	6
KZ05R1025		0.08	1.735			20.2	0.20	<2	<10	40	<0.5	<2	0.26	<0.5	1	4
KZ05R1026		0.14	0.004			<0.2	1.33	2	<10	240	<0.5	<2	0.65	<0.5	4	81
KZ05R1027		0.42	0.001			<0.2	1.26	<2	<10	90	0.5	<2	1.85	<0.5	14	13

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-JUL-2005
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
KZ05R0039		12	4.11	10	0.01	0.36	20	0.88	136	2	0.05	1	840	28	1.04	<2
KZ05R0040		11	3.76	10	0.01	0.39	20	0.97	172	2	0.06	1	1060	29	0.65	<2
KZ05R0041		1	2.56	10	0.01	0.18	10	0.81	509	<1	0.06	3	640	13	<0.01	<2
KZ05R0042		44	4.01	10	0.01	0.24	20	0.93	669	<1	0.04	48	970	5	0.01	<2
KZ05R0043		18	4.05	10	0.05	0.25	20	1.25	2120	3	0.04	28	1080	91	0.10	6
KZ05R0044		64	4.50	10	0.02	0.34	20	1.67	319	1	0.02	192	810	7	<0.01	<2
KZ05R0045		80	3.63	10	0.05	0.19	20	0.89	464	3	0.08	8	1390	16	0.02	<2
KZ05R0046		4	2.67	10	0.03	0.14	10	0.41	545	1	0.09	2	670	14	0.01	2
KZ05R0047		45	4.26	10	0.05	0.12	20	1.37	931	2	0.12	46	1170	17	0.04	<2
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
KZ05R1001		6	2.41	10	0.01	0.52	10	0.62	570	1	0.11	10	760	4	0.01	<2
KZ05R1002		3	2.81	<10	0.01	0.33	20	0.29	1185	<1	0.04	1	1020	6	0.02	<2
KZ05R1003		3	0.29	<10	0.01	0.30	20	0.01	382	<1	<0.01	2	30	17	<0.01	<2
KZ05R1004		120	5.03	10	0.01	0.13	<10	1.45	1005	2	0.12	10	1640	15	1.62	3
KZ05R1005		44	4.69	10	0.05	0.07	10	1.65	855	1	0.07	18	900	7	0.10	<2
KZ05R1005D		43	4.72	10	0.05	0.06	10	1.66	864	<1	0.07	19	910	9	0.10	<2
KZ05R1006		36	5.59	10	0.03	0.09	10	2.82	634	1	0.05	104	1450	15	0.47	<2
KZ05R1007		30	5.35	10	0.01	0.08	20	2.43	1135	1	0.20	27	2380	12	0.27	2
KZ05R1008		22	3.85	10	0.01	0.26	20	1.38	780	1	0.03	13	940	3	0.17	<2
KZ05R1009		40	3.21	10	0.03	0.04	10	1.12	1340	<1	0.04	24	700	4	0.02	<2
KZ05R1010		32	3.68	10	0.01	0.08	10	1.14	441	1	0.06	14	720	6	0.01	3
KZ05R1011		21	0.42	<10	0.06	0.26	10	0.02	42	3	<0.01	2	50	15	<0.01	<2
KZ05R1012		9	1.37	<10	0.03	0.13	10	0.27	241	1	0.06	4	220	5	0.01	<2
KZ05R1013		17	2.28	<10	<0.01	0.09	<10	0.23	1135	2	0.01	1	90	7	<0.01	2
KZ05R1014		12	1.13	<10	0.02	0.21	10	0.11	196	1	0.05	4	210	2	0.01	<2
KZ05R1015		9	1.35	<10	0.04	0.14	10	0.24	198	1	0.06	3	170	<2	<0.01	<2
KZ05R1016		173	6.03	10	0.02	0.01	<10	1.14	1250	10	0.08	7	560	5	0.86	12
KZ05R1017		11	1.57	<10	0.01	0.15	<10	0.15	439	1	0.07	4	200	3	0.02	<2
KZ05R1018		6	0.39	<10	0.04	0.25	30	0.02	38	3	0.01	2	90	23	0.04	<2
KZ05R1019		4	1.29	10	<0.01	0.17	<10	0.45	428	1	0.21	4	490	6	0.60	<2
KZ05R1020		7	0.40	<10	0.01	0.05	30	<0.01	256	3	0.01	4	220	92	0.07	<2
KZ05R1021		8	0.68	<10	0.01	0.09	50	0.01	229	2	0.01	4	360	13	0.11	<2
KZ05R1022		14	2.32	10	0.02	0.13	10	1.23	818	2	0.21	22	470	33	0.02	<2
KZ05R1023		35	3.55	10	0.01	0.25	10	0.89	864	3	0.30	11	460	21	2.20	4
KZ05R1024		6	0.49	10	<0.01	0.12	<10	0.14	74	1	0.05	1	230	3	0.07	<2
KZ05R1025		5	3.01	<10	0.05	0.01	<10	0.05	115	1	0.11	5	600	126	2.90	<2
KZ05R1026		4	2.16	10	<0.01	0.57	10	0.65	566	1	0.14	6	770	5	0.04	<2
KZ05R1027		90	4.72	10	0.01	0.20	10	1.01	947	<1	0.10	1	1900	7	0.02	2

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

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
KZ05R0039		2	80	0.06	<10	<10	31	<10	15				
KZ05R0040		2	91	0.07	<10	<10	32	<10	20				
KZ05R0041		3	274	0.22	<10	<10	53	<10	62				
KZ05R0042		7	39	0.18	<10	<10	88	<10	76				
KZ05R0043		5	51	0.01	<10	<10	90	<10	773				
KZ05R0044		7	21	<0.01	<10	<10	82	<10	122				
KZ05R0045		4	24	<0.01	<10	<10	64	<10	55				
KZ05R0046		3	215	0.18	<10	<10	46	<10	52				
KZ05R0047		10	83	0.26	<10	<10	111	<10	115				
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				
KZ05R1001		3	78	0.17	<10	<10	37	<10	48				
KZ05R1002		2	187	<0.01	<10	<10	22	<10	68				
KZ05R1003		1	55	<0.01	<10	<10	<1	<10	16				
KZ05R1004		6	117	0.26	<10	<10	119	<10	48				
KZ05R1005		13	94	0.27	<10	<10	134	<10	105				
KZ05R1005D		13	93	0.27	<10	<10	135	<10	73				
KZ05R1006		15	66	0.02	<10	<10	131	<10	93				
KZ05R1007		10	140	0.56	<10	<10	139	<10	112				
KZ05R1008		8	122	0.01	<10	<10	73	<10	76				
KZ05R1009		10	445	0.02	<10	<10	123	<10	43				
KZ05R1010		6	34	0.02	<10	<10	105	<10	57				
KZ05R1011		<1	6	<0.01	<10	<10	1	<10	21				
KZ05R1012		1	68	<0.01	<10	<10	14	<10	19				
KZ05R1013		1	758	<0.01	<10	<10	28	<10	17				
KZ05R1014		1	12	<0.01	<10	<10	13	<10	14				
KZ05R1015		1	35	<0.01	<10	<10	17	<10	19				
KZ05R1016		14	8	0.01	<10	<10	227	<10	67				
KZ05R1017		1	11	<0.01	<10	<10	17	<10	15				
KZ05R1018		1	11	<0.01	<10	<10	2	<10	32				
KZ05R1019		1	361	0.05	<10	<10	15	<10	31				
KZ05R1020		<1	93	<0.01	<10	<10	1	<10	6				
KZ05R1021		<1	43	<0.01	<10	<10	2	<10	14				
KZ05R1022		3	276	0.06	<10	<10	57	<10	81				
KZ05R1023		6	190	0.07	<10	<10	65	<10	74				
KZ05R1024		1	756	0.01	<10	<10	7	<10	14				
KZ05R1025		<1	7	<0.01	<10	<10	1	<10	19				
KZ05R1026		3	86	0.17	<10	<10	39	<10	49				
KZ05R1027		6	86	0.08	<10	<10	120	<10	59				

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

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
KZ05R1028		0.62	0.001			<0.2	1.30	<2	10	350	1.2	<2	3.46	<0.5	13	6
KZ05R1029		0.60	<0.001			0.2	0.24	<2	<10	90	<0.5	<2	16.8	1.6	2	3
KZ05R1030		0.70	<0.001			<0.2	0.48	<2	10	2350	0.6	<2	0.12	<0.5	<1	34
KZ05R1030D		<0.02	<0.001			<0.2	0.46	<2	10	2400	0.6	<2	0.18	<0.5	1	31
KZ05R1031		0.76	0.039			1.3	0.72	43	<10	1160	<0.5	<2	0.26	1.9	3	58
KZ05R1032		0.72	<0.001			<0.2	2.48	6	<10	120	0.6	<2	1.68	0.5	10	64
KZ05R1033		0.76	<0.001			0.5	2.19	10	<10	160	<0.5	<2	0.98	14.2	8	42
KZ05R1034		0.78	<0.001			<0.2	0.68	<2	<10	180	<0.5	<2	2.94	<0.5	4	68
KZ05R1035		0.66	<0.001			<0.2	1.02	9	<10	130	0.6	<2	0.65	<0.5	6	17
KZ05R1036		0.88	<0.001			0.3	0.43	5	<10	50	<0.5	<2	0.05	<0.5	<1	42
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
KZ05R1042		0.56	0.003			0.3	3.32	4	10	50	0.7	<2	4.20	0.5	12	16
KZ05R1043		1.16	<0.001			<0.2	3.91	<2	<10	50	<0.5	<2	3.16	<0.5	13	7
KZ05R1044		0.76	<0.001			<0.2	0.90	29	<10	60	<0.5	<2	9.19	0.5	3	8
KZ05R1045		0.66	0.012			51.2	0.27	4	<10	20	<0.5	3	0.06	6.7	1	71
KZ05R1046		0.50	0.009			83.7	0.46	7	<10	20	<0.5	5	0.37	0.7	<1	67
KZ05R1047		0.58	<0.001			0.4	0.89	<2	<10	70	<0.5	<2	0.26	<0.5	2	24
KZ05R1048		0.72	<0.001			0.2	0.22	<2	<10	30	<0.5	<2	0.06	<0.5	<1	20
KZ05R1049		0.88	<0.001			0.3	1.74	7	<10	80	<0.5	10	3.14	<0.5	10	22
KZ05R1050		0.08	1.640			20.4	0.21	7	<10	40	<0.5	<2	0.25	<0.5	1	4
KZ05R2001		0.14	0.003			<0.2	1.46	<2	<10	260	<0.5	<2	0.73	<0.5	4	12
KZ05R2002		0.56	<0.001			<0.2	1.30	<2	<10	1930	<0.5	<2	3.08	<0.5	4	7
KZ05R2003		0.50	0.006			0.2	2.10	19	<10	30	0.5	<2	3.25	<0.5	15	10
KZ05R2004		0.84	0.002			0.3	2.49	11	<10	100	<0.5	<2	2.95	<0.5	21	9
KZ05R2005		0.82	0.003			0.8	3.66	19	<10	160	<0.5	4	5.67	<0.5	18	11
KZ05R2005D		<0.02	0.001			0.8	3.47	17	<10	140	<0.5	4	5.54	<0.5	18	22
KZ05R2006		0.72	<0.001			0.2	1.28	<2	10	310	0.6	<2	1.92	<0.5	5	1
KZ05R2007		0.88	0.011			0.2	2.58	9	<10	70	0.5	<2	0.82	<0.5	19	107
KZ05R2008		0.94	0.002			0.7	2.05	9	<10	140	0.7	<2	1.57	<0.5	8	16
KZ05R2009		0.88	<0.001			<0.2	1.88	<2	10	150	0.5	<2	2.66	<0.5	5	6
KZ05R2010		1.12	0.008			0.7	2.14	57	<10	90	0.7	<2	0.30	<0.5	8	14
KZ05R2011		0.60	0.007			0.5	2.41	39	<10	90	0.6	<2	2.75	<0.5	13	56
KZ05R2012		0.78	0.002			<0.2	0.52	9	<10	80	<0.5	<2	0.38	<0.5	1	3
KZ05R2013		0.58	<0.001			0.3	0.80	20	<10	140	0.8	<2	0.94	<0.5	<1	35
KZ05R2014		1.14	0.225			4.0	1.52	3330	<10	40	<0.5	<2	0.39	12.0	3	13
KZ05R2015		0.44	0.004			0.2	2.09	104	<10	80	<0.5	<2	0.38	0.5	8	30

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-JUL-2005
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
KZ05R1028		60	3.83	<10	0.01	0.37	10	1.01	1345	<1	0.04	2	1350	5	0.02	2
KZ05R1029		4	5.49	<10	0.14	0.09	<10	6.21	4920	1	0.02	<1	170	22	<0.01	<2
KZ05R1030		2	0.26	<10	0.03	0.25	10	0.03	37	1	0.03	1	30	18	0.08	<2
KZ05R1030D		1	0.26	<10	0.02	0.24	10	0.04	50	1	0.02	1	30	18	0.08	<2
KZ05R1031		44	2.47	<10	5.79	0.21	<10	0.14	75	1	0.04	3	910	500	0.12	4
KZ05R1032		40	3.70	10	0.02	0.12	20	1.38	732	1	0.12	41	1000	13	0.03	2
KZ05R1033		21	4.13	10	0.08	0.10	10	1.14	3020	1	0.07	24	1000	331	0.04	<2
KZ05R1034		10	1.03	<10	0.01	0.12	10	0.31	298	1	0.06	10	250	8	0.03	<2
KZ05R1035		15	3.08	10	0.03	0.12	10	0.67	706	1	0.13	3	730	17	0.01	<2
KZ05R1036		2	0.22	<10	0.01	0.25	<10	0.01	262	<1	0.06	2	20	15	0.04	<2
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
KZ05R1042		80	3.69	20	0.01	0.04	<10	0.89	695	<1	0.08	8	760	6	0.05	<2
KZ05R1043		45	4.10	10	0.03	0.07	<10	1.32	871	<1	0.07	5	600	3	0.07	<2
KZ05R1044		72	3.55	<10	0.91	0.16	10	2.74	671	1	0.02	<1	550	11	0.94	<2
KZ05R1045		2800	1.89	<10	0.48	0.07	10	0.02	62	67	0.02	2	40	>10000	0.48	12
KZ05R1046		3670	3.91	<10	0.41	0.19	10	0.04	44	94	0.05	2	70	>10000	0.69	19
KZ05R1047		16	1.86	<10	<0.01	0.17	20	0.23	488	2	0.11	1	320	154	0.01	<2
KZ05R1048		11	0.66	<10	0.02	0.13	<10	0.02	164	6	0.01	2	40	115	0.02	<2
KZ05R1049		41	2.97	10	<0.01	0.13	10	0.87	580	1	0.10	7	1810	46	0.02	4
KZ05R1050		6	3.03	<10	0.06	0.01	<10	0.05	118	1	0.11	5	650	140	2.91	2
KZ05R2001		3	2.23	10	<0.01	0.64	10	0.63	563	<1	0.18	3	750	11	0.01	<2
KZ05R2002		3	2.66	<10	0.01	0.30	20	0.45	955	<1	0.05	1	1040	13	0.06	<2
KZ05R2003		24	4.79	10	0.01	0.06	10	1.56	1170	<1	0.09	6	2000	19	1.36	<2
KZ05R2004		78	4.47	10	0.02	0.15	10	1.47	1445	1	0.22	8	1590	12	0.72	2
KZ05R2005		385	3.82	10	0.01	0.23	<10	1.15	1140	22	0.56	15	880	15	1.64	5
KZ05R2005D		405	3.86	<10	0.01	0.18	<10	1.14	1190	19	0.52	15	880	18	1.54	4
KZ05R2006		10	2.36	<10	0.07	0.30	20	0.33	751	1	0.05	2	830	16	0.04	<2
KZ05R2007		80	5.20	10	0.10	0.10	10	2.39	640	1	0.07	51	1190	11	0.17	<2
KZ05R2008		14	3.68	10	0.01	0.24	20	1.14	978	<1	0.08	8	840	13	0.10	<2
KZ05R2009		13	2.86	<10	<0.01	0.36	20	0.65	722	<1	0.04	1	850	7	0.31	2
KZ05R2010		20	4.75	10	0.05	0.24	20	0.78	645	6	0.04	7	1000	15	0.25	3
KZ05R2011		45	4.83	10	0.07	0.21	20	1.18	1415	1	0.06	20	1270	14	0.20	<2
KZ05R2012		2	0.48	<10	<0.01	0.26	30	0.04	317	<1	0.10	<1	40	15	0.02	<2
KZ05R2013		7	1.18	<10	0.02	0.23	20	0.41	880	1	0.05	2	30	15	0.06	<2
KZ05R2014		109	5.23	10	0.28	0.20	10	0.59	806	<1	0.02	3	720	325	0.85	9
KZ05R2015		11	3.64	10	0.09	0.22	20	0.95	752	<1	0.05	5	1000	24	0.05	<2

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-JUL-2005
Account: ATC

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
KZ05R1028		11	156	0.01	<10	<10	65	<10	81				
KZ05R1029		2	454	<0.01	<10	<10	11	<10	231				
KZ05R1030		1	50	<0.01	<10	<10	1	<10	9				
KZ05R1030D		1	51	<0.01	<10	<10	<1	<10	9				
KZ05R1031		2	166	<0.01	<10	<10	25	<10	220				
KZ05R1032		10	108	0.25	<10	<10	116	<10	111				
KZ05R1033		7	57	0.25	<10	<10	124	<10	1195				
KZ05R1034		2	85	0.01	<10	<10	26	<10	35				
KZ05R1035		5	32	0.25	<10	<10	61	<10	66				
KZ05R1036		1	7	<0.01	<10	10	1	<10	9				
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				
KZ05R1042		8	100	0.26	<10	<10	131	<10	84				
KZ05R1043		10	407	0.26	<10	<10	132	<10	60				
KZ05R1044		2	345	<0.01	<10	<10	20	<10	69				
KZ05R1045		1	33	<0.01	<10	70	3	<10	638		3.96		
KZ05R1046		1	48	<0.01	<10	90	3	<10	152		5.48		
KZ05R1047		4	15	0.09	<10	<10	9	<10	78				
KZ05R1048		1	4	<0.01	<10	<10	3	<10	16				
KZ05R1049		5	208	0.31	<10	<10	89	<10	73				
KZ05R1050		<1	6	<0.01	<10	<10	1	<10	22				
KZ05R2001		3	102	0.18	<10	<10	38	<10	49				
KZ05R2002		2	210	<0.01	<10	<10	27	<10	65				
KZ05R2003		9	164	0.26	<10	<10	151	<10	33				
KZ05R2004		9	222	0.33	<10	<10	149	<10	63				
KZ05R2005		14	436	0.13	<10	<10	169	<10	42				
KZ05R2005D		14	416	0.12	<10	<10	162	<10	44				
KZ05R2006		4	275	<0.01	<10	<10	20	<10	67				
KZ05R2007		11	47	0.02	<10	<10	168	<10	89				
KZ05R2008		6	80	0.02	<10	<10	65	<10	68				
KZ05R2009		4	186	<0.01	<10	<10	24	<10	51				
KZ05R2010		5	15	<0.01	<10	<10	66	<10	53				
KZ05R2011		7	55	0.01	<10	<10	127	<10	91				
KZ05R2012		<1	15	<0.01	<10	<10	1	<10	29				
KZ05R2013		1	69	<0.01	<10	<10	2	<10	25				
KZ05R2014		2	15	<0.01	<10	<10	47	<10	1970				
KZ05R2015		4	12	<0.01	<10	<10	72	<10	163				

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

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
KZ05R2016		0.42	0.002			0.7	0.51	34	<10	60	<0.5	<2	0.02	<0.5	<1	4
KZ05R2017		0.56	<0.001			<0.2	0.63	<2	<10	50	<0.5	<2	0.01	<0.5	<1	18
KZ05R2018		0.86	<0.001			0.2	1.89	16	<10	160	0.5	<2	2.39	<0.5	5	2
KZ05R2019		1.02	0.001			<0.2	0.67	79	<10	80	<0.5	<2	0.03	<0.5	1	30
KZ05R2020		0.32	<0.001			<0.2	0.74	68	<10	80	<0.5	<2	0.03	<0.5	<1	3
KZ05R2021		0.16	<0.001			0.7	1.26	<2	<10	230	<0.5	<2	0.65	<0.5	5	68
KZ05R2022		0.74	0.001			0.6	2.76	198	<10	380	0.6	<2	4.20	<0.5	20	88
KZ05R2023		0.46	<0.001			0.2	1.56	12	<10	190	0.6	<2	7.35	<0.5	4	23
KZ05R2024		0.38	0.002			<0.2	3.10	10	<10	60	1.1	<2	3.22	<0.5	15	169
KZ05R2025		0.08	1.730			20.2	0.20	3	<10	40	<0.5	<2	0.26	<0.5	1	4
KZ05R2026		0.22	0.002			<0.2	1.18	<2	<10	230	<0.5	<2	0.70	<0.5	4	49
KZ05R2027		0.86	0.061			2.9	2.03	824	<10	60	<0.5	<2	0.14	<0.5	15	19
KZ05R2028		0.48	0.013			1.9	1.71	915	<10	20	<0.5	<2	0.13	<0.5	12	30
KZ05R2029		0.42	0.001			0.2	2.58	18	<10	140	1.0	<2	2.03	<0.5	7	10
KZ05R2030		0.56	<0.001			0.3	3.47	<2	<10	50	<0.5	<2	1.82	<0.5	5	36
KZ05R2030D		<0.02	<0.001			<0.2	3.46	10	<10	50	<0.5	<2	1.83	<0.5	5	34
KZ05R2031		0.46	0.005			33.7	0.26	6	<10	40	<0.5	38	0.03	<0.5	<1	14
KZ05R2032		0.50	<0.001			<0.2	1.76	10	<10	180	<0.5	<2	0.44	<0.5	7	15
KZ05R2033		0.66	0.006			<0.2	3.05	61	<10	310	<0.5	<2	1.64	<0.5	10	17
KZ05R2034		0.78	0.022			0.3	3.20	89	<10	200	<0.5	2	2.14	<0.5	1	6
KZ05R2035		0.44	0.002			0.2	2.78	12	<10	40	<0.5	<2	2.17	<0.5	11	16
KZ05R2036		0.92	0.005			0.4	1.81	32	<10	140	<0.5	<2	0.62	<0.5	10	9
KZ05R2037		0.38	0.019			0.8	6.67	128	<10	140	0.8	<2	4.49	<0.5	4	5
KZ05R2038		0.68	0.002			0.2	3.22	26	<10	20	0.8	<2	2.16	<0.5	10	27
KZ05R2039		0.40	0.002			0.5	5.14	3	<10	160	0.9	<2	2.88	3.6	4	51
KZ05R2040		0.78	0.015			0.4	1.93	5	<10	40	<0.5	<2	0.86	0.7	10	23
KZ05R2041		0.72	0.001			0.2	2.73	2	<10	50	<0.5	<2	1.28	0.8	8	66
KZ05R2042		0.60	0.001			<0.2	3.22	5	<10	160	<0.5	<2	1.50	<0.5	10	17
KZ05R2043		0.60	0.013			0.3	1.75	13	<10	60	<0.5	<2	0.35	<0.5	21	121
KZ05R2044		0.58	0.016			0.2	4.37	22	<10	10	0.5	<2	2.36	<0.5	<1	98
KZ05R2045		0.54	0.012			0.2	3.59	4	<10	30	<0.5	<2	1.84	<0.5	2	66
KZ05R2046		0.62	0.008			0.2	2.44	5	<10	70	<0.5	<2	1.81	<0.5	7	3
KZ05R2047		0.50	0.005			<0.2	4.83	5	<10	90	0.7	<2	1.92	<0.5	24	124
KZ05R2048		0.62	0.010			0.3	3.97	13	10	30	1.1	<2	2.68	<0.5	2	50
KZ05R2049		0.74	0.006			<0.2	1.87	13	<10	20	<0.5	<2	1.66	<0.5	11	38
KZ05R2050		0.08	1.855			20.7	0.19	3	<10	30	<0.5	<2	0.26	<0.5	1	4
KZ05R3000		0.14	0.006			<0.2	1.01	<2	<10	200	<0.5	<2	0.53	<0.5	4	9
KZ05R3001		0.80	>10.0	17.45	18.20	25.6	0.01	>10000	<10	10	<0.5	58	<0.01	21.2	26	7
KZ05R3002		0.56	0.044			0.3	1.31	275	<10	150	<0.5	<2	1.68	<0.5	4	3
KZ05R3003		0.42	0.307			0.6	0.40	6130	<10	190	<0.5	2	2.85	0.7	6	7

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-JUL-2005
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
KZ05R2016		4	0.38	<10	0.01	0.27	10	0.02	38	3	0.01	1	90	6	0.02	<2
KZ05R2017		3	0.32	<10	<0.01	0.31	20	0.03	106	2	0.01	1	70	<2	0.01	<2
KZ05R2018		21	2.81	<10	0.01	0.31	20	0.68	612	1	0.05	<1	820	13	0.03	<2
KZ05R2019		7	1.04	<10	0.09	0.22	<10	0.06	100	1	0.07	1	220	2	0.03	<2
KZ05R2020		6	1.34	<10	0.08	0.25	<10	0.07	81	1	0.08	1	240	3	0.03	<2
KZ05R2021		23	2.06	<10	<0.01	0.56	10	0.63	550	1	0.13	4	760	335	0.01	<2
KZ05R2022		42	5.22	10	0.15	0.10	30	1.90	793	2	0.12	43	3490	158	0.64	3
KZ05R2023		7	1.31	<10	0.01	0.19	10	0.55	916	<1	0.16	4	680	17	0.12	3
KZ05R2024		29	5.17	10	0.02	0.07	10	2.91	823	<1	0.04	76	1390	18	0.07	<2
KZ05R2025		5	3.09	<10	0.04	0.01	<10	0.05	118	<1	0.11	5	630	128	2.98	<2
KZ05R2026		3	2.03	<10	<0.01	0.53	10	0.63	550	<1	0.10	4	790	11	0.01	<2
KZ05R2027		104	5.57	10	0.12	0.01	<10	0.62	499	2	0.01	7	320	15	0.15	6
KZ05R2028		96	5.00	10	0.07	0.01	<10	0.79	972	1	0.11	8	520	8	0.88	2
KZ05R2029		18	2.41	10	0.01	0.27	20	0.45	551	<1	0.27	7	1530	28	0.11	<2
KZ05R2030		7	2.79	10	<0.01	0.06	10	1.03	456	6	0.17	6	700	17	0.93	<2
KZ05R2030D		6	2.70	10	<0.01	0.07	10	0.99	440	6	0.17	6	680	10	0.92	<2
KZ05R2031		13	0.76	<10	0.61	0.16	10	0.01	18	2	0.01	1	450	>10000	0.59	2
KZ05R2032		19	2.92	10	0.01	0.33	10	0.71	330	1	0.05	17	70	29	0.46	<2
KZ05R2033		4	2.72	10	0.01	0.08	10	0.69	639	<1	0.14	6	780	46	0.52	<2
KZ05R2034		4	3.76	<10	0.01	0.12	10	0.25	83	<1	0.01	1	520	44	0.42	<2
KZ05R2035		15	4.64	10	0.01	0.06	10	1.65	1010	<1	0.05	15	1060	19	0.02	<2
KZ05R2036		21	3.00	<10	0.01	0.12	10	0.92	629	2	0.08	7	860	28	0.96	<2
KZ05R2037		73	2.47	10	0.06	0.17	10	0.69	797	2	0.01	3	650	230	0.02	6
KZ05R2038		22	2.90	10	0.01	0.06	10	0.78	676	<1	0.03	19	920	33	0.03	<2
KZ05R2039		17	2.47	10	0.02	0.12	10	0.93	502	<1	0.62	17	960	125	0.56	<2
KZ05R2040		33	4.72	10	0.01	0.08	10	0.78	603	1	0.09	5	490	58	1.04	<2
KZ05R2041		42	3.89	10	0.01	0.12	10	0.62	557	<1	0.19	33	590	56	1.18	<2
KZ05R2042		18	4.45	10	0.01	0.06	10	1.32	988	<1	0.17	7	720	19	1.26	<2
KZ05R2043		111	4.55	10	<0.01	1.12	<10	2.08	337	3	0.07	61	950	10	1.86	<2
KZ05R2044		34	5.68	20	0.01	0.08	<10	1.56	320	3	0.01	21	890	9	0.49	<2
KZ05R2045		34	4.41	10	<0.01	0.11	<10	1.17	272	2	0.04	14	710	14	0.73	<2
KZ05R2046		44	3.05	10	<0.01	0.24	10	0.92	371	<1	0.18	4	790	6	2.31	<2
KZ05R2047		155	5.74	10	<0.01	1.54	<10	2.42	368	1	0.61	76	1090	<2	2.44	<2
KZ05R2048		583	2.25	10	<0.01	0.06	10	0.45	154	<1	0.57	54	1110	6	1.88	<2
KZ05R2049		97	2.81	10	<0.01	0.07	<10	0.65	388	6	0.21	48	840	7	1.84	<2
KZ05R2050		6	2.97	<10	0.03	0.01	<10	0.05	116	<1	0.10	6	660	124	2.81	<2
KZ05R3000		5	2.04	<10	<0.01	0.49	10	0.58	511	<1	0.07	4	730	4	0.02	<2
KZ05R3001		142	25.2	<10	0.09	0.01	<10	<0.01	19	<1	<0.01	5	<10	955	>10.0	1675
KZ05R3002		7	2.73	10	0.01	0.10	10	0.72	823	<1	0.06	2	1060	14	0.19	<2
KZ05R3003		6	2.36	<10	0.01	0.26	10	0.11	1350	1	0.02	8	750	32	0.43	26

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-JUL-2005
Account: ATC

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
KZ05R2016		<1	12	<0.01	<10	<10	3	<10	17				
KZ05R2017		<1	8	<0.01	<10	<10	1	<10	10				
KZ05R2018		2	184	<0.01	<10	<10	23	<10	84				
KZ05R2019		1	10	<0.01	<10	<10	8	<10	5				
KZ05R2020		1	10	<0.01	<10	<10	9	<10	8				
KZ05R2021		3	86	0.17	<10	<10	37	<10	48				
KZ05R2022		9	267	0.05	<10	<10	143	<10	114				
KZ05R2023		6	399	0.13	<10	<10	36	<10	49				
KZ05R2024		15	295	0.02	<10	<10	126	<10	86				
KZ05R2025		<1	6	<0.01	<10	<10	1	<10	21				
KZ05R2026		2	71	0.16	<10	<10	36	<10	48				
KZ05R2027		10	13	0.01	<10	<10	163	<10	63				
KZ05R2028		14	7	0.01	<10	<10	264	<10	69				
KZ05R2029		3	110	0.34	<10	<10	48	<10	61				
KZ05R2030		3	232	0.10	<10	<10	49	<10	44				
KZ05R2030D		3	231	0.10	<10	<10	49	<10	42				
KZ05R2031		<1	26	<0.01	<10	<10	4	<10	76		2.09		
KZ05R2032		3	69	0.14	<10	<10	46	<10	48				
KZ05R2033		4	523	0.12	<10	<10	63	<10	28				
KZ05R2034		2	154	0.04	<10	<10	30	<10	6				
KZ05R2035		6	74	0.25	<10	<10	100	<10	101				
KZ05R2036		2	122	0.11	<10	<10	44	<10	55				
KZ05R2037		3	371	0.08	<10	<10	50	<10	239				
KZ05R2038		3	173	0.08	<10	<10	80	<10	84				
KZ05R2039		5	558	0.14	<10	<10	106	<10	499				
KZ05R2040		5	64	0.16	<10	<10	78	<10	81				
KZ05R2041		4	225	0.10	<10	<10	101	<10	139				
KZ05R2042		4	498	0.15	<10	<10	89	<10	42				
KZ05R2043		18	19	0.36	<10	<10	166	<10	42				
KZ05R2044		12	140	0.25	<10	<10	157	<10	16				
KZ05R2045		9	127	0.20	<10	<10	99	10	25				
KZ05R2046		3	181	0.10	<10	<10	44	<10	43				
KZ05R2047		21	205	0.33	<10	<10	187	<10	28				
KZ05R2048		2	263	0.12	<10	<10	59	<10	35				
KZ05R2049		2	95	0.13	<10	<10	60	<10	40				
KZ05R2050		<1	6	<0.01	<10	<10	1	<10	24				
KZ05R3000		2	62	0.14	<10	<10	36	<10	45				
KZ05R3001		<1	3	<0.01	10	<10	1	<10	2080				
KZ05R3002		5	80	0.02	<10	<10	56	<10	68				
KZ05R3003		2	94	<0.01	<10	<10	5	<10	68				

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

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
KZ05R3004		0.54	0.009			<0.2	1.21	34	<10	210	0.5	<2	1.66	<0.5	5	2
KZ05R3005		0.88	0.025			0.6	2.42	216	<10	70	0.7	<2	2.33	<0.5	18	60
KZ05R3005D		<0.02	0.015			0.4	2.39	88	<10	60	0.7	<2	2.38	<0.5	17	56
KZ05R3006		0.52	0.010			0.2	3.09	87	<10	50	0.9	<2	1.51	0.8	10	31
KZ05R3007		0.58	0.004			0.2	0.70	38	<10	70	<0.5	<2	0.05	<0.5	2	8
KZ05R3008		0.72	0.003			<0.2	2.81	41	<10	50	0.6	<2	1.41	<0.5	12	18
KZ05R3009		0.46	0.007			9.7	3.40	27	<10	30	0.5	22	1.88	4.0	<1	24
KZ05R3010		0.44	0.002			0.3	1.00	48	<10	30	<0.5	<2	4.75	<0.5	3	33
KZ05R3011		0.82	0.008			0.9	0.38	72	<10	60	<0.5	<2	0.05	<0.5	2	2
KZ05R3012		0.50	0.003			<0.2	1.93	19	<10	60	0.9	<2	0.78	<0.5	4	6
KZ05R3013		0.48	0.027			0.3	0.76	20	<10	40	<0.5	5	0.24	<0.5	1	11
KZ05R3014		0.48	0.003			<0.2	3.34	15	<10	40	0.6	<2	1.78	<0.5	10	5
KZ05R3015		0.28	0.003			<0.2	9.02	14	<10	110	0.9	<2	6.43	<0.5	3	4
KZ05R3016		0.46	0.034			<0.2	2.33	14	<10	90	0.6	<2	2.50	<0.5	18	5
KZ05R3017		0.58	0.005			<0.2	1.61	25	10	110	0.7	<2	3.22	<0.5	20	76
KZ05R3018		0.60	<0.001			<0.2	0.22	19	<10	620	<0.5	<2	>25.0	0.7	1	1
KZ05R3019		0.58	0.002			<0.2	0.46	7	<10	350	0.7	<2	4.45	<0.5	4	1
KZ05R3020		0.56	0.001			<0.2	0.87	8	10	140	1.5	<2	6.77	<0.5	8	2
KZ05R3021		0.50	0.002			<0.2	1.22	6	10	170	1.9	<2	6.28	<0.5	9	2
KZ05R3022		0.98	0.015			1.1	0.78	34	<10	110	<0.5	<2	0.13	8.6	4	21
KZ05R3023		1.20	0.024			0.8	1.09	42	<10	220	<0.5	<2	0.13	1.3	6	4
KZ05R3024		0.52	0.009			0.8	2.65	159	<10	310	<0.5	<2	1.25	<0.5	1	8
KZ05R3025		0.68	<0.001			<0.2	4.30	28	<10	80	0.5	<2	2.19	<0.5	6	5
KZ05R3026		0.08	1.875			20.2	0.18	15	<10	30	<0.5	<2	0.25	<0.5	1	4
KZ05R3027		0.14	0.006			<0.2	1.01	23	<10	220	<0.5	<2	0.50	<0.5	4	21
KZ05R3028		0.52	0.019			0.8	1.05	248	<10	270	<0.5	<2	0.28	<0.5	1	11
KZ05R3029		1.14	0.482			>100	0.50	5260	<10	40	<0.5	132	1.68	>500	121	6
KZ05R3030		0.66	1.145			>100	0.17	>10000	10	130	<0.5	141	0.06	17.4	25	<1
KZ05R3030D		<0.02	1.045			>100	0.15	>10000	10	140	<0.5	122	0.06	18.8	26	26
KZ05R3031		1.00	0.109			>100	1.98	5650	<10	170	<0.5	50	0.06	19.4	190	5
KZ05R3032		0.76	0.014			31.4	1.69	539	<10	200	<0.5	4	0.18	2.3	3	20
KZ05R3033		0.74	0.007			4.2	2.09	176	<10	70	<0.5	<2	0.53	<0.5	6	30
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
KZ05R3036		0.56	0.003			2.8	0.36	25	10	200	<0.5	2	3.65	<0.5	25	5
KZ05R3037		0.84	0.001			5.2	0.21	19	<10	1360	<0.5	<2	14.3	2.7	2	26
KZ05R3038		0.72	0.004			1.3	1.74	22	<10	170	0.8	<2	4.93	<0.5	18	42
KZ05R3039		0.72	0.004			1.1	0.30	60	<10	1140	<0.5	<2	7.76	<0.5	13	10
KZ05R3040		1.02	0.092			11.0	1.46	>10000	<10	20	1.2	24	9.05	26.2	16	7
KZ05R3041		0.52	0.007			0.8	1.07	163	<10	40	0.5	<2	7.41	0.6	19	102

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-JUL-2005
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
KZ05R3004		9	2.28	10	0.01	0.26	10	0.49	887	<1	0.06	2	750	17	0.02	<2
KZ05R3005		80	5.53	10	0.21	0.07	10	1.66	1005	<1	0.04	26	1120	10	0.06	<2
KZ05R3005D		78	5.45	20	0.19	0.06	10	1.64	1010	<1	0.04	25	1180	4	0.05	<2
KZ05R3006		39	2.73	10	0.01	0.09	10	0.77	535	2	0.41	18	1200	4	0.42	<2
KZ05R3007		4	1.38	<10	0.01	0.13	20	0.47	365	2	0.04	4	320	22	0.03	<2
KZ05R3008		9	3.92	10	<0.01	0.07	10	1.78	804	<1	0.11	7	1680	2	0.01	<2
KZ05R3009		83	4.65	30	0.89	0.09	<10	1.04	1155	1	0.05	6	1350	1345	0.52	<2
KZ05R3010		5	1.59	<10	0.09	0.04	10	0.60	960	<1	0.01	7	360	16	0.01	<2
KZ05R3011		5	1.25	<10	0.04	0.22	10	0.02	39	7	0.01	2	640	32	0.40	<2
KZ05R3012		2	1.23	<10	<0.01	0.21	10	0.41	532	<1	0.10	5	600	5	0.11	<2
KZ05R3013		17	5.96	<10	0.02	0.16	<10	0.05	54	<1	0.01	3	720	12	0.12	<2
KZ05R3014		2	3.42	10	0.01	0.11	10	1.14	801	1	0.02	6	1090	4	<0.01	<2
KZ05R3015		8	1.10	10	0.01	0.19	<10	0.23	252	<1	0.01	4	430	4	<0.01	<2
KZ05R3016		96	3.97	10	0.01	0.16	20	1.04	807	1	0.03	8	860	51	0.12	<2
KZ05R3017		19	4.16	<10	0.05	0.18	10	2.00	834	<1	0.02	140	1060	9	0.12	<2
KZ05R3018		12	0.40	<10	0.44	0.04	<10	0.25	1465	<1	0.01	5	260	6	<0.01	<2
KZ05R3019		4	2.39	<10	0.04	0.23	10	0.10	1155	<1	0.02	3	740	15	0.01	<2
KZ05R3020		190	3.94	<10	0.01	0.32	10	0.95	1160	<1	0.02	9	2510	3	0.01	<2
KZ05R3021		194	4.16	<10	0.02	0.33	10	0.53	958	<1	0.03	12	2540	5	0.01	<2
KZ05R3022		38	2.36	<10	3.58	0.12	<10	0.33	92	<1	0.01	3	610	950	0.53	3
KZ05R3023		32	3.34	<10	0.80	0.12	10	0.53	137	<1	0.01	3	630	158	0.47	<2
KZ05R3024		21	3.24	10	0.06	0.10	10	0.37	251	70	0.06	3	380	38	0.06	<2
KZ05R3025		11	3.26	10	0.02	0.07	10	0.76	538	1	0.07	3	850	17	0.11	<2
KZ05R3026		5	2.97	<10	0.03	0.01	<10	0.05	112	<1	0.10	5	620	126	2.83	<2
KZ05R3027		2	2.01	<10	<0.01	0.50	10	0.61	527	<1	0.06	5	750	2	<0.01	<2
KZ05R3028		9	3.80	10	0.36	0.12	10	0.37	376	82	0.05	3	610	78	0.28	10
KZ05R3029		5560	7.68	<10	14.45	0.03	<10	0.48	4950	3	<0.01	30	80	>10000	6.89	1145
KZ05R3030		3630	3.61	<10	3.12	0.03	10	0.01	114	9	<0.01	4	70	>10000	0.66	4570
KZ05R3030D		3280	3.28	<10	2.73	0.02	10	0.01	118	6	<0.01	3	70	>10000	0.62	4050
KZ05R3031		1655	7.05	10	0.59	0.04	10	0.23	836	2	<0.01	2	110	4000	0.30	437
KZ05R3032		69	7.02	10	0.21	0.17	20	0.36	624	13	0.03	5	580	1240	0.19	39
KZ05R3033		28	5.45	10	0.14	0.07	20	0.42	306	12	0.05	8	460	77	0.12	5
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
KZ05R3036		166	7.08	<10	0.03	0.22	<10	1.72	1460	<1	0.03	11	1080	20	0.10	<2
KZ05R3037		41	4.63	<10	0.60	0.04	<10	5.32	2190	<1	0.02	4	120	306	0.07	5
KZ05R3038		152	4.77	<10	0.03	0.13	10	1.82	988	<1	0.04	50	1920	13	0.11	<2
KZ05R3039		45	4.07	<10	0.01	0.16	<10	0.45	1245	3	<0.01	22	480	12	0.11	<2
KZ05R3040		120	21.8	<10	0.05	0.09	<10	0.86	1670	5	<0.01	30	590	1390	9.57	77
KZ05R3041		69	4.02	<10	0.14	0.10	10	0.65	818	<1	0.02	46	1160	14	0.17	<2

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-JUL-2005
Account: ATC

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
KZ05R3004		2	181	0.12	<10	<10	25	<10	70				
KZ05R3005		12	76	0.09	<10	<10	192	<10	97				
KZ05R3005D		12	78	0.09	<10	<10	190	<10	95				
KZ05R3006		5	214	0.15	<10	<10	94	<10	96				
KZ05R3007		1	13	<0.01	<10	<10	15	<10	34				
KZ05R3008		9	108	0.26	<10	<10	122	<10	78				
KZ05R3009		3	125	0.07	<10	<10	45	<10	157				
KZ05R3010		3	104	<0.01	<10	<10	28	<10	87				
KZ05R3011		1	14	<0.01	<10	<10	4	<10	16				
KZ05R3012		1	181	0.04	<10	<10	9	<10	28				
KZ05R3013		3	13	0.11	<10	<10	15	<10	20				
KZ05R3014		2	154	0.09	<10	<10	50	<10	40				
KZ05R3015		2	701	0.05	<10	<10	24	<10	27				
KZ05R3016		5	293	<0.01	<10	<10	43	<10	102				
KZ05R3017		14	796	<0.01	<10	<10	40	<10	67				
KZ05R3018		1	866	<0.01	<10	<10	5	<10	24				
KZ05R3019		3	523	<0.01	<10	<10	11	<10	50				
KZ05R3020		5	128	<0.01	10	<10	60	<10	38				
KZ05R3021		5	90	<0.01	<10	<10	56	<10	36				
KZ05R3022		3	71	<0.01	<10	<10	30	<10	726				
KZ05R3023		4	43	<0.01	<10	<10	47	<10	115				
KZ05R3024		3	341	0.19	<10	<10	50	<10	32				
KZ05R3025		5	325	0.15	<10	<10	76	<10	48				
KZ05R3026		<1	6	<0.01	<10	<10	1	<10	21				
KZ05R3027		2	57	0.14	<10	<10	36	<10	48				
KZ05R3028		3	56	0.25	<10	<10	68	<10	31				
KZ05R3029		1	81	<0.01	10	<10	8	20	>10000	569	2.00	13.00	
KZ05R3030		1	58	<0.01	<10	10	4	<10	749	>1500	2.27		3260
KZ05R3030D		1	54	<0.01	<10	10	3	<10	996	>1500	2.06		2910
KZ05R3031		1	36	<0.01	<10	<10	10	<10	899	285			
KZ05R3032		3	28	<0.01	10	<10	66	<10	419				
KZ05R3033		5	91	0.34	10	<10	148	<10	116				
KZ05R3034		1	40	<0.01	<10	<10	21	<10	169				
KZ05R3035		1	371	0.01	<10	<10	3	<10	37				
KZ05R3036		20	87	<0.01	<10	<10	35	<10	77				
KZ05R3037		6	1175	<0.01	<10	<10	65	<10	334				
KZ05R3038		13	396	<0.01	<10	<10	151	<10	66				
KZ05R3039		10	346	<0.01	<10	<10	22	<10	43				
KZ05R3040		7	284	<0.01	10	<10	57	<10	5860				
KZ05R3041		15	233	<0.01	<10	<10	105	<10	120				

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

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
KZ05R3042		0.78	0.007			6.0	0.22	875	<10	30	<0.5	10	0.10	<0.5	1	37
KZ05R3043		0.90	0.004			5.7	0.56	34	<10	20	<0.5	5	0.07	0.6	1	10
KZ05R3044		0.94	0.002			19.8	1.03	36	<10	30	<0.5	<2	0.04	4.4	2	13
KZ05R3045		0.58	<0.001			1.0	0.41	15	<10	60	0.5	2	0.58	<0.5	1	5
KZ05R3046		0.42	<0.001			1.2	0.37	20	<10	70	0.6	<2	0.74	<0.5	1	18
KZ05R3047		0.74	<0.001			0.5	0.44	9	<10	50	<0.5	<2	0.03	<0.5	1	3
KZ05R3048		0.58	<0.001			0.4	0.60	14	<10	70	0.7	<2	0.04	<0.5	3	10
KZ05R3049		0.48	<0.001			0.7	1.96	38	<10	40	0.6	<2	0.49	<0.5	15	71
KZ05R3050		0.08	1.890			21.0	0.19	7	<10	30	<0.5	<2	0.26	<0.5	2	4

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Project: K12MET-2052

CERTIFICATE OF ANALYSIS VA05053952

Sample Description	Method Analyte Units LOR	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10	Hg-CV41 Hg ppm 0.01	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2
KZ05R3042		70	0.63	<10	0.17	0.12	<10	0.02	104	374	<0.01	1	50	875	0.05	8
KZ05R3043		584	1.42	<10	0.16	0.12	10	0.07	970	244	<0.01	3	60	2360	<0.01	2
KZ05R3044		7520	3.34	<10	0.46	0.15	30	0.17	1400	21	0.01	<1	150	>10000	0.02	6
KZ05R3045		19	1.88	<10	0.01	0.17	30	0.05	418	3	0.04	2	380	51	<0.01	<2
KZ05R3046		77	1.82	<10	0.01	0.19	30	0.02	480	3	0.03	<1	400	146	<0.01	<2
KZ05R3047		5	0.96	<10	<0.01	0.20	30	0.07	411	6	0.03	1	180	14	<0.01	<2
KZ05R3048		11	2.13	<10	0.01	0.13	20	0.09	712	5	0.03	1	430	47	<0.01	<2
KZ05R3049		54	4.30	10	0.04	0.14	10	0.86	816	<1	0.05	36	1120	8	0.11	<2
KZ05R3050		6	3.23	<10	0.03	0.01	<10	0.05	117	<1	0.10	6	660	138	3.10	<2

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-JUL-2005
Account: ATC

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	Tl	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
KZ05R3042		1	5	<0.01	<10	<10	2	<10	86				
KZ05R3043		1	3	<0.01	<10	20	4	<10	167				
KZ05R3044		2	4	<0.01	<10	160	4	<10	927		1.49		
KZ05R3045		2	22	<0.01	<10	<10	7	<10	53				
KZ05R3046		2	26	<0.01	<10	<10	6	<10	68				
KZ05R3047		<1	4	<0.01	<10	<10	3	<10	24				
KZ05R3048		2	5	<0.01	<10	<10	5	<10	73				
KZ05R3049		9	25	0.17	<10	<10	154	<10	48				
KZ05R3050		<1	6	<0.01	<10	<10	1	<10	25				

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

**: BARRICK GOLD CORPORATION
PO BOX 11120
700-1055 W GEORGIA ST
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

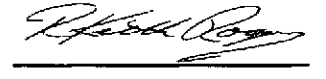
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

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: 

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 21-JUL-2005
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
KZ05R0058		0.68	<0.001	<0.2	2.61	33	<10	220	0.5	<2	2.38	<0.5	19	39	35	4.58
KZ05R0059		0.68	0.001	<0.2	2.21	9	<10	70	<0.5	<2	3.94	<0.5	27	88	127	5.28
CLEAN ROCK1		<0.02	<0.001	<0.2	1.70	2	<10	390	<0.5	2	0.56	<0.5	12	29	11	3.45
KZ05R0060		0.64	<0.001	<0.2	1.20	5	<10	90	<0.5	<2	7.70	<0.5	27	53	69	6.12
KZ05R0061		0.62	<0.001	<0.2	1.54	4	<10	160	0.6	<2	2.78	<0.5	7	7	7	2.74
KZ05R0062		0.66	<0.001	<0.2	1.95	3	10	30	0.7	<2	10.20	<0.5	26	302	110	3.68
KZ05R0063		0.44	<0.001	0.3	1.70	49	20	10	0.5	<2	6.59	<0.5	15	59	76	2.55
KZ05R0064		0.40	<0.001	0.4	2.49	94	<10	20	0.8	<2	9.28	<0.5	27	167	32	3.45
KZ05R0066		0.56	<0.001	<0.2	0.55	<2	<10	50	<0.5	<2	0.30	<0.5	1	30	4	1.91
KZ05R0067		0.66	0.004	<0.2	0.16	<2	<10	30	<0.5	<2	0.08	<0.5	<1	72	3	0.57
KZ05R0068		0.60	0.001	<0.2	0.40	6	10	50	0.6	<2	0.26	<0.5	1	43	4	1.79
KZ05R0069		0.60	0.001	0.5	0.38	5	<10	60	<0.5	8	0.06	<0.5	2	69	3	0.88
KZ05R0070		0.54	<0.001	<0.2	0.75	2	<10	60	<0.5	<2	0.04	<0.5	1	50	3	1.72
CLEAN ROCK2		<0.02	0.015	0.3	2.03	3	<10	150	<0.5	<2	1.48	<0.5	9	85	37	2.34
KZ05R0071		0.68	<0.001	<0.2	0.81	<2	<10	70	<0.5	<2	0.05	<0.5	1	41	4	1.80
KZ05R0072		0.58	<0.001	0.2	0.65	<2	<10	40	<0.5	2	0.26	<0.5	1	56	5	1.89
KZ05R0073		0.62	0.001	<0.2	0.51	3	<10	50	<0.5	<2	0.20	<0.5	1	42	4	1.85
KZ05R0074		0.70	0.004	<0.2	2.73	2	<10	70	0.5	<2	1.52	<0.5	16	21	4	2.43
KZ05R0075		0.08	0.978	11.0	0.23	4	10	30	<0.5	<2	0.25	<0.5	1	5	9	2.79
KZ05R0076		0.18	0.004	<0.2	1.14	<2	<10	230	<0.5	<2	0.58	<0.5	4	53	3	2.35
KZ05R0077		0.52	0.002	<0.2	3.15	8	<10	50	0.7	<2	1.34	<0.5	15	16	7	2.19
KZ05R0078		0.36	0.001	<0.2	5.68	3	<10	100	0.6	<2	2.79	<0.5	12	16	57	6.64
KZ05R0079		0.54	<0.001	<0.2	3.22	7	<10	40	0.5	<2	1.58	<0.5	5	18	21	3.18
KZ05R0080 A		0.62	<0.001	<0.2	4.10	<2	<10	60	1.0	<2	8.67	<0.5	7	5	7	3.83
CLEAN ROCK3		<0.02	<0.001	<0.2	1.61	14	<10	70	<0.5	<2	0.61	<0.5	14	84	41	3.17
KZ05R0080 B		<0.02	<0.001	<0.2	4.04	<2	<10	60	0.9	<2	8.86	<0.5	7	4	6	3.95
KZ05R0081		1.12	0.003	3.5	1.50	40	<10	10	<0.5	<2	1.04	0.7	13	29	93	8.31
KZ05R0082		0.62	<0.001	0.4	0.47	223	<10	80	<0.5	<2	0.35	<0.5	20	14	4	3.13
KZ05R0083		0.54	<0.001	<0.2	0.30	3	<10	20	<0.5	<2	0.02	<0.5	<1	29	2	0.52
KZ05R0084		0.72	<0.001	<0.2	0.38	13	<10	20	<0.5	<2	0.01	<0.5	<1	34	15	1.42
KZ05R0085		0.70	0.002	0.7	0.23	63	<10	30	<0.5	<2	0.01	<0.5	<1	32	7	0.99
KZ05R0086		0.58	<0.001	<0.2	0.64	21	<10	190	0.7	<2	0.75	<0.5	3	15	5	2.20

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

D: BARRICK GOLD CORPORATION
PO BOX 11120
700-1055 W GEORGIA ST
VANCOUVER BC V6E 3P3

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
KZ05R0058		10	0.01	0.22	20	1.84	770	2	0.34	24	1160	3	0.03	<2	13	451
KZ05R0059		10	0.02	0.08	<10	2.38	1040	<1	0.12	37	1180	<2	0.10	<2	14	184
CLEAN ROCK1		<10	<0.01	0.15	<10	0.97	515	<1	0.10	9	710	<2	0.21	<2	7	36
KZ05R0060		<10	0.06	0.17	<10	1.13	1435	<1	0.06	54	1330	2	0.01	<2	22	424
KZ05R0061		<10	0.04	0.24	20	0.52	1240	<1	0.03	1	1130	5	0.01	<2	3	92
KZ05R0062		10	0.04	0.20	10	1.32	1310	<1	0.05	173	1420	10	0.32	<2	22	344
KZ05R0063		<10	<0.01	0.02	<10	0.73	737	<1	0.04	33	1640	22	0.01	5	3	190
KZ05R0064		10	<0.01	0.03	<10	1.91	898	<1	0.02	108	2390	16	0.20	13	9	293
KZ05R0066		<10	0.01	0.09	20	0.16	543	2	0.08	1	350	14	0.01	<2	3	10
KZ05R0067		<10	0.01	0.12	10	0.02	44	2	0.01	3	70	2	<0.01	<2	<1	3
KZ05R0068		<10	<0.01	0.11	20	0.11	474	2	0.10	1	270	11	0.01	2	2	10
KZ05R0069		<10	0.01	0.26	20	0.03	114	104	<0.01	1	170	56	<0.01	<2	1	3
KZ05R0070		<10	<0.01	0.15	20	0.12	419	4	0.04	1	230	7	<0.01	<2	2	3
CLEAN ROCK2		10	<0.01	0.23	<10	0.62	445	1	0.21	30	910	11	0.01	<2	3	61
KZ05R0071		<10	<0.01	0.15	20	0.13	481	3	0.04	1	250	6	<0.01	<2	2	3
KZ05R0072		<10	0.01	0.10	20	0.16	659	5	0.06	2	210	11	<0.01	<2	1	7
KZ05R0073		<10	<0.01	0.10	20	0.15	461	5	0.08	2	330	18	<0.01	<2	2	7
KZ05R0074		10	<0.01	0.06	10	0.85	517	<1	0.27	11	1140	3	<0.01	<2	5	251
KZ05R0075		<10	0.03	0.01	<10	0.05	37	1	0.12	3	610	116	2.74	<2	<1	5
KZ05R0076		10	<0.01	0.53	10	0.64	561	<1	0.09	5	810	5	0.01	<2	2	66
KZ05R0077		10	<0.01	0.15	10	0.62	609	1	0.40	7	720	4	0.01	<2	3	347
KZ05R0078		20	<0.01	0.06	10	1.44	717	<1	0.58	6	1250	8	2.62	<2	5	634
KZ05R0079		10	<0.01	0.08	10	0.62	671	<1	0.36	1	1040	6	0.11	<2	4	337
KZ05R0080 A		10	<0.01	0.04	10	4.31	1795	<1	0.09	<1	760	11	0.02	<2	5	685
CLEAN ROCK3		10	0.01	0.08	10	0.90	377	1	0.06	36	530	2	0.12	2	7	21
KZ05R0080 B		10	<0.01	0.04	10	4.34	1865	<1	0.09	<1	770	11	0.01	<2	5	665
KZ05R0081		10	0.01	0.09	<10	0.14	462	37	0.03	3	380	3940	6.14	3	1	196
KZ05R0082		<10	0.21	0.19	10	0.05	45	109	0.05	19	210	259	3.18	10	1	55
KZ05R0083		<10	<0.01	0.19	10	0.01	78	2	0.04	1	30	37	0.05	<2	<1	6
KZ05R0084		<10	<0.01	0.14	10	0.02	89	2	0.06	1	20	6	0.13	<2	1	3
KZ05R0085		<10	<0.01	0.15	10	0.01	25	9	0.05	1	20	118	0.04	<2	<1	4
KZ05R0086		<10	2.23	0.13	20	0.06	1055	2	0.04	<1	650	20	0.03	<2	1	61

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

: BARRICK GOLD CORPORATION
PO BOX 11120
700-1055 W GEORGIA ST
VANCOUVER BC V6E 3P3

Finalized Date: 21-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05055640

Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Pb-AA46 Pb % 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	
KZ05R0058		0.14	<10	<10	148	<10	66	
KZ05R0059		0.21	<10	<10	202	<10	64	
CLEAN ROCK1		0.22	<10	<10	77	<10	48	
KZ05R0060		<0.01	<10	<10	117	<10	85	
KZ05R0061		<0.01	<10	<10	30	<10	79	
KZ05R0062		<0.01	<10	<10	145	<10	55	
KZ05R0063		0.41	<10	<10	89	<10	135	
KZ05R0064		0.22	<10	<10	118	<10	37	
KZ05R0066		0.09	<10	<10	9	<10	65	
KZ05R0067		<0.01	<10	<10	3	<10	4	
KZ05R0068		0.10	<10	<10	6	<10	40	
KZ05R0069		<0.01	<10	<10	4	<10	28	
KZ05R0070		<0.01	<10	<10	4	<10	49	
CLEAN ROCK2		0.33	<10	<10	55	<10	61	
KZ05R0071		<0.01	<10	<10	4	<10	55	
KZ05R0072		<0.01	<10	<10	6	<10	98	
KZ05R0073		0.09	<10	<10	9	<10	58	
KZ05R0074		0.20	<10	<10	72	<10	67	
KZ05R0075		<0.01	<10	<10	1	<10	19	
KZ05R0076		0.15	<10	<10	40	<10	49	
KZ05R0077		0.08	<10	<10	44	<10	59	
KZ05R0078		0.14	<10	10	98	<10	31	
KZ05R0079		0.14	<10	<10	65	<10	53	
KZ05R0080 A		0.07	<10	<10	55	<10	91	
CLEAN ROCK3		0.16	<10	<10	67	<10	44	
KZ05R0080 B		0.07	<10	<10	55	<10	94	
KZ05R0081		0.09	<10	<10	21	<10	208	
KZ05R0082		0.10	<10	<10	7	<10	24	
KZ05R0083		<0.01	<10	10	1	<10	13	
KZ05R0084		<0.01	<10	<10	1	<10	4	
KZ05R0085		<0.01	<10	<10	1	<10	18	
KZ05R0086		0.01	<10	<10	21	<10	77	

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

): BARRICK GOLD CORPORATION
PO BOX 11120
700-1055 W GEORGIA ST
VANCOUVER BC V6E 3P3

Finalized Date: 21-JUL-2005
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
KZ05R0088		0.58	<0.001	<0.2	0.56	15	<10	490	<0.5	<2	0.14	<0.5	11	9	13	0.50
KZ05R0089		0.68	<0.001	<0.2	0.73	5	<10	170	0.6	<2	1.82	<0.5	3	9	15	2.23
KZ05R0090		0.74	<0.001	<0.2	0.87	2	10	260	0.6	<2	0.55	<0.5	2	8	5	1.70
CLEAN ROCK4		<0.02	<0.001	<0.2	1.59	14	<10	130	<0.5	<2	0.68	<0.5	8	30	16	3.08
KZ05R0091		0.46	<0.001	<0.2	0.62	11	10	270	0.9	<2	2.23	<0.5	3	6	2	2.03
KZ05R0092		0.56	<0.001	<0.2	0.94	3	10	640	0.6	<2	0.72	<0.5	2	14	2	2.35
KZ05R0093		0.76	0.002	<0.2	2.39	4	<10	200	1.2	<2	2.00	<0.5	14	16	203	4.21
KZ05R0094		0.48	0.003	<0.2	2.44	4	<10	110	1.2	<2	1.88	<0.5	13	17	188	4.00
KZ05R0095		0.56	0.002	<0.2	1.63	2	<10	1610	0.8	<2	7.44	<0.5	13	14	162	3.28
KZ05R0096		0.48	0.002	<0.2	1.71	<2	<10	630	0.7	<2	5.71	<0.5	14	13	164	3.39
KZ05R0097		0.78	<0.001	<0.2	1.22	3	<10	590	0.6	<2	3.23	<0.5	6	8	14	2.60
KZ05R0098		0.56	<0.001	<0.2	1.32	5	<10	390	0.6	<2	2.64	<0.5	6	11	13	2.73
KZ05R0099		0.86	<0.001	<0.2	1.66	20	<10	160	0.6	<2	4.55	<0.5	8	19	47	3.62
KZ05R0100		0.08	1.335	<0.2	0.25	3	<10	20	<0.5	<2	0.17	<0.5	<1	2	3	0.44
CLEAN ROCK5		<0.02	<0.001	<0.2	2.13	4	<10	150	<0.5	<2	1.07	<0.5	9	43	35	2.91
KZ05R1051		0.12	<0.001	<0.2	1.08	<2	<10	230	<0.5	<2	0.66	<0.5	4	62	4	2.57
KZ05R1052		0.62	<0.001	<0.2	0.66	<2	<10	80	<0.5	2	0.26	<0.5	2	32	5	2.10
KZ05R1053		0.64	<0.001	<0.2	0.29	<2	<10	70	<0.5	<2	0.04	<0.5	<1	34	1	0.98
KZ05R1054		0.86	<0.001	<0.2	0.53	2	<10	100	<0.5	<2	2.15	<0.5	7	15	10	3.16
KZ05R1055 A		0.52	<0.001	0.2	0.61	35	<10	490	<0.5	<2	0.04	<0.5	1	10	3	2.05
KZ05R1055 B		<0.02	<0.001	0.2	0.93	44	<10	490	<0.5	<2	0.05	<0.5	2	10	3	2.16
KZ05R1056		0.76	<0.001	<0.2	0.62	97	<10	1610	<0.5	<2	0.01	<0.5	2	10	2	1.51
KZ05R1057		0.58	0.002	<0.2	0.62	11	10	190	0.7	<2	4.29	<0.5	11	16	18	4.30
KZ05R1058		0.66	<0.001	<0.2	0.46	2	10	180	0.6	<2	0.28	0.7	<1	12	2	0.61
KZ05R1059		0.60	0.001	<0.2	1.06	11	<10	150	0.8	<2	2.28	<0.5	17	14	20	6.22
CLEAN ROCK6		<0.02	0.001	<0.2	1.82	2	<10	40	<0.5	<2	1.74	<0.5	7	38	17	1.58
KZ05R1060		0.66	0.001	<0.2	2.53	9	10	70	0.7	<2	2.67	<0.5	12	12	190	3.68
KZ05R1061		0.72	0.105	0.4	0.21	77	<10	630	<0.5	<2	3.97	<0.5	2	48	28	1.65
KZ05R1062		0.76	0.005	<0.2	1.05	5	<10	370	<0.5	<2	3.76	<0.5	5	8	11	2.80
KZ05R1063		0.86	<0.001	<0.2	1.54	4	<10	230	<0.5	<2	1.59	<0.5	7	26	23	3.20
KZ05R1064		0.68	<0.001	<0.2	0.63	3	<10	190	0.6	<2	3.20	<0.5	3	16	13	1.94
KZ05R1065		0.78	0.003	0.5	0.64	2	<10	1580	<0.5	<2	0.87	<0.5	4	26	367	1.43
KZ05R1066		0.62	0.001	<0.2	0.81	2	<10	230	<0.5	<2	2.50	<0.5	9	33	120	2.70
KZ05R1067		0.74	0.002	0.2	3.49	3	<10	40	<0.5	<2	3.68	<0.5	36	169	347	6.25
KZ05R1068		0.60	<0.001	<0.2	3.31	10	<10	260	<0.5	<2	4.25	<0.5	30	83	100	6.45
KZ05R1069		0.68	0.002	<0.2	1.64	8	<10	10	<0.5	<2	9.89	<0.5	28	218	105	4.37
CLEAN ROCK7		<0.02	<0.001	0.2	1.14	4	<10	110	<0.5	<2	0.70	<0.5	5	43	31	1.98
KZ05R1070		0.52	0.005	<0.2	1.74	3	<10	90	<0.5	<2	2.65	<0.5	16	24	145	3.37
KZ05R1071		0.62	0.003	<0.2	2.44	5	<10	120	<0.5	<2	2.65	<0.5	20	33	115	4.30
KZ05R1072		1.34	0.001	<0.2	2.85	3	<10	100	<0.5	<2	1.74	<0.5	27	241	108	3.71

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

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
KZ05R0088		<10	0.20	0.08	10	0.01	55	2	0.04	6	110	31	0.02	<2	4	96
KZ05R0089		<10	0.37	0.12	10	0.06	954	2	0.02	1	440	14	0.02	5	2	87
KZ05R0090		<10	0.63	0.14	10	0.03	455	3	0.01	<1	200	14	0.01	<2	1	94
CLEAN ROCK4		10	0.01	0.16	10	0.85	484	<1	0.14	17	830	4	0.05	<2	6	51
KZ05R0091		<10	0.16	0.17	20	0.13	1060	3	0.03	<1	500	15	0.03	<2	2	162
KZ05R0092		<10	0.14	0.18	20	0.11	849	1	0.03	2	650	7	0.01	<2	2	83
KZ05R0093		10	0.01	0.13	10	1.57	787	1	0.14	15	2210	4	0.01	<2	7	88
KZ05R0094		10	0.01	0.12	10	1.15	565	<1	0.30	14	2370	6	0.01	<2	3	180
KZ05R0095		10	0.03	0.14	10	1.30	893	<1	0.07	16	1960	3	0.05	<2	5	155
KZ05R0096		10	0.02	0.13	10	1.39	847	<1	0.05	15	2080	3	0.02	<2	5	133
KZ05R0097		<10	0.01	0.22	20	0.34	746	1	0.05	1	920	21	0.03	<2	4	496
KZ05R0098		10	<0.01	0.19	30	0.71	676	1	0.05	1	930	16	0.01	<2	3	210
KZ05R0099		10	<0.01	0.18	10	0.85	837	1	0.05	14	940	23	0.45	<2	6	170
KZ05R0100		<10	0.01	0.02	<10	0.08	39	<1	0.10	1	380	2	0.01	<2	1	6
CLEAN ROCK5		10	<0.01	0.31	<10	0.77	458	<1	0.22	16	640	4	0.28	<2	5	88
KZ05R1051		<10	<0.01	0.47	10	0.60	578	<1	0.08	5	800	3	0.01	<2	2	66
KZ05R1052		<10	<0.01	0.11	20	0.23	631	2	0.06	1	350	11	0.01	<2	3	10
KZ05R1053		<10	<0.01	0.17	20	0.01	268	2	0.04	1	120	11	<0.01	<2	<1	4
KZ05R1054		<10	0.03	0.11	20	0.53	1030	2	0.06	3	1190	7	<0.01	<2	4	169
KZ05R1055 A		<10	0.12	0.10	10	0.01	316	5	0.01	1	540	18	0.04	<2	1	12
KZ05R1055 B		<10	0.12	0.13	10	0.01	341	5	0.02	<1	540	20	0.04	<2	1	16
KZ05R1056		<10	0.05	0.16	10	0.01	200	1	0.02	3	180	5	0.08	<2	2	57
KZ05R1057		<10	0.06	0.13	20	0.88	1230	1	0.07	7	1120	4	0.21	<2	11	99
KZ05R1058		<10	0.05	0.19	20	0.03	169	2	0.01	2	30	7	0.03	<2	<1	31
KZ05R1059		<10	0.15	0.07	10	1.04	1095	<1	0.06	7	1140	4	0.06	4	15	162
CLEAN ROCK6		<10	0.01	0.11	<10	0.48	241	1	0.05	28	470	2	0.13	<2	4	41
KZ05R1060		10	0.02	0.25	10	1.71	827	1	0.06	15	2000	3	<0.01	<2	4	66
KZ05R1061		<10	0.10	0.06	<10	0.05	689	6	0.01	5	180	11	0.08	<2	1	279
KZ05R1062		<10	0.04	0.23	10	0.70	774	1	0.05	3	830	27	0.29	<2	6	218
KZ05R1063		10	0.01	0.10	20	0.89	687	1	0.07	10	840	15	0.07	<2	5	69
KZ05R1064		<10	0.02	0.20	20	0.08	464	1	0.02	2	710	7	<0.01	<2	2	99
KZ05R1065		<10	0.01	0.19	10	0.21	172	1	0.04	3	500	2	0.15	<2	1	201
KZ05R1066		<10	0.03	0.18	10	0.27	546	1	0.07	5	670	2	0.01	<2	3	88
KZ05R1067		10	0.03	0.11	10	3.61	1715	<1	0.03	44	1020	2	1.42	<2	23	144
KZ05R1068		10	0.02	0.07	<10	3.45	1085	<1	0.04	30	1480	28	0.14	<2	15	158
KZ05R1069		<10	0.04	<0.01	<10	6.51	1435	<1	0.01	238	40	6	0.05	<2	11	646
CLEAN ROCK7		<10	0.01	0.15	10	0.48	258	1	0.08	14	370	4	0.02	<2	3	102
KZ05R1070		<10	0.07	0.28	<10	1.56	770	<1	0.04	19	1080	<2	0.05	<2	11	124
KZ05R1071		10	0.04	0.46	<10	1.99	830	1	0.06	21	1210	<2	0.04	<2	14	129
KZ05R1072		<10	0.01	0.37	<10	3.32	598	<1	0.03	99	440	<2	0.02	<2	9	67

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 21-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05055640

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Pb-AA46 Pb % 0.01
KZ05R0088		<0.01	<10	<10	14	<10	16	
KZ05R0089		<0.01	<10	<10	16	<10	66	
KZ05R0090		<0.01	<10	<10	13	<10	39	
CLEAN ROCK4		0.13	<10	<10	72	<10	53	
KZ05R0091		<0.01	<10	10	13	<10	66	
KZ05R0092		0.03	<10	<10	24	<10	51	
KZ05R0093		0.10	<10	<10	167	<10	58	
KZ05R0094		0.36	<10	<10	227	<10	51	
KZ05R0095		0.01	<10	<10	142	<10	55	
KZ05R0096		0.01	<10	<10	137	<10	53	
KZ05R0097		<0.01	<10	<10	25	<10	61	
KZ05R0098		0.01	<10	<10	35	<10	70	
KZ05R0099		<0.01	<10	<10	53	<10	87	
KZ05R0100		<0.01	<10	<10	1	<10	4	
CLEAN ROCK5		0.11	<10	<10	58	<10	74	
KZ05R1051		0.15	<10	<10	39	<10	48	
KZ05R1052		0.06	<10	<10	12	<10	65	
KZ05R1053		<0.01	<10	<10	2	<10	19	
KZ05R1054		0.01	<10	<10	53	<10	87	
KZ05R1055 A		<0.01	<10	<10	11	<10	59	
KZ05R1055 B		<0.01	<10	<10	12	<10	62	
KZ05R1056		<0.01	<10	<10	8	<10	29	
KZ05R1057		0.01	<10	<10	116	<10	90	
KZ05R1058		<0.01	<10	<10	1	<10	81	
KZ05R1059		<0.01	<10	<10	144	<10	95	
CLEAN ROCK6		0.11	<10	<10	41	<10	21	
KZ05R1060		0.22	<10	<10	116	<10	55	
KZ05R1061		<0.01	<10	<10	19	<10	9	
KZ05R1062		<0.01	<10	<10	21	<10	61	
KZ05R1063		0.01	<10	<10	66	<10	70	
KZ05R1064		<0.01	<10	<10	23	<10	52	
KZ05R1065		<0.01	<10	<10	10	<10	30	
KZ05R1066		0.01	<10	<10	34	<10	26	
KZ05R1067		0.01	<10	<10	177	<10	109	
KZ05R1068		0.15	<10	<10	215	<10	132	
KZ05R1069		<0.01	<10	<10	108	<10	43	
CLEAN ROCK7		0.10	<10	<10	36	<10	34	
KZ05R1070		0.15	<10	<10	99	<10	43	
KZ05R1071		0.19	<10	<10	129	<10	57	
KZ05R1072		0.18	<10	<10	74	<10	40	

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 21-JUL-2005
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
KZ05R1073		1.06	<0.001	<0.2	2.50	13	<10	120	0.5	<2	0.67	<0.5	5	46	11	8.23
KZ05R1074		0.92	0.007	<0.2	1.02	12	<10	1100	<0.5	<2	0.08	<0.5	4	30	11	2.35
KZ05R1075		0.06	0.997	10.9	0.20	3	10	30	<0.5	<2	0.24	<0.5	1	4	8	2.82
KZ05R2051		0.14	0.004	<0.2	1.12	<2	<10	220	<0.5	<2	0.60	<0.5	4	75	3	2.35
KZ05R2052		0.72	0.001	<0.2	0.57	45	<10	70	<0.5	<2	10.10	<0.5	4	21	7	1.79
KZ05R2053		0.64	0.002	<0.2	0.04	24	<10	20	<0.5	<2	>25.0	<0.5	1	2	1	0.10
KZ05R2054		1.20	0.011	0.7	1.08	18	<10	530	<0.5	<2	3.37	<0.5	7	9	79	3.26
CLEAN ROCK8		<0.02	0.012	0.2	1.42	6	<10	70	<0.5	<2	0.90	<0.5	6	37	16	2.28
KZ05R2055 A		0.86	<0.001	<0.2	0.58	2	10	230	0.6	<2	1.52	<0.5	8	30	29	2.33
KZ05R2055 B		<0.02	<0.001	<0.2	0.46	<2	<10	210	0.5	<2	1.44	<0.5	8	25	27	2.22
KZ05R2056		0.48	<0.001	<0.2	0.86	5	<10	140	0.5	<2	0.45	<0.5	6	13	6	2.67
KZ05R2057		0.50	<0.001	<0.2	0.51	3	<10	150	<0.5	<2	1.86	<0.5	5	7	1	3.38
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
KZ05R2069		0.78	0.177	2.0	0.61	18	10	80	<0.5	<2	0.02	<0.5	2	3	2	1.89
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
KZ05R2073		0.86	<0.001	<0.2	0.74	87	<10	280	<0.5	<2	0.03	0.8	1	5	2	2.23
CLEAN ROCK10		<0.02	<0.001	<0.2	1.62	3	<10	150	<0.5	<2	0.81	<0.5	13	57	19	4.73
KZ05R2074		0.64	<0.001	<0.2	0.81	12	<10	150	<0.5	<2	0.05	<0.5	1	4	1	0.87
KZ05R2075		0.08	1.235	<0.2	0.24	<2	<10	20	<0.5	<2	0.16	<0.5	<1	2	3	0.42
KZ05R2076		0.18	0.002	<0.2	1.27	3	<10	240	<0.5	<2	0.70	<0.5	3	10	3	2.72
KZ05R2077		0.70	0.001	<0.2	1.37	<2	10	290	0.5	<2	1.98	<0.5	5	26	19	1.62
KZ05R2078		0.78	0.003	<0.2	2.27	7	<10	160	<0.5	<2	0.93	<0.5	18	45	49	4.46
KZ05R2079		0.58	<0.001	<0.2	1.16	9	<10	160	<0.5	<2	0.67	0.7	<1	2	2	0.42
KZ05R2080 A		0.26	0.008	0.6	1.38	52	10	30	0.5	5	2.15	0.6	17	212	190	5.02
KZ05R2080 B		<0.02	0.005	0.6	1.54	49	10	30	0.5	4	2.04	0.6	15	213	184	5.16
KZ05R2081		0.84	0.005	0.8	0.31	30	<10	50	0.6	<2	20.1	<0.5	2	17	10	5.69
KZ05R2082		0.62	0.003	0.4	1.12	14	<10	80	<0.5	<2	3.25	0.6	4	3	8	2.52

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

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
KZ05R1073		10	0.03	0.19	10	0.58	1660	<1	0.04	13	530	9	<0.01	<2	11	53
KZ05R1074		<10	0.08	0.10	<10	0.28	171	3	0.01	10	180	4	0.03	<2	4	20
KZ05R1075		<10	0.07	0.01	<10	0.05	34	1	0.11	4	580	113	2.62	<2	<1	5
KZ05R2051		<10	<0.01	0.52	10	0.59	533	1	0.09	6	700	2	<0.01	<2	2	72
KZ05R2052		<10	0.04	0.15	10	0.42	1430	<1	0.02	20	440	5	0.34	4	3	323
KZ05R2053		<10	0.05	0.02	<10	0.14	367	<1	0.01	1	140	3	<0.01	<2	<1	337
KZ05R2054		<10	0.04	0.31	10	0.09	1095	4	0.01	4	1290	22	0.29	<2	5	70
CLEAN ROCK8		<10	0.01	0.13	<10	0.60	322	1	0.10	10	510	2	0.14	<2	5	33
KZ05R2055 A		<10	0.72	0.12	10	0.18	592	1	0.08	13	920	3	0.11	<2	8	80
KZ05R2055 B		<10	0.68	0.10	10	0.18	568	<1	0.06	13	910	3	0.11	<2	8	74
KZ05R2056		<10	0.03	0.08	10	0.06	726	1	0.02	81	400	8	<0.01	<2	4	63
KZ05R2057		<10	0.01	0.13	30	0.06	1010	1	0.04	41	1000	14	<0.01	<2	3	94
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
KZ05R2069		<10	0.30	0.40	<10	0.04	30	2	0.01	3	20	49	1.72	5	1	15
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
KZ05R2073		<10	0.57	0.25	<10	0.04	63	11	0.05	17	80	26	0.07	<2	2	32
CLEAN ROCK10		10	0.01	0.20	10	0.76	384	1	0.15	32	430	2	0.07	<2	5	45
KZ05R2074		<10	<0.01	0.17	<10	0.07	55	2	0.06	7	20	10	0.05	<2	1	18
KZ05R2075		<10	0.02	0.02	<10	0.07	37	<1	0.10	2	360	3	<0.01	<2	1	6
KZ05R2076		<10	0.01	0.57	10	0.63	591	<1	0.13	5	760	3	<0.01	<2	3	85
KZ05R2077		10	0.01	0.27	10	0.84	296	<1	0.08	11	590	21	0.01	<2	3	87
KZ05R2078		10	0.03	0.14	10	1.50	756	<1	0.11	18	930	14	<0.01	<2	8	35
KZ05R2079		<10	0.41	0.23	<10	0.30	267	1	0.04	7	20	20	<0.01	<2	2	28
KZ05R2080 A		<10	1.40	0.15	<10	0.67	854	35	0.02	297	1100	22	4.79	12	19	65
KZ05R2080 B		<10	1.43	0.20	<10	0.62	802	35	0.02	285	1130	21	4.75	13	18	67
KZ05R2081		<10	0.52	0.03	10	6.31	2390	1	0.02	28	110	6	0.9	7	10	1040
KZ05R2082		<10	0.01	0.36	20	0.31	845	1	0.03	2	750	31	0.19	<2	3	84

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

: BARRICK GOLD CORPORATION
PO BOX 11120
700-1055 W GEORGIA ST
VANCOUVER BC V6E 3P3

Finalized Date: 21-JUL-2005
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
KZ05R1073		<0.01	<10	<10	95	<10	69	
KZ05R1074		<0.01	<10	<10	29	<10	39	
KZ05R1075		<0.01	<10	<10	1	<10	16	
KZ05R2051		0.14	<10	<10	37	<10	44	
KZ05R2052		<0.01	<10	<10	9	<10	22	
KZ05R2053		<0.01	<10	<10	1	<10	5	
KZ05R2054		<0.01	<10	<10	37	<10	46	
CLEAN ROCK8		0.14	<10	<10	51	<10	39	
KZ05R2055 A		<0.01	<10	<10	66	<10	37	
KZ05R2055 B		<0.01	<10	<10	65	<10	35	
KZ05R2056		<0.01	<10	<10	37	<10	49	
KZ05R2057		0.02	<10	<10	52	<10	128	
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	
KZ05R2069		<0.01	<10	<10	6	<10	4	
KZ05R2070		0.01	10	<10	68	<10	152	
KZ05R2071		<0.01	<10	<10	57	<10	60	
KZ05R2072		<0.01	<10	<10	21	<10	16	
KZ05R2073		0.01	<10	<10	23	<10	150	
CLEAN ROCK10		0.20	<10	<10	176	<10	47	
KZ05R2074		0.01	<10	<10	23	<10	6	
KZ05R2075		<0.01	<10	<10	1	<10	5	
KZ05R2076		0.16	<10	<10	41	<10	47	
KZ05R2077		0.13	<10	<10	27	<10	46	
KZ05R2078		0.01	<10	<10	129	<10	72	
KZ05R2079		<0.01	<10	<10	3	<10	23	
KZ05R2080 A		0.01	10	<10	88	<10	214	
KZ05R2080 B		0.01	10	<10	86	<10	212	
KZ05R2081		<0.01	<10	<10	59	<10	24	
KZ05R2082		<0.01	<10	<10	17	<10	162	

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

: BARRICK GOLD CORPORATION
PO BOX 11120
700-1055 W GEORGIA ST
VANCOUVER BC V6E 3P3

Finalized Date: 21-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05055640

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	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	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CLEAN ROCK11		<0.02	<0.001	<0.2	1.31	3	<10	210	<0.5	<2	0.76	<0.5	7	18	17	2.44
KZ05R2083		0.50	<0.001	<0.2	0.35	60	<10	410	<0.5	<2	0.06	<0.5	1	3	3	2.08
KZ05R2084		0.60	<0.001	<0.2	2.36	6	<10	50	<0.5	<2	1.32	<0.5	19	53	74	5.01
KZ05R2085		0.48	<0.001	0.5	0.27	30	<10	110	<0.5	<2	0.04	<0.5	<1	6	11	1.40
KZ05R2086		0.36	0.001	<0.2	0.25	26	<10	10	<0.5	<2	0.02	<0.5	<1	6	7	1.68
KZ05R2087		0.56	<0.001	<0.2	1.59	27	<10	60	<0.5	<2	1.46	<0.5	7	16	13	3.00
KZ05R2088		0.44	0.001	<0.2	0.34	43	<10	30	0.5	<2	0.08	<0.5	1	16	9	1.23
KZ05R2089		0.56	<0.001	<0.2	3.84	23	10	170	0.6	<2	1.54	<0.5	7	10	15	4.18
KZ05R2090		0.72	0.003	<0.2	2.54	10	10	100	0.6	<2	1.06	<0.5	15	52	36	6.14
KZ05R2091		1.10	0.002	<0.2	2.00	45	10	60	0.6	<2	0.78	<0.5	29	40	13	4.32
KZ05R2092		0.44	0.001	0.4	4.30	32	10	50	0.8	2	3.11	<0.5	20	24	14	10.55
CLEAN ROCK12		<0.02	<0.001	<0.2	0.42	5	<10	60	0.7	<2	0.41	<0.5	<1	5	2	0.88
KZ05R2093		0.46	<0.001	<0.2	2.17	4	<10	130	<0.5	<2	1.22	<0.5	11	31	28	3.15
KZ05R2094		0.34	<0.001	<0.2	1.70	12	<10	50	0.5	<2	0.96	<0.5	5	31	4	3.41
KZ05R2095		0.30	<0.001	<0.2	1.66	15	<10	60	0.5	2	1.10	<0.5	8	32	3	3.49
KZ05R2096		0.50	<0.001	<0.2	0.34	54	<10	40	<0.5	<2	0.01	<0.5	<1	6	8	1.63
KZ05R2097		0.78	<0.001	<0.2	1.08	734	<10	110	<0.5	<2	0.04	<0.5	1	2	2	2.03
KZ05R2098		0.58	<0.001	1.6	1.20	121	<10	280	0.7	<2	0.26	1.8	12	3	18	4.45
KZ05R2099		0.92	<0.001	2.0	0.95	505	<10	250	0.5	<2	0.12	2.4	1	2	3	1.88
KZ05R2100		0.06	0.936	12.0	0.21	4	10	30	<0.5	<2	0.27	<0.5	<1	5	8	3.25
KZ05R3051		0.16	0.003	<0.2	1.28	6	<10	240	<0.5	<2	0.71	<0.5	4	10	4	2.98
KZ05R3052		0.44	<0.001	<0.2	1.05	13	<10	30	<0.5	<2	0.11	<0.5	4	12	6	2.61
CLEAN ROCK13		<0.02	<0.001	<0.2	2.41	6	<10	70	<0.5	<2	1.72	<0.5	10	33	41	2.94
KZ05R3053		1.02	<0.001	<0.2	0.35	38	<10	20	<0.5	<2	0.02	<0.5	<1	6	7	1.62
KZ05R3054		0.56	<0.001	0.2	0.62	24	<10	30	<0.5	<2	0.01	<0.5	1	4	5	1.33
KZ05R3055 A		0.94	0.004	61.2	1.76	38	<10	40	0.5	15	0.20	9.5	9	22	1755	9.73
KZ05R3055 B		<0.02	0.003	35.6	1.68	30	<10	40	0.5	11	0.19	8.9	9	23	995	8.61
KZ05R3056		0.56	0.007	0.4	0.41	128	<10	40	<0.5	<2	0.01	<0.5	<1	4	13	1.50
KZ05R3057		0.82	<0.001	0.3	2.47	37	20	260	0.8	<2	1.02	<0.5	6	11	21	1.79
KZ05R3058		0.26	<0.001	0.8	5.46	62	<10	20	0.7	8	0.10	<0.5	5	80	90	17.9
KZ05R3059		0.62	0.006	0.3	0.55	212	<10	30	<0.5	<2	0.07	<0.5	4	78	54	2.67
KZ05R3060		0.52	<0.001	<0.2	1.15	2	<10	150	<0.5	<2	1.02	<0.5	4	28	10	2.94
KZ05R3061		1.08	<0.001	<0.2	0.51	3	<10	320	0.9	<2	17.6	<0.5	10	4	6	3.82
CLEAN ROCK14		<0.02	<0.001	<0.2	2.24	3	<10	100	<0.5	<2	1.34	<0.5	8	46	29	2.28
KZ05R3062		0.42	0.004	<0.2	1.30	<2	<10	130	<0.5	<2	2.41	<0.5	8	18	11	3.18
KZ05R3063		0.80	0.001	<0.2	0.55	18	<10	180	0.5	<2	0.17	<0.5	8	18	15	2.12
KZ05R3064		0.86	<0.001	<0.2	1.94	<2	<10	60	<0.5	<2	2.45	<0.5	22	9	46	8.91
KZ05R3065		0.48	<0.001	<0.2	0.43	6	<10	80	<0.5	<2	0.10	<0.5	2	40	9	1.46
KZ05R3066		0.60	0.006	<0.2	0.37	3	<10	110	<0.5	<2	0.61	<0.5	2	18	6	1.30
KZ05R3067		0.68	0.001	<0.2	0.35	2	<10	80	<0.5	<2	1.46	<0.5	3	19	6	1.19

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

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
CLEAN ROCK11		<10	0.03	0.15	<10	0.69	405	<1	0.08	15	550	2	0.04	<2	3	72
KZ05R2083		<10	<0.01	0.19	30	0.06	91	4	0.08	2	460	10	0.13	<2	1	15
KZ05R2084		10	0.05	0.07	10	1.62	712	1	0.14	25	1440	3	0.71	3	10	70
KZ05R2085		<10	<0.01	0.21	10	0.01	68	9	0.01	3	150	126	0.11	<2	<1	6
KZ05R2086		<10	0.01	0.14	10	0.01	57	4	0.10	2	20	9	0.15	<2	<1	4
KZ05R2087		10	0.02	0.21	20	0.88	654	1	0.06	9	800	10	0.37	<2	3	100
KZ05R2088		<10	<0.01	0.15	10	0.03	139	5	0.02	8	30	6	0.02	<2	1	9
KZ05R2089		10	0.02	0.21	10	0.52	858	1	0.45	15	810	8	0.01	<2	4	404
KZ05R2090		10	0.02	0.15	10	1.44	820	<1	0.04	19	1030	4	0.15	<2	11	45
KZ05R2091		10	0.01	0.17	10	0.69	804	<1	0.10	26	1150	8	<0.01	<2	8	53
KZ05R2092		10	0.03	0.14	20	1.64	2190	<1	0.01	18	1190	33	0.01	<2	13	385
CLEAN ROCK12		<10	0.04	0.24	10	0.02	468	<1	0.04	2	30	33	<0.01	<2	<1	33
KZ05R2093		10	0.01	0.22	<10	0.84	467	1	0.17	21	550	2	0.19	<2	6	58
KZ05R2094		10	<0.01	0.09	10	0.58	1365	2	0.13	17	800	9	<0.01	<2	3	100
KZ05R2095		10	<0.01	0.11	10	0.61	1390	1	0.10	20	800	7	<0.01	<2	3	86
KZ05R2096		<10	<0.01	0.16	10	0.02	112	3	0.06	2	20	11	0.33	<2	1	8
KZ05R2097		<10	2.34	0.14	20	0.01	90	3	<0.01	1	520	9	0.05	3	2	31
KZ05R2098		<10	0.38	0.16	10	0.03	1400	5	<0.01	6	1250	45	0.01	5	4	43
KZ05R2099		<10	0.21	0.14	10	0.01	256	5	<0.01	2	410	205	0.01	6	1	44
KZ05R2100		<10	0.10	0.01	<10	0.05	37	1	0.10	3	640	152	2.97	<2	<1	6
KZ05R3051		10	0.01	0.56	10	0.66	639	<1	0.09	6	790	5	<0.01	<2	3	84
KZ05R3052		<10	0.01	0.07	<10	0.47	436	1	0.01	5	410	13	0.02	<2	1	8
CLEAN ROCK13		10	0.01	0.12	<10	0.81	445	<1	0.16	24	530	2	0.08	<2	6	65
KZ05R3053		<10	0.01	0.16	10	0.02	139	1	0.06	1	20	20	0.51	<2	1	8
KZ05R3054		<10	<0.01	0.16	10	0.01	438	7	<0.01	2	20	23	0.02	<2	1	4
KZ05R3055 A		10	0.06	0.29	<10	0.42	851	16	0.01	9	460	>10000	1.08	8	2	23
KZ05R3055 B		10	0.05	0.31	<10	0.38	787	17	0.01	9	460	>10000	0.93	7	2	19
KZ05R3056		<10	<0.01	0.21	10	0.01	60	5	0.04	2	20	138	0.03	<2	1	5
KZ05R3057		10	<0.01	0.47	10	0.21	374	1	0.25	13	830	117	0.05	<2	4	240
KZ05R3058		20	0.01	0.10	10	3.85	2730	3	<0.01	31	980	63	0.99	<2	15	15
KZ05R3059		<10	<0.01	0.17	10	0.11	118	3	<0.01	10	290	19	1.36	<2	1	8
KZ05R3060		10	<0.01	0.08	20	0.51	525	<1	0.04	4	930	6	0.02	<2	4	74
KZ05R3061		<10	0.01	0.10	20	0.46	1975	1	<0.01	3	430	110	<0.01	<2	3	999
CLEAN ROCK14		<10	<0.01	0.19	<10	0.71	347	<1	0.14	18	560	2	0.07	<2	4	75
KZ05R3062		10	<0.01	0.08	10	0.90	1035	1	0.05	4	930	13	<0.01	<2	5	89
KZ05R3063		<10	0.41	0.08	20	0.01	270	5	0.05	12	870	23	<0.01	5	2	14
KZ05R3064		10	0.01	0.13	<10	1.69	377	<1	0.26	23	550	<2	0.05	<2	20	56
KZ05R3065		<10	0.05	0.14	10	0.03	203	1	<0.01	5	290	11	<0.01	<2	1	6
KZ05R3066		<10	0.02	0.22	10	0.03	319	2	0.02	2	270	13	0.03	<2	2	35
KZ05R3067		<10	0.01	0.23	10	0.03	301	2	0.03	2	370	8	0.06	<2	1	30

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 21-JUL-2005
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	Ti	Tl	U	V	W	Zn	Pb
	Units	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	10	1	10	2	0.01
CLEAN ROCK11		0.15	<10	<10	53	<10	44	
KZ05R2083		<0.01	<10	<10	4	<10	9	
KZ05R2084		0.38	<10	<10	172	<10	60	
KZ05R2085		<0.01	<10	<10	4	<10	5	
KZ05R2086		<0.01	<10	<10	1	<10	17	
KZ05R2087		0.07	<10	<10	46	<10	56	
KZ05R2088		<0.01	<10	<10	7	<10	12	
KZ05R2089		0.11	<10	<10	49	<10	71	
KZ05R2090		0.03	<10	<10	130	<10	83	
KZ05R2091		0.18	<10	<10	134	<10	56	
KZ05R2092		0.01	<10	<10	126	<10	191	
CLEAN ROCK12		<0.01	<10	<10	1	<10	27	
KZ05R2093		0.18	<10	<10	87	<10	49	
KZ05R2094		0.11	<10	<10	49	<10	49	
KZ05R2095		0.11	<10	<10	47	<10	49	
KZ05R2096		<0.01	<10	<10	1	<10	14	
KZ05R2097		<0.01	<10	<10	16	<10	31	
KZ05R2098		<0.01	<10	<10	59	<10	258	
KZ05R2099		<0.01	<10	<10	15	<10	295	
KZ05R2100		<0.01	<10	<10	1	<10	18	
KZ05R3051		0.16	<10	<10	42	<10	53	
KZ05R3052		<0.01	<10	<10	28	<10	43	
CLEAN ROCK13		0.20	<10	<10	73	<10	47	
KZ05R3053		<0.01	<10	<10	<1	<10	37	
KZ05R3054		<0.01	<10	<10	<1	<10	21	
KZ05R3055 A		<0.01	<10	<10	68	<10	2090	2.52
KZ05R3055 B		<0.01	<10	<10	65	<10	1950	2.00
KZ05R3056		<0.01	<10	<10	1	<10	23	
KZ05R3057		0.11	<10	<10	40	<10	26	
KZ05R3058		0.03	<10	<10	177	<10	151	
KZ05R3059		<0.01	<10	<10	19	<10	20	
KZ05R3060		0.02	<10	<10	57	<10	53	
KZ05R3061		<0.01	<10	<10	45	<10	119	
CLEAN ROCK14		0.16	<10	<10	59	<10	58	
KZ05R3062		0.02	<10	<10	72	<10	66	
KZ05R3063		<0.01	<10	<10	26	<10	59	
KZ05R3064		0.39	<10	<10	562	<10	20	
KZ05R3065		<0.01	<10	<10	25	<10	29	
KZ05R3066		<0.01	<10	<10	5	<10	31	
KZ05R3067		<0.01	<10	<10	3	<10	29	

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

: BARRICK GOLD CORPORATION
PO BOX 11120
700-1055 W GEORGIA ST
VANCOUVER BC V6E 3P3

Finalized Date: 21-JUL-2005
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
KZ05R3068		0.44	0.003	<0.2	1.86	22	<10	340	<0.5	<2	0.40	<0.5	1	54	22	3.83
KZ05R3069		0.52	0.004	<0.2	0.60	58	<10	100	<0.5	<2	0.67	<0.5	4	21	6	3.53
KZ05R3070		0.46	0.004	<0.2	0.81	5	<10	470	0.8	<2	3.11	<0.5	6	14	8	2.02
KZ05R3071		0.52	0.009	<0.2	0.83	7	10	260	0.9	<2	2.31	<0.5	6	16	18	2.03
CLEAN ROCK15		<0.02	0.002	<0.2	1.53	2	<10	90	<0.5	<2	0.80	<0.5	7	50	17	2.29
KZ05R3072		0.56	0.001	<0.2	2.75	14	<10	1550	0.7	<2	3.91	<0.5	18	47	23	5.28
KZ05R3073		0.58	0.001	<0.2	0.47	3	<10	280	<0.5	<2	3.53	<0.5	4	32	5	1.20
KZ05R3074		0.50	0.001	<0.2	0.54	<2	<10	70	0.5	<2	4.78	0.8	2	19	7	0.89
KZ05R3075		0.08	0.982	11.0	0.20	3	10	30	<0.5	<2	0.26	<0.5	1	4	8	2.89
KZ05R3076		0.20	0.003	<0.2	1.08	<2	<10	220	<0.5	<2	0.56	<0.5	4	50	3	2.03
KZ05R3077		0.74	0.676	0.9	0.36	12	<10	1020	<0.5	<2	0.13	<0.5	1	67	46	0.77
KZ05R3078		1.18	1.025	4.0	0.15	141	<10	360	<0.5	<2	0.42	<0.5	6	90	15	1.00
KZ05R3079		0.52	0.245	2.4	0.19	26	<10	2260	<0.5	<2	0.07	<0.5	8	58	15	1.28
KZ05R3080 A		0.52	0.019	0.4	0.48	6	<10	830	<0.5	<2	0.95	<0.5	3	41	4	0.65
KZ05R3080 B		<0.02	0.013	0.4	0.39	7	<10	900	<0.5	<2	0.95	<0.5	3	33	4	0.63
CLEAN ROCK16		<0.02	0.005	<0.2	1.99	19	<10	100	<0.5	<2	1.02	<0.5	11	55	25	3.10
KZ05R3081		0.66	0.008	0.3	0.52	<2	<10	100	<0.5	<2	0.03	<0.5	1	47	21	0.23
KZ05R3082		0.58	0.001	<0.2	0.96	4	<10	70	<0.5	<2	1.05	<0.5	3	36	2	0.99
KZ05R3083		0.82	0.011	<0.2	0.31	4	<10	1740	0.6	<2	0.07	<0.5	2	56	2	0.74
KZ05R3084		0.54	0.009	<0.2	0.71	70	<10	770	0.5	2	0.08	<0.5	24	28	101	8.59
KZ05R3085		0.70	0.003	<0.2	0.44	4	<10	300	0.7	<2	0.04	<0.5	11	41	66	2.80
KZ05R3086		0.60	0.006	<0.2	0.52	11	<10	760	1.0	<2	0.05	<0.5	18	34	138	4.98
KZ05R3087		0.46	0.002	<0.2	0.03	15	<10	20	<0.5	<2	0.02	<0.5	1	113	4	0.46
KZ05R3088		0.56	0.005	<0.2	1.38	53	<10	20	0.7	2	0.21	<0.5	31	28	185	10.25
KZ05R3089		0.86	0.002	<0.2	0.22	4	<10	50	<0.5	<2	0.01	<0.5	3	78	20	1.02
KZ05R3090		0.56	0.004	<0.2	0.50	13	<10	2030	<0.5	<2	0.01	<0.5	6	27	35	1.38
CLEAN ROCK17		<0.02	0.002	<0.2	1.70	3	<10	350	<0.5	<2	0.78	<0.5	8	47	27	2.18
KZ05R3091		0.66	0.004	<0.2	5.53	5	<10	50	<0.5	<2	4.32	<0.5	31	35	111	5.48
KZ05R3092		0.50	0.001	0.2	0.82	3	<10	170	<0.5	<2	1.59	<0.5	7	90	21	1.47
KZ05R3093		0.66	0.005	<0.2	0.60	9	<10	1260	<0.5	<2	0.04	<0.5	12	27	128	4.49
KZ05R3094		0.50	0.001	<0.2	0.54	<2	<10	240	<0.5	<2	11.55	1.4	16	41	2	2.78
KZ05R3095		0.58	0.003	<0.2	2.57	60	10	180	0.5	<2	1.54	<0.5	26	21	171	8.95
KZ05R3096		0.40	0.005	<0.2	2.01	57	10	320	<0.5	<2	0.88	<0.5	18	23	258	9.34
KZ05R3097		0.60	0.002	<0.2	0.43	2	<10	60	<0.5	<2	0.12	<0.5	5	39	18	1.71
KZ05R3098		0.58	0.004	1.9	0.68	6	<10	260	<0.5	<2	0.08	<0.5	2	9	1860	0.30
KZ05R3099		0.64	0.002	<0.2	0.46	2	<10	3030	<0.5	<2	0.05	<0.5	24	33	142	5.14
KZ05R3100		0.08	1.810	20.2	0.20	<2	<10	40	<0.5	<2	0.26	<0.5	2	4	6	2.91
CLEAN ROCK18		<0.02	0.005	<0.2	2.16	5	<10	220	<0.5	<2	1.39	<0.5	15	54	69	3.16

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

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
KZ05R3068		10	<0.01	0.80	10	1.56	378	2	0.14	3	1000	14	0.41	<2	16	72
KZ05R3069		<10	0.01	0.13	10	0.23	206	2	0.07	4	980	26	1.48	3	2	48
KZ05R3070		<10	0.01	0.20	20	0.43	622	<1	0.03	5	930	7	0.03	<2	2	183
KZ05R3071		<10	0.02	0.26	20	0.29	513	<1	0.04	6	970	8	0.03	2	3	148
CLEAN ROCK15		<10	0.02	0.21	<10	0.68	378	<1	0.10	16	500	2	0.04	<2	3	43
KZ05R3072		10	0.02	0.22	40	2.25	995	1	0.02	28	2890	7	0.09	3	8	488
KZ05R3073		<10	0.01	0.20	10	0.09	585	<1	0.04	3	550	11	0.01	<2	2	246
KZ05R3074		<10	0.01	0.24	10	0.05	565	1	0.02	1	970	17	0.02	<2	2	369
KZ05R3075		<10	0.05	0.01	<10	0.05	34	1	0.10	3	600	113	2.67	<2	<1	6
KZ05R3076		10	0.01	0.53	10	0.64	514	<1	0.07	6	760	3	0.01	<2	2	63
KZ05R3077		<10	0.01	0.26	10	0.02	35	14	<0.01	2	490	12	0.06	2	<1	31
KZ05R3078		<10	0.18	0.09	<10	0.02	195	213	<0.01	17	190	181	0.05	23	1	22
KZ05R3079		<10	0.57	0.07	<10	0.01	666	86	<0.01	10	180	309	0.06	19	1	30
KZ05R3080 A		<10	0.03	0.03	<10	0.01	338	27	<0.01	5	80	45	0.02	3	<1	27
KZ05R3080 B		<10	0.04	0.03	<10	0.01	329	27	<0.01	5	90	47	0.03	3	<1	28
CLEAN ROCK16		10	0.03	0.14	10	0.92	448	1	0.12	41	710	5	0.07	<2	6	51
KZ05R3081		<10	0.01	0.32	20	0.01	20	14	<0.01	2	150	7	0.02	<2	<1	29
KZ05R3082		<10	<0.01	0.10	<10	0.50	318	1	0.05	4	530	6	<0.01	5	1	103
KZ05R3083		<10	<0.01	0.18	<10	0.05	46	11	<0.01	2	180	11	0.08	<2	<1	61
KZ05R3084		<10	2.96	0.08	<10	0.03	992	1	<0.01	6	980	<2	0.05	25	23	27
KZ05R3085		<10	1.05	0.21	<10	0.02	715	<1	<0.01	6	60	<2	0.01	2	5	6
KZ05R3086		<10	0.56	0.26	<10	0.03	1145	<1	<0.01	8	220	2	0.02	23	7	14
KZ05R3087		<10	0.30	0.01	<10	<0.01	38	1	<0.01	4	100	<2	<0.01	7	<1	2
KZ05R3088		<10	0.84	0.05	<10	0.50	5680	<1	<0.01	13	390	3	0.33	7	20	22
KZ05R3089		<10	0.86	0.07	<10	0.01	80	<1	<0.01	4	20	<2	0.01	4	3	3
KZ05R3090		<10	>100	0.05	<10	0.01	309	<1	<0.01	3	30	2	0.10	9	4	76
CLEAN ROCK17		10	2.91	0.15	<10	0.69	333	<1	0.11	19	500	3	0.13	<2	5	103
KZ05R3091		10	0.05	0.11	<10	1.20	543	1	0.53	16	540	4	1.28	4	6	164
KZ05R3092		<10	0.10	0.09	<10	0.75	274	1	0.02	54	320	3	0.04	<2	5	62
KZ05R3093		<10	1.29	0.04	<10	0.01	952	1	<0.01	8	390	6	0.05	21	13	26
KZ05R3094		<10	0.02	0.03	10	6.02	2640	<1	<0.01	118	340	7	0.02	<2	6	489
KZ05R3095		10	0.24	0.10	10	2.56	1315	1	0.06	17	1050	5	0.04	20	31	42
KZ05R3096		10	0.98	0.11	<10	1.74	766	2	0.06	13	940	11	0.25	17	26	47
KZ05R3097		<10	0.52	0.07	<10	0.05	165	<1	<0.01	4	60	2	0.01	12	4	4
KZ05R3098		<10	43.2	0.04	10	0.03	21	<1	<0.01	2	70	3	0.01	102	4	11
KZ05R3099		<10	1.20	0.11	<10	0.04	690	<1	<0.01	11	220	2	0.08	5	11	61
KZ05R3100		<10	0.06	0.01	<10	0.05	115	1	0.10	6	620	124	2.68	<2	<1	6
CLEAN ROCK18		10	0.03	0.21	<10	0.86	408	1	0.15	24	480	4	0.28	<2	6	57

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 21-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05055640

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Pb-AA46 Pb % 0.01
KZ05R3068		0.23	<10	<10	140	<10	57	
KZ05R3069		0.01	<10	<10	27	<10	32	
KZ05R3070		0.01	<10	<10	39	<10	52	
KZ05R3071		0.01	<10	<10	38	<10	45	
CLEAN ROCK15		0.14	<10	<10	58	<10	41	
KZ05R3072		0.01	<10	<10	107	<10	97	
KZ05R3073		<0.01	<10	<10	17	<10	27	
KZ05R3074		<0.01	<10	<10	13	<10	45	
KZ05R3075		<0.01	<10	<10	1	<10	15	
KZ05R3076		0.14	<10	<10	38	<10	47	
KZ05R3077		<0.01	<10	<10	8	<10	5	
KZ05R3078		<0.01	<10	<10	14	<10	46	
KZ05R3079		<0.01	<10	<10	17	<10	95	
KZ05R3080 A		<0.01	<10	<10	8	<10	18	
KZ05R3080 B		<0.01	<10	<10	8	<10	20	
CLEAN ROCK16		0.18	<10	<10	78	<10	57	
KZ05R3081		<0.01	<10	<10	7	<10	4	
KZ05R3082		0.05	<10	<10	17	<10	25	
KZ05R3083		<0.01	<10	<10	4	<10	11	
KZ05R3084		<0.01	<10	<10	156	<10	114	
KZ05R3085		<0.01	<10	<10	42	<10	154	
KZ05R3086		0.01	<10	<10	62	<10	125	
KZ05R3087		<0.01	<10	<10	2	<10	6	
KZ05R3088		<0.01	<10	<10	130	<10	152	
KZ05R3089		<0.01	<10	<10	16	<10	10	
KZ05R3090		<0.01	<10	<10	22	<10	15	
CLEAN ROCK17		0.13	<10	<10	57	<10	46	
KZ05R3091		0.19	<10	<10	197	<10	44	
KZ05R3092		<0.01	<10	<10	38	<10	36	
KZ05R3093		<0.01	<10	<10	143	<10	55	
KZ05R3094		<0.01	<10	<10	39	<10	167	
KZ05R3095		0.49	<10	<10	443	<10	87	
KZ05R3096		0.41	<10	<10	404	<10	64	
KZ05R3097		0.01	<10	<10	25	<10	27	
KZ05R3098		0.01	<10	<10	34	<10	21	
KZ05R3099		<0.01	<10	<10	65	<10	75	
KZ05R3100		<0.01	<10	<10	1	<10	20	
CLEAN ROCK18		0.18	<10	<10	77	<10	59	

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
This copy reported on 21-NOV-2005
Account: ATC

CERTIFICATE VA05057498

Project: KIZMET-2052

P.O. No.: KZ-3

This report is for 229 Rock samples submitted to our lab in Vancouver, BC, Canada on 16-JUL-2005.

The following have access to data associated with this certificate:

ROBERT BROWN ACCOUNTS PAYABLE	BARRICK KIZMET	RICHARD MANN

SAMPLE PREPARATION

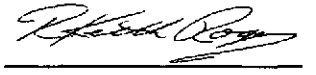
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
WSH-21	"Wash" crushers
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

To: **BARRICK GOLD CORPORATION**
ATTN: RICHARD MANN
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: 

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

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
KZO5R2101		0.22	<0.001	<0.2	1.11	2	<10	230	<0.5	<2	0.53	<0.5	4	68	4	2.01
KZO5R2102		0.62	0.001	<0.2	0.76	<2	<10	360	0.7	<2	2.31	<0.5	6	17	11	2.82
KZO5R2103		0.66	<0.001	0.2	1.03	20	<10	190	0.5	<2	0.27	<0.5	3	14	6	2.04
KZO5R2104		0.64	<0.001	<0.2	0.92	8	<10	470	0.6	<2	0.18	<0.5	3	11	4	2.00
KZO5R2105		0.52	<0.001	<0.2	0.93	68	<10	490	<0.5	<2	0.03	<0.5	1	17	3	0.57
KZO5R2105D		<0.02	<0.001	<0.2	0.72	70	<10	490	<0.5	<2	0.03	<0.5	1	16	3	0.55
KZO5R2106		0.60	0.001	0.2	0.87	55	<10	410	0.8	<2	0.46	<0.5	9	11	19	3.46
KZO5R2107		0.54	<0.001	<0.2	0.88	37	<10	360	0.7	<2	0.44	<0.5	19	12	21	4.13
KZO5R2108		0.60	<0.001	<0.2	0.67	85	<10	150	<0.5	<2	0.37	<0.5	<1	5	1	0.76
CLEAN ROCK1		<0.02	<0.001	<0.2	1.76	5	<10	190	<0.5	<2	0.85	<0.5	10	47	33	2.12
KZO5R2109		0.34	0.003	0.4	0.87	215	<10	130	0.8	<2	2.82	0.8	27	6	29	4.41
KZO5R2110		0.38	<0.001	<0.2	0.68	47	<10	100	<0.5	<2	0.16	<0.5	<1	12	1	0.62
KZO5R2111		0.48	0.001	<0.2	1.90	8	<10	150	<0.5	<2	3.04	<0.5	16	32	19	4.69
KZO5R2112		0.38	0.002	<0.2	0.72	35	10	510	<0.5	<2	1.44	<0.5	8	13	11	0.57
KZO5R2113		0.70	0.003	<0.2	0.96	25	<10	1500	0.5	<2	0.28	<0.5	3	10	18	0.56
KZO5R2114		0.34	0.003	0.2	1.66	29	10	300	0.6	<2	4.80	<0.5	18	58	86	4.25
KZO5R2115		0.64	0.017	0.2	0.54	385	<10	180	<0.5	<2	0.04	<0.5	3	37	13	1.09
KZO5R2116		0.56	0.002	<0.2	0.07	13	<10	90	<0.5	<2	17.6	<0.5	8	10	3	4.45
KZO5R2117		0.98	0.014	0.7	0.37	27	<10	150	<0.5	<2	0.12	<0.5	11	52	23	1.20
KZO5R2118		0.46	<0.001	1.3	1.60	4	<10	930	<0.5	<2	0.25	<0.5	18	39	194	3.53
CLEAN ROCK2		<0.02	<0.001	0.2	2.26	4	<10	210	<0.5	<2	1.19	<0.5	11	58	31	3.08
KZO5R2119		0.68	0.037	0.2	0.20	196	<10	20	<0.5	<2	4.18	<0.5	20	59	12	4.74
KZO5R2120		0.32	0.012	<0.2	0.21	134	<10	70	<0.5	<2	4.54	<0.5	14	73	8	4.14
KZO5R2121		0.54	<0.001	<0.2	1.88	3	<10	80	<0.5	<2	2.76	<0.5	19	47	168	4.17
KZO5R2122		0.34	0.002	<0.2	0.85	20	<10	270	0.9	<2	0.28	<0.5	3	6	44	0.59
KZO5R2123		0.48	0.007	<0.2	0.54	2	<10	410	0.6	<2	2.38	<0.5	5	6	10	2.50
KZO5R2124		0.48	0.004	<0.2	0.54	7	<10	1050	<0.5	<2	2.61	<0.5	9	19	10	2.99
KZO5R2125		0.08	1.290	<0.2	0.26	<2	<10	20	<0.5	<2	0.16	<0.5	<1	2	3	0.43
KZO5R2126		0.18	0.002	<0.2	1.15	<2	<10	220	<0.5	<2	0.59	<0.5	4	69	3	2.00
KZO5R2127		0.60	<0.001	<0.2	1.50	5	<10	560	<0.5	<2	3.70	<0.5	8	28	16	2.68
KZO5R2128		0.48	<0.001	<0.2	1.03	29	<10	460	<0.5	<2	0.30	<0.5	1	13	10	0.99
CLEAN ROCK3		<0.02	0.001	<0.2	1.53	7	<10	70	<0.5	<2	0.93	<0.5	4	62	15	1.53
KZO5R2129		0.94	<0.001	<0.2	3.10	3	10	50	<0.5	<2	1.17	<0.5	67	324	45	5.58
KZO5R2130		0.40	0.001	0.2	0.63	<2	<10	60	<0.5	<2	0.15	<0.5	1	39	17	0.97
KZO5R2130D		<0.02	<0.001	0.2	0.62	<2	<10	60	<0.5	2	0.15	<0.5	1	46	17	0.98
KZO5R2131		0.62	<0.001	<0.2	0.56	4	<10	50	<0.5	<2	0.74	<0.5	1	25	5	0.46
KZO5R2132		0.74	<0.001	<0.2	0.95	<2	<10	30	<0.5	2	1.08	2.1	2	28	32	0.29
KZO5R2133		0.58	0.001	<0.2	0.37	8	<10	20	<0.5	<2	0.31	<0.5	7	21	139	0.18
KZO5R2134		0.62	0.715	6.5	0.70	15	<10	30	<0.5	<2	1.22	<0.5	6	13	9390	2.01
KZO5R2135		0.56	0.071	0.8	1.78	<2	<10	70	0.6	2	1.62	<0.5	3	15	292	1.32

Comments: ** CORRECTED COPY for ME-ICP41 data - Samples KZ05R2101 to KZ05R2104 **

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

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
KZO5R2101		<10	<0.01	0.51	10	0.60	529	<1	0.09	6	750	3	0.01	<2	2	62
KZO5R2102		<10	0.05	0.27	20	0.28	837	1	0.05	3	1090	6	<0.01	<2	4	192
KZO5R2103		<10	0.17	0.12	20	0.02	1135	2	0.02	2	590	16	0.11	<2	1	24
KZO5R2104		<10	0.06	0.13	20	0.02	993	3	0.01	2	560	14	0.03	<2	1	25
KZO5R2105		<10	0.77	0.09	10	0.01	146	4	<0.01	1	50	17	0.02	<2	1	44
KZO5R2105D		<10	0.78	0.08	10	0.01	142	4	<0.01	1	40	18	0.02	2	<1	39
KZO5R2106		<10	0.21	0.15	20	0.05	1125	<1	<0.01	9	660	29	0.05	2	6	37
KZO5R2107		<10	0.28	0.13	10	0.26	920	4	<0.01	9	970	14	0.71	2	5	78
KZO5R2108		<10	0.15	0.06	10	0.01	485	2	<0.01	1	20	17	0.04	<2	2	13
CLEAN ROCK1		<10	0.02	0.23	<10	0.85	573	1	0.11	17	490	4	0.17	<2	4	77
KZO5R2109		<10	2.80	0.11	20	0.62	1335	2	<0.01	12	880	45	0.27	6	8	144
KZO5R2110		<10	0.05	0.03	10	0.05	815	<1	<0.01	1	50	9	0.01	<2	1	20
KZO5R2111		<10	0.06	0.12	10	1.00	911	1	0.26	13	1390	9	0.01	2	11	575
KZO5R2112		<10	0.21	0.13	20	0.03	51	2	0.03	6	560	18	0.08	<2	3	323
KZO5R2113		<10	0.13	0.15	20	0.03	123	<1	0.02	4	760	22	0.04	<2	3	51
KZO5R2114		<10	0.05	0.16	10	0.96	1605	1	0.02	48	1100	8	0.11	<2	13	82
KZO5R2115		<10	0.93	0.06	<10	0.01	70	4	<0.01	7	70	14	0.40	3	1	83
KZO5R2116		<10	0.06	0.01	<10	9.07	1340	<1	<0.01	38	60	<2	<0.01	<2	11	137
KZO5R2117		<10	0.05	0.14	10	0.04	165	52	<0.01	18	210	3	0.04	<2	2	18
KZO5R2118		<10	0.04	0.12	<10	0.52	568	<1	<0.01	32	220	<2	0.04	5	11	15
CLEAN ROCK2		10	0.04	0.31	<10	0.90	486	1	0.14	10	430	3	0.06	<2	7	54
KZO5R2119		<10	20.9	0.06	<10	1.54	911	6	<0.01	34	30	7	2.55	16	5	35
KZO5R2120		<10	10.35	0.06	<10	1.68	1040	4	<0.01	28	20	6	1.30	9	6	33
KZO5R2121		10	0.07	0.08	<10	1.26	910	<1	0.04	22	870	<2	0.03	<2	10	79
KZO5R2122		<10	0.37	0.27	<10	0.17	44	<1	<0.01	11	80	14	<0.01	<2	4	57
KZO5R2123		<10	1.12	0.14	10	0.19	751	<1	0.02	2	690	14	0.16	<2	6	440
KZO5R2124		<10	0.74	0.04	10	0.55	819	<1	<0.01	5	730	13	0.25	<2	6	149
KZO5R2125		<10	0.01	0.02	<10	0.08	40	<1	0.09	2	370	<2	<0.01	<2	1	6
KZO5R2126		<10	0.01	0.57	10	0.61	537	<1	0.08	6	740	2	<0.01	<2	2	74
KZO5R2127		10	0.09	0.14	10	1.04	1180	<1	0.05	26	950	11	0.02	2	6	132
KZO5R2128		<10	0.05	0.15	20	0.35	99	2	0.05	3	1170	9	0.03	<2	2	42
CLEAN ROCK3		<10	0.01	0.16	<10	0.49	278	1	0.07	10	410	3	0.02	<2	3	64
KZO5R2129		<10	0.01	0.01	<10	12.35	915	<1	<0.01	910	490	<2	<0.01	<2	5	62
KZO5R2130		<10	0.01	0.09	<10	0.56	132	2	0.07	17	510	5	0.10	<2	2	37
KZO5R2130D		<10	0.01	0.09	<10	0.42	119	1	0.10	6	500	3	0.11	<2	1	37
KZO5R2131		<10	<0.01	0.06	<10	0.27	168	<1	0.08	5	650	4	0.01	<2	<1	84
KZO5R2132		<10	<0.01	0.05	<10	0.21	1190	<1	0.09	5	630	68	0.01	2	1	23
KZO5R2133		<10	<0.01	0.09	<10	0.13	166	5	0.07	2	520	19	<0.01	<2	1	23
KZO5R2134		<10	0.01	0.07	<10	0.22	99	96	0.07	5	530	5	0.15	2	1	30
KZO5R2135		<10	<0.01	0.22	<10	0.78	608	<1	0.11	5	830	4	0.36	<2	1	59

Comments: ** CORRECTED COPY for ME-ICP41 data - Samples KZ05R2101 to KZ05R2104 **

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
KZO5R2101		0.15	<10	<10	35	<10	47
KZO5R2102		0.06	<10	<10	44	<10	53
KZO5R2103		<0.01	<10	<10	17	<10	120
KZO5R2104		<0.01	<10	<10	15	<10	60
KZO5R2105		<0.01	<10	<10	4	<10	82
KZO5R2105D		<0.01	<10	<10	3	<10	79
KZO5R2106		<0.01	<10	<10	48	<10	76
KZO5R2107		<0.01	<10	<10	40	<10	79
KZO5R2108		<0.01	<10	<10	2	<10	21
CLEAN ROCK1		0.14	<10	<10	54	<10	48
KZO5R2109		<0.01	<10	<10	93	<10	195
KZO5R2110		<0.01	<10	<10	2	<10	24
KZO5R2111		0.04	<10	<10	146	<10	109
KZO5R2112		<0.01	<10	<10	29	<10	82
KZO5R2113		<0.01	<10	<10	26	<10	14
KZO5R2114		0.01	<10	<10	98	<10	98
KZO5R2115		<0.01	<10	<10	11	<10	22
KZO5R2116		<0.01	<10	<10	39	<10	50
KZO5R2117		<0.01	<10	<10	16	<10	15
KZO5R2118		<0.01	<10	<10	85	<10	117
CLEAN ROCK2		0.19	<10	<10	88	<10	52
KZO5R2119		<0.01	<10	<10	66	<10	21
KZO5R2120		<0.01	<10	<10	81	<10	20
KZO5R2121		0.19	<10	<10	142	<10	52
KZO5R2122		<0.01	<10	<10	13	<10	73
KZO5R2123		<0.01	<10	<10	39	<10	47
KZO5R2124		<0.01	<10	<10	54	<10	83
KZO5R2125		<0.01	<10	<10	1	<10	3
KZO5R2126		0.16	<10	<10	40	<10	50
KZO5R2127		0.04	<10	<10	65	<10	52
KZO5R2128		<0.01	<10	<10	40	<10	52
CLEAN ROCK3		0.09	<10	<10	29	<10	28
KZO5R2129		0.12	<10	<10	94	<10	46
KZO5R2130		0.07	<10	<10	26	<10	17
KZO5R2130D		0.07	10	<10	24	<10	18
KZO5R2131		0.05	10	<10	19	<10	16
KZO5R2132		0.07	<10	<10	19	<10	214
KZO5R2133		0.07	10	<10	8	<10	23
KZO5R2134		0.05	<10	<10	24	10	46
KZO5R2135		0.02	<10	<10	14	<10	36

Comments: ** CORRECTED COPY for ME-ICP41 data - Samples KZ05R2101 to KZ05R2104 **

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	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	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
KZO5R2136		0.62	0.026	1.3	0.62	<2	<10	50	<0.5	3	0.43	<0.5	1	34	88	1.10
KZO5R2137		0.94	0.001	0.7	0.90	<2	<10	220	<0.5	<2	0.29	<0.5	2	25	72	1.29
CLEAN ROCK4		<0.02	0.001	0.2	1.12	3	<10	80	<0.5	3	0.77	<0.5	7	46	65	2.03
KZO5R2138		0.44	0.004	<0.2	1.12	7	<10	80	<0.5	2	0.77	<0.5	7	47	82	2.03
KZO5R2139		0.70	<0.001	<0.2	0.36	5	<10	20	2.5	<2	2.40	0.6	<1	31	3	0.15
KZO5R2140		0.40	0.003	0.4	0.71	3	<10	50	<0.5	<2	0.61	<0.5	3	29	77	0.47
KZO5R2141		0.50	0.033	1.2	1.94	14	<10	50	0.9	2	0.93	1.2	7	27	2030	0.89
KZO5R2142		0.32	0.024	1.4	0.38	<2	<10	160	<0.5	4	0.02	<0.5	1	29	22	1.22
KZO5R2143		0.44	0.002	<0.2	4.74	16	20	70	2.0	5	2.72	<0.5	11	13	120	4.21
KZO5R2144		0.70	<0.001	<0.2	0.55	8	<10	140	<0.5	<2	5.69	<0.5	8	13	9	2.62
KZO5R2145		0.84	<0.001	<0.2	1.00	3	<10	350	0.6	2	3.61	<0.5	4	5	9	2.48
KZO5R2146		0.42	<0.001	<0.2	1.08	<2	<10	420	0.6	3	3.90	<0.5	6	5	9	2.65
KZO5R2147		1.24	<0.001	0.3	3.64	2	<10	80	<0.5	2	5.38	<0.5	18	6	78	6.10
CLEAN ROCK5		<0.02	<0.001	<0.2	1.83	9	<10	120	<0.5	3	1.00	<0.5	9	49	24	2.47
KZO5R2148		0.48	<0.001	<0.2	0.81	21	<10	160	<0.5	3	12.05	<0.5	4	11	56	3.51
KZO5R2149		0.82	<0.001	<0.2	0.79	3	<10	80	<0.5	<2	2.19	<0.5	6	12	15	2.34
KZO5R2150		0.08	1.275	<0.2	0.25	<2	<10	20	<0.5	<2	0.17	<0.5	1	2	2	0.43
KZO5R2151		0.16	0.003	<0.2	1.23	<2	<10	240	<0.5	2	0.72	<0.5	5	56	4	2.18
KZO5R2152		0.44	<0.001	<0.2	0.68	7	<10	340	<0.5	<2	0.62	<0.5	3	12	3	1.92
KZO5R2153		0.58	<0.001	<0.2	0.43	20	<10	150	<0.5	2	0.37	<0.5	1	23	5	0.69
KZO5R2154		0.68	<0.001	<0.2	0.21	41	<10	270	<0.5	<2	0.08	<0.5	1	55	5	0.94
KZO5R2155		0.62	<0.001	<0.2	0.77	9	<10	830	<0.5	2	0.19	<0.5	2	13	19	3.82
KZO5R2155D		<0.02	<0.001	<0.2	0.77	9	<10	940	<0.5	2	0.19	<0.5	2	12	11	3.99
KZO5R2156		0.66	0.029	1.5	0.15	395	<10	210	<0.5	14	0.47	0.5	12	71	791	3.07
CLEAN ROCK6		<0.02	<0.001	<0.2	1.96	5	<10	50	<0.5	4	1.39	<0.5	11	106	40	2.80
KZO5R2157		0.64	<0.001	<0.2	0.25	10	<10	40	<0.5	<2	0.06	<0.5	1	57	4	0.43
KZO5R2158		0.52	<0.001	<0.2	0.30	<2	10	50	<0.5	<2	0.06	<0.5	<1	32	2	0.15
KZO5R2159		0.26	0.001	<0.2	0.34	5	<10	10	0.5	2	0.06	<0.5	<1	63	4	0.36
KZO5R2160		0.30	0.002	0.4	0.53	55	<10	30	1.0	3	10.40	<0.5	23	4	136	6.63
KZO5R2161		0.26	<0.001	0.3	0.34	<2	<10	10	<0.5	<2	0.09	<0.5	<1	47	2	0.33
KZO5R2162		0.58	0.002	0.3	0.69	7	<10	330	0.6	<2	9.35	<0.5	18	6	134	5.90
KZO5R2163		0.44	<0.001	<0.2	0.93	4	<10	50	<0.5	<2	1.59	<0.5	3	14	23	3.08
KZO5R2164		0.40	0.001	<0.2	1.65	3	<10	50	<0.5	<2	2.04	<0.5	6	18	13	2.42
KZO5R2165		0.68	<0.001	<0.2	2.33	<2	<10	130	0.5	<2	3.02	<0.5	9	9	13	3.36
KZO5R2166		0.44	<0.001	<0.2	0.86	4	<10	100	<0.5	<2	0.84	<0.5	5	21	7	2.62
CLEAN ROCK7		<0.02	<0.001	<0.2	1.54	2	<10	80	<0.5	<2	0.84	<0.5	9	48	7	2.73
KZO5R2167		0.38	0.001	<0.2	0.90	<2	<10	260	<0.5	<2	0.62	<0.5	5	12	9	2.84
KZO5R2168		0.84	0.001	0.2	0.37	19	<10	2710	<0.5	<2	0.08	<0.5	18	56	104	5.85
KZO5R2169		0.50	<0.001	<0.2	1.45	25	<10	460	<0.5	2	2.44	<0.5	8	5	5	3.14
KZO5R2170		0.52	<0.001	0.3	1.56	28	<10	370	0.5	<2	3.89	<0.5	8	7	4	3.35

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

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
KZO5R2136		<10	0.01	0.12	<10	0.25	145	1	0.07	2	720	39	0.09	5	1	59
KZO5R2137		<10	<0.01	0.10	10	0.51	337	13	0.06	3	640	97	0.06	<2	1	46
CLEAN ROCK4		<10	0.01	0.11	<10	0.65	373	<1	0.08	11	700	4	0.02	2	2	56
KZO5R2138		<10	0.01	0.10	<10	0.67	407	<1	0.08	13	740	8	0.01	<2	2	66
KZO5R2139		<10	<0.01	0.25	20	0.02	662	<1	<0.01	2	60	25	<0.01	<2	1	191
KZO5R2140		<10	<0.01	0.09	<10	0.29	295	<1	0.06	3	620	13	<0.01	<2	1	56
KZO5R2141		10	0.03	0.27	<10	0.21	83	120	0.09	5	640	64	0.33	20	1	75
KZO5R2142		<10	<0.01	0.29	10	0.02	16	1	0.07	<1	250	22	0.33	<2	<1	32
KZO5R2143		10	0.01	0.13	10	1.62	834	1	1.45	18	2120	4	<0.01	<2	8	87
KZO5R2144		<10	0.19	0.02	10	1.72	989	<1	0.02	5	650	14	0.42	<2	7	133
KZO5R2145		<10	0.03	0.18	10	0.35	787	<1	0.05	2	800	14	0.05	<2	5	303
KZO5R2146		<10	0.17	0.15	10	0.30	832	<1	0.04	3	830	19	0.10	<2	5	329
KZO5R2147		10	0.03	0.07	<10	2.37	1215	<1	0.11	10	690	<2	0.24	<2	15	233
CLEAN ROCK5		10	0.01	0.15	<10	0.95	516	<1	0.08	27	650	<2	0.06	<2	5	39
KZO5R2148		<10	0.02	0.08	<10	2.00	1110	2	0.03	15	490	<2	0.04	<2	6	235
KZO5R2149		<10	<0.01	0.10	10	1.01	902	<1	0.06	5	770	8	0.03	<2	4	91
KZO5R2150		<10	0.01	0.02	<10	0.08	41	<1	0.10	1	370	<2	<0.01	<2	1	6
KZO5R2151		10	<0.01	0.56	10	0.69	575	<1	0.10	5	780	<2	<0.01	<2	2	73
KZO5R2152		<10	0.01	0.14	20	0.20	693	1	0.05	2	520	2	0.01	<2	2	50
KZO5R2153		<10	0.77	0.20	10	0.03	401	8	0.03	3	120	10	0.03	<2	1	57
KZO5R2154		<10	0.58	0.15	20	0.02	142	5	0.06	4	120	16	0.58	<2	<1	27
KZO5R2155		<10	1.06	0.19	10	0.05	74	<1	0.04	1	900	18	0.05	<2	6	54
KZO5R2155D		<10	1.10	0.18	20	0.05	77	<1	0.04	1	970	15	0.05	<2	6	53
KZO5R2156		<10	1.05	0.08	<10	0.04	567	5	<0.01	13	140	9	0.20	55	6	8
CLEAN ROCK6		<10	0.01	0.07	<10	1.05	435	<1	0.19	39	650	<2	0.03	<2	4	47
KZO5R2157		<10	0.17	0.14	10	0.02	320	2	<0.01	2	30	2	<0.01	8	1	7
KZO5R2158		<10	0.02	0.25	10	0.01	11	<1	<0.01	1	30	11	<0.01	<2	<1	5
KZO5R2159		<10	0.42	0.21	10	0.02	26	2	0.01	3	20	19	0.01	3	<1	4
KZO5R2160		<10	0.18	0.23	<10	2.54	3680	29	0.01	10	740	19	1.70	62	22	103
KZO5R2161		<10	0.12	0.18	20	0.01	160	1	<0.01	4	20	27	<0.01	<2	1	3
KZO5R2162		<10	0.08	0.31	<10	2.20	1810	<1	0.03	5	750	7	0.24	2	19	118
KZO5R2163		<10	<0.01	0.17	20	0.17	581	1	0.17	2	1190	12	<0.01	<2	5	78
KZO5R2164		10	0.01	0.15	10	0.32	513	<1	0.07	1	790	10	<0.01	<2	4	81
KZO5R2165		10	<0.01	0.14	20	0.63	1935	<1	0.18	4	1180	14	<0.01	<2	5	128
KZO5R2166		<10	<0.01	0.07	10	0.14	266	<1	0.17	2	1120	8	<0.01	<2	4	84
CLEAN ROCK7		10	0.01	0.08	<10	0.86	389	1	0.12	17	630	6	0.01	<2	6	47
KZO5R2167		<10	0.01	0.19	20	0.32	741	<1	0.10	2	860	7	<0.01	<2	3	44
KZO5R2168		<10	0.75	0.08	<10	0.15	937	1	0.02	6	150	8	0.10	47	6	39
KZO5R2169		<10	0.05	0.20	20	0.45	2100	1	0.04	<1	1160	13	0.01	4	3	92
KZO5R2170		<10	0.04	0.22	20	0.49	3120	1	0.05	1	1040	14	0.01	4	4	132

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
KZO5R2136		0.09	<10	<10	18	<10	25
KZO5R2137		0.04	<10	<10	15	<10	76
CLEAN ROCK4		0.15	10	<10	46	<10	63
KZO5R2138		0.13	<10	<10	45	<10	76
KZO5R2139		<0.01	<10	<10	<1	<10	61
KZO5R2140		0.09	<10	<10	11	<10	47
KZO5R2141		0.02	<10	<10	13	<10	112
KZO5R2142		<0.01	10	<10	5	<10	6
KZO5R2143		0.40	10	<10	262	<10	50
KZO5R2144		<0.01	10	<10	60	<10	72
KZO5R2145		<0.01	<10	<10	35	<10	57
KZO5R2146		<0.01	<10	<10	34	<10	56
KZO5R2147		0.01	<10	<10	177	<10	76
CLEAN ROCK5		0.16	<10	<10	53	<10	54
KZO5R2148		<0.01	<10	<10	81	<10	34
KZO5R2149		<0.01	<10	<10	30	<10	42
KZO5R2150		<0.01	<10	<10	1	<10	3
KZO5R2151		0.16	<10	<10	38	<10	49
KZO5R2152		0.01	<10	<10	16	<10	62
KZO5R2153		<0.01	<10	<10	4	<10	31
KZO5R2154		<0.01	<10	<10	2	<10	45
KZO5R2155		<0.01	10	<10	33	<10	82
KZO5R2155D		<0.01	10	<10	34	<10	74
KZO5R2156		<0.01	10	<10	30	<10	189
CLEAN ROCK6		0.21	<10	<10	62	<10	40
KZO5R2157		<0.01	10	<10	2	<10	7
KZO5R2158		<0.01	10	<10	<1	<10	7
KZO5R2159		<0.01	10	<10	1	<10	7
KZO5R2160		<0.01	10	<10	67	<10	81
KZO5R2161		<0.01	<10	<10	<1	<10	8
KZO5R2162		<0.01	<10	<10	85	<10	59
KZO5R2163		0.24	<10	<10	93	<10	26
KZO5R2164		0.19	<10	<10	60	<10	41
KZO5R2165		0.28	<10	<10	81	<10	73
KZO5R2166		0.20	<10	<10	65	<10	37
CLEAN ROCK7		0.17	<10	<10	66	<10	45
KZO5R2167		0.12	<10	<10	66	<10	54
KZO5R2168		0.01	<10	<10	70	<10	85
KZO5R2169		0.03	<10	<10	37	<10	66
KZO5R2170		0.02	<10	<10	38	<10	70

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

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
KZO5R2171		0.46	<0.001	<0.2	0.30	4	<10	190	<0.5	<2	0.02	<0.5	3	71	22	1.71
KZO5R2172		0.54	0.008	0.7	0.55	213	<10	1760	<0.5	<2	0.10	<0.5	23	9	369	7.67
KZO5R2173		0.48	<0.001	<0.2	1.87	4	<10	150	<0.5	<2	1.63	<0.5	14	12	19	3.89
KZO5R2174		0.76	<0.001	<0.2	1.42	4	<10	160	<0.5	<2	1.60	<0.5	8	5	19	2.92
KZO5R2175		0.08	1.310	<0.2	0.24	<2	<10	20	<0.5	<2	0.15	<0.5	<1	2	2	0.41
KZO5R1076		0.16	0.004	<0.2	1.15	2	<10	230	<0.5	<2	0.59	<0.5	5	48	3	2.07
CLEAN ROCK8		<0.02	0.001	<0.2	2.65	4	<10	120	<0.5	<2	1.18	0.5	8	83	26	2.59
KZO5R1077		0.86	0.008	0.2	0.82	19	<10	120	<0.5	<2	0.76	<0.5	18	49	64	1.73
KZO5R1078		0.80	<0.001	0.2	3.84	13	<10	30	<0.5	<2	6.52	<0.5	55	662	67	6.20
KZO5R1079		0.84	<0.001	<0.2	3.88	14	<10	30	<0.5	<2	6.39	<0.5	53	663	70	6.17
KZO5R1080		0.74	0.071	1.3	1.32	34	<10	60	<0.5	<2	2.02	<0.5	11	43	57	2.50
KZO5R1080D		<0.02	0.066	1.4	1.28	34	<10	60	<0.5	<2	1.84	<0.5	12	38	59	2.70
KZO5R1081		0.74	0.001	<0.2	0.82	3	<10	610	0.5	<2	1.38	<0.5	5	34	16	1.93
KZO5R1082		0.74	<0.001	0.2	0.84	40	<10	480	<0.5	<2	0.26	<0.5	5	18	12	2.49
KZO5R1083		0.84	<0.001	<0.2	1.41	7	<10	730	<0.5	<2	2.76	<0.5	8	18	12	2.98
KZO5R1084		0.82	<0.001	<0.2	0.62	10	<10	570	<0.5	<2	1.02	<0.5	2	12	9	0.79
KZO5R1085		0.68	<0.001	<0.2	3.75	3	<10	280	<0.5	<2	5.66	<0.5	62	364	75	6.18
CLEAN ROCK9		<0.02	<0.001	<0.2	1.22	3	<10	110	<0.5	<2	0.57	<0.5	6	38	14	2.36
KZO5R1086		0.66	<0.001	<0.2	1.30	4	<10	420	<0.5	<2	7.19	<0.5	43	184	39	4.64
KZO5R1087		0.86	<0.001	<0.2	0.18	12	<10	10	<0.5	<2	20.5	<0.5	5	42	2	3.53
KZO5R1088		0.76	0.001	<0.2	1.13	3	<10	280	<0.5	<2	10.35	<0.5	47	160	46	4.45
KZO5R1089		1.12	0.006	<0.2	2.16	19	<10	30	<0.5	<2	2.93	<0.5	23	189	87	3.37
KZO5R1090		0.84	0.004	<0.2	1.59	15	<10	10	<0.5	<2	5.50	<0.5	23	9	21	2.95
KZO5R1091		1.02	0.004	0.2	3.76	4	<10	660	<0.5	<2	5.39	<0.5	48	461	158	4.95
KZO5R1092		1.42	0.015	<0.2	0.06	154	<10	<10	<0.5	<2	9.06	<0.5	19	46	67	5.81
KZO5R1093		0.84	0.006	<0.2	0.29	46	<10	10	<0.5	<2	1.06	<0.5	10	64	86	1.86
KZO5R1094		0.80	<0.001	<0.2	2.44	24	<10	140	<0.5	<2	1.52	<0.5	22	33	61	4.87
KZO5R1095		0.94	<0.001	<0.2	2.96	6	<10	50	<0.5	<2	2.20	<0.5	27	187	106	4.49
CLEAN ROCK10		<0.02	<0.001	<0.2	2.05	4	<10	90	<0.5	<2	1.15	<0.5	7	55	16	1.87
KZO5R1096		0.82	<0.001	<0.2	3.01	7	<10	50	<0.5	<2	2.35	<0.5	28	214	107	4.56
KZO5R1097		0.90	<0.001	0.2	1.58	15	<10	80	0.5	<2	15.00	<0.5	20	117	84	7.02
KZO5R1098		0.60	<0.001	0.2	3.70	26	<10	10	<0.5	2	4.58	<0.5	24	809	264	4.55
KZO5R1099		0.90	<0.001	<0.2	2.33	10	<10	80	<0.5	<2	1.80	<0.5	22	62	134	3.91
KZO5R1100		0.08	1.275	<0.2	0.23	4	<10	20	<0.5	<2	0.15	<0.5	1	2	2	0.41
KZO5R3101		0.14	0.003	<0.2	1.22	<2	<10	210	<0.5	<2	0.69	<0.5	5	74	9	2.07
KZO5R3102		0.66	0.004	<0.2	0.37	10	<10	60	<0.5	<2	0.08	<0.5	1	28	4	0.87
KZO5R3103		0.68	0.035	0.9	0.63	4	<10	400	<0.5	<2	0.09	<0.5	3	30	4	1.96
KZO5R3104		0.58	0.001	0.2	0.65	2	<10	1170	<0.5	<2	0.07	<0.5	2	54	4	1.48
KZO5R3105		0.78	0.002	0.2	0.67	<2	<10	400	<0.5	<2	0.09	<0.5	3	45	4	2.26
CLEAN ROCK11		<0.02	<0.001	<0.2	2.41	4	<10	60	<0.5	<2	1.07	<0.5	9	51	23	3.86

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

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
KZO5R2171		<10	1.23	0.02	<10	0.01	97	<1	<0.01	6	70	2	0.01	16	6	11
KZO5R2172		<10	0.21	0.11	<10	0.10	883	1	0.02	6	60	13	0.15	<2	13	44
KZO5R2173		10	0.01	0.20	10	1.48	797	<1	0.06	3	850	9	<0.01	<2	5	46
KZO5R2174		10	0.01	0.23	20	0.54	911	1	0.04	3	1190	10	<0.01	<2	4	29
KZO5R2175		<10	<0.01	0.02	<10	0.07	37	<1	0.09	2	360	4	<0.01	<2	1	6
KZO5R1076		<10	<0.01	0.52	10	0.66	552	<1	0.08	6	810	5	<0.01	<2	2	67
CLEAN ROCK8		10	0.01	0.30	<10	0.73	284	4	0.12	26	320	7	0.49	<2	8	58
KZO5R1077		<10	0.14	0.16	<10	0.26	240	<1	<0.01	26	130	6	0.08	<2	6	10
KZO5R1078		10	0.09	0.02	<10	7.40	1215	<1	0.01	561	500	14	0.04	<2	34	128
KZO5R1079		10	0.10	0.02	<10	7.35	1200	<1	0.01	567	510	14	0.05	<2	33	127
KZO5R1080		<10	0.05	0.09	<10	0.55	413	84	0.02	18	410	13	0.01	2	5	43
KZO5R1080D		<10	0.05	0.08	<10	0.61	439	80	0.02	18	440	14	0.01	2	6	42
KZO5R1081		<10	0.01	0.20	<10	0.07	443	1	0.01	9	860	8	0.01	<2	6	100
KZO5R1082		<10	0.02	0.13	<10	0.06	263	<1	<0.01	9	850	16	0.01	<2	5	36
KZO5R1083		10	0.02	0.14	20	0.96	1200	<1	0.06	9	940	24	0.03	<2	6	119
KZO5R1084		<10	0.03	0.13	20	0.14	233	<1	0.06	2	920	16	0.14	<2	2	125
KZO5R1085		10	0.02	0.01	<10	9.70	842	<1	0.02	596	660	10	0.01	<2	23	386
CLEAN ROCK9		<10	<0.01	0.25	<10	0.55	303	<1	0.13	16	460	6	0.01	<2	3	45
KZO5R1086		<10	0.04	0.07	<10	7.93	1110	<1	0.01	576	380	8	0.03	<2	12	470
KZO5R1087		<10	0.04	0.02	<10	11.85	952	<1	0.05	63	90	15	0.01	<2	12	601
KZO5R1088		<10	0.01	0.20	<10	7.71	1120	<1	0.01	616	360	7	0.01	<2	15	458
KZO5R1089		<10	0.01	0.38	<10	2.79	588	<1	0.03	83	880	4	0.05	<2	6	49
KZO5R1090		10	0.03	0.02	<10	1.25	512	<1	0.06	9	1320	6	0.42	<2	2	120
KZO5R1091		10	0.06	0.62	<10	6.11	863	<1	0.04	293	1740	12	0.03	2	20	185
KZO5R1092		<10	0.18	<0.01	<10	4.00	1250	1	0.01	10	30	6	2.34	7	15	38
KZO5R1093		<10	0.49	0.01	<10	0.57	403	1	<0.01	15	300	<2	0.23	20	10	26
KZO5R1094		10	0.01	0.56	<10	1.20	765	1	0.11	12	1180	7	0.02	<2	9	49
KZO5R1095		10	0.01	0.30	<10	3.35	702	<1	0.03	72	730	8	0.01	<2	12	43
CLEAN ROCK10		10	<0.01	0.17	<10	0.83	325	<1	0.22	23	520	6	0.13	<2	4	57
KZO5R1096		10	0.01	0.29	<10	3.49	715	<1	0.03	74	730	9	0.01	<2	14	46
KZO5R1097		<10	0.02	0.08	<10	6.61	1740	<1	0.05	91	520	7	0.05	2	19	252
KZO5R1098		10	<0.01	0.08	<10	6.55	776	<1	0.02	185	750	8	0.02	<2	27	61
KZO5R1099		<10	0.02	0.25	<10	2.08	580	<1	0.06	31	750	7	0.04	<2	8	38
KZO5R1100		<10	<0.01	0.02	<10	0.08	37	<1	0.09	1	370	3	<0.01	<2	1	6
KZO5R3101		10	<0.01	0.50	10	0.81	537	<1	0.09	12	790	5	<0.01	<2	3	69
KZO5R3102		<10	<0.01	0.16	20	0.12	156	1	0.06	3	160	14	0.09	<2	1	11
KZO5R3103		<10	0.01	0.15	10	0.31	133	6	0.05	3	580	31	0.09	<2	1	22
KZO5R3104		<10	<0.01	0.26	<10	0.26	86	130	0.03	3	530	8	0.13	<2	<1	20
KZO5R3105		<10	<0.01	0.26	<10	0.30	89	23	0.03	3	470	9	0.70	<2	<1	11
CLEAN ROCK11		10	0.01	0.09	<10	1.04	721	2	0.13	24	780	11	0.27	<2	8	51

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
KZO5R2171		0.01	<10	<10	30	<10	25
KZO5R2172		<0.01	<10	<10	118	<10	72
KZO5R2173		0.02	<10	<10	67	<10	67
KZO5R2174		0.08	<10	<10	58	<10	91
KZO5R2175		<0.01	<10	<10	1	<10	3
KZO5R1076		0.14	<10	<10	38	<10	47
CLEAN ROCK8		0.07	<10	<10	152	<10	73
KZO5R1077		<0.01	<10	<10	24	<10	25
KZO5R1078		<0.01	<10	<10	138	<10	54
KZO5R1079		<0.01	<10	<10	139	<10	54
KZO5R1080		0.08	<10	<10	67	<10	35
KZO5R1080D		0.09	<10	<10	73	<10	37
KZO5R1081		0.01	<10	<10	39	<10	43
KZO5R1082		0.01	<10	<10	41	<10	50
KZO5R1083		0.05	<10	<10	71	<10	57
KZO5R1084		0.01	<10	<10	16	<10	15
KZO5R1085		0.01	<10	<10	140	<10	58
CLEAN ROCK9		0.11	<10	<10	66	<10	37
KZO5R1086		<0.01	<10	<10	68	<10	34
KZO5R1087		<0.01	<10	<10	42	<10	32
KZO5R1088		0.01	<10	<10	63	<10	38
KZO5R1089		0.15	<10	<10	75	<10	36
KZO5R1090		0.16	<10	<10	55	<10	22
KZO5R1091		0.12	<10	<10	135	<10	41
KZO5R1092		<0.01	<10	<10	13	<10	23
KZO5R1093		<0.01	<10	<10	39	<10	15
KZO5R1094		0.32	<10	<10	157	<10	36
KZO5R1095		0.20	<10	<10	99	<10	47
CLEAN ROCK10		0.12	<10	<10	49	<10	39
KZO5R1096		0.20	<10	<10	108	<10	48
KZO5R1097		0.02	<10	<10	130	<10	44
KZO5R1098		0.02	<10	<10	196	<10	25
KZO5R1099		0.26	<10	<10	96	<10	31
KZO5R1100		<0.01	<10	<10	1	<10	3
KZO5R3101		0.15	<10	<10	41	<10	44
KZO5R3102		0.01	<10	<10	4	<10	14
KZO5R3103		<0.01	<10	<10	12	<10	24
KZO5R3104		<0.01	<10	<10	5	<10	15
KZO5R3105		0.03	<10	<10	8	<10	14
CLEAN ROCK11		0.20	<10	<10	106	<10	71

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

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
KZO5R3105D		<0.02	0.001	<0.2	0.68	<2	<10	290	<0.5	<2	0.08	<0.5	3	63	5	2.15
KZO5R3106		0.64	<0.001	0.5	0.98	<2	<10	120	<0.5	<2	0.43	<0.5	4	31	4	2.99
KZO5R3107		0.82	0.007	0.4	1.25	5	<10	70	0.6	<2	0.18	<0.5	10	59	13	2.33
KZO5R3108		0.64	<0.001	<0.2	2.54	2	<10	70	0.5	<2	1.78	<0.5	13	14	14	3.90
KZO5R3109		0.62	0.004	<0.2	0.23	13	<10	10	0.5	<2	0.07	<0.5	<1	33	1	0.50
KZO5R3110		0.48	0.005	0.2	0.56	3	<10	60	<0.5	2	0.18	<0.5	5	43	8	3.11
KZO5R3111		0.70	<0.001	<0.2	2.30	4	<10	60	<0.5	<2	1.08	<0.5	10	21	4	4.91
KZO5R3112		0.58	<0.001	0.2	0.66	4	<10	40	<0.5	<2	3.07	<0.5	7	36	10	3.98
KZO5R3113		0.66	0.001	0.2	0.54	<2	<10	370	<0.5	<2	0.07	<0.5	2	27	1	0.77
KZO5R3114		0.58	<0.001	<0.2	0.57	<2	<10	400	<0.5	<2	0.06	<0.5	1	45	4	2.29
CLEAN ROCK12		<0.02	<0.001	<0.2	1.71	3	<10	120	<0.5	<2	0.78	<0.5	6	36	25	3.07
KZO5R3115		1.02	<0.001	0.2	0.72	<2	<10	350	<0.5	<2	0.04	<0.5	1	28	3	1.62
KZO5R3116		0.50	<0.001	<0.2	0.45	2	<10	120	<0.5	<2	0.11	<0.5	2	33	3	1.44
KZO5R3117		0.72	<0.001	<0.2	1.19	6	<10	40	<0.5	<2	0.51	<0.5	5	50	7	2.17
KZO5R3118		0.56	<0.001	0.2	0.05	2	<10	<10	0.8	<2	16.6	<0.5	26	17	7	4.87
KZO5R3119		0.58	<0.001	<0.2	3.10	<2	<10	230	<0.5	<2	1.29	<0.5	35	327	80	3.87
KZO5R3120		0.44	0.001	<0.2	0.23	534	<10	30	<0.5	<2	11.40	<0.5	18	110	52	6.62
KZO5R3121		0.50	<0.001	<0.2	0.40	444	<10	40	<0.5	<2	11.25	<0.5	25	164	110	5.84
KZO5R3122		0.46	<0.001	0.4	0.36	18	<10	10	<0.5	<2	11.25	<0.5	6	6	48	2.66
KZO5R3123		0.60	0.006	<0.2	2.54	<2	<10	60	<0.5	<2	2.17	<0.5	20	113	117	3.64
KZO5R3124		0.82	<0.001	<0.2	2.54	<2	<10	120	<0.5	<2	4.31	<0.5	26	35	75	6.78
CLEAN ROCK13		<0.02	<0.001	<0.2	1.22	2	<10	70	<0.5	<2	0.75	<0.5	7	41	27	2.50
KZO5R3125		0.08	1.010	11.4	0.23	<2	10	30	<0.5	<2	0.26	<0.5	<1	4	8	3.13
KZO5R3126		0.16	<0.001	<0.2	1.17	<2	<10	220	<0.5	<2	0.67	<0.5	4	47	10	2.07
KZO5R3127		0.54	<0.001	<0.2	2.43	<2	<10	60	<0.5	<2	1.01	<0.5	18	36	173	4.22
KZO5R3128		0.52	<0.001	<0.2	3.70	<2	<10	10	<0.5	<2	0.54	<0.5	33	938	34	3.63
KZO5R3129		0.40	0.003	0.3	1.32	<2	<10	60	<0.5	<2	9.06	<0.5	14	10	570	3.20
KZO5R3130		0.94	<0.001	0.2	3.55	9	<10	60	0.9	<2	1.71	0.5	11	58	36	3.52
KZO5R3130D		<0.02	0.001	0.3	3.42	17	<10	60	0.9	<2	1.72	0.5	11	36	40	3.43
KZO5R3131		0.48	0.004	<0.2	1.98	6	<10	90	<0.5	<2	1.01	<0.5	4	49	12	1.66
KZO5R3132		0.58	<0.001	<0.2	1.44	27	<10	210	0.9	<2	0.79	<0.5	6	17	15	0.68
KZO5R3133		0.62	0.004	<0.2	2.34	57	<10	180	0.5	<2	1.28	0.7	3	35	30	4.28
CLEAN ROCK14		<0.02	<0.001	<0.2	2.67	4	<10	50	<0.5	<2	2.13	<0.5	11	30	30	3.38
KZO5R3134		0.28	0.005	<0.2	1.60	31	<10	190	1.4	<2	1.03	<0.5	23	12	23	0.83
KZO5R3135		0.36	<0.001	<0.2	0.95	32	<10	230	1.2	<2	1.59	<0.5	8	10	25	0.73
KZO5R3136		0.74	<0.001	0.2	0.97	54	<10	150	0.7	<2	6.66	<0.5	7	17	8	1.22
KZO5R3137		0.64	<0.001	<0.2	1.31	118	<10	200	0.7	<2	0.40	<0.5	6	16	14	1.40
KZO5R3138		0.46	<0.001	<0.2	0.89	4	<10	150	0.8	<2	2.05	<0.5	5	54	33	1.98
KZO5R3139		0.56	<0.001	<0.2	0.46	<2	<10	160	<0.5	<2	2.30	<0.5	4	45	4	2.01
KZO5R3140		0.56	0.001	<0.2	2.57	3	10	390	<0.5	<2	8.91	<0.5	28	121	123	4.92

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

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
KZO5R3105D		<10	<0.01	0.27	<10	0.29	84	21	0.04	4	420	9	0.70	<2	<1	10
KZO5R3106		<10	<0.01	0.22	10	0.84	230	12	0.05	1	2020	31	0.81	<2	2	39
KZO5R3107		10	<0.01	0.14	<10	1.20	409	2	0.01	5	560	11	0.02	<2	2	8
KZO5R3108		10	<0.01	0.08	20	2.20	1045	1	0.03	10	2640	11	0.08	<2	4	135
KZO5R3109		<10	<0.01	0.13	30	0.01	318	5	0.05	2	20	22	0.07	<2	<1	9
KZO5R3110		<10	<0.01	0.21	10	0.29	68	2	0.05	5	580	8	2.93	<2	<1	32
KZO5R3111		10	<0.01	0.11	10	1.62	999	2	0.14	1	1260	13	0.48	<2	8	72
KZO5R3112		<10	<0.01	0.28	10	0.30	356	2	0.05	6	620	22	3.57	<2	1	83
KZO5R3113		<10	<0.01	0.23	10	0.23	130	1	0.06	1	280	6	0.47	<2	<1	15
KZO5R3114		<10	<0.01	0.26	10	0.21	90	1	0.04	4	890	21	0.09	<2	<1	17
CLEAN ROCK12		10	<0.01	0.17	<10	0.82	515	<1	0.09	14	680	6	0.02	<2	8	34
KZO5R3115		<10	<0.01	0.35	<10	0.29	90	3	0.06	2	510	19	0.40	<2	<1	15
KZO5R3116		<10	<0.01	0.22	<10	0.12	76	2	0.05	3	370	5	0.80	<2	<1	13
KZO5R3117		10	<0.01	0.11	10	0.96	540	5	0.03	10	1280	11	0.26	<2	3	43
KZO5R3118		<10	0.11	0.01	<10	8.50	1325	<1	0.01	73	40	7	<0.01	<2	2	604
KZO5R3119		10	<0.01	1.10	<10	4.44	516	<1	0.06	184	1720	8	<0.01	<2	8	24
KZO5R3120		<10	0.10	0.02	<10	5.20	1440	3	0.01	74	160	5	0.66	5	12	199
KZO5R3121		<10	0.10	0.05	<10	5.20	1455	1	0.01	108	600	7	1.18	7	18	186
KZO5R3122		<10	0.07	0.01	<10	5.74	497	<1	0.02	6	620	3	0.28	7	8	152
KZO5R3123		<10	0.02	0.29	<10	2.85	709	<1	0.03	41	920	3	0.03	<2	9	55
KZO5R3124		10	0.02	0.38	<10	2.00	1065	<1	0.04	33	1040	<2	0.02	5	23	92
CLEAN ROCK13		<10	<0.01	0.21	10	0.64	435	1	0.11	13	680	<2	0.06	<2	4	31
KZO5R3125		<10	0.02	0.01	<10	0.06	36	1	0.12	4	630	127	3.10	<2	<1	6
KZO5R3126		10	<0.01	0.54	10	0.68	565	<1	0.08	6	790	10	<0.01	<2	2	67
KZO5R3127		<10	0.01	0.73	<10	1.73	499	1	0.06	27	930	4	0.44	<2	2	39
KZO5R3128		10	<0.01	0.03	<10	5.77	535	<1	<0.01	455	700	<2	<0.01	<2	2	11
KZO5R3129		<10	0.02	0.02	<10	1.15	713	<1	0.07	13	630	2	0.43	<2	8	337
KZO5R3130		10	<0.01	0.23	10	0.74	804	3	0.38	28	1520	31	<0.01	<2	4	225
KZO5R3130D		10	<0.01	0.23	10	0.58	791	3	0.38	12	1480	34	<0.01	<2	4	222
KZO5R3131		10	<0.01	0.09	10	0.31	360	<1	0.25	7	460	8	<0.01	<2	1	172
KZO5R3132		<10	<0.01	0.26	10	0.09	238	1	0.16	5	1420	9	<0.01	<2	2	123
KZO5R3133		10	<0.01	0.04	10	0.42	1335	6	0.08	6	1040	8	0.06	3	3	127
CLEAN ROCK14		10	0.02	0.06	<10	1.13	450	2	0.08	27	1230	5	0.05	<2	6	61
KZO5R3134		<10	<0.01	0.35	20	0.14	264	1	0.17	15	1450	5	<0.01	<2	1	156
KZO5R3135		<10	<0.01	0.30	20	0.14	188	1	0.03	8	1020	6	0.01	<2	1	88
KZO5R3136		<10	0.01	0.17	10	0.18	661	25	0.01	8	960	12	<0.01	2	2	298
KZO5R3137		<10	0.01	0.26	30	0.21	80	1	0.04	6	900	9	<0.01	<2	2	41
KZO5R3138		<10	0.01	0.07	10	0.09	267	<1	<0.01	19	1580	5	<0.01	<2	10	21
KZO5R3139		<10	0.01	0.06	30	0.40	559	4	0.01	5	330	9	0.01	2	4	41
KZO5R3140		10	0.15	0.11	<10	2.29	907	<1	0.21	36	1300	5	1.00	<2	23	1825

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

: BARRICK GOLD CORPORATION
PO BOX 11120
700-1055 W GEORGIA ST
VANCOUVER BC V6E 3P3

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
KZO5R3105D		0.03	<10	<10	8	<10	13
KZO5R3106		0.02	<10	<10	18	<10	38
KZO5R3107		<0.01	<10	<10	58	<10	29
KZO5R3108		0.23	<10	<10	69	<10	114
KZO5R3109		<0.01	<10	<10	1	<10	19
KZO5R3110		0.01	<10	<10	11	<10	11
KZO5R3111		0.29	<10	<10	116	<10	78
KZO5R3112		<0.01	<10	<10	8	<10	24
KZO5R3113		0.01	<10	<10	9	<10	10
KZO5R3114		<0.01	<10	<10	5	<10	11
CLEAN ROCK12		0.15	<10	<10	68	<10	64
KZO5R3115		<0.01	<10	<10	6	<10	10
KZO5R3116		0.03	<10	<10	7	<10	7
KZO5R3117		0.14	<10	<10	25	<10	61
KZO5R3118		<0.01	<10	<10	36	<10	39
KZO5R3119		0.18	<10	<10	108	<10	40
KZO5R3120		<0.01	<10	<10	56	<10	22
KZO5R3121		<0.01	<10	<10	80	<10	26
KZO5R3122		<0.01	<10	<10	35	<10	11
KZO5R3123		0.24	<10	<10	85	<10	38
KZO5R3124		0.03	<10	<10	175	<10	71
CLEAN ROCK13		0.18	<10	<10	48	<10	49
KZO5R3125		<0.01	<10	<10	1	<10	18
KZO5R3126		0.15	<10	<10	40	<10	59
KZO5R3127		0.40	<10	<10	93	<10	38
KZO5R3128		0.21	10	<10	82	<10	40
KZO5R3129		0.21	<10	<10	131	<10	29
KZO5R3130		0.14	10	<10	77	<10	119
KZO5R3130D		0.15	<10	<10	78	<10	121
KZO5R3131		0.09	<10	<10	23	<10	36
KZO5R3132		0.01	<10	<10	20	<10	30
KZO5R3133		0.20	<10	<10	35	<10	255
CLEAN ROCK14		0.17	<10	<10	131	<10	66
KZO5R3134		0.04	<10	<10	15	<10	17
KZO5R3135		<0.01	<10	<10	9	<10	65
KZO5R3136		<0.01	<10	<10	12	<10	42
KZO5R3137		<0.01	<10	<10	14	<10	44
KZO5R3138		0.03	10	<10	59	<10	111
KZO5R3139		<0.01	<10	10	26	<10	34
KZO5R3140		0.05	<10	<10	212	<10	66

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

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
KZO5R3141		0.74	0.001	<0.2	4.56	<2	<10	40	<0.5	<2	5.47	<0.5	31	19	85	6.81
KZO5R3142		0.88	0.007	<0.2	0.57	13	<10	1070	<0.5	<2	0.36	<0.5	5	25	11	1.70
KZO5R3143		0.46	0.009	<0.2	0.43	<2	<10	1420	<0.5	2	0.24	<0.5	3	48	5	1.44
CLEAN ROCK15		<0.02	<0.001	<0.2	2.15	<2	<10	60	<0.5	<2	0.86	<0.5	9	38	15	2.99
KZO5R3144		0.64	<0.001	<0.2	0.25	7	<10	100	<0.5	<2	12.90	<0.5	6	55	29	2.87
KZO5R3145		0.60	<0.001	<0.2	2.45	12	<10	2030	0.5	<2	13.50	<0.5	14	10	60	4.45
KZO5R3146		0.62	0.001	<0.2	2.41	<2	10	1460	0.5	<2	11.75	<0.5	13	12	68	3.85
KZO5R3147		0.50	<0.001	<0.2	1.16	59	<10	1460	<0.5	<2	0.36	<0.5	27	12	11	1.54
KZO5R3148		0.36	<0.001	<0.2	1.16	<2	<10	340	<0.5	<2	0.61	0.6	3	13	13	0.94
KZO5R3149		0.38	<0.001	<0.2	0.99	<2	<10	110	<0.5	<2	0.69	<0.5	3	12	8	3.27
KZO5R3150		0.08	1.305	<0.2	0.26	<2	<10	20	<0.5	<2	0.16	<0.5	1	2	4	0.43
KZO5R0101		0.26	0.002	<0.2	1.12	<2	<10	220	<0.5	<2	0.59	<0.5	4	54	3	2.10
KZO5R0102		0.66	<0.001	<0.2	0.82	<2	<10	120	0.8	<2	2.45	<0.5	6	23	4	1.44
KZO5R0103		0.42	<0.001	<0.2	0.55	<2	<10	590	0.6	<2	0.35	<0.5	1	43	8	0.88
CLEAN ROCK16		<0.02	<0.001	<0.2	1.28	5	<10	150	<0.5	<2	0.80	<0.5	8	42	29	2.09
KZO5R0104		1.16	0.010	<0.2	0.65	3	<10	3220	<0.5	<2	0.14	<0.5	3	73	6	1.05
KZO5R0105		0.66	<0.001	<0.2	0.52	<2	<10	270	0.5	<2	2.73	<0.5	3	32	3	1.07
KZO5R0105D		<0.02	0.005	<0.2	0.57	2	<10	330	0.5	<2	2.91	<0.5	4	42	3	1.15
KZO5R0106		0.74	0.001	<0.2	0.46	<2	<10	70	0.7	<2	3.58	<0.5	2	23	20	0.71
KZO5R0107		0.68	<0.001	<0.2	1.30	2	10	220	1.0	<2	4.39	2.0	5	30	4	2.04
KZO5R0108		0.60	0.015	<0.2	0.29	2	<10	520	<0.5	<2	0.69	<0.5	2	66	2	0.60
KZO5R0109		0.56	<0.001	<0.2	0.98	3	<10	170	0.5	<2	2.15	<0.5	5	37	1	1.55
KZO5R0110		0.56	<0.001	<0.2	1.20	4	<10	220	0.6	<2	2.15	<0.5	6	41	3	1.57
KZO5R0111		0.68	<0.001	<0.2	2.33	12	<10	260	0.5	<2	0.95	<0.5	9	23	29	3.98
KZO5R0112		0.64	<0.001	<0.2	1.84	9	<10	540	<0.5	2	0.82	<0.5	11	20	27	2.90
CLEAN ROCK17		<0.02	<0.001	<0.2	1.99	8	<10	90	<0.5	<2	0.78	<0.5	5	59	12	2.13
KZO5R0113		0.70	0.001	1.4	1.42	3	<10	1520	<0.5	<2	2.92	1.1	6	24	3	1.52
KZO5R0114		0.64	<0.001	0.6	1.82	7	<10	50	<0.5	5	0.48	<0.5	6	22	5	5.15
KZO5R0115		0.82	0.002	0.3	1.26	<2	<10	50	<0.5	<2	0.64	<0.5	6	28	71	2.74
KZO5R0116		0.72	0.001	0.3	0.62	3	<10	240	<0.5	<2	0.10	<0.5	1	43	66	1.92
KZO5R0117		1.02	0.010	0.2	1.05	<2	<10	110	<0.5	<2	0.32	<0.5	2	24	35	2.66
KZO5R0118		0.46	0.005	0.3	1.02	2	<10	80	<0.5	<2	0.35	<0.5	1	31	162	1.62
KZO5R0119		0.60	0.001	<0.2	3.49	3	<10	90	1.1	<2	1.89	0.7	26	63	98	4.60
KZO5R0120		0.56	<0.001	<0.2	3.37	7	<10	70	1.0	<2	2.02	0.5	27	62	85	4.42
KZO5R0121		0.52	0.003	0.5	0.74	3	<10	90	<0.5	<2	0.36	<0.5	3	28	10	1.65
KZO5R0122		0.64	0.013	1.3	1.55	<2	<10	70	0.5	6	1.37	1.5	6	38	53	0.67
CLEAN ROCK18		<0.02	0.004	<0.2	1.92	8	<10	80	<0.5	<2	0.54	<0.5	10	33	23	3.45
KZO5R0123		0.72	0.001	0.3	0.25	7	<10	10	<0.5	<2	0.02	<0.5	1	25	16	0.53
KZO5R0124		0.34	<0.001	<0.2	0.30	6	<10	30	<0.5	<2	0.03	<0.5	1	29	26	0.54
KZO5R0125		0.08	1.780	21.1	0.21	5	<10	40	<0.5	<2	0.26	<0.5	2	4	5	3.07

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

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
KZO5R3141		10	<0.01	0.05	<10	3.10	961	<1	0.09	22	390	3	<0.01	4	27	279
KZO5R3142		<10	0.52	0.10	<10	0.05	511	1	0.01	4	620	18	0.06	<2	3	55
KZO5R3143		<10	0.01	0.15	<10	0.11	458	<1	<0.01	4	190	30	0.06	<2	1	36
CLEAN ROCK15		10	0.01	0.12	<10	1.09	574	<1	0.13	22	640	2	0.05	<2	5	62
KZO5R3144		<10	0.01	0.08	<10	0.57	1170	1	0.01	5	90	2	0.01	<2	6	277
KZO5R3145		10	<0.01	0.11	<10	2.62	2140	<1	0.02	6	260	2	0.09	<2	9	355
KZO5R3146		10	<0.01	0.16	<10	2.19	1815	<1	0.02	8	290	5	0.06	<2	9	250
KZO5R3147		<10	2.21	0.11	10	0.20	84	14	0.05	5	230	7	0.04	<2	2	58
KZO5R3148		<10	0.11	0.18	10	0.27	162	<1	0.06	<1	170	16	<0.01	<2	3	49
KZO5R3149		<10	0.10	0.08	10	0.10	558	1	0.04	<1	1380	4	<0.01	<2	4	44
KZO5R3150		<10	<0.01	0.02	<10	0.08	39	<1	0.10	3	350	2	<0.01	<2	1	6
KZO5R0101		10	<0.01	0.52	10	0.64	557	<1	0.07	6	780	2	<0.01	<2	2	63
KZO5R0102		<10	0.01	0.22	20	0.36	383	<1	0.06	4	1270	3	<0.01	<2	6	77
KZO5R0103		<10	<0.01	0.28	10	0.02	61	<1	0.04	3	680	2	0.02	<2	1	44
CLEAN ROCK16		<10	<0.01	0.21	<10	0.60	316	1	0.09	12	630	5	0.09	<2	4	42
KZO5R0104		<10	<0.01	0.14	10	0.38	284	1	<0.01	5	400	15	0.09	<2	1	147
KZO5R0105		<10	<0.01	0.20	10	0.11	423	<1	0.04	1	510	7	0.01	<2	1	187
KZO5R0105D		<10	<0.01	0.21	10	0.11	450	<1	0.04	3	510	6	0.01	<2	1	202
KZO5R0106		<10	<0.01	0.27	20	0.04	607	2	0.05	2	1060	2	0.02	<2	2	125
KZO5R0107		<10	0.07	0.24	10	0.87	583	<1	0.03	3	660	32	0.02	2	3	535
KZO5R0108		<10	<0.01	0.20	<10	0.04	363	2	0.01	3	140	5	0.12	<2	<1	62
KZO5R0109		<10	<0.01	0.26	10	0.44	600	<1	0.06	4	590	<2	0.01	5	1	128
KZO5R0110		<10	<0.01	0.24	10	0.79	1395	<1	0.02	5	410	3	0.01	<2	1	88
KZO5R0111		10	<0.01	0.19	10	0.43	567	1	0.21	6	1620	13	1.09	2	4	341
KZO5R0112		10	<0.01	0.09	10	0.63	509	1	0.15	3	820	12	0.04	2	2	227
CLEAN ROCK17		10	<0.01	0.11	<10	0.84	445	1	0.17	15	620	<2	0.04	<2	5	61
KZO5R0113		<10	<0.01	0.22	10	0.36	1420	1	0.02	3	900	481	0.05	4	2	378
KZO5R0114		10	<0.01	0.07	<10	2.02	497	1	0.06	3	1320	22	1.68	<2	8	34
KZO5R0115		10	<0.01	0.06	10	0.64	283	1	0.12	3	900	5	0.05	2	2	43
KZO5R0116		<10	<0.01	0.20	10	0.44	160	2	0.14	4	700	14	0.43	<2	2	48
KZO5R0117		<10	<0.01	0.05	10	0.51	237	4	0.07	3	870	10	0.05	<2	2	57
KZO5R0118		<10	<0.01	0.15	10	0.15	108	16	0.11	2	780	6	0.13	<2	1	82
KZO5R0119		10	<0.01	0.02	20	3.02	785	2	0.01	46	3380	<2	0.01	2	4	205
KZO5R0120		10	<0.01	0.02	20	2.94	810	2	0.02	42	3340	2	0.01	6	5	214
KZO5R0121		<10	<0.01	0.13	10	0.36	167	3	0.10	3	790	24	0.21	<2	1	139
KZO5R0122		<10	0.02	0.12	<10	0.35	255	54	0.04	4	770	319	0.01	6	1	282
CLEAN ROCK18		10	<0.01	0.08	10	0.84	464	1	0.08	18	510	4	0.02	<2	5	31
KZO5R0123		<10	<0.01	0.15	<10	0.01	15	18	0.08	<1	30	3	0.01	<2	<1	7
KZO5R0124		<10	<0.01	0.17	<10	0.02	61	7	0.05	<1	30	29	0.03	<2	<1	10
KZO5R0125		<10	0.02	0.01	<10	0.05	123	1	0.11	4	630	130	2.87	<2	<1	7

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
KZO5R3141		0.03	<10	<10	243	<10	65
KZO5R3142		<0.01	<10	<10	25	<10	23
KZO5R3143		<0.01	<10	<10	12	<10	30
CLEAN ROCK15		0.18	<10	<10	71	<10	53
KZO5R3144		<0.01	<10	<10	49	<10	20
KZO5R3145		0.01	<10	<10	98	<10	48
KZO5R3146		0.01	<10	<10	107	<10	39
KZO5R3147		<0.01	<10	10	22	<10	216
KZO5R3148		0.01	10	<10	15	<10	62
KZO5R3149		0.02	<10	<10	50	<10	41
KZO5R3150		<0.01	<10	<10	1	<10	4
KZO5R0101		0.15	<10	<10	39	<10	65
KZO5R0102		0.01	<10	<10	31	<10	25
KZO5R0103		<0.01	<10	<10	13	<10	7
CLEAN ROCK16		0.19	<10	<10	53	<10	38
KZO5R0104		<0.01	<10	<10	8	<10	30
KZO5R0105		<0.01	<10	<10	12	<10	39
KZO5R0105D		<0.01	<10	<10	13	<10	40
KZO5R0106		<0.01	<10	<10	9	<10	10
KZO5R0107		<0.01	<10	<10	24	<10	217
KZO5R0108		<0.01	<10	<10	4	<10	14
KZO5R0109		0.01	<10	<10	20	<10	32
KZO5R0110		0.01	<10	<10	18	<10	42
KZO5R0111		0.14	<10	<10	69	<10	37
KZO5R0112		0.18	<10	<10	78	<10	40
CLEAN ROCK17		0.11	<10	<10	57	<10	44
KZO5R0113		0.08	<10	<10	23	<10	276
KZO5R0114		0.26	<10	<10	136	<10	73
KZO5R0115		0.20	<10	<10	80	<10	39
KZO5R0116		0.12	<10	<10	47	<10	18
KZO5R0117		0.10	<10	<10	67	<10	43
KZO5R0118		0.12	<10	<10	29	<10	31
KZO5R0119		0.68	<10	<10	113	<10	164
KZO5R0120		0.71	<10	<10	107	<10	156
KZO5R0121		0.14	<10	<10	26	<10	19
KZO5R0122		0.10	<10	<10	19	<10	180
CLEAN ROCK18		0.12	<10	<10	56	<10	58
KZO5R0123		0.02	<10	<10	1	<10	2
KZO5R0124		0.01	<10	<10	2	<10	17
KZO5R0125		<0.01	<10	<10	2	<10	21

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	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	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
KZO5R1101		0.16	0.003	<0.2	1.21	2	<10	240	<0.5	<2	0.58	<0.5	5	9	4	2.25
KZO5R1102		1.02	0.045	0.4	4.66	4	<10	80	1.2	<2	2.90	0.6	5	23	347	3.45
KZO5R1103		0.70	<0.001	0.2	1.12	4	<10	110	0.8	<2	1.44	9.0	22	32	26	1.26
KZO5R1104		0.74	0.001	0.2	2.81	<2	<10	330	1.0	<2	1.54	<0.5	11	18	75	3.49
KZO5R1105		0.82	<0.001	<0.2	2.84	16	<10	140	0.8	<2	1.54	<0.5	10	21	8	2.94
KZO5R1105D		<0.02	<0.001	<0.2	3.89	12	<10	270	1.0	<2	1.80	<0.5	11	24	10	3.00
KZO5R1106		1.00	<0.001	<0.2	3.19	12	<10	120	0.8	<2	1.60	<0.5	8	15	10	2.44
CLEAN ROCK19		<0.02	0.002	0.2	2.32	4	<10	190	<0.5	<2	1.19	<0.5	12	17	93	3.06
KZO5R1107		0.84	<0.001	<0.2	0.74	3	<10	60	<0.5	<2	0.34	<0.5	4	7	8	2.05
KZO5R1108		0.84	<0.001	0.2	1.60	2	<10	120	0.5	<2	0.58	<0.5	3	9	30	1.61
KZO5R1109		0.80	<0.001	0.3	0.61	9	<10	190	<0.5	<2	0.12	<0.5	3	6	9	2.05
KZO5R1110		0.84	<0.001	<0.2	0.83	<2	<10	100	<0.5	<2	0.34	<0.5	4	12	17	2.28
KZO5R1111		0.94	0.011	<0.2	0.19	4	<10	110	<0.5	<2	10.10	<0.5	1	3	17	1.55
KZO5R1112		0.86	<0.001	<0.2	0.69	<2	10	230	0.5	<2	2.91	<0.5	4	4	5	1.70
KZO5R1113		0.74	<0.001	<0.2	0.40	<2	<10	580	<0.5	<2	0.45	<0.5	1	3	3	0.56
KZO5R1114		0.70	<0.001	<0.2	1.02	<2	<10	40	0.8	<2	0.52	<0.5	<1	2	1	0.36
KZO5R1115		0.82	0.009	0.2	0.24	29	<10	30	<0.5	<2	0.04	<0.5	6	6	9	1.09
KZO5R1116		0.78	0.005	<0.2	2.23	39	10	180	<0.5	<2	1.06	<0.5	9	15	23	1.32
CLEAN ROCK20		<0.02	<0.001	<0.2	1.89	2	<10	230	<0.5	<2	1.15	<0.5	8	21	17	2.92
KZO5R1117		0.62	0.007	<0.2	2.84	<2	<10	160	<0.5	<2	5.92	<0.5	17	15	104	4.51
KZO5R1118		0.60	<0.001	<0.2	0.46	9	<10	50	0.5	<2	2.66	<0.5	<1	3	2	0.31
KZO5R1119		0.88	0.002	<0.2	5.24	<2	<10	230	<0.5	2	6.97	<0.5	32	68	117	6.82
KZO5R1120		0.60	0.001	<0.2	3.90	<2	<10	270	<0.5	2	5.06	<0.5	29	14	158	7.79
KZO5R1121		0.54	0.002	<0.2	4.07	<2	<10	200	<0.5	<2	4.47	<0.5	32	16	172	8.17
KZO5R1122		0.76	<0.001	<0.2	2.34	3	<10	640	0.8	2	3.67	<0.5	21	88	36	5.19
KZO5R1123		0.82	<0.001	<0.2	0.53	25	<10	30	<0.5	2	0.65	<0.5	2	2	11	1.02
KZO5R1124		0.70	0.003	<0.2	2.72	3	10	30	<0.5	<2	9.81	<0.5	24	8	133	6.13
KZO5R1125		0.08	0.930	11.4	0.21	<2	10	30	<0.5	<2	0.26	<0.5	1	4	8	2.96

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

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
KZO5R1101		10	<0.01	0.56	10	0.64	555	<1	0.10	4	800	2	0.01	<2	2	73
KZO5R1102		10	0.01	0.20	10	0.59	771	1	0.65	6	1360	28	0.07	<2	5	379
KZO5R1103		<10	<0.01	0.23	20	0.37	456	4	0.06	61	980	51	0.01	2	2	90
KZO5R1104		10	<0.01	0.51	10	0.85	616	<1	0.06	10	990	19	0.01	<2	5	75
KZO5R1105		10	<0.01	0.15	10	0.36	796	<1	0.36	7	1590	19	0.01	<2	5	221
KZO5R1105D		10	<0.01	0.34	10	0.38	855	<1	0.51	6	1620	20	0.01	2	7	304
KZO5R1106		10	<0.01	0.24	10	0.24	685	<1	0.43	4	1350	23	<0.01	<2	4	274
CLEAN ROCK19		10	0.01	0.19	<10	0.97	417	3	0.26	12	680	5	0.10	<2	6	89
KZO5R1107		<10	<0.01	0.15	20	0.25	203	1	0.04	2	350	14	0.01	<2	3	14
KZO5R1108		10	0.02	0.32	30	0.22	287	1	0.09	2	300	12	<0.01	<2	4	19
KZO5R1109		<10	0.03	0.06	40	0.04	608	<1	0.01	2	360	16	<0.01	2	5	5
KZO5R1110		<10	<0.01	0.31	10	0.46	313	2	0.11	6	460	16	<0.01	2	3	21
KZO5R1111		<10	0.29	0.07	<10	0.06	1085	3	0.01	1	60	25	<0.01	3	2	157
KZO5R1112		<10	0.01	0.19	10	0.33	371	<1	0.07	1	820	3	<0.01	<2	3	206
KZO5R1113		<10	0.01	0.03	10	0.01	258	<1	0.02	<1	500	6	<0.01	<2	2	23
KZO5R1114		<10	<0.01	0.55	30	0.05	190	<1	0.06	<1	30	14	<0.01	<2	<1	29
KZO5R1115		<10	0.28	0.07	<10	0.04	132	5	0.01	11	80	3	<0.01	<2	1	4
KZO5R1116		<10	0.50	0.16	10	0.07	274	<1	0.02	22	150	13	0.03	7	4	40
CLEAN ROCK20		10	<0.01	0.39	<10	0.65	377	<1	0.12	13	560	<2	0.04	<2	7	43
KZO5R1117		10	0.01	0.20	<10	1.36	1270	<1	0.11	8	890	2	0.01	<2	19	70
KZO5R1118		<10	<0.01	0.14	10	0.03	666	<1	0.02	<1	20	10	<0.01	<2	<1	66
KZO5R1119		10	0.14	0.07	<10	3.28	990	<1	0.28	50	690	<2	0.19	2	32	459
KZO5R1120		10	0.09	0.06	<10	2.50	1370	<1	0.05	13	700	<2	0.05	<2	24	62
KZO5R1121		20	0.08	0.02	<10	2.62	1320	<1	0.05	13	750	<2	<0.01	2	27	52
KZO5R1122		10	0.02	0.36	30	2.45	945	1	0.17	56	2850	4	0.06	2	14	290
KZO5R1123		<10	0.05	0.19	20	0.14	293	6	0.02	1	170	13	0.14	<2	2	8
KZO5R1124		10	0.01	0.03	<10	1.98	2350	<1	0.10	8	630	<2	0.03	<2	23	41
KZO5R1125		<10	0.03	0.01	<10	0.06	38	<1	0.11	3	610	123	2.93	2	<1	5

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 29-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05057498

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
KZO5R1101		0.15	<10	<10	39	<10	47
KZO5R1102		0.17	10	<10	86	<10	88
KZO5R1103		0.01	<10	<10	23	<10	265
KZO5R1104		0.02	<10	<10	58	<10	66
KZO5R1105		0.08	<10	<10	79	<10	55
KZO5R1105D		0.10	<10	<10	92	<10	55
KZO5R1106		0.13	<10	<10	77	<10	52
CLEAN ROCK19		0.21	<10	<10	83	<10	50
KZO5R1107		0.06	<10	<10	35	<10	30
KZO5R1108		0.06	<10	10	31	<10	29
KZO5R1109		0.01	<10	<10	24	<10	34
KZO5R1110		0.14	<10	<10	57	<10	32
KZO5R1111		<0.01	<10	<10	10	<10	66
KZO5R1112		<0.01	<10	<10	33	<10	29
KZO5R1113		<0.01	<10	<10	3	<10	4
KZO5R1114		<0.01	<10	<10	2	<10	21
KZO5R1115		<0.01	<10	<10	16	<10	14
KZO5R1116		<0.01	<10	<10	41	<10	21
CLEAN ROCK20		0.14	<10	<10	67	<10	51
KZO5R1117		0.02	<10	<10	163	<10	48
KZO5R1118		<0.01	<10	<10	1	<10	6
KZO5R1119		0.01	<10	<10	282	<10	72
KZO5R1120		0.01	<10	<10	270	<10	88
KZO5R1121		0.01	<10	<10	301	<10	94
KZO5R1122		0.05	<10	<10	101	<10	85
KZO5R1123		<0.01	<10	<10	14	<10	18
KZO5R1124		0.36	<10	<10	245	<10	74
KZO5R1125		<0.01	<10	<10	1	<10	16

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

o: **BARRICK GOLD CORPORATION**
PO BOX 11120
700-1055 W GEORGIA ST
VANCOUVER BC V6E 3P3

Finalized Date: 27-JUL-2005
Account: ATC

CERTIFICATE VA05058404

Project: KIZMET-2052

P.O. No.:

This report is for 115 Rock samples submitted to our lab in Vancouver, BC, Canada on 19-JUL-2005.

The following have access to data associated with this certificate:

ROBERT BROWN ACCOUNTS PAYABLE	BARRICK KIZMET	RICHARD MANN

SAMPLE PREPARATION

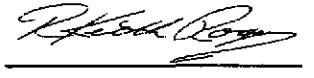
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
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: 

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 27-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05058404

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	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	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
KZ05R0126		0.24	<0.001	<0.2	1.22	5	<10	240	<0.5	<2	0.69	<0.5	4	30	6	2.22
KZ05R0127		0.72	0.001	<0.2	0.70	3	<10	80	<0.5	2	0.48	<0.5	1	8	52	1.79
KZ05R0128		0.60	0.001	<0.2	2.57	2	<10	30	<0.5	<2	3.23	<0.5	30	67	10	4.42
KZ05R0129		0.34	0.027	<0.2	0.42	292	<10	10	<0.5	<2	9.59	<0.5	2	52	50	1.67
KZ05R0130		0.70	<0.001	0.2	0.48	9	<10	20	1.5	<2	2.29	<0.5	3	10	4	1.24
KZ05R0130 DUP		<0.02	<0.001	<0.2	0.49	11	<10	20	1.5	<2	2.29	<0.5	3	4	4	1.24
KZ05R0131		0.70	0.001	0.2	0.42	100	<10	30	0.7	<2	0.10	<0.5	<1	15	3	0.49
KZ05R0132		0.48	<0.001	<0.2	0.09	3	<10	<10	<0.5	<2	17.8	<0.5	2	5	4	3.00
KZ05R0133		0.66	0.021	<0.2	2.19	14	<10	70	<0.5	<2	3.68	<0.5	23	14	256	5.53
KZ05R0134		0.72	0.002	<0.2	0.89	51	<10	10	<0.5	<2	13.95	<0.5	16	3	105	5.17
CLEAN ROCK 1		0.48	<0.001	<0.2	2.03	8	<10	90	<0.5	<2	1.15	<0.5	9	20	24	2.58
KZ05R0135		0.48	0.200	4.8	0.18	368	<10	<10	<0.5	2	0.11	<0.5	216	<1	3570	>50
KZ05R0136		0.60	0.002	<0.2	3.24	4	<10	70	<0.5	<2	1.45	<0.5	25	59	232	4.24
KZ05R0137		0.78	0.002	0.2	1.94	9	<10	20	<0.5	<2	3.23	<0.5	19	251	135	3.07
KZ05R0138		0.54	0.009	0.5	1.58	91	<10	10	<0.5	<2	5.69	<0.5	54	89	2790	3.97
KZ05R0139		0.86	<0.001	<0.2	0.32	10	<10	10	<0.5	<2	19.4	<0.5	5	6	20	4.94
KZ05R0140		0.36	<0.001	<0.2	2.63	4	<10	70	<0.5	<2	1.40	<0.5	22	12	54	5.92
KZ05R0141		0.82	<0.001	<0.2	3.52	2	<10	140	<0.5	<2	1.52	<0.5	34	410	115	3.80
KZ05R0142		0.70	0.001	<0.2	1.47	4	<10	80	0.8	<2	1.19	<0.5	10	37	70	3.22
KZ05R0143		0.56	<0.001	0.3	1.35	<2	<10	50	<0.5	<2	1.54	<0.5	6	22	18	1.59
KZ05R0144		1.12	<0.001	<0.2	2.54	2	<10	80	<0.5	<2	1.20	<0.5	8	6	37	2.92
CLEAN ROCK 2		0.48	0.003	<0.2	2.20	3	<10	100	<0.5	<2	1.58	<0.5	9	20	46	2.79
KZ05R0145		0.66	<0.001	0.3	2.35	<2	<10	80	<0.5	<2	1.19	<0.5	6	12	33	2.45
KZ05R0146		0.70	0.020	1.3	1.17	46	<10	840	<0.5	<2	0.20	1.9	5	21	16	2.19
KZ05R0147		0.62	<0.001	<0.2	2.15	7	<10	40	<0.5	<2	0.93	<0.5	13	12	6	3.49
KZ05R0148		0.72	0.027	1.0	0.72	11	<10	70	<0.5	<2	0.32	<0.5	12	4	22	4.04
KZ05R0149		0.82	<0.001	<0.2	3.37	2	<10	60	0.6	<2	1.98	<0.5	6	16	6	2.33
KZ05R0150		0.08	0.978	11.0	0.21	4	10	30	<0.5	<2	0.24	<0.5	1	4	8	2.80
KZ05R0151		0.18	0.002	<0.2	1.33	<2	<10	240	<0.5	<2	0.67	<0.5	4	10	3	2.23
KZ05R0152		0.70	0.008	0.3	0.66	<2	<10	60	0.8	<2	0.17	0.7	<1	23	2	0.54
KZ05R0153		0.88	0.005	<0.2	4.31	26	10	80	1.0	<2	2.28	<0.5	16	28	65	3.78
KZ05R0154		0.98	0.001	0.5	8.71	5	10	40	<0.5	<2	6.03	<0.5	12	2	75	5.76
CLEAN ROCK 3		0.54	0.002	0.2	2.47	5	<10	130	<0.5	<2	1.41	<0.5	9	22	27	3.11
KZ05R0155		0.72	<0.001	0.2	4.70	29	<10	90	<0.5	4	3.37	<0.5	19	<1	127	10.30
KZ05R0155 DUP		<0.02	<0.001	0.3	5.04	29	<10	100	<0.5	<2	3.44	<0.5	18	1	134	10.65
KZ05R0156		0.40	0.003	<0.2	0.69	40	<10	70	0.5	2	0.70	<0.5	1	17	5	0.29
KZ05R0157		0.62	<0.001	<0.2	2.05	5	<10	50	<0.5	<2	1.28	<0.5	8	8	26	3.52
KZ05R0158		1.02	<0.001	<0.2	2.35	6	<10	200	<0.5	<2	0.82	<0.5	7	8	10	3.22
KZ05R0159		0.62	<0.001	<0.2	1.14	<2	<10	100	<0.5	<2	1.25	<0.5	7	4	11	2.90
KZ05R0160		0.82	0.001	<0.2	2.22	<2	<10	230	<0.5	<2	4.66	<0.5	23	2	104	6.65

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 27-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05058404

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
KZ05R0126		10	<0.01	0.56	10	0.67	583	<1	0.12	5	800	3	0.02	<2	3	77
KZ05R0127		<10	<0.01	0.10	<10	0.22	160	1	0.11	6	700	3	0.05	<2	1	62
KZ05R0128		10	<0.01	0.05	<10	2.99	443	<1	0.10	39	850	<2	0.21	<2	10	57
KZ05R0129		<10	0.05	<0.01	10	2.65	744	3	0.02	19	2320	<2	0.06	10	4	112
KZ05R0130		<10	0.06	0.23	10	1.00	912	<1	0.01	5	60	14	0.16	4	3	287
KZ05R0130 DUP		<10	0.06	0.24	10	0.99	890	<1	0.01	6	60	12	0.15	4	3	284
KZ05R0131		<10	0.16	0.23	10	0.05	175	2	0.03	2	30	22	0.01	5	1	8
KZ05R0132		<10	<0.01	0.04	<10	9.39	992	<1	0.03	10	60	<2	<0.01	<2	2	174
KZ05R0133		10	0.03	0.35	<10	1.35	1085	<1	0.08	19	1130	2	0.05	<2	14	75
KZ05R0134		<10	0.36	0.10	<10	7.15	910	<1	0.02	39	680	<2	0.02	3	15	203
CLEAN ROCK 1		<10	<0.01	0.16	<10	0.89	575	<1	0.21	17	700	3	0.04	<2	7	62
KZ05R0135		<10	25.6	0.01	<10	0.08	631	2	0.01	350	40	<2	0.53	30	7	4
KZ05R0136		10	0.01	0.46	<10	4.50	644	<1	0.05	53	740	<2	0.04	<2	3	33
KZ05R0137		10	0.32	0.27	<10	3.08	507	<1	0.04	94	760	<2	0.03	<2	6	60
KZ05R0138		10	0.03	0.03	10	1.36	684	<1	0.09	36	690	3	0.28	<2	15	39
KZ05R0139		<10	0.08	0.04	<10	8.34	1585	<1	0.03	8	120	<2	<0.01	<2	3	152
KZ05R0140		10	<0.01	0.19	<10	1.94	932	<1	0.10	17	1160	<2	0.01	<2	5	18
KZ05R0141		10	0.01	1.00	<10	5.17	522	<1	0.04	358	640	<2	0.02	<2	3	53
KZ05R0142		10	<0.01	0.96	10	0.98	610	<1	0.13	9	770	2	0.06	<2	5	39
KZ05R0143		10	0.02	0.12	10	0.80	463	<1	0.12	14	990	6	0.02	<2	2	114
KZ05R0144		10	<0.01	0.14	10	0.79	438	5	0.28	2	950	9	0.03	<2	4	199
CLEAN ROCK 2		10	<0.01	0.16	<10	0.76	392	<1	0.23	15	630	2	0.06	<2	6	68
KZ05R0145		10	0.01	0.14	10	0.72	419	1	0.28	3	880	8	0.02	<2	3	200
KZ05R0146		<10	0.02	0.23	10	0.42	110	353	0.02	2	530	106	0.29	8	1	38
KZ05R0147		10	<0.01	0.07	<10	1.93	766	2	0.11	6	900	6	0.01	<2	4	145
KZ05R0148		<10	<0.01	0.34	<10	0.08	40	182	0.05	9	680	74	4.12	2	1	29
KZ05R0149		10	<0.01	0.16	10	0.80	632	2	0.40	2	940	5	0.01	<2	3	237
KZ05R0150		<10	0.02	0.01	<10	0.05	34	1	0.12	3	610	118	2.69	<2	<1	6
KZ05R0151		10	<0.01	0.59	10	0.67	586	1	0.14	5	770	5	0.02	<2	3	86
KZ05R0152		<10	<0.01	0.25	20	0.06	265	1	0.06	1	30	9	0.01	<2	<1	14
KZ05R0153		10	<0.01	0.18	10	0.72	522	4	0.46	58	820	12	0.74	<2	5	326
KZ05R0154		10	<0.01	0.26	<10	1.28	955	<1	0.51	5	350	41	0.14	<2	12	624
CLEAN ROCK 3		10	<0.01	0.19	<10	0.96	442	<1	0.24	21	590	4	0.06	<2	5	104
KZ05R0155		10	0.03	0.54	<10	2.61	1300	<1	0.18	5	130	<2	0.26	5	26	194
KZ05R0155 DUP		10	0.02	0.62	<10	2.70	1270	<1	0.18	10	140	<2	0.30	7	26	232
KZ05R0156		<10	0.01	0.39	20	0.04	161	<1	0.02	<1	30	13	<0.01	<2	<1	18
KZ05R0157		10	0.01	0.10	10	0.45	535	<1	0.27	5	940	11	<0.01	4	4	171
KZ05R0158		10	0.01	0.23	10	0.43	454	<1	0.16	6	940	6	0.02	2	4	192
KZ05R0159		10	0.01	0.08	20	0.85	609	<1	0.09	2	900	3	<0.01	4	5	102
KZ05R0160		10	0.01	0.11	<10	1.21	1255	<1	0.06	5	690	<2	0.02	4	19	162

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 27-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05058404

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
KZ05R0126		0.15	<10	<10	38	<10	50
KZ05R0127		0.09	<10	<10	36	<10	14
KZ05R0128		0.22	<10	<10	150	<10	17
KZ05R0129		<0.01	<10	<10	168	<10	13
KZ05R0130		<0.01	<10	<10	12	<10	22
KZ05R0130 DUP		<0.01	<10	<10	11	<10	20
KZ05R0131		<0.01	<10	<10	2	<10	19
KZ05R0132		<0.01	<10	<10	11	<10	41
KZ05R0133		0.16	<10	<10	166	<10	43
KZ05R0134		<0.01	<10	<10	158	<10	36
CLEAN ROCK 1		0.16	<10	<10	61	<10	50
KZ05R0135		<0.01	<10	<10	50	<10	26
KZ05R0136		0.25	<10	<10	117	<10	43
KZ05R0137		0.23	<10	<10	102	<10	28
KZ05R0138		0.15	<10	<10	193	<10	24
KZ05R0139		<0.01	<10	<10	30	<10	14
KZ05R0140		0.35	<10	<10	163	<10	53
KZ05R0141		0.22	<10	<10	93	<10	40
KZ05R0142		0.24	<10	<10	85	<10	48
KZ05R0143		0.17	<10	<10	35	<10	50
KZ05R0144		0.13	<10	<10	40	<10	53
CLEAN ROCK 2		0.20	<10	<10	97	<10	38
KZ05R0145		0.11	<10	<10	34	<10	54
KZ05R0146		<0.01	<10	<10	22	<10	134
KZ05R0147		0.25	<10	<10	74	<10	65
KZ05R0148		0.06	<10	<10	17	<10	6
KZ05R0149		0.16	<10	<10	46	<10	102
KZ05R0150		<0.01	<10	<10	1	<10	17
KZ05R0151		0.16	<10	<10	40	<10	50
KZ05R0152		0.01	<10	<10	1	<10	88
KZ05R0153		0.09	<10	<10	65	<10	93
KZ05R0154		0.27	<10	<10	272	<10	154
CLEAN ROCK 3		0.24	<10	<10	90	<10	51
KZ05R0155		0.37	<10	20	518	<10	201
KZ05R0155 DUP		0.39	<10	<10	548	<10	210
KZ05R0156		<0.01	<10	<10	2	<10	14
KZ05R0157		0.13	<10	10	91	<10	88
KZ05R0158		0.10	<10	<10	49	<10	53
KZ05R0159		0.05	<10	<10	63	<10	46
KZ05R0160		<0.01	<10	10	140	<10	83

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 27-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05058404

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
KZ05R0161		0.54	0.002	<0.2	4.29	<2	<10	510	<0.5	<2	4.21	<0.5	23	1	114	6.41
KZ05R0162		0.52	0.001	<0.2	4.74	<2	<10	70	<0.5	<2	8.00	<0.5	24	18	132	6.94
KZ05R0163		0.62	<0.001	<0.2	2.25	<2	<10	140	0.6	<2	2.99	<0.5	19	62	29	5.73
CLEAN ROCK 4		0.56	0.002	<0.2	2.03	4	<10	180	<0.5	<2	0.64	<0.5	10	24	49	3.22
KZ05R0164		0.34	0.001	<0.2	5.11	5	<10	170	1.5	<2	2.07	<0.5	15	12	212	4.53
KZ05R0165		0.60	0.002	0.4	2.88	<2	10	50	<0.5	4	7.38	<0.5	25	8	152	6.90
KZ05R0166		0.44	0.001	0.3	2.40	6	<10	30	<0.5	<2	12.50	<0.5	20	17	92	4.63
KZ05R0167		0.42	0.005	0.3	3.76	<2	<10	170	<0.5	<2	2.75	<0.5	37	9	159	9.67
KZ05R0168		0.54	<0.001	<0.2	1.88	2	<10	260	0.5	<2	3.34	<0.5	20	66	39	5.70
KZ05R0169		0.56	<0.001	<0.2	1.65	2	<10	280	0.5	<2	2.98	<0.5	4	1	14	2.58
KZ05R0170		0.50	<0.001	<0.2	1.74	<2	<10	220	0.6	<2	3.35	<0.5	5	4	8	3.05
KZ05R0171		0.72	<0.001	<0.2	0.68	<2	<10	1570	<0.5	<2	0.18	<0.5	1	<1	3	0.85
KZ05R0172		0.68	<0.001	<0.2	3.87	2	<10	210	<0.5	2	4.16	<0.5	25	4	126	7.06
KZ05R0173		1.02	0.001	<0.2	3.15	<2	<10	550	<0.5	<2	4.27	<0.5	26	14	83	6.63
CLEAN ROCK 5		0.56	<0.001	<0.2	3.03	4	<10	80	<0.5	<2	2.28	<0.5	9	28	30	2.81
KZ05R0174		0.62	<0.001	<0.2	1.24	<2	<10	120	<0.5	<2	1.77	<0.5	8	7	18	3.08
KZ05R0175		0.06	1.005	10.7	0.21	<2	10	30	<0.5	<2	0.24	<0.5	1	4	8	2.88
KZ05R0176		0.18	0.002	<0.2	1.20	<2	<10	230	<0.5	<2	0.59	<0.5	4	23	2	2.10
KZ05R0177		0.66	<0.001	0.4	1.24	<2	<10	150	<0.5	<2	0.93	<0.5	6	3	19	2.82
KZ05R0178		0.70	<0.001	<0.2	2.30	<2	<10	100	<0.5	<2	1.27	<0.5	26	100	113	3.40
KZ05R0179		0.74	0.002	<0.2	6.79	5	20	170	1.8	<2	2.35	<0.5	15	10	120	4.48
KZ05R0180		0.50	<0.001	<0.2	2.25	3	<10	250	0.6	<2	1.44	<0.5	6	7	12	2.43
KZ05R0180 DUP		<0.02	<0.001	<0.2	2.21	<2	<10	250	0.7	<2	1.40	<0.5	5	2	10	2.40
KZ05R0181		0.64	<0.001	<0.2	1.66	<2	<10	680	0.6	<2	2.87	<0.5	6	4	11	2.71
KZ05R0182		0.46	0.002	0.5	1.39	6	<10	170	1.0	<2	3.17	<0.5	15	34	107	4.02
CLEAN ROCK 6		0.76	0.001	0.3	2.11	18	<10	90	<0.5	2	1.23	<0.5	13	29	79	3.20
KZ05R0183		0.62	0.001	<0.2	1.03	<2	<10	50	0.7	<2	3.85	<0.5	35	28	150	7.25
KZ05R0184		0.84	0.001	<0.2	2.05	52	<10	30	<0.5	<2	3.14	<0.5	24	28	98	6.22
KZ05R0185		0.54	<0.001	<0.2	0.36	9	<10	50	<0.5	2	1.64	<0.5	6	6	45	8.29
KZ05R0186		0.68	0.034	<0.2	2.91	3	<10	530	<0.5	<2	2.66	<0.5	24	10	281	7.02
KZ05R0187		0.60	<0.001	<0.2	2.53	5	<10	450	0.5	3	2.17	<0.5	19	51	22	5.81
KZ05R0188		0.42	<0.001	0.9	0.71	39	<10	40	0.5	7	1.02	<0.5	50	2	31	22.9
KZ05R0189		0.52	0.002	0.3	3.06	3	<10	530	<0.5	<2	5.49	1.6	31	14	1585	7.48
KZ05R0190		0.76	<0.001	<0.2	2.43	<2	<10	1090	<0.5	<2	1.09	<0.5	7	3	14	3.12
KZ05R0191		0.72	<0.001	<0.2	2.39	3	<10	1530	0.5	<2	2.09	<0.5	11	3	38	4.36
KZ05R0192		0.70	0.003	<0.2	1.68	4	10	50	<0.5	<2	3.79	<0.5	20	7	266	6.70
CLEAN ROCK 7		0.56	<0.001	<0.2	2.36	2	10	70	<0.5	<2	1.39	<0.5	13	85	32	2.63
KZ05R0193		0.50	0.001	<0.2	2.55	6	30	90	0.5	<2	3.99	<0.5	29	23	182	7.64
KZ05R0194		0.74	<0.001	<0.2	1.84	3	<10	50	<0.5	<2	2.67	<0.5	22	7	46	5.24
KZ05R0195		0.60	0.003	<0.2	2.16	4	<10	40	<0.5	<2	2.46	<0.5	30	37	184	7.29

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 27-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05058404

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
KZ05R0161		10	0.01	0.08	<10	2.30	1110	<1	0.09	4	860	<2	0.02	3	19	151
KZ05R0162		10	0.03	0.09	<10	2.81	1100	<1	0.06	16	690	<2	0.11	4	20	494
KZ05R0163		10	0.04	0.18	40	1.67	898	<1	0.07	32	3310	3	0.03	<2	12	91
CLEAN ROCK 4		10	<0.01	0.24	10	0.80	526	<1	0.13	18	580	2	0.20	<2	8	35
KZ05R0164		10	0.03	0.16	10	1.54	824	<1	2.44	14	2330	5	<0.01	2	10	86
KZ05R0165		10	0.02	0.05	<10	2.23	1645	<1	0.09	9	680	<2	0.02	<2	23	51
KZ05R0166		10	0.01	0.08	<10	1.36	1785	<1	0.04	10	740	<2	0.03	2	17	146
KZ05R0167		10	0.01	0.04	<10	3.56	1320	<1	0.06	13	450	<2	0.01	4	31	35
KZ05R0168		10	0.10	0.13	30	1.28	1035	1	0.30	46	2960	7	0.01	<2	13	314
KZ05R0169		10	0.58	0.21	10	0.39	1090	<1	0.05	1	1140	6	<0.01	<2	6	225
KZ05R0170		10	0.41	0.19	10	0.45	869	<1	0.05	1	1140	5	<0.01	<2	6	248
KZ05R0171		<10	1.90	0.24	20	0.03	387	2	0.01	1	70	17	0.03	<2	1	43
KZ05R0172		10	0.19	0.08	<10	2.61	1300	<1	0.14	9	770	<2	0.04	<2	21	342
KZ05R0173		10	0.05	0.09	<10	2.38	1350	<1	0.17	12	710	<2	0.03	<2	27	499
CLEAN ROCK 5		10	0.01	0.10	<10	0.82	735	<1	0.14	17	750	4	0.14	3	7	97
KZ05R0174		10	0.02	0.07	20	0.85	754	<1	0.08	2	900	9	<0.01	<2	6	128
KZ05R0175		<10	0.04	0.01	<10	0.05	33	<1	0.10	2	600	111	2.84	<2	<1	4
KZ05R0176		<10	<0.01	0.56	10	0.63	548	<1	0.10	4	790	<2	<0.01	<2	3	73
KZ05R0177		10	<0.01	0.09	20	1.00	823	<1	0.08	<1	930	3	<0.01	<2	4	78
KZ05R0178		10	<0.01	0.19	<10	2.32	420	<1	0.06	93	680	<2	0.13	2	3	34
KZ05R0179		20	0.03	0.14	10	1.93	929	1	2.9	17	2460	5	0.01	4	9	105
KZ05R0180		10	<0.01	0.13	20	0.51	500	<1	0.12	4	960	14	<0.01	<2	3	238
KZ05R0180 DUP		10	<0.01	0.12	20	0.47	497	<1	0.14	3	980	15	<0.01	2	3	231
KZ05R0181		10	<0.01	0.24	20	0.77	706	<1	0.05	3	910	15	0.01	<2	4	337
KZ05R0182		<10	0.05	0.33	10	0.76	537	1	0.03	50	1180	6	0.55	<2	9	95
CLEAN ROCK 6		10	0.02	0.16	<10	0.79	397	<1	0.15	34	680	4	0.15	<2	5	76
KZ05R0183		<10	0.06	0.20	<10	2.84	956	<1	0.01	21	790	3	0.12	<2	27	128
KZ05R0184		10	0.03	0.11	<10	1.87	1190	<1	0.05	13	660	<2	0.19	<2	23	51
KZ05R0185		<10	0.01	0.05	<10	0.14	1060	2	<0.01	2	100	<2	<0.01	<2	1	17
KZ05R0186		10	<0.01	0.11	<10	1.27	1500	<1	0.04	10	1390	<2	0.01	2	22	30
KZ05R0187		10	0.01	0.14	30	2.73	2270	1	0.11	23	3390	2	0.04	<2	11	110
KZ05R0188		<10	0.07	0.27	<10	0.56	24200	1	0.01	26	620	<2	0.61	<2	27	26
KZ05R0189		10	0.01	0.14	<10	0.79	4190	<1	0.03	12	950	3	0.06	3	29	100
KZ05R0190		10	0.03	0.23	20	1.55	642	<1	0.04	2	890	10	0.01	2	4	57
KZ05R0191		10	0.23	0.15	10	1.17	1160	<1	0.11	2	1100	6	0.03	<2	7	102
KZ05R0192		10	0.11	0.09	10	1.14	907	<1	0.06	11	1480	<2	0.02	<2	14	49
CLEAN ROCK 7		10	0.01	0.12	10	2.00	399	<1	0.18	90	790	<2	0.06	<2	6	86
KZ05R0193		10	0.02	0.07	10	2.53	1430	<1	0.08	26	1350	<2	0.14	2	14	216
KZ05R0194		10	0.02	0.05	20	1.88	1035	1	0.08	20	1630	3	0.05	2	6	135
KZ05R0195		10	0.41	0.03	<10	1.91	827	<1	0.11	34	1300	3	0.41	2	23	152

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 27-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05058404

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
KZ05R0161		<0.01	<10	<10	162	<10	82
KZ05R0162		<0.01	<10	10	215	<10	75
KZ05R0163		0.02	<10	<10	108	<10	104
CLEAN ROCK 4		0.17	<10	<10	74	<10	57
KZ05R0164		0.43	<10	20	247	<10	69
KZ05R0165		0.42	<10	<10	279	<10	80
KZ05R0166		<0.01	<10	10	147	<10	60
KZ05R0167		0.38	10	20	339	<10	112
KZ05R0168		0.11	<10	<10	104	<10	128
KZ05R0169		0.02	<10	10	42	<10	70
KZ05R0170		0.03	<10	10	45	<10	75
KZ05R0171		<0.01	<10	<10	5	<10	44
KZ05R0172		0.06	<10	10	199	<10	103
KZ05R0173		0.06	<10	10	234	<10	69
CLEAN ROCK 5		0.24	<10	10	72	<10	58
KZ05R0174		0.04	<10	<10	67	<10	54
KZ05R0175		<0.01	<10	<10	<1	<10	16
KZ05R0176		0.15	<10	<10	38	<10	48
KZ05R0177		0.03	<10	<10	60	<10	65
KZ05R0178		0.16	<10	10	71	<10	36
KZ05R0179		0.45	<10	30	247	<10	67
KZ05R0180		0.14	<10	10	58	<10	46
KZ05R0180 DUP		0.14	<10	10	60	<10	46
KZ05R0181		<0.01	<10	10	30	<10	97
KZ05R0182		<0.01	<10	10	62	<10	127
CLEAN ROCK 6		0.18	<10	10	106	<10	54
KZ05R0183		<0.01	<10	10	182	<10	90
KZ05R0184		<0.01	<10	10	187	<10	54
KZ05R0185		<0.01	<10	10	26	<10	20
KZ05R0186		0.01	<10	10	223	<10	94
KZ05R0187		0.31	<10	<10	148	<10	116
KZ05R0188		<0.01	<10	10	164	<10	122
KZ05R0189		0.01	<10	10	249	<10	129
KZ05R0190		0.01	<10	<10	48	<10	77
KZ05R0191		0.04	<10	<10	89	<10	102
KZ05R0192		0.30	<10	<10	324	<10	63
CLEAN ROCK 7		0.16	<10	<10	76	<10	45
KZ05R0193		0.09	<10	<10	249	<10	110
KZ05R0194		0.05	<10	10	113	<10	88
KZ05R0195		0.02	<10	<10	236	<10	113

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 27-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05058404

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
KZ05R0196		0.64	0.006	0.2	2.22	8	<10	40	<0.5	<2	2.64	<0.5	34	38	192	7.47
KZ05R0197		0.66	<0.001	<0.2	0.79	<2	<10	710	0.5	<2	4.66	<0.5	6	5	5	2.65
KZ05R0198		0.60	<0.001	0.3	2.78	2	<10	50	<0.5	<2	4.44	<0.5	21	4	133	6.62
KZ05R0199		0.74	<0.001	0.5	1.08	3	<10	30	<0.5	<2	7.53	<0.5	20	20	107	6.46
KZ05R0200		0.08	1.815	19.7	0.20	2	<10	40	<0.5	<2	0.25	<0.5	1	3	6	3.04
KZ05R3151		0.14	0.003	<0.2	1.43	<2	<10	240	<0.5	<2	1.00	<0.5	4	19	6	2.23
KZ05R3152		0.52	<0.001	<0.2	0.11	46	<10	40	0.7	<2	0.61	<0.5	3	14	10	7.11
CLEAN ROCK 8		0.70	<0.001	<0.2	1.91	4	<10	80	<0.5	<2	1.03	<0.5	10	20	24	2.90
KZ05R3153		0.58	<0.001	0.3	1.30	<2	<10	920	<0.5	<2	1.14	<0.5	8	8	15	2.50
KZ05R3154		0.62	0.002	<0.2	1.85	<2	<10	3480	0.6	<2	1.92	<0.5	11	5	12	2.87
KZ05R3155		0.48	<0.001	<0.2	0.93	<2	<10	290	0.5	<2	2.07	<0.5	1	<1	2	0.87
KZ05R3155 DUP		<0.02	<0.001	<0.2	0.83	<2	<10	350	0.5	<2	1.93	<0.5	<1	4	3	0.82
KZ05R3156		0.48	<0.001	<0.2	1.11	<2	<10	200	<0.5	<2	0.24	<0.5	<1	<1	1	0.66
KZ05R3157		0.62	<0.001	<0.2	1.23	3	<10	640	0.5	<2	2.97	<0.5	4	3	13	3.02
KZ05R3158		0.56	<0.001	<0.2	0.62	2	<10	90	<0.5	<2	0.10	<0.5	<1	1	2	0.50
KZ05R3159		0.36	<0.001	<0.2	1.10	<2	<10	130	<0.5	<2	1.91	<0.5	6	9	12	2.72
KZ05R3160		0.58	<0.001	0.2	0.93	<2	<10	150	0.5	<2	4.87	<0.5	5	2	7	2.60
KZ05R3161		0.58	<0.001	<0.2	1.53	<2	<10	180	0.5	<2	1.07	<0.5	6	8	8	2.90
CLEAN ROCK 9		0.58	<0.001	<0.2	2.04	3	<10	80	<0.5	<2	0.96	<0.5	11	23	30	2.88
KZ05R3162		0.46	<0.001	<0.2	1.15	5	<10	50	0.6	<2	5.95	<0.5	5	6	21	3.58
KZ05R3163		0.48	0.001	<0.2	3.97	7	<10	180	<0.5	<2	2.03	<0.5	28	10	115	6.97
KZ05R3164		0.80	0.003	<0.2	0.61	19	<10	780	0.5	<2	11.55	0.8	12	4	95	4.87
KZ05R3165		0.60	0.005	<0.2	0.66	53	<10	70	<0.5	<2	3.69	<0.5	11	28	56	4.33
KZ05R3166		0.60	<0.001	<0.2	1.03	8	<10	170	<0.5	<2	0.44	<0.5	23	1	178	10.30
KZ05R3167		1.08	0.001	<0.2	0.91	40	<10	1600	<0.5	<2	0.25	<0.5	23	1	82	4.36
KZ05R3168		0.60	0.003	0.3	0.68	40	<10	210	<0.5	<2	3.20	<0.5	12	43	41	4.39
KZ05R3169		0.70	0.009	<0.2	0.98	3	<10	210	<0.5	<2	11.05	0.6	16	49	5	3.06
KZ05R3170		0.42	0.001	<0.2	0.99	13	<10	190	<0.5	<2	0.25	<0.5	17	8	86	5.10
KZ05R3171		0.32	0.001	<0.2	1.00	12	<10	570	<0.5	<2	0.51	0.6	20	5	109	5.67
CLEAN ROCK 10		0.70	<0.001	0.2	2.53	10	<10	190	<0.5	<2	1.16	<0.5	10	24	29	2.94
KZ05R3172		0.96	0.004	<0.2	0.78	30	<10	70	<0.5	<2	2.63	<0.5	19	19	16	7.46
KZ05R3173		0.64	<0.001	<0.2	0.62	20	<10	10	<0.5	<2	0.41	<0.5	10	7	84	4.40
KZ05R3174		0.64	0.002	<0.2	0.58	33	<10	180	<0.5	<2	0.22	<0.5	12	4	76	3.62
KZ05R3175		0.08	1.020	10.9	0.21	2	10	30	<0.5	<2	0.25	<0.5	1	5	9	3.11

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 27-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05058404

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
KZ05R0196		10	0.54	0.03	<10	1.94	866	<1	0.11	37	1460	<2	0.56	3	23	155
KZ05R0197		<10	0.03	0.29	20	0.94	1225	<1	0.04	2	920	10	0.02	<2	5	179
KZ05R0198		10	0.16	0.07	<10	1.76	1355	<1	0.06	4	1110	<2	0.14	3	17	150
KZ05R0199		<10	9.14	0.10	<10	2.67	1880	<1	0.01	17	820	<2	0.12	7	23	198
KZ05R0200		<10	0.05	0.01	<10	0.05	114	<1	0.10	2	630	131	3.00	<2	<1	5
KZ05R3151		10	0.01	0.59	10	0.76	577	<1	0.14	4	790	3	<0.01	<2	3	99
KZ05R3152		<10	0.19	0.01	<10	0.18	440	4	<0.01	3	360	<2	<0.01	2	4	27
CLEAN ROCK 8		10	0.02	0.15	<10	0.78	423	<1	0.15	16	540	3	0.02	<2	6	39
KZ05R3153		<10	0.61	0.15	10	0.20	697	<1	0.09	6	890	5	0.02	<2	4	93
KZ05R3154		10	1.65	0.27	10	0.40	444	<1	0.09	7	750	4	0.09	<2	5	213
KZ05R3155		<10	0.15	0.27	20	0.10	438	2	0.03	1	150	19	0.02	<2	2	68
KZ05R3155 DUP		<10	0.17	0.24	20	0.10	415	2	0.02	<1	150	17	0.02	<2	2	67
KZ05R3156		<10	0.02	0.27	20	0.22	265	<1	0.03	1	180	7	<0.01	<2	1	17
KZ05R3157		<10	0.07	0.18	10	0.14	1310	<1	0.05	1	1110	7	0.04	<2	4	178
KZ05R3158		<10	0.65	0.19	20	0.02	111	1	0.02	1	40	13	<0.01	<2	1	10
KZ05R3159		10	0.01	0.08	20	0.78	702	<1	0.07	2	890	7	<0.01	<2	5	233
KZ05R3160		<10	0.01	0.14	20	0.91	714	<1	0.04	3	850	22	<0.01	<2	3	510
KZ05R3161		10	<0.01	0.18	20	0.86	704	<1	0.06	3	930	4	<0.01	<2	5	46
CLEAN ROCK 9		10	<0.01	0.19	<10	0.89	484	<1	0.15	16	660	<2	0.07	2	6	62
KZ05R3162		<10	0.01	0.14	10	2.19	1035	3	0.04	16	800	8	0.16	<2	4	332
KZ05R3163		10	0.04	0.23	<10	2.44	1365	<1	0.07	10	700	<2	0.11	3	17	43
KZ05R3164		<10	0.25	0.04	10	4.09	6030	<1	0.02	4	110	6	0.02	8	7	299
KZ05R3165		<10	0.07	0.14	<10	1.35	1150	<1	0.03	21	680	3	0.01	3	9	150
KZ05R3166		<10	0.02	0.14	<10	0.08	714	<1	<0.01	5	1340	15	<0.01	18	16	21
KZ05R3167		<10	2.65	0.12	<10	0.40	1085	<1	<0.01	4	680	6	0.14	26	14	37
KZ05R3168		<10	0.10	0.23	<10	1.14	844	<1	0.03	24	960	11	0.03	3	11	146
KZ05R3169		<10	0.04	0.03	10	5.46	1915	1	0.02	150	270	5	0.01	<2	9	419
KZ05R3170		<10	0.76	0.03	<10	0.52	960	<1	<0.01	6	450	4	0.18	38	12	42
KZ05R3171		<10	0.96	0.03	<10	0.62	1120	1	<0.01	11	460	8	0.14	48	13	46
CLEAN ROCK 10		10	0.03	0.32	<10	1.10	465	1	0.19	19	620	<2	0.12	2	5	67
KZ05R3172		<10	0.57	0.30	<10	1.17	1970	1	<0.01	13	620	7	0.31	5	17	27
KZ05R3173		<10	0.40	0.11	<10	0.25	921	<1	<0.01	3	940	<2	0.04	3	11	10
KZ05R3174		<10	0.84	0.07	<10	0.04	1180	<1	<0.01	4	800	2	<0.01	9	11	8
KZ05R3175		<10	0.03	0.01	<10	0.05	35	<1	0.11	3	620	129	2.90	<2	<1	5

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 27-JUL-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05058404

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
KZ05R0196		0.02	<10	<10	235	<10	117
KZ05R0197		<0.01	<10	10	28	<10	112
KZ05R0198		0.03	<10	<10	178	<10	104
KZ05R0199		<0.01	<10	10	226	<10	80
KZ05R0200		<0.01	<10	<10	1	<10	20
KZ05R3151		0.16	<10	<10	41	<10	49
KZ05R3152		<0.01	<10	<10	24	<10	52
CLEAN ROCK 8		0.16	<10	<10	55	<10	50
KZ05R3153		0.02	<10	<10	39	<10	46
KZ05R3154		0.02	<10	10	44	<10	73
KZ05R3155		<0.01	<10	<10	2	<10	24
KZ05R3155 DUP		<0.01	<10	<10	2	<10	23
KZ05R3156		<0.01	<10	<10	2	<10	40
KZ05R3157		0.01	<10	10	33	<10	45
KZ05R3158		<0.01	<10	<10	2	<10	9
KZ05R3159		0.04	<10	<10	57	<10	47
KZ05R3160		0.02	<10	10	44	<10	54
KZ05R3161		0.03	<10	<10	51	<10	53
CLEAN ROCK 9		0.19	<10	<10	67	<10	53
KZ05R3162		<0.01	<10	10	27	<10	44
KZ05R3163		0.16	<10	10	158	<10	84
KZ05R3164		<0.01	<10	10	51	<10	83
KZ05R3165		<0.01	<10	10	80	<10	50
KZ05R3166		0.02	<10	<10	151	<10	93
KZ05R3167		<0.01	<10	<10	51	<10	85
KZ05R3168		<0.01	<10	<10	88	<10	76
KZ05R3169		<0.01	<10	<10	77	<10	186
KZ05R3170		<0.01	<10	<10	107	<10	94
KZ05R3171		<0.01	<10	<10	120	<10	132
CLEAN ROCK 10		0.15	<10	<10	72	<10	54
KZ05R3172		<0.01	<10	<10	89	<10	164
KZ05R3173		<0.01	<10	<10	62	<10	50
KZ05R3174		0.01	<10	<10	56	<10	46
KZ05R3175		<0.01	<10	<10	1	<10	19

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

CERTIFICATE VA05061067

Project: KIZMET-5

P.O. No.:

This report is for 164 Rock samples submitted to our lab in Vancouver, BC, Canada on 25-JUL-2005.

The following have access to data associated with this certificate:

ROBERT BROWN ACCOUNTS PAYABLE	BARRICK KIZMET	RICHARD MANN

SAMPLE PREPARATION

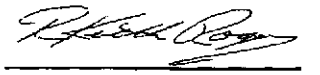
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
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: 

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

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
KZ05R0201		0.30	<0.001	<0.2	1.32	<2	<10	230	<0.5	<2	0.65	<0.5	3	47	2	2.10
KZ05R0202		1.10	<0.001	<0.2	0.06	3	<10	20	<0.5	<2	1.10	<0.5	1	13	2	1.04
KZ05R0203		0.54	0.001	<0.2	1.38	5	<10	190	<0.5	<2	3.49	<0.5	11	43	99	2.74
KZ05R0204		1.10	0.009	0.4	0.56	13	<10	230	<0.5	<2	3.77	<0.5	4	12	37	2.35
KZ05R0205		1.00	<0.001	<0.2	0.74	<2	<10	110	0.7	<2	1.42	<0.5	2	23	3	1.87
KZ05R0205 DUP		<0.02	<0.001	<0.2	0.72	2	<10	140	0.7	<2	1.36	<0.5	2	5	2	1.92
KZ05R0206		0.84	0.007	<0.2	0.85	<2	<10	90	<0.5	<2	10.85	<0.5	22	8	1	6.60
KZ05R0207		0.96	0.001	<0.2	1.22	<2	<10	50	<0.5	<2	4.27	<0.5	8	15	23	2.13
KZ05R0208		0.60	0.002	0.3	2.23	90	<10	170	<0.5	<2	0.21	<0.5	3	17	38	4.05
KZ05R0209		0.72	<0.001	<0.2	3.13	<2	<10	40	<0.5	<2	2.20	<0.5	25	51	49	5.74
CLEAN ROCK 1		0.40	<0.001	<0.2	2.58	<2	<10	80	<0.5	<2	1.52	<0.5	11	63	32	2.78
KZ05R0210		0.84	0.009	<0.2	0.80	5	<10	90	0.7	<2	1.13	<0.5	4	6	5	2.09
KZ05R0211		0.72	0.003	<0.2	0.65	<2	10	60	0.5	<2	0.06	<0.5	<1	30	1	0.68
KZ05R0212		0.58	0.058	0.4	0.92	12	<10	270	<0.5	<2	4.14	<0.5	16	7	52	5.22
KZ05R0213		0.62	0.003	<0.2	2.27	13	20	150	<0.5	<2	1.09	<0.5	15	58	146	4.30
KZ05R0214		0.82	0.001	0.5	1.88	27	<10	240	<0.5	<2	0.12	<0.5	15	18	106	3.53
KZ05R0215		0.80	0.001	0.3	0.58	<2	<10	250	<0.5	<2	1.92	<0.5	4	162	36	1.65
KZ05R0216		0.58	0.002	0.5	0.58	<2	<10	150	<0.5	2	0.05	<0.5	2	15	15	1.78
KZ05R0217		0.46	0.006	1.6	2.22	25	<10	100	<0.5	<2	0.28	0.7	30	56	226	9.97
KZ05R0218		0.88	<0.001	<0.2	4.59	19	<10	50	0.9	<2	3.07	<0.5	33	6	15	9.66
KZ05R0224		0.56	0.005	<0.2	2.45	8	<10	210	0.8	<2	1.62	<0.5	9	38	21	3.92
CLEAN ROCK 2		0.36	<0.001	<0.2	3.26	4	<10	70	<0.5	<2	1.70	<0.5	11	28	44	4.36
KZ05R0225		0.08	0.930	11.2	0.22	<2	10	30	<0.5	<2	0.24	<0.5	1	5	8	2.97
KZ05R0226		0.22	0.003	<0.2	1.32	<2	<10	230	<0.5	2	0.70	<0.5	4	111	3	2.41
KZ05R0227		0.54	<0.001	<0.2	2.47	<2	<10	200	0.5	<2	0.90	<0.5	6	7	18	3.01
KZ05R0228		1.08	<0.001	<0.2	2.90	42	10	210	0.6	<2	1.36	<0.5	9	50	24	4.02
KZ05R0229		0.80	<0.001	<0.2	2.20	13	<10	70	<0.5	2	0.63	<0.5	4	14	25	3.45
KZ05R0230		0.56	0.001	<0.2	1.91	13	<10	50	<0.5	<2	0.57	<0.5	4	65	6	3.56
KZ05R0230 DUP		<0.02	0.001	<0.2	2.00	16	<10	60	<0.5	<2	0.59	<0.5	4	16	6	3.64
KZ05R0231		0.74	0.001	<0.2	3.06	49	10	160	0.7	<2	0.37	<0.5	13	42	2	5.11
KZ05R0232		0.88	<0.001	<0.2	3.16	79	<10	170	<0.5	<2	0.87	1.0	10	110	10	4.20
KZ05R0233		0.88	0.001	0.3	1.66	89	<10	10	0.5	2	1.82	1.9	10	65	87	4.13
CLEAN ROCK 3		0.34	0.016	<0.2	1.62	3	<10	80	<0.5	<2	1.18	<0.5	6	24	57	2.48
KZ05R0234		0.76	0.007	0.7	1.30	1405	<10	180	0.5	2	0.30	<0.5	18	30	31	3.87
KZ05R0235		0.56	0.001	<0.2	0.04	7	<10	<10	<0.5	<2	22.0	<0.5	<1	4	<1	0.06
KZ05R0236		0.52	<0.001	<0.2	3.83	32	10	80	0.6	<2	1.90	0.9	9	48	27	4.78
KZ05R0237		0.66	0.001	<0.2	2.39	166	10	30	<0.5	<2	0.98	<0.5	25	68	81	6.07
KZ05R1126		0.14	<0.001	<0.2	1.32	<2	<10	230	<0.5	<2	0.70	<0.5	4	150	3	2.53
KZ05R1127		0.78	<0.001	<0.2	0.94	6	<10	360	0.6	<2	4.41	<0.5	7	3	11	3.71
KZ05R1128		0.62	<0.001	<0.2	4.57	<2	10	240	<0.5	<2	3.97	<0.5	31	13	78	7.56

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

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
KZ05R0201		10	<0.01	0.61	10	0.62	538	<1	0.15	5	740	3	<0.01	<2	2	86
KZ05R0202		<10	<0.01	0.02	<10	0.16	232	<1	<0.01	4	140	<2	0.01	<2	<1	29
KZ05R0203		<10	0.01	0.12	<10	0.78	835	<1	0.06	8	350	2	0.01	<2	6	236
KZ05R0204		<10	0.01	0.21	<10	0.28	919	1	0.03	15	270	8	0.12	<2	3	98
KZ05R0205		<10	<0.01	0.44	30	0.28	693	3	0.11	3	550	8	0.07	<2	2	68
KZ05R0205 DUP		<10	0.01	0.43	20	0.25	690	3	0.10	<1	550	5	0.07	<2	2	62
KZ05R0206		<10	0.01	0.31	<10	3.59	1775	<1	0.06	16	400	6	<0.01	2	4	260
KZ05R0207		<10	0.01	0.04	<10	0.69	690	1	0.04	5	340	<2	<0.01	<2	3	163
KZ05R0208		10	0.02	0.29	10	1.26	219	1	0.05	10	690	3	0.15	2	4	12
KZ05R0209		10	0.01	0.11	<10	1.72	630	<1	0.05	29	1440	<2	0.02	<2	4	48
CLEAN ROCK 1		10	<0.01	0.15	<10	1.00	390	<1	0.27	29	560	<2	0.05	3	4	76
KZ05R0210		<10	<0.01	0.38	20	0.16	702	3	0.09	5	570	10	0.10	<2	2	24
KZ05R0211		<10	<0.01	0.38	10	0.02	192	<1	0.11	1	30	16	<0.01	<2	1	6
KZ05R0212		<10	0.01	0.37	<10	0.93	1365	<1	0.05	9	970	8	0.42	2	7	113
KZ05R0213		10	<0.01	0.21	<10	1.13	590	1	0.08	13	1200	<2	0.28	<2	4	97
KZ05R0214		10	<0.01	0.20	10	0.71	406	1	0.03	46	230	3	0.03	<2	3	12
KZ05R0215		<10	0.01	0.15	<10	0.43	581	1	0.02	13	240	2	0.01	4	2	38
KZ05R0216		<10	<0.01	0.10	<10	0.36	213	<1	0.02	2	150	53	0.04	<2	2	4
KZ05R0217		10	0.01	0.32	<10	1.98	1410	7	0.07	9	730	12	0.79	<2	14	25
KZ05R0218		20	0.02	0.01	10	3.86	1505	<1	0.04	6	2220	<2	0.05	2	36	143
KZ05R0224		10	0.01	0.37	20	0.68	555	<1	0.15	7	520	16	0.43	<2	4	153
CLEAN ROCK 2		10	0.01	0.13	<10	1.17	712	<1	0.17	14	450	<2	0.12	<2	9	66
KZ05R0225		<10	0.05	0.01	<10	0.05	34	1	0.12	2	630	120	3.00	<2	<1	5
KZ05R0226		10	<0.01	0.59	10	0.64	583	1	0.13	7	790	5	<0.01	<2	2	91
KZ05R0227		10	<0.01	0.13	10	0.71	549	<1	0.26	8	890	5	<0.01	<2	4	267
KZ05R0228		10	<0.01	0.31	10	0.64	830	2	0.23	16	910	5	0.57	2	5	223
KZ05R0229		10	<0.01	0.02	10	1.57	781	<1	0.19	7	1140	29	0.39	3	6	94
KZ05R0230		10	<0.01	0.07	10	0.93	437	2	0.20	7	960	2	0.64	<2	4	99
KZ05R0230 DUP		10	<0.01	0.07	10	0.97	448	2	0.21	7	970	6	0.66	2	5	104
KZ05R0231		10	<0.01	0.42	20	1.00	687	2	0.02	74	180	4	<0.01	<2	7	33
KZ05R0232		10	<0.01	0.33	10	1.28	1425	1	0.18	101	1020	25	0.11	<2	7	102
KZ05R0233		10	0.01	0.20	<10	0.06	263	1	<0.01	22	1300	31	0.01	15	3	90
CLEAN ROCK 3		10	0.02	0.28	<10	0.62	361	<1	0.12	10	350	3	0.05	2	5	91
KZ05R0234		<10	0.01	0.36	20	0.27	421	85	0.03	16	720	58	0.13	4	2	32
KZ05R0235		<10	0.01	<0.01	<10	12.20	103	<1	0.01	2	300	<2	<0.01	<2	<1	79
KZ05R0236		10	0.01	0.07	10	1.24	1285	4	0.35	30	990	27	0.37	2	3	385
KZ05R0237		10	<0.01	0.04	<10	1.85	1060	1	0.11	24	1040	7	0.77	<2	12	32
KZ05R1126		10	<0.01	0.59	10	0.63	595	1	0.14	8	770	4	<0.01	<2	2	95
KZ05R1127		<10	0.38	0.15	20	0.30	872	1	0.07	4	810	20	0.08	<2	7	210
KZ05R1128		10	0.01	0.08	<10	3.75	832	<1	0.10	15	510	<2	0.01	<2	27	267

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
KZ05R0201		0.15	10	<10	37	<10	45
KZ05R0202		<0.01	<10	<10	3	<10	11
KZ05R0203		0.10	<10	<10	71	<10	40
KZ05R0204		<0.01	<10	<10	13	<10	41
KZ05R0205		<0.01	<10	<10	6	<10	34
KZ05R0205 DUP		<0.01	10	<10	5	<10	33
KZ05R0206		<0.01	10	<10	34	<10	114
KZ05R0207		0.17	10	<10	62	<10	32
KZ05R0208		<0.01	10	<10	27	<10	73
KZ05R0209		0.49	<10	<10	200	<10	70
CLEAN ROCK 1		0.21	10	<10	65	<10	46
KZ05R0210		0.03	<10	<10	16	<10	45
KZ05R0211		<0.01	<10	<10	<1	<10	18
KZ05R0212		<0.01	10	<10	38	<10	80
KZ05R0213		0.37	10	<10	67	<10	63
KZ05R0214		<0.01	<10	<10	24	<10	91
KZ05R0215		<0.01	<10	<10	11	<10	36
KZ05R0216		<0.01	10	<10	11	<10	26
KZ05R0217		0.17	<10	<10	213	<10	126
KZ05R0218		0.47	10	<10	374	<10	142
KZ05R0224		0.03	<10	<10	57	<10	44
CLEAN ROCK 2		0.22	<10	<10	116	<10	67
KZ05R0225		<0.01	10	<10	1	<10	16
KZ05R0226		0.17	10	<10	40	<10	47
KZ05R0227		0.14	<10	<10	68	<10	56
KZ05R0228		0.11	<10	<10	66	<10	51
KZ05R0229		0.19	10	<10	92	<10	64
KZ05R0230		0.13	10	<10	90	<10	30
KZ05R0230 DUP		0.13	10	<10	94	<10	31
KZ05R0231		0.01	10	<10	81	<10	120
KZ05R0232		0.16	<10	<10	96	<10	304
KZ05R0233		0.08	<10	<10	29	<10	409
CLEAN ROCK 3		0.12	10	<10	51	<10	39
KZ05R0234		<0.01	<10	<10	27	<10	27
KZ05R0235		<0.01	<10	<10	9	<10	3
KZ05R0236		0.13	<10	<10	75	<10	178
KZ05R0237		0.27	<10	<10	176	<10	57
KZ05R1126		0.16	<10	<10	40	<10	48
KZ05R1127		0.01	10	10	57	<10	76
KZ05R1128		0.06	10	<10	268	<10	80

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

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
KZ05R1129		1.02	0.001	0.3	2.74	4	<10	240	<0.5	2	3.64	<0.5	14	5	91	4.63
KZ05R1130		0.48	<0.001	<0.2	0.92	<2	10	400	<0.5	<2	0.23	<0.5	1	21	4	1.01
KZ05R1130 DUP		<0.02	0.001	<0.2	0.84	<2	10	450	<0.5	<2	0.17	<0.5	<1	2	3	0.94
CLEAN ROCK 4		0.36	0.001	<0.2	1.74	7	10	140	<0.5	<2	1.09	<0.5	8	89	25	2.43
KZ05R1131		0.54	<0.001	<0.2	1.54	20	<10	160	0.9	<2	0.90	<0.5	3	7	15	1.22
KZ05R1132		0.94	<0.001	<0.2	1.76	<2	<10	120	<0.5	<2	1.21	<0.5	9	24	17	3.88
KZ05R1133		0.68	<0.001	<0.2	3.86	<2	<10	140	0.6	<2	2.96	<0.5	7	3	9	3.19
KZ05R1134		1.00	<0.001	<0.2	1.54	<2	<10	210	0.5	<2	1.35	<0.5	10	25	11	3.76
KZ05R1135		0.66	<0.001	<0.2	1.81	<2	<10	580	<0.5	<2	1.46	<0.5	11	2	7	4.28
KZ05R1136		0.80	<0.001	<0.2	1.42	<2	<10	270	0.5	<2	0.57	<0.5	5	18	7	2.66
KZ05R1137		0.56	<0.001	<0.2	0.65	<2	<10	270	<0.5	<2	0.78	<0.5	6	16	15	2.03
KZ05R1138		1.24	<0.001	<0.2	0.95	4	<10	920	0.5	<2	0.52	<0.5	3	47	10	0.90
KZ05R1139		0.92	<0.001	<0.2	2.92	58	<10	80	<0.5	<2	0.50	<0.5	24	1	101	7.47
KZ05R1140		0.74	<0.001	<0.2	0.51	6	<10	1350	<0.5	<2	0.03	<0.5	2	122	4	0.68
CLEAN ROCK 5		0.40	<0.001	<0.2	1.71	<2	<10	60	<0.5	<2	1.10	<0.5	9	34	12	2.67
KZ05R1141		0.92	0.002	<0.2	3.58	2	10	220	<0.5	<2	6.98	<0.5	24	19	152	6.63
KZ05R1142		0.88	0.003	0.4	3.05	6	<10	2050	<0.5	<2	1.36	<0.5	26	8	185	6.58
KZ05R1143		0.62	<0.001	<0.2	2.85	5	<10	200	0.7	<2	2.29	<0.5	5	3	13	3.09
KZ05R1144		0.82	<0.001	<0.2	1.67	3	<10	210	<0.5	2	1.20	<0.5	12	14	28	3.68
KZ05R1145		0.72	<0.001	<0.2	1.00	<2	<10	420	<0.5	<2	11.70	0.9	11	51	26	2.70
KZ05R1146		0.58	<0.001	<0.2	0.71	<2	<10	140	<0.5	<2	10.05	0.8	12	53	20	2.51
KZ05R1147		0.98	<0.001	0.3	1.36	37	<10	200	<0.5	<2	12.20	3.1	7	74	23	1.83
KZ05R1148		0.78	<0.001	<0.2	1.38	16	<10	70	<0.5	<2	5.32	2.3	9	47	12	1.93
KZ05R1149		0.80	<0.001	<0.2	0.98	9	<10	180	0.5	<2	0.88	<0.5	7	21	12	3.00
KZ05R1150		0.08	1.260	<0.2	0.23	2	<10	20	<0.5	<2	0.14	<0.5	1	2	2	0.39
CLEAN ROCK 6		0.50	0.004	<0.2	1.02	5	<10	90	<0.5	<2	0.44	<0.5	8	74	14	2.21
KZ05R1151		0.20	0.001	<0.2	1.28	<2	<10	230	<0.5	<2	0.68	<0.5	5	88	3	2.28
KZ05R1152		0.76	<0.001	<0.2	1.47	3	<10	150	<0.5	<2	2.17	<0.5	7	2	12	2.90
KZ05R1153		0.66	0.011	0.8	1.56	25	<10	40	<0.5	<2	0.24	1.4	13	29	233	4.57
KZ05R1154		0.90	0.004	<0.2	0.46	12	<10	50	<0.5	<2	0.04	<0.5	3	12	11	1.06
KZ05R1155		1.00	<0.001	<0.2	1.10	14	<10	680	<0.5	<2	0.22	<0.5	8	61	50	1.22
KZ05R1155 DUP		<0.02	<0.001	<0.2	0.70	14	<10	730	<0.5	<2	0.21	<0.5	7	10	48	1.80
KZ05R1156		1.40	0.002	<0.2	2.63	50	<10	30	<0.5	<2	1.65	<0.5	29	6	201	6.97
KZ05R1157		0.92	0.002	<0.2	1.51	5	<10	200	<0.5	<2	0.44	<0.5	7	12	16	2.69
KZ05R1158		0.94	0.003	<0.2	3.57	2	<10	30	<0.5	<2	1.72	<0.5	20	106	68	2.70
KZ05R1159		0.82	<0.001	<0.2	1.66	<2	<10	200	<0.5	<2	0.31	<0.5	3	11	21	2.82
CLEAN ROCK 7		0.38	<0.001	<0.2	1.74	6	<10	70	<0.5	<2	0.96	<0.5	8	47	23	2.98
KZ05R1160		1.02	<0.001	<0.2	1.40	3	<10	140	<0.5	<2	0.57	<0.5	5	7	7	2.85
KZ05R1161		0.92	<0.001	<0.2	2.40	3	<10	150	<0.5	<2	0.08	<0.5	9	29	45	4.20
KZ05R1162		0.84	0.096	<0.2	0.93	325	<10	230	<0.5	<2	0.20	<0.5	3	8	7	1.63

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

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
KZ05R1129		10	0.01	0.19	<10	0.71	742	<1	0.39	4	820	<2	0.01	4	22	405
KZ05R1130		<10	0.04	0.28	10	0.13	62	3	0.06	3	110	8	0.02	<2	2	33
KZ05R1130 DUP		<10	0.04	0.29	20	0.02	55	3	0.06	2	100	6	0.02	<2	1	34
CLEAN ROCK 4		10	0.03	0.18	<10	0.61	351	1	0.12	16	400	9	0.13	<2	6	52
KZ05R1131		<10	<0.01	0.26	10	0.11	408	4	0.22	9	970	18	0.01	2	1	151
KZ05R1132		10	<0.01	0.32	20	0.69	727	<1	0.26	5	1060	4	<0.01	<2	5	110
KZ05R1133		10	0.02	0.14	20	0.89	851	<1	0.21	<1	1040	5	<0.01	<2	6	191
KZ05R1134		10	<0.01	0.16	20	0.61	612	1	0.28	5	1120	3	<0.01	<2	6	116
KZ05R1135		10	0.02	0.33	20	0.87	1250	<1	0.16	<1	1020	5	0.01	<2	6	69
KZ05R1136		10	0.02	0.35	20	0.70	463	<1	0.16	4	810	5	<0.01	<2	5	85
KZ05R1137		<10	0.03	0.21	10	0.24	315	1	0.09	17	370	6	0.04	<2	6	44
KZ05R1138		<10	2.86	0.28	10	0.12	193	<1	0.09	2	270	3	0.02	5	2	72
KZ05R1139		10	3.73	0.11	<10	1.60	1410	<1	0.06	6	1810	<2	0.06	16	16	12
KZ05R1140		<10	1.28	0.02	<10	0.01	97	1	<0.01	3	50	3	0.04	5	1	24
CLEAN ROCK 5		10	0.05	0.15	10	0.90	506	<1	0.14	18	430	7	0.02	<2	6	36
KZ05R1141		10	0.03	0.15	<10	1.21	1715	<1	0.18	15	600	<2	0.02	<2	17	117
KZ05R1142		10	0.02	0.16	<10	1.89	1105	<1	0.06	11	610	<2	0.05	62	17	46
KZ05R1143		10	0.02	0.21	20	0.63	723	<1	0.19	3	990	11	<0.01	<2	5	148
KZ05R1144		10	0.01	0.26	20	1.08	689	<1	0.16	6	1190	10	<0.01	2	5	108
KZ05R1145		<10	0.06	0.05	<10	5.62	1620	1	0.01	74	210	14	0.02	5	5	485
KZ05R1146		<10	0.03	0.04	<10	4.72	1220	<1	0.01	90	240	9	0.01	2	6	370
KZ05R1147		<10	0.01	0.10	<10	1.08	1615	<1	0.02	72	210	16	0.11	6	4	1370
KZ05R1148		<10	0.01	0.13	10	1.21	798	<1	0.03	77	320	7	<0.01	2	4	512
KZ05R1149		10	<0.01	0.13	20	0.70	638	1	0.19	2	1060	14	<0.01	2	4	57
KZ05R1150		<10	0.01	0.02	<10	0.07	37	<1	0.10	1	360	2	<0.01	2	1	6
CLEAN ROCK 6		<10	0.01	0.17	<10	1.58	451	<1	0.08	82	380	4	0.03	<2	3	25
KZ05R1151		10	<0.01	0.56	10	0.61	577	1	0.14	5	780	5	<0.01	<2	3	84
KZ05R1152		10	0.01	0.21	10	0.59	699	1	0.11	<1	1040	3	<0.01	2	3	64
KZ05R1153		<10	0.59	0.03	<10	0.23	1675	<1	0.02	6	550	4	0.04	118	16	20
KZ05R1154		<10	0.82	0.03	<10	0.04	168	<1	0.01	4	40	2	0.05	5	2	4
KZ05R1155		<10	2.27	0.04	<10	0.05	765	<1	0.01	5	890	<2	0.04	20	5	22
KZ05R1155 DUP		<10	2.15	0.03	<10	0.05	905	<1	0.01	4	870	2	0.04	20	6	22
KZ05R1156		10	2.63	0.09	<10	1.70	945	5	0.11	<1	1320	5	0.35	8	20	53
KZ05R1157		10	0.02	0.17	10	0.69	681	1	0.06	15	540	5	0.01	<2	5	19
KZ05R1158		10	0.06	0.04	<10	1.92	378	<1	0.20	65	220	<2	<0.01	3	5	48
KZ05R1159		10	<0.01	0.26	10	0.85	746	<1	0.04	6	290	3	<0.01	<2	4	29
CLEAN ROCK 7		10	0.02	0.15	10	0.79	508	1	0.19	14	980	5	<0.01	2	5	43
KZ05R1160		10	<0.01	0.43	10	0.62	491	<1	0.09	2	1020	3	<0.01	3	5	35
KZ05R1161		10	<0.01	0.25	10	1.34	1035	<1	0.05	17	220	3	<0.01	2	3	8
KZ05R1162		<10	<0.01	0.31	10	0.17	603	1	0.02	9	170	4	0.03	6	1	5

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
KZ05R1129		0.02	<10	<10	111	<10	96
KZ05R1130		<0.01	10	<10	10	<10	17
KZ05R1130 DUP		<0.01	<10	<10	5	<10	16
CLEAN ROCK 4		0.15	<10	<10	53	<10	42
KZ05R1131		0.01	<10	<10	16	<10	49
KZ05R1132		0.29	<10	<10	102	<10	55
KZ05R1133		0.18	10	<10	68	<10	75
KZ05R1134		0.27	10	<10	95	<10	68
KZ05R1135		0.11	<10	<10	84	<10	86
KZ05R1136		0.05	10	<10	52	<10	52
KZ05R1137		<0.01	10	<10	24	<10	19
KZ05R1138		0.04	<10	<10	20	<10	18
KZ05R1139		0.01	10	<10	166	<10	122
KZ05R1140		<0.01	<10	<10	6	<10	6
CLEAN ROCK 5		0.16	<10	<10	56	<10	39
KZ05R1141		0.22	10	<10	260	<10	72
KZ05R1142		0.02	10	<10	145	<10	90
KZ05R1143		0.24	10	<10	73	10	65
KZ05R1144		0.29	10	<10	102	<10	79
KZ05R1145		<0.01	10	<10	41	<10	126
KZ05R1146		<0.01	<10	<10	43	<10	130
KZ05R1147		<0.01	<10	<10	36	<10	75
KZ05R1148		<0.01	<10	<10	29	<10	59
KZ05R1149		0.25	<10	<10	62	<10	79
KZ05R1150		<0.01	<10	<10	1	<10	4
CLEAN ROCK 6		0.08	<10	<10	30	<10	37
KZ05R1151		0.17	<10	<10	40	<10	46
KZ05R1152		0.03	<10	<10	48	<10	70
KZ05R1153		<0.01	<10	<10	101	<10	102
KZ05R1154		<0.01	<10	<10	13	<10	9
KZ05R1155		<0.01	<10	<10	30	<10	16
KZ05R1155 DUP		<0.01	<10	<10	28	<10	17
KZ05R1156		0.35	<10	<10	209	<10	92
KZ05R1157		0.20	<10	<10	28	<10	60
KZ05R1158		0.16	<10	<10	63	<10	33
KZ05R1159		0.13	<10	<10	27	<10	53
CLEAN ROCK 7		0.24	<10	<10	51	<10	57
KZ05R1160		0.30	<10	<10	57	<10	53
KZ05R1161		0.01	<10	<10	24	<10	92
KZ05R1162		<0.01	<10	<10	12	<10	38

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	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	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
KZ05R1163		1.30	0.001	<0.2	1.64	2	<10	210	<0.5	<2	0.89	<0.5	11	43	47	2.36
KZ05R1164		1.00	<0.001	<0.2	0.54	6	<10	190	<0.5	<2	0.69	<0.5	2	12	2	1.10
KZ05R1165		0.74	<0.001	0.2	1.88	30	<10	60	<0.5	<2	0.58	0.6	9	89	94	2.97
KZ05R1166		0.60	0.003	0.7	3.97	13	<10	140	<0.5	<2	2.40	<0.5	17	4	40	7.97
KZ05R1167		1.16	0.001	0.3	1.68	146	<10	490	0.6	<2	0.45	<0.5	7	100	40	2.38
KZ05R1168		0.84	<0.001	<0.2	1.08	3	<10	190	0.6	<2	0.32	<0.5	2	1	3	0.96
KZ05R1169		0.76	<0.001	<0.2	0.61	2	<10	20	1.2	<2	0.07	<0.5	<1	54	2	0.53
CLEAN ROCK 8		0.46	<0.001	<0.2	1.52	3	<10	60	<0.5	<2	1.04	<0.5	8	35	27	2.48
KZ05R1170		0.84	<0.001	0.3	2.39	2	<10	350	0.6	<2	0.52	<0.5	5	11	13	2.11
KZ05R1171		0.90	0.009	<0.2	0.84	2	<10	530	<0.5	<2	0.55	<0.5	2	2	2	1.06
KZ05R1172		0.54	<0.001	<0.2	0.85	<2	<10	450	<0.5	<2	0.47	<0.5	1	13	2	1.10
KZ05R1173		0.66	<0.001	<0.2	0.93	<2	<10	100	0.5	<2	0.21	<0.5	1	2	1	1.42
KZ05R1174		0.88	<0.001	<0.2	1.06	<2	<10	170	0.7	<2	0.43	<0.5	2	28	6	1.90
KZ05R1175		0.08	0.977	11.6	0.21	2	10	30	<0.5	<2	0.23	<0.5	1	4	8	2.79
KZ05R1176		0.26	0.003	<0.2	1.15	2	<10	210	<0.5	<2	0.58	<0.5	3	10	3	2.44
KZ05R1177		0.90	<0.001	<0.2	0.70	<2	<10	160	<0.5	<2	0.99	<0.5	2	50	3	1.26
KZ05R1178		0.90	<0.001	<0.2	0.45	2	<10	40	0.7	<2	0.11	<0.5	<1	6	2	0.74
KZ05R1179		0.92	<0.001	<0.2	0.95	3	<10	220	0.5	<2	0.15	<0.5	2	36	4	1.42
CLEAN ROCK 9		0.50	<0.001	<0.2	1.96	7	<10	90	<0.5	<2	1.22	<0.5	6	27	25	2.76
KZ05R1180		0.60	<0.001	<0.2	0.46	<2	<10	80	<0.5	<2	0.06	<0.5	1	2	2	0.63
KZ05R1180 DUP		<0.02	<0.001	<0.2	0.42	<2	<10	80	<0.5	<2	0.06	<0.5	1	2	4	0.62
KZ05R1181		0.78	<0.001	<0.2	1.14	<2	<10	620	<0.5	<2	0.58	<0.5	1	3	2	1.22
KZ05R1182		0.92	<0.001	<0.2	0.69	2	<10	130	0.5	<2	0.21	<0.5	1	1	4	0.90
KZ05R1183		0.72	<0.001	<0.2	1.10	2	<10	180	1.2	<2	0.28	<0.5	2	3	7	2.05
KZ05R1184		0.76	<0.001	<0.2	0.33	<2	<10	20	0.7	<2	0.02	<0.5	<1	2	2	0.51
KZ05R1185		0.72	<0.001	<0.2	0.37	<2	<10	30	1.0	<2	0.04	<0.5	<1	4	1	0.61
KZ05R1186		0.68	<0.001	<0.2	0.52	<2	<10	230	<0.5	<2	0.08	<0.5	<1	2	1	0.85
KZ05R1187		1.12	0.002	<0.2	0.20	38	<10	20	<0.5	<2	4.12	<0.5	60	499	4	5.23
KZ05R1188		0.76	<0.001	<0.2	0.30	<2	<10	20	2.5	<2	0.28	<0.5	<1	5	1	0.48
CLEAN ROCK 10		0.52	<0.001	<0.2	1.48	4	<10	80	<0.5	<2	1.08	<0.5	6	27	19	2.34
KZ05R1189		0.70	<0.001	<0.2	0.80	6	<10	80	<0.5	<2	0.43	<0.5	5	12	13	2.55
KZ05R1190		0.60	<0.001	<0.2	0.51	2	<10	140	0.5	<2	0.74	<0.5	2	5	6	1.84
KZ05R1191		0.64	<0.001	<0.2	0.46	2	<10	130	<0.5	<2	0.25	<0.5	2	6	9	1.96
KZ05R1192		1.28	<0.001	<0.2	3.37	5	<10	120	0.6	<2	1.76	<0.5	6	7	9	2.30
KZ05R1193		0.74	<0.001	<0.2	0.57	4	<10	90	<0.5	<2	0.30	<0.5	2	7	6	1.98
KZ05R1194		0.72	<0.001	<0.2	2.84	16	10	70	0.5	<2	2.19	<0.5	6	11	23	2.49
KZ05R1195		0.70	<0.001	<0.2	3.48	7	<10	70	0.6	<2	1.92	<0.5	6	20	15	3.71
KZ05R1196		0.48	<0.001	<0.2	4.58	5	10	70	0.6	<2	2.45	<0.5	10	24	15	4.50
KZ05R2176		0.16	<0.001	<0.2	1.12	<2	<10	220	<0.5	<2	0.60	<0.5	4	11	3	2.56
KZ05R2177		0.52	<0.001	<0.2	3.27	4	<10	200	0.5	<2	4.47	<0.5	24	25	188	6.22

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

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
KZ05R1163		10	<0.01	0.26	10	1.00	353	<1	0.13	22	840	2	<0.01	2	5	29
KZ05R1164		<10	<0.01	0.12	10	0.29	201	<1	0.04	11	100	2	<0.01	2	1	23
KZ05R1165		10	0.01	0.15	<10	0.95	706	2	0.17	34	260	7	0.11	5	9	67
KZ05R1166		20	0.01	0.29	20	2.13	1605	2	0.07	10	4460	6	0.47	2	14	80
KZ05R1167		10	<0.01	0.57	<10	0.59	220	1	0.11	17	180	5	0.42	6	5	59
KZ05R1168		10	0.11	0.41	30	0.18	139	4	0.11	<1	290	23	<0.01	<2	3	13
KZ05R1169		<10	0.02	0.25	10	0.02	211	1	0.08	3	20	17	<0.01	<2	2	8
CLEAN ROCK 8		10	<0.01	0.13	<10	0.85	492	<1	0.18	18	500	2	0.01	3	7	49
KZ05R1170		10	<0.01	0.50	30	0.32	586	<1	1.12	1	650	9	<0.01	2	4	43
KZ05R1171		<10	<0.01	0.28	20	0.10	244	2	1.34	<1	270	14	<0.01	<2	3	104
KZ05R1172		<10	<0.01	0.29	20	0.10	201	2	1.07	<1	280	15	<0.01	2	3	92
KZ05R1173		<10	<0.01	0.17	30	0.13	241	<1	0.15	1	260	11	<0.01	2	2	20
KZ05R1174		<10	<0.01	0.41	30	0.13	364	1	0.12	1	490	14	<0.01	<2	4	18
KZ05R1175		<10	0.04	0.01	<10	0.05	33	1	0.12	2	620	114	2.79	2	<1	6
KZ05R1176		10	<0.01	0.51	10	0.61	575	<1	0.10	5	790	4	<0.01	2	3	75
KZ05R1177		<10	<0.01	0.21	20	0.14	424	1	0.14	1	400	9	<0.01	<2	2	29
KZ05R1178		<10	0.01	0.17	10	0.01	273	1	0.42	2	10	19	<0.01	<2	2	17
KZ05R1179		<10	0.01	0.28	40	0.10	233	1	0.19	2	390	17	<0.01	<2	2	20
CLEAN ROCK 9		10	<0.01	0.23	10	0.71	393	1	0.13	14	630	3	0.02	<2	4	57
KZ05R1180		<10	<0.01	0.21	40	0.03	131	<1	0.10	<1	130	24	<0.01	<2	2	9
KZ05R1180 DUP		<10	<0.01	0.20	40	0.03	129	<1	0.10	1	130	24	<0.01	<2	2	9
KZ05R1181		<10	<0.01	0.25	30	0.07	191	<1	0.44	<1	290	17	<0.01	<2	3	265
KZ05R1182		<10	<0.01	0.26	30	0.06	47	<1	0.09	1	520	18	<0.01	<2	3	14
KZ05R1183		<10	<0.01	0.35	30	0.19	192	4	0.08	1	500	15	<0.01	<2	4	18
KZ05R1184		<10	<0.01	0.20	20	0.01	275	1	0.07	<1	20	19	<0.01	<2	2	3
KZ05R1185		<10	<0.01	0.24	10	0.01	179	1	0.05	1	20	26	<0.01	<2	1	6
KZ05R1186		<10	<0.01	0.22	20	0.05	64	<1	0.09	<1	170	8	<0.01	<2	1	11
KZ05R1187		<10	0.42	<0.01	<10	12.65	1275	1	0.01	854	30	<2	0.26	7	5	94
KZ05R1188		<10	<0.01	0.22	20	0.03	434	<1	0.05	3	10	14	<0.01	<2	2	7
CLEAN ROCK 10		<10	0.01	0.18	10	0.91	627	<1	0.08	20	760	5	<0.01	2	5	31
KZ05R1189		<10	<0.01	0.37	20	0.49	286	5	0.10	5	600	18	0.10	<2	3	17
KZ05R1190		<10	<0.01	0.07	30	0.17	298	<1	0.02	2	510	11	0.04	<2	4	10
KZ05R1191		<10	<0.01	0.14	20	0.26	305	<1	0.07	2	480	17	<0.01	<2	2	14
KZ05R1192		10	<0.01	0.19	10	0.34	370	<1	0.41	5	690	7	<0.01	<2	3	404
KZ05R1193		<10	<0.01	0.12	20	0.29	246	2	0.07	2	500	7	0.01	<2	1	13
KZ05R1194		10	<0.01	0.12	10	0.42	304	1	0.20	6	1520	7	<0.01	11	3	535
KZ05R1195		10	<0.01	0.19	10	0.32	335	1	0.42	9	1120	7	<0.01	<2	5	343
KZ05R1196		10	<0.01	0.21	10	0.49	420	1	0.59	10	1180	6	<0.01	2	7	451
KZ05R2176		<10	<0.01	0.49	10	0.63	585	1	0.08	5	810	4	<0.01	<2	3	69
KZ05R2177		10	0.07	0.12	<10	0.93	1265	<1	0.28	15	870	2	<0.01	<2	19	217

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
KZ05R1163		0.15	<10	<10	74	<10	31
KZ05R1164		<0.01	<10	<10	18	<10	13
KZ05R1165		0.16	<10	<10	91	<10	82
KZ05R1166		0.09	<10	<10	99	<10	157
KZ05R1167		0.10	<10	<10	32	<10	29
KZ05R1168		0.01	<10	<10	7	<10	45
KZ05R1169		<0.01	<10	10	1	<10	25
CLEAN ROCK 8		0.21	<10	<10	69	<10	34
KZ05R1170		0.03	<10	<10	26	<10	58
KZ05R1171		0.07	<10	<10	10	<10	36
KZ05R1172		0.07	<10	<10	11	<10	32
KZ05R1173		0.01	<10	<10	5	<10	51
KZ05R1174		0.03	<10	<10	20	<10	38
KZ05R1175		<0.01	<10	<10	1	<10	16
KZ05R1176		0.16	<10	<10	36	<10	45
KZ05R1177		0.03	<10	<10	12	<10	30
KZ05R1178		0.02	<10	10	1	<10	21
KZ05R1179		0.01	<10	<10	8	<10	79
CLEAN ROCK 9		0.17	<10	<10	57	<10	41
KZ05R1180		<0.01	<10	<10	3	<10	36
KZ05R1180 DUP		<0.01	<10	<10	3	<10	36
KZ05R1181		0.02	<10	<10	8	<10	48
KZ05R1182		0.01	<10	<10	17	<10	18
KZ05R1183		0.03	<10	<10	20	<10	54
KZ05R1184		0.02	<10	10	1	<10	15
KZ05R1185		<0.01	<10	<10	1	<10	17
KZ05R1186		0.01	<10	<10	3	<10	15
KZ05R1187		<0.01	<10	<10	11	<10	13
KZ05R1188		<0.01	<10	<10	<1	<10	4
CLEAN ROCK 10		0.21	<10	<10	46	<10	106
KZ05R1189		0.16	<10	<10	58	<10	28
KZ05R1190		0.01	<10	<10	23	<10	28
KZ05R1191		0.10	<10	<10	28	<10	48
KZ05R1192		0.08	<10	<10	34	<10	29
KZ05R1193		0.12	<10	<10	29	<10	25
KZ05R1194		0.12	<10	<10	52	<10	23
KZ05R1195		0.09	<10	<10	85	<10	19
KZ05R1196		0.12	<10	<10	104	<10	24
KZ05R2176		0.14	<10	<10	37	<10	45
KZ05R2177		0.17	<10	<10	256	<10	66

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

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
CLEAN ROCK 11		0.52	<0.001	<0.2	1.80	<2	<10	60	<0.5	<2	0.87	<0.5	9	19	26	2.84
KZ05R2178		0.48	0.039	1.3	0.77	8	<10	50	<0.5	<2	1.94	<0.5	18	6	6730	4.10
KZ05R2179		0.60	0.003	<0.2	2.28	5	<10	50	<0.5	<2	2.16	<0.5	31	150	98	4.81
KZ05R2180		0.50	<0.001	<0.2	0.54	19	<10	60	<0.5	<2	2.96	<0.5	15	12	138	5.58
KZ05R2180 DUP		<0.02	<0.001	<0.2	0.57	25	<10	80	<0.5	<2	2.95	<0.5	17	13	111	5.54
KZ05R2181		0.54	<0.001	<0.2	0.73	8	<10	60	0.7	<2	3.47	<0.5	18	10	387	5.38
KZ05R2182		0.44	<0.001	<0.2	0.43	2	<10	200	<0.5	<2	9.95	<0.5	50	85	57	5.21
KZ05R2183		0.84	<0.001	0.7	0.52	21	<10	140	<0.5	<2	4.73	<0.5	6	2	47	3.43
KZ05R2184		0.70	<0.001	<0.2	3.70	3	<10	150	<0.5	<2	5.27	<0.5	58	381	71	5.57
KZ05R2185		0.52	0.002	<0.2	0.26	160	<10	850	<0.5	<2	0.87	<0.5	21	45	32	1.14
KZ05R2212		0.08	1.290	<0.2	0.24	<2	<10	20	<0.5	<2	0.16	<0.5	<1	2	2	0.42
CLEAN ROCK 12		0.42	0.022	0.2	1.57	8	<10	80	<0.5	<2	0.95	<0.5	6	19	20	2.07
KZ05R3176		0.20	<0.001	<0.2	1.04	3	<10	210	<0.5	<2	0.58	<0.5	4	13	3	2.23
KZ05R3177		1.00	0.003	<0.2	0.44	13	<10	1780	<0.5	<2	1.95	<0.5	12	2	34	3.63
KZ05R3178		0.62	0.001	<0.2	3.33	184	<10	100	<0.5	<2	8.34	<0.5	17	47	104	4.47
KZ05R3179		0.56	<0.001	<0.2	1.60	5	<10	380	<0.5	<2	1.10	<0.5	24	103	39	5.24
KZ05R3180		0.54	0.001	<0.2	2.94	5	<10	80	<0.5	2	3.18	<0.5	27	15	142	7.11
KZ05R3180 DUP		<0.02	0.002	<0.2	3.04	3	10	80	<0.5	2	3.31	<0.5	27	16	148	7.39
KZ05R3181		0.84	0.005	<0.2	0.66	4	<10	60	<0.5	<2	2.89	<0.5	25	5	130	7.15
KZ05R3182		0.64	0.002	<0.2	0.31	2	<10	10	<0.5	<2	20.1	<0.5	4	1	78	2.84
KZ05R3183		0.56	0.009	<0.2	5.94	3	10	450	<0.5	<2	4.49	<0.5	30	22	164	7.09
KZ05R3184		0.68	0.004	<0.2	0.52	2	<10	540	<0.5	<2	3.18	<0.5	25	5	156	7.62
CLEAN ROCK 13		0.32	0.001	<0.2	1.30	5	<10	80	<0.5	<2	1.00	<0.5	7	29	17	2.30
KZ05R3185		0.72	0.233	0.2	3.12	27	<10	50	0.5	<2	1.40	<0.5	23	168	30	4.07
KZ05R3186		0.48	0.001	<0.2	2.92	4	<10	50	<0.5	<2	2.75	<0.5	23	65	30	4.64
KZ05R3187		0.60	<0.001	<0.2	0.38	3	<10	130	<0.5	<2	0.43	<0.5	1	28	3	1.14
KZ05R3188		0.60	<0.001	<0.2	1.34	4	<10	40	<0.5	<2	0.31	<0.5	5	19	12	3.24
KZ05R3189		0.54	<0.001	<0.2	1.72	3	<10	60	0.8	<2	1.05	<0.5	14	61	23	4.08
KZ05R3190		0.48	0.001	<0.2	3.07	10	<10	40	<0.5	<2	1.40	<0.5	26	47	125	4.61
KZ05R3191		0.56	0.005	0.4	0.25	29	<10	140	<0.5	<2	1.78	<0.5	2	7	26	1.57
KZ05R3192		0.74	<0.001	<0.2	3.39	5	<10	570	0.6	<2	5.07	<0.5	24	73	23	5.66
KZ05R3193		0.44	<0.001	<0.2	3.57	10	<10	330	0.6	2	1.67	<0.5	10	14	47	3.90
KZ05R3194		0.68	<0.001	<0.2	0.46	11	<10	150	0.5	<2	0.15	<0.5	5	3	37	2.10
CLEAN ROCK 14		0.32	<0.001	<0.2	2.08	5	<10	160	<0.5	<2	1.39	<0.5	8	28	56	2.45
KZ05R3195		0.62	<0.001	<0.2	1.52	4	<10	110	<0.5	<2	1.02	<0.5	12	18	14	3.98
KZ05R3196		0.76	<0.001	<0.2	1.44	3	<10	100	<0.5	<2	1.02	<0.5	11	18	21	4.01
KZ05R3197		0.46	<0.001	<0.2	0.47	6	<10	100	<0.5	2	0.09	<0.5	2	4	42	1.36
KZ05R3198		0.72	0.009	<0.2	0.74	3	<10	180	<0.5	2	0.17	<0.5	2	5	3	1.56
KZ05R3199		0.92	<0.001	<0.2	1.95	3	<10	130	0.5	<2	0.86	<0.5	6	7	8	4.19
KZ05R3200		0.08	1.815	21.3	0.21	3	<10	40	<0.5	<2	0.27	<0.5	<1	4	5	3.27

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

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
CLEAN ROCK 11		<10	0.03	0.12	<10	1.03	337	1	0.10	13	540	2	<0.01	<2	4	41
KZ05R2178		<10	0.18	0.14	<10	0.12	1390	1	0.01	8	1180	5	0.03	17	19	17
KZ05R2179		10	0.01	0.05	<10	2.95	890	<1	0.03	109	1160	2	<0.01	<2	9	71
KZ05R2180		<10	0.52	0.12	<10	0.67	1405	<1	0.02	18	730	<2	0.02	11	18	42
KZ05R2180 DUP		<10	0.45	0.12	<10	0.68	1430	1	0.02	17	730	<2	0.02	11	18	43
KZ05R2181		<10	0.02	0.39	10	1.13	1155	<1	0.02	14	1520	2	0.01	<2	15	81
KZ05R2182		<10	0.34	0.24	<10	5.60	854	<1	0.01	274	580	<2	0.01	<2	19	269
KZ05R2183		<10	1.37	0.20	10	1.10	1160	7	0.01	8	550	9	0.18	10	3	36
KZ05R2184		10	0.02	0.09	<10	9.41	1165	<1	0.01	676	500	2	<0.01	<2	23	164
KZ05R2185		<10	0.27	0.05	<10	0.47	167	1	<0.01	190	30	6	0.11	8	3	37
KZ05R2212		<10	0.01	0.02	<10	0.08	39	<1	0.10	2	380	2	<0.01	<2	1	6
CLEAN ROCK 12		<10	0.03	0.14	<10	0.62	453	1	0.12	23	420	19	0.07	5	4	61
KZ05R3176		<10	0.01	0.46	10	0.64	539	<1	0.07	10	740	4	<0.01	2	2	60
KZ05R3177		<10	0.49	0.05	<10	0.40	977	<1	0.01	2	440	<2	0.09	<2	8	132
KZ05R3178		10	0.27	0.10	<10	1.71	1555	2	0.21	24	740	5	1.30	11	13	104
KZ05R3179		<10	0.02	0.06	<10	1.25	564	1	0.31	57	410	<2	0.08	<2	4	61
KZ05R3180		10	0.22	0.04	10	2.46	1180	1	0.07	20	960	4	0.05	<2	19	71
KZ05R3180 DUP		10	0.25	0.05	10	2.49	1225	<1	0.07	20	1020	4	0.05	<2	20	75
KZ05R3181		<10	0.02	0.14	<10	2.10	1885	1	0.09	9	1100	4	0.42	<2	20	218
KZ05R3182		<10	0.01	0.04	10	0.40	2890	<1	0.01	2	1260	4	<0.01	2	15	806
KZ05R3183		10	0.33	0.08	10	2.19	1480	1	2.7	22	1030	5	0.28	<2	26	198
KZ05R3184		<10	0.03	0.16	10	2.18	812	<1	0.04	14	1150	2	0.10	<2	18	323
CLEAN ROCK 13		<10	0.01	0.15	10	0.85	428	1	0.08	36	830	4	<0.01	<2	4	48
KZ05R3185		<10	<0.01	0.14	<10	3.37	384	<1	0.01	83	200	2	<0.01	<2	12	43
KZ05R3186		10	<0.01	0.06	10	2.60	815	1	0.15	18	890	5	0.15	<2	7	59
KZ05R3187		<10	<0.01	0.05	<10	0.33	267	<1	0.04	5	190	<2	<0.01	<2	4	13
KZ05R3188		10	<0.01	0.04	10	0.86	582	1	0.06	6	550	15	<0.01	<2	7	11
KZ05R3189		10	<0.01	0.08	20	1.79	782	<1	0.07	31	1600	12	0.01	3	7	36
KZ05R3190		<10	<0.01	0.01	<10	2.57	603	<1	0.03	67	470	<2	<0.01	2	6	44
KZ05R3191		<10	<0.01	0.08	<10	0.11	285	<1	0.01	8	120	3	0.12	3	1	28
KZ05R3192		10	0.01	0.21	20	2.55	1005	1	0.18	71	2090	5	0.25	2	17	483
KZ05R3193		10	0.01	0.96	<10	1.19	598	<1	0.27	8	460	3	0.06	4	11	170
KZ05R3194		<10	<0.01	0.10	20	0.04	343	1	0.03	2	540	16	0.03	<2	3	9
CLEAN ROCK 14		10	0.02	0.12	<10	0.58	333	1	0.18	24	480	3	0.17	<2	4	92
KZ05R3195		10	<0.01	0.45	10	0.95	317	1	0.16	7	1170	13	<0.01	<2	3	48
KZ05R3196		10	<0.01	0.38	10	0.92	322	2	0.15	7	1220	13	0.01	<2	3	47
KZ05R3197		<10	0.01	0.12	20	0.04	318	1	0.01	1	130	7	<0.01	<2	1	6
KZ05R3198		<10	<0.01	0.10	20	0.37	245	<1	0.05	2	500	18	0.02	<2	1	11
KZ05R3199		10	<0.01	0.13	10	0.73	487	<1	0.20	3	990	4	<0.01	2	6	142
KZ05R3200		<10	0.05	0.01	<10	0.06	131	1	0.12	5	700	143	3.12	<2	<1	6

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CLEAN ROCK 11		0.15	<10	<10	66	<10	39
KZ05R2178		<0.01	<10	<10	147	<10	60
KZ05R2179		0.13	<10	<10	139	<10	81
KZ05R2180		<0.01	<10	<10	120	<10	65
KZ05R2180 DUP		<0.01	<10	<10	125	<10	66
KZ05R2181		<0.01	<10	<10	164	<10	47
KZ05R2182		<0.01	<10	<10	67	<10	41
KZ05R2183		<0.01	<10	<10	22	<10	47
KZ05R2184		<0.01	<10	<10	120	<10	65
KZ05R2185		<0.01	<10	<10	13	<10	12
KZ05R2212		<0.01	<10	<10	1	<10	3
CLEAN ROCK 12		0.11	<10	<10	44	<10	39
KZ05R3176		0.14	<10	<10	35	<10	45
KZ05R3177		<0.01	<10	<10	64	<10	44
KZ05R3178		0.03	<10	<10	134	<10	46
KZ05R3179		0.45	<10	<10	126	<10	88
KZ05R3180		0.16	<10	<10	272	<10	94
KZ05R3180 DUP		0.16	<10	<10	281	<10	96
KZ05R3181		<0.01	<10	<10	135	<10	106
KZ05R3182		0.01	<10	<10	87	<10	33
KZ05R3183		0.11	<10	10	278	<10	88
KZ05R3184		<0.01	<10	<10	120	<10	86
CLEAN ROCK 13		0.19	<10	<10	43	<10	47
KZ05R3185		<0.01	<10	<10	108	<10	37
KZ05R3186		0.23	<10	<10	117	<10	66
KZ05R3187		0.09	<10	<10	32	<10	14
KZ05R3188		0.01	<10	<10	70	<10	56
KZ05R3189		0.33	<10	<10	86	<10	85
KZ05R3190		0.24	<10	<10	118	<10	56
KZ05R3191		<0.01	<10	<10	4	<10	34
KZ05R3192		0.05	<10	<10	132	<10	83
KZ05R3193		0.21	<10	<10	104	<10	72
KZ05R3194		<0.01	<10	<10	18	<10	34
CLEAN ROCK 14		0.11	<10	<10	55	<10	32
KZ05R3195		0.24	<10	<10	132	<10	57
KZ05R3196		0.23	<10	<10	129	<10	49
KZ05R3197		<0.01	<10	<10	8	<10	26
KZ05R3198		0.01	<10	<10	18	<10	44
KZ05R3199		0.15	<10	10	93	<10	54
KZ05R3200		<0.01	<10	<10	1	<10	22

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	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	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
KZ05R3201		0.26	0.011	<0.2	1.12	<2	<10	240	<0.5	<2	0.61	<0.5	4	10	2	2.41
KZ05R3202		0.70	0.002	<0.2	0.80	<2	<10	160	0.8	<2	1.32	<0.5	2	5	4	2.27
KZ05R3203		0.90	<0.001	<0.2	0.97	7	<10	360	1.4	<2	4.55	<0.5	9	19	8	2.51

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

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
KZ05R3201		<10	<0.01	0.53	10	0.66	597	<1	0.08	5	850	4	<0.01	<2	3	65
KZ05R3202		<10	<0.01	0.14	30	0.27	403	<1	0.03	2	520	15	<0.01	<2	4	33
KZ05R3203		<10	<0.01	0.19	10	0.41	1460	1	0.01	15	510	6	<0.01	<2	7	100

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-AUG-2005
Account: ATC

Project: KIZMET-5

CERTIFICATE OF ANALYSIS VA05061067

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
KZ05R3201		0.15	<10	<10	39	<10	50
KZ05R3202		0.02	<10	<10	27	<10	45
KZ05R3203		<0.01	<10	<10	33	<10	57

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-AUG-2005
Account: ATC

CERTIFICATE VA05064726

Project: KIZMET-2052

P.O. No.: KZ-6

This report is for 127 Rock samples submitted to our lab in Vancouver, BC, Canada on 4-AUG-2005.

The following have access to data associated with this certificate:

ROBERT BROWN ACCOUNTS PAYABLE	BARRICK KIZMET	RICHARD MANN

SAMPLE PREPARATION

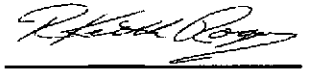
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Zn-AA46	Ore grade Zn - 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: 

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064726

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
KZ05R0278		0.26	0.001	<0.2	1.03	4	<10	210	<0.5	<2	0.50	<0.5	4	10	3	2.06
KZ05R0238		0.56	0.002	<0.2	1.82	5	<10	90	<0.5	<2	3.04	<0.5	7	2	1	2.97
KZ05R0239		0.72	0.002	<0.2	1.56	7	<10	190	<0.5	<2	1.21	<0.5	8	2	11	3.54
KZ05R0240		0.86	0.003	0.2	1.09	27	<10	100	<0.5	<2	1.09	<0.5	3	6	3	2.04
KZ05R0241		0.76	0.002	<0.2	1.13	157	10	110	<0.5	<2	0.10	<0.5	3	5	6	1.87
KZ05R0242		0.62	<0.001	<0.2	0.87	11	<10	80	<0.5	<2	1.15	<0.5	3	10	5	1.32
KZ05R0243		0.68	0.002	<0.2	1.00	46	<10	100	<0.5	<2	0.02	<0.5	1	17	6	2.97
KZ05R0243DUP		<0.02		<0.2	1.09	46	<10	110	<0.5	<2	0.03	<0.5	1	18	6	3.06
KZ05R0244		0.54	0.002	<0.2	2.95	3	<10	40	<0.5	<2	4.03	<0.5	28	14	131	8.36
CLEAN ROCK 1		<0.02	0.002	<0.2	1.36	3	<10	100	<0.5	<2	0.81	<0.5	6	14	30	2.37
KZ05R0245		0.64	0.001	<0.2	2.95	3	<10	50	<0.5	<2	4.11	<0.5	28	15	135	8.23
KZ05R0246		0.96	0.004	<0.2	1.04	42	<10	70	<0.5	<2	1.24	<0.5	4	8	9	2.13
KZ05R0247		0.74	0.019	0.3	0.99	72	<10	110	<0.5	<2	0.03	<0.5	1	7	7	1.96
KZ05R0248		0.86	0.005	<0.2	2.11	10	10	160	0.7	<2	3.23	<0.5	10	33	42	3.46
KZ05R0249		1.28	0.007	<0.2	1.56	152	<10	80	<0.5	<2	0.22	<0.5	6	7	10	2.63
KZ05R0250		0.08	1.710	20.7	0.20	5	<10	40	<0.5	<2	0.26	<0.5	1	4	6	3.08
KZ05R0251		0.28	0.004	<0.2	1.18	<2	<10	230	<0.5	<2	0.61	<0.5	4	10	3	2.12
KZ05R0252		0.86	0.004	<0.2	2.81	7	<10	80	0.6	<2	3.45	<0.5	17	28	35	5.40
KZ05R0253		0.74	0.006	<0.2	2.79	61	<10	70	0.7	<2	2.55	<0.5	21	54	112	6.18
CLEAN ROCK 2		<0.02	0.001	<0.2	2.19	4	<10	100	<0.5	<2	1.20	<0.5	11	11	26	3.36
KZ05R0254		0.90	0.011	<0.2	1.93	16	<10	80	0.5	<2	0.49	<0.5	11	54	29	3.87
KZ05R0255		0.50	0.020	<0.2	2.52	19	<10	50	0.5	<2	1.86	<0.5	18	70	200	5.41
KZ05R0256		0.64	0.003	0.2	1.73	16	<10	80	0.5	<2	1.55	0.6	6	5	37	3.12
KZ05R0257		0.60	0.004	<0.2	2.39	9	<10	20	0.8	<2	2.58	<0.5	2	47	15	2.19
KZ05R0258		0.44	0.005	<0.2	4.28	14	<10	310	0.5	<2	0.98	<0.5	16	83	63	5.06
KZ05R0259		0.48	0.001	<0.2	1.96	42	<10	140	<0.5	<2	0.84	<0.5	9	7	11	4.04
KZ05R0260		0.54	<0.001	<0.2	1.26	3	<10	230	<0.5	<2	1.23	<0.5	7	3	11	3.11
KZ05R0261		0.80	0.003	<0.2	0.16	10	<10	260	<0.5	<2	0.07	<0.5	1	22	11	1.63
KZ05R0262		0.58	0.006	<0.2	0.52	30	<10	1560	0.6	<2	0.21	<0.5	7	8	11	3.74
CLEAN ROCK 3		<0.02	0.001	<0.2	1.98	3	10	180	<0.5	<2	1.12	<0.5	7	9	21	3.05
KZ05R0263		0.78	0.006	0.2	2.47	11	<10	140	<0.5	<2	2.53	<0.5	27	2	156	7.93
KZ05R0264		0.44	0.014	0.3	2.69	19	<10	130	<0.5	<2	0.28	<0.5	37	4	45	7.63
KZ05R0265		0.84	0.005	0.2	2.46	15	<10	30	0.6	<2	3.00	1.0	26	2	147	7.12
KZ05R0266		0.98	0.004	<0.2	0.89	25	<10	230	<0.5	<2	0.47	<0.5	18	1	126	7.75
KZ05R0267		0.52	0.003	<0.2	2.02	31	<10	660	<0.5	<2	2.72	<0.5	23	3	178	7.98
KZ05R0268		0.68	0.001	<0.2	1.83	28	<10	580	<0.5	<2	1.30	<0.5	9	<1	9	3.80
KZ05R0269		0.60	0.002	0.3	1.14	10	10	470	<0.5	<2	0.23	<0.5	7	7	193	5.01
KZ05R0270		0.68	0.001	<0.2	1.93	<2	<10	150	0.6	<2	3.04	<0.5	7	1	12	2.90
KZ05R0271		0.56	<0.001	<0.2	1.85	2	<10	140	0.6	<2	3.19	<0.5	7	1	14	2.91
CLEAN ROCK 4		<0.02	<0.001	<0.2	1.38	<2	<10	100	<0.5	<2	0.41	<0.5	5	17	13	2.42

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064726

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
KZ05R0278		<10	<0.01	0.50	10	0.58	525	<1	0.06	4	770	4	0.01	<2	2	63
KZ05R0238		<10	0.02	0.21	10	0.88	1645	<1	0.02	1	850	10	0.31	<2	2	113
KZ05R0239		10	<0.01	0.32	10	0.80	867	<1	0.11	1	940	6	0.01	<2	4	49
KZ05R0240		<10	0.05	0.18	<10	0.56	1225	<1	<0.01	2	210	4	0.03	<2	1	32
KZ05R0241		<10	0.02	0.38	10	0.14	278	<1	0.06	1	230	4	0.03	4	1	14
KZ05R0242		<10	0.01	0.25	<10	0.23	502	<1	0.09	3	170	4	0.02	2	2	47
KZ05R0243		<10	0.03	0.30	10	0.12	110	3	0.07	1	200	5	0.15	5	2	9
KZ05R0243DUP		<10	0.03	0.34	10	0.13	116	3	0.08	1	210	2	0.15	6	3	10
KZ05R0244		10	0.02	0.03	<10	2.35	1520	<1	0.09	10	560	<2	0.06	<2	31	75
CLEAN ROCK 1		<10	0.01	0.26	10	0.46	375	<1	0.20	13	600	7	<0.01	<2	6	35
KZ05R0245		10	0.02	0.02	<10	2.32	1480	<1	0.10	8	540	2	0.07	<2	33	77
KZ05R0246		<10	0.09	0.24	10	0.22	403	1	0.06	5	360	8	0.72	<2	3	41
KZ05R0247		<10	0.05	0.21	10	0.15	87	1	<0.01	1	250	7	0.23	<2	1	9
KZ05R0248		<10	0.05	0.31	20	1.25	642	1	0.05	36	1230	14	1.02	<2	8	112
KZ05R0249		10	1.33	0.20	10	0.64	421	1	<0.01	1	590	6	0.01	<2	3	8
KZ05R0250		<10	0.16	0.01	<10	0.05	124	1	0.11	5	660	127	2.89	2	<1	6
KZ05R0251		<10	0.01	0.52	10	0.64	543	<1	0.10	4	810	4	0.01	<2	3	70
KZ05R0252		10	0.02	0.10	10	2.02	1050	<1	0.05	12	1330	6	0.06	<2	16	46
KZ05R0253		10	0.03	0.11	10	2.24	1125	1	0.09	27	1330	3	0.53	4	19	87
CLEAN ROCK 2		10	0.01	0.16	<10	1.22	532	<1	0.11	22	810	3	0.03	<2	4	62
KZ05R0254		10	0.02	0.11	20	1.31	633	<1	0.06	20	870	8	0.01	2	6	23
KZ05R0255		10	0.01	0.12	10	1.92	691	<1	0.13	27	1070	3	0.11	<2	15	66
KZ05R0256		10	0.01	0.15	20	0.78	444	2	0.10	2	1210	24	1.02	<2	4	49
KZ05R0257		10	0.01	0.13	20	0.99	580	<1	0.18	6	1900	6	0.04	<2	6	77
KZ05R0258		20	0.01	2.27	10	2.29	655	<1	0.35	39	1320	3	1.04	<2	21	116
KZ05R0259		10	0.01	0.12	10	1.16	601	1	0.12	5	1120	8	2.66	<2	4	70
KZ05R0260		10	0.03	0.28	20	0.70	1085	<1	0.07	1	920	6	0.02	<2	3	48
KZ05R0261		<10	4.94	0.06	<10	0.03	68	<1	0.01	2	180	2	0.02	44	1	10
KZ05R0262		<10	1.61	0.30	10	0.03	1115	<1	0.01	4	1400	4	0.05	4	4	26
CLEAN ROCK 3		10	0.06	0.23	<10	0.72	638	<1	0.09	8	570	3	0.02	<2	7	42
KZ05R0263		10	0.15	0.04	<10	1.38	1695	<1	0.08	2	1350	8	0.20	<2	16	104
KZ05R0264		10	0.19	0.09	10	1.44	1485	<1	0.06	4	1190	3	0.26	3	11	10
KZ05R0265		10	0.14	0.04	<10	1.56	1665	<1	0.11	3	970	5	0.39	<2	23	63
KZ05R0266		<10	1.20	0.10	<10	0.82	1310	<1	0.07	4	1080	2	0.23	17	16	18
KZ05R0267		10	0.14	0.14	<10	1.18	1430	<1	0.05	10	1070	4	0.10	<2	20	55
KZ05R0268		10	0.04	0.25	10	0.58	1275	1	0.15	2	1230	12	0.02	4	5	106
KZ05R0269		<10	1.43	0.08	<10	0.06	160	1	0.01	5	780	2	0.02	114	16	29
KZ05R0270		10	0.02	0.31	10	0.57	650	<1	0.04	1	1120	7	0.01	<2	4	275
KZ05R0271		10	0.03	0.30	10	0.62	673	1	0.04	<1	1110	7	0.01	<2	4	316
CLEAN ROCK 4		10	0.01	0.18	10	0.62	626	1	0.11	12	490	<2	0.05	<2	7	24

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064726

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-AA46
	Analyte	Ti	Tl	U	V	W	Zn	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	10	1	10	2	0.01
KZ05R0278		0.13	<10	<10	35	<10	45	
KZ05R0238		<0.01	<10	<10	24	<10	81	
KZ05R0239		0.08	<10	<10	56	<10	66	
KZ05R0240		<0.01	<10	<10	22	<10	20	
KZ05R0241		<0.01	<10	<10	14	<10	12	
KZ05R0242		<0.01	<10	<10	20	<10	17	
KZ05R0243		<0.01	<10	<10	36	<10	9	
KZ05R0243DUP		<0.01	<10	<10	38	<10	9	
KZ05R0244		0.51	<10	<10	383	<10	104	
CLEAN ROCK 1		0.17	<10	<10	65	<10	44	
KZ05R0245		0.53	<10	<10	405	<10	108	
KZ05R0246		<0.01	<10	<10	21	<10	33	
KZ05R0247		<0.01	<10	<10	15	<10	10	
KZ05R0248		0.15	<10	<10	70	<10	106	
KZ05R0249		<0.01	<10	<10	49	<10	56	
KZ05R0250		<0.01	<10	<10	1	<10	21	
KZ05R0251		0.15	<10	<10	40	<10	51	
KZ05R0252		0.46	<10	<10	189	<10	112	
KZ05R0253		0.25	<10	<10	224	<10	82	
CLEAN ROCK 2		0.32	<10	<10	88	<10	63	
KZ05R0254		0.03	<10	<10	112	<10	86	
KZ05R0255		0.31	<10	<10	192	<10	60	
KZ05R0256		0.15	<10	<10	53	<10	77	
KZ05R0257		0.16	<10	<10	70	<10	48	
KZ05R0258		0.42	<10	<10	156	<10	108	
KZ05R0259		0.09	<10	<10	67	<10	52	
KZ05R0260		0.11	<10	<10	69	<10	71	
KZ05R0261		0.01	<10	<10	34	<10	4	
KZ05R0262		<0.01	<10	<10	34	<10	60	
CLEAN ROCK 3		0.22	<10	<10	53	<10	62	
KZ05R0263		0.39	<10	<10	248	<10	91	
KZ05R0264		0.01	<10	<10	147	<10	138	
KZ05R0265		0.40	<10	<10	276	<10	313	
KZ05R0266		0.02	<10	<10	137	<10	100	
KZ05R0267		0.07	<10	<10	322	<10	79	
KZ05R0268		0.06	<10	<10	72	<10	60	
KZ05R0269		0.03	<10	<10	202	<10	39	
KZ05R0270		0.01	<10	<10	56	<10	59	
KZ05R0271		0.01	<10	<10	57	<10	59	
CLEAN ROCK 4		0.16	<10	<10	60	<10	56	

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064726

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	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	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
KZ05R0272		0.60	<0.001	<0.2	1.98	5	<10	180	0.6	3	2.93	<0.5	7	1	14	3.17
KZ05R0273		0.68	<0.001	<0.2	1.77	2	<10	120	0.6	<2	3.00	<0.5	8	1	11	3.02
KZ05R0274		0.58	0.005	<0.2	1.25	32	<10	60	<0.5	<2	0.25	<0.5	37	<1	159	6.61
KZ05R0274DUP		<0.02	0.003	<0.2	1.50	28	<10	60	<0.5	<2	0.22	<0.5	35	3	159	6.47
KZ05R0275		0.08	1.310	<0.2	0.26	2	10	20	<0.5	<2	0.15	<0.5	<1	2	3	0.42
KZ05R0276		0.22	0.005	<0.2	1.29	<2	<10	240	<0.5	<2	0.61	<0.5	5	8	5	2.21
KZ05R0277		0.46	0.004	<0.2	0.83	13	10	150	<0.5	<2	4.81	0.5	20	1	10	6.92
KZ05R0279		0.08	1.325	<0.2	0.26	<2	<10	20	<0.5	<2	0.16	<0.5	1	2	3	0.43
KZ05R3230		0.22	0.005	<0.2	1.22	<2	<10	230	<0.5	<2	0.63	<0.5	4	8	4	2.10
CLEAN ROCK 5		<0.02	0.002	<0.2	2.18	3	10	50	<0.5	2	1.05	<0.5	13	38	30	3.72
KZ05R3204		0.84	0.011	1.8	4.30	110	<10	30	<0.5	<2	1.98	0.5	32	36	171	9.20
KZ05R3205		0.96	0.009	<0.2	3.85	36	<10	80	<0.5	2	4.31	<0.5	24	16	147	6.90
KZ05R3206		0.98	0.007	0.6	3.05	83	<10	50	<0.5	<2	0.28	0.5	24	20	153	6.92
KZ05R3207		1.18	0.004	<0.2	2.12	8	<10	160	0.7	<2	1.28	<0.5	8	11	40	3.53
KZ05R3208		1.10	0.005	1.3	3.80	44	<10	30	<0.5	3	4.85	0.5	25	12	151	7.67
KZ05R3209		0.74	0.001	<0.2	0.54	5	<10	30	<0.5	<2	0.09	<0.5	1	54	5	0.77
KZ05R3210		0.50	0.008	0.4	2.56	12	<10	90	0.5	<2	0.95	<0.5	15	50	60	4.43
KZ05R3210DUP		<0.02	0.007	<0.2	2.58	9	<10	90	0.5	2	0.85	<0.5	15	56	60	4.46
KZ05R3211		1.60	0.002	<0.2	3.09	5	10	200	0.6	<2	2.32	<0.5	12	30	17	5.10
CLEAN ROCK 6		<0.02	<0.001	<0.2	2.24	8	10	90	<0.5	2	1.39	<0.5	8	54	19	2.93
KZ05R3212		1.10	0.006	0.2	2.47	9	<10	100	0.7	<2	2.13	<0.5	12	40	41	3.83
KZ05R3213		0.82	0.001	<0.2	1.35	5	<10	70	<0.5	2	1.14	0.8	15	48	51	3.57
KZ05R3214		0.64	0.001	<0.2	2.04	8	<10	50	<0.5	2	0.54	<0.5	1	15	5	1.02
KZ05R3215		0.88	0.003	<0.2	0.49	9	<10	550	<0.5	<2	0.02	<0.5	6	48	32	2.93
KZ05R3216		0.86	<0.001	<0.2	0.73	2	<10	190	<0.5	<2	0.96	<0.5	23	7	17	6.60
KZ05R3217		0.96	0.011	<0.2	3.41	5	10	110	0.6	<2	3.94	<0.5	22	7	308	6.72
KZ05R3218		0.88	0.003	<0.2	2.48	4	10	10	<0.5	2	1.92	<0.5	20	11	233	7.26
KZ05R3219		0.62	0.003	<0.2	1.61	5	10	40	<0.5	<2	4.37	<0.5	13	138	88	3.29
KZ05R3220		0.74	0.003	<0.2	1.80	5	<10	30	<0.5	<2	2.65	<0.5	23	7	251	5.86
CLEAN ROCK 7		<0.02	<0.001	<0.2	4.32	3	<10	110	<0.5	2	2.20	<0.5	6	52	17	2.03
KZ05R3221		0.88	0.001	<0.2	2.19	9	10	40	<0.5	3	2.48	<0.5	26	39	138	7.70
KZ05R3222		0.90	0.002	0.3	2.52	6	10	170	<0.5	<2	1.76	<0.5	24	7	140	7.72
KZ05R3223		0.86	0.014	0.3	2.77	18	<10	170	<0.5	2	2.21	<0.5	37	6	119	8.31
KZ05R3223DUP		<0.02	0.015	<0.2	2.91	18	<10	120	<0.5	4	2.28	0.6	38	3	129	8.59
KZ05R3224		0.70	0.004	0.3	4.30	5	10	120	<0.5	2	2.67	<0.5	30	33	244	6.12
KZ05R3225		0.08	1.250	<0.2	0.27	<2	<10	20	<0.5	<2	0.16	<0.5	<1	2	3	0.44
KZ05R3226		0.16	0.002	<0.2	1.25	<2	<10	240	<0.5	<2	0.65	<0.5	5	32	10	2.28
KZ05R3227		0.74	0.001	<0.2	0.50	12	<10	220	<0.5	<2	0.13	<0.5	7	29	6	2.98
KZ05R3228		0.92	0.006	0.2	0.50	56	<10	250	<0.5	<2	0.08	1.6	14	31	110	4.71
CLEAN ROCK 8		<0.02	0.001	<0.2	1.08	<2	<10	110	0.5	<2	0.61	<0.5	6	43	20	1.96

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064726

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
KZ05R0272		10	0.01	0.33	10	0.37	710	<1	0.05	1	1200	9	0.01	<2	3	232
KZ05R0273		10	0.01	0.27	<10	0.63	642	1	0.04	<1	1100	9	0.01	<2	3	341
KZ05R0274		<10	1.22	0.09	<10	0.09	781	2	0.01	5	1390	6	0.88	74	18	14
KZ05R0274DUP		<10	1.25	0.10	<10	0.08	764	2	0.01	7	1390	5	0.82	69	18	15
KZ05R0275		<10	0.04	0.02	<10	0.08	39	<1	0.09	2	390	3	0.01	<2	1	6
KZ05R0276		<10	0.02	0.55	10	0.64	572	<1	0.10	3	840	3	0.01	<2	3	72
KZ05R0277		<10	0.03	0.17	<10	0.51	1385	<1	0.04	4	1270	4	0.01	6	15	46
KZ05R0279		<10	0.03	0.02	<10	0.08	41	1	0.09	1	380	4	0.01	<2	1	6
KZ05R3230		<10	0.01	0.53	10	0.63	552	<1	0.10	4	830	5	0.01	<2	3	77
CLEAN ROCK 5		10	0.02	0.05	<10	1.14	778	<1	0.08	15	660	<2	0.04	<2	9	39
KZ05R3204		20	0.08	0.03	<10	1.76	1330	1	0.05	16	640	<2	0.10	3	27	58
KZ05R3205		10	0.04	0.03	<10	2.19	1480	<1	0.05	10	640	<2	0.11	6	23	103
KZ05R3206		10	0.03	0.01	<10	1.51	639	4	0.06	7	660	2	0.02	<2	20	14
KZ05R3207		<10	0.03	0.22	<10	0.90	765	1	0.01	3	410	8	0.06	<2	7	32
KZ05R3208		10	0.02	0.07	<10	2.49	3050	<1	0.04	8	550	9	0.26	<2	19	112
KZ05R3209		<10	0.02	0.14	10	0.23	330	2	0.01	2	40	33	0.01	<2	1	4
KZ05R3210		10	0.02	0.08	10	1.96	655	1	0.06	31	1130	8	0.03	<2	13	48
KZ05R3210DUP		10	0.02	0.08	10	1.99	618	1	0.06	38	1120	13	0.03	<2	14	46
KZ05R3211		10	0.02	0.23	10	2.61	781	1	0.06	14	1260	8	0.06	<2	12	189
CLEAN ROCK 6		10	0.01	0.14	<10	0.79	672	1	0.11	18	1100	3	0.08	<2	4	74
KZ05R3212		10	0.02	0.15	10	2.05	593	<1	0.05	22	1140	10	0.13	<2	6	168
KZ05R3213		10	0.01	0.10	10	0.26	168	1	0.18	24	800	18	2.09	<2	2	72
KZ05R3214		<10	0.01	0.11	10	0.56	290	3	0.04	13	760	4	0.05	<2	3	70
KZ05R3215		<10	1.16	0.13	<10	0.02	558	<1	0.01	2	150	<2	0.03	12	6	10
KZ05R3216		<10	0.18	0.16	<10	0.26	1435	<1	0.04	2	2120	3	0.01	3	7	15
KZ05R3217		10	0.10	0.12	<10	1.12	1020	<1	0.05	5	1140	<2	0.04	<2	12	72
KZ05R3218		10	0.13	0.01	<10	1.30	1015	<1	0.07	2	1080	<2	0.04	<2	12	14
KZ05R3219		<10	0.01	0.08	<10	1.06	1410	1	0.02	28	570	<2	0.01	4	16	41
KZ05R3220		10	0.05	0.06	<10	1.52	949	<1	0.05	3	920	<2	0.01	<2	18	54
CLEAN ROCK 7		10	0.01	0.24	<10	0.67	247	1	0.15	13	240	4	0.01	<2	4	81
KZ05R3221		10	0.05	0.09	<10	1.72	1070	1	0.04	14	1000	<2	<0.01	2	26	57
KZ05R3222		10	0.11	0.10	<10	1.62	1405	1	0.05	3	1240	<2	0.01	2	18	72
KZ05R3223		10	0.33	0.04	<10	1.94	1355	2	0.04	2	1340	9	1.88	<2	18	1930
KZ05R3223DUP		10	0.33	0.04	<10	2.01	1375	1	0.05	5	1400	7	1.96	2	19	2030
KZ05R3224		10	0.04	0.09	<10	1.48	784	1	0.27	20	470	3	1.58	<2	9	144
KZ05R3225		<10	<0.01	0.02	<10	0.08	42	1	0.09	2	400	2	<0.01	<2	1	7
KZ05R3226		10	0.01	0.52	10	0.70	587	<1	0.09	3	850	2	0.06	<2	3	118
KZ05R3227		<10	0.40	0.14	<10	0.05	352	<1	0.01	4	720	27	0.03	<2	8	11
KZ05R3228		<10	0.42	0.10	<10	0.04	434	2	<0.01	6	510	431	0.91	49	9	14
CLEAN ROCK 8		<10	0.02	0.11	<10	0.58	308	1	0.07	11	680	16	0.02	<2	3	37

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064726

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-AA46
	Analyte	Tl	Tl	U	V	W	Zn	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	10	1	10	2	0.01
KZ05R0272		0.02	<10	<10	54	<10	73	
KZ05R0273		0.02	<10	<10	58	<10	66	
KZ05R0274		<0.01	<10	<10	117	<10	80	
KZ05R0274DUP		<0.01	<10	<10	119	<10	79	
KZ05R0275		<0.01	<10	<10	2	<10	3	
KZ05R0276		0.16	<10	<10	42	<10	50	
KZ05R0277		0.05	<10	<10	172	<10	78	
KZ05R0279		<0.01	<10	<10	2	<10	5	
KZ05R3230		0.16	<10	<10	40	<10	51	
CLEAN ROCK 5		0.25	<10	<10	92	<10	69	
KZ05R3204		0.01	<10	<10	358	<10	112	
KZ05R3205		0.01	<10	<10	255	<10	94	
KZ05R3206		0.01	<10	<10	271	<10	99	
KZ05R3207		<0.01	<10	<10	62	<10	85	
KZ05R3208		0.01	<10	<10	262	<10	142	
KZ05R3209		<0.01	<10	<10	7	<10	24	
KZ05R3210		0.31	<10	<10	146	<10	81	
KZ05R3210DUP		0.32	<10	<10	148	<10	82	
KZ05R3211		0.09	<10	<10	121	<10	94	
CLEAN ROCK 6		0.29	<10	<10	72	<10	62	
KZ05R3212		0.03	<10	<10	84	<10	77	
KZ05R3213		0.14	<10	<10	42	<10	50	
KZ05R3214		0.13	<10	<10	43	<10	25	
KZ05R3215		0.01	<10	<10	39	<10	56	
KZ05R3216		0.01	<10	<10	105	<10	58	
KZ05R3217		0.37	<10	<10	170	<10	86	
KZ05R3218		0.43	<10	<10	174	<10	94	
KZ05R3219		0.02	<10	<10	139	<10	28	
KZ05R3220		0.25	<10	<10	231	<10	69	
CLEAN ROCK 7		0.07	<10	<10	41	10	38	
KZ05R3221		0.13	<10	<10	271	<10	80	
KZ05R3222		0.27	<10	<10	156	<10	86	
KZ05R3223		0.44	<10	<10	169	<10	95	
KZ05R3223DUP		0.44	<10	<10	171	<10	97	
KZ05R3224		0.27	<10	<10	191	<10	58	
KZ05R3225		<0.01	<10	<10	2	<10	4	
KZ05R3226		0.16	<10	<10	44	<10	50	
KZ05R3227		<0.01	<10	<10	34	<10	47	
KZ05R3228		<0.01	<10	<10	70	<10	294	
CLEAN ROCK 8		0.17	<10	<10	51	<10	44	

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064726

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	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	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
KZ05R3229		0.08	0.950	11.6	0.22	2	10	30	<0.5	<2	0.24	<0.5	1	4	8	2.78
KZ05R2258		0.20	0.003	<0.2	1.18	<2	<10	230	<0.5	2	0.58	<0.5	4	43	3	2.08
KZ05R2215		0.80	0.007	<0.2	0.41	7	<10	100	<0.5	<2	0.02	<0.5	<1	64	5	1.88
KZ05R2216		0.90	0.002	0.2	0.80	4	<10	110	<0.5	2	0.16	<0.5	2	22	3	2.46
KZ05R2217		0.46	0.014	<0.2	2.07	14	<10	50	<0.5	<2	0.57	<0.5	10	77	28	4.34
KZ05R2221		0.54	0.003	0.2	2.66	29	<10	40	<0.5	3	1.58	1.3	20	23	146	5.43
KZ05R2222		0.66	0.009	0.3	2.14	100	<10	20	<0.5	3	0.53	0.8	29	33	140	6.37
KZ05R2223		0.64	<0.001	<0.2	1.36	32	<10	90	0.5	2	2.81	<0.5	5	6	13	2.67
KZ05R2224		0.40	0.002	<0.2	3.43	3	<10	90	<0.5	5	4.00	<0.5	24	10	167	6.77
CLEAN ROCK 9		<0.02	0.001	<0.2	1.88	<2	<10	50	<0.5	2	1.49	0.5	6	34	16	2.10
KZ05R2225		0.08	1.340	19.0	0.21	<2	<10	30	<0.5	2	0.24	<0.5	2	4	6	2.78
KZ05R2226		0.18	0.006	<0.2	1.16	4	<10	200	<0.5	2	0.63	<0.5	5	48	8	2.08
KZ05R2227		0.60	0.001	<0.2	0.48	7	<10	50	<0.5	<2	0.02	<0.5	1	18	1	0.30
KZ05R2228		0.40	0.004	1.2	2.68	101	<10	120	0.9	2	3.52	0.6	16	88	65	3.66
KZ05R2229		0.50	0.004	0.3	0.90	42	<10	60	<0.5	2	0.55	3.8	3	29	28	1.52
KZ05R2230		0.44	0.001	<0.2	0.57	<2	<10	70	<0.5	2	0.05	<0.5	1	41	3	0.45
KZ05R2231		0.46	<0.001	0.4	0.51	4	<10	30	<0.5	2	1.39	0.6	<1	41	3	0.67
KZ05R2232		0.52	0.002	<0.2	1.10	26	<10	60	<0.5	2	0.16	8.0	5	27	6	1.87
KZ05R2233		0.50	0.001	0.6	2.18	12	<10	220	0.5	2	0.37	0.6	11	36	15	4.29
CLEAN ROCK 10		<0.02	<0.001	<0.2	1.30	4	<10	100	<0.5	3	0.57	0.5	5	12	18	1.83
KZ05R2234		0.56	0.011	0.2	2.17	19	<10	50	<0.5	<2	2.13	<0.5	12	66	40	4.43
KZ05R2235		0.24	0.926	2.2	0.39	>10000	<10	70	<0.5	<2	0.09	0.9	5	5	37	4.07
KZ05R2236		0.60	0.049	0.6	2.20	489	<10	60	<0.5	3	0.27	<0.5	11	68	27	4.88
KZ05R2237		0.34	0.016	0.6	2.46	357	<10	60	0.5	3	0.34	0.5	16	60	49	4.94
KZ05R2238		0.84	0.016	0.3	1.81	13	<10	70	0.5	<2	0.65	<0.5	12	53	41	4.06
KZ05R2239		1.14	0.005	0.6	1.77	50	<10	10	<0.5	<2	11.65	0.8	11	9	74	3.31
KZ05R2240		0.88	0.003	<0.2	1.81	12	<10	80	<0.5	2	0.41	0.6	3	19	14	1.98
KZ05R2241		0.36	0.001	1.0	1.21	28	20	<10	0.8	3	15.2	127.0	9	10	82	2.28
KZ05R2241DUP		<0.02	0.002	0.6	1.17	21	20	<10	0.7	3	14.2	125.5	9	15	82	2.20
CLEAN ROCK 11		<0.02	0.001	<0.2	2.25	<2	<10	40	<0.5	2	1.80	4.3	10	31	30	2.39
KZ05R2242		Not Recvd														
KZ05R2243		0.82	0.001	<0.2	0.55	3	<10	2830	<0.5	2	2.78	2.1	22	3	213	6.60
KZ05R2244		0.48	0.003	0.3	0.52	50	<10	180	<0.5	3	0.52	2.8	41	83	98	7.15
KZ05R2245		0.32	0.004	<0.2	0.52	37	<10	50	<0.5	4	0.52	1.5	28	83	44	5.50
KZ05R2246		0.56	0.003	0.2	0.61	31	<10	30	0.5	3	0.40	0.8	29	3	220	5.71
KZ05R2247		0.28	0.002	0.3	0.41	5	<10	2370	<0.5	3	0.77	<0.5	26	7	114	8.27
KZ05R2248		0.78	0.002	<0.2	0.61	<2	<10	50	0.5	2	2.27	<0.5	19	<1	170	6.81
KZ05R2249		0.60	0.002	0.4	0.34	46	<10	60	<0.5	<2	0.24	<0.5	14	31	99	1.09
KZ05R2250		0.08	0.973	10.5	0.22	3	10	30	<0.5	4	0.23	<0.5	1	4	8	2.74
CLEAN ROCK 12		<0.02	0.001	0.2	2.11	3	<10	40	<0.5	2	1.06	<0.5	19	41	76	3.21

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064726

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
KZ05R3229		<10	0.03	0.01	<10	0.06	36	1	0.10	2	640	110	2.75	<2	<1	6
KZ05R2258		10	0.01	0.52	10	0.63	542	<1	0.08	6	800	7	0.01	<2	2	66
KZ05R2215		<10	0.02	0.21	<10	0.02	12	6	0.01	<1	40	5	0.06	<2	<1	9
KZ05R2216		<10	0.01	0.15	<10	0.59	436	2	0.05	1	680	10	0.87	<2	2	22
KZ05R2217		10	0.02	0.06	10	1.40	601	<1	0.04	20	840	3	0.03	4	7	21
KZ05R2221		10	0.11	0.03	<10	1.32	1195	1	0.06	12	630	9	0.05	3	14	51
KZ05R2222		10	0.11	0.03	<10	0.98	800	1	0.06	15	550	13	1.93	3	13	19
KZ05R2223		<10	0.11	0.35	10	0.47	910	1	0.02	2	930	6	0.02	<2	2	114
KZ05R2224		10	0.05	0.03	<10	3.15	2080	<1	0.04	11	600	4	0.10	<2	24	146
CLEAN ROCK 9		10	0.01	0.12	<10	0.81	365	<1	0.06	14	430	3	0.01	<2	6	60
KZ05R2225		<10	0.03	0.01	<10	0.05	110	1	0.10	7	620	116	2.79	<2	<1	6
KZ05R2226		10	0.01	0.48	10	0.69	568	1	0.07	6	750	2	0.01	<2	3	64
KZ05R2227		<10	0.02	0.17	30	0.17	129	1	0.03	4	50	12	<0.01	<2	<1	5
KZ05R2228		10	0.02	0.22	10	2.24	851	1	0.03	89	980	43	0.32	7	8	196
KZ05R2229		<10	0.07	0.15	20	0.49	591	2	0.04	14	220	13	0.03	<2	2	38
KZ05R2230		<10	0.01	0.17	20	0.21	188	2	0.06	4	50	22	0.01	<2	<1	12
KZ05R2231		<10	0.05	0.07	20	0.37	580	1	0.06	3	30	10	<0.01	<2	1	44
KZ05R2232		<10	0.03	0.14	10	0.39	691	2	<0.01	3	510	9	0.03	<2	1	6
KZ05R2233		10	0.01	0.13	20	1.04	766	<1	0.05	12	1060	5	0.03	<2	4	21
CLEAN ROCK 10		<10	0.01	0.10	<10	0.39	441	1	0.09	15	380	4	0.15	<2	3	37
KZ05R2234		10	0.01	0.08	10	1.47	809	1	0.05	22	860	6	0.02	<2	8	53
KZ05R2235		<10	0.04	0.16	10	0.03	41	1	0.02	13	640	25	2.70	56	1	5
KZ05R2236		10	0.02	0.06	20	1.39	588	1	0.03	18	910	8	0.19	4	6	11
KZ05R2237		10	0.02	0.06	10	1.82	819	<1	0.02	25	1000	5	0.10	3	7	11
KZ05R2238		10	0.02	0.06	10	1.08	595	1	0.03	18	880	8	0.03	<2	5	23
KZ05R2239		<10	0.02	0.06	<10	0.04	594	54	0.44	192	1190	10	2.16	2	2	136
KZ05R2240		10	0.01	0.12	10	0.64	369	2	0.14	5	660	17	0.84	2	3	92
KZ05R2241		<10	0.83	0.01	160	0.19	1060	7	0.01	85	970	223	1.84	152	2	51
KZ05R2241DUP		<10	0.82	0.01	150	0.18	1030	7	0.01	83	980	199	1.80	147	2	51
CLEAN ROCK 11		10	0.03	0.10	<10	0.90	409	<1	0.16	28	680	13	0.06	<2	5	38
KZ05R2242																
KZ05R2243		<10	0.23	0.12	<10	0.76	1070	1	0.04	5	1210	5	0.13	5	21	130
KZ05R2244		<10	0.43	0.11	<10	0.90	1360	1	0.01	56	1540	5	0.57	33	24	12
KZ05R2245		<10	0.14	0.13	<10	0.69	963	1	0.01	36	1740	3	0.58	14	20	11
KZ05R2246		<10	1.46	0.14	<10	0.32	1085	1	0.01	12	1040	6	0.39	31	24	11
KZ05R2247		<10	1.60	0.08	<10	1.04	1840	<1	0.01	6	960	4	0.10	8	20	94
KZ05R2248		<10	0.56	0.21	<10	1.00	1265	<1	0.03	3	1240	3	0.02	<2	23	40
KZ05R2249		<10	2.07	0.04	<10	0.04	268	<1	<0.01	6	620	11	0.22	35	4	5
KZ05R2250		<10	0.10	0.01	<10	0.05	33	1	0.11	4	610	115	2.75	<2	<1	6
CLEAN ROCK 12		10	0.02	0.06	<10	1.26	431	2	0.16	67	880	6	0.39	<2	2	54

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064726

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-AA46
	Analyte	Ti	Tl	U	V	W	Zn	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	10	1	10	2	0.01
KZ05R3229		<0.01	<10	<10	1	<10	16	
KZ05R2258		0.15	<10	<10	40	<10	51	
KZ05R2215		<0.01	<10	<10	3	<10	5	
KZ05R2216		0.08	<10	<10	26	<10	29	
KZ05R2217		0.01	<10	<10	128	<10	68	
KZ05R2221		0.01	<10	<10	303	<10	99	
KZ05R2222		0.01	<10	<10	285	<10	82	
KZ05R2223		0.01	<10	<10	35	<10	46	
KZ05R2224		0.01	<10	<10	266	<10	94	
CLEAN ROCK 9		0.16	<10	<10	65	<10	40	
KZ05R2225		<0.01	<10	<10	1	<10	21	
KZ05R2226		0.14	<10	<10	44	<10	47	
KZ05R2227		<0.01	<10	<10	1	<10	12	
KZ05R2228		<0.01	<10	<10	68	<10	189	
KZ05R2229		<0.01	<10	<10	14	<10	440	
KZ05R2230		<0.01	<10	<10	2	<10	29	
KZ05R2231		<0.01	<10	<10	1	<10	129	
KZ05R2232		<0.01	<10	<10	12	<10	481	
KZ05R2233		0.01	<10	<10	108	<10	108	
CLEAN ROCK 10		0.07	<10	<10	23	<10	42	
KZ05R2234		0.01	<10	<10	144	<10	71	
KZ05R2235		<0.01	<10	<10	11	<10	79	
KZ05R2236		0.01	<10	<10	134	<10	76	
KZ05R2237		0.01	<10	<10	147	<10	97	
KZ05R2238		0.02	<10	<10	131	<10	72	
KZ05R2239		0.09	<10	<10	53	<10	102	
KZ05R2240		0.10	<10	<10	37	<10	42	
KZ05R2241		0.06	<10	<10	89	<10	>10000	1.76
KZ05R2241DUP		0.06	<10	<10	86	10	>10000	1.77
CLEAN ROCK 11		0.23	<10	<10	69	<10	485	
KZ05R2242								
KZ05R2243		<0.01	<10	<10	100	<10	263	
KZ05R2244		<0.01	<10	<10	98	<10	1065	
KZ05R2245		<0.01	<10	<10	72	<10	716	
KZ05R2246		<0.01	<10	<10	156	<10	69	
KZ05R2247		<0.01	<10	<10	148	<10	109	
KZ05R2248		<0.01	<10	<10	98	<10	94	
KZ05R2249		<0.01	<10	<10	27	<10	32	
KZ05R2250		<0.01	<10	<10	1	<10	15	
CLEAN ROCK 12		0.18	<10	<10	60	<10	51	

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064726

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
KZ05R2251		0.22	<0.001	<0.2	0.97	3	<10	210	<0.5	2	0.43	0.5	5	29	2	1.86
KZ05R2252		0.44	0.001	0.3	0.22	19	<10	660	<0.5	3	0.12	<0.5	10	9	70	1.38
KZ05R2262		0.52	<0.001	<0.2	0.92	4	<10	290	<0.5	4	3.06	<0.5	4	12	2	0.94
KZ05R2263		0.44	0.001	<0.2	0.86	<2	<10	360	<0.5	<2	1.61	<0.5	5	5	41	1.67
KZ05R2264		0.42	<0.001	<0.2	0.86	2	<10	60	0.5	2	2.79	<0.5	4	13	1	1.38
KZ05R2259		0.08	1.780	19.2	0.20	3	<10	40	<0.5	<2	0.24	<0.5	1	4	5	2.80

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064726

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
KZ05R2251		<10	0.01	0.47	<10	0.60	512	<1	0.05	6	800	3	0.01	<2	2	45
KZ05R2252		<10	3.85	0.06	<10	0.04	356	<1	0.01	3	280	9	0.05	16	7	7
KZ05R2262		<10	0.02	0.09	<10	0.95	462	<1	0.04	4	610	6	0.01	<2	2	164
KZ05R2263		<10	0.02	0.16	10	0.54	438	1	0.04	3	730	2	0.02	<2	1	93
KZ05R2264		<10	<0.01	0.11	<10	0.89	440	<1	0.04	2	580	3	0.01	<2	2	136
KZ05R2259		<10	0.12	0.01	<10	0.05	109	1	0.10	6	650	122	2.84	<2	<1	6

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064726

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-AA46
	Analyte	Ti	Tl	U	V	W	Zn	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	10	1	10	2	0.01
KZ05R2251		0.13	<10	<10	35	<10	52	
KZ05R2252		<0.01	<10	<10	25	<10	25	
KZ05R2262		<0.01	<10	<10	21	<10	50	
KZ05R2263		<0.01	<10	<10	26	<10	34	
KZ05R2264		0.01	<10	<10	36	<10	76	
KZ05R2259		<0.01	<10	<10	1	<10	19	

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 24-AUG-2005
Account: ATC

CERTIFICATE VA05064727

Project: KIZMET-2052

P.O. No.: KZ-7

This report is for 53 Stream Sediment samples submitted to our lab in Vancouver, BC, Canada on 4-AUG-2005.

The following have access to data associated with this certificate:

ROBERT BROWN ACCOUNTS PAYABLE	BARRICK KIZMET	RICHARD MANN

SAMPLE PREPARATION

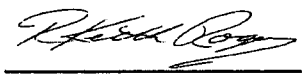
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41d	Screen to -100um, save both
SPL-21	Split sample - riffle splitter
SPL-21d	Split sample - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS41	50 element aqua regia ICP-MS	
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: 

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 24-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064727

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
KZ05X8001		4.44	0.011	0.11	0.64	1.3	<10	40	0.09	0.05	0.38	0.05	16.15	4.9	23	0.46
KZ05X8002		13.92	0.029	0.14	1.08	38.9	<10	50	0.20	0.07	1.55	0.10	18.15	24.1	149	0.71
KZ05X8003		13.70	0.003	0.10	1.52	17.0	<10	80	0.13	0.02	1.73	0.06	10.05	25.4	276	0.83
KZ05X8004		13.42	0.001	0.05	1.23	8.3	<10	40	0.28	0.03	1.78	0.04	14.25	15.6	56	0.78
KZ05X8005		15.06	0.004	0.18	0.93	27.1	<10	200	0.58	0.17	1.47	0.34	15.95	17.2	18	3.05
KZ05X8006		13.24	0.099	0.17	1.06	44.1	<10	310	0.59	0.20	1.86	0.44	32.20	14.1	14	1.80
KZ05X8007		10.88	0.007	0.13	1.67	34.6	<10	250	0.52	0.10	1.03	0.34	24.50	23.9	15	2.12
KZ05X8008		10.22	0.020	3.03	1.87	28.1	10	160	0.48	0.15	0.80	0.37	28.20	15.6	30	2.11
KZ05X8009		10.30	0.005	0.16	1.52	44.0	10	110	0.57	0.19	0.61	0.61	32.20	14.8	33	1.94
KZ05X8010		10.78	0.032	0.24	2.16	37.7	<10	130	0.82	0.40	0.54	0.85	32.90	18.9	36	5.13
KZ05X8011		10.02	1.340	1.00	1.12	160.5	<10	130	0.33	4.72	1.02	1.26	28.80	22.0	49	3.22
KZ05X8012		11.54	0.011	0.19	0.73	22.7	<10	130	0.25	0.83	0.86	0.15	47.30	11.3	28	2.02
KZ05X8013		13.34	0.148	0.16	0.63	15.8	<10	160	0.29	0.72	0.81	0.15	52.70	8.4	28	1.66
KZ05X8014		11.58	0.008	0.36	0.55	19.0	<10	70	0.30	3.24	0.51	0.16	84.50	7.7	41	2.48
KZ05X8015		10.16	0.005	0.24	1.11	30.5	<10	140	0.37	0.80	0.79	0.33	29.40	12.0	19	2.03
KZ05X8016		10.32	<0.001	0.27	0.87	4.4	<10	50	0.37	0.55	0.62	0.34	43.50	8.0	24	1.36
KZ05X8017		9.24	0.010	0.64	1.25	10.3	<10	150	0.63	1.62	0.65	0.81	42.40	13.0	17	2.01
KZ05X8018		8.62	<0.001	0.23	1.15	16.4	<10	70	0.46	0.31	0.75	0.30	34.20	9.4	22	1.32
KZ05X8019		9.18	0.007	0.23	2.02	48.4	<10	160	0.78	0.39	0.73	0.81	32.90	20.5	38	6.58
KZ05X8020		9.08	0.286	0.15	0.97	56.1	<10	120	0.42	0.21	0.57	0.32	30.10	9.7	19	1.72
KZ05X8021		8.10	0.309	0.19	1.19	71.4	<10	140	0.51	0.27	0.62	0.49	31.30	12.3	22	2.56
KZ05X8022		7.96	0.391	0.09	0.73	5.7	<10	50	0.38	0.22	0.52	0.19	41.20	7.9	19	0.85
KZ05X8023		9.50	0.017	0.70	1.33	428.0	<10	170	0.42	0.50	1.03	1.18	22.40	16.9	23	4.54
KZ05X8024		11.20	0.132	0.09	0.60	5.9	<10	40	0.26	0.07	1.20	0.05	28.10	8.8	17	0.51
KZ05X8025		0.08	0.984	10.25	0.21	3.0	10	30	0.23	0.08	0.24	0.08	4.68	0.9	4	0.09
KZ05X8026		4.66	0.019	0.15	0.64	1.2	<10	40	0.09	0.03	0.38	0.06	15.20	4.9	24	0.43
KZ05X8027		10.38	0.026	0.36	0.84	19.2	<10	60	0.34	1.68	1.18	0.70	23.00	12.2	13	1.48
KZ05X8028		10.52	0.111	0.07	1.17	38.5	<10	120	0.34	0.06	3.07	0.16	18.65	20.1	113	1.79
KZ05X8029		9.42	0.003	0.06	2.06	14.6	<10	80	0.22	0.03	1.73	0.07	9.38	33.3	206	2.88
KZ05X8030		10.40	0.053	0.05	0.59	5.5	<10	50	0.29	0.07	1.30	0.04	27.30	11.7	67	0.55
KZ05X8031		12.18	0.418	1.50	0.67	15.8	<10	60	0.26	19.50	1.18	0.99	38.30	16.7	14	1.20
KZ05X8032		7.96	0.013	0.48	0.53	4.2	<10	90	0.40	13.95	0.62	0.32	30.70	14.1	16	1.18
KZ05X8033		10.96	0.244	0.26	1.38	5.1	<10	140	0.56	0.11	0.76	0.36	37.20	16.0	27	3.27
KZ05X8034		10.72	0.006	0.30	1.00	3.8	<10	110	0.49	0.08	0.69	0.40	33.30	9.6	6	2.65
KZ05X8035		11.26	0.012	0.19	1.74	45.5	30	200	0.69	0.26	1.02	0.55	32.10	13.0	31	2.54
KZ05X8036		10.38	0.245	0.15	1.69	29.3	20	160	0.56	0.17	1.01	0.45	29.50	14.4	40	2.27
KZ05X8037		10.18	0.014	0.26	1.60	107.0	<10	130	0.42	0.13	1.11	0.88	24.20	18.1	23	2.66
KZ05X8038		11.14	0.002	0.18	1.97	46.8	<10	70	0.53	0.23	0.81	0.52	25.50	14.9	25	2.91
KZ05X8039		10.26	0.001	0.15	0.93	18.3	<10	60	0.48	0.21	0.43	0.14	34.20	7.0	12	1.94
KZ05X8040		11.48	0.001	0.05	0.87	6.6	<10	70	0.25	0.07	1.38	0.08	24.40	15.9	140	0.65

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 24-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064727

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
KZ05X8001		9.7	3.65	3.19	0.10	0.07	0.03	0.007	0.08	8.5	5.8	0.25	218	0.25	0.02	0.27
KZ05X8002		83.4	6.70	4.94	0.20	0.15	0.02	0.015	0.05	9.2	7.8	1.22	489	0.63	0.02	0.12
KZ05X8003		135.0	4.47	4.84	0.14	0.08	0.05	0.015	0.16	4.8	7.4	2.01	507	0.41	0.02	0.06
KZ05X8004		60.9	7.07	6.96	0.23	0.10	0.06	0.017	0.04	6.4	6.2	1.06	633	0.46	0.02	0.13
KZ05X8005		88.3	4.96	3.64	0.10	0.11	0.26	0.052	0.10	7.4	9.8	0.68	717	2.51	0.02	0.09
KZ05X8006		62.5	4.16	4.09	0.11	0.12	0.25	0.041	0.12	15.3	8.3	0.64	826	2.49	0.03	0.13
KZ05X8007		121.0	5.80	6.37	0.11	0.07	0.14	0.052	0.09	11.0	11.6	0.86	1235	1.60	0.04	0.17
KZ05X8008		59.4	5.38	7.97	0.14	0.20	0.26	0.031	0.08	14.0	17.4	0.99	807	2.09	0.12	0.41
KZ05X8009		54.4	4.86	7.22	0.14	0.12	0.06	0.032	0.08	16.6	17.8	0.91	740	3.11	0.02	0.50
KZ05X8010		80.7	4.18	7.36	0.08	0.09	0.06	0.050	0.09	17.1	31.1	1.04	716	4.77	0.01	0.52
KZ05X8011		128.5	7.18	5.36	0.17	0.16	0.12	0.046	0.07	14.2	10.9	0.83	686	2.29	0.03	0.25
KZ05X8012		74.0	5.19	4.62	0.17	0.16	0.02	0.032	0.07	23.7	7.7	0.44	408	2.10	0.03	0.49
KZ05X8013		40.9	4.49	3.91	0.15	0.15	0.01	0.027	0.06	26.6	7.0	0.37	371	1.82	0.02	0.40
KZ05X8014		178.0	6.34	4.99	0.21	0.14	0.02	0.064	0.08	41.2	7.0	0.33	345	3.61	0.01	0.51
KZ05X8015		33.2	4.17	5.10	0.12	0.16	0.01	0.024	0.09	14.6	10.4	0.50	472	2.85	0.05	0.44
KZ05X8016		17.0	7.29	5.36	0.26	0.18	0.02	0.017	0.07	22.4	7.4	0.39	497	2.30	0.04	0.85
KZ05X8017		36.1	5.07	6.32	0.14	0.15	0.03	0.037	0.11	21.8	14.2	0.79	856	12.80	0.02	0.96
KZ05X8018		20.7	3.99	5.55	0.15	0.26	0.01	0.020	0.08	17.5	11.2	0.57	595	2.00	0.05	0.91
KZ05X8019		97.7	4.63	7.45	0.10	0.09	0.10	0.055	0.11	16.8	30.0	1.24	769	4.88	0.02	0.44
KZ05X8020		33.0	4.13	5.08	0.13	0.08	0.04	0.025	0.06	14.8	10.4	0.55	619	1.82	0.02	0.83
KZ05X8021		45.2	4.53	5.59	0.12	0.07	0.06	0.032	0.08	15.8	13.2	0.70	772	2.28	0.02	0.75
KZ05X8022		16.4	8.02	6.76	0.25	0.13	0.02	0.022	0.05	20.2	8.6	0.43	626	3.03	0.01	0.75
KZ05X8023		86.8	4.74	5.19	0.11	0.06	0.07	0.046	0.08	10.9	11.4	0.79	908	3.38	0.03	0.38
KZ05X8024		33.6	8.19	5.78	0.21	0.15	0.01	0.013	0.04	14.5	4.4	0.34	494	0.50	0.01	0.32
KZ05X8025		8.1	2.94	0.60	0.05	0.23	0.02	<0.005	0.01	2.0	0.4	0.05	34	0.93	0.11	0.07
KZ05X8026		8.8	3.76	3.03	0.10	0.08	0.08	0.008	0.08	8.0	4.9	0.25	223	0.21	0.02	0.27
KZ05X8027		67.9	5.48	4.51	0.14	0.11	0.02	0.026	0.05	11.1	9.3	0.59	689	3.01	0.01	0.22
KZ05X8028		66.6	3.70	3.43	0.11	0.12	0.34	0.022	0.08	9.1	7.2	1.86	669	0.59	0.01	0.08
KZ05X8029		100.5	4.97	5.48	0.17	0.12	0.15	0.021	0.10	4.2	11.4	3.43	687	0.42	0.02	0.05
KZ05X8030		31.9	8.26	5.11	0.20	0.15	0.07	0.014	0.04	14.1	4.0	0.65	507	0.53	0.02	0.25
KZ05X8031		139.0	12.20	6.38	0.26	0.11	0.05	0.048	0.04	17.5	7.9	0.48	613	5.70	0.01	0.26
KZ05X8032		105.0	6.62	3.99	0.14	0.07	0.08	0.029	0.05	15.4	8.3	0.37	519	15.75	0.01	0.40
KZ05X8033		123.0	6.65	7.38	0.17	0.06	0.02	0.023	0.10	18.2	16.8	1.04	1285	1.47	0.02	0.33
KZ05X8034		88.0	2.84	5.26	0.10	0.10	0.02	0.016	0.07	16.6	15.0	0.77	961	0.79	0.01	0.19
KZ05X8035		47.0	4.40	6.30	0.13	0.12	0.21	0.037	0.11	16.4	16.2	0.89	788	2.22	0.04	0.93
KZ05X8036		51.7	5.32	7.19	0.16	0.21	0.06	0.034	0.09	15.0	16.6	0.95	746	2.50	0.04	0.70
KZ05X8037		74.5	4.80	5.89	0.13	0.09	0.08	0.033	0.09	11.4	10.1	0.88	933	2.08	0.03	0.34
KZ05X8038		29.1	4.02	6.15	0.11	0.11	0.04	0.020	0.10	12.4	18.7	1.02	806	2.54	0.05	1.27
KZ05X8039		6.9	3.62	3.54	0.13	0.45	0.02	0.018	0.07	16.8	13.8	0.51	544	1.42	0.01	0.40
KZ05X8040		47.0	7.19	4.91	0.20	0.15	0.02	0.013	0.06	12.6	4.6	1.20	575	0.67	0.02	0.19

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 24-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064727

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
KZ05X8001		6.1	570	3.9	6.1	<0.001	<0.01	0.67	1.7	0.2	0.2	25.0	<0.01	0.02	4.5	0.064
KZ05X8002		64.8	1770	5.2	2.8	<0.001	0.28	1.56	4.7	0.7	0.3	40.4	<0.01	0.04	1.2	0.099
KZ05X8003		118.5	1080	1.9	7.3	<0.001	0.08	0.62	4.5	0.5	0.2	59.4	<0.01	0.03	0.6	0.087
KZ05X8004		32.3	1300	2.2	2.4	<0.001	0.02	1.52	4.8	0.3	0.3	51.9	<0.01	0.02	1.0	0.091
KZ05X8005		35.2	1030	16.8	5.9	0.007	0.42	4.17	10.6	1.1	0.4	92.8	<0.01	0.05	1.9	0.017
KZ05X8006		19.8	1320	22.7	8.0	0.002	0.30	1.62	7.9	1.0	0.4	136.0	<0.01	0.05	4.0	0.018
KZ05X8007		18.8	1050	12.0	6.1	0.001	0.10	1.18	13.4	1.1	0.4	76.4	<0.01	0.04	1.9	0.018
KZ05X8008		24.4	1020	11.6	5.9	0.002	0.07	1.30	7.8	0.8	0.6	64.2	0.01	0.04	4.0	0.110
KZ05X8009		31.4	1100	15.4	6.4	0.003	0.11	1.49	6.7	1.4	0.6	41.6	0.01	0.06	4.7	0.089
KZ05X8010		35.2	1070	27.9	11.2	0.003	0.05	1.38	6.6	1.2	0.4	60.3	<0.01	0.14	2.8	0.023
KZ05X8011		30.7	1130	69.7	5.1	0.001	1.00	6.69	5.0	1.1	0.5	76.9	<0.01	0.63	19.8	0.063
KZ05X8012		8.8	910	12.8	7.0	<0.001	0.12	1.94	3.7	0.6	0.8	41.1	0.01	0.05	40.5	0.076
KZ05X8013		9.4	990	13.9	6.2	<0.001	0.10	0.81	2.6	0.5	0.6	39.8	0.01	0.07	36.6	0.058
KZ05X8014		6.5	1330	14.2	11.7	<0.001	0.07	0.59	2.5	0.7	1.7	16.1	0.01	0.11	90.6	0.045
KZ05X8015		9.4	1100	21.1	7.3	<0.001	0.31	0.92	2.8	0.5	0.4	68.4	<0.01	0.17	13.1	0.078
KZ05X8016		8.5	960	20.5	6.0	0.001	0.05	0.65	2.7	0.4	0.6	50.2	0.01	0.07	20.2	0.117
KZ05X8017		13.8	1100	83.1	8.9	0.003	0.44	0.53	5.0	1.3	0.6	57.8	0.02	0.12	9.3	0.104
KZ05X8018		10.5	1160	20.6	5.1	<0.001	0.13	0.85	3.5	0.4	0.5	79.4	0.01	0.05	8.7	0.156
KZ05X8019		43.2	1050	22.1	11.0	0.005	0.23	3.81	7.7	1.4	0.4	62.8	<0.01	0.13	2.7	0.032
KZ05X8020		15.1	900	16.4	4.6	0.001	0.08	1.87	4.4	0.8	0.6	43.4	0.01	0.06	6.0	0.085
KZ05X8021		21.0	980	22.2	6.0	0.002	0.10	2.84	5.8	1.1	0.6	52.0	0.01	0.07	5.5	0.079
KZ05X8022		12.4	1070	11.5	3.3	0.001	0.05	0.53	2.9	0.6	1.3	28.0	0.01	0.03	10.1	0.146
KZ05X8023		21.1	1310	48.4	5.8	0.005	0.42	8.92	6.9	2.9	0.3	81.1	<0.01	0.20	2.0	0.050
KZ05X8024		5.1	2680	5.9	1.7	<0.001	0.01	0.72	3.0	0.4	0.3	33.8	0.01	0.02	2.0	0.067
KZ05X8025		2.9	590	117.0	0.8	<0.001	2.81	0.71	0.6	0.2	0.7	5.3	<0.01	0.01	3.0	<0.005
KZ05X8026		5.4	590	3.4	6.0	<0.001	<0.01	0.74	1.8	0.2	0.2	24.4	<0.01	0.01	4.3	0.066
KZ05X8027		5.1	2590	41.3	3.7	<0.001	0.19	0.68	3.1	0.4	0.4	40.2	<0.01	0.08	3.0	0.060
KZ05X8028		65.3	1440	5.4	3.9	<0.001	0.14	2.50	9.6	0.4	0.2	47.9	<0.01	0.02	2.2	0.051
KZ05X8029		168.0	1260	2.4	5.0	<0.001	0.05	1.50	10.0	0.4	0.2	55.1	<0.01	0.03	0.7	0.110
KZ05X8030		26.0	2760	5.5	2.0	<0.001	0.02	0.70	3.2	0.4	0.3	34.4	<0.01	0.01	2.0	0.074
KZ05X8031		5.3	3320	46.8	3.9	0.001	0.49	0.72	2.2	0.6	0.4	39.7	0.01	0.29	10.8	0.062
KZ05X8032		6.7	1810	14.3	4.8	0.002	0.32	0.78	2.2	0.7	0.3	21.7	0.01	0.36	19.2	0.039
KZ05X8033		16.2	2170	16.8	6.7	<0.001	0.01	1.52	5.0	0.5	0.4	40.6	<0.01	0.02	4.4	0.092
KZ05X8034		5.1	2100	41.6	4.3	<0.001	0.01	0.59	2.9	0.4	0.2	34.7	<0.01	0.02	2.6	0.042
KZ05X8035		25.5	1050	20.7	7.9	0.002	0.13	2.15	8.2	1.2	0.6	134.0	0.01	0.07	5.0	0.093
KZ05X8036		27.5	1170	14.8	6.5	0.003	0.10	2.04	9.0	1.0	0.6	110.0	0.01	0.05	3.7	0.121
KZ05X8037		19.9	1310	35.5	6.2	0.003	0.16	5.60	10.0	1.5	0.4	100.5	0.01	0.08	2.3	0.075
KZ05X8038		16.2	1050	23.6	7.5	0.001	0.12	1.18	5.1	1.1	0.4	63.6	0.01	0.09	3.1	0.141
KZ05X8039		5.1	830	19.6	4.6	<0.001	0.08	1.33	3.4	0.4	0.5	16.2	<0.01	0.03	5.4	0.095
KZ05X8040		55.6	2460	5.6	3.0	<0.001	0.03	0.83	3.8	0.4	0.3	37.7	<0.01	0.02	1.8	0.083

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 24-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064727

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
KZ05X8001		0.04	0.60	100	0.11	4.32	23	1.3
KZ05X8002		0.02	0.49	227	0.25	7.73	36	2.8
KZ05X8003		0.04	0.21	112	0.09	6.38	33	1.3
KZ05X8004		<0.02	0.38	221	0.15	9.77	36	1.6
KZ05X8005		0.23	0.44	74	0.11	12.40	106	2.8
KZ05X8006		0.23	1.14	80	0.07	12.30	95	2.9
KZ05X8007		0.13	0.57	121	0.12	14.80	97	1.4
KZ05X8008		0.14	1.09	139	0.17	11.85	86	5.6
KZ05X8009		0.19	1.86	115	0.21	13.85	100	2.9
KZ05X8010		0.17	2.41	69	0.20	13.65	152	1.6
KZ05X8011		0.10	10.15	166	3.45	11.20	146	3.7
KZ05X8012		0.07	42.80	167	3.21	17.85	38	3.3
KZ05X8013		0.06	31.60	139	1.15	16.90	35	2.8
KZ05X8014		0.08	58.40	214	3.66	27.10	35	2.0
KZ05X8015		0.07	7.80	89	1.76	9.82	60	3.9
KZ05X8016		0.06	14.45	144	8.33	13.55	59	4.4
KZ05X8017		0.07	7.26	71	0.41	16.35	121	4.2
KZ05X8018		0.04	3.11	80	0.53	10.20	75	6.9
KZ05X8019		0.24	1.18	79	0.21	13.60	149	1.6
KZ05X8020		0.08	1.76	91	0.42	11.15	69	2.1
KZ05X8021		0.14	1.66	95	0.19	12.35	89	1.9
KZ05X8022		0.07	3.42	199	0.23	15.05	55	3.3
KZ05X8023		0.18	1.09	94	0.17	12.00	141	1.6
KZ05X8024		<0.02	0.82	271	0.21	10.35	29	2.6
KZ05X8025		0.36	0.48	1	0.08	2.28	17	4.7
KZ05X8026		0.02	0.52	102	0.12	4.32	25	1.5
KZ05X8027		0.02	0.97	153	8.13	10.20	89	1.5
KZ05X8028		0.04	0.95	85	0.25	9.40	41	2.3
KZ05X8029		0.02	0.27	122	0.09	6.98	48	3.0
KZ05X8030		<0.02	0.81	265	0.18	9.74	34	2.7
KZ05X8031		0.04	4.77	413	30.40	14.25	105	1.5
KZ05X8032		0.02	20.10	171	56.70	12.20	42	1.2
KZ05X8033		0.02	1.74	192	0.91	13.65	83	1.2
KZ05X8034		<0.02	1.26	66	0.32	11.65	83	1.7
KZ05X8035		0.17	1.49	91	0.24	13.30	106	3.2
KZ05X8036		0.14	1.08	170	0.31	12.25	97	6.1
KZ05X8037		0.13	0.94	130	0.19	13.25	112	2.9
KZ05X8038		0.05	2.12	78	0.43	11.45	103	3.0
KZ05X8039		<0.02	1.96	55	0.19	11.75	56	11.3
KZ05X8040		<0.02	0.77	218	0.18	9.54	41	3.0

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 24-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064727

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
KZ05X8041		12.48	0.126	0.25	1.54	57.4	<10	30	0.13	0.05	2.53	0.20	4.82	28.1	99	0.75
KZ05X8042		11.50	0.170	0.53	0.64	9.9	<10	50	0.32	3.28	0.97	0.78	38.00	17.2	14	1.18
KZ05X8043		11.12	0.117	0.89	0.89	34.5	<10	110	0.33	2.53	2.22	0.29	32.70	14.9	20	1.04
KZ05X8044		9.68	0.726	0.12	2.05	15.0	<10	270	0.41	0.08	1.04	0.16	16.50	34.6	183	6.96
KZ05X8045		0.08	1.710	19.00	0.21	2.9	<10	40	0.21	0.07	0.26	0.08	4.67	1.3	4	0.09
KZ05X8101		3.44	0.006	0.06	0.70	1.2	<10	40	0.08	0.02	0.41	0.05	15.65	5.2	28	0.44
KZ05X8102		13.52	0.004	0.11	3.96	13.5	20	330	0.45	0.04	2.38	0.25	15.90	26.4	16	1.44
KZ05X8103		13.76	0.004	0.19	1.36	34.1	<10	350	0.50	0.35	2.99	0.60	37.60	16.1	16	1.67
KZ05X8104		11.86	0.048	0.18	1.44	49.6	<10	170	0.51	0.24	0.95	0.49	27.40	13.4	28	2.69
KZ05X8105		8.72	0.014	0.34	1.50	85.6	<10	130	0.39	0.23	3.55	1.02	19.35	16.7	31	3.38
KZ05X8106		8.36	0.130	0.14	1.02	24.8	<10	100	0.48	0.22	0.56	0.37	30.00	8.1	17	1.40
KZ05X8107		12.28	0.536	0.28	0.60	7.9	<10	60	0.30	10.30	1.08	0.35	34.50	15.0	22	0.89
KZ05X8108		0.08	0.999	10.10	0.22	2.9	10	30	0.21	0.08	0.25	0.07	4.81	0.9	5	0.09

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 24-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064727

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
KZ05X8041		104.5	5.80	4.39	0.17	0.13	0.01	0.014	0.04	2.2	10.9	1.42	497	0.61	0.03	0.05
KZ05X8042		111.0	11.15	5.18	0.25	0.09	0.03	0.034	0.05	18.5	8.0	0.49	877	8.26	0.01	0.33
KZ05X8043		93.1	7.60	4.73	0.17	0.10	0.02	0.019	0.05	15.6	9.1	0.80	668	3.56	0.01	0.17
KZ05X8044		104.0	8.63	5.95	0.23	0.15	2.32	0.027	0.09	7.8	13.0	3.55	914	0.87	0.07	0.09
KZ05X8045		5.8	3.06	0.64	0.05	0.22	0.03	<0.005	0.01	2.0	0.4	0.06	120	0.67	0.11	0.09
KZ05X8101		8.8	3.77	3.14	0.10	0.07	0.01	0.009	0.09	8.3	5.1	0.27	237	0.33	0.03	0.25
KZ05X8102		127.0	6.72	9.57	0.14	0.18	0.08	0.047	0.10	7.0	9.7	1.26	1350	1.26	0.58	0.10
KZ05X8103		55.9	5.04	4.48	0.11	0.13	0.18	0.035	0.09	18.0	11.0	0.85	998	2.27	0.04	0.11
KZ05X8104		53.1	4.25	5.36	0.10	0.08	0.08	0.036	0.09	13.8	15.3	1.00	766	2.25	0.03	0.59
KZ05X8105		78.6	4.65	5.39	0.11	0.10	0.11	0.041	0.07	9.5	10.8	0.99	809	4.34	0.04	0.27
KZ05X8106		20.5	3.72	4.53	0.11	0.07	0.03	0.022	0.06	15.3	10.6	0.58	780	1.96	0.02	1.04
KZ05X8107		105.0	10.65	6.02	0.24	0.11	0.05	0.024	0.05	16.6	7.1	0.48	539	6.61	0.01	0.29
KZ05X8108		8.4	3.05	0.62	0.05	0.22	0.03	<0.005	0.01	2.1	0.4	0.05	36	0.91	0.12	0.07

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

o: BARRICK GOLD CORPORATION
PO BOX 11120
700-1055 W GEORGIA ST
VANCOUVER BC V6E 3P3

Finalized Date: 24-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064727

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
KZ05X8041		55.0	730	7.6	2.0	0.001	0.61	1.26	6.8	1.0	0.2	49.3	<0.01	0.06	0.3	0.122
KZ05X8042		6.2	3040	24.5	3.8	0.001	0.66	1.04	2.4	0.6	0.3	36.8	<0.01	0.92	3.4	0.053
KZ05X8043		13.4	2540	15.1	3.1	0.001	0.44	1.29	2.9	0.7	0.3	86.0	<0.01	0.37	6.0	0.046
KZ05X8044		230.0	1110	10.7	6.0	0.001	0.08	3.07	9.5	0.6	0.3	62.3	<0.01	0.03	1.5	0.124
KZ05X8045		4.9	630	126.5	0.8	<0.001	2.92	0.71	0.6	0.2	0.5	6.1	<0.01	0.01	2.9	<0.005
KZ05X8101		8.4	600	8.0	6.6	<0.001	<0.01	0.36	1.9	0.2	0.2	26.5	<0.01	0.02	3.4	0.069
KZ05X8102		15.0	850	9.7	4.9	0.002	0.09	1.79	18.4	0.9	0.5	190.5	<0.01	0.03	1.4	0.110
KZ05X8103		14.5	2140	40.4	4.1	0.001	0.47	1.72	7.7	0.9	0.3	235.0	<0.01	0.07	4.2	0.031
KZ05X8104		24.3	1040	18.0	6.7	0.002	0.14	2.48	6.7	1.0	0.5	61.7	<0.01	0.06	4.2	0.069
KZ05X8105		24.9	1290	29.0	4.2	0.005	0.30	3.90	8.6	2.4	0.3	166.5	0.01	0.09	2.0	0.060
KZ05X8106		14.9	910	20.3	4.6	0.001	0.04	1.07	3.5	0.7	0.6	36.2	0.01	0.06	6.9	0.088
KZ05X8107		7.7	2430	15.9	3.7	0.001	0.30	0.82	2.5	0.5	0.4	35.1	<0.01	0.10	15.1	0.060
KZ05X8108		2.8	620	110.0	0.8	<0.001	2.91	0.66	0.6	0.2	0.6	5.5	<0.01	0.01	2.8	<0.005

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 24-AUG-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05064727

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
KZ05X8041		<0.02	0.13	238	1.01	5.06	41	2.6
KZ05X8042		0.02	1.68	332	19.05	13.80	83	1.4
KZ05X8043		<0.02	2.20	233	2.44	12.80	50	1.5
KZ05X8044		0.06	0.76	190	0.15	10.10	89	4.3
KZ05X8045		0.34	0.46	1	0.09	2.41	19	4.8
KZ05X8101		0.02	0.51	101	0.11	4.39	24	1.5
KZ05X8102		0.09	0.52	190	0.07	14.80	92	5.4
KZ05X8103		0.13	1.37	98	0.10	13.60	118	4.2
KZ05X8104		0.11	1.14	85	0.75	11.85	95	2.1
KZ05X8105		0.25	0.99	119	0.16	12.75	143	3.1
KZ05X8106		0.06	2.69	74	0.19	10.85	77	1.8
KZ05X8107		0.02	9.65	384	36.40	13.50	54	1.7
KZ05X8108		0.33	0.44	1	0.17	2.36	16	4.8

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-SEP-2005
Account: ATC

CERTIFICATE VA05072137

Project: KIZMET-2052

P.O. No.: KZ-9

This report is for 119 Rock samples submitted to our lab in Vancouver, BC, Canada on 29-AUG-2005.

The following have access to data associated with this certificate:

ROBERT BROWN ACCOUNTS PAYABLE	BARRICK KIZMET	RICHARD MANN

SAMPLE PREPARATION

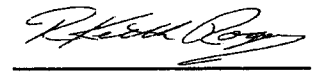
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um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

ANALYTICAL PROCEDURES

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

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072137

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
KZ05R0280		0.14	<0.001	<0.2	1.12	2	<10	220	<0.5	<2	0.62	<0.5	4	149	3	2.39
KZ05R0281		0.60	<0.001	<0.2	0.10	3	<10	<10	<0.5	2	17.5	<0.5	2	8	6	5.39
KZ05R0282		0.64	<0.001	<0.2	2.50	<2	<10	100	<0.5	2	4.76	<0.5	25	57	26	4.47
KZ05R0283		0.80	0.002	<0.2	0.30	70	<10	130	<0.5	3	15.3	<0.5	3	5	24	5.27
KZ05R0284		0.88	<0.001	0.2	0.42	6	<10	20	1.9	<2	0.17	<0.5	1	26	1	0.36
KZ05R0285		0.32	0.004	0.2	0.40	22	<10	70	<0.5	<2	0.10	<0.5	1	5	3	0.97
KZ05R0286		0.48	<0.001	<0.2	0.75	118	<10	40	0.5	2	7.43	<0.5	32	54	49	5.06
KZ05R0287		0.54	0.003	0.3	0.21	196	<10	20	<0.5	<2	10.45	<0.5	7	5	48	2.88
KZ05R0288		0.48	0.006	<0.2	0.37	175	<10	20	0.6	<2	0.17	<0.5	1	30	2	0.37
CLEAN ROCK 1		1.38	0.002	<0.2	1.98	14	<10	60	<0.5	<2	1.40	<0.5	10	24	36	2.83
KZ05R0289		0.58	0.002	<0.2	2.75	6	<10	20	<0.5	<2	2.88	<0.5	17	73	230	4.24
KZ05R0290		0.54	0.006	<0.2	0.06	458	<10	10	<0.5	<2	21.1	<0.5	1	1	4	2.97
KZ05R0291		0.38	0.005	<0.2	0.32	51	<10	<10	1.1	<2	0.16	<0.5	<1	50	2	0.34
KZ05R0292		0.38	0.016	0.4	0.19	174	<10	10	0.5	<2	14.6	<0.5	3	24	11	2.03
KZ05R0293		0.32	0.279	87.5	4.06	421	<10	20	<0.5	14	0.22	11.0	54	10	>10000	18.6
KZ05R0294		0.78	0.013	<0.2	0.24	6	10	150	<0.5	2	19.3	<0.5	91	136	259	6.14
KZ05R0295		0.76	0.086	0.6	0.15	4	10	70	<0.5	<2	19.5	<0.5	108	6	431	6.99
KZ05R0296		0.42	0.003	0.2	2.82	3	<10	170	<0.5	3	1.24	<0.5	30	223	347	3.66
KZ05R0297		0.30	0.001	<0.2	1.60	4	<10	60	<0.5	<2	0.84	<0.5	10	28	35	2.60
CLEAN ROCK 2		1.32	0.001	0.6	2.12	3	<10	<10	<0.5	2	19.2	<0.5	15	19	8	8.61
KZ05R0298		0.92	0.002	0.4	2.73	3	<10	10	<0.5	<2	2.01	<0.5	31	144	103	4.11
KZ05R0299		0.46	<0.001	<0.2	0.59	3	<10	110	0.6	2	2.71	<0.5	6	21	9	2.21
KZ05R0300		0.08	0.939	12.0	0.21	2	10	30	<0.5	<2	0.26	<0.5	1	5	8	3.17
KZ05R0301		0.16	0.002	<0.2	1.06	<2	<10	220	<0.5	<2	0.60	<0.5	5	11	9	2.44
KZ05R0302		0.60	0.002	0.3	1.35	3	<10	70	<0.5	9	0.57	<0.5	27	12	26	4.97
KZ05R0303		0.54	<0.001	<0.2	1.58	<2	<10	250	<0.5	<2	1.45	<0.5	11	15	17	3.78
KZ05R0304		0.40	<0.001	<0.2	0.30	8	<10	50	<0.5	<2	0.02	<0.5	3	3	7	1.09
KZ05R0305		0.64	0.002	0.5	5.53	8	10	150	<0.5	<2	7.57	<0.5	37	134	115	6.42
KZ05R0305D		<0.02	0.002	0.3	5.45	11	<10	150	<0.5	3	7.46	<0.5	37	135	113	6.38
CLEAN ROCK 3		1.38	0.001	<0.2	2.36	4	<10	100	<0.5	<2	1.67	<0.5	11	41	38	2.63
KZ05R0306		0.52	0.002	<0.2	6.02	4	<10	60	<0.5	<2	4.75	<0.5	31	155	115	6.95
KZ05R0307		0.32	0.004	<0.2	3.25	50	<10	260	<0.5	<2	0.76	<0.5	37	19	185	7.11
KZ05R0308		0.48	0.004	<0.2	6.23	12	<10	90	<0.5	<2	4.69	<0.5	29	15	161	8.05
KZ05R0309		0.54	<0.001	<0.2	0.66	2	<10	240	<0.5	<2	1.03	<0.5	6	8	17	3.27
KZ05R0310		0.58	0.002	<0.2	0.30	136	<10	110	<0.5	<2	0.03	<0.5	1	27	4	0.70
KZ05R0311		0.54	0.003	<0.2	6.44	3	<10	50	0.5	<2	3.46	<0.5	24	8	171	7.24
KZ05R0312		0.56	0.003	<0.2	5.14	17	10	110	<0.5	<2	5.25	<0.5	26	87	134	6.50
KZ05R0313		0.66	0.004	<0.2	0.35	8	<10	90	<0.5	<2	0.36	<0.5	4	5	6	2.09
KZ05R0314		0.46	<0.001	<0.2	0.77	<2	<10	400	0.5	<2	1.46	<0.5	7	18	12	2.79
CLEAN ROCK 4		1.30	0.001	<0.2	2.07	4	<10	170	<0.5	<2	1.34	<0.5	10	25	23	2.91

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072137

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
KZ05R0280		<10	<0.01	0.50	10	0.59	562	1	0.08	7	730	4	0.01	<2	2	72
KZ05R0281		<10	0.02	0.01	<10	8.89	1550	<1	0.01	4	40	<2	<0.01	<2	2	312
KZ05R0282		10	0.02	0.04	<10	2.62	1055	<1	0.03	42	470	<2	<0.01	<2	14	83
KZ05R0283		<10	0.21	0.04	<10	6.43	1320	2	0.02	5	290	<2	1.0	7	4	421
KZ05R0284		<10	0.07	0.21	10	0.09	71	<1	0.01	2	20	16	<0.01	<2	1	7
KZ05R0285		<10	<0.01	0.18	20	0.14	378	1	0.04	2	30	11	0.01	<2	1	7
KZ05R0286		<10	0.06	0.13	<10	2.86	1060	1	0.01	76	860	<2	0.03	3	8	188
KZ05R0287		<10	0.08	0.05	<10	4.81	1445	1	0.01	42	110	3	0.21	24	2	131
KZ05R0288		<10	0.01	0.19	20	0.06	28	<1	<0.01	3	20	11	<0.01	3	<1	5
CLEAN ROCK 1		10	0.01	0.11	<10	0.76	474	1	0.10	18	600	4	0.10	<2	5	72
KZ05R0289		10	0.01	0.07	<10	2.46	555	1	0.05	27	760	<2	0.02	2	7	41
KZ05R0290		<10	0.02	<0.01	<10	9.64	1380	3	0.01	3	40	<2	<0.01	8	2	147
KZ05R0291		<10	<0.01	0.20	10	0.05	42	1	<0.01	1	10	16	0.01	2	<1	3
KZ05R0292		<10	0.02	0.01	<10	7.50	896	6	0.01	4	240	10	0.21	6	1	145
KZ05R0293		10	0.80	0.01	<10	4.31	569	5	0.01	136	350	2	2.13	3	16	13
KZ05R0294		<10	0.01	<0.01	<10	7.95	4010	2	0.02	118	40	<2	1.2	<2	4	560
KZ05R0295		<10	0.02	<0.01	<10	8.92	4790	1	0.02	58	50	<2	2.4	<2	2	654
KZ05R0296		10	0.01	0.79	<10	3.27	547	<1	0.03	120	890	2	0.07	<2	3	30
KZ05R0297		<10	0.01	0.14	<10	0.86	447	<1	0.12	25	630	4	0.05	<2	4	52
CLEAN ROCK 2		10	<0.01	0.01	<10	1.76	1505	<1	0.02	9	340	4	<0.01	<2	18	154
KZ05R0298		10	0.02	0.04	<10	2.64	513	<1	0.03	51	520	<2	0.02	2	6	23
KZ05R0299		<10	0.54	0.23	10	0.21	785	1	0.01	5	930	10	0.06	3	3	39
KZ05R0300		<10	0.04	0.01	<10	0.05	36	1	0.11	4	620	132	3.08	<2	<1	6
KZ05R0301		<10	<0.01	0.51	10	0.63	568	<1	0.07	6	760	4	<0.01	<2	2	66
KZ05R0302		10	<0.01	0.87	10	1.16	522	5	0.07	8	1510	5	3.31	<2	5	41
KZ05R0303		10	0.05	0.10	10	1.43	978	1	0.12	5	1230	5	<0.01	<2	7	114
KZ05R0304		<10	0.71	0.11	<10	0.02	181	<1	0.03	3	100	2	<0.01	<2	1	6
KZ05R0305		10	0.36	0.08	<10	2.98	1185	<1	2.00	65	840	3	0.07	<2	31	154
KZ05R0305D		10	0.33	0.08	<10	2.96	1175	<1	1.96	63	800	<2	0.06	2	31	150
CLEAN ROCK 3		10	0.02	0.08	<10	0.77	373	1	0.19	20	560	4	0.11	<2	4	73
KZ05R0306		10	0.08	0.04	<10	2.58	1130	1	3.1	42	900	2	0.08	<2	31	161
KZ05R0307		10	0.02	0.13	<10	0.42	1465	<1	0.39	19	790	5	0.04	<2	23	82
KZ05R0308		20	0.02	0.03	<10	2.01	1125	1	2.9	12	740	2	0.53	<2	28	138
KZ05R0309		<10	0.01	0.17	20	0.36	700	1	0.09	5	1130	<2	0.01	<2	6	45
KZ05R0310		<10	5.35	0.09	<10	0.01	30	1	0.03	3	50	6	0.04	<2	<1	12
KZ05R0311		20	0.04	0.04	<10	2.56	1330	<1	2.8	12	1110	3	0.02	2	18	113
KZ05R0312		10	0.07	0.04	<10	2.65	1145	3	2.38	22	870	2	1.18	<2	26	102
KZ05R0313		<10	0.89	0.10	10	0.06	291	<1	0.04	4	450	3	<0.01	<2	3	15
KZ05R0314		<10	0.05	0.22	20	0.62	725	2	0.08	4	1080	3	0.01	<2	4	107
CLEAN ROCK 4		10	0.02	0.15	<10	0.83	483	1	0.14	16	610	5	0.14	<2	5	59

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072137

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Cu-AA46 Cu % 0.01	Ag-GRA21 Ag ppm 5
KZ05R0280		0.16	<10	<10	38	<10	47		
KZ05R0281		<0.01	<10	10	14	<10	25		
KZ05R0282		0.13	<10	10	132	<10	44		
KZ05R0283		<0.01	<10	10	34	<10	27		
KZ05R0284		<0.01	<10	<10	3	<10	10		
KZ05R0285		<0.01	<10	<10	2	<10	35		
KZ05R0286		<0.01	<10	<10	92	<10	69		
KZ05R0287		<0.01	<10	10	26	<10	43		
KZ05R0288		<0.01	<10	<10	1	<10	9		
CLEAN ROCK 1		0.23	<10	<10	70	<10	41		
KZ05R0289		0.20	<10	<10	137	<10	19		
KZ05R0290		<0.01	<10	10	21	<10	22		
KZ05R0291		<0.01	<10	<10	1	<10	12		
KZ05R0292		<0.01	<10	10	56	<10	36		
KZ05R0293		0.01	<10	<10	239	<10	249	3.44	87
KZ05R0294		<0.01	<10	<10	30	<10	8		
KZ05R0295		<0.01	<10	<10	32	<10	7		
KZ05R0296		0.19	<10	<10	71	<10	39		
KZ05R0297		0.13	<10	<10	68	<10	42		
CLEAN ROCK 2		0.02	<10	<10	151	10	27		
KZ05R0298		0.18	<10	<10	115	<10	49		
KZ05R0299		<0.01	<10	<10	34	<10	45		
KZ05R0300		<0.01	<10	<10	1	<10	17		
KZ05R0301		0.16	<10	<10	38	<10	47		
KZ05R0302		0.18	<10	<10	100	<10	70		
KZ05R0303		0.11	<10	<10	98	<10	73		
KZ05R0304		<0.01	<10	<10	24	<10	17		
KZ05R0305		0.02	<10	<10	201	<10	73		
KZ05R0305D		0.02	<10	<10	198	<10	73		
CLEAN ROCK 3		0.16	<10	<10	75	<10	41		
KZ05R0306		0.02	<10	20	207	<10	81		
KZ05R0307		<0.01	<10	<10	169	<10	85		
KZ05R0308		0.07	<10	20	298	<10	95		
KZ05R0309		0.05	<10	<10	62	<10	55		
KZ05R0310		<0.01	<10	<10	2	<10	8		
KZ05R0311		0.02	<10	20	265	<10	96		
KZ05R0312		0.35	<10	20	215	<10	82		
KZ05R0313		<0.01	<10	<10	28	<10	32		
KZ05R0314		0.06	<10	<10	45	<10	51		
CLEAN ROCK 4		0.20	<10	<10	66	<10	51		

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072137

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	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	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
KZ05R0315		0.46	0.001	<0.2	0.56	3	<10	160	0.5	<2	2.42	<0.5	7	13	11	2.91
KZ05R0316		0.42	<0.001	<0.2	0.54	6	<10	140	<0.5	<2	0.03	<0.5	1	3	5	0.54
KZ05R0317		0.50	0.002	<0.2	0.46	<2	<10	80	<0.5	<2	0.02	<0.5	1	19	1	0.79
KZ05R0318		0.44	0.001	<0.2	0.54	77	<10	1080	<0.5	<2	0.01	<0.5	1	2	1	0.40
KZ05R0319		0.56	<0.001	<0.2	0.45	<2	<10	130	0.6	<2	1.30	<0.5	3	21	3	2.05
KZ05R0320		0.56	<0.001	<0.2	0.44	<2	<10	140	0.6	<2	1.06	<0.5	4	4	5	2.01
KZ05R0321		0.54	<0.001	<0.2	0.63	36	<10	330	0.7	<2	0.20	<0.5	9	13	11	3.48
KZ05R0322		0.54	0.001	<0.2	0.52	1780	<10	80	<0.5	<2	0.80	<0.5	5	3	14	4.82
KZ05R0323		0.70	0.007	<0.2	0.48	3200	<10	50	<0.5	<2	0.11	<0.5	3	13	10	7.82
CLEAN ROCK 5		1.26	0.004	<0.2	1.83	23	<10	80	<0.5	<2	1.11	<0.5	10	29	25	2.82
KZ05R0324		0.58	0.001	<0.2	0.48	307	<10	120	<0.5	<2	0.01	<0.5	1	27	2	0.55
KZ05R0325		0.08	1.810	20.9	0.20	4	<10	40	<0.5	<2	0.25	<0.5	2	4	5	3.10
KZ05R2265		0.14	0.007	<0.2	1.22	3	<10	240	<0.5	<2	0.69	<0.5	5	11	5	2.63
KZ05R2266		0.58	0.008	<0.2	0.79	8	<10	80	<0.5	<2	7.84	<0.5	24	101	97	5.13
KZ05R2267		0.48	0.008	<0.2	3.09	5	<10	210	<0.5	<2	1.76	<0.5	21	138	57	4.88
KZ05R2268		0.56	<0.001	3.8	0.57	4450	<10	40	<0.5	57	6.67	5.6	138	9	9100	6.54
KZ05R2269		0.36	<0.001	0.2	0.61	19	<10	110	<0.5	<2	0.19	<0.5	2	2	35	1.18
KZ05R2270		0.48	0.001	<0.2	0.58	22	<10	120	0.6	<2	0.19	<0.5	3	10	34	1.14
KZ05R2271		0.50	0.001	<0.2	0.55	<2	<10	10	<0.5	<2	2.32	<0.5	2	6	2	1.21
CLEAN ROCK 6		1.46	<0.001	<0.2	1.68	5	<10	60	<0.5	<2	1.04	<0.5	8	42	21	2.48
KZ05R2272		0.20	<0.001	<0.2	0.29	<2	<10	30	<0.5	<2	1.29	<0.5	1	5	3	1.17
KZ05R2273		0.18	<0.001	<0.2	0.80	<2	<10	10	<0.5	<2	3.38	<0.5	3	11	3	1.25
KZ05R2274		0.30	<0.001	<0.2	0.75	3	<10	10	<0.5	<2	3.03	<0.5	3	8	1	2.52
KZ05R2275		0.08	0.960	11.5	0.21	<2	10	30	<0.5	<2	0.25	<0.5	1	4	8	3.02
KZ05R2276		0.18	0.002	<0.2	1.11	<2	<10	240	<0.5	<2	0.61	<0.5	5	58	4	2.39
KZ05R2277		0.34	0.002	<0.2	0.49	<2	<10	240	<0.5	<2	7.48	<0.5	19	23	19	5.14
KZ05R2278		0.54	0.008	<0.2	0.85	113	<10	20	<0.5	<2	0.29	1.7	17	14	47	5.10
KZ05R2279		0.30	0.001	<0.2	0.49	8	<10	30	<0.5	<2	1.48	<0.5	12	8	96	3.05
KZ05R2280		1.04	0.001	<0.2	0.13	28	<10	700	<0.5	<2	4.92	<0.5	168	94	11	2.41
CLEAN ROCK 7		1.30	0.001	<0.2	1.98	4	<10	80	<0.5	<2	1.05	<0.5	9	48	26	3.34
KZ05R2280D		<0.02	0.001	<0.2	0.10	27	<10	630	<0.5	<2	4.91	<0.5	156	85	8	2.20
KZ05R2281		0.38	<0.001	<0.2	0.46	180	<10	200	<0.5	<2	12.90	<0.5	7	2	34	4.88
KZ05R2282		0.44	0.001	<0.2	0.73	156	<10	30	<0.5	<2	0.08	<0.5	14	9	97	7.76
KZ05R2283		0.38	<0.001	<0.2	2.41	5	<10	230	<0.5	<2	1.30	<0.5	15	2	53	5.54
KZ05R2284		0.48	0.001	<0.2	0.47	25	<10	10	<0.5	<2	12.90	<0.5	8	16	8	4.12
KZ05R2285		0.50	<0.001	<0.2	0.51	15	<10	3020	<0.5	<2	0.16	<0.5	5	3	4	2.02
KZ05R2286		0.58	0.001	<0.2	0.53	2	<10	200	0.5	<2	2.17	<0.5	7	16	8	3.15
KZ05R2287		0.38	<0.001	<0.2	0.50	3	10	370	0.5	<2	5.59	<0.5	1	16	14	2.38
KZ05R2288		0.68	0.001	<0.2	0.38	5	<10	470	<0.5	2	4.90	<0.5	<1	3	1	0.72
CLEAN ROCK 8		1.38	<0.001	0.2	1.98	6	<10	90	<0.5	<2	1.08	<0.5	10	44	24	2.76

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072137

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
KZ05R0315		<10	0.01	0.17	20	0.16	835	3	0.05	3	1060	4	0.09	<2	4	76
KZ05R0316		<10	0.28	0.12	10	0.01	174	17	0.01	2	30	8	<0.01	<2	<1	10
KZ05R0317		<10	0.86	0.10	10	0.01	215	<1	0.01	1	30	9	<0.01	<2	1	4
KZ05R0318		<10	3.97	0.01	<10	<0.01	12	3	<0.01	1	10	21	0.05	<2	<1	18
KZ05R0319		<10	0.06	0.11	20	0.05	976	3	0.04	3	510	10	<0.01	<2	1	77
KZ05R0320		<10	0.11	0.10	20	0.04	973	3	0.03	2	510	11	0.01	<2	1	60
KZ05R0321		<10	0.27	0.16	10	0.04	911	2	0.02	3	1090	7	0.05	<2	2	28
KZ05R0322		<10	4.46	0.08	20	0.10	341	3	<0.01	3	1150	23	2.15	4	4	63
KZ05R0323		<10	6.35	0.08	<10	0.01	118	11	<0.01	2	620	23	4.29	3	3	17
CLEAN ROCK 5		10	0.05	0.10	<10	0.95	443	1	0.14	20	550	5	0.07	<2	5	61
KZ05R0324		<10	1.47	0.03	10	<0.01	25	1	<0.01	1	30	11	0.02	<2	<1	21
KZ05R0325		<10	0.08	0.01	<10	0.05	116	1	0.10	5	630	134	3.02	<2	<1	6
KZ05R2265		10	0.01	0.57	10	0.69	627	1	0.08	7	830	3	0.01	2	3	80
KZ05R2266		<10	0.06	0.29	<10	3.79	1110	<1	0.02	39	530	<2	0.02	<2	29	189
KZ05R2267		10	0.04	0.51	<10	3.67	789	<1	0.03	68	600	<2	0.15	<2	25	50
KZ05R2268		<10	1.31	0.17	10	0.09	675	9	0.01	119	1210	5	6.03	175	3	51
KZ05R2269		<10	0.17	0.27	10	0.07	163	1	0.08	2	430	19	0.02	2	3	10
KZ05R2270		<10	0.15	0.24	30	0.05	168	1	0.07	2	440	17	0.01	2	2	10
KZ05R2271		<10	0.05	0.01	<10	0.85	227	<1	<0.01	5	490	<2	<0.01	<2	4	21
CLEAN ROCK 6		10	0.01	0.14	<10	0.77	448	1	0.12	19	480	4	0.07	<2	6	41
KZ05R2272		<10	0.02	0.02	<10	0.47	318	<1	0.07	4	680	<2	<0.01	<2	4	10
KZ05R2273		<10	<0.01	0.01	<10	1.53	239	<1	<0.01	9	590	<2	0.01	<2	25	26
KZ05R2274		<10	0.01	0.01	<10	1.06	221	<1	<0.01	10	700	<2	<0.01	<2	2	17
KZ05R2275		<10	0.04	0.01	<10	0.05	34	1	0.11	3	600	123	2.93	<2	<1	6
KZ05R2276		10	0.01	0.54	10	0.64	586	1	0.08	8	800	3	<0.01	<2	3	73
KZ05R2277		<10	0.03	0.02	<10	2.90	839	1	0.01	22	400	<2	0.03	<2	10	83
KZ05R2278		<10	0.57	0.06	<10	0.05	529	5	<0.01	11	930	6	<0.01	4	12	8
KZ05R2279		<10	0.02	0.04	10	0.18	321	<1	0.05	18	1630	<2	0.19	<2	20	15
KZ05R2280		<10	0.05	0.03	<10	2.31	515	1	0.01	140	220	<2	0.12	<2	6	39
CLEAN ROCK 7		10	0.01	0.14	<10	1.14	592	<1	0.11	23	620	8	0.07	3	7	32
KZ05R2280D		<10	0.05	0.03	<10	2.35	513	<1	0.02	122	230	<2	0.11	<2	5	36
KZ05R2281		<10	0.19	0.01	<10	3.56	1420	<1	0.02	<1	480	<2	0.15	6	9	166
KZ05R2282		<10	1.53	0.01	<10	0.02	459	1	0.01	12	1440	<2	0.03	16	22	3
KZ05R2283		10	0.03	0.48	<10	1.16	1045	<1	0.06	1	1370	<2	0.03	<2	11	22
KZ05R2284		<10	0.13	0.01	<10	4.01	1130	3	0.02	12	570	<2	0.05	<2	18	145
KZ05R2285		<10	0.11	0.09	10	0.07	1045	<1	0.01	1	510	4	0.07	<2	2	18
KZ05R2286		<10	0.04	0.06	20	0.57	862	<1	0.04	3	1100	2	0.01	<2	5	132
KZ05R2287		<10	0.03	0.16	10	1.34	743	3	0.02	4	170	2	0.05	2	1	170
KZ05R2288		<10	0.68	0.03	<10	0.06	502	4	0.02	<1	70	24	0.04	<2	1	346
CLEAN ROCK 8		10	0.01	0.16	<10	0.87	411	<1	0.12	16	640	3	0.07	2	5	39

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072137

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-AA46	Ag-GRA21
	Analyte	Ti	Tl	U	V	W	Zn	Cu	Ag
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	10	10	1	10	2	0.01	5
KZ05R0315		<0.01	<10	<10	29	<10	54		
KZ05R0316		<0.01	<10	<10	2	<10	45		
KZ05R0317		<0.01	<10	<10	1	<10	32		
KZ05R0318		<0.01	<10	<10	1	<10	3		
KZ05R0319		0.01	<10	<10	19	<10	69		
KZ05R0320		0.01	<10	<10	18	<10	73		
KZ05R0321		<0.01	<10	<10	38	<10	90		
KZ05R0322		<0.01	<10	<10	34	<10	55		
KZ05R0323		<0.01	<10	<10	33	<10	180		
CLEAN ROCK 5		0.21	<10	<10	71	<10	48		
KZ05R0324		<0.01	<10	<10	1	<10	4		
KZ05R0325		<0.01	<10	<10	1	<10	20		
KZ05R2265		0.18	<10	<10	42	<10	50		
KZ05R2266		0.01	<10	<10	136	<10	52		
KZ05R2267		0.05	<10	<10	171	<10	62		
KZ05R2268		<0.01	<10	<10	21	<10	406		
KZ05R2269		<0.01	<10	<10	11	<10	26		
KZ05R2270		<0.01	<10	<10	9	<10	26		
KZ05R2271		<0.01	<10	<10	27	<10	5		
CLEAN ROCK 6		0.18	<10	<10	60	<10	47		
KZ05R2272		0.01	<10	<10	33	<10	2		
KZ05R2273		<0.01	<10	<10	29	<10	9		
KZ05R2274		<0.01	<10	<10	52	<10	11		
KZ05R2275		<0.01	<10	<10	1	<10	16		
KZ05R2276		0.16	<10	<10	39	<10	48		
KZ05R2277		<0.01	<10	<10	127	<10	67		
KZ05R2278		<0.01	<10	<10	62	<10	161		
KZ05R2279		<0.01	<10	<10	145	<10	15		
KZ05R2280		<0.01	<10	<10	27	<10	17		
CLEAN ROCK 7		0.18	<10	<10	82	<10	59		
KZ05R2280D		<0.01	<10	<10	24	<10	15		
KZ05R2281		<0.01	<10	<10	41	<10	21		
KZ05R2282		<0.01	<10	<10	221	<10	67		
KZ05R2283		0.31	<10	<10	62	<10	82		
KZ05R2284		<0.01	<10	<10	77	<10	22		
KZ05R2285		<0.01	<10	<10	28	<10	41		
KZ05R2286		0.01	<10	<10	59	<10	54		
KZ05R2287		<0.01	<10	<10	9	<10	50		
KZ05R2288		<0.01	<10	10	5	<10	12		
CLEAN ROCK 8		0.17	<10	<10	71	<10	45		

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072137

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
KZ05R2289		0.54	<0.001	<0.2	0.60	7	<10	390	0.7	<2	2.70	<0.5	9	4	15	3.48
KZ05R2290		0.76	<0.001	0.2	0.73	4	<10	250	0.6	<2	1.74	<0.5	3	12	<1	1.96
KZ05R2291		0.62	0.001	0.2	0.45	25	<10	110	0.5	<2	2.02	<0.5	2	1	5	1.94
KZ05R2292		0.54	0.001	<0.2	0.40	41	<10	90	0.5	<2	1.40	<0.5	1	25	2	1.87
KZ05R2293		0.58	<0.001	<0.2	0.45	21	<10	120	<0.5	<2	0.11	<0.5	2	4	11	1.29
KZ05R2294		0.58	<0.001	<0.2	0.49	32	<10	390	<0.5	<2	0.07	<0.5	<1	32	5	1.56
KZ05R2295		0.48	<0.001	<0.2	0.69	22	<10	410	<0.5	<2	0.11	<0.5	<1	4	7	1.39
KZ05R2296		0.44	0.010	0.2	0.68	8	<10	380	<0.5	<2	0.03	<0.5	<1	14	3	1.96
KZ05R2297		0.64	<0.001	<0.2	0.47	664	<10	200	<0.5	<2	0.06	<0.5	<1	1	1	1.56
CLEAN ROCK 9		1.38	<0.001	<0.2	1.95	9	<10	90	<0.5	<2	1.26	<0.5	9	54	29	2.65
KZ05R2298		0.34	<0.001	<0.2	0.69	15	<10	150	0.6	<2	1.48	<0.5	8	4	12	3.32
KZ05R2299		0.82	<0.001	<0.2	0.68	17	<10	240	<0.5	<2	0.21	<0.5	11	21	11	0.99
KZ05R2300		0.08	1.265	<0.2	0.24	3	<10	20	<0.5	<2	0.15	<0.5	<1	2	1	0.41
KZ05R3229		0.12	0.004	<0.2	1.12	5	<10	220	<0.5	<2	0.60	<0.5	3	11	3	2.64
KZ05R3230		0.68	0.003	<0.2	1.62	7	<10	30	<0.5	<2	0.32	<0.5	12	26	82	3.93
KZ05R3230D		<0.02	0.002	0.2	1.58	7	<10	30	<0.5	<2	0.30	<0.5	11	15	80	4.12
KZ05R3231		0.94	<0.001	<0.2	0.67	126	<10	30	<0.5	<2	8.43	<0.5	38	276	164	4.96
KZ05R3232		0.86	0.001	<0.2	0.32	52	<10	10	<0.5	<2	0.04	<0.5	11	34	74	1.36
KZ05R3233		0.70	0.002	<0.2	0.70	19	<10	20	<0.5	<2	1.21	<0.5	22	77	167	2.55
CLEAN ROCK 10		1.26	0.001	<0.2	2.01	4	<10	100	<0.5	<2	0.98	<0.5	8	37	29	3.04
KZ05R3234		0.62	0.001	<0.2	0.18	12	<10	20	<0.5	<2	0.03	<0.5	<1	3	5	1.02
KZ05R3235		0.70	<0.001	<0.2	0.76	<2	<10	20	<0.5	<2	5.85	<0.5	11	48	22	4.06
KZ05R3236		0.68	0.195	0.2	0.31	62	<10	40	<0.5	<2	4.87	<0.5	99	24	3600	4.76
KZ05R3237		0.46	0.006	0.2	0.34	54	<10	10	0.6	<2	0.12	<0.5	<1	22	13	0.67
KZ05R3238		0.58	0.001	0.2	1.40	7	<10	30	<0.5	<2	21.5	<0.5	4	10	18	2.02
KZ05R3239		0.72	0.029	0.6	2.53	5	<10	10	<0.5	9	5.69	<0.5	23	49	5870	5.91
KZ05R3240		0.64	0.158	18.1	0.18	131	<10	10	<0.5	<2	0.24	<0.5	5	10	27	1.28
KZ05R3241		0.70	0.001	<0.2	0.64	47	<10	60	0.5	<2	1.65	<0.5	6	8	28	2.63
KZ05R3242		0.44	0.001	<0.2	0.52	31	<10	20	<0.5	<2	6.99	<0.5	67	227	144	5.08
CLEAN ROCK 11		1.34	0.001	<0.2	2.19	7	<10	80	<0.5	<2	1.52	<0.5	9	40	26	2.78
KZ05R3243		0.62	0.027	3.6	0.18	3100	<10	10	<0.5	<2	0.14	0.7	67	6	837	17.5
KZ05R3244		0.54	0.009	<0.2	0.88	28	<10	40	<0.5	<2	0.68	<0.5	11	257	144	7.61
KZ05R3245		0.46	<0.001	<0.2	0.63	13	10	510	0.6	<2	3.11	<0.5	5	4	8	2.66
KZ05R3246		0.56	0.001	<0.2	0.64	3	10	460	0.6	<2	2.82	<0.5	6	15	6	2.57
KZ05R3247		0.48	<0.001	<0.2	0.57	3	10	440	0.6	<2	2.58	<0.5	6	3	6	2.51
KZ05R3248		0.34	0.002	<0.2	0.79	26	10	260	0.7	<2	7.58	<0.5	16	31	41	4.33
KZ05R3249		0.52	<0.001	<0.2	0.25	14	<10	150	<0.5	<2	1.56	<0.5	<1	4	3	0.74
KZ05R3250		0.08	0.932	11.4	0.21	4	10	30	<0.5	<2	0.25	<0.5	<1	5	7	2.95

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072137

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
KZ05R2289		<10	0.19	0.09	10	0.14	919	2	0.01	3	1220	9	0.14	2	5	114
KZ05R2290		<10	0.18	0.16	20	0.17	1240	1	0.02	<1	630	7	0.05	<2	2	48
KZ05R2291		<10	0.04	0.09	10	0.08	1010	2	0.03	<1	480	21	0.28	2	1	144
KZ05R2292		<10	0.38	0.19	10	0.23	586	3	0.04	<1	210	24	0.36	<2	<1	86
KZ05R2293		<10	0.06	0.08	10	0.01	42	1	0.05	1	640	13	0.66	<2	2	44
KZ05R2294		<10	1.01	0.15	10	0.01	22	15	0.07	1	560	29	0.24	<2	2	118
KZ05R2295		<10	0.72	0.16	10	0.02	26	9	0.07	<1	700	21	0.14	<2	3	97
KZ05R2296		<10	0.16	0.21	20	0.03	70	4	0.01	<1	230	17	0.77	<2	<1	43
KZ05R2297		<10	0.50	0.06	10	0.01	457	1	0.01	<1	450	19	0.01	<2	2	10
CLEAN ROCK 9		10	0.01	0.13	<10	0.91	449	<1	0.11	21	570	8	0.08	<2	6	41
KZ05R2298		<10	0.22	0.09	20	0.08	1435	1	0.01	3	1360	3	0.03	<2	5	29
KZ05R2299		<10	0.02	0.13	20	0.04	182	<1	0.06	4	770	15	0.01	<2	5	53
KZ05R2300		<10	0.02	0.02	<10	0.07	39	<1	0.10	1	360	2	<0.01	<2	1	5
KZ05R3229		10	0.01	0.50	10	0.61	607	<1	0.08	5	770	2	<0.01	<2	2	64
KZ05R3230		<10	0.02	0.21	<10	1.94	260	<1	0.04	29	910	<2	2.72	<2	3	7
KZ05R3230D		<10	0.02	0.19	<10	1.90	257	<1	0.04	29	920	4	2.72	<2	3	7
KZ05R3231		<10	0.47	0.06	<10	5.56	1460	<1	0.03	201	940	<2	0.17	<2	29	148
KZ05R3232		<10	0.59	0.01	<10	0.04	273	<1	0.01	21	60	<2	0.03	28	6	62
KZ05R3233		<10	0.02	0.03	20	0.80	317	2	0.08	48	900	<2	0.31	<2	7	14
CLEAN ROCK 10		10	0.02	0.19	<10	0.92	488	1	0.12	15	710	7	0.07	2	6	47
KZ05R3234		<10	0.06	0.17	<10	0.03	12	<1	0.01	<1	160	<2	0.16	<2	<1	5
KZ05R3235		<10	0.02	0.07	<10	2.20	630	<1	0.02	17	990	<2	0.01	<2	28	68
KZ05R3236		<10	0.17	0.06	<10	2.43	516	6	0.05	26	890	<2	0.87	13	18	77
KZ05R3237		<10	0.04	0.17	20	0.04	43	3	0.01	<1	60	16	0.01	3	1	2
KZ05R3238		<10	0.02	0.11	<10	2.81	1550	17	0.02	15	570	2	2.1	<2	3	170
KZ05R3239		10	0.03	0.01	<10	1.99	776	<1	0.06	16	1140	<2	0.53	<2	9	34
KZ05R3240		<10	1.01	0.02	<10	0.05	120	7	0.01	8	650	6	0.15	9	1	4
KZ05R3241		<10	0.13	0.20	30	0.06	649	2	0.01	<1	1580	7	0.85	2	1	19
KZ05R3242		<10	0.69	0.05	<10	2.72	1195	<1	0.01	281	1940	<2	0.42	3	37	106
CLEAN ROCK 11		10	0.01	0.11	<10	0.89	447	<1	0.13	32	780	7	0.06	<2	5	55
KZ05R3243		<10	12.20	<0.01	<10	0.04	679	6	0.01	210	210	13	0.04	671	16	5
KZ05R3244		10	0.13	0.16	<10	0.53	113	3	0.02	56	1440	5	0.59	9	12	50
KZ05R3245		<10	0.07	0.22	20	0.33	1040	<1	0.03	3	1080	4	0.02	4	4	157
KZ05R3246		<10	0.03	0.21	20	0.30	1085	1	0.04	2	1070	5	0.01	<2	4	138
KZ05R3247		<10	0.01	0.22	20	0.56	777	<1	0.03	1	990	4	0.01	2	3	205
KZ05R3248		<10	0.26	0.13	10	1.01	1615	<1	0.03	18	1180	8	0.15	3	13	176
KZ05R3249		<10	0.08	0.10	20	0.05	535	3	0.05	<1	60	6	0.04	2	1	45
KZ05R3250		<10	0.06	0.01	<10	0.05	35	<1	0.12	3	640	120	2.97	<2	<1	5

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 8-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072137

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-AA46	Ag-GRA21
	Analyte	Ti	Tl	U	V	W	Zn	Cu	Ag
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	10	10	1	10	2	0.01	5
KZ05R2289		<0.01	<10	<10	47	<10	61		
KZ05R2290		0.02	<10	<10	17	<10	48		
KZ05R2291		<0.01	<10	<10	13	<10	31		
KZ05R2292		<0.01	<10	<10	3	<10	40		
KZ05R2293		<0.01	<10	<10	16	<10	9		
KZ05R2294		<0.01	<10	<10	42	<10	6		
KZ05R2295		<0.01	<10	<10	55	<10	9		
KZ05R2296		<0.01	<10	<10	3	<10	17		
KZ05R2297		<0.01	<10	<10	14	<10	45		
CLEAN ROCK 9		0.20	<10	<10	72	<10	45		
KZ05R2298		<0.01	<10	<10	59	<10	67		
KZ05R2299		0.01	<10	<10	35	<10	27		
KZ05R2300		<0.01	<10	<10	1	<10	3		
KZ05R3229		0.15	<10	<10	39	<10	46		
KZ05R3230		0.19	<10	<10	44	<10	15		
KZ05R3230D		0.20	<10	<10	42	<10	14		
KZ05R3231		<0.01	<10	10	130	<10	54		
KZ05R3232		<0.01	<10	<10	33	<10	23		
KZ05R3233		0.23	<10	<10	107	<10	15		
CLEAN ROCK 10		0.17	<10	<10	74	<10	54		
KZ05R3234		<0.01	<10	<10	5	<10	<2		
KZ05R3235		<0.01	<10	<10	147	<10	19		
KZ05R3236		<0.01	<10	<10	125	<10	15		
KZ05R3237		<0.01	<10	10	3	<10	8		
KZ05R3238		0.08	<10	10	35	<10	24		
KZ05R3239		0.28	<10	<10	162	<10	30		
KZ05R3240		<0.01	<10	<10	35	<10	29		
KZ05R3241		<0.01	<10	<10	8	<10	35		
KZ05R3242		<0.01	<10	<10	136	<10	35		
CLEAN ROCK 11		0.21	<10	<10	71	<10	51		
KZ05R3243		<0.01	<10	<10	72	<10	129		
KZ05R3244		0.19	<10	<10	90	<10	6		
KZ05R3245		0.04	<10	<10	44	<10	41		
KZ05R3246		0.04	<10	<10	43	<10	40		
KZ05R3247		0.02	<10	<10	40	<10	40		
KZ05R3248		<0.01	<10	<10	116	<10	123		
KZ05R3249		<0.01	<10	<10	2	<10	43		
KZ05R3250		<0.01	<10	<10	1	<10	19		

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 7-SEP-2005
Account: ATC

CERTIFICATE VA05072135

Project: KIZMET-2052

P.O. No.: KZ-10

This report is for 8 Stream Sediment samples submitted to our lab in Vancouver, BC, Canada on 29-AUG-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
SCR-41	Screen to -180um and save both
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS41	50 element aqua regia ICP-MS	
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

15 -09- 2005

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:

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 7-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072135

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
KZ05X8201		0.40	<0.001	0.02	0.50	0.8	<10	30	0.06	0.01	0.27	0.03	12.80	3.3	15	0.26
KZ05X8202		0.68	<0.001	0.04	0.60	4.9	<10	40	0.24	0.05	1.56	0.05	30.20	8.8	30	0.41
KZ05X8301		0.52	0.001	0.03	0.61	3.8	<10	30	0.24	0.04	1.46	0.04	23.30	6.5	22	0.41
KZ05X8302		0.56	<0.001	0.03	0.64	3.9	<10	50	0.24	0.04	1.34	0.05	22.00	6.5	17	0.49
KZ05X8303		0.56	0.002	0.04	0.66	3.9	<10	40	0.24	0.04	1.52	0.05	24.40	6.3	14	0.45
KZ05X8303D		<0.02	<0.001	0.03	0.65	4.1	<10	50	0.25	0.04	1.52	0.04	24.00	6.3	15	0.45
KZ05X8304		0.38	0.003	0.04	0.62	4.0	<10	40	0.22	0.04	1.39	0.04	23.60	6.7	15	0.46
KZ05X8305		0.06	1.045	10.50	0.21	2.7	10	30	0.19	0.06	0.24	0.08	4.44	0.8	5	0.08

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 7-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072135

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
KZ05X8201		5.9	2.59	2.20	0.08	0.04	0.01	<0.005	0.05	7.4	4.1	0.19	165	0.12	0.02	0.18
KZ05X8202		39.6	6.37	4.45	0.22	0.14	0.01	0.012	0.04	15.7	4.4	0.41	470	0.45	0.02	0.27
KZ05X8301		32.3	3.91	3.46	0.16	0.13	0.01	0.011	0.04	12.2	4.7	0.42	421	0.32	0.02	0.23
KZ05X8302		38.2	3.23	3.20	0.14	0.13	0.02	0.011	0.05	11.3	5.1	0.48	446	0.39	0.02	0.21
KZ05X8303		34.1	3.33	3.32	0.14	0.14	0.01	0.012	0.04	12.7	5.2	0.45	426	0.33	0.02	0.23
KZ05X8303D		32.6	3.32	3.41	0.15	0.14	0.01	0.011	0.04	12.4	5.2	0.44	419	0.34	0.02	0.25
KZ05X8304		36.2	3.44	3.36	0.15	0.13	0.01	0.011	0.04	12.2	5.1	0.44	422	0.36	0.02	0.24
KZ05X8305		8.0	2.87	0.64	0.05	0.18	0.02	<0.005	0.01	2.0	0.5	0.05	33	0.84	0.10	0.06

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 7-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072135

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
KZ05X8201		3.9	340	1.2	3.3	<0.001	0.02	0.10	1.3	<0.2	0.2	16.8	<0.01	0.01	1.6	0.050
KZ05X8202		8.4	3520	4.8	1.8	<0.001	0.05	0.50	3.1	0.4	0.4	37.3	<0.01	0.01	1.9	0.083
KZ05X8301		7.7	2670	3.8	1.6	<0.001	0.03	0.39	3.0	0.3	0.3	35.2	<0.01	0.01	2.5	0.071
KZ05X8302		8.3	2130	3.7	2.0	<0.001	0.04	0.39	3.2	0.3	0.3	35.1	<0.01	0.01	1.8	0.064
KZ05X8303		7.1	2640	3.7	1.8	<0.001	0.03	0.34	3.1	0.3	0.3	37.2	<0.01	<0.01	1.7	0.067
KZ05X8303D		6.9	2580	3.9	1.7	<0.001	0.03	0.34	3.1	0.3	0.3	36.9	<0.01	0.01	1.7	0.067
KZ05X8304		7.2	2370	3.8	1.9	<0.001	0.04	0.35	3.1	0.3	0.3	36.2	<0.01	0.01	1.7	0.063
KZ05X8305		2.8	620	116.0	0.7	<0.001	2.92	0.81	0.5	0.2	0.7	5.1	<0.01	0.01	2.6	<0.005

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 7-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072135

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
KZ05X8201		<0.02	0.25	69	0.08	2.68	16	1.0
KZ05X8202		<0.02	0.94	201	0.18	10.55	32	2.8
KZ05X8301		<0.02	0.70	120	0.16	8.44	28	2.5
KZ05X8302		<0.02	0.63	93	0.13	7.93	29	2.6
KZ05X8303		<0.02	0.69	100	0.14	8.72	27	2.7
KZ05X8303D		<0.02	0.70	99	0.14	8.71	26	2.8
KZ05X8304		<0.02	0.65	101	0.15	8.39	27	2.7
KZ05X8305		0.38	0.43	1	0.08	2.14	19	4.4

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 7-SEP-2005
Account: ATC

CERTIFICATE VA05072136

Project: KIZMET-2052

P.O. No.: KZ-11

This report is for 36 Soil samples submitted to our lab in Vancouver, BC, Canada on 29-AUG-2005.

The following have access to data associated with this certificate:

ROBERT BROWN ACCOUNTS PAYABLE	BARRICK KIZMET	RICHARD MANN

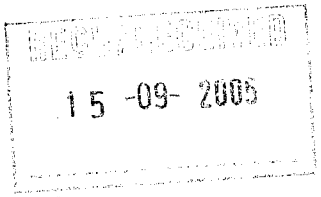
SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-41	Screen to -180um and save both
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS41	50 element aqua regia ICP-MS	
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:

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 7-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072136

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
KZ05S5001		0.22	0.001	0.08	2.98	18.2	<10	60	0.24	0.04	0.33	0.15	6.06	31.8	341	2.07
KZ05S5002		0.20	0.005	0.09	2.83	23.4	<10	70	0.25	0.05	0.40	0.16	6.74	34.8	362	2.14
KZ05S5003		0.26	0.002	0.06	2.90	13.4	<10	40	0.22	0.05	0.27	0.06	6.01	26.9	391	1.63
KZ05S5004		0.18	<0.001	0.09	2.10	27.2	<10	70	0.23	0.07	0.28	0.27	6.61	22.9	241	1.71
KZ05S5005		0.18	<0.001	0.13	2.00	27.9	<10	40	0.21	0.08	0.20	0.14	6.11	18.7	273	3.12
KZ05S5005D		<0.02	<0.001	0.12	1.95	30.7	<10	40	0.23	0.09	0.20	0.10	5.78	18.8	270	3.17
KZ05S5006		0.28	<0.001	0.13	1.76	45.2	<10	120	0.43	0.07	0.96	0.30	14.65	22.2	112	3.86
KZ05S5007		0.20	0.001	0.10	2.65	27.0	<10	90	0.30	0.07	0.87	0.15	9.86	28.9	293	2.42
KZ05S5008		0.24	0.002	0.04	2.13	62.7	<10	70	0.47	0.12	0.23	0.33	16.20	18.0	102	4.20
KZ05S5009		0.14	<0.001	0.13	1.68	37.4	<10	150	0.38	0.08	1.54	0.24	12.35	13.7	44	3.88
KZ05S5010		0.24	0.002	0.07	1.90	50.8	<10	150	0.52	0.10	1.39	0.17	14.55	13.9	83	4.54
KZ05S5011		0.28	0.003	0.04	2.26	76.7	<10	120	0.52	0.13	0.46	0.12	15.60	17.3	43	4.49
KZ05S5012		0.22	0.001	0.13	1.76	69.5	<10	200	0.36	0.15	0.73	0.12	14.35	12.2	34	3.23
KZ05S5013		0.18	<0.001	0.18	1.18	76.9	<10	190	0.45	0.12	1.88	0.26	11.95	13.1	26	3.59
KZ05S5014		0.18	0.022	0.11	1.52	186.5	<10	80	0.59	0.10	0.86	0.51	16.45	23.3	34	3.06
KZ05S5015		0.22	0.007	0.31	1.14	83.4	<10	50	0.46	0.07	1.44	1.64	12.80	13.9	19	1.77
KZ05S5016		0.16	0.012	0.08	2.15	196.5	<10	80	0.42	0.17	0.63	0.11	15.75	21.2	85	3.50
KZ05S5017		0.24	0.004	0.16	2.16	127.0	<10	70	0.46	0.11	1.78	0.10	12.40	26.3	311	2.98
KZ05S5018		0.24	0.001	0.12	1.82	135.0	<10	80	0.55	0.14	0.51	0.19	14.15	22.7	24	4.03
KZ05S5019		0.24	0.001	0.14	2.10	171.5	<10	70	0.56	0.29	0.29	0.21	17.85	26.8	38	5.02
KZ05S5020		0.14	0.005	0.27	1.16	144.0	<10	60	0.30	0.12	2.76	0.27	12.95	17.2	13	2.03
KZ05S5021		0.16	0.017	0.27	1.46	204.0	<10	60	0.38	0.13	2.33	0.28	14.40	20.9	16	2.20
KZ05S5022		0.22	0.003	0.26	1.34	222.0	<10	60	0.57	0.30	2.48	0.36	23.70	22.2	18	4.06
KZ05S5023		0.24	0.006	0.53	1.84	326.0	<10	100	0.58	0.51	0.54	0.17	17.20	7.8	32	3.62
KZ05S5024		0.22	<0.001	0.05	3.50	12.4	<10	110	0.33	0.04	0.69	0.11	9.42	38.2	364	2.25
KZ05S5025		0.06	0.780	11.00	0.22	3.3	10	30	0.23	0.07	0.24	0.07	4.97	0.9	5	0.10
KZ05S5026		0.24	0.001	0.07	2.57	7.5	<10	210	0.34	0.03	1.03	0.09	2.82	33.2	359	2.02
KZ05S5027		0.22	<0.001	0.03	3.05	8.6	<10	70	0.28	0.04	0.46	0.07	5.08	31.9	449	1.15
KZ05S5028		0.30	<0.001	0.05	2.89	13.4	<10	80	0.30	0.04	0.41	0.07	5.63	30.4	348	1.58
KZ05S5029		0.30	<0.001	0.04	3.03	8.5	<10	50	0.25	0.06	0.38	0.10	3.66	28.3	388	1.21
KZ05S5030		0.26	0.001	0.14	2.67	9.5	<10	150	0.23	0.06	0.47	0.13	3.45	46.8	296	0.99
KZ05S5030D		<0.02	<0.001	0.12	2.70	10.1	<10	140	0.24	0.06	0.44	0.07	3.28	46.2	289	0.90
KZ05S5031		0.28	<0.001	0.06	2.92	8.3	<10	100	0.23	0.05	0.51	0.04	3.89	31.9	284	1.11
KZ05S5032		0.26	<0.001	0.08	2.93	10.2	<10	80	0.25	0.08	0.43	0.08	6.11	35.3	266	1.68
KZ05S5033		0.22	<0.001	0.07	2.87	7.0	<10	110	0.16	0.04	0.54	0.08	3.11	32.0	288	1.32
KZ05S5034		0.06	1.820	20.80	0.22	3.1	<10	40	0.26	0.08	0.25	0.09	4.78	1.3	5	0.09

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 7-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072136

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
KZ05S5001		94.7	4.60	6.80	0.09	<0.02	0.06	0.024	0.07	2.7	12.8	2.94	764	0.71	0.01	0.22
KZ05S5002		82.9	4.90	7.04	0.10	<0.02	0.05	0.024	0.07	2.9	11.0	2.85	1020	1.06	0.01	0.26
KZ05S5003		115.0	4.12	7.17	0.10	0.02	0.04	0.022	0.04	2.8	12.6	2.95	593	0.63	0.01	0.25
KZ05S5004		55.0	4.69	6.87	0.08	<0.02	0.05	0.025	0.07	2.5	8.1	1.80	887	1.25	0.01	0.32
KZ05S5005		57.0	4.23	6.14	0.06	<0.02	0.06	0.024	0.04	2.8	6.6	1.62	657	1.38	0.01	0.22
KZ05S5005D		60.7	4.05	6.17	0.06	<0.02	0.16	0.022	0.04	2.6	6.7	1.58	638	1.46	0.01	0.22
KZ05S5006		122.5	4.94	4.78	0.10	0.07	0.45	0.037	0.11	8.6	9.4	1.34	867	1.60	0.01	0.36
KZ05S5007		106.0	4.85	6.39	0.09	0.04	0.08	0.034	0.10	4.4	10.2	2.53	968	0.79	0.01	0.33
KZ05S5008		85.9	4.72	5.95	0.08	<0.02	0.07	0.040	0.06	5.3	13.5	1.26	743	4.68	0.01	0.22
KZ05S5009		95.4	4.17	4.74	0.07	0.03	0.16	0.032	0.05	5.9	9.0	0.86	876	1.53	0.01	0.34
KZ05S5010		172.5	4.07	5.22	0.09	0.05	0.09	0.038	0.05	10.7	10.1	1.06	531	2.43	0.01	0.59
KZ05S5011		114.0	5.32	6.55	0.08	0.06	0.04	0.042	0.06	6.9	13.9	1.20	753	1.86	0.01	0.53
KZ05S5012		96.0	4.23	5.82	0.08	0.03	0.04	0.036	0.05	7.5	10.6	0.92	578	2.47	0.01	0.36
KZ05S5013		167.5	3.50	3.31	0.08	0.07	0.11	0.029	0.04	8.1	7.3	0.77	749	1.74	0.01	0.37
KZ05S5014		132.0	5.45	4.12	0.09	0.08	0.09	0.041	0.06	7.2	9.4	0.83	1020	3.12	0.01	0.61
KZ05S5015		110.0	4.18	3.09	0.09	0.08	0.11	0.036	0.04	7.8	6.8	0.53	468	4.23	0.01	0.36
KZ05S5016		125.5	4.83	6.69	0.07	0.05	0.05	0.041	0.05	7.3	14.8	1.36	974	1.75	0.01	0.53
KZ05S5017		119.5	4.01	5.33	0.08	0.07	0.07	0.033	0.05	7.0	10.4	1.96	660	1.36	0.01	0.55
KZ05S5018		130.0	4.89	6.03	0.07	0.02	0.06	0.043	0.07	5.4	9.9	0.89	1725	2.70	0.01	0.29
KZ05S5019		109.0	5.25	6.84	0.08	0.02	0.04	0.047	0.06	6.6	13.9	1.34	2160	4.38	0.01	0.23
KZ05S5020		88.8	3.06	3.47	0.07	0.07	0.08	0.026	0.06	6.4	11.1	1.27	766	4.97	0.01	0.24
KZ05S5021		105.0	3.98	4.23	0.08	0.07	0.05	0.029	0.06	7.0	13.8	1.54	785	5.99	0.01	0.24
KZ05S5022		131.5	4.30	3.79	0.10	0.12	0.11	0.040	0.05	11.9	10.8	1.34	1070	5.52	0.01	0.74
KZ05S5023		31.7	3.23	5.80	0.06	0.02	0.04	0.031	0.07	9.3	14.8	0.97	411	5.12	0.01	0.27
KZ05S5024		132.5	5.60	7.92	0.12	0.02	0.06	0.026	0.08	3.2	17.1	3.81	934	0.47	0.03	0.22
KZ05S5025		8.5	3.07	0.65	0.05	0.16	0.02	<0.005	0.01	2.0	0.4	0.06	35	0.92	0.11	0.08
KZ05S5026		73.2	4.28	4.51	0.14	0.02	0.03	0.013	0.53	1.1	7.0	2.75	794	0.46	0.05	0.17
KZ05S5027		77.2	4.33	6.93	0.12	<0.02	0.02	0.019	0.15	1.8	11.6	3.23	730	0.35	0.03	0.18
KZ05S5028		83.6	4.81	6.63	0.10	0.02	0.03	0.020	0.09	2.1	11.4	2.79	829	0.40	0.02	0.28
KZ05S5029		72.8	4.17	6.54	0.10	<0.02	0.03	0.016	0.12	1.5	10.2	2.88	541	0.79	0.02	0.22
KZ05S5030		83.5	4.23	5.46	0.09	<0.02	0.04	0.012	0.14	1.2	9.6	2.59	2650	1.15	0.01	0.13
KZ05S5030D		84.2	4.03	5.40	0.08	<0.02	0.04	0.012	0.14	1.1	10.7	2.56	2570	1.10	0.02	0.12
KZ05S5031		107.5	4.07	5.74	0.12	<0.02	0.02	0.011	0.23	1.6	11.8	3.11	621	0.33	0.02	0.18
KZ05S5032		83.2	4.19	6.48	0.11	<0.02	0.02	0.016	0.13	2.5	14.8	3.02	771	0.50	0.02	0.23
KZ05S5033		85.6	3.98	6.05	0.13	0.02	0.01	0.011	0.26	1.2	14.8	3.18	530	0.18	0.02	0.16
KZ05S5034		5.7	2.95	0.66	<0.05	0.22	0.02	<0.005	0.01	2.1	0.5	0.06	121	0.67	0.10	0.10

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072136

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
KZ05S5001		161.5	780	2.1	6.9	<0.001	0.03	1.08	6.6	0.5	0.2	12.9	<0.01	0.02	<0.2	0.102
KZ05S5002		157.5	820	2.0	9.8	<0.001	0.04	1.47	5.0	0.6	0.2	17.2	<0.01	0.02	<0.2	0.102
KZ05S5003		140.5	650	1.8	4.3	<0.001	0.03	0.87	6.3	0.5	0.2	13.0	<0.01	0.02	<0.2	0.138
KZ05S5004		96.0	940	2.8	13.0	<0.001	0.05	2.31	2.6	0.6	0.3	19.8	<0.01	0.03	<0.2	0.095
KZ05S5005		97.5	990	2.3	5.9	<0.001	0.08	2.45	2.0	0.6	0.3	12.1	<0.01	0.03	<0.2	0.058
KZ05S5005D		100.0	940	1.7	6.0	<0.001	0.08	2.90	1.9	0.6	0.4	12.2	<0.01	0.04	<0.2	0.059
KZ05S5006		71.9	1240	3.1	7.4	<0.001	0.04	6.94	12.5	1.1	0.2	27.7	<0.01	0.03	0.8	0.040
KZ05S5007		132.0	1060	2.5	9.7	<0.001	0.06	2.00	9.2	0.8	0.2	21.0	0.01	0.04	0.2	0.070
KZ05S5008		51.3	1080	3.7	8.5	0.001	0.05	5.13	2.8	1.6	0.4	10.9	<0.01	0.06	<0.2	0.031
KZ05S5009		23.1	1500	2.7	8.6	0.001	0.11	6.37	2.8	2.2	0.3	27.3	0.01	0.04	<0.2	0.025
KZ05S5010		42.9	1700	3.1	10.1	0.001	0.11	4.13	6.6	1.8	0.3	32.5	0.01	0.05	0.2	0.023
KZ05S5011		26.4	1360	3.8	11.8	<0.001	0.05	5.23	8.6	0.7	0.4	17.9	<0.01	0.06	0.6	0.022
KZ05S5012		18.1	2000	3.2	13.3	<0.001	0.08	4.19	4.2	1.0	0.3	31.5	0.01	0.07	0.2	0.016
KZ05S5013		19.6	1840	3.8	6.4	0.001	0.16	7.34	6.6	3.1	0.2	68.7	0.01	0.07	0.3	0.008
KZ05S5014		31.4	1580	5.0	5.2	0.001	0.06	9.21	13.7	1.5	0.2	17.3	0.01	0.05	1.5	0.005
KZ05S5015		24.8	1940	3.7	3.6	<0.001	0.08	8.04	10.4	3.7	0.2	55.3	0.01	0.06	0.8	<0.005
KZ05S5016		39.5	1360	5.1	7.2	<0.001	0.06	7.05	9.3	0.8	0.3	15.3	<0.01	0.09	0.7	0.018
KZ05S5017		116.5	1440	4.0	6.0	<0.001	0.13	5.29	9.5	1.2	0.2	25.4	0.01	0.06	0.6	0.020
KZ05S5018		20.5	1950	5.7	9.8	<0.001	0.14	10.15	1.4	0.9	0.3	15.8	<0.01	0.09	<0.2	0.013
KZ05S5019		25.5	1500	11.4	10.0	<0.001	0.09	13.05	1.8	0.9	0.4	9.5	<0.01	0.24	<0.2	0.019
KZ05S5020		22.5	1390	6.4	3.4	<0.001	0.17	92.20	5.2	1.2	0.2	33.5	0.01	0.26	0.3	0.011
KZ05S5021		28.5	1400	7.1	3.7	<0.001	0.20	112.00	6.2	1.2	0.2	29.5	<0.01	0.30	0.3	0.012
KZ05S5022		32.8	1390	12.6	3.7	<0.001	0.29	23.10	8.7	1.7	0.3	29.7	0.01	0.64	0.7	0.010
KZ05S5023		19.2	1720	9.4	12.4	<0.001	0.08	7.51	1.5	0.8	0.3	27.0	<0.01	0.26	0.2	0.011
KZ05S5024		227.0	670	1.6	5.5	<0.001	0.03	0.70	7.5	0.7	0.2	18.0	<0.01	0.04	<0.2	0.111
KZ05S5025		3.3	630	116.0	0.8	<0.001	2.85	0.65	0.6	<0.2	0.7	5.3	<0.01	0.01	3.0	<0.005
KZ05S5026		112.5	1400	2.3	33.8	<0.001	0.03	0.25	4.4	0.3	0.2	44.4	<0.01	0.02	<0.2	0.137
KZ05S5027		152.0	780	1.7	9.5	<0.001	0.03	0.40	3.9	0.4	0.2	18.4	<0.01	0.02	<0.2	0.109
KZ05S5028		130.0	750	1.8	8.1	<0.001	0.03	0.61	5.6	0.5	0.2	18.4	<0.01	0.03	<0.2	0.134
KZ05S5029		120.0	700	1.8	6.7	<0.001	0.03	0.46	3.7	0.5	0.2	19.4	<0.01	0.02	<0.2	0.132
KZ05S5030		101.0	1060	2.6	14.5	<0.001	0.05	0.41	2.7	0.5	0.2	16.8	<0.01	0.04	<0.2	0.078
KZ05S5030D		103.5	1050	3.0	14.0	<0.001	0.06	0.41	2.7	0.4	0.3	17.4	<0.01	0.04	<0.2	0.075
KZ05S5031		120.0	680	2.3	13.4	<0.001	0.02	0.42	3.0	0.4	<0.2	21.5	<0.01	0.03	<0.2	0.113
KZ05S5032		126.0	730	4.2	10.3	<0.001	0.02	0.49	3.2	0.4	0.2	18.9	<0.01	0.04	<0.2	0.109
KZ05S5033		119.0	700	3.4	13.2	<0.001	0.01	0.28	3.9	0.3	<0.2	21.3	<0.01	0.03	<0.2	0.158
KZ05S5034		4.9	650	122.5	0.8	<0.001	2.73	0.65	0.6	<0.2	0.5	5.8	<0.01	0.01	3.2	0.005

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 7-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05072136

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
KZ05S5001		0.04	0.22	113	0.09	4.62	60	<0.5
KZ05S5002		0.04	0.28	123	0.09	5.29	61	<0.5
KZ05S5003		0.04	0.24	110	0.09	6.09	48	<0.5
KZ05S5004		<0.02	0.34	124	0.09	3.44	62	<0.5
KZ05S5005		0.04	0.34	115	0.11	3.39	51	<0.5
KZ05S5005D		0.07	0.35	109	0.10	3.43	52	<0.5
KZ05S5006		0.05	0.43	100	0.14	18.60	73	1.0
KZ05S5007		0.06	0.25	121	0.05	8.74	55	0.5
KZ05S5008		0.08	0.84	113	0.12	7.01	79	<0.5
KZ05S5009		0.06	0.80	90	0.09	10.00	80	<0.5
KZ05S5010		0.06	5.74	93	0.19	24.70	62	0.5
KZ05S5011		0.06	0.38	116	0.11	8.72	70	0.8
KZ05S5012		0.07	0.62	94	0.11	10.35	62	<0.5
KZ05S5013		0.06	2.11	67	0.11	19.30	55	0.9
KZ05S5014		0.09	0.76	101	0.20	16.35	99	1.0
KZ05S5015		0.09	0.95	78	0.14	20.10	107	1.3
KZ05S5016		0.10	0.36	115	0.14	9.91	63	0.6
KZ05S5017		0.09	0.59	101	0.14	16.55	43	1.0
KZ05S5018		0.07	0.53	118	0.08	6.58	56	<0.5
KZ05S5019		0.10	0.52	134	0.18	7.40	63	<0.5
KZ05S5020		0.12	0.20	80	0.23	10.80	69	1.1
KZ05S5021		0.13	0.22	98	0.26	11.50	70	1.2
KZ05S5022		0.19	0.49	98	0.70	20.20	69	1.9
KZ05S5023		0.11	0.88	65	0.20	4.64	68	<0.5
KZ05S5024		0.05	0.25	132	0.07	7.51	62	<0.5
KZ05S5025		0.39	0.46	1	<0.05	2.34	16	3.9
KZ05S5026		0.08	0.10	111	<0.05	2.58	50	<0.5
KZ05S5027		0.04	0.16	110	<0.05	4.03	49	<0.5
KZ05S5028		0.05	0.21	119	0.05	3.75	51	<0.5
KZ05S5029		0.04	0.17	100	<0.05	2.35	49	<0.5
KZ05S5030		0.10	0.12	86	0.09	2.15	41	<0.5
KZ05S5030D		0.11	0.12	82	0.10	2.09	42	<0.5
KZ05S5031		0.05	0.12	79	0.05	2.49	45	<0.5
KZ05S5032		0.04	0.22	83	0.07	2.93	48	<0.5
KZ05S5033		0.05	0.12	84	<0.05	2.97	47	<0.5
KZ05S5034		0.41	0.50	2	0.12	2.40	19	4.4

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

): BARRICK GOLD CORPORATION
PO BOX 11120
700-1055 W GEORGIA ST
VANCOUVER BC V6E 3P3

Finalized Date: 13-SEP-2005
Account: ATC

CERTIFICATE VA05074408

Project: KIZMET-2052

P.O. No.:

This report is for 216 Rock samples submitted to our lab in Vancouver, BC, Canada on 1-SEP-2005.

The following have access to data associated with this certificate:

ROBERT BROWN ACCOUNTS PAYABLE	BARRICK KIZMET	RICHARD MANN

SAMPLE PREPARATION

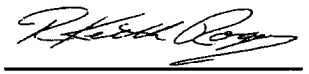
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um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

ANALYTICAL PROCEDURES

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

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

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
KZ05R0326		0.12	0.003	0.2	1.34	3	<10	250	<0.5	<2	0.67	<0.5	4	11	59	2.28
KZ05R0327		0.46	0.038	0.2	0.65	11	<10	80	<0.5	<2	0.01	<0.5	1	1	25	1.39
KZ05R0328		0.58	0.001	0.5	0.68	112	<10	120	0.5	<2	0.10	<0.5	3	1	41	2.11
KZ05R0329		0.44	0.001	<0.2	0.56	252	<10	100	<0.5	<2	0.03	<0.5	1	1	13	0.57
KZ05R0330		0.58	0.001	<0.2	0.75	22	<10	360	0.8	<2	0.14	<0.5	3	1	21	1.74
KZ05R0330 DUP		0.02	<0.001	<0.2	0.66	24	<10	350	0.8	<2	0.13	<0.5	2	1	18	1.68
KZ05R0331		0.50	0.002	<0.2	0.56	26	<10	260	<0.5	<2	0.04	<0.5	12	4	19	0.78
KZ05R0332		0.82	0.005	0.5	0.55	138	10	30	0.8	<2	4.25	<0.5	36	7	908	16.5
KZ05R0333		0.42	0.047	0.4	0.29	47	<10	30	<0.5	<2	0.06	<0.5	8	10	291	1.65
KZ05R0334		0.78	0.011	<0.2	0.54	32	<10	460	0.5	<2	0.07	0.7	24	42	186	9.54
KZ05R0335		0.58	0.005	<0.2	3.80	11	20	90	<0.5	<2	2.93	<0.5	32	8	221	9.61
CLEAN ROCK 1		0.76	0.016	0.3	1.17	3	<10	100	<0.5	2	0.61	<0.5	5	18	37	1.87
KZ05R0336		0.52	0.003	0.3	0.93	<2	<10	230	<0.5	2	0.23	<0.5	22	4	134	5.31
KZ05R0337		1.02	0.001	0.8	0.27	8	<10	20	<0.5	<2	14.8	<0.5	47	65	38	4.50
KZ05R0338		0.46	0.100	0.5	0.72	483	<10	20	<0.5	<2	0.44	<0.5	57	116	80	2.25
KZ05R0339		0.48	0.002	0.4	0.22	18	<10	40	<0.5	<2	7.45	<0.5	42	84	65	4.68
KZ05R0340		0.34	0.008	<0.2	0.48	45	<10	70	<0.5	<2	0.14	<0.5	38	138	56	3.49
KZ05R0341		0.64	0.001	0.4	0.81	17	<10	580	<0.5	2	0.12	1.4	10	8	19	2.16
KZ05R0342		0.64	0.001	0.6	1.73	7	<10	20	<0.5	3	5.23	<0.5	24	52	157	5.64
KZ05R0343		0.62	0.003	<0.2	0.64	27	<10	590	<0.5	<2	0.69	<0.5	2	3	102	0.52
KZ05R0344		0.36	0.004	0.3	1.01	10	<10	840	<0.5	<2	0.28	<0.5	4	21	25	2.86
KZ05R0345		0.46	0.002	<0.2	0.89	6	<10	590	<0.5	<2	0.34	<0.5	3	19	15	2.03
CLEAN ROCK 2		0.78	<0.001	0.2	1.14	4	<10	90	<0.5	<2	0.58	<0.5	6	16	39	2.57
KZ05R0346		0.60	0.002	0.2	0.91	9	<10	2180	<0.5	<2	0.26	<0.5	<1	13	83	0.33
KZ05R0347		0.70	0.001	<0.2	0.77	25	<10	610	<0.5	<2	0.06	<0.5	1	4	5	1.06
KZ05R0348		0.68	0.003	0.3	1.27	<2	<10	50	<0.5	<2	0.96	<0.5	8	7	829	2.06
KZ05R0349		0.72	0.001	0.2	1.43	2	<10	140	<0.5	<2	1.03	<0.5	20	49	88	3.45
KZ05R0350		0.08	1.240	<0.2	0.25	4	<10	20	<0.5	<2	0.16	<0.5	1	2	3	0.42
KZ05R0351		0.14	0.004	<0.2	1.24	2	<10	250	<0.5	<2	0.62	<0.5	4	10	10	2.45
KZ05R0352		0.78	0.052	0.9	1.69	389	<10	40	<0.5	<2	0.44	<0.5	10	6	16	4.22
KZ05R0353		0.70	0.005	0.4	0.28	41	<10	10	<0.5	3	0.42	<0.5	13	2	49	5.50
KZ05R0354		0.64	<0.001	0.2	0.93	6	<10	360	0.7	<2	2.19	<0.5	6	2	13	2.61
KZ05R0355		0.66	<0.001	<0.2	0.32	7	<10	90	<0.5	<2	0.03	<0.5	<1	2	3	0.37
KZ05R0355 DUP		0.02	<0.001	<0.2	0.40	3	<10	110	<0.5	<2	0.03	<0.5	<1	3	3	0.42
CLEAN ROCK 3		0.82	<0.001	0.2	2.11	2	<10	60	<0.5	<2	1.18	<0.5	9	12	31	3.13
KZ05R0356		0.66	<0.001	0.2	1.18	<2	<10	130	0.7	<2	2.95	<0.5	13	31	23	3.14
KZ05R0357		0.64	<0.001	<0.2	0.53	5	<10	120	0.8	<2	0.10	<0.5	<1	2	3	0.16
KZ05R0358		0.56	0.002	<0.2	0.91	5	<10	1690	<0.5	<2	0.21	<0.5	1	16	4	0.99
KZ05R0359		0.52	0.002	0.8	0.32	2	<10	40	<0.5	<2	15.7	<0.5	16	27	19	5.45
KZ05R0360		0.66	<0.001	<0.2	1.11	3	<10	270	0.7	<2	2.07	<0.5	7	8	22	2.15

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

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
KZ05R0326		10	<0.01	0.59	10	0.62	575	<1	0.15	4	790	7	0.01	<2	3	91
KZ05R0327		<10	0.18	0.22	20	0.04	14	7	<0.01	<1	100	44	0.66	<2	<1	26
KZ05R0328		<10	0.09	0.11	20	0.02	762	2	<0.01	1	570	54	<0.01	<2	2	13
KZ05R0329		<10	1.30	0.10	10	0.01	40	1	<0.01	1	220	8	0.02	<2	1	18
KZ05R0330		<10	0.07	0.15	10	0.06	1305	1	0.02	1	360	7	0.01	<2	2	20
KZ05R0330 DUP		<10	0.07	0.14	10	0.06	1420	1	0.02	<1	350	6	0.01	<2	2	19
KZ05R0331		<10	0.05	0.08	10	0.01	108	74	0.06	4	30	18	0.02	<2	7	41
KZ05R0332		<10	0.36	0.26	<10	2.30	5370	<1	0.02	24	480	9	0.03	245	16	59
KZ05R0333		<10	10.75	0.03	10	0.01	315	1	<0.01	3	320	<2	<0.01	119	17	5
KZ05R0334		<10	0.44	0.13	<10	0.03	2050	<1	<0.01	13	720	5	0.02	11	28	8
KZ05R0335		20	0.07	0.03	<10	2.53	1540	<1	0.06	11	930	5	0.03	8	30	50
CLEAN ROCK 1		<10	0.02	0.12	<10	0.45	375	<1	0.08	11	410	7	0.10	<2	3	29
KZ05R0336		<10	0.06	0.05	<10	0.10	1255	<1	<0.01	9	740	<2	0.01	<2	18	5
KZ05R0337		<10	0.20	0.07	<10	8.07	1200	<1	0.01	225	90	8	0.01	<2	9	1300
KZ05R0338		<10	1.29	0.02	<10	0.28	243	1	<0.01	355	740	<2	0.03	34	7	14
KZ05R0339		<10	1.35	0.04	<10	5.79	1390	<1	0.01	265	420	9	0.28	15	16	148
KZ05R0340		<10	1.23	0.01	<10	0.08	1250	<1	<0.01	206	550	3	0.01	16	10	9
KZ05R0341		<10	3.29	0.11	<10	0.07	911	<1	<0.01	30	560	60	0.03	12	3	16
KZ05R0342		<10	0.02	0.09	<10	1.68	744	<1	0.06	51	1430	8	0.01	5	9	82
KZ05R0343		<10	0.33	0.23	<10	0.05	46	<1	0.01	5	3070	5	0.03	10	1	46
KZ05R0344		<10	0.05	0.13	<10	0.03	42	<1	<0.01	22	870	2	0.02	6	4	21
KZ05R0345		<10	0.04	0.12	<10	0.02	35	<1	<0.01	17	1330	2	0.02	5	4	19
CLEAN ROCK 2		<10	0.01	0.09	<10	0.57	378	1	0.05	8	660	4	0.11	<2	4	22
KZ05R0346		<10	0.09	0.07	<10	0.02	53	2	<0.01	8	1170	<2	0.05	<2	6	29
KZ05R0347		<10	0.32	0.09	10	0.01	14	1	<0.01	4	700	2	0.42	<2	2	22
KZ05R0348		<10	0.01	0.09	<10	0.67	483	73	0.06	3	950	<2	0.22	<2	2	89
KZ05R0349		<10	0.01	0.07	<10	0.87	277	1	0.12	29	990	<2	0.72	<2	7	41
KZ05R0350		<10	0.01	0.02	<10	0.08	40	<1	0.09	2	380	2	<0.01	<2	1	6
KZ05R0351		10	<0.01	0.58	10	0.68	614	<1	0.09	8	890	2	0.01	<2	3	79
KZ05R0352		10	<0.01	0.15	<10	1.16	363	1	0.06	4	1120	<2	1.15	6	3	28
KZ05R0353		<10	<0.01	0.01	<10	0.09	140	2	0.07	1	1860	5	4.43	<2	8	20
KZ05R0354		<10	<0.01	0.26	20	0.61	854	<1	0.04	4	950	16	0.01	<2	5	371
KZ05R0355		<10	0.03	0.14	20	0.01	31	3	0.02	<1	30	12	0.01	<2	<1	10
KZ05R0355 DUP		<10	0.03	0.17	20	0.01	37	3	0.03	1	20	12	0.01	<2	<1	12
CLEAN ROCK 3		10	<0.01	0.10	<10	0.72	566	<1	0.10	9	710	4	0.09	<2	5	61
KZ05R0356		<10	<0.01	0.28	20	0.88	660	1	0.04	30	1050	6	<0.01	<2	8	178
KZ05R0357		<10	<0.01	0.23	20	0.02	170	<1	0.02	3	30	11	<0.01	<2	<1	16
KZ05R0358		<10	0.01	0.03	<10	0.01	43	<1	0.01	5	910	2	0.04	<2	2	68
KZ05R0359		<10	<0.01	0.07	<10	6.62	1415	2	0.01	37	200	11	<0.01	<2	9	1210
KZ05R0360		<10	<0.01	0.23	20	0.65	671	<1	0.04	8	850	10	<0.01	<2	5	146

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-AA46	Pb-AA46	Ag-GRA21
	Analyte	Ti	Tl	U	V	W	Zn	Zn	Pb	Ag
	Units	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOR	0.01	10	10	1	10	2	0.01	0.01	5
KZ05R0326		0.16	<10	<10	41	<10	46			
KZ05R0327		<0.01	<10	<10	2	<10	10			
KZ05R0328		<0.01	<10	<10	17	<10	168			
KZ05R0329		<0.01	<10	<10	7	<10	15			
KZ05R0330		0.01	<10	<10	16	<10	68			
KZ05R0330 DUP		0.01	<10	<10	15	<10	66			
KZ05R0331		0.01	<10	10	30	<10	13			
KZ05R0332		<0.01	10	<10	155	<10	170			
KZ05R0333		<0.01	<10	<10	128	<10	181			
KZ05R0334		<0.01	<10	<10	217	<10	131			
KZ05R0335		0.52	10	<10	357	<10	111			
CLEAN ROCK 1		0.13	<10	<10	38	<10	34			
KZ05R0336		0.01	<10	<10	179	<10	86			
KZ05R0337		<0.01	<10	<10	106	<10	56			
KZ05R0338		<0.01	<10	<10	38	<10	30			
KZ05R0339		<0.01	<10	<10	61	<10	45			
KZ05R0340		<0.01	<10	<10	57	<10	39			
KZ05R0341		<0.01	<10	<10	23	<10	461			
KZ05R0342		0.22	<10	<10	189	<10	57			
KZ05R0343		<0.01	<10	<10	16	<10	7			
KZ05R0344		0.03	<10	<10	86	<10	34			
KZ05R0345		0.02	<10	<10	60	<10	32			
CLEAN ROCK 2		0.12	<10	<10	50	<10	42			
KZ05R0346		<0.01	<10	<10	15	<10	29			
KZ05R0347		<0.01	<10	<10	21	<10	9			
KZ05R0348		0.10	<10	<10	27	<10	30			
KZ05R0349		0.18	<10	<10	80	<10	12			
KZ05R0350		<0.01	<10	<10	1	<10	3			
KZ05R0351		0.16	10	<10	42	<10	50			
KZ05R0352		0.16	<10	<10	53	<10	23			
KZ05R0353		0.42	<10	<10	33	<10	6			
KZ05R0354		0.01	<10	<10	45	<10	48			
KZ05R0355		<0.01	<10	<10	<1	<10	18			
KZ05R0355 DUP		<0.01	<10	<10	1	<10	18			
CLEAN ROCK 3		0.14	<10	<10	79	<10	50			
KZ05R0356		0.01	<10	<10	46	<10	54			
KZ05R0357		<0.01	<10	<10	1	<10	4			
KZ05R0358		0.01	<10	<10	21	<10	19			
KZ05R0359		<0.01	<10	<10	144	<10	50			
KZ05R0360		<0.01	<10	<10	25	<10	41			

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

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
KZ05R0361		0.08	0.941	11.1	0.21	6	10	30	<0.5	<2	0.24	<0.5	1	4	8	2.83
KZ05R1197		0.24	0.002	<0.2	0.97	<2	<10	210	<0.5	<2	0.53	<0.5	3	8	2	1.96
KZ05R1198		0.60	0.001	<0.2	0.34	5	<10	50	0.5	<2	0.02	<0.5	1	1	3	0.58
KZ05R1199		0.64	0.007	<0.2	0.44	174	<10	300	0.9	<2	4.41	<0.5	16	96	36	4.62
KZ05R1200		0.08	0.937	10.6	0.20	6	10	30	<0.5	<2	0.24	<0.5	1	4	8	3.05
CLEAN ROCK 4		0.82	0.003	<0.2	2.38	10	<10	80	<0.5	<2	1.50	<0.5	11	39	30	2.93
KZ05R1201		0.24	<0.001	<0.2	0.99	<2	<10	220	<0.5	<2	0.49	<0.5	4	8	2	2.03
KZ05R1202		0.72	0.003	0.8	0.91	21	<10	3250	<0.5	<2	19.9	<0.5	12	10	127	2.01
KZ05R1203		0.66	0.002	<0.2	6.23	5	10	30	<0.5	2	5.16	<0.5	30	121	142	6.84
KZ05R1204		0.82	0.004	<0.2	6.50	9	10	50	<0.5	2	3.03	<0.5	25	16	170	7.70
KZ05R1205		0.66	0.001	<0.2	0.86	<2	<10	270	0.5	<2	1.35	<0.5	8	42	31	3.07
KZ05R1205 DUP		0.02	<0.001	<0.2	0.89	3	<10	280	0.5	<2	1.35	<0.5	9	31	30	3.09
KZ05R1206		0.70	<0.001	0.5	0.36	<2	<10	190	<0.5	<2	16.3	<0.5	3	4	14	1.24
KZ05R1207		0.74	0.144	59.3	0.12	1110	<10	210	1.3	<2	17.2	51.9	3	6	178	4.13
KZ05R1208		0.66	0.001	0.2	0.98	2	<10	130	<0.5	<2	1.02	<0.5	8	6	14	3.08
KZ05R1209		0.58	0.001	0.4	1.07	3	<10	300	0.5	<2	2.37	<0.5	8	5	12	3.10
KZ05R1210		0.60	0.001	0.2	1.46	8	<10	320	0.5	<2	2.37	<0.5	19	5	29	5.77
CLEAN ROCK 5		0.84	0.006	<0.2	2.04	8	<10	110	<0.5	2	1.13	<0.5	9	37	38	2.24
KZ05R1211		0.60	0.001	<0.2	0.69	<2	<10	130	0.6	<2	0.13	<0.5	1	2	4	0.72
KZ05R1212		0.74	0.001	<0.2	0.52	5	<10	390	<0.5	<2	0.20	<0.5	2	2	17	1.74
KZ05R1213		0.60	0.001	<0.2	0.43	16	<10	60	<0.5	<2	0.45	<0.5	6	13	16	2.26
KZ05R1214		0.54	0.001	<0.2	0.54	20	<10	160	<0.5	<2	0.18	<0.5	5	2	15	1.73
KZ05R1215		0.48	<0.001	<0.2	0.84	19	<10	370	<0.5	<2	0.20	<0.5	5	3	13	0.68
KZ05R1216		0.38	<0.001	<0.2	0.55	8	<10	30	<0.5	<2	0.02	<0.5	<1	<1	2	0.55
KZ05R1217		1.02	0.002	0.3	1.16	19	10	60	<0.5	<2	11.80	<0.5	14	16	39	3.30
KZ05R1218		0.56	0.001	0.4	0.70	57	<10	580	<0.5	<2	0.08	<0.5	<1	1	5	0.92
KZ05R1219		0.50	0.013	0.4	1.35	349	<10	140	<0.5	<2	0.38	<0.5	6	4	17	2.43
KZ05R1220		0.66	0.017	0.2	1.37	31	<10	90	<0.5	<2	2.83	<0.5	6	2	7	2.78
CLEAN ROCK 6		0.86	0.001	0.2	2.03	7	10	130	<0.5	<2	1.02	<0.5	10	27	25	3.20
KZ05R1221		0.58	0.017	0.3	1.34	23	<10	190	<0.5	<2	2.65	<0.5	6	3	7	2.65
KZ05R1222		0.78	0.008	0.2	2.84	7	10	60	<0.5	<2	6.93	<0.5	20	17	139	4.63
KZ05R1223		0.70	0.013	0.2	3.00	64	<10	160	<0.5	3	0.30	<0.5	23	8	162	6.98
KZ05R1224		0.84	0.006	0.2	3.15	21	<10	80	<0.5	3	3.16	<0.5	28	8	126	7.20
KZ05R1225		0.08	0.951	11.2	0.21	2	10	30	<0.5	<2	0.24	<0.5	1	4	8	2.99
KZ05R1226		0.16	0.002	<0.2	1.71	<2	<10	290	<0.5	<2	0.76	<0.5	5	46	3	2.32
KZ05R1227		0.80	0.006	0.4	1.61	95	<10	50	<0.5	2	0.11	<0.5	10	19	53	2.88
KZ05R1228		0.68	0.273	1.3	0.90	2080	<10	150	<0.5	<2	0.11	0.5	4	85	12	2.31
KZ05R1229		0.58	0.002	<0.2	1.95	33	<10	130	<0.5	<2	0.60	<0.5	7	7	13	3.08
KZ05R1230		0.64	0.002	<0.2	2.08	12	<10	760	0.5	<2	2.39	<0.5	7	25	10	2.93
KZ05R1230 DUP		0.02	<0.001	<0.2	2.07	10	<10	700	0.5	<2	2.38	<0.5	7	4	13	2.93

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

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
KZ05R0361		<10	0.03	0.01	<10	0.05	34	1	0.11	4	630	113	2.78	<2	<1	6
KZ05R1197		10	<0.01	0.48	10	0.62	520	<1	0.05	4	800	4	<0.01	<2	2	52
KZ05R1198		<10	<0.01	0.13	10	0.01	178	2	0.05	2	50	10	<0.01	<2	1	4
KZ05R1199		<10	0.56	0.12	<10	1.34	1110	<1	0.02	82	740	6	0.22	<2	19	144
KZ05R1200		<10	0.03	0.01	<10	0.05	34	1	0.11	2	620	121	3.13	<2	<1	5
CLEAN ROCK 4		10	<0.01	0.17	<10	0.94	449	1	0.17	25	760	5	0.34	<2	5	70
KZ05R1201		<10	<0.01	0.51	10	0.62	539	<1	0.05	4	830	3	0.22	<2	2	49
KZ05R1202		<10	0.13	0.04	<10	0.46	2140	<1	0.05	18	900	3	0.33	<2	10	1050
KZ05R1203		10	0.05	0.01	<10	2.53	1145	1	2.7	32	910	9	0.29	<2	28	72
KZ05R1204		20	0.05	0.03	<10	2.70	1410	<1	2.86	9	1080	3	0.13	<2	21	98
KZ05R1205		<10	0.01	0.19	20	0.76	576	1	0.05	40	1200	<2	0.04	<2	4	107
KZ05R1205 DUP		<10	0.01	0.19	20	0.72	588	2	0.06	43	1180	<2	0.05	<2	4	109
KZ05R1206		<10	0.09	0.08	<10	0.09	1650	<1	0.01	13	380	24	0.06	<2	2	448
KZ05R1207		<10	4.74	0.03	<10	7.86	8630	10	0.03	10	110	>10000	1.50	293	1	582
KZ05R1208		10	0.01	0.10	20	1.05	884	1	0.09	10	1140	14	0.07	<2	5	46
KZ05R1209		<10	0.05	0.19	10	0.83	796	1	0.05	9	1170	39	0.12	<2	4	117
KZ05R1210		<10	0.02	0.21	30	1.76	805	1	0.22	20	3400	5	0.11	<2	9	313
CLEAN ROCK 5		10	0.01	0.22	<10	0.71	322	1	0.16	45	620	9	0.14	<2	5	54
KZ05R1211		<10	0.33	0.22	10	0.09	52	2	0.03	7	130	10	0.02	<2	2	21
KZ05R1212		<10	<0.01	0.13	10	0.08	456	<1	0.05	1	630	10	0.01	<2	4	45
KZ05R1213		<10	0.01	0.10	10	0.10	290	<1	0.05	8	460	3	0.03	<2	6	18
KZ05R1214		<10	0.01	0.10	10	0.07	416	1	0.04	3	680	11	0.01	<2	3	38
KZ05R1215		<10	0.63	0.11	10	0.03	48	<1	0.01	12	780	22	0.03	<2	2	36
KZ05R1216		<10	0.09	0.10	<10	0.01	140	3	<0.01	2	120	3	0.01	<2	1	3
KZ05R1217		<10	0.05	0.13	<10	0.62	3160	6	0.07	23	1090	9	2.58	<2	12	175
KZ05R1218		<10	0.38	0.18	10	0.07	416	95	0.01	3	30	95	0.04	6	1	27
KZ05R1219		<10	0.04	0.21	10	0.62	616	2	0.02	4	670	14	0.08	<2	2	13
KZ05R1220		<10	0.02	0.17	<10	0.72	717	12	0.02	3	640	12	0.20	<2	2	79
CLEAN ROCK 6		10	0.01	0.20	<10	0.94	561	1	0.08	21	730	3	0.07	<2	8	67
KZ05R1221		<10	0.01	0.19	10	0.71	692	6	0.02	1	660	10	0.12	<2	2	84
KZ05R1222		10	0.04	0.03	<10	2.29	2170	<1	0.05	9	510	6	0.05	<2	18	239
KZ05R1223		10	0.05	0.13	<10	1.47	769	5	<0.01	7	620	5	0.13	<2	8	14
KZ05R1224		10	0.04	0.06	<10	1.82	1095	1	0.04	7	980	3	0.25	2	19	30
KZ05R1225		<10	0.03	0.01	<10	0.05	35	1	0.11	3	650	122	2.98	<2	<1	5
KZ05R1226		10	<0.01	0.76	10	0.68	614	<1	0.24	7	820	5	0.02	<2	3	114
KZ05R1227		10	0.09	0.20	<10	0.61	514	6	<0.01	31	220	52	0.02	2	6	8
KZ05R1228		<10	0.20	0.29	10	0.26	161	11	0.04	7	400	66	0.28	9	1	8
KZ05R1229		10	0.33	0.20	10	0.76	680	1	0.06	8	840	11	0.02	3	4	30
KZ05R1230		10	0.02	0.40	20	0.75	753	1	0.09	3	750	12	0.07	<2	3	159
KZ05R1230 DUP		10	<0.01	0.39	20	0.76	768	1	0.08	8	790	14	0.06	2	3	156

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

D: BARRICK GOLD CORPORATION
PO BOX 11120
700-1055 W GEORGIA ST
VANCOUVER BC V6E 3P3

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Tl % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Zn-AA46 Zn % 0.01	Pb-AA46 Pb % 0.01	Ag-GRA21 Ag ppm 5
KZ05R0361		<0.01	<10	<10	1	<10	17			
KZ05R1197		0.13	<10	<10	35	<10	44			
KZ05R1198		<0.01	<10	<10	2	<10	28			
KZ05R1199		<0.01	<10	<10	87	<10	72			
KZ05R1200		<0.01	<10	<10	1	<10	16			
CLEAN ROCK 4		0.26	<10	<10	81	<10	49			
KZ05R1201		0.13	<10	<10	36	<10	45			
KZ05R1202		<0.01	<10	<10	84	<10	21			
KZ05R1203		0.01	<10	<10	223	<10	77			
KZ05R1204		0.01	<10	<10	260	<10	95			
KZ05R1205		0.04	<10	<10	60	<10	45			
KZ05R1205 DUP		0.04	<10	<10	61	<10	45			
KZ05R1206		<0.01	<10	<10	13	<10	17			
KZ05R1207		<0.01	<10	<10	10	<10	>10000	1.41	1.04	51
KZ05R1208		0.16	<10	<10	67	<10	58			
KZ05R1209		0.05	<10	<10	62	<10	110			
KZ05R1210		0.08	<10	<10	94	<10	112			
CLEAN ROCK 5		0.13	<10	<10	60	<10	41			
KZ05R1211		<0.01	<10	<10	3	<10	14			
KZ05R1212		0.01	<10	<10	30	<10	30			
KZ05R1213		<0.01	<10	<10	41	<10	26			
KZ05R1214		0.01	<10	<10	30	<10	49			
KZ05R1215		<0.01	<10	<10	21	<10	11			
KZ05R1216		<0.01	<10	<10	1	<10	26			
KZ05R1217		0.01	<10	<10	68	<10	69			
KZ05R1218		<0.01	<10	<10	2	<10	31			
KZ05R1219		<0.01	<10	<10	32	<10	53			
KZ05R1220		<0.01	<10	<10	29	<10	56			
CLEAN ROCK 6		0.18	<10	<10	74	<10	57			
KZ05R1221		<0.01	<10	<10	29	<10	48			
KZ05R1222		0.01	<10	<10	201	<10	55			
KZ05R1223		<0.01	<10	<10	174	<10	68			
KZ05R1224		0.01	<10	<10	223	<10	71			
KZ05R1225		<0.01	<10	<10	1	<10	16			
KZ05R1226		0.18	<10	<10	42	<10	49			
KZ05R1227		<0.01	<10	<10	91	<10	96			
KZ05R1228		<0.01	<10	<10	20	<10	44			
KZ05R1229		0.05	<10	<10	52	<10	50			
KZ05R1230		<0.01	<10	<10	31	<10	71			
KZ05R1230 DUP		<0.01	<10	<10	31	<10	74			

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

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
CLEAN ROCK 7		0.88	<0.001	<0.2	2.79	6	10	180	<0.5	<2	1.50	<0.5	7	65	24	2.96
KZ05R1231		0.74	0.006	0.6	0.72	24	<10	90	<0.5	<2	0.08	<0.5	3	14	17	1.98
KZ05R1232		0.54	0.001	<0.2	3.07	21	<10	70	0.9	<2	11.60	<0.5	14	138	20	3.29
KZ05R1233		0.76	0.012	0.2	1.59	25	<10	210	0.5	<2	0.09	<0.5	11	12	41	3.24
KZ05R1234		0.70	0.031	0.2	1.90	305	<10	90	<0.5	<2	0.29	<0.5	4	35	5	2.18
KZ05R1235		0.68	0.001	<0.2	1.34	27	<10	70	<0.5	<2	0.91	<0.5	8	27	15	2.61
KZ05R1236		0.56	0.004	<0.2	1.92	10	<10	170	<0.5	<2	1.71	<0.5	8	32	7	2.93
KZ05R1237		0.60	0.002	<0.2	0.60	<2	<10	60	<0.5	<2	0.05	<0.5	<1	4	6	0.47
KZ05R1238		0.50	0.002	<0.2	0.70	14	<10	60	<0.5	<2	0.06	<0.5	<1	72	3	0.50
KZ05R1239		0.60	0.001	0.3	1.50	83	<10	110	<0.5	<2	1.07	<0.5	3	4	8	4.27
KZ05R1240		0.68	0.002	<0.2	1.72	15	<10	190	<0.5	<2	0.18	<0.5	4	35	9	2.14
CLEAN ROCK 8		0.90	0.001	<0.2	2.73	5	<10	90	<0.5	<2	1.61	<0.5	8	36	33	2.94
KZ05R1241		0.78	0.004	0.2	1.38	10	<10	120	<0.5	<2	0.06	<0.5	3	52	24	1.35
KZ05R1242		0.76	0.002	<0.2	3.70	<2	<10	30	<0.5	<2	1.92	<0.5	33	12	162	7.89
KZ05R1243		0.72	0.003	<0.2	1.94	28	<10	130	<0.5	<2	1.09	<0.5	6	32	18	3.11
KZ05R1244		0.64	0.012	<0.2	2.65	19	<10	30	<0.5	<2	1.11	<0.5	16	8	64	4.40
KZ05R1245		0.84	0.002	<0.2	3.26	7	<10	80	<0.5	<2	4.31	<0.5	25	13	172	7.57
KZ05R1246		0.50	0.001	<0.2	3.22	<2	<10	120	<0.5	<2	3.44	<0.5	25	9	160	7.53
KZ05R1247		0.56	0.001	0.2	4.39	30	<10	450	<0.5	<2	3.37	<0.5	33	13	176	7.81
KZ05R1248		0.68	<0.001	<0.2	1.75	6	<10	200	<0.5	<2	2.15	<0.5	9	6	10	3.51
KZ05R1249		0.56	0.029	0.4	2.84	77	<10	150	0.7	<2	0.32	<0.5	18	31	144	5.35
KZ05R1250		0.08	0.971	11.5	0.22	3	10	30	<0.5	<2	0.25	<0.5	<1	5	8	3.11
CLEAN ROCK 9		0.84	0.007	<0.2	1.49	4	<10	100	<0.5	<2	0.64	<0.5	7	21	37	2.33
KZ05R1251		0.14	0.001	<0.2	1.40	<2	<10	240	<0.5	<2	0.72	<0.5	4	118	5	2.55
KZ05R1252		0.68	0.001	<0.2	3.69	7	<10	30	<0.5	<2	4.16	<0.5	27	15	164	7.52
KZ05R1253		0.72	0.001	<0.2	2.82	6	<10	60	0.6	<2	2.71	<0.5	20	14	220	6.33
KZ05R1254		0.76	<0.001	<0.2	2.75	3	<10	30	0.5	<2	2.55	<0.5	20	3	194	6.73
KZ05R1255		0.66	0.068	0.7	0.62	29	<10	2350	<0.5	<2	0.09	<0.5	1	65	9	0.73
KZ05R1255 DUP		0.02	0.071	0.7	0.62	24	<10	2250	<0.5	<2	0.12	<0.5	1	6	13	0.79
KZ05R1256		0.64	0.002	<0.2	2.27	10	<10	20	<0.5	<2	1.78	<0.5	21	12	163	6.17
KZ05R1257		0.68	0.027	<0.2	0.93	35	<10	260	<0.5	<2	0.16	<0.5	14	14	112	3.68
KZ05R1258		0.64	0.002	<0.2	1.12	14	<10	190	<0.5	<2	2.21	<0.5	10	40	78	1.83
KZ05R1259		0.68	0.004	<0.2	3.68	3	10	200	<0.5	<2	2.67	<0.5	23	4	192	7.20
KZ05R1260		0.80	0.001	<0.2	1.36	<2	<10	20	<0.5	<2	0.04	<0.5	1	15	7	0.37
CLEAN ROCK 10		0.70	0.001	<0.2	1.96	<2	<10	120	<0.5	2	1.12	<0.5	7	20	18	2.61
KZ05R1261		0.68	0.003	<0.2	0.63	3	<10	40	<0.5	<2	9.65	<0.5	52	232	39	4.54
KZ05R1262		0.74	0.002	<0.2	0.77	4	<10	30	0.5	<2	15.6	<0.5	35	168	73	6.47
KZ05R1263		0.72	0.019	1.9	0.83	157	<10	2080	<0.5	<2	0.23	<0.5	6	2	12	2.78
KZ05R1264		0.78	0.047	0.7	0.34	37	<10	70	<0.5	<2	15.6	<0.5	41	121	41	5.66
KZ05R1265		0.64	0.001	<0.2	1.16	16	<10	1360	<0.5	<2	0.17	<0.5	<1	2	1	1.33

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

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
CLEAN ROCK 7		10	0.02	0.35	10	0.80	462	<1	0.25	13	370	5	0.05	<2	7	122
KZ05R1231		<10	0.05	0.13	10	0.30	224	45	0.07	8	320	125	0.18	4	1	10
KZ05R1232		10	0.03	0.04	10	4.09	3010	<1	0.04	57	790	9	0.04	<2	10	685
KZ05R1233		<10	0.04	0.25	10	0.34	331	4	0.02	9	200	7	0.10	<2	4	19
KZ05R1234		10	0.60	0.33	10	0.66	468	4	0.01	3	730	36	0.02	4	3	16
KZ05R1235		<10	0.01	0.24	10	0.46	512	<1	0.08	13	410	4	0.09	2	4	45
KZ05R1236		10	0.01	0.30	10	0.87	832	<1	0.12	7	750	11	0.01	<2	4	217
KZ05R1237		<10	0.08	0.32	30	0.02	41	1	0.01	4	30	<2	0.01	<2	<1	8
KZ05R1238		<10	0.08	0.35	20	0.02	50	3	0.01	4	60	7	0.01	<2	<1	13
KZ05R1239		10	0.62	0.61	30	0.63	598	4	0.09	2	1170	92	0.86	5	2	184
KZ05R1240		<10	0.04	0.39	10	0.39	635	4	0.01	3	570	9	0.03	<2	1	11
CLEAN ROCK 8		10	0.04	0.17	10	0.69	550	1	0.28	18	540	9	0.13	2	7	77
KZ05R1241		10	0.03	0.25	<10	0.14	148	3	0.01	4	150	5	0.01	2	2	8
KZ05R1242		20	0.07	0.02	<10	3.17	1210	<1	0.09	10	600	4	0.04	<2	30	144
KZ05R1243		10	0.06	0.46	20	0.81	767	1	0.08	3	880	18	0.31	<2	3	33
KZ05R1244		10	0.04	0.20	<10	1.13	694	8	0.02	6	310	2	0.01	<2	12	20
KZ05R1245		10	0.01	0.01	<10	2.60	1785	<1	0.15	9	680	3	0.08	<2	30	483
KZ05R1246		10	0.01	0.01	<10	2.63	1725	<1	0.12	8	670	5	0.04	<2	29	392
KZ05R1247		10	0.05	0.24	<10	2.92	1310	<1	0.07	12	750	4	0.08	<2	24	156
KZ05R1248		10	0.01	0.31	20	1.03	980	1	0.09	4	790	13	0.02	<2	5	69
KZ05R1249		10	0.08	0.20	<10	0.62	465	10	0.01	9	550	5	0.02	3	15	21
KZ05R1250		<10	0.04	0.01	<10	0.06	35	1	0.12	4	630	131	3.03	<2	<1	6
CLEAN ROCK 9		<10	0.01	0.24	10	0.62	431	1	0.16	12	450	3	0.13	<2	4	43
KZ05R1251		<10	0.02	0.60	10	0.66	604	1	0.15	7	750	5	<0.01	<2	3	97
KZ05R1252		10	0.03	0.09	<10	2.34	1405	<1	0.09	10	680	4	0.02	<2	25	55
KZ05R1253		10	0.04	0.06	<10	1.88	1120	<1	0.11	4	1080	5	0.05	2	15	27
KZ05R1254		10	0.05	0.02	<10	1.50	1150	<1	0.12	3	1010	4	0.09	2	15	46
KZ05R1255		<10	2.07	0.23	<10	0.04	73	1	0.02	3	70	4	0.09	4	8	27
KZ05R1255 DUP		<10	2.03	0.21	<10	0.06	90	1	0.02	1	80	3	0.09	5	8	29
KZ05R1256		10	0.03	0.01	<10	1.54	855	<1	0.14	4	1170	3	0.06	4	10	13
KZ05R1257		<10	1.93	0.09	<10	0.13	819	<1	0.01	5	360	2	0.30	26	11	55
KZ05R1258		<10	1.97	0.11	<10	0.06	455	<1	<0.01	5	1690	3	<0.01	11	23	15
KZ05R1259		10	0.14	0.08	<10	2.08	1290	<1	0.08	5	1060	4	<0.01	<2	19	56
KZ05R1260		<10	1.31	0.01	<10	0.01	23	<1	<0.01	<1	50	9	<0.01	4	3	19
CLEAN ROCK 10		10	0.01	0.22	<10	0.66	494	<1	0.14	13	440	7	0.01	<2	6	50
KZ05R1261		<10	0.03	0.02	<10	4.11	936	<1	<0.01	427	500	5	<0.01	2	15	209
KZ05R1262		<10	0.03	0.21	<10	6.04	1545	<1	<0.01	205	930	7	<0.01	22	17	343
KZ05R1263		<10	2.81	0.26	<10	0.08	469	1	<0.01	9	610	80	0.08	4	3	58
KZ05R1264		<10	1.07	<0.01	<10	7.72	1965	<1	0.01	261	120	5	0.75	8	11	1010
KZ05R1265		<10	1.33	0.01	<10	0.02	30	<1	<0.01	2	770	8	0.02	5	2	44

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-AA46	Pb-AA46	Ag-GRA21
	Analyte	Ti	Tl	U	V	W	Zn	Zn	Pb	Ag
	Units	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOR	0.01	10	10	1	10	2	0.01	0.01	5
CLEAN ROCK 7		0.16	<10	<10	69	<10	49			
KZ05R1231		<0.01	<10	<10	26	<10	185			
KZ05R1232		0.01	<10	<10	80	<10	44			
KZ05R1233		<0.01	<10	<10	41	<10	36			
KZ05R1234		<0.01	<10	<10	31	<10	67			
KZ05R1235		<0.01	<10	<10	44	<10	32			
KZ05R1236		0.13	<10	<10	45	<10	57			
KZ05R1237		<0.01	<10	<10	1	<10	14			
KZ05R1238		<0.01	<10	10	1	<10	14			
KZ05R1239		<0.01	<10	<10	28	<10	55			
KZ05R1240		<0.01	<10	<10	17	<10	66			
CLEAN ROCK 8		0.17	<10	<10	75	<10	60			
KZ05R1241		<0.01	<10	<10	16	<10	20			
KZ05R1242		0.01	<10	<10	315	<10	91			
KZ05R1243		<0.01	<10	<10	42	<10	70			
KZ05R1244		<0.01	<10	<10	127	<10	46			
KZ05R1245		0.03	<10	<10	301	<10	81			
KZ05R1246		0.03	10	<10	299	<10	79			
KZ05R1247		0.01	<10	<10	254	<10	97			
KZ05R1248		0.01	<10	<10	71	<10	50			
KZ05R1249		<0.01	<10	<10	191	<10	55			
KZ05R1250		<0.01	<10	<10	1	<10	21			
CLEAN ROCK 9		0.13	<10	<10	45	<10	36			
KZ05R1251		0.17	<10	<10	44	<10	47			
KZ05R1252		0.18	<10	<10	242	<10	91			
KZ05R1253		0.41	<10	<10	169	<10	71			
KZ05R1254		0.47	<10	<10	152	<10	132			
KZ05R1255		<0.01	<10	<10	17	<10	4			
KZ05R1255 DUP		0.01	<10	<10	19	<10	6			
KZ05R1256		0.50	<10	<10	208	<10	89			
KZ05R1257		<0.01	<10	<10	65	<10	53			
KZ05R1258		<0.01	<10	<10	109	<10	29			
KZ05R1259		0.46	<10	<10	248	<10	96			
KZ05R1260		0.01	<10	<10	26	<10	5			
CLEAN ROCK 10		0.17	<10	<10	67	<10	50			
KZ05R1261		0.01	<10	<10	91	<10	39			
KZ05R1262		0.01	<10	<10	166	<10	58			
KZ05R1263		<0.01	<10	<10	23	<10	348			
KZ05R1264		<0.01	<10	10	113	<10	56			
KZ05R1265		0.01	<10	<10	71	<10	7			

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

o: BARRICK GOLD CORPORATION
PO BOX 11120
700-1055 W GEORGIA ST
VANCOUVER BC V6E 3P3

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	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	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
KZ05R1266	0.70	0.002	0.3	1.23	2	<10	180	<0.5	<2	10.95	<0.5	32	104	93	4.99
KZ05R1267	0.72	0.001	0.4	0.45	13	<10	330	<0.5	<2	13.15	<0.5	41	85	60	5.13
KZ05R1268	0.52	<0.001	<0.2	0.71	<2	<10	110	0.5	<2	0.11	<0.5	2	47	3	0.62
KZ05R1269	0.62	<0.001	<0.2	1.19	4	<10	220	0.7	<2	2.23	<0.5	8	5	22	2.64
KZ05R1270	0.60	0.001	<0.2	1.03	<2	<10	180	0.7	<2	2.17	<0.5	9	16	27	2.61
CLEAN ROCK 11	0.80	0.001	<0.2	2.30	7	<10	140	<0.5	<2	1.58	<0.5	9	91	30	2.27
KZ05R1271	0.56	0.001	<0.2	0.97	<2	<10	180	0.6	<2	2.11	<0.5	8	14	24	2.55
KZ05R1272	0.68	0.001	<0.2	0.68	<2	<10	130	<0.5	<2	0.93	<0.5	<1	31	<1	0.43
KZ05R1273	0.76	0.002	0.2	0.37	3	<10	10	<0.5	<2	12.40	<0.5	17	25	6	5.05
KZ05R1274	0.62	<0.001	0.2	1.14	<2	<10	160	0.6	<2	2.86	<0.5	8	29	23	2.40
KZ05R1275	0.08	0.963	10.7	0.20	<2	10	30	<0.5	<2	0.24	<0.5	<1	3	7	2.91
KZ05R1276	0.20	0.003	<0.2	1.20	<2	<10	220	<0.5	<2	0.69	<0.5	4	11	5	2.56
KZ05R1277	0.62	0.001	<0.2	0.75	<2	<10	140	<0.5	<2	0.10	<0.5	<1	42	<1	0.60
KZ05R1278	0.08	0.976	10.7	0.20	2	10	30	<0.5	<2	0.23	<0.5	<1	3	6	2.74
KZ05R3251	0.22	0.004	<0.2	1.18	<2	<10	220	<0.5	<2	0.63	<0.5	4	11	5	2.38
KZ05R3252	0.68	0.001	0.2	0.75	3	10	160	0.7	<2	1.22	<0.5	<1	26	5	0.87
CLEAN ROCK 12	0.68	0.001	<0.2	1.62	<2	<10	90	<0.5	<2	0.94	<0.5	9	21	29	2.87
KZ05R3253	0.52	0.001	<0.2	0.67	2	10	130	0.6	<2	0.75	<0.5	1	28	2	1.57
KZ05R3254	0.62	0.001	<0.2	1.62	75	<10	30	<0.5	<2	0.08	<0.5	3	<1	5	2.88
KZ05R3255	0.44	<0.001	<0.2	1.46	23	10	130	<0.5	<2	0.03	<0.5	<1	11	<1	0.59
KZ05R3255 DUP	0.02	0.001	<0.2	1.45	25	10	120	<0.5	<2	0.03	<0.5	<1	<1	4	0.56
KZ05R3256	0.58	<0.001	<0.2	1.02	92	<10	30	<0.5	<2	0.05	<0.5	2	35	4	1.51
KZ05R3257	0.62	<0.001	<0.2	1.30	130	10	80	<0.5	<2	0.04	<0.5	2	<1	5	3.58
KZ05R3258	0.40	0.001	<0.2	1.17	7	<10	170	0.5	<2	1.04	<0.5	7	13	13	3.22
KZ05R3259	0.66	<0.001	<0.2	0.90	8	<10	170	0.7	<2	5.13	<0.5	5	4	7	3.83
KZ05R3260	0.48	<0.001	<0.2	1.00	44	<10	550	<0.5	<2	0.03	<0.5	<1	20	1	1.56
KZ05R3261	0.50	0.002	<0.2	0.87	3	10	270	0.6	<2	1.92	<0.5	1	<1	3	1.82
KZ05R3262	0.66	0.001	<0.2	0.64	<2	<10	140	0.5	<2	0.07	<0.5	<1	30	<1	0.81
CLEAN ROCK 13	0.78	<0.001	<0.2	1.56	16	<10	80	<0.5	<2	0.95	<0.5	9	71	25	2.21
KZ05R3263	0.56	<0.001	<0.2	1.80	4	<10	390	<0.5	<2	0.26	<0.5	6	5	7	3.45
KZ05R3264	0.56	<0.001	0.3	0.93	4	<10	700	0.7	<2	1.80	<0.5	8	21	10	3.47
KZ05R3265	0.62	<0.001	<0.2	1.34	3	<10	600	0.8	<2	0.56	<0.5	1	<1	2	1.71
KZ05R3266	0.68	<0.001	<0.2	1.26	20	10	150	<0.5	<2	0.03	<0.5	<1	11	<1	0.29
KZ05R3267	0.70	<0.001	<0.2	0.89	3	<10	490	<0.5	<2	0.29	<0.5	5	3	9	1.38
KZ05R3268	0.64	0.008	0.4	4.38	140	<10	100	<0.5	<2	0.31	<0.5	35	21	89	10.15
KZ05R3269	0.54	0.001	0.2	3.28	77	<10	80	<0.5	<2	0.20	<0.5	19	11	162	7.95
KZ05R3270	0.42	0.002	0.3	1.02	247	<10	70	<0.5	<2	0.11	<0.5	13	54	21	1.56
KZ05R3271	0.42	0.008	0.9	3.14	312	<10	100	<0.5	<2	0.33	<0.5	34	10	89	7.36
KZ05R3272	0.68	0.009	<0.2	4.13	54	<10	50	<0.5	<2	3.71	<0.5	28	26	124	9.64
CLEAN ROCK 14	0.68	0.001	<0.2	2.89	6	<10	190	<0.5	<2	1.70	<0.5	10	42	37	3.21

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	Hg-CV41 Hg ppm 0.01	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
KZ05R1266		<10	0.32	0.21	<10	6.42	1095	<1	0.01	214	1020	3	0.01	2	16	292
KZ05R1267		<10	0.37	0.06	<10	5.63	1430	<1	<0.01	238	460	11	0.04	10	18	491
KZ05R1268		<10	0.02	0.26	20	0.06	286	<1	0.02	10	30	16	<0.01	<2	1	10
KZ05R1269		<10	0.18	0.29	20	0.31	621	<1	0.02	10	930	10	<0.01	<2	5	41
KZ05R1270		<10	<0.01	0.27	20	0.81	668	1	0.05	16	880	7	<0.01	<2	6	154
CLEAN ROCK 11		10	0.01	0.10	<10	0.73	353	1	0.15	19	450	6	0.07	<2	5	114
KZ05R1271		<10	<0.01	0.27	20	0.84	618	<1	0.05	12	870	7	<0.01	2	6	157
KZ05R1272		<10	0.04	0.26	10	0.07	221	1	<0.01	2	10	23	<0.01	<2	1	62
KZ05R1273		<10	0.01	0.11	<10	4.81	1770	<1	<0.01	22	140	4	<0.01	<2	10	292
KZ05R1274		<10	<0.01	0.34	20	0.73	784	<1	0.04	13	870	11	<0.01	<2	6	219
KZ05R1275		<10	0.02	0.01	<10	0.05	34	<1	0.08	2	600	120	2.95	<2	<1	5
KZ05R1276		10	<0.01	0.56	10	0.64	595	<1	0.08	6	760	5	<0.01	<2	3	81
KZ05R1277		<10	0.11	0.24	10	0.08	94	<1	<0.01	1	10	8	<0.01	<2	<1	16
KZ05R1278		<10	0.02	0.01	<10	0.05	33	<1	0.08	3	590	114	2.76	<2	<1	4
KZ05R3251		10	<0.01	0.55	10	0.62	578	<1	0.08	4	760	4	<0.01	<2	2	77
KZ05R3252		<10	0.05	0.35	20	0.05	1630	4	<0.01	1	80	25	0.04	3	1	29
CLEAN ROCK 12		10	0.02	0.17	<10	0.79	448	<1	0.12	19	680	3	0.10	<2	6	40
KZ05R3253		<10	0.09	0.29	20	0.04	432	3	0.03	1	200	14	0.09	<2	<1	66
KZ05R3254		10	1.78	0.01	10	0.01	104	7	<0.01	<1	1040	15	0.37	6	3	78
KZ05R3255		<10	2.16	0.19	<10	0.01	20	1	<0.01	<1	240	7	0.01	6	<1	116
KZ05R3255 DUP		<10	2.12	0.18	<10	0.01	17	1	<0.01	<1	230	5	0.01	8	<1	105
KZ05R3256		<10	2.29	0.04	<10	<0.01	25	5	<0.01	2	280	8	1.03	7	<1	56
KZ05R3257		<10	3.04	0.16	<10	0.02	99	4	<0.01	<1	1050	19	0.10	7	2	77
KZ05R3258		<10	0.52	0.16	20	0.13	898	1	0.03	3	1230	7	0.04	<2	4	50
KZ05R3259		<10	0.40	0.04	10	1.04	1425	10	<0.01	1	460	12	<0.01	<2	4	176
KZ05R3260		<10	0.21	0.22	20	0.02	549	20	<0.01	1	40	19	<0.01	<2	1	10
KZ05R3261		<10	0.35	0.22	10	0.13	837	20	0.03	1	330	15	<0.01	<2	1	116
KZ05R3262		<10	0.22	0.23	20	0.01	634	1	0.05	1	30	9	<0.01	<2	1	20
CLEAN ROCK 13		<10	0.03	0.13	<10	1.23	528	<1	0.12	54	430	5	0.02	<2	5	65
KZ05R3263		10	0.06	0.23	30	0.51	427	<1	0.07	3	830	17	<0.01	<2	8	64
KZ05R3264		<10	0.06	0.18	20	0.23	1030	1	0.09	3	1420	7	0.04	<2	5	166
KZ05R3265		<10	0.09	0.11	10	0.03	928	1	<0.01	<1	260	15	<0.01	<2	2	48
KZ05R3266		<10	0.98	0.07	20	0.01	21	2	<0.01	<1	30	15	<0.01	<2	1	20
KZ05R3267		<10	0.01	0.18	20	0.14	243	<1	0.08	2	560	9	<0.01	<2	2	72
KZ05R3268		10	0.09	0.15	<10	1.26	2190	<1	0.03	11	390	4	<0.01	<2	22	19
KZ05R3269		20	0.03	0.03	<10	1.14	1385	<1	0.08	7	630	<2	<0.01	2	25	13
KZ05R3270		<10	0.05	0.16	10	0.12	274	6	<0.01	6	200	5	<0.01	3	2	8
KZ05R3271		10	0.11	0.09	<10	0.87	1475	1	0.04	12	450	14	0.01	3	15	15
KZ05R3272		10	0.07	0.08	<10	1.81	1765	<1	0.02	9	730	2	0.01	<2	22	96
CLEAN ROCK 14		10	0.01	0.37	10	1.04	561	<1	0.21	23	1380	6	0.08	<2	7	72

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Zn-AA46 Zn % 0.01	Pb-AA46 Pb % 0.01	Ag-GRA21 Ag ppm 5
KZ05R1266		0.01	<10	<10	121	<10	40			
KZ05R1267		<0.01	<10	<10	127	<10	63			
KZ05R1268		<0.01	<10	<10	1	<10	18			
KZ05R1269		<0.01	<10	<10	23	<10	42			
KZ05R1270		0.01	<10	<10	42	<10	47			
CLEAN ROCK 11		0.17	<10	<10	68	<10	49			
KZ05R1271		0.01	<10	<10	42	<10	46			
KZ05R1272		<0.01	<10	10	<1	<10	6			
KZ05R1273		<0.01	<10	<10	133	<10	37			
KZ05R1274		0.01	<10	<10	32	<10	45			
KZ05R1275		<0.01	<10	<10	<1	<10	15			
KZ05R1276		0.16	<10	<10	39	<10	46			
KZ05R1277		<0.01	<10	<10	<1	<10	14			
KZ05R1278		<0.01	<10	<10	<1	<10	17			
KZ05R3251		0.15	<10	<10	37	<10	45			
KZ05R3252		<0.01	<10	<10	<1	<10	74			
CLEAN ROCK 12		0.22	<10	<10	71	<10	42			
KZ05R3253		<0.01	<10	<10	2	<10	42			
KZ05R3254		<0.01	<10	<10	39	<10	40			
KZ05R3255		<0.01	<10	<10	5	<10	5			
KZ05R3255 DUP		<0.01	<10	<10	6	<10	7			
KZ05R3256		<0.01	<10	<10	7	<10	9			
KZ05R3257		<0.01	<10	<10	29	<10	42			
KZ05R3258		<0.01	<10	<10	46	<10	51			
KZ05R3259		<0.01	<10	<10	67	<10	70			
KZ05R3260		<0.01	<10	<10	<1	<10	36			
KZ05R3261		<0.01	<10	<10	9	<10	45			
KZ05R3262		<0.01	<10	<10	<1	<10	37			
CLEAN ROCK 13		0.13	<10	<10	52	<10	42			
KZ05R3263		0.03	<10	<10	87	<10	68			
KZ05R3264		0.02	<10	<10	51	<10	56			
KZ05R3265		<0.01	<10	<10	16	<10	68			
KZ05R3266		<0.01	<10	<10	<1	<10	9			
KZ05R3267		0.01	<10	<10	32	<10	25			
KZ05R3268		0.01	<10	<10	255	<10	92			
KZ05R3269		0.01	<10	<10	341	<10	91			
KZ05R3270		<0.01	<10	<10	30	<10	25			
KZ05R3271		0.01	<10	<10	239	<10	88			
KZ05R3272		0.01	<10	<10	236	<10	108			
CLEAN ROCK 14		0.22	<10	<10	94	<10	62			

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

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
KZ05R3273		0.70	0.008	0.6	1.23	190	10	90	<0.5	<2	0.05	<0.5	1	29	2	3.20
KZ05R3274		0.54	0.013	0.2	2.47	56	<10	70	<0.5	<2	0.20	<0.5	18	7	68	4.87
KZ05R3275		0.08	1.840	19.4	0.19	<2	<10	30	<0.5	<2	0.24	<0.5	1	3	4	2.78
KZ05R3276		0.30	<0.001	<0.2	1.24	<2	<10	230	<0.5	<2	0.65	<0.5	5	96	1	2.38
KZ05R3277		0.74	0.101	0.7	1.65	92	<10	330	<0.5	<2	0.11	<0.5	13	13	72	4.04
KZ05R3278		0.82	0.022	<0.2	1.14	65	<10	320	<0.5	<2	0.09	<0.5	3	57	3	1.84
KZ05R3279		0.54	0.002	<0.2	0.58	22	<10	260	<0.5	<2	0.06	<0.5	<1	3	2	0.60
KZ05R3280		0.74	0.001	<0.2	0.86	5	<10	310	<0.5	<2	0.07	<0.5	2	40	23	0.88
KZ05R3280 DUP		0.02	<0.001	<0.2	0.83	5	<10	260	<0.5	<2	0.07	<0.5	2	2	25	0.94
KZ05R3281		0.92	0.188	0.4	0.84	167	<10	100	<0.5	<2	0.01	<0.5	1	61	8	2.97
KZ05R3282		0.58	0.124	5.3	0.43	76	<10	130	<0.5	2	0.03	<0.5	2	5	40	2.08
CLEAN ROCK 15		0.72	0.003	<0.2	2.11	4	<10	110	<0.5	<2	1.24	<0.5	10	62	33	2.56
KZ05R3283		0.58	0.003	<0.2	2.09	25	<10	100	<0.5	<2	0.24	<0.5	15	27	44	4.25
KZ05R3284		0.74	0.001	0.2	0.49	10	<10	40	<0.5	<2	0.04	<0.5	<1	79	11	0.67
KZ05R3285		0.62	<0.001	<0.2	0.75	8	<10	70	<0.5	<2	0.05	<0.5	1	3	4	0.88
KZ05R3286		0.66	0.002	0.3	1.06	30	<10	60	0.7	<2	0.08	<0.5	3	42	12	1.40
KZ05R3287		0.62	0.005	1.5	1.10	21	<10	60	<0.5	<2	11.35	<0.5	3	4	5	1.63
KZ05R3288		0.40	0.022	0.4	1.57	229	<10	1420	<0.5	<2	0.14	<0.5	3	18	7	2.87
KZ05R3289		0.64	0.020	0.2	1.54	50	<10	350	<0.5	<2	0.16	<0.5	4	1	7	2.47
KZ05R3290		0.72	0.024	0.9	3.02	138	10	80	<0.5	<2	0.19	<0.5	29	23	130	6.42
KZ05R3291		0.78	0.010	0.2	1.92	2050	<10	90	<0.5	<2	0.33	<0.5	7	9	102	7.41
KZ05R3292		0.78	0.009	<0.2	2.17	64	<10	30	<0.5	<2	0.15	<0.5	15	27	74	4.28
CLEAN ROCK 16		0.66	0.001	0.2	2.09	42	<10	80	<0.5	<2	1.40	<0.5	9	20	39	3.19
KZ05R3293		0.54	0.010	0.3	1.66	50	<10	60	<0.5	<2	0.13	<0.5	14	44	63	3.91
KZ05R3294		0.78	0.006	0.3	1.12	74	<10	30	<0.5	<2	0.11	<0.5	5	6	56	2.28
KZ05R3295		0.70	0.028	1.8	2.35	1625	<10	60	<0.5	3	0.43	<0.5	13	13	229	28.0
KZ05R3296		0.44	0.034	1.8	2.25	1590	<10	60	<0.5	<2	0.43	<0.5	13	12	220	23.9
KZ05R3297		0.50	0.025	0.2	3.88	114	<10	80	<0.5	<2	0.12	<0.5	29	15	98	8.26
KZ05R3298		0.32	0.003	<0.2	0.57	68	<10	40	<0.5	<2	0.03	<0.5	8	5	86	2.77
KZ05R3299		0.66	0.001	<0.2	1.06	11	<10	30	<0.5	2	0.03	<0.5	8	33	98	2.67
KZ05R3300		0.08	1.785	20.1	0.19	<2	<10	40	<0.5	<2	0.24	<0.5	1	4	5	2.92
KZ05R3301		0.26	0.005	<0.2	1.18	3	<10	230	<0.5	<2	0.60	<0.5	4	9	5	2.24
KZ05R3302		0.68	0.004	0.3	0.61	8	<10	3370	<0.5	<2	1.64	<0.5	10	60	54	2.40
CLEAN ROCK 17		0.90	0.001	<0.2	2.12	<2	<10	140	<0.5	<2	0.85	<0.5	9	27	20	2.53
KZ05R3303		0.74	0.005	<0.2	0.95	25	<10	800	<0.5	<2	0.11	<0.5	12	33	107	3.87
KZ05R3304		0.76	0.002	<0.2	2.65	6	<10	30	0.5	<2	6.63	<0.5	26	6	75	6.28
KZ05R3305		0.36	<0.001	0.3	3.67	3	<10	320	0.6	<2	5.60	<0.5	27	65	45	6.95
KZ05R3305 DUP		0.02	<0.001	0.5	3.60	8	<10	300	0.6	<2	5.66	<0.5	27	64	44	6.97
KZ05R3306		0.70	0.002	<0.2	1.48	125	<10	1080	<0.5	<2	0.18	<0.5	13	21	33	1.78
KZ05R3307		0.60	<0.001	0.2	1.21	6	<10	1140	<0.5	<2	0.20	<0.5	3	6	38	0.71

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

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
KZ05R3273		<10	0.12	0.42	10	0.13	322	<1	<0.01	1	860	8	0.03	4	3	2
KZ05R3274		10	0.11	0.19	<10	1.08	523	7	<0.01	7	430	3	0.16	2	9	20
KZ05R3275		<10	0.05	0.01	<10	0.05	113	<1	0.07	4	610	119	2.79	<2	<1	4
KZ05R3276		10	<0.01	0.57	10	0.64	600	<1	0.09	4	780	4	<0.01	<2	3	76
KZ05R3277		10	0.09	0.05	<10	0.77	269	32	0.01	4	270	<2	0.01	4	8	23
KZ05R3278		<10	0.03	0.20	10	0.26	204	1	<0.01	1	390	5	<0.01	<2	2	12
KZ05R3279		<10	1.12	0.17	10	0.02	49	3	<0.01	1	20	5	<0.01	<2	1	19
KZ05R3280		<10	0.05	0.30	10	0.10	57	<1	0.05	2	70	4	<0.01	<2	1	15
KZ05R3280 DUP		<10	0.03	0.29	10	0.10	60	<1	0.05	2	80	5	<0.01	<2	1	15
KZ05R3281		<10	0.34	0.18	10	0.03	43	126	<0.01	2	210	7	0.09	11	1	4
KZ05R3282		<10	0.17	0.15	<10	0.03	155	16	0.04	2	90	1475	0.06	3	1	13
CLEAN ROCK 15		10	0.01	0.15	<10	0.80	427	1	0.15	13	450	6	0.10	<2	5	101
KZ05R3283		10	0.02	0.28	<10	0.40	583	<1	0.01	15	810	10	<0.01	<2	4	13
KZ05R3284		<10	0.20	0.27	10	0.02	64	3	<0.01	1	20	43	0.02	<2	<1	7
KZ05R3285		<10	0.02	0.26	10	0.14	408	2	<0.01	4	90	3	0.02	<2	1	9
KZ05R3286		<10	0.10	0.32	20	0.26	690	4	<0.01	12	170	48	<0.01	2	1	17
KZ05R3287		<10	0.28	0.13	10	1.26	3540	122	0.01	<1	750	72	1.42	2	2	785
KZ05R3288		<10	0.49	0.04	10	0.19	208	6	<0.01	1	530	81	0.20	11	1	86
KZ05R3289		<10	0.05	0.27	10	0.41	313	14	<0.01	<1	600	15	0.45	3	1	12
KZ05R3290		10	0.22	0.31	<10	1.04	484	20	<0.01	16	480	9	0.39	6	13	13
KZ05R3291		10	3.20	0.15	<10	0.57	219	10	<0.01	4	190	2	0.05	37	12	60
KZ05R3292		10	0.06	0.04	<10	1.06	422	4	<0.01	3	360	<2	0.02	<2	11	14
CLEAN ROCK 16		10	0.07	0.14	<10	0.87	549	1	0.12	12	670	3	0.17	<2	6	52
KZ05R3293		10	0.04	0.03	<10	0.90	348	7	0.03	5	290	<2	0.02	<2	9	9
KZ05R3294		<10	0.09	0.14	<10	0.37	199	1	<0.01	3	200	<2	0.01	<2	6	10
KZ05R3295		10	0.57	0.01	<10	0.27	583	15	<0.01	10	580	3	0.05	25	23	22
KZ05R3296		10	0.37	0.01	<10	0.25	466	13	<0.01	8	530	6	0.05	21	23	22
KZ05R3297		20	0.15	0.22	<10	1.82	565	1	0.03	9	690	<2	0.05	<2	19	10
KZ05R3298		<10	3.99	0.06	<10	0.03	503	<1	<0.01	2	150	<2	0.11	31	4	2
KZ05R3299		<10	10.60	0.04	<10	0.03	503	<1	<0.01	4	140	<2	<0.01	36	12	3
KZ05R3300		<10	0.05	0.01	<10	0.05	113	1	0.09	4	620	127	2.91	<2	<1	6
KZ05R3301		10	0.06	0.54	10	0.60	563	<1	0.09	4	770	3	<0.01	<2	3	75
KZ05R3302		<10	7.51	0.14	<10	0.06	1180	<1	<0.01	5	230	<2	0.10	12	8	68
CLEAN ROCK 17		10	0.02	0.30	<10	0.75	446	<1	0.18	18	460	2	0.07	<2	6	47
KZ05R3303		<10	2.22	0.03	<10	0.12	727	<1	<0.01	2	420	<2	0.09	12	8	8
KZ05R3304		10	0.03	0.14	<10	1.37	1495	<1	0.04	9	830	<2	<0.01	6	22	41
KZ05R3305		20	0.12	0.14	30	1.55	2710	1	0.31	50	2920	<2	0.01	<2	13	323
KZ05R3305 DUP		10	0.10	0.14	30	1.56	2740	1	0.30	50	2930	<2	0.01	<2	13	313
KZ05R3306		<10	15.95	0.06	<10	0.05	149	6	0.01	53	270	38	0.05	91	5	87
KZ05R3307		<10	0.67	0.01	<10	0.04	92	<1	<0.01	4	360	3	0.03	9	3	30

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-AA46	Pb-AA46	Ag-GRA21
	Analyte	Ti	Tl	U	V	W	Zn	Zn	Pb	Ag
	Units	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOR	0.01	10	10	1	10	2	0.01	0.01	5
KZ05R3273		<0.01	<10	<10	14	<10	21			
KZ05R3274		<0.01	<10	<10	124	<10	54			
KZ05R3275		<0.01	<10	<10	<1	<10	20			
KZ05R3276		0.16	<10	<10	39	<10	46			
KZ05R3277		<0.01	<10	<10	138	<10	43			
KZ05R3278		<0.01	<10	<10	16	<10	36			
KZ05R3279		<0.01	<10	<10	1	<10	11			
KZ05R3280		<0.01	<10	<10	9	<10	12			
KZ05R3280 DUP		<0.01	<10	<10	9	<10	12			
KZ05R3281		<0.01	<10	<10	44	<10	10			
KZ05R3282		<0.01	<10	<10	11	<10	83			
CLEAN ROCK 15		0.16	<10	<10	63	<10	40			
KZ05R3283		<0.01	<10	<10	55	<10	52			
KZ05R3284		<0.01	<10	<10	1	<10	37			
KZ05R3285		<0.01	<10	<10	1	<10	13			
KZ05R3286		<0.01	<10	<10	8	<10	64			
KZ05R3287		<0.01	<10	<10	21	<10	57			
KZ05R3288		<0.01	<10	<10	9	<10	61			
KZ05R3289		<0.01	<10	<10	13	<10	51			
KZ05R3290		<0.01	<10	<10	127	<10	99			
KZ05R3291		<0.01	<10	<10	194	<10	31			
KZ05R3292		0.01	<10	<10	149	<10	53			
CLEAN ROCK 16		0.21	<10	<10	81	<10	48			
KZ05R3293		0.01	<10	<10	149	<10	43			
KZ05R3294		<0.01	<10	<10	60	<10	22			
KZ05R3295		0.01	<10	<10	319	<10	159			
KZ05R3296		0.01	<10	<10	309	<10	145			
KZ05R3297		0.01	<10	<10	225	<10	94			
KZ05R3298		<0.01	<10	<10	31	<10	31			
KZ05R3299		0.01	<10	<10	42	<10	40			
KZ05R3300		<0.01	<10	<10	1	<10	46			
KZ05R3301		0.15	<10	<10	37	<10	46			
KZ05R3302		<0.01	<10	<10	50	<10	32			
CLEAN ROCK 17		0.15	<10	<10	64	<10	48			
KZ05R3303		<0.01	<10	<10	59	<10	60			
KZ05R3304		0.02	<10	<10	211	<10	97			
KZ05R3305		0.15	<10	<10	188	<10	118			
KZ05R3305 DUP		0.15	<10	<10	192	<10	120			
KZ05R3306		0.01	<10	<10	36	<10	109			
KZ05R3307		0.01	<10	<10	16	<10	16			

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

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
KZ05R3308		0.60	0.001	0.2	1.40	2	<10	1460	0.7	<2	3.86	<0.5	12	26	25	3.13
KZ05R3309		0.60	0.012	0.7	0.54	124	<10	120	<0.5	<2	0.09	<0.5	4	57	56	1.54
KZ05R3310		0.74	0.002	0.5	2.35	4	<10	260	<0.5	<2	8.93	<0.5	51	281	54	4.97
KZ05R3311		0.68	0.010	0.2	1.60	2	<10	20	<0.5	<2	1.32	<0.5	14	141	277	3.84
KZ05R3312		0.78	0.001	<0.2	0.77	6	<10	140	<0.5	20	0.16	<0.5	1	30	6	0.46
CLEAN ROCK 18		0.66	0.001	<0.2	1.82	3	<10	100	<0.5	<2	1.09	<0.5	6	12	23	2.29
KZ05R3313		0.48	<0.001	<0.2	0.82	12	<10	190	0.6	<2	1.70	<0.5	4	17	9	1.85
KZ05R3314		0.40	<0.001	<0.2	0.85	<2	<10	160	<0.5	<2	1.62	<0.5	<1	3	3	1.03
KZ05R3315		0.62	0.044	0.2	1.08	32	<10	50	<0.5	<2	0.60	<0.5	40	105	112	6.97
KZ05R3316		0.88	0.007	0.2	3.07	31	10	240	<0.5	<2	0.21	<0.5	27	24	160	6.75
KZ05R3317		0.08	0.956	11.0	0.20	2	10	30	<0.5	<2	0.24	<0.5	1	5	8	2.93
KZ05R2301		0.30	0.003	<0.2	1.24	<2	<10	240	<0.5	<2	0.67	<0.5	5	102	5	2.44
KZ05R2302		0.60	0.003	<0.2	0.67	20	<10	90	<0.5	<2	8.02	<0.5	7	18	17	1.84
KZ05R2303		0.44	0.057	0.4	0.11	40	<10	50	<0.5	<2	1.36	<0.5	3	150	5	1.51
KZ05R2304		0.08	1.745	20.1	0.19	2	<10	40	<0.5	<2	0.25	<0.5	1	4	5	2.94

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

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
KZ05R3308		<10	1.61	0.30	10	1.28	1290	1	0.01	32	700	8	0.06	<2	9	163
KZ05R3309		<10	1.00	0.06	<10	0.02	66	<1	<0.01	19	620	28	0.06	3	7	47
KZ05R3310		10	0.13	0.02	<10	9.93	2000	<1	<0.01	576	490	<2	0.05	<2	14	398
KZ05R3311		10	0.02	0.07	<10	1.30	567	<1	0.14	26	980	<2	0.01	<2	9	41
KZ05R3312		<10	0.08	0.24	20	0.12	99	5	0.05	10	30	9	<0.01	<2	1	44
CLEAN ROCK 18		10	0.01	0.21	10	0.67	652	<1	0.15	9	530	3	0.01	<2	4	61
KZ05R3313		<10	0.03	0.33	<10	0.04	948	<1	0.07	3	710	25	<0.01	<2	3	178
KZ05R3314		<10	0.04	0.22	10	0.16	446	1	0.01	1	10	17	0.01	<2	1	81
KZ05R3315		<10	0.04	0.29	<10	1.62	471	<1	<0.01	49	870	<2	1.04	<2	14	33
KZ05R3316		<10	0.28	0.27	<10	0.75	1085	1	0.01	75	930	<2	0.08	<2	15	15
KZ05R3317		<10	0.03	0.01	<10	0.05	35	1	0.10	1	620	118	2.89	<2	<1	5
KZ05R2301		10	0.01	0.55	10	0.62	580	<1	0.10	5	810	3	0.01	<2	3	86
KZ05R2302		<10	0.02	0.16	<10	0.39	1365	2	0.05	14	440	9	0.67	<2	3	137
KZ05R2303		<10	0.01	0.05	<10	0.37	280	10	<0.01	11	280	4	0.13	<2	1	14
KZ05R2304		<10	0.04	0.01	<10	0.05	113	<1	0.09	4	630	122	2.93	<2	<1	6

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 13-SEP-2005
Account: ATC

Project: KIZMET-2052

CERTIFICATE OF ANALYSIS VA05074408

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-AA46	Pb-AA46	Ag-GRA21
	Analyte	Ti	Tl	U	V	W	Zn	Zn	Pb	Ag
	Units	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOR	0.01	10	10	1	10	2	0.01	0.01	5
KZ05R3308		<0.01	<10	<10	62	<10	56			
KZ05R3309		<0.01	<10	<10	15	<10	18			
KZ05R3310		<0.01	<10	<10	108	<10	48			
KZ05R3311		0.19	<10	<10	111	<10	47			
KZ05R3312		<0.01	<10	<10	3	<10	9			
CLEAN ROCK 18		0.16	<10	<10	41	<10	42			
KZ05R3313		<0.01	<10	<10	14	<10	51			
KZ05R3314		<0.01	<10	<10	1	<10	13			
KZ05R3315		<0.01	<10	<10	107	<10	51			
KZ05R3316		<0.01	<10	<10	164	<10	107			
KZ05R3317		<0.01	<10	<10	1	<10	15			
KZ05R2301		0.16	<10	<10	40	<10	49			
KZ05R2302		<0.01	<10	<10	24	<10	32			
KZ05R2303		<0.01	<10	<10	19	<10	8			
KZ05R2304		<0.01	<10	<10	1	<10	19			

APPENDIX V

ROCK, SEDIMENT, SOIL DESCRIPTIONS AND RESULTS

Part 1: Rock Samples

Index of codes

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

Rock Codes	
F	Felsic volcanic-undifferentiated
FD	Dacite
FDEP	Quartz-feldspar porphyry-dacitic
FDFP	Feldspar porphyry-dacitic
FE	Feldspathoid-rich volcanic
FR	Rhyolite
FREP	Quartz-feldspar porphyry-rhyolitic
FRQP	Quartz porphyry-rhyolitic
FT	Felsic tuff-undifferentiated
FTDA	Dacite ash/lapilli/vitric tuff
FTDB	Dacite breccia
FTDL	Dacite lithic crystal tuff
FTDX	Dacite crystal tuff
FTRA	Rhyolite ash/lapilli/vitric tuff
FTRB	Rhyolite breccia
FTRL	Rhyolite lithic crystal tuff

Rock Codes	
FTRT	Rhyolite pyroclastic-ignimbrite
FTRX	Rhyolite crystal tuff
G	Granitoid-undifferentiated
GA	Microgranite/felsic or aplite
GF	Feldspathoid-rich intrusive
GI	Intermediate dike-undifferentiated
GID	Diorite
GIEP	Quartz-feldspar diorite porphyry
GIFP	Feldspar diorite porphyry
GIM	Monzodiorite
GIMQ	Quartz monzodiorite
GOOP	Porphyritic granitoid intrusive-undifferentiated
GR	Granite
GRD	Granodiorite
GRQ	Quartz-rich granitic rock
GSM	Monzonite
I	Intermediate volcanic-undifferentiated
IA	Andesitic volcanic
IAB	Basaltic andesite
IAOP	Porphyritic andesite-phenocrysts undefined
IT	Intermediate tuff-undiff
ITAA	Andesite ash/lapilli tuff
ITAB	Andesite breccia/pyroclastic
ITAL	Andesite lithic crystal tuff
ITAX	Andesite crystal tuff
M	Undifferentiated mafic rock
MB	Basalt or undiff mafic to intermediate volcanic
MG	Gabbro/Gabbroic rock-general
MT	Basaltic/mafic tuff-undifferentiated
MTOL	Basaltic/mafic tuff-lithic
PBA	Breccia-angular clasts
PBR	Breccia-rounded clasts
PDS	Intense brittle-ductile shear zone
PSB	Biotite dominated schist
S	Undifferentiated sedimentary rocks
SAF	Mudstone, shale, slate
SAS	Siltstone
SAY	Finely laminated/graded argillites, minor sands
SCC	Carbonate rocks-undifferentiated
SCCK	Chalk or chalky deposits
SCD	Dolostone/dolomitic limestone
SCJ	Jasper
SCL	Limestone-undifferentiated
SCT	Chert
SRB	Angular clasts-breccia
SRBU	Monomictic breccia
SRBW	Polymictic breccia

Rock Codes	
SRC	Rounded clasts-conglomerate
SRCK	Pebble to cobble size dominant conglomerate
SRCU	Monomictic conglomerate
SRCW	Polymictic conglomerate
SS	Sandstones/arenties-undifferentiated (0.5-2.0mm)
SSAF	Fine-grained arkose and feldspathic sandstone
SSHF	Fine-grained finely interbedded/laminated sandstone and argillite
SSLB	Pebbly sandstone
SSLC	Coarse-grained lithic sandstone
SSLF	Fine-grained lithic sandstone
SSLM	Medium-grained lithic sandstone
SSPF	Fine-grained micaceous sandstone
SSQF	Fine-grained quartzite
SSWF	Fine-grained greywacke/turbidite
SSWM	Medium-grained greywacke/turbidite
SSYF	Fine-grained finely bedded/graded sandstones
SVA	Volcanic/tuffaceous argillite
SVD	Volcanic debris flow
U	Ultramafic rock-undifferentiated
UNKNOWN	UNKNOWN

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration Type	Dominant Alteration Intensity	Dominant Alteration Style	Secondary Alteration Type	Secondary Alteration Intensity	Secondary Alteration Style	Mineral 1 Type	Mineral 1 %	Mineral 1 Style	Mineral 1 Size	Mineral 2 Type	Mineral 2 %	Mineral 2 Style	Mineral 2 Size	Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05R0002	GRAB	ANewton	14-Jun-05	607221	6509427	SI	Weak	PA	KL	Moderate	EA	AP	1	DS	FG					GSM	0.064	2.7	222	45	30	790	0.12	182	From wall rock surrounding 20-30cm central green vein. Rusty red/brown colour on surface.
KZ05R0003	GRAB	ANewton	14-Jun-05	607332	6509402	SI	Strong	EA	CL	Moderate	SP									FTDX	0.0005	0.1	9	61	9	19	0.01	4	Hornblende laths [15%] common through dacitic composition body of rock.
KZ05R0004	GRAB	ANewton	14-Jun-05	607433	6509404	SI	Strong	EA				PO	2	DS	FG					FTDX	0.0005	0.1	10	38	13	60	0.005	3	Possible small spots of native sulphur through sample to 3mm diameter. Primary textures almost completely obscured by alteration.
KZ05R0005	GRAB	ANewton	14-Jun-05	607524	6509416	SI	Strong	EA				PO	0.5	DS	VFG	PY	0.1	DS	VFG	FT	0.0005	0.4	16	68	94	44	0.005	4	Very hard to tell what protolith is due to alteration.
KZ05R0006	FLOAT	ANewton	14-Jun-05	607539	6509324	SI	Strong	EA				OT	3	SV	FG					FT	0.0005	0.1	14	13	3	3	0.04	1	Rock is buff coloured with likely bands of pyrolusite about a central felsic core.
KZ05R0007	GRAB	ANewton	15-Jun-05	614485	6509634															SSLM	0.0005	0.1	4	43	22	4	0.11	1	Minor iron oxide staining through outcrop turning rock dark brown to orange in rare spots.
KZ05R0008	GRAB	ANewton	15-Jun-05	614597	6509680	SI	Weak	EA												SSWM	0.0005	0.1	4	42	34	4	0.4	1	Sample location consisted of interbedded sst and congl.
KZ05R0009	GRAB	ANewton	15-Jun-05	621191	6507588	SI	Detectable	EA												SSPF	0.001	0.1	8	87	13	13	0.01	1	
KZ05R0010	GRAB	ANewton	15-Jun-05	621126	6507562	SI	Detectable	EA				PY	0.5	DS	FG					SSLF	0.0005	0.2	15	106	13	21	0.005	1	
KZ05R0011	GRAB	ANewton	15-Jun-05	621115	6507482	SI	Moderate	EA												SAF	0.0005	0.2	13	305	18	62	0.01	1	Interbedded mudstone w/ minor siltstone. Rock is brecciated, appears to lie near a small shear zone.
KZ05R0012	GRAB	ANewton	15-Jun-05	621184	6507399	SI	Moderate	EA				PY	0.1	DS	MG					GI	0.0005	0.1	24	78	4	9	0.005	1	Appears quite massive, may be due to alteration.
KZ05R0013	GRAB	ANewton	15-Jun-05	621272	6507311	SI	Detectable	EA				PY	0.5	DS	FG					SSAF	0.0005	0.1	5	104	14	48	0.005	2	
KZ05R0014	GRAB	ANewton	18-Jun-05	621173	6504302	SI	Weak	EA	EP	Weak	SP	PY	0.5	DS	MG					GIEP	0.004	0.1	6	39	16	20	0.005	1	
KZ05R0015	FLOAT	ANewton	18-Jun-05	620758	6504464	SI	Detectable	PA	EP	Moderate	PA	PY	0.1	DS	FG					GIM	0.009	0.2	17	76	8	62	0.04	2	Float collected 10m below ridge spine.
KZ05R0016	GRAB	ANewton	18-Jun-05	620800	6504310	SI	Weak	EA												SAY	0.0005	0.1	6	39	10	12	0.005	1	Outcrop appears to consist of interbedded mudsrtone w with lesser silty laminae.
KZ05R0017	FLOAT	ANewton	18-Jun-05	620802	6504308	SI	Detectable	PA	IL	Moderate	SP									SAF	0.0005	0.1	4	49	6	3	0.005	1	No outcrop of similar rock visible nearby.
KZ05R0018	FLOAT	ANewton	18-Jun-05	621257	6504015	SI	Moderate	RF	CB	Moderate	FL									GI	0.0005	5.6	1100	530	34	6	0.26	2	No outcrops of similar comp visible nearby. Several similar pieces of float nearby. Appears to be white, intermediate brecciated dike.
KZ05R0019	FLOAT	ANewton	18-Jun-05	621279	6504005	CL	Strong	RF	CB	Moderate	RM	PY	0.1	DS						PBR	0.0005	5.5	7770	7680	8	23	0.04	3	Sample very altered, hard to tell original rock type.
KZ05R0020	FLOAT	ANewton	18-Jun-05	621495	6503774	SI	Strong	RM	IL	Moderate	RF									GI	0.003	8	876	167	21	4	0.05	1	Similar pieces of float visible in the near area.
KZ05R0022	FLOAT	ANewton	18-Jun-05	621588	6503491	IL	Detectable	EA												GI	0.0005	0.1	9	14	2	2	0.01	1	Very pale white to buff coloured.
KZ05R0023	FLOAT	ANewton	18-Jun-05	621122	6503569	SI	Weak	EA	IL	Moderate	SP	PY	0.5	DS	FG					GSM	0.0005	0.2	21	15	4	5	0.005	1	Quartz eyes and altered biotite books indicate protolith may similar to Thorn intrusion.
KZ05R0024	FLOAT	ANewton	18-Jun-05	620986	6503684	SI	Moderate	EA				PY	0.5	DS	MG					GSM	0.0005	0.1	14	36	5	1	0.02	1	Float taken from large boulder in outwash plain.
KZ05R0027	FLOAT	ANewton	19-Jun-05	610887	6506223	IL	Weak	PA	CL	Detectable	SP	PY	0.1	DS	FG					FTRX	0.0005	0.7	284	513	42	11	0.46	1	Float located near top of mountain. Little similar float visible nearby.
KZ05R0028	GRAB	ANewton	19-Jun-05	610625	6506261															SAY	0.006	0.1	11	85	91	27	0.01	1	Approx 5m away from contact w/ volcanic tuffs above. Also within 3m of cross-cutting clay altered fracture.
KZ05R0029	FLOAT	ANewton	19-Jun-05	610556	6506201	SI	Weak	EA	IL	Moderate	FF									F	0.011	0.1	23	29	22	120	0.02	1	Float located below cliffs and is not representative of float in the area.
KZ05R0030	FLOAT	ANewton	19-Jun-05	610527	6506210	IL	Moderate	EA												UNKNOWN	0.031	0.1	10	50	12	28	0.01	1	Rare similar pieces of similar float located in the same area.
KZ05R0031	FLOAT	ANewton	19-Jun-05	610478	6506267	SI	Weak	RF	IL	Moderate	RM	PY	0.5	DS	FG	AP	2	MA	FG	SRBU	1.64	3.4	2010	104	66	10000	0.005	25	Up to 5% similar float visible nearby, outcrop in cliff above appears to be of similar colouration [yellow to lime green]. Sample is mudstone fragments in intrusive matrix?
KZ05R0032	FLOAT	ANewton	19-Jun-05	610439	6506388	SI	Strong	EA	CL	Weak	SP	PY	1	DS	VFG					SAS	0.002	0.1	20	74	16	6	0.01	3	Rock appears laminated w/ rare spots to 2mm of chlorite maybe. No similar rocks in the area.
KZ05R0033	GRAB	ANewton	19-Jun-05	610378	6506387															SAY	0.005	0.3	31	41	46	150	0.01	1	Taken from outcrop 10mbelow contact w/ overlying volcanic units [Windy Table].
KZ05R0034	FLOAT	ANewton	19-Jun-05	610355	6506382	SI	Detectable	EA												SRCW	0.001	0.1	11	42	15	158	0.02	1	Approx 20% of float nearby was similar conglomerate. No visible source in outcrops above.
KZ05R0035	FLOAT	ANewton	19-Jun-05	611086	6506736	SI	Weak	PA	CL	Detectable	PA	PY	2	DS	FG					G	0.018	0.2	18	33	7	28	0.005	1	All float in immediate area appears to be the same as this sample.
KZ05R0036	FLOAT	ANewton	19-Jun-05	611074	6506820	SI	Weak	EA				PY	1	<V	FG					SAY	0.003	0.1	5	54	47	6	0.02	1	Approx 50% of float in area similar to sample. Sample composed of interbedded mudstone and siltstone.
KZ05R0037	FLOAT	ANewton	19-Jun-05	611065	6506909	IL	Strong	RM				PY	0.5	<V	FG					SAF	0.01	0.2	7	73	52	10	0.03	1	Mudstone cobble surrounded by clay altered breccia matrix and small fragments. No similar float nearby.
KZ05R0038	FLOAT	ANewton	19-Jun-05	611065	6506910	SI	Strong	EA				PY	0.5	<V	FG					SAY	0.012	0.1	36	64	64	23	0.02	5	Sample strongly silicified, appears v cherty almost. Few similar float samples nearby.
KZ05R0039	FLOAT	ANewton	19-Jun-05	611039	6507007	IL	Strong	EA												UNKNOWN	0.017	0.4	28	15	12	11	0.01	1	Original rock unrecognizable due to alteration. Rare pieces of similar float in the area.
KZ05R0041	GRAB	ANewton	20-Jun-05	613526	6502765															FTRL	0.0005	0.2	13	62	1	11	0.01	1	Elevation likely inaccurate due to changing wind conditions.
KZ05R0042	GRAB	ANewton	20-Jun-05	614108	6502797															SRCK	0.0005	0.1	5	76	44	8	0.01	1	Conglomerate is polymictic composed of pebble to boulder sized volcanic clasts [75%] and pebble to cobble sized mostly mudstone clasts [25%]. Matrix is volcanic derived.
KZ05R0043	FLOAT	ANewton	20-Jun-05	614227	6502950							PY	0.5	DS	MG					FTRL	0.003	0.8	91	773	18	22	0.05	6	Volcanic fragments up to 5mm. 95% of float on this slope is similar.
KZ05R0044	GRAB	ANewton	20-Jun-05	613799	6502506															SAY	0.0005	0.1	7	122	64	24	0.02	1	Sample collected just below contact w/ overlying Windy Table volcanics. Mudstone quite fissile.
KZ05R0045	GRAB	ANewton	20-Jun-05	613567	6502534	CY	Detectable	FF												FTDL	0.0005	0.1	16	55	80	16	0.05	1	Sample is buff to grey in colour and has minimal clay alteration on some fractures/in some voids.
KZ05R0046	GRAB	ANewton	20-Jun-05	612850	6502421	IL	Weak	EA												FTDX	0.0005	0.1	14	52	4	6	0.03	2	Outcrop located in area where volcanic rocks appear to weather more readily. Outcrop is buff and contains abundant feldspar fragments [75% of rock].
KZ05R0047	GRAB	ANewton	20-Jun-05	612580	6502842							PY	0.1	MA						SRCW	0.0005	0.1	17	115	45	31	0.05	1	Taken below contact with overlying tuff unit. Nature of conglomerate unsure due to weathering and crumbly nature.
KZ05R0058	GRAB	ANewton	22-Jun-05	605404	6511798															GSM	0.0005	0.1	3	66	35	33	0.01	1	Sample is dark grey and feels heavy for its size. No visible mineralization. May contain some trace DS pyrite.
KZ05R0059	FLOAT	ANewton	22-Jun-05	605399	6511438	CY	Detectable	EA												PBA	0.001	0.1	1	64	127	9	0.02	1	90% of talus on slope is similar breccia. Fragments appear to be intermediate to mafic in composition, matrix is slightly lighter grey. Rock appears to be detectably clay altered [a little soft]. Outcrop in cliff above likely the same.
KZ05R0060	GRAB	ANewton	22-Jun-05	605407	6511211	SI	Weak	PA	CY	Detectable	SP									G	0.0005	0.1	2	85	69	5	0.06	1	Original rock unidentifiable due to oxidation throughout rock. Rock is fine grained and light brown in colour w/ veinlets to 2mm of qtz and an unidentified black and non metallic mineral.
KZ05R0061	GRAB	ANewton	22-Jun-05	605052	6511163															GSM	0.0005	0.1	5	79	7	4	0.04	1	Area where sample collected quite broken/friable due to possible nearby fault. Dike located approx 40 from sample site.
KZ05R0062	FLOAT	ANewton	22-Jun-05	604687	6511656							PY	0.25	<V	FG					FR	0.0005	0.1	10	55	110	3	0.04	1	Sample appears to be an amygdaloidal dacite. Darker green/grey rounded 'amygdules' lie in a lighter green/grey matrix. Approx. 1% similar float in area. Also noted strange red veinlet infilling beside pyrite [hematite?].
KZ05R0063	FLOAT	ANewton	22-Jun-05	604547	6511595	CL	Weak	RM	EP	Weak	RM									SCL	0.0005	0.3	22	135	76	49	0.005	5	Approx 2% similar float in the area. Rock consists of angular limestone fragments in a light green/yellow altered matrix, likely epidote and chlorite. No visible min. Richard believes this rock is some kind of limestone skarn.
KZ05R0064	FLOAT	ANewton	22-Jun-05	604276	6512215	SI	Moderate	FL	CY	Strong	RF	PY	0.5	DS	MG					PBR	0.0005	0.4	16	37	32	94	0.005	13	Sample consists of clay altered fragments in a qtz brecciated rock. Minor mineralization found at contacts between fragments and matrix. Only one other similar piece found in the area.
KZ05R0074	FLOAT	ANewton	25-Jun-05	601423	6501104	EP	Moderate	PA												GSM	0.004	0.1	3	67	4	2	0.005	1	Approx 85% of slope composed of same rock. Rock is light green to grey, fg, and contains small pyroclastic frags.

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

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	Intensity	Style	Type	Intensity	Style	Type	%	Style	Size	Type	%	Style	Size										
KZ05R0077	GRAB	ANewton	25-Jun-05	601418	6501288	SI	Weak	FL	MS	Weak	RF									FTRL	0.002	0.1	4	59	7	8	0.005	1	Dark grey rock with fragments in it that seem to be sericite altered. Matrix of rock is silica altered.
KZ05R0078	FLOAT	ANewton	25-Jun-05	601428	6501393	SI	Moderate	EA				AP	2	DS	FG	PY	0.5	DS	FG	FREP	0.001	0.1	8	31	57	3	0.005	1	Rock is silicified and dark grey. Appears to be a rhyolitic porphyry. Only a couple small pieces on slope are similar [0.5%?]. Very rusty exterior. May be sourced from a series of rusty looking vein farther up the hillside.
KZ05R0079	GRAB	ANewton	25-Jun-05	601462	6501817	SI	Weak	EA	EP	Weak	SP									GSM	0.0005	0.1	6	53	21	7	0.005	1	Sample is grey/green and may have hint of clay alteration as minor parts appear slightly bleached.
KZ05R0080	FLOAT	ANewton	25-Jun-05	601503	6501750	CY	Complete	RF	EP	Weak	RM									I	0.0005	0.1	11	91	7	1	0.005	1	Approx 0.5% similar float in immediate area. Sample appears to be an intermediate pyroclastic volcanic rock with fragment completely altered to clay and recessively weathered for the most part.
KZ05R0081	FLOAT	ANewton	25-Jun-05	601544	6501934	SI	Moderate	EA	CY	Moderate	PA	PY	5	DS	FG					FTRX	0.003	3.5	3940	208	93	40	0.01	3	Sample most likely came from gossanous cliffs above that appear to have multiple veins cutting them [dipping approx south]. Some vuggy space in sample with pockets of pyrite inside. May be some aspy in sample as well.
KZ05R0082	FLOAT	ANewton	25-Jun-05	601590	6502442	SI	Moderate	EA	IL	Moderate	EA	PY	10	>V	FG	AP	0.5	>V	FG	GSM	0.0005	0.4	259	24	4	223	0.21	10	Approx 2-3% of float in area similar to sample. Exterior rusty brown to yellow, fresh surface yellow to buff coloured. Sample quite vuggy, qtz has replaced much of original rock.
KZ05R0083	FLOAT	ANewton	25-Jun-05	601518	6502859	SI	Weak	EA				PY	1.5	DS	FG					F	0.0005	0.1	37	13	2	3	0.005	1	Rock is buff coloured, quite hard. Approx 40 of slope is composed of similar rock. Source is likely a dyke[s]] above on the hillside.
KZ05R0084	GRAB	ANewton	25-Jun-05	601650	6503104	SI	Weak	EA				PY	1	DS	FG					F	0.0005	0.1	6	4	15	13	0.005	1	Sample is part of a gossanous outcrop that may be a dike since surrounding rocks are a darker fg volcanic rock, unmineralized. Sample is buff coloured on fresh surface, fg.
KZ05R0085	GRAB	ANewton	25-Jun-05	601263	6503278	SI	Weak	EA				PY	1	DS	FG					F	0.002	0.7	118	18	7	63	0.005	1	Sample collected from outcrop that is approx 10m wide; may be a buff/gossanous coloured dike. Several similar dikes visible in surrounding hills. Surrounding rock is light-medium green, unaltered and unmineralized.
KZ05R0086	GRAB	ANewton	26-Jun-05	638283	6501042	CY	Moderate	RF												GRD	0.0005	0.1	20	77	5	21	2.23	1	Rock is quite weathered throughout. Much of the feldspar crystals are clay altered [brown]. Rock is fg and buff to light orange in colour.
KZ05R0087	FLOAT	ANewton	26-Jun-05	638672	6500668	CY	Strong	FF												GRD									All rocks in this area are the same. Sample composed of fractured host rock with buff to light yellow clay alteration along fractures. Appears to be some pyrobitumen along fractures as well. Sample lost before it could be sent in for analysis.
KZ05R0088	GRAB	ANewton	26-Jun-05	638962	6500117	CY	Weak	RF												FTRL	0.0005	0.1	31	16	13	15	0.2	1	Sample consists of what appear to be rhyolitic tuffaceous fragments in a black [mudstone?] matrix. Also appears to be a few small woody fossil fragments in the matrix.
KZ05R0089	GRAB	ANewton	26-Jun-05	640335	6500082	CY	Detectable	EA	CY	Weak	FF	PY	0.25	DS	FG					G	0.0005	0.1	14	66	15	5	0.37	5	Sample collected from top of sharp ridge. Rock is light pink with small rusty spots in it, may contain a few blades of hornblende.
KZ05R0090	FLOAT	ANewton	26-Jun-05	640347	6500016	CY	Moderate	EA				PY	0.25	DS	FG					G	0.0005	0.1	14	39	5	2	0.63	1	Rock is light pink with small rusty spots in it, seems to contain some blades/crystals of hornblende [dike?] Pinkish clay mineral has replaced most of the rock.
KZ05R0091	GRAB	ANewton	26-Jun-05	641268	6499824	CY	Weak	EA												GRD	0.0005	0.1	15	66	2	11	0.16	1	Rock is quite soft. Matrix about feldspar frags is creamy pink colour.
KZ05R0092	GRAB	ANewton	26-Jun-05	641472	6500110	CY	Weak	RF												GRD	0.0005	0.1	7	51	2	3	0.14	1	Feldspar fragments are soft and clay altered white.
KZ05R0093	FLOAT	ANewton	29-Jun-05	635617	6494884	CH	Weak	RM												PBA	0.002	0.1	4	58	203	4	0.01	1	Approx 25% similar float on hillside. Rest of slope is un-brecciated dike. Sample seems to be composed of an intermediate dike containing well formed plagioclase laths surrounded by brecciated dike material in a chlorite altered matrix.
KZ05R0094	GRAB	ANewton	29-Jun-05	635577	6494488	SI	Detectable	RM	CL	Detectable	RF									GI	0.003	0.1	6	51	188	4	0.01	1	Outcrop in area composed of clean and solid brown intermediate comp rock with well defined plagioclase laths in it. Plag may be slightly chlorite altered.
KZ05R0095	GRAB	ANewton	29-Jun-05	635474	6494453	CL	Detectable	RM												IA	0.002	0.1	3	55	162	2	0.03	1	Outcrop sample appears to be an amygdaloidal andesitic flow. Amygdules up to 8mm are chlorite or quartz filled. Minor qtz veining through unit as well. Unit appears to be only 1.5-2m thick and lies between dike/sill unit w/ well formed plag laths.
KZ05R0097	GRAB	ANewton	29-Jun-05	635342	6494205	SI	Detectable	PA	CL	Detectable	SP									GRD	0.0005	0.1	21	61	14	3	0.01	1	Sample is likely intrusive and the same comp as the Thorn stock [contains well defined biotite books and some feldspar]. Slight orange discolouration of the outcrop, especially along fractures. Outcrop is quite friable.
KZ05R0098	GRAB	ANewton	29-Jun-05	635136	6493878	CL	Detectable	EA	MS	Weak	PA									GRD	0.0005	0.1	16	70	13	5	0.005	1	Sample is approx 50:50 dark versus pink in colour. Feldspars are weakly altered, maybe by sericite. Some well formed biotite books present as well.
KZ05R0102	GRAB	ANewton	30-Jun-05	629625	6481053	CL	Detectable	EA												GRD	0.0005	0.1	3	25	4	1	0.01	1	Approx 40% of outcrop in this area displays a pinkish hue on weathered surface. Sample collected is one of these. Small biotite flecks seem concentrated in pockets through sample.
KZ05R0103	FLOAT	ANewton	30-Jun-05	629453	6481071	CY	Moderate	EA	CL	Detectable	PA									G	0.0005	0.1	2	7	8	1	0.005	1	Approx 1% of float on slope is similar, rest is granodiorite. Sample is light yellow, fg, with rare biotite remnants. Appears to be some lisgaard texture through sample as well [alt intensity banding]
KZ05R0104	FLOAT	ANewton	30-Jun-05	629309	6481055	CL	Detectable	SP												PBA	0.01	0.1	15	30	6	3	0.005	1	Approx 0.5% similar float on slope in immediate area. Sample is a qtz vein brecciated granite. Veins are 0.2-1cm thick. Little movement of fragments as a result of brecciation.
KZ05R0105	GRAB	ANewton	30-Jun-05	629049	6481119	CY	Weak	EA												G	0.0005	0.1	7	39	3	1	0.005	1	*Outcrop is only about 1 by 3m amongst float and soil. Approx 40% of float in area is similar.* Sample is a light yellow altered fg-mg granitoid displaying lisgaard textures [alt banding]. Sample is proximal to several small qtz veins.
KZ05R0106	GRAB	ANewton	30-Jun-05	628748	6481226	SI	Detectable	SP	CY	Detectable	PA									GRD	0.001	0.1	2	10	20	1	0.005	1	Sample taken proximal to a series of vuggy qtz veins 0.5-30cm thick. Float and outcrop down slope and to the south seems to be similar. Vein orientation generally 010/55 and 237/82. Minor brecciation of granodiorite at vein margins.
KZ05R0107	GRAB	ANewton	30-Jun-05	628984	6481031	CY	Weak	EA	CL	Weak	PA									GRD	0.0005	0.1	32	217	4	2	0.07	2	Sample collected 1m below contact with a cross-cutting mafic dike, oriented approx 187 and dipping steeply to the SW. Sample is light yellow and displays some alteration zonation bands [lisegaard]. Alt visually dies out 3-5m on either side of dike.
KZ05R0108	GRAB	ANewton	30-Jun-05	628750	6480282	SI	Strong	EA												G	0.015	0.1	5	14	2	2	0.005	1	Whole area surrounding this sample is pervasively qtz veined and silica altered as a result. Very little outcrop visible, but much float does exist. Rock appears to have been some kind of granitoid originally.
KZ05R0109	GRAB	ANewton	30-Jun-05	628416	6480380	SI	Weak	EA	EP	Weak	SP									GRD	0.0005	0.1	1	32	1	3	0.005	5	Sample is weakly silicified as are all the surrounding rocks for approx 100m. A 1.5m thick brown mafic dike cuts through this granodiorite unit approx 5m away from sample site. No apparent alt or min associated.
KZ05R0110	GRAB	ANewton	30-Jun-05	627988	6480632	SI	Moderate	PA	CL	Weak	PA									G	0.0005	0.1	3	42	3	4	0.005	1	Sample is mottled green and white/grey by alteration. Appears to be granodiorite in origin. Several small qtz vein cut the area [3-5mm wide].
KZ05R0111	GRAB	ANewton	30-Jun-05	627769	6480779	SI	Moderate	EA	CL	Detectable	SP	PY	0.25	DS	FG	PY	2	RE	FG	FT	0.0005	0.1	13	37	29	12	0.005	2	Sample taken from outcrop 5 by 10m in size that has a gossanous appearance when weathered. Surrounding rock is same type but lacks mineralization and rusty surface. Textures essentially obscured by alteration.
KZ05R0112	GRAB	ANewton	30-Jun-05	627551	6480804	SI	Weak	EA				PY	0.25	DS	FG					FTDX	0.0005	0.1	12	40	27	9	0.005	2	Outcrop in this area consists of relatively clean dacite tuffs w/ fragments to 6cm but commonly around 1cm diameter. Matrix comprises approx 65% of rock.

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

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration Type	Dominant Alteration Intensity	Dominant Alteration Style	Secondary Alteration Type	Secondary Alteration Intensity	Secondary Alteration Style	Mineral 1 Type	Mineral 1 %	Mineral 1 Style	Mineral 1 Size	Mineral 2 Type	Mineral 2 %	Mineral 2 Style	Mineral 2 Size	Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05R0113	FLOAT	ANewton	30-Jun-05	627429	6480811	CL	Weak	RM	CL	Moderate	RF									FTRL	0.001	1.4	481	276	3	3	0.005	4	Float area approx 10 by 10m, many of the chlorite altered frags are weathered out making weathered rock appear amygdaloidal.
KZ05R0114	GRAB	ANewton	03-Jul-05	631478	6477226	CY	Weak	EA	CL	Detectable	SP	PY	2	DS	MG					GRD	0.0005	0.6	22	73	5	7	0.005	1	Sample collected from a 1.5m wide gossanous section that cuts the outcrop. Sample appears to be same as surrounding rock except that it is altered. Gossanous rock weathers recessively.
KZ05R0115	FLOAT	ANewton	03-Jul-05	631420	6477296	SI	Weak	RM	EP	Weak	RF	PY	0.5	>V	FG					PBA	0.002	0.3	5	39	71	1	0.005	2	Only 2 pieces of similar float located within eyesight of the sample sight, other rocks are all granodiorite or diorite. Sample contains granodiorite angular frags in a silicified mud ? matrix. Epidote and py in frags only.
KZ05R0116	FLOAT	ANewton	03-Jul-05	631396	6477378	SI	Moderate	RE	CY	Weak	RM	PY	0.25	DS	FG					PBA	0.001	0.3	14	18	66	3	0.005	1	Approx 2% similar float in area. Fragments seem to be granitic in origin but alt and oxidation make it hard to tell. Breccia textures well defined on weathered face [matrix weathers recessively], not as easy to identify in fresh face.
KZ05R0117	FLOAT	ANewton	03-Jul-05	631401	6476811	SI	Weak	EA	CY	Moderate	SP	PY	1.5	DS	FG	SP	0.5	DS	MG	GRD	0.01	0.2	10	43	35	1	0.005	1	90% of float in area appears to be similar gossanous granodiorite, and approx 10% have dark grey sub metallic veins in them, as does the sample. Vein may be enargite, but hard to tell for sure. Small spots in sample mod clay altered [feldspars?].
KZ05R0118	GRAB	ANewton	03-Jul-05	631355	6476555	SI	Moderate	EA	CL	Detectable	SP	PY	0.1	DS	FG					GR	0.005	0.3	6	31	162	2	0.005	1	Sample appears to be a silicified granite with moderate gossanous oxidation. Small green spots/stringers through sample may be chlorite.
KZ05R0119	FLOAT	ANewton	03-Jul-05	631267	6476448	CL	Weak	EA	EP	Weak	EN	PY	0.5	AM	FG	OT	0.25	CT	FG	IA	0.001	0.1	1	164	98	3	0.005	2	Sample is likely sub-crop and is probably an andesite dike with vesicles? Vesicles commonly have py in them which is surrounded by epidote and sometimes a dark sub metallic mineral [enargite?]. Rock is weakly chlorite altered.
KZ05R0121	GRAB	ANewton	03-Jul-05	631280	6476417	SI	Moderate	EA	CY	Weak	SP	PY	0.1	DS	FG					GR	0.003	0.5	24	19	10	3	0.005	1	Outcrop displays moderate to strong surface oxidation. Sample is quite coarse grained, likely due to silica alteration. Fresh surface is buff to light yellow.
KZ05R0122	FLOAT	ANewton	03-Jul-05	631288	6476370	SI	Strong	EA	EP	Moderate	SP									G	0.013	1.3	319	180	53	1	0.02	6	Sample is likely subcrop as an area 5 by 15m is composed of 90% similar rock in light grey soil. Sample is white with spots [20%] of epidote. Minor void space in rock can have light yellow clays in it.
KZ05R0123	GRAB	ANewton	03-Jul-05	631410	6476409	SI	Weak	EA	CY	Weak	EA									GA	0.001	0.3	3	2	16	7	0.005	1	Taken from aplite dike that is approx 5m wide. Displays some alt zonation textures. Sample is buff to light yellow in colour. One time diss cubic pyrite grains have been completely weathered out leaving only casts.
KZ05R0124	FLOAT	ANewton	03-Jul-05	631433	6476452	SI	Moderate	EA	CY	Weak	SP	PY	0.1	DS	FG					UNKNOWN	0.0005	0.1	29	17	26	6	0.005	1	Approx 0.5% similar float in immediate area where this one collected. Sample is an unusually bright white colour and appears to be siliceous with many little [0.5-2mm] clay filled vesicles. Analogous to an Aero chocolate bar, but finer.
KZ05R0127	GRAB	ANewton	03-Jul-05	631635	6476596	SI	Weak	EA				PY	0.25	IN	FG	OT	0.1	IN	FG	GR	0.001	0.1	3	14	52	3	0.005	1	Sample appears to be weakly altered granite with minor rusty spots in void space [pyrite ?]. Rare submetallic mineral also associated with void space and pyrite.
KZ05R0128	FLOAT	ANewton	04-Jul-05	648095	6471944	EP	Weak	SP	CL	Detectable	SP	OT	1	>V	FG	PY	0.25	DS	FG	GIM	0.001	0.1	1	17	10	2	0.005	1	Float located in moraine from glacier above. Approx 1% similar float in immediate area. Pyrite as diss through entire sample with hematite as bladed/acicular like crystals associated with a dolomite vein.
KZ05R0129	FLOAT	ANewton	04-Jul-05	648051	6471866	CY	Moderate	RM												PBA	0.027	0.1	1	13	50	292	0.05	10	Only piece of float found with this appearance. Appears to be a brecciated mudstone [or possibly some organic because very soft] in a calcite matrix. Matrix has seemingly since been clay altered light yellow. Frags are black and smear when pressed.
KZ05R0130	FLOAT	ANewton	04-Jul-05	647949	6471811	CY	Weak	RM	SI	Weak	RF									FT	0.0005	0.2	14	22	4	9	0.06	4	Approx 5% similar float in area5 by 15m. Probably a felsic volcanic tuff in which some frags have been silica altered while matrix is clay altered. May be sourced from above slope or from up valley [glacier transported]. RKM thinks it's a mill breccia.
KZ05R0131	FLOAT	ANewton	04-Jul-05	647821	6472258	SI	Detectable	EA				PY	0.5	DS	FG					GA	0.001	0.2	22	19	3	100	0.16	5	Approx 80% similar float found in surrounding 10 by 10m area. Likely a dike, several dikes visible in nearby cliffs of similar colour. Py ds largely weathered out. Sample collected by GR.
KZ05R0132	FLOAT	ANewton	04-Jul-05	647576	6472637	CB	Strong	EA	SI	Moderate	SP									SCD	0.0005	0.1	1	41	4	3	0.005	1	20% similar float located in surrounding area. Sample appears to have been a breccia that has been completely dolomitized. Some qtz crystals growing in void space. Collected by GR.
KZ05R0133	FLOAT	ANewton	04-Jul-05	647552	6472826	SI	Moderate	EA				PY	0.25	SO	MG	CP	0.25	SO	MG	IA	0.021	0.1	2	43	256	14	0.03	1	Almost all float on slope was the same rock, although not all was mineralized. Spot where min is present is approx0.7cm across. Sample may have some vein brecciation, matrix filling is siliceous, black. Collected by GR.
KZ05R0134	FLOAT	ANewton	04-Jul-05	647566	6473263	SI	Weak	EA												UNKNOWN	0.002	0.1	1	36	105	51	0.36	3	Sample could be either an fg sed rock or an intrusive; hard to tell due to light brown oxidation and poor sample. Sample is light brown. Slope surrounding sample is similar rock, often oxidized brown/reddish. Minor qtz veins. Collected by GR.
KZ05R0135	FLOAT	ANewton	04-Jul-05	647959	6473128	CY	Moderate	EA				PY	2	DS	FG					UNKNOWN	0.2	4.8	1	26	3570	368	25.6	30	Approx 2-3% similar float on hillside, source unknown. Original rock completely oxidized rusty brown and contains some clay and vuggy space. Rock likely volcanic in origin but can't be sure.
KZ05R0136	FLOAT	ANewton	04-Jul-05	647742	6472147	CL	Detectable	EA				PY	0.25	>V	FG					IA	0.002	0.1	1	43	232	4	0.01	1	100% of float in area 50 by 3m is similar andesitic volcanic rock. Rocks seem slightly sheared and more than likely originate in cliffs at head of cirque [40m away]. Sample is med to dark green.
KZ05R0137	GRAB	ANewton	04-Jul-05	647893	6472422	CL	Weak	SP												IA	0.002	0.2	1	28	135	9	0.32	1	Sample is a vesicular andesite with vesicles commonly filled with chlorite. Outcrop is cut by several calcite/dolomite veins up to 6cm thick. Sample is med green in colour.
KZ05R0138	FLOAT	ANewton	04-Jul-05	647704	6472730	SI	Detectable	EA				CP	0.25	SO	FG					IA	0.009	0.5	3	24	2790	91	0.03	1	Approx 5% similar calcite veined pieces of float on slope, except only sample has spots of chalcopyrite with malachite around them. Spots are up to 1cm. Sample taken only about25m from the summit of the mountain.
KZ05R0139	GRAB	ANewton	04-Jul-05	647555	6472791	CB	Moderate	EA												IA	0.0005	0.1	1	14	20	10	0.08	1	Sample is a calcite/dolomite vein breccia, 20-25cm wide. Angular fragments of andesite show little movement for the most part. Frags may be weakly chlorite altered.
KZ05R0140	GRAB	ANewton	04-Jul-05	647454	6473060	SI	Moderate	EA												IA	0.0005	0.1	1	53	54	4	0.005	1	Medium green andesite with no distinguishing or important features.
KZ05R0141	GRAB	ANewton	04-Jul-05	647611	6473176	SI	Detectable	EA	EP	Detectable	SP									IA	0.0005	0.1	1	40	115	2	0.01	1	Sample taken from outcrop immediately above what appears to be a chlorite altered zone of andesite. Little rock in area below, mostly green soils.
KZ05R0142	FLOAT	ANewton	04-Jul-05	647829	6472262	SI	Strong	EA												SAY	0.001	0.1	2	48	70	4	0.005	1	Sample is very hard. Approx 2-5% of slope in immediate area composed of similar rock, also very siliceous.
KZ05R0152	FLOAT	ANewton	05-Jul-05	620936	6489172	SI	Strong	EA												FR	0.008	0.3	9	88	2	1	0.005	1	Approx 5% similar on moraine below gossan outcrop. Weathered surface is bleached white, fresh surface is light/med grey. Some apparent banding, may be flow textures.
KZ05R0153	FLOAT	ANewton	05-Jul-05	620900	6489115	SI	Moderate	EA												PBA	0.005	0.1	12	93	65	26	0.005	1	Approx 2% similar rock in area 10 by 10m surrounding sample. Sample appears to be a mudstone matrix breccia with mudstone and felsic volcanic fragments. Entire rock is mod silicified.
KZ05R0154	FLOAT	ANewton	05-Jul-05	620810	6489059	SI	Moderate	EA	CL	Detectable	SP	PY	0.5	>V	FG					FT	0.001	0.5	41	154	75	5	0.005	1	Approx 40% of float on slope is similar. Seems to be a felsic to intermediate tuff with poorly defined frags; colour is med grey/green. Some surfaces have small amphibole crystals growing on them. Similar rocks have crystals up to 4cm in them.

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

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration Type	Dominant Alteration Intensity	Dominant Alteration Style	Secondary Alteration Type	Secondary Alteration Intensity	Secondary Alteration Style	Mineral 1 Type	Mineral 1 %	Mineral 1 Style	Mineral 1 Size	Mineral 2 Type	Mineral 2 %	Mineral 2 Style	Mineral 2 Size	Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05R0155	GRAB	ANewton	05-Jul-05	620777	6489147	CY	Detectable	SP				PO	0.5	>V	FG					SAF	0.0005	0.2	1	201	127	29	0.03	5	Rusty brown mudstone? outcrop within 3m of a cross-cutting aplite dike. Sample is dark grey and appears to be a mudstone, but hard to tell for sure. Po veinlets cut through outcrop, perhaps accounting for rusty appearance.
KZ05R0156	GRAB	ANewton	05-Jul-05	620811	6489295	SI	Moderate	EA												GA	0.003	0.1	13	14	5	40	0.01	1	Apparent aplite buff coloured dike in shear zone. Outcrop is 25m by 50m high. Rock is strongly fractured.
KZ05R0157	FLOAT	ANewton	05-Jul-05	621058	6489367	SI	Weak	EA	CL	Detectable	SP									MB	0.0005	0.1	11	88	26	5	0.01	4	Approx 5% of float appears to be a rhyolitic tuff, rest is mostly massive andesite basalt. Could not break sample off of tuff. Basalt appears weakly chloritized as well based on colour.
KZ05R0158	GRAB	ANewton	05-Jul-05	621234	6489636	SI	Detectable	EA	CL	Detectable	EA									MB	0.0005	0.1	6	53	10	6	0.01	2	Rock is an apparently massive dark grey volcanic. May be some chlorite alteration based on slight green tinge. Small black unidentified vein cuts rock as well, non-metallic.
KZ05R0159	GRAB	ANewton	08-Jul-05	635249	6491418	SI	Weak	EA				PY	0.5	DS	MG					GIM	0.0005	0.1	3	46	11	1	0.01	4	Rock appears to be weakly silicified and similar to Thorn stock. Contains some qtz eyes and in this case, somewhat decomposed biotite books. Colour is med-dark grey w/ white spots.
KZ05R0160	GRAB	ANewton	07-Jul-05	635779	6495448															IA	0.001	0.1	1	83	104	1	0.01	4	Fresh face is med green w/ rare purple-green frags and some qtz frags to 3mm. Exposed surface weathers light brown. Rock is crumbly in parts due to fracturing.
KZ05R0161	GRAB	ANewton	07-Jul-05	636157	6495595															IA	0.002	0.1	1	82	114	1	0.01	3	Sample is med green in colour and fg. Small [<1mm] red fragments/grains in the sample, poorly defined.
KZ05R0162	GRAB	ANewton	07-Jul-05	636319	6495999															SSLF	0.001	0.1	1	75	132	1	0.03	4	Sample is a fg silty sandstone with some grains that are dark grey [mudstone?]. Rock is med grey with a hint of green; quite fissile.
KZ05R0163	GRAB	ANewton	07-Jul-05	636596	6496144															SSHF	0.0005	0.1	3	104	29	1	0.04	1	Sandstone is medium green in colour and contains rare calcite nodules to 3mm. Outcrop is strongly fractured but remains as fairly large pieces, unlike other outcrops nearby.
KZ05R0164	FLOAT	ANewton	07-Jul-05	636495	6496232	CY	Weak	RM	SI	Detectable	RF									PBA	0.001	0.1	5	69	212	5	0.03	2	Only piece of float like it found in the immediate area. Consists of detectably siliceous dark grey frags [mudstone?] in a weakly clay altered buff matrix.
KZ05R0165	GRAB	ANewton	07-Jul-05	635880	6496520	CL	Detectable	EA												SSLF	0.002	0.4	1	80	152	1	0.02	1	Outcrop is dark green on surface, med green on fresh face. Sample appears to be a fg sandstone with some lithic frags [mudstone? and qtz].
KZ05R0166	GRAB	ANewton	07-Jul-05	636035	6497077															SSYF	0.001	0.3	1	60	92	6	0.01	2	Sample is med grey in colour and may be bedded but hard to tell due to broken nature of the rock.
KZ05R0167	FLOAT	ANewton	07-Jul-05	636449	6496661	CL	Detectable	EA												SS	0.005	0.3	1	112	159	1	0.01	4	Most of float surrounding sample is similar to sample. Sample is a med green sst, fg and may be slightly chlorite altered based on colour. Sample likely originated from cliffs above and to the SW.
KZ05R0168	GRAB	ANewton	07-Jul-05	636922	6494977	SI	Detectable	EA												GI	0.0005	0.1	7	128	39	2	0.1	1	Taken from strange column like outcrop in an area of only soil and small rock fragments as float. Sample is fg and is likely a dike.
KZ05R0169	GRAB	ANewton	07-Jul-05	637190	6495412	CY	Weak	EA				PY	0.25	DS	MG					FT	0.0005	0.1	6	70	14	2	0.58	1	Small outcrop on slope 15 by 40m of similar float material. Sample is a felsic tuff w/ defined white grains [feldspar?] and rare other fragments, possibly fossil wood. Sample is light grey.
KZ05R0171	GRAB	ANewton	07-Jul-05	637935	6495512	SI	Moderate	EA	CY	Moderate	PA	PY	3	DS	MG					G	0.0005	0.1	17	44	3	1	1.9	1	Outcrop is totally weathered and it is hard to tell original rock type, although it seems to be some kind of intrusive. Color is white to rusty yellow; pyrite is largely dissolved out of the rock. Outcrop very friable and hard to get good sample from.
KZ05R0172	GRAB	ANewton	07-Jul-05	637962	6495323	CL	Weak	EA												MT	0.0005	0.1	1	103	126	2	0.19	1	Coarse grained mafic tuff, possibly w/ lithic fragments, but hard to be sure due to weathering. Matrix is dark green frags are lighter green and possibly purple-grey. Unit quite broken.
KZ05R0173	GRAB	ANewton	07-Jul-05	637544	6495180	CY	Weak	RM	SI	Detectable	RF									MTOL	0.001	0.1	1	69	83	1	0.05	1	Looks like a mafic tuff with subrounded frags between 1cm and30cm diameter. Colour of matrix is dark green/brown; frags range from tan to green to purple in colour.
KZ05R0174	GRAB	ANewton	08-Jul-05	635358	6491324	SI	Weak	EA	CL	Detectable	RM	PY	0.25	DS	MG					GIM	0.0005	0.1	9	54	18	1	0.02	1	Sample appears similar to Thorn stock. Biotite is often rotten, may be some k-spar alteration certain grains giving a pinkish appearance. Sample is med-dark green [chlorite?] with white/pink spots. Some qtz eyes.
KZ05R0177	FLOAT	ANewton	08-Jul-05	635672	6491500	SI	Weak	EA	CL	Detectable	SP	PY	0.25	DS	MG					GIM	0.0005	0.4	3	65	19	1	0.005	1	Approx 95% similar float in immediate area on slope. Sample is med-dark grey with a hint of green [chlorite?]. Biotite is often a bit rotten, but some clean books still exist. Pyrite is a little rusty.
KZ05R0178	FLOAT	ANewton	08-Jul-05	635742	6491411	CL	Moderate	EA												PBR	0.0005	0.1	1	36	113	1	0.005	2	Only two similar pieces of float visible within line of sight of sample. Sample is a teal green breccia with subrounded frags between 2-20cm diameter. Rock is vfg and may be chlorite altered, explaining the odd colour.
KZ05R0179	FLOAT	ANewton	08-Jul-05	635736	6491403	CL	Weak	EA	SI	Detectable	RF									PBA	0.002	0.1	5	67	120	5	0.03	4	Approx 1% similar float in surrounding 10 by 10m area. Sample is med-dark green with angular and often cuspate fragments to 0.8cm diameter. Frags typically a little lighter green in colour, some may be brown.
KZ05R0180	FLOAT	ANewton	08-Jul-05	635852	6491029	CY	Strong	EA												FT	0.0005	0.1	14	46	12	3	0.005	1	Sample taken from one of several soil areas below treeline in which 90% of float is similar. Sample is composed of buff frags in a grey matrix. Frags are strongly clay altered, matrix is somewhat altered.
KZ05R0181	GRAB	ANewton	08-Jul-05	635145	6490827	CL	Weak	RM	KS	Weak	RF									GIM	0.0005	0.1	15	97	11	1	0.005	1	Rock is light to med green with buff to pink feldspars. Some biotite in sample, often rotten.
KZ05R0182	GRAB	ANewton	08-Jul-05	635041	6490267															SAY	0.002	0.5	6	127	107	6	0.05	1	Laminated mudstone 1.5 m below contact with fg tan coloured intrusive. No apparent alt, but some laminae of the rocks are rusty [pyrite].
KZ05R0183	GRAB	ANewton	08-Jul-05	633979	6489028	SI	Detectable	EA												FTRX	0.001	0.1	3	90	150	1	0.06	1	Outcrop in creek is slightly rusty brown, fresh surface is light grey, composed of fg ashy material w/ rare darker frags [small lath shaped lapilli].
KZ05R0184	GRAB	ANewton	08-Jul-05	634490	6488366	SI	Moderate	EA				PY	0.25	>V	FG					FT	0.001	0.1	1	54	98	52	0.03	1	Fresh surface is light grey w/ discontinuous pyrite veinlets cutting through. Sample is fg and is a felsic crystal tuff. Weathered surface is light rusty brown. Outcrop continues down slope into a gully.
KZ05R0185	FLOAT	ANewton	09-Jul-05	634374	6484616	SI	Strong	EA												UNKNOWN	0.0005	0.1	1	20	45	9	0.01	1	Approx 5% of 10 by 10m area surrounding sample is similar rock, could be subcrop. Appears to be a red volcanic w/ no apparent textures except it is qtz veined and brecciated in parts. Sample is very hard, strongly silicified throughout. Poss cinnabar?
KZ05R0186	GRAB	ANewton	09-Jul-05	634464	6484596	CL	Moderate	RM	CY	Detectable	EA									ITAL	0.034	0.1	1	94	281	3	0.005	2	Outcrop consists of med green and brown frags between 0.2-5cm diameter in a soft med green matrix [chlorite +/- clay].
KZ05R0187	GRAB	ANewton	09-Jul-05	634533	6484533	CL	Detectable	EA												GI	0.0005	0.1	2	116	22	5	0.01	1	Taken from 3m wide med-dark grey/green dike. Sample is fg and contains some qtz eyes to 3mm diameter. Unit is resistant to weathering compared to surrounding volcanic rocks.
KZ05R0188	GRAB	ANewton	09-Jul-05	634612	6484501	SI	Weak	EA	CY	Weak	SP									IT	0.0005	0.9	1	122	31	39	0.07	1	Outcrop is proximal to a gully. Colour is dark grey/purple w/ submetallic appearance on weathered face.
KZ05R0189	GRAB	ANewton	09-Jul-05	634659	6484525	CY	Moderate	PA	SI	Detectable	PA									IT	0.002	0.3	3	129	1585	3	0.01	3	Outcrop is med green w/ yellow brown sections throughout [clay] over several metres. Unit looks fractured.
KZ05R0190	GRAB	ANewton	09-Jul-05	634725	6484486	CY	Weak	EA												ITAX	0.0005	0.1	10	77	14	1	0.03	2	Outcrop is extremely broken and friable. Colour is med green, unit is fg and is likely composed of ash.
KZ05R0191	GRAB	ANewton	09-Jul-05	634833	6484455	CY	Moderate	EA												IT	0.0005	0.1	6	102	38	3	0.23	1	Outcrop is med green in colour, quite soft, and consists of volcanic frags of same colour to5cm diameter.

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

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration Type	Dominant Alteration Intensity	Dominant Alteration Style	Secondary Alteration Type	Secondary Alteration Intensity	Secondary Alteration Style	Mineral 1 Type	Mineral 1 %	Mineral 1 Style	Mineral 1 Size	Mineral 2 Type	Mineral 2 %	Mineral 2 Style	Mineral 2 Size	Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05R0192	GRAB	ANewton	10-Jul-05	633922	6499949	SI	Weak	EA												IA	0.003	0.1	1	63	266	4	0.11	1	Sample is med-dark grey in colour and fg with minor calcite veining. Weathered outcrop is med grey in colour.
KZ05R0193	GRAB	ANewton	10-Jul-05	634318	6499572															IA	0.001	0.1	1	110	182	6	0.02	2	Sample is med-dark grey fg andesite with no apparent textures. Sample is cut by small calcite veins [2mm].
KZ05R0194	GRAB	ANewton	10-Jul-05	634640	6499350	SI	Moderate	EA												IA	0.0005	0.1	3	88	46	3	0.02	2	Outcrop sample taken at junction with main creek. Is representative of rock on the west side of the creek. Sample is dark grey and fg with minor small [1mm] qtz phenocrysts throughout.
KZ05R0195	FLOAT	ANewton	10-Jul-05	634610	6499210	SI	Weak	EA				PY	0.25	DS	FG					SAY	0.003	0.1	3	113	184	4	0.41	2	Approx 10% similar float in creek. Sample is quite hard and contains fg ds pyrite preferentially along certain bedding planes. Some laminae are contorted. Sample is med grey in colour. Rock is hopefully representative of upstream lithologies.
KZ05R0197	FLOAT	ANewton	10-Jul-05	634610	6499210	CY	Weak	RM												G	0.0005	0.1	10	112	5	1	0.03	1	Approx 5% similar float in creek. Sample is light rusty brown orange with white feldspars to 3mm still visible. Sample is hopefully representative of rocks upstream of this location.
KZ05R0198	GRAB	ANewton	10-Jul-05	634515	6499432															IA	0.0005	0.3	1	104	133	2	0.16	3	Sample is med grey/green andesite [apparently massive] taken at base of cliffs. Rare calcite veins cut outcrop, are 2mm or less thick.
KZ05R0199	FLOAT	ANewton	10-Jul-05	634550	6499400	CY	Weak	PA												FT	0.0005	0.5	1	80	107	3	9.14	7	Approx 5% similar float located small tributary creek. Sample located 50m down slope of KZ05R0198. Sample appears to be a qtz vein brecciated felsic tuff with some clay alteration and coatings giving a buff/light yellow colour in parts.
KZ05R0224	GRAB	ANewton	13-Jul-05	625764	6486875	SI	Moderate	EA	CL	Detectable	SP	PY	0.25	>V	FG	PO	0.1	>V	FG	FT	0.005	0.1	16	44	21	8	0.01	1	Sample is med grey and moderately siliceous; some dark green tuffaceous frags can still be made out. Pyrite and Pyrrhotite as discontinuous veinlets along fractures.
KZ05R0227	FLOAT	ANewton	13-Jul-05	625605	6486609	SI	Weak	RM	CL	Detectable	RF									FTDL	0.0005	0.1	5	56	18	1	0.005	1	Most float on slope appears similar to sample. Sample consists of a light grey ashy matrix w/ grey/green frags to 1cm diameter. Frags appear slightly chloritized. Unusual biotite books also present in sample.
KZ05R0228	GRAB	ANewton	13-Jul-05	625441	6486552	SI	Weak	EA				PY	1	>V	FG	PO	0.25	RE	FG	FTDL	0.0005	0.1	5	51	24	42	0.005	2	Sample consists of med grey matrix with frags to 5cm diameter of similar composition, in addition to dark grey/black frags and some lighter green ones. Po seems to have replaced some frags in the sample. Surface weathers buff.
KZ05R0229	GRAB	ANewton	13-Jul-05	625122	6486339	SI	Moderate	EA				PY	0.25	DS	FG					FTDX	0.0005	0.1	29	64	25	13	0.005	3	Outcrop is quite broken and variably covered by similar float. Weathered surface is buff to rusty brown, matrix seems to weather recessively. Sample is med-dark grey, fg w/ no features really identifiable except sm dark angular shards.
KZ05R0230	GRAB	ANewton	13-Jul-05	624969	6485909	SI	Moderate	EA				PY	0.5	DS	FG					FTDX	0.001	0.1	2	30	6	13	0.005	1	Outcrop is rusty brown and similar such rock is visible for approx 200m further west on steep faces. Clean face is med-dark grey, siliceous with no real features identifiable.
KZ05R0231	GRAB	ANewton	13-Jul-05	625363	6486056	CY	Weak	EA												FT	0.001	0.1	4	120	2	49	0.005	1	Outcrop is only about 1 by 3m and proximal to dacitic lithic tuffs and possibly a thin mudstone horizon. Weathered surface is buff, fresh face is vfg and buff to light grey. Outcrop also appears contorted due to shearing; perhaps it's a fine ash.
KZ05R0232	FLOAT	ANewton	13-Jul-05	625251	6486036	SI	Moderate	EA												PBR	0.0005	0.1	25	304	10	79	0.005	1	Approx 50% of float in 10 by 10m area is similar buff/yellow weathered rock. Clean face is med grey with no observable features despite fragments being well defined and visible on weathered surface. Some frags laminated [mudstone?].
KZ05R0233	FLOAT	ANewton	13-Jul-05	625194	6486308	SI	Strong	EA	EP	Weak	SP	PY	1	SO	MG					UNKNOWN	0.001	0.3	31	409	87	89	0.01	15	Approx 20% similar float in 5 by 5m area. Weathered surface is strongly vuggy and med green. Fresh surface is med green/buff with no visible features. Sample strongly silicified w/ some epidote crystals, vugs not as prevalent within the rock.
KZ05R0234	GRAB	ANewton	13-Jul-05	625718	6486622	CY	Moderate	SP	SI	Detectable	PA									FTDX	0.007	0.7	58	27	31	1405	0.01	4	Taken from 1m wide section of outcrop that is gossanous on surface. Fresh face is largely clay altered buff/yellow with some silicified patches. Appears to be a fg dacitic tuff [frags to 4mm].
KZ05R0235	FLOAT	ANewton	13-Jul-05	625869	6486574	SI	Weak	PA	CY	Weak	PA									UNKNOWN	0.001	0.1	1	3	0.5	7	0.01	1	Only piece of float like it on the slope. Sample is buff/light grey with an unusual semi-cuspate weathered surface. Fresh surface is same colour, mg, and may contain qtz or similar appearing frags in a minor clay matrix.
KZ05R0236	GRAB	ANewton	13-Jul-05	625891	6486290	SI	Weak	EA	CY	Detectable	RM									FTDL	0.0005	0.1	27	178	27	32	0.01	2	Sample collected in float immediately below outcrop bluff. Sample weathers buff/white, is light grey on fresh face with relatively well defined frags [buff, green, dark grey]. Minor ds pyrite through sample. Minor rusty spots on surface too.
KZ05R0237	FLOAT	ANewton	13-Jul-05	625804	6485964	SI	Weak	EA	CY	Detectable	FF	PY	0.5	DS	FG					FTDX	0.001	0.1	7	57	81	166	0.005	1	Approx 80% of talus in 50 by 50m area [outwash from bowl above] is similar to sample. Sample is rusty brown on surface, med grey fg w/ no apparent features on fresh surface. Py sometimes associated w/ small qtz veins.
KZ05R0238	GRAB	ANewton	22-Jul-05	621663	6506064	CL	Weak	EA	CL	Moderate	SP	PY	0.25	DS	MG					FT	0.002	0.1	10	81	1	5	0.02	1	Appears to be an ashy tuff [rhyolitic?], consistently chlorite altered, obscuring any possible textures. Rare lithic [?] frags are moderately chlorite altered. Sample is light green.
KZ05R0239	GRAB	ANewton	22-Jul-05	621660	6506210	CL	Detectable	RM				OT	0.5	DS	FG					FRQP	0.002	0.1	6	66	11	7	0.005	1	Taken from an apparent porphyritic unit, extent is approx 20 by 50m. Unit is light green fg w/ qtz phenocrysts and an unidentified dark grey, fg metallic-submetallic mineral [galena?] ds throughout. Surface bleached white.
KZ05R0240	GRAB	ANewton	22-Jul-05	621734	6506294	SI	Complete	RM	CY	Weak	RF	PY	0.1	DS	FG					PBA	0.003	0.2	4	20	3	27	0.05	1	Sample collected from a 1-1.5m wide qtz vein breccia. Vein orientation is 113/52. Frag lithology not identifiable, recessively weathered or variably vuggy, green in colour. Frags angular, to 10cm diameter.
KZ05R0241	GRAB	ANewton	22-Jul-05	621855	6506338	CY	Detectable	PA				PY	0.1	DS	FG					SSLM	0.002	0.1	4	12	6	157	0.02	4	Sample may be slightly clay altered in interstitial space, although for the most part it appears to be a clean sst. Rare small ds pyrite. Colour is light-med brown-grey.
KZ05R0242	GRAB	ANewton	22-Jul-05	621986	6506325	SI	Detectable	EA												SSLM	0.0005	0.1	4	17	5	11	0.01	2	Sample appears to be a mg lithic sandstone, relatively qtz-rich with no min and possibly minor silicification. Called a sed based on apparent bedding, smell, and lack of any ashy material.
KZ05R0243	GRAB	ANewton	22-Jul-05	622087	6506225															SSLM	0.002	0.1	5	9	6	46	0.03	5	Outcrop does not appear altered or mineralized. Rock is however orange-red on surface and light-med grey on fresh face. Outcrop is 5 by 5m, near valley floor.
KZ05R0244	FLOAT	ANewton	22-Jul-05	622201	6506021	SI	Weak	EA												SAY	0.002	0.1	1	104	131	3	0.02	1	Approx 5% similar float on slope; source is likely cliff face immediately above to the southeast. Sample is quite hard, fracturing irregularly. Colour is dark grey. Rare qtz veins to 2mm cut similar float.
KZ05R0246	FLOAT	ANewton	22-Jul-05	622245	6506033	CY	Weak	SP				PY	0.5	SO	FG	OT	0.25	>V	FG	SSLF	0.004	0.1	8	33	9	42	0.09	1	Approx 10% similar float on slope, likely from small, partly rusty gully above. Sample partly yellow red gossanous with med grey spots. Clean face is med grey, fg and likely composed of qtz and dark grains. Unidentified black veinlets.
KZ05R0247	FLOAT	ANewton	22-Jul-05	622334	6506076	CY	Strong	RM	SI	Weak	RF									PBR	0.019	0.3	7	10	7	72	0.05	1	Approx 3% similar float located in immediate 10 by 10m area. Sample is partly red gossanous on exterior, part buff/pink smooth clay in matrix. Sample appears to be black and white fg lithic sandstone. Odd finely laminated pink frag too.
KZ05R0248	FLOAT	ANewton	22-Jul-05	622542	6506175															SAY	0.005	0.1	14	106	42	10	0.05	1	Clean mudstone found as small float beneath steep mudstone outcrop. Float pieces small due to relatively soft nature of rock. Outcrop also partly covered by small mudstone frags.

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

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration Type	Dominant Alteration Intensity	Dominant Alteration Style	Secondary Alteration Type	Secondary Alteration Intensity	Secondary Alteration Style	Mineral 1 Type	Mineral 1 %	Mineral 1 Style	Mineral 1 Size	Mineral 2 Type	Mineral 2 %	Mineral 2 Style	Mineral 2 Size	Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05R0249	FLOAT	ANewton	22-Jul-05	622374	6506373	CY	Strong	RF	SI	Moderate	RM									FDFP	0.007	0.1	6	56	10	152	1.33	1	Approx 3% similar float in surrounding 10 by 10m area, rest seems to unaltered variety of same rock. Sample light yellow/buff, vuggy w/ silicified matrix and clay altered feldspars. Source unclear, but likely up valley.
KZ05R0252	FLOAT	ANewton	22-Jul-05	622480	6506521															SSYF	0.004	0.1	6	112	35	7	0.02	1	All float on talus slope is similar, derived from cliffs above on north side of valley. Sample fg-vfg and med green in colour.
KZ05R0253	GRAB	ANewton	22-Jul-05	622596	6506609															SRC	0.006	0.1	3	82	112	61	0.03	4	Outcrop consists of clasts of various lithologies [seds and volcanics] up to 5cm diameter in a fg med-dark sandy matrix. Moderately sorted, subrounded to rounded.
KZ05R0254	GRAB	ANewton	22-Jul-05	622467	6506717															SRC	0.011	0.1	8	86	29	16	0.02	2	Outcrop consists of heterolithic grey-green pebble-boulder conglomerates interbedded with grey/green sandstones [lesser].
KZ05R0255	GRAB	ANewton	22-Jul-05	622552	6507047	SI	Weak	EA				PY	1.5	DS	VFG					SSLM	0.02	0.1	3	60	200	19	0.01	1	Sample is med grey w/ white qtz grains easily identified. Sample located approx 40m from E.E. sample 276523.
KZ05R0256	FLOAT	ANewton	22-Jul-05	619289	6499516	SI	Moderate	EA				PY	2	SO	FG	PO	1	SO	FG	FT	0.003	0.2	24	77	37	16	0.01	1	Approx 2% similar float observed on slope. Sample is light green-grey in fresh face and grey/brown on weathered surface. Spots of py and po to 6mm diameter through sample.
KZ05R0257	FLOAT	ANewton	22-Jul-05	619289	6499529	SI	Moderate	EA												SSHF	0.004	0.1	6	48	15	9	0.01	1	Approx 1% similar float visible on slope above. Sample is med grey on weathered surface and light-dark grey alternating sand and silt laminae on fresh face.
KZ05R0258	FLOAT	ANewton	22-Jul-05	619273	6499532	SI	Moderate	EA				PY	0.5	DS	VFG					SAY	0.005	0.1	3	108	63	14	0.01	1	Approx 95% of slope composed of similar rock. Sample is dark grey on clean face, rusty brown on weathered face.
KZ05R0260	GRAB	ANewton	23-Jul-05	634368	6485624	CL	Weak	SP												FTRX	0.0005	0.1	6	71	11	3	0.03	1	Sample is light grey and brown on weathered surface, light grey w/ green spots to 4mm on fresh face [likely remnant frags]. Outcrop is quite broken over a large area, largely buried by broken off rock.
KZ05R0261	GRAB	ANewton	23-Jul-05	634439	6485580	SI	Strong	EA												SCJ	0.003	0.1	2	4	11	10	4.94	44	Outcrop 7 by 15m consists of jasperoid horizons or commonly jasper fragments in a silicified green volcanic matrix. Frags are angular and red w/ qtz bands through. Matrix is malachite-chlorite green, w/ some remnant volcanic frags visible.
KZ05R0262	GRAB	ANewton	23-Jul-05	634557	6485646	SI	Moderate	EA	CY	Weak	SP									FT	0.006	0.1	4	60	11	30	1.61	4	Outcrop is only 3 by 6m and surrounded by talus and soil. Surface colour is buff/yellow to brown, fresh surface is buff to light yellow w. some dark frags to 4mm. Hard to tell original lith due to alteration.
KZ05R0263	GRAB	ANewton	23-Jul-05	634648	6485757															IAB	0.006	0.2	8	91	156	11	0.15	1	Outcrop is exposed in several areas through largely soil and talus slope cover. Rock is fg, dark grey in colour w/ no apparent textures/identifying features.
KZ05R0264	GRAB	ANewton	23-Jul-05	634628	6485908	SI	Detectable	EA				PY	0.5	>V	VFG					IA	0.014	0.3	3	138	45	19	0.19	3	Sample is med-dark green, fg, and lacks any distinguishing features. Minor pyrite veins cut this sample as well as surrounding outcrops, give rusty brown appearance on some surfaces.
KZ05R0265	GRAB	ANewton	23-Jul-05	634657	6486156	SI	Detectable	EA				PY	0.1	DS	FG					IAB	0.005	0.2	5	313	147	15	0.14	1	Outcrop appears weakly hematite stained, fresh rock face is dark grey, fg w/ rare ds pyrite and pyrite micro veins.
KZ05R0266	GRAB	ANewton	23-Jul-05	634685	6486340	CL	Detectable	EA	CY	Detectable	FF	PY	0.25	<V	FG					IA	0.004	0.1	2	100	126	25	1.2	17	Outcrop is light-med brown on weathered face, light-med green on fresh face. Minor, discontinuous py veins cut outcrop/sample.
KZ05R0267	GRAB	ANewton	23-Jul-05	635602	6486653	CY	Weak	SP												MB	0.003	0.1	4	79	178	31	0.14	1	Surface and fresh face of sample are purple-brown. Sample is fg w/ rare small yellow clay altered spots to 3mm diameter [frags?]. Also minor qtz veins cut sample to 2mm.
KZ05R0268	FLOAT	ANewton	23-Jul-05	635437	6486494	CY	Weak	EA	CL	Detectable	SP	PY	0.5	DS	FG					FTDX	0.001	0.1	12	60	9	28	0.04	4	Sample is subcrop, taken from top of ridge w2here 90% of rocks are similar. Sample is purple/grey w/ small green flecks [chlorite altered frags to 1mm]. Ds pyrite is rusty even on fresh face.
KZ05R0269	GRAB	ANewton	23-Jul-05	635853	6486839	CY	Weak	RF				OT	10	SW	FG					PBA	0.002	0.3	2	39	193	10	1.43	114	Outcrop is purple brown due to hematite staining. Fresh face contains angular felsic [?] clay altered frags in a hematite-rich matrix. Some vuggy fe-oxide through sample as well. Outcrop approx 5 by 10m, resistant.
KZ05R0270	GRAB	ANewton	23-Jul-05	636094	6486743	CL	Detectable	EA				PY	1	DS	FG					FTRX	0.001	0.1	7	59	12	1	0.02	1	Outcrop is med grey on weathered face, light grey w/ buff frags on clean face. Outcrop is approx 20 by 30m on moderately steep face. Py as fg-mg disseminations.
KZ05R0272	GRAB	ANewton	23-Jul-05	636109	6486570	CL	Detectable	EA				PY	0.5	DS	FG					FTRX	0.0005	0.1	9	73	14	5	0.01	1	Outcrop is med grey on weathered face, light grey w/ buff frags on clean face. Outcrop is approx 30 by 50m on top of knob and down steep face. Py as fg-mg disseminations. Rock consistently and finely fractured.
KZ05R0273	GRAB	ANewton	23-Jul-05	636162	6486828	CL	Detectable	RF				PY	0.1	DS	FG					FTDX	0.0005	0.1	9	66	11	2	0.01	1	Outcrop exposed over 50m wide steep face. Sample is med grey on surface, purple-grey on fresh face with small frags to 2mm that appear weakly chlorite altered.
KZ05R0274	GRAB	ANewton	23-Jul-05	636043	6487014	CY	Detectable	EA				PY	0.5	<V	FG					FT	0.005	0.1	6	80	159	32	1.22	74	Outcrop is 5 by 15m, med grey to slightly rusty brown in parts. Fresh face was hard to get, is light grey fg w/ small white flecks in it. Py associated w/ dark veinlets that cut outcrop w/ no particular orientation.
KZ05R0277	GRAB	ANewton	23-Jul-05	635917	6487221							OT	5	>V	FG					UNKNOWN	0.004	0.1	4	78	10	13	0.03	6	Outcrop is 5 by 5m, similar outcrop align in an approx N-S orientation on either side. Weathered and fresh face are both brown/red on account of hematite oxidation. Hematite seems to occur as randomly oriented veins.
KZ05R0281	GRAB	ANewton	12-Aug-05	648619	6472861	SI	Strong	EA	CB	Strong	EA									UNKNOWN	0.0005	0.1	1	25	6	3	0.02	1	Qtz- carb vein [Fe stained] approx 1.5-2m wide cutting through apparently massive med green andesites. Vein is partly recessively weathered, rusty orange in colour. No observed min.
KZ05R0282	GRAB	ANewton	12-Aug-05	648567	6472478	CL	Detectable	EA				OT	0.5	>V	FG					IA	0.0005	0.1	1	44	26	1	0.02	1	Sample is med green massive andesite collected 5m below a 2m wide qtz-carb vein. Sample has approx 5% irregular carb veins w/ an associated brown-red submetallic [not sph].
KZ05R0283	FLOAT	ANewton	12-Aug-05	648484	6471931	CB	Moderate	FL				PY	1.5	>V	MG					PBA	0.002	0.1	1	27	24	70	0.21	7	Approx 3% similar float in creek gully. Sample is carb flooded breccia w/ angular and typically elongate mudstone frags. Small pyrite veins are offset through carb matrix. Possibly some other dark submetallic min in matrix as well.
KZ05R0284	FLOAT	ANewton	12-Aug-05	648701	6472434	CY	Moderate	EA												GA	0.0005	0.2	16	10	1	6	0.07	1	Only a couple similar pieces of float located in creek. Sample is buff coloured, fg, w/ abundant weathering out of some unknown crystals. Clear qtz eyes visible on clean face.
KZ05R0285	FLOAT	ANewton	13-Aug-05	648285	6471855	SI	Moderate		CY	Weak	SP	PY	0.25	DS	FG					UNKNOWN	0.004	0.2	11	35	3	22	0.005	1	Only piece of float like it in a 10 by 10m area, in creek channel. Appears to be a buff-tan coloured laminated rock w/ qtz preferentially replacing most laminae. Some contain small clay void fillings, less than 0.5mm diameter.
KZ05R0286	GRAB	ANewton	13-Aug-05	648126	6471722	CB	Strong	EA												SCC	0.0005	0.1	1	69	49	118	0.06	3	Outcrop approx 1.5 by 6m long. Sample is rusty orange-brown, fg, and composed of Fe-carb. Sample appears bedded.
KZ05R0287	FLOAT	ANewton	13-Aug-05	648126	6471715															SAY	0.003	0.3	3	43	48	196	0.08	24	Approx 10% of float on slope is similar. Mudstone is dark grey/black and appears to be weakly metamorphosed [or from shear zone] based on greasy feel and surface sheen. Some float contains Fe-carb veins.
KZ05R0288	FLOAT	ANewton	13-Aug-05	647986	6471463	CY	Moderate	EA				PY	0.25	DS	MG					GA	0.006	0.1	11	9	2	175	0.01	3	Approx 10% of float is similar, likely originates from near horizontal buff layer [3-4mthick] on above slope. Sample is buff w/ recessively weathered voids to 3mm, and clear qtz eyes to 3mm. Rusty spots as well, pyrite?

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

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration Type	Dominant Alteration Intensity	Dominant Alteration Style	Secondary Alteration Type	Secondary Alteration Intensity	Secondary Alteration Style	Mineral 1 Type	Mineral 1 %	Mineral 1 Style	Mineral 1 Size	Mineral 2 Type	Mineral 2 %	Mineral 2 Style	Mineral 2 Size	Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05R0289	FLOAT	ANewton	13-Aug-05	647794	6471075	CL	Detectable	EA				CP	0.5	SO	CG					IA	0.002	0.1	1	19	230	6	0.01	2	Sample is likely close to source as boulder sized and angular. Sample is med green fg andesite [massive] w/ a qtz-carb vein on one side [6mm] containing spots of chalco and malachite staining. Outcrop is similar andesite, no veining.
KZ05R0290	GRAB	ANewton	13-Aug-05	647481	6470836	CB	Strong	EA												SCC	0.006	0.1	1	22	4	458	0.02	8	Outcrop area only 0.75 by 2m between massive andesites. Sample is buff to rusty orange, fg, and contains 0.25% black veinlets less than 1mm. These have not been encountered in previous Fe-carb sample of the area.
KZ05R0291	GRAB	ANewton	13-Aug-05	647444	6470871	CY	Weak	EA				PY	0.5	DS	MG					GA	0.005	0.1	16	12	2	51	0.005	2	Outcrop is approx 40-50m thick, surrounded by massive, variably veined andesite. Sample is buff coloured fg-vfg w/ recessively weathered voids [to 3mm] and clear qtz eyes. Ds pyrite is rusty, partly weathered out.
KZ05R0292	FLOAT	ANewton	13-Aug-05	647343	6470859	SI	Weak	FL	CB	Weak	FL									PBA	0.016	0.4	10	36	11	174	0.02	6	Approx 1% similar cobble sized float on slope area 10 by 10m. Sample consists of angular black mudstone frags in a carbonate w/ minor qtz matrix. Appears unmineralized. Source not determined. Sample mod rounded.
KZ05R0293	FLOAT	ANewton	18-Aug-05	649250	6473925	CB	Weak	FF				CP	0.5	SO	FG					PBA	0.279	87	2	249	34400	421	0.8	3	Approx 2% similar float in creek gully nearby. Sample is med rusty brown, appears brecciated. Host rock likely volcanic but unsure due to gossanous nature of rock. Cpy has malachite staining on weathered surface.
KZ05R0294	FLOAT	ANewton	14-Aug-05	648058	6474375	CB	Strong	EA	CL	Weak	PA	CP	0.5	SO	MG	OT	5	>V	FG	SCC	0.013	0.1	1	8	259	6	0.01	1	Approx 5% similar float in small gully, mostly boulder sized. Sample is light to med brown Fe-carb rock, likely w/ some dolomite replacement. Calcite veins to 5cm pervade sample and contain cpy and abundant hematite.
KZ05R0296	FLOAT	ANewton	14-Aug-05	647875	6474861	CL	Weak	SP				CP	0.5	SO	MG	PY	0.5	SO	MG	ITAA	0.003	0.2	2	39	347	3	0.01	1	Approx 5% similar float in creek gully. Sample is med green fg andesite tuff. Calcite vein through sample contains py and cpy. Other rocks in gully could be called andesite lapilli tuff as frags to 5cm easily visible.
KZ05R0297	FLOAT	ANewton	14-Aug-05	647984	6475531	CL	Weak	PA				OT	5	SO	FG					IA	0.001	0.1	4	42	35	4	0.01	1	Approx 1% similar float in small gully. Sample is a weakly sheared, chloritized andesite w/ a calcite vein cutting through [3cm thick]. Hematite present within calcite vein.
KZ05R0298	FLOAT	ANewton	14-Aug-05	647756	6476535							CP	0.25	>V	FG	PY	0.25	SO	MG	IAOP	0.002	0.4	1	49	103	3	0.02	2	Approx 20% of float on fan is similar med green porphyritic rock. Some [including sample] is qtz veined [to 5cm] and contains pyrite and chalcopyrite creating malachite staining. Minor k-feldspar in qtz veins.
KZ05R0299	GRAB	ANewton	15-Aug-05	640561	6499266	CY	Detectable	EA												GRD	0.0005	0.1	10	45	9	3	0.54	3	Sample is tan-rusty orange on clean face w/ pheno's still somewhat visible. Outcrop is part of 20m long weakly gossanous zone. Pheno's typically altered rusty orange.
KZ05R0302	FLOAT	ANewton	15-Aug-05	640303	6499115							PY	1.5	DS	FG					G	0.002	0.3	5	70	26	3	0.005	1	Only piece of float like it in 10 by 10m area, located due to rusty and recessively weathered surface. Sample is approx 80% qtz and 20% green mica with ds pyrite throughout.
KZ05R0303	GRAB	ANewton	16-Aug-05	638759	6499044	EP	Weak	SP												GSM	0.0005	0.1	5	73	17	1	0.05	1	Sample is olive green fg w/ white qtz phenocrysts and rare biotite. Small spots in sample appear to be epidote altered, with possible chlorite alt as well. Weathered face is med grey.
KZ05R0304	GRAB	ANewton	16-Aug-05	638750	6498697	CY	Weak	RM												SSLM	0.0005	0.1	2	17	7	8	0.71	1	Outcrop is light grey, fresh face is buff to tan. Sample appears to br a qtz dominated lithic sandstone w/ rare dark frags and some biotite. Matrix appears weakly clay altered. Some void space is rusty orange in colour.
KZ05R0305	FLOAT	ANewton	16-Aug-05	638781	6498592	CY	Moderate	FF	CY	Detectable	RM									SRCU	0.002	0.5	3	73	115	8	0.36	1	Sample collected immediately below cliff outcrops, entire slope is similar rock. Sample is med-dark green andesitic clasts 0.2-1.5cm diameter, sub-rounded, in a weakly clay altered similar green matrix. Rare angular clasts to 2.5cm.
KZ05R0306	GRAB	ANewton	16-Aug-05	639101	6497977	CL	Detectable	EA												SRCU	0.002	0.1	2	81	115	4	0.08	1	Sample is med-dark green andesitic derived conglomerate. Frags are between 0.2-1cm diameter and range between med and dark green. Matrix is green w/ minor qtz.
KZ05R0307	FLOAT	ANewton	16-Aug-05	639299	6497446	CY	Strong	EA												UNKNOWN	0.004	0.1	5	85	185	50	0.02	1	Sample taken from within small gossanous soil slope 15 by 6m. While digging through soil small pieces of gossanous rock recovered. Sample dirty yellow to rusty red brown, soft. Rock was likely an intrusive based on possible phenocrysts.
KZ05R0308	GRAB	ANewton	16-Aug-05	639377	6497358	CL	Weak	EA												SRCU	0.004	0.1	2	95	161	12	0.02	1	Sample is dark green sub-rounded conglomerate [andesite derived?] in similar coloured fg matrix. Clasts typically 0.2-1cm diameter w/ rare ones to 3cm and possibly composed of mudstone.
KZ05R0309	FLOAT	ANewton	16-Aug-05	639467	6497270	CY	Weak	RF				PY	0.1	DS	FG					GSM	0.0005	0.1	1	55	17	2	0.01	1	Sample collected from talus slope immediately below cliffs of same rock. Sample is pink/tan with weakly clay altered phenocrysts, biotite and minor rusty, recessively weathered spots. All rocks on slope are similar.
KZ05R0310	GRAB	ANewton	16-Aug-05	639846	6497728	CY	Moderate	RM												SSAF	0.002	0.1	6	8	4	136	5.35	1	Sample taken from 30cm wide zone of more intensely altered fg qtz-rich sst. Sample is white to buff in colour w/ dark non-metallic veinlets cutting them [halos also about veins]. Weathered surface is light yellow to orange.
KZ05R0311	GRAB	ANewton	16-Aug-05	640004	6498108	CY	Detectable	RM												SRCW	0.003	0.1	3	96	171	3	0.04	2	Sample is composed of sub-angular med and dark green clasts in a light green to buff matrix. Clasts may or may not all be andesitic in origin. Matrix is likely calcite with a little bit of clay influence.
KZ05R0312	GRAB	ANewton	16-Aug-05	639637	6498303							PY	0.25	SO	FG					SRCW	0.003	0.1	2	82	134	17	0.07	1	Sample is composed of sub-angular med and dark green clasts in a calcite. Clasts may or may not all be andesitic in origin. Small spots of pyrite through sample and always in matrix. Clasts are 0.2-1cm diameter.
KZ05R0313	GRAB	ANewton	16-Aug-05	639450	6498651	CY	Weak	RM												SSAF	0.004	0.1	3	32	6	8	0.89	1	Outcrop is approx 8 by 20m and runs parallel to valley. Sample is buff to white in colour, composed chiefly of fg qtz grains. V small rusty spots present through matrix. Qtz veins 1mm wide also cut outcrop. Unit contains plant fragments.
KZ05R0314	FLOAT	ANewton	16-Aug-05	639700	6498883	CY	Strong	FF												GIM	0.0005	0.1	3	51	12	1	0.05	1	Sample taken from slope immediately below cliff of same type. Sample consists of a grey-green matrix w/biotite and feldspar-qtz phenocrysts. Strong white clay surface coating occurs on few pieces, can be seen on cliff face above.
KZ05R0315	GRAB	ANewton	17-Aug-05	639345	6499803	CY	Moderate	EA												GID	0.001	0.1	4	54	11	3	0.01	1	Outcrop is tan to buff coloured, very broken. Sample is buff to tan in colour w/ many small rusty spots throughout. Appears to be composed of qtz, feldspar, biotite with minor qtz veining. Potential fault zone.
KZ05R0316	GRAB	ANewton	17-Aug-05	639329	6500073	CY	Weak	EA												UNKNOWN	0.0005	0.1	8	45	5	6	0.28	1	Outcrop is resistant, light-med grey in colour. Fresh sample face is fg, white w/ no apparent textures. Outcrop may be an aplite dike or a more strongly altered rock than indicated. Small patches have a dirty yellow surface coating.
KZ05R0317	GRAB	ANewton	17-Aug-05	639128	6500377	CY	Detectable	EA												GA	0.002	0.1	9	32	1	1	0.86	1	Large outcrop area easily visible due to white bleached appearance of weathered rock. Sample is buff to white in colour, fg, w/ small clear qtz phenocrysts. Some pheno's have been recessively weathered out. Unit quite broken.
KZ05R0318	GRAB	ANewton	17-Aug-05	638949	6500441	KL	Strong	RE												FT	0.001	0.1	21	3	1	77	3.97	1	Outcrop seems to align well w/ trend of aplite dike outcrop from previous sample. Sample is white to buff, fg, composed of angular to sub-rounded volcanic fragments in matrix that varies from buff to med-dark grey.

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

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration Type	Dominant Alteration Intensity	Dominant Alteration Style	Secondary Alteration Type	Secondary Alteration Intensity	Secondary Alteration Style	Mineral 1 Type	Mineral 1 %	Mineral 1 Style	Mineral 1 Size	Mineral 2 Type	Mineral 2 %	Mineral 2 Style	Mineral 2 Size	Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05R0319	GRAB	ANewton	17-Aug-05	638892	6500588	SI	Weak	EA	CY	Weak	PA									GRD	0.0005	0.1	10	69	3	1	0.06	1	Sample is med brown on weathered face, pink-brown on clean face. Rock is vfg and consists of clear qtz phenocrysts and biotite in a pink-brown matrix. Small voids through rock are clay altered rusty orange-brown.
KZ05R0321	FLOAT	ANewton	17-Aug-05	639045	6501024	SI	Weak	RM	CY	Weak	RF									UNKNOWN	0.0005	0.1	7	90	11	36	0.27	1	All float in surrounding area appears to the same. Rock is tan to brown on clean face and may be a volcanic ash, but hard to tell due to alteration of majority of rock by qtz. Small rusty voids through rock. Some frags clay altered white.
KZ05R0322	FLOAT	ANewton	17-Aug-05	638903	6501139	CY	Moderate	EA				PY	2	DS	FG					GRD	0.001	0.1	23	55	14	1780	4.46	4	Approx 1% of float on small slope below outcrop is similar rusty yellow-brown colour. Sample is dirty yellow to buff in colour w/ a qtz vein cutting [0.8cm thick]. Ds pyrite occurs within vein, is also where rustiest surface is.
KZ05R0323	FLOAT	ANewton	17-Aug-05	638872	6501136	CY	Strong	EA				PY	0.5	DS	FG	OT	3	>V	VFG	GRD	0.007	0.1	23	180	10	3200	6.35	3	Approx 3% of float on small slope below outcrop is similar rusty yellow-brown colour. Sample is dirty yellow to buff in colour w/ a dark grey vfg submetallic vein cutting [1cm thick]. Ds pyrite occurs within vein, is also where rustiest surface is.
KZ05R0324	FLOAT	ANewton	17-Aug-05	638464	6501170	CY	Weak	RF	SI	Weak	RM									PBA	0.001	0.1	11	4	2	307	1.47	1	Sample obtained from pile below small cave of similar rock [3 by 3m]. Sample consists of poorly defined buff frags in a siliceous grey matrix. Original rock may be aplite based on vfg nature and close proximity to an aplite dike.
KZ05R0327	GRAB	ANewton	17-Aug-05	638450	6501190	CY	Weak	EA				PY	0.25	DS	FG					GRD	0.038	0.2	44	10	25	11	0.18	1	Sample taken from 6 by 20m long outcrop in creek, yellow brown in colour. Sample is buff on clean face with remnant pheno's appearing slightly darker. Rare remnant biotite also present. Py as fg ds and lesser veinlets <1mm.
KZ05R0328	FLOAT	ANewton	17-Aug-05	638014	6500895	SI	Weak	RM	CY	Weak	RF									G	0.001	0.5	54	168	41	112	0.09	1	All float on small slope [10 by 10m] is same as sample. Sample is buff-rusty orange, fg, w/ few original textures visible. Matrix is largely obscured by qtz and clay, phenocrysts often rusty orange clay altered. Some qtz phenocrysts still visible.
KZ05R0329	FLOAT	ANewton	17-Aug-05	638270	6500644	SI	Weak	RM	CY	Weak	RE									G	0.001	0.1	8	15	13	252	1.3	1	All float on talus slope is similar. Sample is pink-buff on clean face w/ few features visible. Matrix is mostly silicified w/ lesser clay spots. Some phenocrysts are recessively weathered leaving small voids. Qtz phenos to 3mm still visible.
KZ05R0330	GRAB	ANewton	17-Aug-05	638570	6500408	CY	Weak	RM	CY	Moderate	RF									FT	0.001	0.1	7	68	21	22	0.07	1	Sample is buff to light yellow and fg. Matrix is apparently weakly clay altered, while most crystals or fragments are mostly or completely rusty orange clay altered.
KZ05R0331	GRAB	ANewton	17-Aug-05	638935	6499963	CY	Detectable	RF												FT	0.002	0.1	18	13	19	26	0.05	1	Sample is med grey consisting of feldspar and qtz frags [angular to 4mm diameter] in an apparently unaltered fg grey matrix. Some frags are clay altered and occasionally are unidentifiable. Bedding of unit is 250/29.
KZ05R1002	GRAB	MCianci	14-Jun-05	607213	6509319	SI	Moderate													G	0.0005	0.1	6	68	3	1	0.01	1	
KZ05R1003	GRAB	MCianci	14-Jun-05	607155	6509512	CY	Moderate													GR	0.0005	0.1	17	16	3	1	0.01	1	Took 4 samples across structure approx 5 m. Mix of float & outcrop.
KZ05R1004	GRAB	MCianci	14-Jun-05	607350	6509647	SI	Moderate													S	0.0005	0.2	15	48	120	8	0.01	3	
KZ05R1005	GRAB	MCianci	15-Jun-05	614454	6509267	CB	Weak	PA												SRC	0.002	0.1	7	105	44	11	0.05	1	
KZ05R1006	GRAB	MCianci	15-Jun-05	614660	6509594	SI	Weak	EA												SAS	0.008	0.1	15	93	36	13	0.03	1	
KZ05R1007	GRAB	MCianci	15-Jun-05	621305	6507665	KS	Weak	SP												GIFP	0.0005	0.2	12	112	30	56	0.01	2	
KZ05R1008	GRAB	MCianci	15-Jun-05	621429	6507652							PY		EU						GI	0.0005	0.1	3	76	22	2	0.01	1	
KZ05R1009	GRAB	MCianci	15-Jun-05	621737	6507561	SI	Moderate	FF												GI	0.001	0.3	4	43	40	20	0.03	1	Quartz veining. Cherty alteration. Contact of dyke and conglomerate.
KZ05R1010	GRAB	MCianci	15-Jun-05	622109	6507550		Weak	EA												SS	0.011	0.1	6	57	32	5	0.01	3	
KZ05R1011	GRAB	MCianci	18-Jun-05	621336	6504425	CY	Moderate	EA												GRD	0.001	0.1	15	21	21	1	0.06	1	Clay alt Thorn stock.
KZ05R1012	GRAB	MCianci	18-Jun-05	621337	6504657							EN		>V						GR	0.0005	0.1	5	19	9	1	0.03	1	Finer grained intrusive. Dark sulphide. 20m diameter rounded outcrop.
KZ05R1013	FLOAT	MCianci	18-Jun-05	621391	6504731															UNKNOWN	0.001	0.4	7	17	17	80	0.005	2	
KZ05R1014	FLOAT	MCianci	18-Jun-05	621391	6504731															G	0.0005	0.1	2	14	12	10	0.02	1	Fine
KZ05R1015	FLOAT	MCianci	18-Jun-05	621703	6505097	CY	Weak	EA												G	0.0005	0.1	1	19	9	2	0.04	1	Float off 0f overlying ridge to the north.
KZ05R1016	FLOAT	MCianci	18-Jun-05	621677	6504914							PY		EU						GID	0.046	1.1	5	67	173	1260	0.02	12	
KZ05R1017	GRAB	MCianci	18-Jun-05	621622	6504449															GRD	0.0005	0.3	3	15	11	9	0.01	1	Sulphide sheen.
KZ05R1018	GRAB	MCianci	18-Jun-05	621618	6504446	CY	Moderate	EA				EN		<V						GA	0.008	0.1	23	32	6	22	0.04	1	Location near sample KZ05R1017.
KZ05R1019	FLOAT	MCianci	18-Jun-05	621433	6503181	SI	Weak	EA				PY		EU						GRD	0.002	0.1	6	31	4	1	0.005	1	
KZ05R1020	FLOAT	MCianci	18-Jun-05	621231	6502995	SI	Moderate	EA												G	0.0005	0.4	92	6	7	1	0.01	1	
KZ05R1022	GRAB	MCianci	19-Jun-05	611606	6506567	CY	Detectable	SP												FTRB	0.0005	0.2	33	81	14	17	0.02	1	
KZ05R1023	GRAB	MCianci	19-Jun-05	611392	6507000	SI	Moderate	EA	CY	Weak	PA									F	0.033	0.2	21	74	35	9	0.01	4	
KZ05R1024	FLOAT	MCianci	19-Jun-05	611412	6507105	CY	Strong	EA												UNKNOWN	0.0005	0.2	3	14	6	3	0.005	1	
KZ05R1027	GRAB	MCianci	19-Jun-05	612117	6507673	SI	Detectable	EA												S	0.001	0.1	7	59	90	1	0.01	2	
KZ05R1028	GRAB	MCianci	19-Jun-05	611964	6507807	CY	Detectable	PA												S	0.001	0.1	5	81	60	1	0.01	2	
KZ05R1029	FLOAT	MCianci	19-Jun-05	611908	6507993	CY	Weak	PA												S	0.0005	0.2	22	231	4	1	0.14	1	Possible dark sulphide.
KZ05R1030	GRAB	MCianci	19-Jun-05	612012	6507999	CY	Moderate	EA	SI	Detectable	EA									UNKNOWN	0.0005	0.1	18	9	2	1	0.03	1	Zone is 5m wide.
KZ05R1031	FLOAT	MCianci	19-Jun-05	612349	6508189	CY	Weak	PA	SI	Weak	FF									UNKNOWN	0.039	1.3	500	220	44	43	5.79	4	
KZ05R1032	GRAB	MCianci	15-Jul-05	612450	6503051															FTDB	0.0005	0.1	13	111	40	6	0.02	2	Resistant outcrop. 10m wide. Appears to be brecciated. Autobreccia or welded angular pyroclastic?
KZ05R1033	GRAB	MCianci	15-Jul-05	613564	6503035															FTDB	0.0005	0.5	331	1195	21	10	0.08	1	Just west of intrusive looking Windy table suite rock sample #2. Outcrop is 12m wide and lies as a resistant ridge midway up the bowl.
KZ05R1034	GRAB	MCianci	15-Jul-05	613850	6503449	SI	Weak	EA												SS	0.0005	0.1	8	35	10	1	0.01	1	Resistant small outcrop approx 4m. Quartz veined fine grained sandstone/volcanic.
KZ05R1035	GRAB	MCianci	15-Jul-05	612702	6502374															GR	0.0005	0.1	17	66	15	9	0.03	1	
KZ05R1036	FLOAT	MCianci	20-Jun-05	612536	6502749	SI	Strong	EA												UNKNOWN	0.0005	0.3	15	9	2	5	0.01	1	Found on talus slope. <1%.
KZ05R1042	GRAB	MCianci	22-Jun-05	608721	6512493															FTRB	0.003	0.3	6	84	80	4	0.01	1	Took sample do to the volcanic textures and lithic brecciated fragments. Outcrop is sporadic over a 30m diameter area and has significant soil development.
KZ05R1043	GRAB	MCianci	22-Jun-05	608459	6512850															GI	0.0005	0.1	3	60	45	1	0.03	1	Took two samples of same unit. One fresh and one slightly weathered. Sample area is a steep cliff face. GPS conked out. Check location on map.
KZ05R1054	GRAB	MCianci	26-Jun-05	638418	6500971															GID	0.0005	0.1	7	87	10	2	0.03	1	Sample was taken along south side of lake along EMU traverse according to Landsat anomalies. Rusty ridge approx the length of lake.
KZ05R1055	FLOAT	MCianci	26-Jun-05	638548	6500874	CY	Weak													G	0.0005	0.2	18	59	3	35	0.12	1	Same area as 1054 but shows signs of clay alteration. Found as float along talus slope above lake.
KZ05R1056	GRAB	MCianci	26-Jun-05	638648	6500528	CY	Moderate													UNKNOWN	0.0005	0.1	5	29	2	97	0.05	1	Sample area is weathered and rusty. Lots of clay altered talus. Could be the result of weathering and not hydrothermal/epithermal.

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 Type	Dominant Alteration Intensity	Dominant Alteration Style	Secondary Alteration Type	Secondary Alteration Intensity	Secondary Alteration Style	Mineral 1 Type	Mineral 1 %	Mineral 1 Style	Mineral 1 Size	Mineral 2 Type	Mineral 2 %	Mineral 2 Style	Mineral 2 Size	Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05R1057	GRAB	MCianci	26-Jun-05	640452	6499839	SI	Weak					PY		<V						SS	0.002	0.1	4	90	18	11	0.06	1	Sample taken along ridge at top of EMU showing. Found adjacent to some banded seds.
KZ05R1058	FLOAT	MCianci	26-Jun-05	640392	6499967	CY	Weak	EA												UNKNOWN	0.0005	0.1	7	81	2	2	0.05	1	Sample taken at EMU showing.
KZ05R1059	FLOAT	MCianci	26-Jun-05	640792	6499879	CY	Detectable													UNKNOWN	0.001	0.1	4	95	20	11	0.15	4	Sample taken at bottom of EMU bowl.
KZ05R1060	FLOAT	MCianci	29-Jun-05	635253	6494990	CY	Detectable													I	0.001	0.1	3	55	190	9	0.02	1	Took sample on talus slope. Appears more altered (chlorite?) than the adjacent rock and may have clay alteration.
KZ05R1061	FLOAT	MCianci	29-Jun-05	635485	6494545	SI	Weak	PA	CY	Detectable										UNKNOWN	0.105	0.4	11	9	28	77	0.1	1	Took sample as interesting float. <<5% of slope.
KZ05R1062	FLOAT	MCianci	29-Jun-05	635377	6494323	SI	Detectable	EA	CY	Detectable	SP									G	0.005	0.1	27	61	11	5	0.04	1	Took sample as interestingly altered intrusive.
KZ05R1063	GRAB	MCianci	29-Jun-05	634851	6493769															F	0.0005	0.1	15	70	23	4	0.01	1	Took sample as it appears to be brecciated. Outcrop is 10 m across.
KZ05R1064	FLOAT	MCianci	30-Jun-05	629916	6481199	CY	Moderate	EA												UNKNOWN	0.0005	0.1	7	52	13	3	0.02	1	Sample taken on talus slope made up of boulder sized rock from immediately adjacent outcrop. Could be altered Thorn stock type intrusive as it is nearby.
KZ05R1065	FLOAT	MCianci	30-Jun-05	630022	6481247	CY	Detectable	SP												GR	0.003	0.5	2	30	367	2	0.01	1	Sample taken as float and makes up 5% of talus slope. Sample is greenish in appearance (chloritization?) and has malachite with calcite veining. Could be altered Thorn type stock.
KZ05R1066	FLOAT	MCianci	30-Jun-05	630022	6481247															GR	0.001	0.1	2	26	120	2	0.03	1	Sample taken in same location as 1065 and represents the intrusive type outcrop at the location. Similar to Thorn stock.
KZ05R1067	FLOAT	MCianci	30-Jun-05	630169	6481201	CY	Detectable	PA				GA		EU						GR	0.002	0.2	2	109	347	3	0.03	1	Rock sample is similar to 1065 but is more blue than green and has visible sulphides. Sulphides occur as euhedral crystals in veinlets.
KZ05R1068	FLOAT	MCianci	30-Jun-05	630523	6481471							PY		EU						MG	0.0005	0.1	28	132	100	10	0.02	1	Sample taken along talus ridge. Plentiful.
KZ05R1069	FLOAT	MCianci	30-Jun-05	630522	6481472	SI	Moderate	EA												MG	0.002	0.1	6	43	105	8	0.04	1	Looks like silicified form of 1068.
KZ05R1070	GRAB	MCianci	30-Jun-05	631010	6481517							PY		EU						S	0.005	0.1	1	43	145	3	0.07	1	
KZ05R1072	GRAB	MCianci	30-Jun-05	631368	6481692															GI	0.001	0.1	1	40	108	3	0.01	1	Is representative of the dominant rock type along the top of the ridgeline traverse.
KZ05R1073	GRAB	MCianci	30-Jun-05	631882	6482030	CY	Weak													S	0.0005	0.1	9	69	11	13	0.03	1	Outcrop was limited as there was 80% snow cover. 30m x 15m.
KZ05R1074	GRAB	MCianci	30-Jun-05	632344	6482233	SI	Moderate	FF	CY	Detectable										FTDL	0.007	0.1	4	39	11	12	0.08	1	Outcrop is rusty and weathered with some soil development. Ridge shaped 20m x 40m.
KZ05R1077	FLOAT	MCianci	02-Jul-05	632629	6482415	CY	Detectable	PA												G	0.008	0.2	6	25	64	19	0.14	1	Sample taken as float along a intrusive/volcanic / sandstone contact. Outcrop is weathered and there is soil development.
KZ05R1078	GRAB	MCianci	02-Jul-05	632480	6482190	CY	Detectable	PA												S	0.0005	0.2	14	54	67	13	0.09	1	Sample taken along contact with intrusive. Outcrop is 3 x 3m with soil development.
KZ05R1079	GRAB	MCianci	02-Jul-05	632269	6481953															IA	0.0005	0.1	14	54	70	14	0.1	1	Sample has strong green color with white veining. Location is near active creek.
KZ05R1080	GRAB	MCianci	02-Jul-05	632609	6482871															IA	0.071	1.3	13	35	57	34	0.05	2	Sample is of volcanic with purple clasts within. Quartz veining.
KZ05R1081	GRAB	MCianci	02-Jul-05	632838	6483093															FTRL	0.001	0.1	8	43	16	3	0.01	1	Sample was taken on rusty weathered slope where it was the only outcrop.
KZ05R1087	GRAB	MCianci	02-Jul-05	634475	6483452	CY	Weak	EA												IA	0.0005	0.1	15	32	2	12	0.04	1	
KZ05R1088	GRAB	MCianci	02-Jul-05	634716	6483570															S	0.001	0.1	7	38	46	3	0.01	1	
KZ05R1089	GRAB	MCianci	04-Jul-05	647356	6474706															GID	0.006	0.1	4	36	87	19	0.01	1	Took sample at top of ridge. Intermediate intrusive or volcanic w/ large biotite/hornblende
KZ05R1090	FLOAT	MCianci	04-Jul-05	647292	6474576	SI	Detectable	EA				CP		NO						IA	0.004	0.1	6	22	21	15	0.03	1	Sample was taken as float on talus slope but rock type makes up 20% of hill. Weathered sulphides in qtz rich veinlets.
KZ05R1091	GRAB	MCianci	04-Jul-05	647346	6474202															M	0.004	0.2	12	41	158	4	0.06	2	Sample taken from ridgeline of consistent rock type. Qtz veining.
KZ05R1092	FLOAT	MCianci	04-Jul-05	647440	6473926							PY		NO						UNKNOWN	0.015	0.1	6	23	67	154	0.18	7	Took sample of sulphide rich qtz vein. Rusty talus slope.
KZ05R1093	GRAB	MCianci	04-Jul-05	647440	6473926	SI	Moderate	EA												I	0.006	0.1	1	15	86	46	0.49	20	Tried to take sample of adjacent wall/host rock from sample 1092.
KZ05R1094	GRAB	MCianci	04-Jul-05	647421	6473577	SI	Detectable	EA												FD	0.0005	0.1	7	36	61	24	0.01	1	Fine grained volcanic along ridge traverse. Quite prominent.
KZ05R1095	GRAB	MCianci	04-Jul-05	647636	6473206															IA	0.0005	0.1	8	47	106	6	0.01	1	Took sample and duplicate at base of large horn along traverse. Dark green volcanics.
KZ05R1097	FLOAT	MCianci	04-Jul-05	647827	6473128															ITAB	0.0005	0.2	7	44	84	15	0.02	2	Sample taken on talus slope. Appears brecciated. Breccia makes up 5% of slope.
KZ05R1098	GRAB	MCianci	04-Jul-05	648234	6473406	CY	Detectable	PA												F	0.0005	0.2	8	25	264	26	0.005	1	Sample taken along creek drainage . Fine grained grey volcanic/sed ?
KZ05R1099	GRAB	MCianci	04-Jul-05	648499	6473625															F	0.0005	0.1	7	31	134	10	0.02	1	
KZ05R1107	FLOAT	MCianci	05-Jul-05	623270	6489307															GR	0.0005	0.1	14	30	8	3	0.005	1	Took a sample of fresh and weathered intrusive. Float is from adjacent cliffs.
KZ05R1108	GRAB	MCianci	05-Jul-05	623631	6489521	CY	Detectable	SP												GR	0.0005	0.2	12	29	30	2	0.02	1	Took sample of granite along resistant ridgeline.
KZ05R1109	FLOAT	MCianci	05-Jul-05	623403	6490165	CY	Detectable	SP												GR	0.0005	0.3	16	34	9	9	0.03	2	Granite sample on moraine. Weathered and rusty.
KZ05R1110	GRAB	MCianci	05-Jul-05	623609	6490149															GR	0.0005	0.1	16	32	17	1	0.005	2	
KZ05R1111	FLOAT	MCianci	06-Jul-05	630004	6481074															UNKNOWN	0.011	0.1	25	66	17	4	0.29	3	Greg's Tun-1 sample
KZ05R1112	GRAB	MCianci	06-Jul-05	630263	6480943															IA	0.0005	0.1	3	29	5	1	0.01	1	Greg's Tun-1 sample
KZ05R1113	FLOAT	MCianci	06-Jul-05	630385	6480939	CY	Weak	PA												UNKNOWN	0.0005	0.1	6	4	3	1	0.01	1	Greg's Tun-1 sample
KZ05R1114	GRAB	MCianci	06-Jul-05	630454	6480982															F	0.0005	0.1	14	21	1	1	0.005	1	Greg's Tun-1 sample
KZ05R1115	GRAB	MCianci	06-Jul-05	632357	6482149	SI	Detectable	PA												UNKNOWN	0.009	0.2	3	14	9	29	0.28	1	Greg's Tun-1 sample.
KZ05R1116	FLOAT	MCianci	06-Jul-05	632546	6482397															FTRT	0.005	0.1	13	21	23	39	0.5	7	Greg's Tun-1 sample.
KZ05R1117	GRAB	MCianci	07-Jul-05	635733	6495332			.												IA	0.007	0.1	2	48	104	1	0.01	1	Greenish volcanic on sed/volcanic boundary. Calcite veining.
KZ05R1118	FLOAT	MCianci	07-Jul-05	636094	6495606	CY	Weak	PA	SI	Detectable										IA	0.0005	0.1	10	6	2	9	0.005	1	Took sample as float from volcanic unit. Visibly clay altered. Makes up 1% of slope.
KZ05R1119	GRAB	MCianci	07-Jul-05	636213	6495997															FD	0.002	0.1	1	72	117	1	0.14	2	Rock type makes up resistant ridges along traverse orientated approx 320/140.
KZ05R1120	GRAB	MCianci	07-Jul-05	636426	6496230															ITAL	0.001	0.1	1	88	158	1	0.09	1	Sample taken of LandSat anomaly. Lithic tuff or sedimentary? Field duplicate taken.
KZ05R1122	GRAB	MCianci	07-Jul-05	636191	6496236															FDFP	0.0005	0.1	4	85	36	3	0.02	2	Resistant ridge within sed unit. Dyke? Large feldspar phenocrysts.
KZ05R1123	GRAB	MCianci	07-Jul-05	636332	6497003	CY	Detectable	EA												UNKNOWN	0.0005	0.1	13	18	11	25	0.05	1	Took sample on resistant ridge bordering a cirque/creek.
KZ05R1124	FLOAT	MCianci	07-Jul-05	636568	6496622															ITAL	0.003	0.1	1	74	133	3	0.01	1	Sample taken at foot of cirque face. Represents the dominant rock type.
KZ05R1127	GRAB	MCianci	07-Jul-05	637325	6495047	CY	Detectable													F	0.0005	0.1	20	76	11	6	0.38	1	Sample taken from resistant outcrop 10m x 4m.
KZ05R1128	GRAB	MCianci	07-Jul-05	637352	6495136															IA	0.0005	0.1	1	80	78	1	0.01	1	Took sample from resistant mound of dark grey/green med grain volcanics .
KZ05R1129	GRAB	MCianci	07-Jul-05	637958	6495228	SI	Weak	EA												FD	0.001	0.3	1	96	91	4	0.01	4	Sample taken at resistant ridge 20 x 20m. Near white clay alt rocks.
KZ05R1130	GRAB	MCianci	07-Jul-05	638160	6495139	CY	Strong	EA												FTRX	0.0005	0.1	8	17	4	1	0.04	1	Resistant ridge (kill zone) strong clay alteration. 30 x 10m.
KZ05R1132	GRAB	MCianci	08-Jul-05	635040	6484519															FD	0.0005	0.1	4	55	17	1	0.005	1	Sample taken on resistant spire along ridge. There is differentiation in rock type/grain size within spire. Both types were taken.
KZ05R1133	GRAB	MCianci	08-Jul-05	634928	6484542	CY	Weak													FTRX	0.0005	0.1	5	75	9	1	0.02	1	Took sample of grey feldspar rich volcanic. Represents the dominant rock type along ridge and contains pyroclasts of similar red/purple rock. See photo. Sampled both types.
KZ05R1134	GRAB	MCianci	08-Jul-05	634779	6484610															F	0.0005	0.1	3	68	11	1	0.005	1	Sample makes up a part of a layered stratigraphy. Is higher in elevation than 1032/1033. Large biotite phenocrysts.
KZ05R1135	GRAB	MCianci	08-Jul-05	634548	6484745	CY	Weak													F	0.0005	0.1	5	86	7	1	0.02	1	Sample taken from top of ridge where there is abundant green staining on the purple volcanics. Chrysocolla? Malachite?

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

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration Type	Dominant Alteration Intensity	Dominant Alteration Style	Secondary Alteration Type	Secondary Alteration Intensity	Secondary Alteration Style	Mineral 1 Type	Mineral 1 %	Mineral 1 Style	Mineral 1 Size	Mineral 2 Type	Mineral 2 %	Mineral 2 Style	Mineral 2 Size	Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05R1136	GRAB	MCianci	08-Jul-05	634559	6485136	CY	Moderate													F	0.0005	0.1	5	52	7	1	0.02	1	Took sample of clay altered volcanics near repeater. Quite prominent alteration on top. 40%.
KZ05R1137	FLOAT	MCianci	08-Jul-05	634524	6485444	SI	Detectable													SS	0.0005	0.1	6	19	15	1	0.03	1	Sample taken of minor silicified sandstone.
KZ05R1138	FLOAT	MCianci	08-Jul-05	634545	6485493															G	0.0005	0.1	3	18	10	4	2.86	5	Two samples taken at location. One is coarse grained (intrusive) w' a green crystalline mineral. The other is a green altered weathered volcanic w' feldspar phenos. Both are located on talus.
KZ05R1139	GRAB	MCianci	08-Jul-05	635033	6485519							PY		SO						IA	0.0005	0.1	1	122	101	58	3.73	16	Sample was taken in creek bed. Massive greenish volcanics w' pyrite within veinlets. Large rusty slope along creek.
KZ05R1140	FLOAT	MCianci	08-Jul-05	635146	6485551	SI	Moderate	EA												F	0.0005	0.1	3	6	4	6	1.28	5	Sample taken off a large piece of float in creek bed. Silicified pyroclastic volcanic or lithic sandstone .
KZ05R1141	GRAB	MCianci	08-Jul-05	635218	6485537	SI	Moderate	EA												FTRB	0.002	0.1	1	72	152	2	0.03	1	Silicified breccia along creek. Outcrop is 5 x 10m.
KZ05R1142	GRAB	MCianci	08-Jul-05	635347	6485520															FTRT	0.003	0.4	1	90	185	6	0.02	62	Sample taken within 30 x 15m outcrop of red weathered volcanics. (Hematization?) Dark rusty red soil has developed.
KZ05R1143	FLOAT	MCianci	08-Jul-05	635566	6485268	CY	Weak													FTRL	0.0005	0.1	11	65	13	5	0.02	1	Sample is from base of grey volcanic repeater mtn. Pyroclastic tuff.
KZ05R1144	FLOAT	MCianci	08-Jul-05	635770	6485122															FTRX	0.0005	0.1	10	79	28	3	0.01	2	
KZ05R1145	GRAB	MCianci	09-Jul-05	636404	6487350	SI	Strong	EA												UNKNOWN	0.0005	0.1	14	126	26	1	0.06	5	Sample taken along resistant ridge above creek. Rock is siliceous w black stringers.
KZ05R1147	GRAB	MCianci	09-Jul-05	636610	6487179															S	0.0005	0.3	16	75	23	37	0.01	6	Sample displays calc/qtz veining. Taken along resistant ridge above creek.
KZ05R1148	GRAB	MCianci	09-Jul-05	636701	6487100	SI	Moderate	EA												SRB	0.0005	0.1	7	59	12	16	0.01	2	Small outcrop 3 x 5m found adjacent to laminated SS. Resistant ridge above creek.
KZ05R1149	GRAB	MCianci	09-Jul-05	636711	6486901	SI	Weak	EA												FTRL	0.0005	0.1	14	79	12	9	0.005	2	Took sample underneath knob along the creek bed.
KZ05R1152	GRAB	MCianci	09-Jul-05	636835	6486831															FR	0.0005	0.1	3	70	12	3	0.01	2	
KZ05R1153	FLOAT	MCianci	09-Jul-05	634769	6487092	SI	Moderate	EA												FR	0.011	0.8	4	102	233	25	0.59	118	Took sample as float in large creek valley.
KZ05R1154	FLOAT	MCianci	09-Jul-05	634854	6487124	SI	Strong	EA												FTRB	0.004	0.1	2	9	11	12	0.82	5	Sample is from large creek bed. Strongly silicified. Less than 5% of creek bed.
KZ05R1155	FLOAT	MCianci	09-Jul-05	634946	6487154	SI	Strong	EA												UNKNOWN	0.0005	0.1	1	16	50	14	2.27	20	Light grey silicified rock w' black stringers. Less 5% of creek bed .
KZ05R1156	FLOAT	MCianci	09-Jul-05	634655	6487078															MB	0.002	0.1	5	92	201	50	2.63	8	Dark green fine grained inter/mafic volcanic which makes up 80% of talus and fluvium along creek bed.
KZ05R1168	FLOAT	MCianci	12-Jul-05	646748	6467380	CY	Moderate	EA												FT	0.0005	0.1	23	45	3	3	0.11	1	Felsic volcanic on top of ridge. Makes up the bulk of a talus slope. Weathered and clay altered. Windy table?
KZ05R1169	FLOAT	MCianci	12-Jul-05	646847	6467391	KL	Moderate	EA												FR	0.0005	0.1	17	25	2	2	0.02	1	2% qtz eyes 1-3mm in diameter
KZ05R1170	GRAB	MCianci	12-Jul-05	646917	6467382	CL	Weak	EA												SVD	0.0005	0.3	9	58	13	2	0.005	2	clasts range in size from 1-10mm
KZ05R1177	FLOAT	MCianci	12-Jul-05	646919	6467375	SI	Moderate	RM	CY	Weak	RM									FTRB	0.0005	0.1	9	30	3	1	0.005	1	Sample taken along ridge. Silicified/clay altered volcanic breccia. Found as talus among purple and green pyroclastic volcanics . Note sample is labelled 1176 in the field.
KZ05R1179	GRAB	MCianci	12-Jul-05	647039	6467064	KL	Strong	EN	EP	Moderate	SP									UNKNOWN	0.0005	0.1	17	79	4	3	0.01	1	outcrop 15x15m
KZ05R1180	FLOAT	MCianci	12-Jul-05	646941	6467017	KL	Strong	EA												UNKNOWN	0.0005	0.1	24	36	2	1	0.005	1	minor qtz eyes and rusted sulphides disseminated. all less than 1mm
KZ05R1183	GRAB	MCianci	12-Jul-05	647002	6467192	CY	Weak	SP												FTRT	0.0005	0.1	15	54	7	2	0.005	1	Sampled outcrop of purple pyroclastic volcanics.
KZ05R1184	FLOAT	MCianci	12-Jul-05	646960	6467155	CY	Moderate	EA												FTRX	0.0005	0.1	19	15	2	1	0.005	1	Sample and rock type make up 15-30 % of talus slope.
KZ05R1185	FLOAT	MCianci	12-Jul-05	646855	6467049	CY	Moderate	EA	SI	Weak										FTRX	0.0005	0.1	26	17	1	1	0.005	1	Took sample near resistant spears.
KZ05R1187	FLOAT	MCianci	12-Jul-05	646935	6469780	SI	Moderate	EA												UNKNOWN	0.002	0.1	1	13	4	38	0.42	7	Sampled rusty slope near pick-up spot at creek/valley junction .
KZ05R1189	FLOAT	MCianci	13-Jul-05	623143	6483803															GRD	0.0005	0.1	18	28	13	6	0.005	1	Took sample of granitoid along boulder sized talus slope. Sample is the dominant rock type.
KZ05R1190	FLOAT	MCianci	13-Jul-05	623422	6483852	CY	Detectable													GRD	0.0005	0.1	11	28	6	2	0.005	1	Sampled weathered intrusive along ridge.
KZ05R1191	FLOAT	MCianci	13-Jul-05	623883	6483915															GRD	0.0005	0.1	17	48	9	2	0.005	1	Sampled talus slope.
KZ05R1192	FLOAT	MCianci	13-Jul-05	624422	6484125															FD	0.0005	0.1	7	29	9	5	0.005	1	Sample taken from bowl. East side of bowl is dominated by grey/blue volcanics.
KZ05R1193	FLOAT	MCianci	13-Jul-05	624687	6484198															GR	0.0005	0.1	7	25	6	4	0.005	1	Sample taken of intrusive on talus slope. Located within Landsat blebs.
KZ05R1194	FLOAT	MCianci	13-Jul-05	624584	6484015															FD	0.0005	0.1	7	23	23	16	0.005	11	Sample taken from bottom of bowl.
KZ05R1195	FLOAT	MCianci	13-Jul-05	624204	6483728															FD	0.0005	0.1	7	19	15	7	0.005	1	Took sample of grey/blue volcanic near pyrophyllite LandSat.
KZ05R1198	FLOAT	MCianci	15-Aug-05	639850	6499591	CY	Strong	EA												GR	0.001	0.1	10	28	3	5	0.005	1	
KZ05R1199	GRAB	MCianci	16-Aug-05	638505	6498903															S	0.007	0.1	6	72	36	174	0.56	1	Sample taken along top of rusty/weathered sedimentary ridge.
KZ05R1202	FLOAT	MCianci	16-Aug-05	638828	6498590															SRC	0.003	0.8	3	21	127	21	0.13	1	Sampled conglomerate w' calcite veining. Green mineral? Malachite?
KZ05R1203	GRAB	MCianci	16-Aug-05	638943	6498338															SRC	0.002	0.1	9	77	142	5	0.05	1	Sampled conglomerate w' calcite veins.
KZ05R1204	GRAB	MCianci	16-Aug-05	639425	6497992															SRC	0.004	0.1	3	95	170	9	0.05	1	Conglomerate .
KZ05R1205	GRAB	MCianci	16-Aug-05	640602	6498160															GR	0.001	0.1	1	45	31	1	0.01	1	
KZ05R1206	GRAB	MCianci	16-Aug-05	640764	6498529															GR	0.0005	0.5	24	17	14	1	0.09	1	Calcite veins within granite. 2-3cm wide.
KZ05R1207	FLOAT	MCianci	16-Aug-05	640641	6498664							GA		BB		SP		BB		GR	0.144	51	10400	14100	178	1110	4.74	293	Base metals.
KZ05R1208	GRAB	MCianci	16-Aug-05	640186	6498741															GR	0.001	0.2	14	58	14	2	0.01	1	
KZ05R1209	GRAB	MCianci	16-Aug-05	639748	6499013															GR	0.001	0.4	39	110	12	3	0.05	1	
KZ05R1210	GRAB	MCianci	16-Aug-05	639277	6499047															FR	0.001	0.2	5	112	29	8	0.02	1	
KZ05R1211	FLOAT	MCianci	16-Aug-05	638850	6499362	CY	Strong	EA												UNKNOWN	0.001	0.1	10	14	4	1	0.33	1	
KZ05R1212	GRAB	MCianci	17-Aug-05	638721	6499707	CY	Moderate	EA												GR	0.001	0.1	10	30	17	5	0.005	1	
KZ05R1213	GRAB	MCianci	17-Aug-05	638311	6499585															SS	0.001	0.1	3	26	16	16	0.01	1	
KZ05R1214	GRAB	MCianci	17-Aug-05	637811	6500221	CY	Weak	PA												GR	0.001	0.1	11	49	15	20	0.01	1	
KZ05R1215	FLOAT	MCianci	17-Aug-05	637033	6500308	CY	Strong	EA												UNKNOWN	0.0005	0.1	22	11	13	19	0.63	1	
KZ05R1216	FLOAT	MCianci	17-Aug-05	636590	6500512	CY	Strong	EA												UNKNOWN	0.0005	0.1	3	26	2	8	0.09	1	
KZ05R1217	FLOAT	MCianci	17-Aug-05	637517	6500073	SI	Moderate	EA												SS	0.002	0.3	9	69	39	19	0.05	1	Location was with 2D on GPS w' +/- 12m. Elevation is not exact.
KZ05R1218	GRAB	MCianci	20-Aug-05	622020	6504882	SI	Weak	EA												UNKNOWN	0.001	0.4	95	31	5	57	0.38	6	Sample taken on resistant gossanous ridge red/yellow in color and approx 100m long and forms the south ridgeline of a small creek. Oriented at 106/286.
KZ05R1219	GRAB	MCianci	20-Aug-05	621638	6504926	SI	Moderate	PA	CY	Moderate	PA									GR	0.013	0.4	14	53	17	349	0.04	1	Clay is possibly dickite. Rock is heavily weathered w' the feldspar phenos being altered to clay.
KZ05R1220	FLOAT	MCianci	20-Aug-05	621715	6505364	SI	Weak	SP	CY	Weak	PA									GR	0.017	0.2	12	56	7	31	0.02	1	Green porphyritic rock. Intrusive or feldspar porphyry volcanic. Vuggy quartz/fracture filling.
KZ05R1222	GRAB	MCianci	20-Aug-05	621640	6505678	CY	Weak	EA												ITAL	0.008	0.2	6	55	139	7	0.04	1	Sample along skinny ridge. Looks like a pyroclastic volcanic/volcaniclastic.
KZ05R1223	FLOAT	MCianci	20-Aug-05	621610	6505898							PY		BB						I	0.013	0.2	5	68	162	64	0.05	1	
KZ05R1224	FLOAT	MCianci	20-Aug-05	621612	6505955	CY	Strong	PA												ITAB	0.006	0.2	3	71	126	21	0.04	2	Sample taken in recessive gully on ridge. Possibly a fault. Breccia makes up 50% of the fault zone and is visibly clay altered. Possibly dickite.

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

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	Intensity	Style	Type	Intensity	Style	Type	%	Style	Size	Type	%	Style	Size										
KZ05R1227	GRAB	MCianci	20-Aug-05	622132	6505420	CY	Strong	PA												I	0.006	0.4	52	96	53	95	0.09	2	Sample taken along resistant ridge. Quartz veining and clay. Possibly dickite.
KZ05R1228	GRAB	MCianci	20-Aug-05	622326	6505561															GR	0.273	1.3	66	44	12	2080	0.2	9	Qtz veining. Biotite books.
KZ05R1229	GRAB	MCianci	20-Aug-05	622341	6505785	CY	Strong	SP												GR	0.002	0.1	11	50	13	33	0.33	3	Sample of intrusive with clay and weathered feldspar .
KZ05R1230	GRAB	MCianci	20-Aug-05	622557	6505846															GR	0.002	0.1	12	71	10	12	0.02	1	
KZ05R1231	GRAB	MCianci	21-Aug-05	622158	6504699	SI	Moderate	FF												GR	0.006	0.6	125	185	17	24	0.05	4	Green tinged intrusive w' Qtz veining/infilling. Intrusion is topo lower than overlying seds/mudstone. Sporadic outcrops in sed horizon.
KZ05R1232	GRAB	MCianci	21-Aug-05	622053	6504703															SS	0.001	0.1	9	44	20	21	0.03	1	Sandstone layer within larger sed package which includes mud/siltstone. Sample taken adjacent to 15cm wide calcite vein.
KZ05R1233	GRAB	MCianci	21-Aug-05	621994	6504590	SI	Weak	RM												FTRB	0.012	0.2	7	36	41	25	0.04	1	Breccia sampled at V in creek just before drop-off. Gully might be structure related ie: fault. Took photo. KZ05R1233.
KZ05R1234	GRAB	MCianci	21-Aug-05	621945	6504536	CY	Strong	SP												GR	0.031	0.2	36	67	5	305	0.6	4	Intrusive is heavily clay altered in spots. Weathering of feldspars?
KZ05R1235	GRAB	MCianci	21-Aug-05	621758	6504462															SS	0.001	0.1	4	32	15	27	0.01	2	Outcrop is 30m x 10m. Located in a field of bleached intrusive talus sourced from above.
KZ05R1236	GRAB	MCianci	21-Aug-05	621591	6504310															GR	0.004	0.1	11	57	7	10	0.01	1	Sampled outcrop of prevalent intrusive unit.
KZ05R1237	FLOAT	MCianci	21-Aug-05	621577	6504260	SI	Moderate	EA	CY	Moderate	EA									UNKNOWN	0.002	0.1	1	14	6	1	0.08	1	Found as float within bowl/cirque.
KZ05R1238	GRAB	MCianci	21-Aug-05	621578	6504111	SI	Weak	EA	CY	Strong	EA									SS	0.002	0.1	7	14	3	14	0.08	1	Sample taken from a distinct rusty/gossanous sed horizon which runs approx at the same contour around the bowl/cirque.
KZ05R1239	FLOAT	MCianci	21-Aug-05	621923	6503926	CY	Strong	SP												GR	0.001	0.3	92	55	8	83	0.62	5	Weathered intrusive porphyry.
KZ05R1240	FLOAT	MCianci	21-Aug-05	621907	6504262	CY	Strong	FF												GR	0.002	0.1	9	66	9	15	0.04	1	Clay fills fractures. Porphyritic texture. Some vug space w' Qtz.
KZ05R1241	FLOAT	MCianci	21-Aug-05	622070	6504395	CY	Strong	FF	SI	Weak	RM									UNKNOWN	0.004	0.2	5	20	24	10	0.03	2	Sample taken as talus. Possible brecciation.
KZ05R1242	GRAB	MCianci	22-Aug-05	622496	6504834															ITAL	0.002	0.1	4	91	162	1	0.07	1	Sample taken of intermediate/mafic pyroclastic rock.
KZ05R1243	GRAB	MCianci	22-Aug-05	622436	6504928							PY		EU						GRD	0.003	0.1	18	70	18	28	0.06	1	Sampled granodiorite w' sulphide/pyrite and Qtz veinlets.
KZ05R1244	FLOAT	MCianci	22-Aug-05	622348	6505114	CY	Strong	FF												ITAB	0.012	0.1	2	46	64	19	0.04	1	Took sample of interesting inter/mafic volcanic breccia w' clay fracture filling and calcite veins. Found on large talus slope at foot of bowl. Took photo.
KZ05R1245	GRAB	MCianci	22-Aug-05	622337	6505252															ITAL	0.002	0.1	3	81	172	7	0.01	1	Sample lithic volcanic w' larger lithic fragments. Near a contact w' an intrusive unit.
KZ05R1247	GRAB	MCianci	22-Aug-05	622359	6505365															ITAL	0.001	0.2	4	97	176	30	0.05	1	Lithic volcanic tuff unit. Green/grey.
KZ05R1248	GRAB	MCianci	22-Aug-05	622456	6505534															GRD	0.0005	0.1	13	50	10	6	0.01	1	Intrusive coarse grained unit.
KZ05R1249	GRAB	MCianci	22-Aug-05	622560	6505511	CY	Strong	PA												UNKNOWN	0.029	0.4	5	55	144	77	0.08	3	Sample is unknown possibly volcanic clay altered breccia.
KZ05R1252	FLOAT	MCianci	22-Aug-05	622732	6504989															I	0.001	0.1	4	91	164	7	0.03	1	Found as float but may be some outcrop nearby. Dominant rock type is grd.
KZ05R2002	GRAB	RMann	14-Jun-05	607131	6509289	SI	Weak	EA												G	0.0005	0.1	13	65	3	1	0.01	1	
KZ05R2003	GRAB	RMann	14-Jun-05	607364	6509637	SI	Weak	EA				PY	3	DS	FG					MB	0.006	0.2	19	33	24	19	0.01	1	20m from granite
KZ05R2004	GRAB	RMann	14-Jun-05	607548	6509713	SI	Weak	EA				PY	4	ST	FG					G	0.002	0.3	12	63	78	11	0.02	2	fg intrusive w hb , feld
KZ05R2005	GRAB	RMann	14-Jun-05	607794	6510525	SI	Detectable	EA				PY	5	DS	FG					SSQF	0.003	0.8	15	42	385	19	0.01	5	cherts nearby
KZ05R2006	GRAB	RMann	15-Jun-05	614539	6508978															G	0.0005	0.2	16	67	10	1	0.07	1	weathered
KZ05R2007	GRAB	RMann	15-Jun-05	613866	6509459															SS	0.011	0.2	11	89	80	9	0.1	1	at shore of elk
KZ05R2008	GRAB	RMann	15-Jun-05	621370	6507490															SS	0.002	0.7	13	68	14	9	0.01	1	poss fg intr, see notes rkm05-8
KZ05R2009	GRAB	RMann	15-Jun-05	621584	6507260	CL	Weak	EA												G	0.0005	0.1	7	51	13	1	0.005	2	greenish, cg biot, in a sea of ms/sst
KZ05R2010	GRAB	RMann	15-Jun-05	621438	6507230	CY	Weak	FF												G	0.008	0.7	15	53	20	57	0.05	3	adj to cong, white clay veinlets in fg intr w biot and some mud zeno's
KZ05R2011	GRAB	RMann	15-Jun-05	621438	6507239															SRC	0.007	0.5	14	91	45	39	0.07	1	3m from granite
KZ05R2012	FLOAT	RMann	15-Jun-05	621338	6507247	SI	Moderate	EA												G	0.002	0.1	15	29	2	9	0.005	1	bleached, talus/subcrop
KZ05R2013	GRAB	RMann	15-Jun-05	621342	6507132	SI	Weak	EA				PY	2	DS	CG					S	0.0005	0.3	15	25	7	20	0.02	1	4m from intr contact
KZ05R2014	CHIP	RMann	15-Jun-05	621503	6507110	SI	Complete	EA				AP	3	DS	CG	PY	3	DS	CG	UNKNOWN	0.225	4	325	1970	109	3330	0.28	9	chip across 30 cm polymet vein
KZ05R2015	GRAB	RMann	15-Jun-05	621502	6507109	CH	Weak	EA	CY	Weak	FF									G	0.004	0.2	24	163	11	104	0.09	1	1m from veins
KZ05R2016	GRAB	RMann	18-Jun-05	621271	6504348	CY	Moderate	RF												UNKNOWN	0.002	0.7	6	17	4	34	0.01	1	BRECCIA OR volc tuff
KZ05R2017	GRAB	RMann	18-Jun-05	621273	6504349	CY	Moderate	EA												UNKNOWN	0.0005	0.1	1	10	3	1	0.005	1	LAMINATED OR Banded
KZ05R2018	GRAB	RMann	18-Jun-05	621383	6504551	CY	Detectable	EA												G	0.0005	0.2	13	84	21	16	0.01	1	dyke?
KZ05R2019	GRAB	RMann	18-Jun-05	621353	6504632	CY	Detectable	EA				EN	2	ST	FG					G	0.001	0.1	2	5	7	79	0.09	1	thorn stock intr
KZ05R2022	FLOAT	RMann	18-Jun-05	621350	6504698							PY	0.5	BB	VFG					F	0.001	0.6	158	114	42	198	0.15	3	
KZ05R2023	GRAB	RMann	18-Jun-05	621436	6504997	SI	Detectable	EA												S	0.0005	0.2	17	49	7	12	0.01	3	laminated ss
KZ05R2024	FLOAT	RMann	18-Jun-05	621825	6505178															SAS	0.002	0.1	18	86	29	10	0.02	1	to test au and pima
KZ05R2027	FLOAT	RMann	18-Jun-05	621754	6505030	CY	Moderate	RM				PY	0.1	DS	MG					SAS	0.061	2.9	15	63	104	824	0.12	6	sampled 4 roc some bx
KZ05R2028	FLOAT	RMann	18-Jun-05	621754	6505031	SI	Moderate	EA				PY	0.3	<V	VFG					SAS	0.013	1.9	8	69	96	915	0.07	2	
KZ05R2029	FLOAT	RMann	18-Jun-05	621716	6504824							EN	1	ST	FG					G	0.001	0.2	28	61	18	18	0.01	1	above, some ang frags, poss bx or volc tuff
KZ05R2030	GRAB	RMann	18-Jun-05	621307	6503005	SI	Strong	EA				PY	2	DS	CG					G	0.0005	0.3	17	44	7	1	0.005	1	5mthick resistant zone
KZ05R2031	GRAB	RMann	18-Jun-05	621374	6503038	SI	Moderate	EA	CY	Weak	PA	EN	0.2	>V	MG					UNKNOWN	0.005	33.7	20900	76	13	6	0.61	2	From 50 cm thick weakly vuggy silica and clay horizon within a 5 m thick resistant horizon in the Thorn Stock type intrusives.
KZ05R2032	GRAB	RMann	19-Jun-05	611254	6506236	SI	Detectable	EA				PY	1	DS	MG					F	0.0005	0.1	29	48	19	10	0.01	1	locally silic'd volc tuffs, , struct controlled , strike 060/80 over 30m
KZ05R2033	GRAB	RMann	19-Jun-05	610763	6506255	SI	Weak	RM				PY	2	DS	FG					F	0.006	0.1	46	28	4	61	0.01	1	rusty volc frag/tuff, could be due to proximity to flt.
KZ05R2034	FLOAT	RMann	19-Jun-05	610761	6506253	CY	Moderate	EA												F	0.022	0.3	44	6	4	89	0.01	1	3 pieces of float, same volc tuff as 2033, 5m wide recessive zone
KZ05R2035	GRAB	RMann	19-Jun-05	610251	6506427															G	0.002	0.2	19	101	15	12	0.01	1	Windy Table intr?, no alt or sulph, rep sample, ridge
KZ05R2036	GRAB	RMann	19-Jun-05	610287	6506504							PY	3	DS	FG					U	0.005	0.4	28	55	21	32	0.01	1	rusty outcrop
KZ05R2037	FLOAT	RMann	19-Jun-05	610288	6506505	CY	Moderate	EA												U	0.019	0.8	230	239	73	128	0.06	6	Float of clay altered rock, not much of it around
KZ05R2038	GRAB	RMann	19-Jun-05	610223	6506573	CY	Weak	EA												U	0.002	0.2	33	84	22	26	0.01	1	Possible sediment, some brecciation.
KZ05R2039	FLOAT	RMann	19-Jun-05	610348	6506625	SI	Strong	EA				PY	1	DS	FG					S	0.002	0.5	125	499	17	3	0.02	1	Sedimentary breccia or volc, local float, lost flagging tape here
KZ05R2040	GRAB	RMann	19-Jun-05	610387	6506571							PY	1	DS	FG					F	0.015	0.4	58	81	33	5	0.01	1	Possible 1% enargite
KZ05R2041	GRAB	RMann	19-Jun-05	610438	6506470	SI	Weak	EA				PY	1	DS	FG					FT	0.001	0.2	56	139	42	2	0.01	1	coarse frag lithic tuff, rusty
KZ05R2042	GRAB	RMann	19-Jun-05	610537	6506394	SI	Weak	EA				PY	2	DS	FG					FT	0.001	0.1	19	42	18	5	0.01	1	rusty volc tuff
KZ05R2043	GRAB	RMann	19-Jun-05	610912	6506471	SI	Detectable	EA				PY	2	DS	FG					S	0.013	0.3	10	42	111	13	0.005	1	seds in cirque, base of rusty cliff
KZ05R2044	FLOAT	RMann	19-Jun-05	610826	6506739	CY	Strong	EA												U	0.016	0.2	9	16	34	22	0.01	1	mix of talus rocks to test area. Could be volc or seds or intr? str alt'd, very coarse bx.
KZ05R2046	FLOAT	RMann	19-Jun-05	610826	6506739	SI	Moderate	EA				PY	3	PA	FG					U	0.008	0.2	6	43	44	5	0.005	1	1m from last sample, disseminated to patches of py.

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

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration Type	Dominant Alteration Intensity	Dominant Alteration Style	Secondary Alteration Type	Secondary Alteration Intensity	Secondary Alteration Style	Mineral 1 Type	Mineral 1 %	Mineral 1 Style	Mineral 1 Size	Mineral 2 Type	Mineral 2 %	Mineral 2 Style	Mineral 2 Size	Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05R2047	FLOAT	RMann	19-Jun-05	610829	6506740	SI	Moderate	EA				PY	2	PA	FG					SSWF	0.005	0.1	1	28	155	5	0.005	1	rusty, laminated sst. gwy, patchy to diss'd py
KZ05R2048	FLOAT	RMann	19-Jun-05	610789	6506899	SI	Strong	EA				PY	2	DS	FG					SCT	0.01	0.3	6	35	583	13	0.005	1	Laminated chert, pyrite along specific lams. Fine silica veinlets. Best looking chert on the slope. Other half of rock was lost in talus.
KZ05R2049	FLOAT	RMann	19-Jun-05	610781	6506989	SI	Moderate	EA				PY	1	DS	FG					SCT	0.006	0.1	7	40	97	13	0.005	1	Talus slope, weak vein bx, and poss clays with the py/sil veins. Some dk specks.
KZ05R2052	GRAB	RMann	19-Jun-05	610466	6507120															SS	0.001	0.1	5	22	7	45	0.04	4	base of Takwahoni fm? Just above a thick LS, top of small knob by creek, Unaltered.
KZ05R2053	GRAB	RMann	19-Jun-05	610466	6507120															SCL	0.002	0.1	3	5	1	24	0.05	1	5m + thick limestone unit, mod dipping
KZ05R2054	GRAB	RMann	19-Jun-05	610468	6507424	CY	Weak	EA												S	0.011	0.7	22	46	79	18	0.04	1	Thin spine east of cr, following up RImfire sample ~40m away , gossanous area, in a thin 3m wide structural zone at 180/90 took 4 samples from 2m area and combined, host = ? but locally is seds, looks a bit tuffacoues or bx.
KZ05R2077	GRAB	RMann	22-Jun-05	607841	6513660															MB	0.001	0.1	21	46	19	1	0.01	1	mafic to int volc flow w rare ang frags, fuchs green to beige, massive
KZ05R2078	GRAB	RMann	22-Jun-05	607804	6513364															MB	0.003	0.1	14	72	49	7	0.03	1	possible intermediate flows and poss pillows.
KZ05R2083	GRAB	RMann	25-Jun-05	599256	6504888	CY	Detectable	EA				PY	1	DS	MG					G	0.0005	0.1	10	9	3	60	0.005	1	felsic 8x8m dyke, all feld w rare qtz
KZ05R2084	GRAB	RMann	25-Jun-05	599244	6504954	SI	Detectable	EA				PY	1	DS	VFG					S	0.0005	0.1	3	60	74	6	0.05	3	near mafic and felsic dykes, sst?
KZ05R2085	GRAB	RMann	25-Jun-05	599270	6504914	SI	Strong	RF												PBA	0.0005	0.5	126	5	11	30	0.005	1	3m wide by 7m long plus area of veining and silica, some bx'n, good zone
KZ05R2086	GRAB	RMann	25-Jun-05	599524	6504937	SI	Moderate	EA				PY	1	DS	FG					U	0.001	0.1	9	17	7	26	0.01	1	3m wide felsic dyke or sill w diss py or poss enargite
KZ05R2087	GRAB	RMann	25-Jun-05	599409	6504855	EP	Weak	SP				PY	0.3	DS	MG					G	0.0005	0.1	10	56	13	27	0.02	1	4-6 m wide dyke, w qtz and feld and biot, sloko or thorn type, ep alt'n of mafics, in pyroph zone
KZ05R2088	FLOAT	RMann	25-Jun-05	599802	6504828	SI	Moderate	RM												U	0.001	0.1	6	12	9	43	0.005	1	4-6 cobb to boulders in small gully, sub ang, str vein bx but almost perfect vuggy sil, if tan frags were more silicified then?, snow patch 2 m away prevents exposure.
KZ05R2089	FLOAT	RMann	25-Jun-05	599798	6504826	SI	Detectable	EA					1							S	0.0005	0.1	8	71	15	23	0.02	1	lots of sub ang grey float of ss to cg ss to fine cong, some w wk sil
KZ05R2090	GRAB	RMann	25-Jun-05	600968	6504855															SRC	0.003	0.1	4	83	36	10	0.02	1	dead looking cong, lots of it
KZ05R2091	GRAB	RMann	25-Jun-05	601479	6504321	SI	Detectable	EN												SRC	0.002	0.1	8	56	13	45	0.01	1	wk rusty conglom, local30m area
KZ05R2092	GRAB	RMann	25-Jun-05	601483	6504283	CB	Moderate	FL												SRC	0.001	0.4	33	191	14	32	0.03	1	dk grey, cc alt'd matrix, felsite dyke 25m away
KZ05R2093	GRAB	RMann	25-Jun-05	601481	6504154															U	0.0005	0.1	2	49	28	4	0.01	1	felsite dyke, quite hard, lg, 20m wide+, 50m or more strike
KZ05R2094	GRAB	RMann	25-Jun-05	601225	6503782	SI	Moderate	EA												S	0.0005	0.1	9	49	4	12	0.005	1	v hard ms/sst, 4m from lg intr
KZ05R2096	GRAB	RMann	25-Jun-05	601201	6503844	SI	Strong	EA												S	0.0005	0.1	11	14	8	54	0.005	1	kam'd, sil'd, seds, sst?, intruded by dyklets of intr, 2m wide btwn 2 mudstones w rust
KZ05R2097	GRAB	RMann	26-Jun-05	638200	6500926	CY	Moderate	EA												G	0.0005	0.1	9	31	2	734	2.34	3	subcrop of qtz, feld tan weath intr, at lest 10x40m long, not same as biot, feld fresh intr around.
KZ05R2098	FLOAT	RMann	26-Jun-05	637951	6500905	CY	Moderate	EA												G	0.0005	1.6	45	258	18	121	0.38	5	local float, qtz, feld intr, nearby is biot, qtz feld intr so think whole hill is one lith.
KZ05R2099	FLOAT	RMann	26-Jun-05	637952	6500905	CY	Weak	RF												I	0.0005	2	205	295	3	505	0.21	6	float, local of black ash matrix pyroclastic, have seen 3 in 50m area, no source, some frags are clay alt'd, photos
KZ05R2102	GRAB	RMann	26-Jun-05	637503	6500871															G	0.001	0.1	6	53	11	1	0.05	1	brown fresh, biot +/-qtz intr, cut by mafic dykes locally, not alt'd
KZ05R2103	FLOAT	RMann	26-Jun-05	637862	6500650	CY	Strong	EA												G	0.0005	0.2	16	120	6	20	0.17	1	float, from above bluffs, best alt'n so far, most of matrix is clay, only some feld and fe-ox specks left, not weath.
KZ05R2104	FLOAT	RMann	26-Jun-05	637885	6500535	CY	Moderate	EA												G	0.0005	0.1	14	60	4	8	0.06	1	clay alt'd, feld porphyry intr, whole talus slope is this, 70m across or more, mang staining and in veinlets, some alt'n fronts preserved.
KZ05R2105	GRAB	RMann	26-Jun-05	637851	6500542	CY	Strong	EA												U	0.0005	0.1	17	82	3	68	0.77	1	poss aplite dyke, homo, soft, n wearer, 2-3m wide, irreg shape
KZ05R2106	GRAB	RMann	26-Jun-05	637864	6500542															F	0.001	0.2	29	76	19	55	0.21	2	fine bx, ave 1 cm w 1mm intr or volc matrix, heterolithic, lots of emer gm clasts chl?, photo, at least 3m wide, underlays aplite.
KZ05R2107	GRAB	RMann	26-Jun-05	637840	6500542	CY	Detectable	RF				PY	0.1	DS	FG					U	0.0005	0.1	14	79	21	37	0.28	2	more bx, w gren frags, some ms and some felsics, some clay and py, near fltsheatrs,4m away, Stuhini or bx, or WT Tuffs?,
KZ05R2108	GRAB	RMann	26-Jun-05	637580	6500569	CY	Weak	EA												U	0.0005	0.1	17	21	1	85	0.15	1	buff, vfg aplite dyke of fg sst, some poss ss nearby, small talus slope but source is likely <50m uphill
KZ05R2109	GRAB	RMann	26-Jun-05	637475	6500594	CY	Weak	EA												G	0.003	0.4	45	195	29	215	2.8	6	buff intr phase with feld and fe-ox laths after hb?, wk-m0d clay
KZ05R2110	FLOAT	RMann	26-Jun-05	637392	6500582	CY	Weak	EA												G	0.0005	0.1	9	24	1	47	0.05	1	fg felsite or ss. buff, think it is all one intr
KZ05R2111	GRAB	RMann	26-Jun-05	637479	6500437															S	0.001	0.1	9	109	19	8	0.06	2	wk hornfelsed sst, black, some biot feld porphr and clay alt'd intr 20m to north
KZ05R2112	GRAB	RMann	26-Jun-05	637372	6500308	CY	Weak	EA												IT	0.002	0.1	18	82	11	35	0.21	1	layered, brecciated , 1 cm or less frags subang, likely tuff, green frags, same unit as in cr before. see photos and reps
KZ05R2113	FLOAT	RMann	26-Jun-05	637320	6500252	CY	Weak	EA												IT	0.003	0.1	22	14	18	25	0.13	1	good pyroclastics w ang heterolithic frags of varying sizes, talus
KZ05R2114	CHIP	RMann	26-Jun-05	637377	6500126															S	0.003	0.2	8	98	86	29	0.05	1	30cm chip across shales and sst lams, look unaltered. dip40 deg.
KZ05R2115	FLOAT	RMann	02-Jul-05	632487	6482423	SI	Weak	RM												FT	0.017	0.2	14	22	13	385	0.93	3	Subcrop, fine lapilli tuff that looks like a coarse ss. Silica alteration of the matrix of the tuff. Edge of snow field.
KZ05R2116	GRAB	RMann	02-Jul-05	632391	6482009	CB	Moderate	RM												FT	0.002	0.1	1	50	3	13	0.06	1	Low sulphidation style banded cc + qtz vein breccia. Gossanous. Lapilli tuff with 3 cm frags. poss N-S struct in creek. Possible clay.
KZ05R2117	FLOAT	RMann	02-Jul-05	632341	6482365	SI	Strong	RM	CY	Detectable	PA									PBA	0.014	0.7	3	15	23	27	0.05	1	Breccia. Reworked lithic tuff? Some hem stained qtz banding around frags. Poly mictic frags are sub ang to sub rounded. Local float. Minor clay in float 5m away. Minor open space text in the vein bx.
KZ05R2118	GRAB	RMann	02-Jul-05	632210	6482689	SI	Weak	EA	CY	Weak	SP									MB	0.0005	1.3	1	117	194	4	0.04	5	3X3m area in the middle of green mafic volc. Silic'd with minor vuggy silica text. Limited in size. Might be related to a hidden fault in large snowfield to west. Bleached oc.
KZ05R2119	GRAB	RMann	02-Jul-05	632130	6482905	SI	Complete	RE												IA	0.037	0.2	7	21	12	196	20.9	16	Strongly silic'd hydroth bx in volc flows. Not sure if Stuhini or WT. Ad to cc + qtz well banded hyrothe bx sim to earlier in the day. 40X 30m area of this and silic'n. Tr py locally.
KZ05R2121	GRAB	RMann	02-Jul-05	632166	6482930							PY	1	DS	FG	CP	0.2	DS	FG	GOOP	0.0005	0.1	1	52	168	3	0.07	1	Feld porphyry with large phenos. dyke, resistant, wk epidote veining locally.
KZ05R2122	GRAB	RMann	02-Jul-05	632452	6483220	MS	Strong	EA												FTRA	0.002	0.1	14	73	44	20	0.37	1	Weakly layered soft dk grey ash that look like mudstone in creek. Waxy, <any not be seric'd. Some welded frags in it locally. See photos. Obsidian locally.
KZ05R2124	GRAB	RMann	02-Jul-05	632766	6483329	SI	Moderate	EA				PY	0.5	DS	FG					FT	0.004	0.1	13	83	10	7	0.74	1	Thorn stock style feld +/- biot, hb porphyry. This 30 cm horizon is silicified.
KZ05R2130	GRAB	RMann	03-Jul-05	631482	6477130	SI	Moderate	EA												G	0.001	0.2	5	17	17	1	0.01	1	rusty, 50x50m oc of feld/hb+/-qtz fg-mg intr.
KZ05R2131	FLOAT	RMann	03-Jul-05	631509	6477015	SI	Moderate	EA	EP	Moderate	SP									G	0.0005	0.1	4	16	5	4	0.005	1	white weather, feld, ep, qtz intr, lots over80m, 50%), local float, <20m,
KZ05R2132	FLOAT	RMann	03-Jul-05	631482	6476829	SI	Moderate	EA												G	0.0005	0.1	68	214	32	1	0.005	2	white local talus, minor and poorly developed vuggy text, same intr as rest of hill
KZ05R2133	GRAB	RMann	03-Jul-05	631339	6476591	SI	Moderate	EA	EP	Weak	SP									G	0.001	0.1	19	23	139	8	0.005	1	bleached and perv sil'd 2x10?m zone of gran. Rusty but less alt'd rocks around.
KZ05R2134	FLOAT	RMann	03-Jul-05	631299	6476565	SI	Weak	EA				PY	1	DS	MG	CP	1	DS	MG	G	0.715	6.5	5	46	9390	15	0.01	2	diss'd porphyry style min'n, malachite also, local talus, rare,4 pieces over25m, some veinlets of sil, py.
KZ05R2135	GRAB	RMann	03-Jul-05	631105	6476434	SI	Moderate	EA	EP	Weak	PA	PY	1	DS	FG					G	0.071	0.8	4	36	292	1	0.005	1	white feld/ep sil'd intr, beside rusty version of same
KZ05R2136	GRAB	RMann	03-Jul-05	631104	6476329	SI	Strong	EA	EP	Weak	PA									G	0.026	1.3	39	25	88	1	0.01	5	rock forming knobs and ridges, very rusty, local ds py zones, local sil'd, clay float.
KZ05R2137	GRAB	RMann	03-Jul-05	630940	6476059	SI	Weak	EA	EP	Weak	PA									G	0.001	0.7	97	76	72	1	0.005	1	large 4usty100x100m area, all sim rk

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

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	Intensity	Style	Type	Intensity	Style	Type	%	Style	Size	Type	%	Style	Size									
KZ05R2138	GRAB	RMann	03-Jul-05	630884	6475929	EP	Moderate	PA	KS	Moderate	PA									G	0.004	0.1	8	76	82	7	0.01	1	most of thegreyintr here and past 100m, has epidote and pink mineral, poss k-spar, no sulp, here a 10cmzone has wk clay
KZ05R2139	GRAB	RMann	03-Jul-05	631020	6475911	CY	Weak	SP												G	0.0005	0.1	25	61	3	5	0.005	1	new white weath porph intr w fld and qtz. clay alt'n of feld and matrix. in. gully, 30m thick dyke near a series of dk green dykes
KZ05R2140	GRAB	RMann	03-Jul-05	631427	6475934	SI	Moderate	EA												G	0.003	0.4	13	47	77	3	0.005	1	white, gran, 2-3m wide in a lesser alt'd proto
KZ05R2141	FLOAT	RMann	03-Jul-05	631350	6476700	SI	Strong	EA												G	0.033	1.2	64	112	2030	14	0.03	20	str sil'd gran w 50%dk grey silica bands to patches, seen rare float of it frpm10-11;30 today. loc'n very appox as it was a late addition to sampling.
KZ05R2142	FLOAT	RMann	03-Jul-05	631106	6476328	SI	Weak	PA	CY	Moderate	PA									G	0.024	1.4	22	6	22	1	0.005	1	float nearby 2036, bit rounded but best clay all day
KZ05R2143	GRAB	RMann	07-Jul-05	635502	6495101	CH	Moderate	PA												G	0.002	0.1	4	50	120	16	0.01	1	late phase intr w cl alt'n of mafics and incorp of felds from feld porrp, poss diatreme bx
KZ05R2144	FLOAT	RMann	07-Jul-05	636658	6495393	MS	Weak	RM	SI	Detectable	RE	PY	1	DS	VFG					FT	0.0005	0.1	14	72	9	8	0.19	1	3m wide zone of orange talus, alt'd x-tal tuffs
KZ05R2145	GRAB	RMann	07-Jul-05	635188	6495844	MS	Weak	EA	PY	Detectable	EA									G	0.0005	0.1	14	57	9	3	0.03	1	gossanous and locally ser alt'd , green?, w biot, Thorn sock, <50m wide, ls pixel prob
KZ05R2147	GRAB	RMann	07-Jul-05	635374	6496720	CY	Detectable	FF				PY	0.2	ST						FT	0.0005	0.3	1	76	78	2	0.03	1	ash to fine lap tuff, talus, brn, took mix of 4 rocks, one w minor py and blk stringers
KZ05R2148	FLOAT	RMann	07-Jul-05	635193	6496714															FT	0.0005	0.1	1	34	56	21	0.02	1	bx, dk grey ang frags in10%lim matrix, photo
KZ05R2149	GRAB	RMann	07-Jul-05	637246	6495218	SI	Strong	EA	CY	Detectable	PA									FT	0.0005	0.1	8	42	15	3	0.005	1	locally sid spure, 5m high, clay alo, fn to coarse lap tuff, one old samp
KZ05R2152	GRAB	RMann	07-Jul-05	637288	6495251	CY	Strong	EA												FT	0.0005	0.1	2	62	3	7	0.01	1	5m high whit spire of str clay altered cs lapilli tuff. all spire is same.
KZ05R2153	GRAB	RMann	07-Jul-05	637916	6495264	CY	Strong	EA												FT	0.0005	0.1	10	31	5	20	0.77	1	white 10m wide cross cut zone o f str clay, xtal tuff, perv
KZ05R2154	GRAB	RMann	07-Jul-05	637906	6495262	SI	Strong	EA												FT	0.0005	0.1	16	45	5	41	0.58	1	3)CM WIDE buried zone, poss hy bx, photo, clay nearby
KZ05R2155	GRAB	RMann	07-Jul-05	637619	6495028	CY	Weak	EA												G	0.0005	0.1	18	82	19	9	1.06	1	Gossanous thorn stock, local fresh biot in hill
KZ05R2156	GRAB	RMann	07-Jul-05	635134	6497220	SI	Strong													G	0.029	1.5	9	189	791	395	1.05	55	Vuggy sili'd, aplite dyke, lots of float but<15m wide
KZ05R2157	GRAB	RMann	07-Jul-05	635133	6497220	SI	Strong	EA												G	0.0005	0.1	2	7	4	10	0.17	8	Sil'd aplite w chalcedonic open space lin8gs, loc'n approx
KZ05R2158	GRAB	RMann	07-Jul-05	635132	6497220	SI	Weak	EA	PY	Weak	EA									G	0.0005	0.1	11	7	2	1	0.02	1	greenish aplite, w no vugs, some qtz phenos, oc, approx
KZ05R2159	FLOAT	RMann	07-Jul-05	635131	6497220	SI	Moderate	FL	CY	Moderate	EA									FT	0.001	0.1	19	7	4	5	0.42	3	fine sandy tuff or intr w qtz sil'd lams and clay rich lams. loc'n approx but v near aplite
KZ05R2160	GRAB	RMann	07-Jul-05	635130	6497220	CY	Moderate	RF												FTDA	0.002	0.4	19	81	136	55	0.18	62	clay alt'd rags in a med lapilli tuff, located near aplite dyke
KZ05R2161	GRAB	RMann	07-Jul-05	635129	6497220	CY	Moderate	EA												FT	0.0005	0.3	27	8	2	1	0.12	1	clay alt'd ,white fine ash-lap tuff, near to of aplite de, but don't think it is aplite
KZ05R2162	GRAB	RMann	07-Jul-05	635128	6497220	SI	Weak	RF												FT	0.002	0.3	7	59	134	7	0.08	2	poss bx, milled bx ,or just a sil'd lapilli tuff.
KZ05R2163	FLOAT	RMann	08-Jul-05	635475	6484903															FT	0.0005	0.1	12	26	23	4	0.005	1	local, ang xtal tuff or flow, feld, hb,w 10% green sulphate? perv through. some trem on fractures
KZ05R2164	FLOAT	RMann	08-Jul-05	635361	6484896	SI	Moderate	RM												FT	0.001	0.1	10	41	13	3	0.01	1	malachite stained local float of bomb tuff or debris flow, w 2 cm hydrothermal bx. at a 1m thick malachite stained horizon incr dip 20ndegt s
KZ05R2165	GRAB	RMann	08-Jul-05	635296	6485061	SI	Detectable	RE												FT	0.0005	0.1	14	73	13	1	0.005	1	weak malach stained 1 m thick siliceous block tuff or debris flor. caps sim unaltered rock.poss pros horizon.
KZ05R2166	FLOAT	RMann	08-Jul-05	635320	6485040	SI	Strong	EA												FDEP	0.0005	0.1	8	37	7	4	0.005	1	V hard, weaklt silica bandedfeld , hb, tuff or flow. in talus beloebig bluff. ang. coulm't finf in oc butcould be from a bombin thr tuffs. loc'n is approx. lots of it in float. seerep and photo.
KZ05R2167	FLOAT	RMann	08-Jul-05	634673	6485015	CY	Detectable	EA												FT	0.001	0.1	7	54	9	1	0.01	1	weak malacstained anf local float, lapili to fist size tuff, soft, kots here
KZ05R2168	GRAB	RMann	08-Jul-05	634526	6485960	SI	Complete	EA				TT	0.1	DS	FG					M	0.001	0.2	8	85	104	19	0.75	47	2m wide zoneof near complete sil'nanf str qrzveining. 20m ridge crossing zone ofweak sil ad clat alt'n
KZ05R2169	GRAB	RMann	08-Jul-05	635359	6486435	CL	Weak	RF												FT	0.0005	0.1	13	66	5	25	0.05	4	chl alt'd frags in a coarse soft lapilli tuff.
KZ05R2171	GRAB	RMann	08-Jul-05	635533	6486548	SI	Strong	FL												FT	0.0005	0.1	2	25	22	4	1.23	16	Str sil'd rk w silica and hematr. vein bx in coare r to med lapili tuff.6 m wide but this is the best
KZ05R2172	GRAB	RMann	08-Jul-05	636103	6487209	CY	Detectable	EA												FT	0.008	0.7	13	72	369	213	0.21	1	40cm horizontal zone of rusty cobble size tuff? area weath red browb
KZ05R2173	GRAB	RMann	09-Jul-05	634441	6484828															FT	0.0005	0.1	9	67	19	4	0.01	1	malachit srained, cobble to block tuff. large area of discon malac=50x50m
KZ05R2174	CHIP	RMann	09-Jul-05	634378	6484808															FT	0.0005	0.1	10	91	19	4	0.01	1	50cm chip across strat in a green mama stained ash toff laer, assoc't w a vert n/s cc veined struct in small glly/part of a40x20m sim zone
KZ05R2177	GRAB	RMann	09-Jul-05	634410	6484495	SI	Weak	EA												FT	0.0005	0.1	2	66	188	4	0.07	1	Dk grey blovk or 40 cm+ layrt of feld xtal tuff. nearby blocky tuffs and lapilli tuffs, 20x20 m resrstant area.
KZ05R2178	GRAB	RMann	09-Jul-05	634401	6484432	CY	Moderate	EA												FT	0.039	1.3	5	60	6730	8	0.18	17	Malach stainred, clayish lapillu or blocy goossanous tuff. local malachit onlr bot 20m of lightclay
KZ05R2179	GRAB	RMann	09-Jul-05	634374	6484334															G	0.003	0.1	2	81	98	5	0.01	1	A stock/dyke of resist dk grey feld,hb, mag, bladed hem intr. dk grren/grey fresf, lt green feld, . comprises part of thrblk knons/spires. wt suite
KZ05R2180	GRAB	RMann	09-Jul-05	634374	6484340	CY	Weak	SP	SI	Weak	FL									FT	0.0005	0.1	1	65	138	19	0.52	11	Tan rusty zone 5 mfrom intr. most primarytext destrored butthink it isvolc
KZ05R2181	GRAB	RMann	09-Jul-05	634518	6484335	SI	Weak	EA				PY	1	DS	FG					F	0.0005	0.1	2	47	387	8	0.02	1	rusrt tan oc in dry gullry, weakri6 sil'd in string. more massine flows w occassional blocks, feld phenos
KZ05R2182	GRAB	RMann	09-Jul-05	634556	6484155	CY	Strong	EA	MS	Moderate	EA									FT	0.0005	0.1	1	41	57	2	0.34	1	Tan largerounde oc, green colored soft min prob ms. 50x50m area of this color. seerep. fine lithic lapilli tuff.
KZ05R2183	GRAB	RMann	09-Jul-05	634550	6484177	SI	Moderate	EN	CY	Weak	EA									FT	0.0005	0.7	9	47	47	21	1.37	10	1m high resist knob w lovalized silic'd bands with b & w coloration. rest of rock is wk clay. minor dk vfg string throughout.
KZ05R2184	GRAB	RMann	09-Jul-05	634660	6484150	SI	Moderate	RM												FT	0.0005	0.1	2	65	71	3	0.02	1	silica flooded fragmetal rock,thst looks like ithas vesicularlapilli, poss um? but likrly lap tuff. odd looking. in cliffs 10m east of cr, loc;n approx.
KZ05R2185	FLOAT	RMann	09-Jul-05	634661	6484150	SI	Complete	FL												FT	0.002	0.1	6	12	32	160	0.27	8	on cl9ff 10m east of creek, poss veib or complete replacement of tuff.
KZ05R2215	FLOAT	RMann	20-Jul-05	621181	6503324	CY	Weak	SP												G	0.007	0.1	5	5	5	7	0.02	1	V rusty weath, tan to white fr, kaol? altered feldspars in a feld phyric intrusive conprising mcuh of the bowl.
KZ05R2216	FLOAT	RMann	20-Jul-05	621180	6503320	CY	Detectable	SP				PY	0.5	DS	FG					G	0.002	0.2	10	29	3	4	0.01	1	Rusty weath, grey/white fr, qtz feld phyric intr with py.
KZ05R2217	GRAB	RMann	20-Jul-05	622225	6507171															SSWM	0.014	0.1	3	68	28	14	0.02	4	Med to dk grey fresh, poorly sorted lithic sandstone/greywacke, 5m N from the mineralized E-W trending zone Equity sammpled.
KZ05R2221	GRAB	RMann	22-Jul-05	621600	6506050	CB	Weak	FF												I	0.003	0.2	9	99	146	29	0.11	3	Rustymaaive to locally bx;d(fe-carb) aphyricflow ?. 10mwide zone adj to tuff volc.
KZ05R2223	CHIP	RMann	22-Jul-05	621603	6506281	SI	Detectable	FF												G	0.0005	0.1	6	46	13	32	0.11	1	Greenish tan wea crumbly feld hb phyric intr. 25cm chip 2m into fw of steeply dippin 0.2-1m wide qtz vein bx zone. 25m long+, lots internal 1 phase hydrobx w some rotation. Photo. strike =240. Alt'd zone is ~5m wide. Secod par zone 20m north.
KZ05R2224	GRAB	RMann	22-Jul-05	621751	6506340															IT	0.002	0.1	4	94	167	3	0.05	1	Dk green unaltered lapilli tuff 6m upslope from a rusty zone in samerock. Mix of 1 cmsubabg laii anf sand sized ah?
KZ05R2227	GRAB	RMann	22-Jul-05	621756	6506507															G	0.001	0.1	12	12	1	7	0.02	1	White earh,wkresestat, fg hb diorite dyke. 2m wide in midst of black ms/sst. strike=320.80
KZ05R2228	GRAB	RMann	22-Jul-05	621785	6506563															PBA	0.004	1.2	43	189	65	101	0.02	7	Brown weath, 1-5 sm sed bx w minor, sandy, matrix, sub rorded to ang frags, poos sed bx'n process. float of thisoer 50m to east. prob 5m thick horizon.

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

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration Type	Dominant Alteration Intensity	Dominant Alteration Style	Secondary Alteration Type	Secondary Alteration Intensity	Secondary Alteration Style	Mineral 1 Type	Mineral 1 %	Mineral 1 Style	Mineral 1 Size	Mineral 2 Type	Mineral 2 %	Mineral 2 Style	Mineral 2 Size	Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05R2229	GRAB	RMann	22-Jul-05	621770	6506573	SI	Moderate	RE												PBA	0.004	0.3	13	440	28	42	0.07	1	1.5m wide whitevweath sed bx. 15 m sw of 2228. sil'n appears to x-cut the strat. sil'd lt grey mztrx and either white tr clay alt'd frsgs or ang sil'd frsgs. Burried to nw undr grass. thus pos greater than.1.5m
KZ05R2230	GRAB	RMann	22-Jul-05	621779	6506631	SI	Strong	FL												S	0.001	0.1	22	29	3	1	0.01	1	grey str sil'd sed, 2-10mm replaced bands. prito= ss..2x3m resistant o/c. bedingpos extrenrlt tiled, vert.
KZ05R2231	FLOAT	RMann	22-Jul-05	621711	6506693	SI	Moderate	RM												S	0.0005	0.4	10	129	3	4	0.05	1	bimodal sil8ca stock? w grey remnant sed or intr frags. look like poss br4cciation f thr sil8ca veins also. subcrop. 20 x20m of it in talus. al0ngstrike from 2230
KZ05R2232	FLOAT	RMann	22-Jul-05	621701	6506703	SI	Strong	RM	CY	Weak	RE									S	0.002	0.1	9	481	6	26	0.03	1	Minor float f brorn pourous greenish rock w cla veinlets and pods as well as ar9ns9lca matrix. notvuggy throuout. poss int host. Bx. see photo . and r4p.
KZ05R2233	GRAB	RMann	22-Jul-05	621815	6506691															S	0.001	0.6	5	108	15	12	0.01	1	white weath, cg subroded ss.alost cong locally. represebts ~25m wide bed.
KZ05R2234	GRAB	RMann	22-Jul-05	622240	6507143															SRC	0.011	0.2	6	71	40	19	0.01	1	Fresh fine cong w clasts up to2 cm but ave 4mm. no bedong.. typ of 10x19m area.
KZ05R2235	GRAB	RMann	22-Jul-05	622241	6507133	SI	Moderate	SE				PY	2	DS	MG	TT	0.2	<V	FG	S	0.926	2.2	25	79	37	10000	0.04	56	25 cm zone of rusty weath, pyritic and sil'd seds w minor qtz, py, tt or blk sulph veinlets. barren on either side, even 5 cm away. at 276525
KZ05R2236	GRAB	RMann	22-Jul-05	622242	6507133															S	0.049	0.6	8	76	27	489	0.02	4	Med gr ss w minor pebbles to 1 cm. gre brn colorfr. 1m above eqity sample. unaltered.
KZ05R2237	GRAB	RMann	22-Jul-05	622241	6507133	CY	Detectable	RF												S	0.016	0.6	5	97	49	357	0.02	3	Brn grey fg-mg ss w 20% sub ang pebbles. tr clay in/on somepebbles, or frags, not a bx. 2m down hill from eqity samp.
KZ05R2238	GRAB	RMann	22-Jul-05	622379	6507106															S	0.016	0.3	8	72	41	13	0.02	1	sample taken ~14m above eqity samp. mg brownish ss w 15% 8mm subrounded pebbles. unaltered.
KZ05R2239	FLOAT	RMann	22-Jul-05	619353	6499517	SI	Moderate	EA				PO	5	PA	FG					S	0.005	0.6	10	102	74	50	0.02	2	mottledbtextured grey rock w blebs,patchesvand string of po. prob sed protolith. not typical of slope. rare.
KZ05R2241	FLOAT	RMann	22-Jul-05	619340	6499517	SI						PY	2	DS	MG	MT	2	DS	MG	UNKNOWN	0.001	1	223	17600	82	28	0.83	152	White (tremolite or wollastinite) and black pepper speckeld skarny rock. Black is py and mag. Rare. Only one I saw. Subrounded but possibly from above cliffs.
KZ05R2243	GRAB	RMann	23-Jul-05	634391	6485752	CB	Weak	EA				CP	0.2	BB	MG	PY	0.1	ST	FG	FT	0.001	0.1	5	263	213	3	0.23	5	Budd colred scoured outcrop with ccveinlets and tr sulphies. poss sulphide zonetoo zone above. rouned boulders ind poss bx or block ash flow. Fe xarbalt'n mayexpli=ain brn veinlets above
KZ05R2244	GRAB	RMann	23-Jul-05	634403	6485861							PY	1	BB	FG					G	0.003	0.3	5	1065	98	50	0.43	33	buff vfg intr rhat may be a sill encapulating well beded ss and msbesds immediar above. seds are 040/20 in 2 large blocks here
KZ05R2246	GRAB	RMann	23-Jul-05	634418	6485995	CY	Detectable	PA												U	0.003	0.2	6	69	220	31	1.46	31	buff fr 3 m wide vert zone od rel resisr rock w brown veinlets in sim orient. feox or? minor white claycoatings. green sruh volc above.
KZ05R2262	GRAB	RMann	25-Jul-05	628544	6481240	CH	Weak	SP												G	0.0005	0.1	6	50	2	4	0.02	1	Weakly altered (unk) biege to tan rock w minor remnant intr textures. Taken in between (>10m) qtz vein zones in country rock.
KZ05R2263	GRAB	RMann	25-Jul-05	628630	6481230	CH	Weak	SP												G	0.001	0.1	2	34	41	1	0.02	1	Mottled green and salmon weakly altered (k-spar? and chl?) intrusive. Taken 10m + from mineralized samples in Qtz vein.
KZ05R2264	GRAB	RMann	25-Jul-05	628650	6481241															IT	0.0005	0.1	3	76	1	2	0.005	1	Tan to beige volcanic (poss flow bx or pyroclastic with minor hematic staining and fracture linings. Taken >5m from mineralized qtz vein samples of YT.
KZ05R2266	GRAB	RMann	13-Aug-05	649246	6473603	CB	Strong	FL												I	0.008	0.1	1	52	97	8	0.06	1	22m wide orange weath fe- carb (cc) aleration zone. some slicks ind flts. loc in cr o/c. samp from sobcrop and is thr str altd w cc veins.
KZ05R2267	GRAB	RMann	13-Aug-05	649242	6473554	CB	Detectable	FL												I	0.008	0.1	1	62	57	5	0.04	1	Green andesite to basaltic flow bxw some cc infill as matrix. Taken to see if ay bleeding from zone to ne.
KZ05R2268	GRAB	RMann	13-Aug-05	649327	6472739	SI	Moderate	PA				PY	2	ST	FG					S	0.0005	3.8	5	406	9100	4450	1.31	175	5m wide (true) zone of sil'n and tanwearh w 2-4% fg dis's & string og py w mala & az. Sil'n also, text destr, some veining. Poss sed and poss fold hinge. Sst on w side, 5m recess zone on eside, sst eastwed @260/40.
KZ05R2269	FLOAT	RMann	13-Aug-05	649165	6471897	CY	Weak	RM												FT	0.0005	0.2	19	26	35	19	0.17	2	Beige felsic?tuff w heterol frags ave 8mm. usu subrouded. As float in cr. Otherv olc float starts here, lots could be sub aerial ! cret. Variety. Wk flatening developed in some.
KZ05R2271	FLOAT	RMann	13-Aug-05	649110	6471041	CY	Moderate	PA												U	0.001	0.1	1	5	2	1	0.05	1	Tan to beige weathfloat in drycr gully. Clay alt'n as 1 cm pods & as impure clay pervasively throughout. Poss andes host. Rare. Mosity tan/orange fe-carb rocks. samp is ang.
KZ05R2272	FLOAT	RMann	13-Aug-05	649118	6471008	SI	Strong	EA												U	0.0005	0.1	1	2	3	1	0.02	1	Cuff white boulder w str si.8ca alt and pure qtz on one face. Contains 0.4% black platy hem as blebs and veinlets.
KZ05R2273	FLOAT	RMann	13-Aug-05	649155	6470993	CY	Strong	EA	SI	Detectable	PA	EN	1	<V	FG					U	0.0005	0.1	1	9	3	1	0.005	1	white cobble odperv clay al'd rock w str ob black metallic. poss hem, en, or ox'd py. 6 pieces of float ver20m w variableclay& black met.Poss clayalt'n of feld only.
KZ05R2274	FLOAT	RMann	13-Aug-05	649507	6470704	CY	Weak	EA												U	0.0005	0.1	1	11	1	3	0.01	1	White fr, tanweath, fl. Clay is in matrix ofwhat looks intr and str as repl of feld?. uncommon, ut =5% of skope.
KZ05R2277	FLOAT	RMann	13-Aug-05	649503	6470706	CB	Strong	EA												U	0.002	0.1	1	67	19	1	0.03	1	Typicalnof 50% oftalus onskope. Fe-carb alrd matic? volc? Cc weatg out on surf. some o/c nearby but nothing to explain s9l9a, but fe-carb
KZ05R2278	FLOAT	RMann	14-Aug-05	648676	6473959	CY	Weak	PA	CB	Detectable	PA									I	0.008	0.1	6	161	47	113	0.57	4	Buff weath, ltgreyfresh, ang float from above. Clays are throut but somesilica and much fe brn veinlets overprint. Photo.Tons of fine networkedveinlets of oxide. Rep's 8 % oftalus here.
KZ05R2279	FLOAT	RMann	14-Aug-05	648678	6473961	CB	Strong	EA				PY	1	DS	FG					I	0.001	0.1	1	15	96	8	0.02	1	Tan/orange weath, lt grey fr fe-carb alt'd bas/and?. Represents ave rock on talus slope from gossan above. Photo.
KZ05R2280	FLOAT	RMann	14-Aug-05	648580	6474049	SI	Complete	EA												I	0.001	0.1	1	17	11	28	0.05	1	1.5 mwide zoneof cc(65%)/qtz(35%) veining. Samp isflost2 mbelow w mala, az +/- py, cpy? along selvades. 1.5 m wide is 50% 20 -40 cm thick veins at 240/80.
KZ05R2281	GRAB	RMann	14-Aug-05	648124	6474089	CB	Strong	RM	CY	Detectable	RF									PBA	0.0005	0.1	1	21	34	180	0.19	6	Good hydrothbx over 2mina tan/orange oc in gully. Poos first sil andclay phasr affecting frags and them cc phase brecciating all..Term of dk geey veinlrts in frags but no good sulphides.
KZ05R2282	FLOAT	RMann	14-Aug-05	647995	6474074	CY	Detectable	EA												I	0.001	0.1	1	67	97	156	1.53	16	Dark rusty wearh, w str ocidation prod leached rock from poss rotted sulph and poss tr clay.rep's 5% of semi-gosanous talus over 25m.
KZ05R2283	GRAB	RMann	14-Aug-05	647819	6474085	CH	Weak	EA				PY	0.1	DS	FG					I	0.0005	0.1	1	82	53	5	0.03	1	Rusty andesite flows? to massive. Typical of much of 50x50m area. Typical greenschistmeta'mbutmaybe hydrothermal.
KZ05R2284	FLOAT	RMann	14-Aug-05	647891	6473944	SI	Moderate	FF	CY	Weak	PA									U	0.001	0.1	1	22	8	25	0.13	1	tan/orange weath float w leaching. Remnant siluca matrix andvugs w yellow/green wedgy to pointed x-tals of unknown mineral. Rare in talus by gd rk.
KZ05R2285	FLOAT	RMann	15-Aug-05	639736	6499116	CY	Weak	EA	SI	Weak	EA									G	0.0005	0.1	4	41	4	15	0.11	1	Wk bx'd small boulders ofang local float in talus. Feld porphy intr w l9monite patvhes, sil9c'n of gmass and xlay alt'n of feld. 10 % of 15m l0ng talus slope.
KZ05R2286	FLOAT	RMann	16-Aug-05	639671	6499736	CY	Moderate	EA	SI	Weak	SE									G	0.001	0.1	2	54	8	2	0.04	1	Talus from cliff 10m above, l0cal. Mod clay alt'n of feld and v wk in g-mass. Also 1cm siliceous grey bands crosscuttong rocks, veinlike. 25m talus slope is tis style but weaker.
KZ05R2287	GRAB	RMann	16-Aug-05	640394	6499868	CY	Moderate	RM												FT	0.0005	0.1	2	50	14	3	0.03	2	10 cmlayer of lapilli and black ash. lapilli areag and clay alter'd. Could bea mudstone w lapilli also.or poss bx'd. in a\4mthick ms orash seq. poss seds or distal volc. Steep dipping and irre. folded or faulted? 110/80

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

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration Type	Dominant Alteration Intensity	Dominant Alteration Style	Secondary Alteration Type	Secondary Alteration Intensity	Secondary Alteration Style	Mineral 1 Type	Mineral 1 %	Mineral 1 Style	Mineral 1 Size	Mineral 2 Type	Mineral 2 %	Mineral 2 Style	Mineral 2 Size	Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05R2288	FLOAT	RMann	16-Aug-05	640377	6500031	SI	Moderate	PA	CY	Weak	FF									F	0.001	0.1	24	12	1	5	0.68	1	30 cm wide boulders od siliceoes material. Float but from slope above. Rare. Clays mixed in alongfractures?
KZ05R2289	GRAB	RMann	16-Aug-05	640445	6500094	CY	Moderate	EA												G	0.0005	0.1	9	61	15	7	0.19	2	Clay alt'n of feld and wk in gmass of feld, biot/hb? phyric intr. Reoresers a 5m area at base of cliff of stronfeststlteration so far along cliff. restisnt alt'd much.
KZ05R2290	FLOAT	RMann	16-Aug-05	640465	6500178	CY	Moderate	PA												G	0.0005	0.2	7	48	0.5	4	0.18	1	Taken to test aster. mod to str clay infels, fract, pods and gmas. 5% of tlus slope over 25m has some clay.
KZ05R2291	GRAB	RMann	16-Aug-05	640458	6500281	CY	Detectable	EA				PY	0.3	DS	MG					G	0.001	0.2	21	31	5	25	0.04	2	Wk altered, str weath feld porphyr w some pt amd lim. End of ridge and o/c amongst taus below.
KZ05R2292	FLOAT	RMann	16-Aug-05	640549	6499948															G	0.001	0.1	24	40	2	41	0.38	1	Mottled grey & white sub ang boulder in dirt slope5 m from cliff. Poss weath sulphides causing grey. Feld phenos along edge, thus prob intr. epe=28m.
KZ05R2293	GRAB	RMann	17-Aug-05	638883	6499958	SI	Weak	EA				PY	2	DS	FG					FT	0.0005	0.1	13	9	11	21	0.06	1	Tan/brown weath 20x5m ocw incr sil'n and decr clays. Pyis localy networked in fine str. Common musc. Rk is ash/lapullituff @ 230/22. Volc over <100m area.
KZ05R2294	GRAB	RMann	17-Aug-05	638841	6500087	CY	Weak	RF												FT	0.0005	0.1	29	6	5	32	1.01	1	Tan weath wk clay alt'f lapilli tuff w some juvenile lapilli and lihics. well definec layers @280/30. 12mthickseqenceexposed.
KZ05R2296	FLOAT	RMann	17-Aug-05	638439	6501182	CY	Moderate	SP												G	0.01	0.2	17	17	3	8	0.16	1	tan colored ang float in cr (<10m fromsource). Str clay alt'n of rem ogenos and some pods of semi-massive clay ro 1cm. Proto isfels=porpr.
KZ05R2297	FLOAT	RMann	17-Aug-05	637962	6501203	CY	Weak	SP												G	0.0005	0.1	19	45	1	664	0.5	1	Tan weath/fr, str oxid, feld porph w significant limOnite and prob clays in deld and pods,. 5% of talus here l9ke this. 25% has some bleaching+/- clays.
KZ05R2298	FLOAT	RMann	17-Aug-05	637915	6500972	CY	Weak	SP												G	0.0005	0.1	3	67	12	15	0.22	1	Buff 9nyt float w clay repkacement of feldphenos. Typical of 50% of this hill.
KZ05R2299	GRAB	RMann	17-Aug-05	638340	6500162															FT	0.0005	0.1	15	27	11	17	0.02	1	Lapilli ufffromm a 20m thick sequence of tuffaceous volc. Wearhered butdon't seeany clays. Qtz and biot/musc phenos. Avs 60cm layers.
KZ05R2302	FLOAT	RMann	25-Aug-05	621789	6506581															SSLB	0.003	0.1	9	32	17	20	0.02	1	Several horizons of this coarse ss in area. Would make a good permable host.
KZ05R2303	FLOAT	RMann	23-Aug-05	634336	6485595	SI	Weak	EN												U	0.057	0.4	4	8	5	40	0.01	1	Strongly qtz veined/stockworked 35 cm weakly sil'd subrounded boulder on top of ridge. Prob not local. No others like it in vicinity.
KZ05R3001	GRAB	YThornton	14-Jun-05	607218	6509430	SI	Moderate	EA				AP	40	VN	CG					GSM	17.45	25.6	955	2080	142	10000	0.09	1675	
KZ05R3002	GRAB	YThornton	14-Jun-05	607359	6509412	SI	Weak	EA				PO	1	SO	VFG					GSM	0.044	0.3	14	68	7	275	0.01	1	
KZ05R3003	FLOAT	YThornton	14-Jun-05	607403	6509454	SI	Detectable	SP				PY	1	DS	VFG					UNKNOWN	0.307	0.6	32	68	6	6130	0.01	26	possible calcite alteration throught
KZ05R3004	FLOAT	YThornton	15-Jun-05	614404	6508916	CL	Weak	EA												G	0.009	0.1	17	70	9	34	0.01	1	talus below bluff, local
KZ05R3005	GRAB	YThornton	15-Jun-05	613607	6509435	CL	Weak	EA												SRBW	0.025	0.6	10	97	80	216	0.21	1	
KZ05R3006	GRAB	YThornton	18-Jun-05	621009	6504398	SI	Detectable	FL				PY		DS	VFG					SAS	0.01	0.2	4	96	39	87	0.01	1	
KZ05R3007	FLOAT	YThornton	18-Jun-05	620879	6504390	SI	Detectable	EA				PY	1	CL	VFG					UNKNOWN	0.004	0.2	22	34	4	38	0.01	1	
KZ05R3008	FLOAT	YThornton	18-Jun-05	620908	6504297	SI	Detectable	RE												GSM	0.003	0.1	2	78	9	41	0.005	1	
KZ05R3009	FLOAT	YThornton	18-Jun-05	620982	6504235	IL	Moderate	FL				PY	1	CL	FG					I	0.007	9.7	1345	157	83	27	0.89	1	
KZ05R3010	FLOAT	YThornton	18-Jun-05	621463	6503796	CB	Moderate	FL						DS						SCCK	0.002	0.3	16	87	5	48	0.09	1	
KZ05R3011	FLOAT	YThornton	18-Jun-05	621426	6503696	SI	Moderate	FL				PY	1	CL	VFG					UNKNOWN	0.008	0.9	32	16	5	72	0.04	1	
KZ05R3012	FLOAT	YThornton	18-Jun-05	621151	6503855	SI	Detectable	FL				PY	1	DS	VFG					UNKNOWN	0.003	0.1	5	28	2	19	0.005	1	
KZ05R3013	FLOAT	YThornton	18-Jun-05	621072	6503885	KL	Strong	FL												UNKNOWN	0.027	0.3	12	20	17	20	0.02	1	
KZ05R3014	FLOAT	YThornton	19-Jun-05	611739	6506591	CY		EA												IT	0.003	0.1	4	40	2	15	0.01	1	EDDGE OF DYKE,IN DYKE ?
KZ05R3015	FLOAT	YThornton	19-Jun-05	611876	6506777	CY		EA												IT	0.003	0.1	4	27	8	14	0.01	1	VERY WEATHERED SOFT SM PIECES,NO OC VISIBLE.
KZ05R3016	GRAB	YThornton	19-Jun-05	612069	6506916	CY		PA												SRB	0.034	0.1	51	102	96	14	0.01	1	
KZ05R3017	GRAB	YThornton	19-Jun-05	612292	6507120															SS	0.005	0.1	9	67	19	25	0.05	1	
KZ05R3018	GRAB	YThornton	19-Jun-05	612581	6507433	CB	Strong	EA												UNKNOWN	0.0005	0.1	6	24	12	19	0.44	1	
KZ05R3019	GRAB	YThornton	19-Jun-05	613115	6508089	CB	Weak	FF						MA						G	0.002	0.1	15	50	4	7	0.04	1	RUSTY IN MATRIX.
KZ05R3020	GRAB	YThornton	19-Jun-05	612553	6508066	CB	Weak	EA				PY	1	CL	VFG					UNKNOWN	0.001	0.1	3	38	190	8	0.01	1	RUSTY IN MATRIX.
KZ05R3022	FLOAT	YThornton	19-Jun-05	612219	6508126	SI	Moderate	RF				PY	1	PV	VFG					UNKNOWN	0.015	1.1	950	726	38	34	3.58	3	
KZ05R3023	FLOAT	YThornton	19-Jun-05	612227	6508133	SI	Moderate	FL				PY								PBA	0.024	0.8	158	115	32	42	0.8	1	
KZ05R3024	FLOAT	YThornton	20-Jun-05	613796	6502844		Weak	PA												I	0.009	0.8	38	32	21	159	0.06	1	WEAKLY ALT WIND TABLE RUSTY AND WEATHERED,RUNNING ALONG FAULT. 3x3m.
KZ05R3025	GRAB	YThornton	20-Jun-05	614091	6503106	CY	Detectable	SP												PBR	0.0005	0.1	17	48	11	28	0.02	1	BRECCIA SPIRE, RUSTY THROUGHT. SOME SM SEDS IN MATRIX. LRG CLASTS OF ALTERED WINDY TABLE.
KZ05R3028	GRAB	YThornton	20-Jun-05	614078	6503094		Weak	PA												SRB	0.019	0.8	78	31	9	248	0.36	10	SEDS IN BRECCIA WITH WINDY TABLE 3x2m O/C
KZ05R3029	FLOAT	YThornton	20-Jun-05	614123	6503365	CB	Weak	FF				CP	1	DS		SP	4	BB	FG	UNKNOWN	0.482	569	20000	130000	5560	5260	14.45	1145	RDYKE? MINERALIZED ZONE 10x10m
KZ05R3030	FLOAT	YThornton	20-Jun-05	614326	6503186	SI	Weak	RF												UNKNOWN	1.145	3260	22700	749	3630	10000	3.12	4570	FRACTURE FILLING OF BRECCIA? ROTTEN MATRIX LT GREEN YELLOW ON FRACTURE FACES RUSTY WEATHERING 1% OF SLOPE WITH FLOAT 20x100m LAST SAMPLE WAS NOT A DYKE 3029
KZ05R3031	FLOAT	YThornton	20-Jun-05	614326	6503186	SI	Moderate	FF				CP	1	CL	VFG					PBR	0.109	285	4000	899	1655	5650	0.59	437	ENARGITE?
KZ05R3032	GRAB	YThornton	20-Jun-05	614251	6502862		Detectable	FL												PDS	0.014	31.4	1240	419	69	539	0.21	39	CONTACT BETWEEN SEDS AND WIND TABLE?
KZ05R3033	GRAB	YThornton	20-Jun-05	613451	6502679	CY	Detectable	EN												PBA	0.007	4.2	77	116	28	176	0.14	5	2m WIDE BAND OF RUSTY ALTERED RCK 25% SEDS THE REST WINDY TABLE. SOME CLASTS ALTERED TO CLAY. ZONE IS ABOUT 10m LONG AND CUT OFF BY A POSSIBLE FAULT ON THEEAST EDGE. POOR SAT RESEP 28m ACC.
KZ05R3036	FLOAT	YThornton	22-Jun-05	605051	6511733	SI	Detectable	RM				PY	1	MA	VFG					UNKNOWN	0.003	2.8	20	77	166	25	0.03	1	POSSIBLE BRECCIA SILICIFIED IN MATRIX(DRARK GREY) SOME BLEEBS OF CLORITE 1% POSSIBLE SUB CROP
KZ05R3037	FLOAT	YThornton	22-Jun-05	605132	6511577	SI	Moderate	RM	CB	Moderate	EN									PBA	0.001	5.2	306	334	41	19	0.6	5	FLOAT IN SMALL MORAINE 5x60m FOUND ONLY ONE PIECE STILL LOTS OF SNOW CALCITE ENVELPOES FRAGMENTS QUARTS IN VEINS
KZ05R3038	FLOAT	YThornton	22-Jun-05	604850	6511527	SI	Moderate													UNKNOWN	0.004	1.3	13	66	152	22	0.03	1	DRK MATRIX FINE TEXTURE LGT GREY CLASTS UNEQUAL SZ FINE TEXTURE CALCITE STINGERS RUNNING THROUGH BOTH O/C SIMULAR BUT CLASTS NOT AS DEFINED ONLY FOUND ONE PIECE ON 20x20m SLOPE
KZ05R3039	GRAB	YThornton	22-Jun-05	604701	6511549	CB	Moderate	RE												UNKNOWN	0.004	1.1	12	43	45	60	0.01	1	REPLACEMENT OF SULFIEDS W/CALCITE
KZ05R3040	FLOAT	YThornton	22-Jun-05	604543	6511612	SI	Moderate	PA	CB	Weak	RE	AP	50	SO	FG					UNKNOWN	0.092	11	1390	5860	120	10000	0.05	77	FLOAT ON MORIANE MINERAL CRYSTALS WEATHER TO A DARK SHINEY BLUE CALCITE IN MATRIX
KZ05R3049	GRAB	YThornton	25-Jun-05	599275	6504841															SRBW	0.0005	0.7	8	48	54	38	0.04	1	5x7m O/C
KZ05R3052	FLOAT	YThornton	25-Jun-05	599329	6504812	SI	Moderate	RE												UNKNOWN	0.0005	0.1	13	43	6	13	0.01	1	ONE PIECE OF FLOAT ON TOP OF BRECCIA O/C 10x10m AREA
KZ05R3053	GRAB	YThornton	25-Jun-05	599499	6504755	SI	Weak		CY	Detectable										SSHF	0.0005	0.1	20	37	7	38	0.01	1	DIPPING WEST SLIGHTLY FOLDED CLAY ALT INTERBEDDED

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	Intensity	Style	Type	Intensity	Style	Type	%	Style	Size	Type	%	Style	Size									
KZ05R3054	GRAB	YThornton	25-Jun-05	599854	6504814	CY	Moderate	PA				PY	1	CL	VFG					FE	0.0005	0.2	23	21	5	24	0.005	1	SAMPLE TAKEN ON A STRUCTURE
KZ05R3055	GRAB	YThornton	25-Jun-05	599993	6504896	SI	Moderate	FF				GA	1	CL	VFG	PY	1	CL	VFG	UNKNOWN	0.004	61.2	25200	2090	1755	38	0.06	8	20cm WIDE VIEN BRECCIA CLORITE 5%
KZ05R3056	GRAB	YThornton	25-Jun-05	601648	6504386	SI	Weak	EA												UNKNOWN	0.007	0.4	138	23	13	128	0.005	1	Felsic Dyke
KZ05R3057	GRAB	YThornton	25-Jun-05	601238	6504099	SI	Weak	EA				PY								F	0.0005	0.3	117	26	21	37	0.005	1	
KZ05R3058	GRAB	YThornton	25-Jun-05	601137	6503982	CY	Strong	EN												UNKNOWN	0.0005	0.8	63	151	90	62	0.01	1	POCKET OF CLAY ALT IN ROCK BESIDE FELCICE DYKE RK VERY RUSTY POCKET 5x5 cm
KZ05R3059	GRAB	YThornton	25-Jun-05	601115	6503823	SI	Strong	FF				PY	20	MS	VFG					UNKNOWN	0.006	0.3	19	20	54	212	0.005	1	90cm WIDE QUARTZ VEIN
KZ05R3060	GRAB	YThornton	29-Jun-05	635285	6491580															F	0.0005	0.1	6	53	10	2	0.005	1	
KZ05R3061	GRAB	YThornton	29-Jun-05	635398	6491651	CB	Detectable	EN												UNKNOWN	0.0005	0.1	110	119	6	3	0.01	1	RUSTY SOFT WEATHERED RK
KZ05R3062	GRAB	YThornton	29-Jun-05	635642	6491987															FE	0.004	0.1	13	66	11	1	0.005	1	CLORITE,AND LARGE BIOTITE
KZ05R3063	FLOAT	YThornton	29-Jun-05	635710	6492195	CY	Detectable	PA												FE	0.001	0.1	23	59	15	18	0.41	5	LEISGANG TEXTURE RUSTY ALT BIOTITE MOSTLY GONE
KZ05R3064	FLOAT	YThornton	29-Jun-05	635621	6492260															UNKNOWN	0.0005	0.1	1	20	46	1	0.01	1	BLK BLADED CRYSTALS 4-5cm LONG WHITE MATRIX BARITE? 1PIECE OF FLOAT IN 10x 10m
KZ05R3065	FLOAT	YThornton	29-Jun-05	635505	6492254	CY	Detectable	EA												UNKNOWN	0.0005	0.1	11	29	9	6	0.05	1	BUFF WHT W RUST ALT SLOPE COVERED W ALOTOF SNOW
KZ05R3066	GRAB	YThornton	29-Jun-05	635233	6492504	CY	Detectable	EA				PY	1	SO	VFG					SAS	0.006	0.1	13	31	6	3	0.02	1	SM CLORITE? ALT CLASTS
KZ05R3067	GRAB	YThornton	29-Jun-05	634965	6492668	SI	Detectable	FL												UNKNOWN	0.001	0.1	8	29	6	2	0.01	1	
KZ05R3068	GRAB	YThornton	29-Jun-05	635377	6492791	CY	Weak	EA												S	0.003	0.1	14	57	22	22	0.005	1	FINE GRAINED SED
KZ05R3069	GRAB	YThornton	29-Jun-05	635032	6493008	SI	Weak	FL				PY	1	DS						FE	0.004	0.1	26	32	6	58	0.01	3	FAULT SHALE ON OTHERS(DE OF GULLY
KZ05R3070	GRAB	YThornton	30-Jun-05	629813	6481139	SI	Detectable	EA				GA	1	CL	VFG					UNKNOWN	0.004	0.1	7	52	8	5	0.01	1	THORN STOCK? WEATHERS PURPLE
KZ05R3072	GRAB	YThornton	30-Jun-05	629408	6481282															F	0.001	0.1	7	97	23	14	0.02	3	FINE GRAINED GR/GREEN MATRX SM WHT CLASTS
KZ05R3073	GRAB	YThornton	30-Jun-05	628992	6481190	SI	Detectable	EA												UNKNOWN	0.001	0.1	11	27	5	3	0.01	1	GR/GREEN INTRUSIVE? SOME LIESEGANGE TEXT
KZ05R3074	GRAB	YThornton	30-Jun-05	628648	6481229	CY	Moderate	EN												UNKNOWN	0.001	0.1	17	45	7	1	0.01	1	FINE QUARTS STRINGERS IN CLAY ALT
KZ05R3077	GRAB	YThornton	30-Jun-05	628648	6481228	SI	Moderate	FF												UNKNOWN	0.676	0.9	12	5	46	12	0.01	2	ALTERED RCK BESIDE QUARTZ VEIN SOME RUST
KZ05R3078	FLOAT	YThornton	30-Jun-05	628649	6481218	SI	Strong	FL												UNKNOWN	1.025	4	181	46	15	141	0.18	23	VUGGY QUARTZ VEIN 20 TO 50 cm WIDE SOME RUST
KZ05R3079	FLOAT	YThornton	30-Jun-05	628640	6481241	CY	Strong	FL	SI	Moderate	FL									UNKNOWN	0.245	2.4	309	95	15	26	0.57	19	CLAY ALT ALONG VUGGY QUARTZ VEIN SAMPLE CLOSE TO SOURCE S)ME RUST 3mx20m ZONE WITH QUAR Z AND CLAY MOSTLY VUGGY QUARTZ 5% CLAY ALT
KZ05R3080	FLOAT	YThornton	30-Jun-05	628638	6481234	CY	Strong	FL												UNKNOWN	0.019	0.4	45	18	4	6	0.03	3	BUFF WHITE RUSTY WEATHERING FOUND WITH VUGGY QUARTZ 1% OF VEIN. AS PREVIOUS SAMPLE CLOSE TO SOURCE SAMPLE 3078 ALSO CLOSE TO SOURSE
KZ05R3081	FLOAT	YThornton	30-Jun-05	628455	6481002	SI	Moderate	FL												GIMQ	0.008	0.3	7	4	21	1	0.01	1	30x50cm BOULDER QUARTZ VEIN SOURCE UP SLOPE
KZ05R3082	FLOAT	YThornton	30-Jun-05	628441	6480853	SI	Weak	FL	CY	Detectable	SP									GRD	0.001	0.1	6	25	2	4	0.005	5	5% OF 10x10m SLOPE EPIDOTE STRINGERS THROUGHOUT WHITE MATRIX
KZ05R3083	GRAB	YThornton	30-Jun-05	628506	6480742	SI	Moderate	FL												PBA	0.011	0.1	11	11	2	4	0.005	1	VEIN BRECCIA 20 TO30cm WIDE SOME VUGS
KZ05R3084	GRAB	YThornton	02-Jul-05	634403	6485674	CY	Moderate	FL												UNKNOWN	0.009	0.1	1	114	101	70	2.96	25	CONTACT WIITH WINDY TABLE VERY ALTERED
KZ05R3085	FLOAT	YThornton	02-Jul-05	634459	6485700	CY	Moderate	PA												SVA	0.003	0.1	1	154	66	4	1.05	2	CLAY ALT SOME RUST MANGANESE STAIN?
KZ05R3086	GRAB	YThornton	02-Jul-05	634459	6485700	CY	Moderate	PA												ITAA	0.006	0.1	2	125	138	11	0.56	23	PURPLE MATRIX WITH LRG GREEN CLASTS CLASTS SEEM TO BE CLAY ALT O/C 5x10m
KZ05R3087	FLOAT	YThornton	02-Jul-05	634521	6485898	SI	Strong	FL												UNKNOWN	0.002	0.1	1	6	4	15	0.3	7	50x60cm BOULDER TOP OF RIDGE NOT FAR FROM SOURCE NO OTHER FLOAT SEEN IN THAT 10x10m AREA
KZ05R3088	GRAB	YThornton	02-Jul-05	634514	6486217	SI	Moderate	FL				PY	1	CL	VFG					SSYF	0.005	0.1	3	152	185	53	0.84	7	LT GREY FINELY BEDDED, QUARTZ AND GREEN STRINGERS SOME CERT IN O/C
KZ05R3089	GRAB	YThornton	02-Jul-05	634682	6486496	SI	Strong	FL												PBA	0.002	0.1	1	10	20	4	0.86	4	1M HIGH SPIRE OF SI VEIN BRECCIA? SOME RUST
KZ05R3090	GRAB	YThornton	02-Jul-05	634740	6486550	SI	Moderate	FL				PY	1	CL	VFG					PBA	0.004	0.1	2	15	35	13	100	9	BRECCIA 1.5m WIDE STRIKEING 40 deg. ZONE OF ALT 6m WIDE. RUNS ALONG STRIKE FOR ABOUT 80m
KZ05R3091	GRAB	YThornton	02-Jul-05	635074	6486949															UNKNOWN	0.004	0.1	4	44	111	5	0.05	4	PORFERITIC ANDICITE?
KZ05R3092	FLOAT	YThornton	02-Jul-05	635152	6486988	SI	Detectable	FL												PBA	0.001	0.2	3	36	21	3	0.1	1	SED BRECCIA? DRK MATRIX DRK CLASTS
KZ05R3093	GRAB	YThornton	02-Jul-05	635271	6487086	CY	Strong	FL												UNKNOWN	0.005	0.1	6	55	128	9	1.29	21	O/C 50x20m
KZ05R3094	GRAB	YThornton	02-Jul-05	636278	6487479	SI	Strong	FL												SCT	0.001	0.1	7	167	2	1	0.02	1	RUSTY CLIFFS SOME SPIRES
KZ05R3095	GRAB	YThornton	02-Jul-05	635195	6486433															PSB	0.003	0.1	5	87	171	60	0.24	20	
KZ05R3097	GRAB	YThornton	02-Jul-05	635522	6486494	SI	Strong	FL												PBA	0.002	0.1	2	27	18	2	0.52	12	RIB OF SI RCK QUARTZ AND PURPLE VOLCANICS 20cm WIDE 3m LONG STRIKEING 20 deg
KZ05R3098	GRAB	YThornton	02-Jul-05	635734	6486761	SI	Weak	FL				CP	2	CT	VFG					F	0.004	1.9	3	21	1860	6	43.2	102	CLAY ALT ZONE 10x10m CONTACT?
KZ05R3099	GRAB	YThornton	02-Jul-05	635936	6486838	SI	Moderate	FL												PBA	0.002	0.1	2	75	142	2	1.2	5	ALTERED ZONE 10x30m VOLCANICS SOME CLAY AND SI
KZ05R3102	GRAB	YThornton	03-Jul-05	634425	6476325	CY	Detectable	EA												FT	0.004	0.1	14	14	4	10	0.005	1	MED GRAINED BUFF WHT SM CLEAR CLASTS, RUSTY SPECKS SOME SULFIDES
KZ05R3103	GRAB	YThornton	03-Jul-05	634902	6473745															GRD	0.035	0.9	31	24	4	4	0.01	1	GREEN GREY MATRIX SOME RUST WEATHERING
KZ05R3104	FLOAT	YThornton	03-Jul-05	635080	6474292	SI	Moderate	PA	CY	Moderate	PA									UNKNOWN	0.001	0.2	8	15	4	2	0.005	1	PROXIMAL TO SOURCE 15% COV IN 10x0m AREA
KZ05R3105	FLOAT	YThornton	03-Jul-05	635102	6474348	CY	Moderate	PA	SI	Moderate	PA	PY	1	BB	FG					UNKNOWN	0.002	0.2	9	14	4	1	0.005	1	PROXIMAL TO SOURCE
KZ05R3106	FLOAT	YThornton	03-Jul-05	635167	6474478	CY	Moderate	EA	SI	Weak	EA	PY	1	BB	FG					UNKNOWN	0.0005	0.5	31	38	4	1	0.005	1	PROXIMAL TO SOURCE 40% COVERAGE
KZ05R3107	FLOAT	YThornton	03-Jul-05	634717	6475308	SI	Moderate	FF												IA	0.007	0.4	11	29	13	5	0.005	1	
KZ05R3108	FLOAT	YThornton	03-Jul-05	634809	6474305							PY	1	BB	VFG					I	0.0005	0.1	11	114	14	2	0.005	1	FINE GRAINED GREEN MATRIX (CLORITE?) BLEBS OF LT GREEN (EPIDOTE?) ALL MATRIX THE SAME SZ
KZ05R3109	FLOAT	YThornton	03-Jul-05	634721	6474467	SI	Detectable	FL												F	0.004	0.1	22	19	1	13	0.005	1	BUFF WHT MED GRAINED SOME SM QUARTZ EYES RUSTY SPECS
KZ05R3110	FLOAT	YThornton	03-Jul-05	634687	6474656	SI	Moderate	FL				PY	3	BB	VFG					GRQ	0.005	0.2	8	11	8	3	0.005	1	RUSTY BOULDER ON MORAINE FROM GOSSAN ABOVE GLACIER TO SW ONE BOULDER IN 40x 20m AREA
KZ05R3111	GRAB	YThornton	03-Jul-05	634702	6475268	SI	Detectable	FL				PY	2	CL	VFG					GSM	0.0005	0.1	13	78	4	4	0.005	1	O/C JUST ABOVE GOSSAN AREA GREY MED GRAINED DISS PYRITE
KZ05R3112	GRAB	YThornton	03-Jul-05	634716	6475345	SI	Weak	FL				PY	3	CL	VCG					UNKNOWN	0.0005	0.2	22	24	10	4	0.005	1	GOSSAN
KZ05R3113	FLOAT	YThornton	03-Jul-05	634679	6475392	SI	Detectable	FL				PY	2	CL	VFG					UNKNOWN	0.001	0.2	6	10	1	1	0.005	1	GOSSAN WEATHERED BUFF YELLOW LGT GREY MATRIX DISS SULFS O/C 15x5m FLOAT CLOSE TO SOURCE
KZ05R3114	GRAB	YThornton	03-Jul-05	634665	6475429	CY	Strong	FL												UNKNOWN	0.0005	0.1	21	11	4	1	0.005	1	GOSSAN
KZ05R3115	GRAB	YThornton	03-Jul-05	634557	6475410	CY	Moderate	FL				PY	2	CL	FG					UNKNOWN	0.0005	0.2	19	10	3	1	0.005	1	GOSSAN O/C 20x30m
KZ05R3116	FLOAT	YThornton	03-Jul-05	634017	6475193	CY	Detectable	FL	SI	Moderate	FL	PY	2	CL	FG					UNKNOWN	0.0005	0.1	5	7	3	2	0.005	1	RUSTY FLOAT GOSSAN ABOVE SLOPE 10%RUSTY RCKS
KZ05R3117	FLOAT	YThornton	03-Jul-05	633953	6475186	CY	Moderate	PA				PY	1	CL	FG					UNKNOWN	0.0005	0.1	11	61	7	6	0.005	1	FROMGOSSAN ABOVE CLAY ALTERED BLEBS IN MATRIX
KZ05R3118	FLOAT	YThornton	04-Jul-05	647302	6474701	SI	Strong	FL	CB	Weak	FL									UNKNOWN	0.0005	0.2	7	39	7	2	0.11	1	PROXIMAL TO SOURCE MOSTLY SI WEARTHERED RUSTY
KZ05R3119	GRAB	YThornton	04-Jul-05	647264	6474475															M	0.0005	0.1	8	40	80	1	0.005	1	MAFIC W/CLORITE? VOLCANIC?
KZ05R3121	FLOAT	YThornton	04-Jul-05	647405	6474096	SI	Moderate	FL				PY	3	BB	VFG					UNKNOWN	0.0005	0.1	7	26	110	444	0.1	7	PROXIMAL TO SOURCE 6x6m SLOPE 5% OF FLOAT CONTAIN SULFS

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

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	Intensity	Style	Type	Intensity	Style	Type	%	Style	Size	Type	%	Style	Size										
KZ05R3122	GRAB	YThornton	04-Jul-05	647439	6473776	SI	Strong	FL				PY	1	BB	VFG					UNKNOWN	0.0005	0.4	3	11	48	18	0.07	7	LT GRET UNEVEN BANDING THROUGHT SI. PY FLECKS IN SI AND LT GREY BANDS MATRIX THE SAME TEXTURE THROUGHT
KZ05R3123	GRAB	YThornton	04-Jul-05	647552	6473376															IA	0.006	0.1	3	38	117	1	0.02	1	GREY/GREEN MATRIX, ALTERED BIOTITE
KZ05R3124	FLOAT	YThornton	04-Jul-05	647755	6473158	SI	Weak	FL				PY	1	BB	VFG					IA	0.0005	0.1	1	71	75	1	0.02	5	GREY/GREEN FINE GRAINED FINE QUARTZ STRINGERS PY IN MATRIX
KZ05R3127	GRAB	YThornton	04-Jul-05	648124	6473350	SI	Moderate	FL				PY	1	DS	VFG					IA	0.0005	0.1	4	38	173	1	0.01	1	WEARTHERED RUSTY FINE TO MED GRAINED GREY MATRIX
KZ05R3128	GRAB	YThornton	04-Jul-05	648486	6473517	SI	Detectable	FL												F	0.0005	0.1	1	40	34	1	0.005	1	SOFT RCK ALMOST A SHIST GREY GREEN SOME BEDING
KZ05R3129	GRAB	YThornton	04-Jul-05	648534	6473767	CB	Moderate	EN				PO	3	BB	FG					UNKNOWN	0.003	0.3	2	29	570	1	0.02	1	SULFS IN CALCITE AND IN MATRIX MAGNETIC
KZ05R3138	FLOAT	YThornton	05-Jul-05	623598	6489710	CB	Detectable	FL												UNKNOWN	0.0005	0.1	5	111	33	4	0.01	1	DRK PURPLE MATRIX SOME RUST IN FRACTURES CLOSE TO SOURCE 1% OF 10x10m SLOPE
KZ05R3139	FLOAT	YThornton	05-Jul-05	623434	6490021	CY	Moderate	EN												F	0.0005	0.1	9	34	4	1	0.01	2	WINDY TABLE?
KZ05R3140	GRAB	YThornton	07-Jul-05	635623	6495275	CB	Weak	FF												PBA	0.001	0.1	5	66	123	3	0.15	1	SOME LIMESTONE FRAGS CALCITE IN VEINS TIGHTLY GROUPED SM CLASTS
KZ05R3141	GRAB	YThornton	07-Jul-05	635660	6495441	CB	Weak	PA												MT	0.001	0.1	3	65	85	1	0.005	4	POSS COURSE GRAINED MUDSTONE
KZ05R3142	GRAB	YThornton	07-Jul-05	635688	6495658	SI	Detectable													UNKNOWN	0.007	0.1	18	23	11	13	0.52	1	VERY RUSTY ALT RCK POSSIBLE VOLCANICS 2x2m HUMPS IN FLAT AREA
KZ05R3143	FLOAT	YThornton	07-Jul-05	635329	6495841	SI	Moderate	FL	CY	Detectable	PA									PBA	0.009	0.1	30	30	5	1	0.01	1	POSSIBLE VEIN BRECCIA CLAY ALTCLASTS SI SURROUNDING SOME VUGS SULFS WEATHERED OUT ONE PIECE IN 2x2m AREA
KZ05R3144	GRAB	YThornton	07-Jul-05	635648	6496813	CB	Moderate													UNKNOWN	0.0005	0.1	2	20	29	7	0.01	1	FOOTWALL OF 35cm CALCITE VEIN SOME RUST
KZ05R3146	FLOAT	YThornton	07-Jul-05	635700	6496821	CY	Moderate	EN	CB	Moderate	EN									PBA	0.001	0.1	5	39	68	1	0.005	1	CLAY ALT GREENISH REST OF ROCK MAFIC
KZ05R3147	FLOAT	YThornton	07-Jul-05	636580	6495190	CY	Strong	FL												PBA	0.0005	0.1	7	216	11	59	2.21	1	SOME RUST POSSIBLE BRECCIA VERY ALT
KZ05R3148	FLOAT	YThornton	07-Jul-05	636580	6495190	CY	Moderate	FL												FE	0.0005	0.1	16	62	13	1	0.11	1	LT GREEN GREY CLAY ALT IN VERY SM BLEBS
KZ05R3149	FLOAT	YThornton	07-Jul-05	636493	6495305	CY	Moderate	FL												FE	0.0005	0.1	4	41	8	1	0.1	1	LT GREY MATRIX CLAY ALT IN MED SIZED RND CLASTS 200x200m AREA MOSTLY THESE RCKS
KZ05R3152	FLOAT	YThornton	07-Jul-05	636493	6495305	SI	Moderate	FL												SCJ	0.0005	0.1	1	52	10	46	0.19	2	LESS THAN 1% OF 10x10m SLOPE
KZ05R3153	FLOAT	YThornton	07-Jul-05	636531	6495429	CY	Strong	EN												F	0.0005	0.3	5	46	15	1	0.61	1	PROXIMIL TO SOURCE SOME PURPLE RCK LEFT MOSTLY ALT TO CLAY
KZ05R3154	FLOAT	YThornton	07-Jul-05	636737	6495384	CY	Moderate	EN												PBA	0.002	0.1	4	73	12	1	1.65	1	PROXIMAL TO SOURCE PURPLE MATRIX SOME CLASTS CY ALT
KZ05R3155	FLOAT	YThornton	07-Jul-05	636565	6495549	CY	Moderate	EA												UNKNOWN	0.0005	0.1	19	24	2	1	0.15	1	PROXIMAL TO SOURCE RCK VERY ALT AND SOFT NO O/C BUFF WHT AREA 3x30m RUST SPECS THROUGHT
KZ05R3156	FLOAT	YThornton	07-Jul-05	636702	6495671	CY	Strong	FL												F	0.0005	0.1	7	40	1	1	0.02	1	POSSIBLE SUB CROP
KZ05R3157	FLOAT	YThornton	07-Jul-05	636795	6495702	CY	Moderate	EN												F	0.0005	0.1	7	45	13	3	0.07	1	PROXIMAL TO SOURCE
KZ05R3158	GRAB	YThornton	07-Jul-05	636910	6495842	CY	Strong	FL												F	0.0005	0.1	13	9	2	2	0.65	1	FINE GRAINED BUFF WHT MATRIX DRK GREY BLEBS DRK SRINGERS
KZ05R3159	GRAB	YThornton	08-Jul-05	635165	6491321	CY	Detectable	SP												GF	0.0005	0.1	7	47	12	1	0.01	1	WINDY TABLE WEATHERED LIGHT 200x200m SLOPE
KZ05R3160	GRAB	YThornton	08-Jul-05	635376	6491130	CY	Weak	SP	CB	Weak	EN									GF	0.0005	0.2	22	54	7	1	0.01	1	WINDY TABLE SOME CALCITE VEINING RCK WEATHERING LHT
KZ05R3161	GRAB	YThornton	08-Jul-05	635544	6490698	CY	Weak	SP												GF	0.0005	0.1	4	53	8	1	0.005	1	WINDY TABLE DARKER MATRIX THAN LAST TWO SAMPLES
KZ05R3162	GRAB	YThornton	08-Jul-05	634998	6490317															F	0.0005	0.1	8	44	21	5	0.01	1	CONTACT WITH SED BUFF RUST LT GREY MATRIX SOME PY
KZ05R3164	GRAB	YThornton	09-Jul-05	636137	6487232	CY	Moderate	EA												F	0.003	0.1	6	83	95	19	0.25	8	BUFF WHT FINE GRAINED SM WHT CLATS THROUGHOUT WEATHERED INTO BUFF WHT SOIL SOME DRK STRINGERS
KZ05R3165	GRAB	YThornton	09-Jul-05	636194	6487217	CY	Weak	PA	CB	Detectable	PA									PBR	0.005	0.1	3	50	56	53	0.07	3	RND CLATS OF MIXED SIZE POSSIBLY INTRUSIVE MATRIX IS HARD TO SEE, PILLAR LIKE CLIFFS 7mHIGH BY 20m LONG
KZ05R3166	FLOAT	YThornton	09-Jul-05	636174	6487165	CY	Moderate	EA												PBA	0.0005	0.1	15	93	178	8	0.02	18	LT GREY/BROWN CLASTS PURPLE/RED MATRIX CLASTS AND MATRIX SEEM TO BE EQUALY ALT BOTH SOFT FOGGY CAN'T SEE MUCH OF THE SLOPE
KZ05R3167	FLOAT	YThornton	09-Jul-05	636174	6487165	SI	Strong	EA												PBA	0.001	0.1	6	85	82	40	2.65	26	GREY/PURPLE CLASTS SI MATRIX VERY HARD, DRK SRINGERS THROUGHT, CLOSE TO SOURCE 10% OF 10x10m SLOPE
KZ05R3168	GRAB	YThornton	09-Jul-05	636246	6487185	CY	Moderate	PA	CB	Detectable	SP									PBR	0.003	0.3	11	76	41	40	0.1	3	EXTENTION OF SAMPLE #3165 LT BUFF WHT GREY MATRIX VARIALBLE SZ CLASTS
KZ05R3169	GRAB	YThornton	09-Jul-05	636427	6487167	SI	Moderate	EA												SCT	0.009	0.1	5	186	5	3	0.04	1	SM QUARTZ VEINS AND SM DRK STRINGERS THROUGHT CROSS CUTTING
KZ05R3170	FLOAT	YThornton	09-Jul-05	636523	6486995	SI	Strong	EA												PBA	0.001	0.1	4	94	86	13	0.76	38	CLIFFS 50m UP SLOPE MOSTLIKELY SOURCE
KZ05R3172	FLOAT	YThornton	09-Jul-05	636698	6486868	CY	Moderate	EN												F	0.004	0.1	7	164	16	30	0.57	5	2x2m BOULDER CLOSE TO SOURCE PURPLE STRINGERS THROUGHT
KZ05R3173	FLOAT	YThornton	09-Jul-05	634676	6487242	CY	Moderate	EN	SI	Moderate	FF									UNKNOWN	0.0005	0.1	1	50	84	20	0.4	3	10x10m AREA 15% RCK TYPE ANGULAR PIECES QUITE SOFT
KZ05R3174	FLOAT	YThornton	09-Jul-05	634762	6487359	SI	Strong	FF												PBA	0.002	0.1	2	46	76	33	0.84	9	10x10m AREA 5% RCK TYPE
KZ05R3177	FLOAT	YThornton	09-Jul-05	634762	6487490	SI	Strong	FL				PY	1	BB						PBA	0.003	0.1	1	44	34	13	0.49	1	VERY SI ALT C)NTACT WITH SED 30x30cm FLAT BOULDER 1IN 5x5m AEARA
KZ05R3178	FLOAT	YThornton	09-Jul-05	634633	6487106							PY	1	DS						SAF	0.001	0.1	5	46	104	184	0.27	11	ANGULAR FLT CRK GREY 1% IN 5x5m AREA
KZ05R3179	GRAB	YThornton	10-Jul-05	634158	6499719															UNKNOWN	0.0005	0.1	1	88	39	5	0.02	1	MAFIC VOLCANIC SM AMOUNT OF RUST IN MATRIX
KZ05R3180	GRAB	YThornton	10-Jul-05	634362	6499526															GIM	0.001	0.1	4	94	142	5	0.22	1	WEST SIDE OF CRK
KZ05R3181	FLOAT	YThornton	10-Jul-05	634632	6499373	SI	Detectable	EA				PY	1	BB	VFG					F	0.005	0.1	4	106	130	4	0.02	1	FLT IN CRK WEATHERED RUSTY
KZ05R3182	FLOAT	YThornton	10-Jul-05	634647	6499376	CB	Strong	EN	CY	Detectable	PA									UNKNOWN	0.002	0.1	4	33	78	2	0.01	2	FLT CLOSE TO SOURCE 2% OF 5x2m SLOPE
KZ05R3183	FLOAT	YThornton	10-Jul-05	634650	6499386	SI	Detectable	FF												GIM	0.009	0.1	5	88	164	3	0.33	1	CLOSE TO SOURCE FRESH LAND SLIDE FINE GRAINED FINE QUARTZ STRINGERS CROSSCUTTING RCK
KZ05R3184	FLOAT	YThornton	15-Jul-05	634600	6499305	SI	Detectable	PA												F	0.004	0.1	2	86	156	2	0.03	1	lt grey matrix quartz/calcite stringers some ust
KZ05R3194	FLOAT	YThornton	13-Jul-05	623288	6483942	CY	Detectable	SP												GR	0.0005	0.1	16	34	37	11	0.005	1	CLAY ALT POSSIBLE WEATHERED FELSPARS
KZ05R3195	FLOAT	YThornton	13-Jul-05	623636	6483847															GR	0.0005	0.1	13	57	14	4	0.005	1	30% OF 5x5m SLOPE THIS TYPE OF RCK
KZ05R3197	FLOAT	YThornton	13-Jul-05	624210	6483940	CY	Detectable	SP												GR	0.0005	0.1	7	26	42	6	0.01	1	CLAY ALT IN K-SPAR
KZ05R3198	FLOAT	YThornton	13-Jul-05	624654	6484277	CY	Detectable	SP												GR	0.009	0.1	18	44	3	3	0.005	1	CLAY ALT IN K-SPAR WEATHERED RUSTY, 45% OF 10x10m SLOPE
KZ05R3199	FLOAT	YThornton	13-Jul-05	624216	6483809															F	0.0005	0.1	4	54	8	3	0.005	2	20% OF SLOPE COVERAGE, 10x10m
KZ05R3202	FLOAT	YThornton	13-Jul-05	624264	6483498	CY	Detectable	SP												GR	0.002	0.1	15	45	4	1	0.005	1	LTGREEN AND WHT CLAY ALT CLASTS SOME RUST 1% OF 10x10m AREA
KZ05R3203	FLOAT	YThornton	13-Jul-05	624264	6483501	CY	Strong	EN												UNKNOWN	0.0005	0.1	6	57	8	7	0.005	1	LT GREEN CLAY ALT WHOLE RCK SOFT AND ALT. ONE BROKEN BOULDER IN 5x5m AREA
KZ05R3204	FLOAT	YThornton	22-Jul-05	621553	6506020															S	0.011	1.8	1	112	171	110	0.08	3	MIX OF SEDS AND VOLCANICS IN AREA SM SED BRECCIA IN SAMPLE
KZ05R3205	GRAB	YThornton	22-Jul-05	621551	6506061							PY	1	DS	VFG					SAS	0.009	0.1	1	94	147	36	0.04	6	VOLCANICS OVERLAYING SEDS, SEDS FINELY BEDDED DRK GREY/LGT GREY
KZ05R3206	FLOAT	YThornton	22-Jul-05	621505	6506082	SI	Moderate	EN												S	0.007	0.6	2	99	153	83	0.03	1	SM BRECCIA AND SOME VUGS BRECCIA POSSIBLY IN VOLCANICS SEDS CROSS CUT WITH QRTZ VEINS SOME VUGS
KZ05R3207	FLOAT	YThornton	22-Jul-05	621557	6506170	CY	Detectable	PA												PBA	0.004	0.1	8	85	40	8	0.03	1	LGT GREY/GREEN MATRIX FRAGGED SM CLASTS THROUGHT, LIGHT AND DRK SM SPIRE 2x2m
KZ05R3208	FLOAT	YThornton	22-Jul-05	621546	6506464	SI	Detectable	FF				PY	1	BB	VFG					F	0.005	1.3	9	142	151	44	0.02	1	GREEN/GREY MED GRAINED QUARTZ STRINGERS CROSS CUTTING
KZ05R3209	FLOAT	YThornton	22-Jul-05	621677	6506600	SI	Strong	FF												PBA	0.001	0.1	33	24	5	5	0.02	1	POSSIBLE VEIN BRECCIA IN SI ZONE PROXIMAL TO SOURCE

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

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration Type	Dominant Alteration Intensity	Dominant Alteration Style	Secondary Alteration Type	Secondary Alteration Intensity	Secondary Alteration Style	Mineral 1 Type	Mineral 1 %	Mineral 1 Style	Mineral 1 Size	Mineral 2 Type	Mineral 2 %	Mineral 2 Style	Mineral 2 Size	Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05R3210	GRAB	YThornton	22-Jul-05	621902	6506903															SAF	0.008	0.4	8	81	60	12	0.02	1	FINELY BEDDED QUITE SOFT
KZ05R3211	GRAB	YThornton	22-Jul-05	622037	6507203	SI	Detectable	EA												GID	0.002	0.1	8	94	17	5	0.02	1	TAKEN 10m DOWN SLOPE OF SAMPLE 276619 INTRUSIVE? BIOTYTE TROUGHT, UPHILL CONGLOMERATES ,DOWNSLOPE SEDS? BEDDED
KZ05R3212	GRAB	YThornton	22-Jul-05	622037	6507203	SI	Detectable	EA												SSPF	0.006	0.2	10	77	41	9	0.02	1	BEDDING ON WEARTHERED SURFACE SM BIOTYTE? IN MATRIX
KZ05R3213	FLOAT	YThornton	22-Jul-05	619157	6499456	SI	Detectable	EA				PY	1	DS						GID	0.001	0.1	18	50	51	5	0.01	1	RUSTY TALUS SLOPE
KZ05R3215	GRAB	YThornton	23-Jul-05	634482	6485742	CY	Detectable	EN	SI	Detectable	EN									UNKNOWN	0.003	0.1	1	56	32	9	1.16	12	LGT GREEN BLEBS ,SOME PURPLE HEMATITE? VOLCANIC
KZ05R3216	GRAB	YThornton	23-Jul-05	634518	6485791	SI	Detectable	EA												UNKNOWN	0.0005	0.1	3	58	17	2	0.18	3	VOLCANIC PURPLE SOME RUST COATING HEMATITE?
KZ05R3217	GRAB	YThornton	23-Jul-05	634530	6485994															GSM	0.011	0.1	1	86	308	5	0.1	1	MED GRAINED DRK GREY GREEN, MAGNETIC , DYKE?
KZ05R3218	GRAB	YThornton	23-Jul-05	634532	6486179							PY	1	BB	VFG					GSM	0.003	0.1	1	94	233	4	0.13	1	MAGNETIC MED GRAINED DRK GREY
KZ05R3219	GRAB	YThornton	23-Jul-05	634520	6486349	SI	Weak	FF												I	0.003	0.1	1	28	88	5	0.01	4	DRK GREY SI VEIN 1.5cm WIDE IN GREEN VOLCANICS MORE SM VEINS CROSS CUTTING O/C SOME CARBONATE IN VEINS
KZ05R3221	GRAB	YThornton	23-Jul-05	634533	6486529							MT	1	DS	VFG					GSM	0.001	0.1	1	80	138	9	0.05	2	DRK GREY MED GRAINED MAGNETIC
KZ05R3222	GRAB	YThornton	23-Jul-05	634828	6486639	SI	Detectable	EA				MT	1	DS	VFG					GSM	0.002	0.3	1	86	140	6	0.11	2	DRK GREY MED GRAINED MAGNETIC, UNIT IS INCONTACT AND RUNS PARALLEL TO SI UNIT
KZ05R3223	GRAB	YThornton	23-Jul-05	634932	6486748	CB	Detectable	SP				PY	1	DS	VFG					GSM	0.014	0.3	9	95	119	18	0.33	1	DRK GREY MED GRAINED CALCITE IN SMALL POCKETS THROUGHT
KZ05R3224	GRAB	YThornton	23-Jul-05	635654	6486913	CB	Detectable	SP				PY	1	DS						GSM	0.004	0.3	3	58	244	5	0.04	1	DRK GREY SM WHT BLEBBS
KZ05R3227	GRAB	YThornton	23-Jul-05	635375	6487182	SI	Moderate	EN				PY	1	BB	VFG					UNKNOWN	0.001	0.1	27	47	6	12	0.4	1	ALT RUSTY SI ZONE SOME BRECCIA
KZ05R3228	GRAB	YThornton	23-Jul-05	635300	6487253	SI	Moderate	EN	CY	Detectable	PA									UNKNOWN	0.006	0.2	431	294	110	56	0.42	49	SI ZONE 75m WIDE WEATHERED RUST SOME SULFS
KZ05R3230	FLOAT	YThornton	12-Aug-05	648774	6473376	SI	Detectable	EA				PY	1	DS	VFG					IA	0.003	0.1	1	15	82	7	0.02	1	POSSIBLE SUB CROP RUSTY BOULDER. 75x50cm OTHER RUSTY RCKS IN AREA.
KZ05R3231	FLOAT	YThornton	12-Aug-05	648741	6473056	SI	Detectable	EA				PY	1	DS	VFG					UNKNOWN	0.0005	0.1	1	54	164	126	0.47	1	NO OTHER RCKS LIKE THIS IN AREA,BUT FLT IS VERY SHARP PROXIMAL TO SOURCE. LT GREY MATRIX BLEBS OF CLORITE. WEATHERED BUFF RUST. DRK FLECKS ,FAUXITE? MARAPOSITE?
KZ05R3232	FLOAT	YThornton	12-Aug-05	648587	6472604	SI	Moderate	EA				PY	1	BB	VFG					SCT	0.001	0.1	1	23	74	52	0.59	28	ONLY FLT IN 10x10m AREA. BELOW DEATH CAP PEAK. LT GREY SOME RUST
KZ05R3233	GRAB	YThornton	12-Aug-05	648490	6472461	SI	Detectable	EA				PY	1	DS	VFG					IA	0.002	0.1	1	15	167	19	0.02	1	MANY DIFF RCK UNITS IN AREA FAULT ZONE? RUSTY GREY MEDGRAINED
KZ05R3234	FLOAT	YThornton	12-Aug-05	648792	6473370	CY	Detectable	EA												UNKNOWN	0.001	0.1	1	1	5	12	0.06	1	BUFF WHT QUITE SOFT. SM BLEBS OF BRIGHT GREEN. CLORITE? SOME RUST SPECS WEATHERED RUSTY
KZ05R3235	GRAB	YThornton	13-Aug-05	648439	6471856	SI	Moderate	EA				PY	1	DS	VFG					UNKNOWN	0.0005	0.1	1	19	22	1	0.02	1	O/C 7x5m MED GRAINEDLT TO BUFF GREY MATRIX DRK GREEN CLASTS FINEQUARTZ STRINGERS CAILCITE COATING WEATHERED RUSTY
KZ05R3236	FLOAT	YThornton	13-Aug-05	648237	6471309	SI	Detectable	PA	CB	Weak	EN	CP	3	BB	MG					UNKNOWN	0.195	0.2	1	15	3600	62	0.17	13	50% OF 10x19m SLOPE WITH THIS TYPE RCK. CHALCO IN CARBONATE VEINS. SOME QUARTZ STRINGERS. SAME RCK TYPE AS LAST SAMPLE
KZ05R3237	FLOAT	YThornton	13-Aug-05	647913	6470972	CY	Detectable	EN												UNKNOWN	0.006	0.2	16	8	13	54	0.04	3	1% OF 10x10m AREA BASE OF SM WATERFALL. BUSS WHT SOME RUST MED SOFT MATRIX WITH QUARTZ EYE CLASTS
KZ05R3238	FLOAT	YThornton	13-Aug-05	647641	6470838	CY	Detectable	EA	CB	Moderate	EA	PY	1	DS	VFG					UNKNOWN	0.001	0.2	2	24	18	7	0.02	1	LT GREY MATRIX QUARTZ BLOBS CALCITE THROUGHT POSSIBLE CHALCO ONE 30x20cm RCK IN STEEP DRY CREEK BED
KZ05R3239	FLOAT	YThornton	13-Aug-05	647600	6470826	CB	Moderate	FF				CP	3	BB	MG					IA	0.029	0.6	1	30	5870	5	0.03	1	CP IN CALCITE VEINS SMALL AMOUNT IN MATRIX 200x200m TALUS SLOPE ONLY CP IN 5x5m AREA FIRST CP I HAVE SEEN INTHIS TYPE OF RCK
KZ05R3240	FLOAT	YThornton	13-Aug-05	647207	6470707	SI	Detectable	EA				PY	1	DS	VFG					UNKNOWN	0.158	18.1	6	29	27	131	1.01	9	LT GREY MATRIX WITH QUARTZ THROUGHT. RUSTY THROUGHT RCK. DRK SPECS IN MATRIX TALUS HAS AT LEAST 10 DIFF RCK TYPES SAMPLE RCK TYPE THEONLY ONE I CAN SEE IN 2x2m AREA
KZ05R3241	FLOAT	YThornton	13-Aug-05	647048	6470682	CY	Detectable	EA				PY	1	DS	VFG					UNKNOWN	0.001	0.1	7	35	28	47	0.13	2	BUFF WHITE WITH RUST LIESGANGE TEXTURE DRY CRK WASH. 5% COVERAGE IN 5x5m AREA
KZ05R3242	GRAB	YThornton	14-Aug-05	648331	6474182	CY	Detectable	SP												UNKNOWN	0.001	0.1	1	35	144	31	0.69	3	WEATHERED BUFF RUST OXIDIZED THROUGHT LHT GREEN SPOTS THROUGHT ALT TO CLAY. RUSTY O/C VISIBLE IN CRK FOR APRX 200m UP STREAM OF SAMPLE SITE
KZ05R3243	FLOAT	YThornton	14-Aug-05	648010	6474351	CY	Detectable	SP												UNKNOWN	0.027	3.6	13	129	837	3100	12.2	671	VERY WEATHERED AND RUSTY. SOME VUGS STILL VISIBLE. POSSIBLE SOURCE UP HILL 300m 90% OF 10x10m AREA RUSTY RCKS
KZ05R3244	FLOAT	YThornton	14-Aug-05	647904	6474795	CY	Detectable	EN												UNKNOWN	0.009	0.1	5	6	144	28	0.13	9	VERY RUSTY BOULDER 1% OF 5x5m AREA COVERED WITH SIM RCKS
KZ05R3246	GRAB	YThornton	16-Aug-05	639805	6499494	CY	Detectable	SP				PY	1	DS	VFG					GF	0.001	0.1	5	40	6	3	0.03	1	FELDSPARS ALT TO CY. WX PY ALT THROUGHOUT MATRIX. BIOTITE STILL VISABLE
KZ05R3247	GRAB	YThornton	16-Aug-05	640111	6499658	SI	Detectable	FL				PY	1	DS	VFG					GF	0.0005	0.1	4	40	6	3	0.01	2	LT PURPLE/PINK MATRIX. BIOTITE VISIBLE KSPAR SLIGHTLY ALT SOME SI STRINGERS 10x5m O/C
KZ05R3248	GRAB	YThornton	16-Aug-05	640821	6499791															GF	0.002	0.1	8	123	41	26	0.26	3	CONTACT W/SEDS. MED GRAINED. BIOTITE STILL VISIBLE SOME RUSTY ALT. MANY FOLDS AND CONTACTS IN AREA
KZ05R3249	GRAB	YThornton	16-Aug-05	640674	6499809	SI	Detectable	FL				PY	1	DS	VFG					UNKNOWN	0.0005	0.1	6	43	3	14	0.08	2	CONTCT W/SEDS BUFF WHT DRK STRINGERS SOME BEDDING IN O/C. SEDS?
KZ05R3252	GRAB	YThornton	16-Aug-05	640565	6499828	CY	Detectable	EN												GF	0.001	0.2	25	74	5	3	0.05	3	CONTACT W/ DYKE BUFF WHT MATRIX W/ RUSTY CLASTS AND DRK STRINGERS
KZ05R3253	GRAB	YThornton	16-Aug-05	640512	6499891															GF	0.001	0.1	14	42	2	2	0.09	1	SOME BIOTITE STILL VISIBLE SOME CY POSSIBLE
KZ05R3254	GRAB	YThornton	16-Aug-05	640181	6499976	CY	Moderate	EN	SI	Detectable	EN									UNKNOWN	0.001	0.1	15	40	5	75	1.78	6	GRIZ 1 SHOWING. RUSTY CY AND SI TOGETHER IN RCK. SHOWING 50x5m O/C 100x5m
KZ05R3255	GRAB	YThornton	16-Aug-05	640179	6499976	CY	Detectable	EA	SI	Detectable	EA									UNKNOWN	0.0005	0.1	7	5	0.5	23	2.16	6	BUFF WHT W/ DARK GREY STRINGERS EASILY SCRATCHED BUT NOT SOFT GRIZ 1 SHOWING
KZ05R3256	GRAB	YThornton	16-Aug-05	640179	6499983	SI	Detectable	EA				PY	1	DS	VFG					UNKNOWN	0.0005	0.1	8	9	4	92	2.29	7	GREY MATRIX MED GRAINED. GRIZ SHOWING
KZ05R3257	GRAB	YThornton	16-Aug-05	640146	6499972	CY	Detectable	EN	SI	Detectable	EN									UNKNOWN	0.0005	0.1	19	42	5	130	3.04	7	SAME TYPE OF RCK AS 3254. GRIZ SHOWING
KZ05R3258	FLOAT	YThornton	16-Aug-05	639491	6499811	CY	Detectable	EA	SI	Detectable	EA									GF	0.001	0.1	7	51	13	7	0.52	1	BUFF WHT MATRIX KSPAR ALT TO CLAY BIOTITE ALT TO RUST. 5% OF 5x5m TALUS SLOPE COVERED
KZ05R3259	FLOAT	YThornton	16-Aug-05	639491	6499811	CY	Moderate	EN	SI	Detectable	FF									UNKNOWN	0.0005	0.1	12	70	7	8	0.4	1	VERY RUSTY RCK. SI ALT TO CY? <1% IN 5x5m AREA, BUT ALL RCKS INAREA CY ALT TO SOME DEGREE
KZ05R3260	GRAB	YThornton	16-Aug-05	639331	6500072	CY	Detectable	EA	SI	Detectable	EA									UNKNOWN	0.0005	0.1	19	36	1	44	0.21	1	BUFF WHT DRK GREY STRINGERS. SOME RUST POSSIBLE PY O/C 5x15m SI HUMP. OLD SAMPLE SITE
KZ05R3261	GRAB	YThornton	16-Aug-05	639306	6500214	CY	Detectable	SP												GF	0.002	0.1	15	45	3	3	0.35	1	KSPAR ALT TO CY RUSTY THROUGHOUT LRG O/C
KZ05R3262	GRAB	YThornton	16-Aug-05	639266	6500232	SI	Detectable	EA	CY	Detectable	EA									UNKNOWN	0.001	0.1	9	37	0.5	1	0.22	1	BUFF WHT SLIGHTLY BRECCIATED MED BRAINED. SOME RUST POSSIBLE PY. 50x50m O/C
KZ05R3263	GRAB	YThornton	17-Aug-05	638026	6500067															GF	0.0005	0.1	17	68	7	4	0.06	1	LGT GREEN GREY MATRIX. SI CLASTS. SOME BIOTITE STILL VISIBLE. FLAT LYING O/C. VOLCANICS OVER LYING 10x3m O/C
KZ05R3264	GRAB	YThornton	17-Aug-05	637101	6500291	SI	Detectable													GF	0.0005	0.3	7	56	10	4	0.06	1	MED GRAINED GREY PURPLE RUSTY SPECS SOME BIOTITE STILL VISIBLE
KZ05R3265	GRAB	YThornton	17-Aug-05	636221	6500787	SI	Detectable	EA	CY	Detectable	EA									GF	0.0005	0.1	15	68	2	3	0.09	1	BUFF WHT MATRIX. RUSTY SPECTS BIOTITE? DRK STRINGERS
KZ05R3266	GRAB	YThornton	17-Aug-05	636935	6500272	CY	Detectable	EA												UNKNOWN	0.0005	0.1	15	9	0.5	20	0.98	1	BUFF WHT MED GRAINED. EASILY SCRATCHED. WX RUSTY COATING SOME RUST SPECS. 20x15m O/C SMALL SPIRE

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

Sample #	Sample Type	Sampler	Date	Easting	Northing	Dominant Alteration Type	Dominant Alteration Intensity	Dominant Alteration Style	Secondary Alteration Type	Secondary Alteration Intensity	Secondary Alteration Style	Mineral 1 Type	Mineral 1 %	Mineral 1 Style	Mineral 1 Size	Mineral 2 Type	Mineral 2 %	Mineral 2 Style	Mineral 2 Size	Rock Type	Au (ppm)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05R3267	GRAB	YThornton	17-Aug-05	638427	6499646															UNKNOWN	0.0005	0.1	9	25	9	3	0.01	1	POSSIBLE TUFT. GREY/WHITE MATRIX. VOLCANIC CLASTS OF DIFF SIZE AND COLOUR. BIOTITE PRESENT?? IN MATRIX AND CLASTS??
KZ05R3268	FLOAT	YThornton	20-Aug-05	622007	6504961	CY	Weak	PA												UNKNOWN	0.008	0.4	4	92	89	140	0.09	1	GREY/GREEN MATRIX. CLAY VIENS THROUGHT. VERY SOFT AND WHT. VUGGY QUARTZ IN AREA. ONE RCK IN 5x5m's SCREE SLOPE WITH SOME O/C
KZ05R3269	FLOAT	YThornton	20-Aug-05	621917	6505009	CY	Weak	PA	SI	Weak	FF									UNKNOWN	0.001	0.2	1	91	162	77	0.03	2	GREY GREEN MATRIX SI VEINS THROUGHOUT CROSS CUTTING CY ALT ALONG SI VEINS 5% OF SLOPE W/ THIS ALT 20x20 m
KZ05R3271	FLOAT	YThornton	20-Aug-05	621657	6505026	CY	Weak	FF												UNKNOWN	0.008	0.9	14	88	89	312	0.11	3	GRY GREEN MATRIX PROXIMAL TO SOURCE SMALL DRK STRINGERS
KZ05R3272	GRAB	YThornton	20-Aug-05	621609	6505804	SI	Detectable	FF												UNKNOWN	0.009	0.1	2	108	124	54	0.07	1	TWO VIENS RUNNING PARALLEL TO RIDGE. UP TO 20cm WIDE. DRK GREY SLIGHTLY BRECCIATED. DRK MINERAL THROUGHOUT . SOME RUST
KZ05R3273	GRAB	YThornton	20-Aug-05	621750	6506087	SI	Detectable	FF												UNKNOWN	0.008	0.6	8	21	2	190	0.12	4	RUSTY RESITIVE RCK 2x10m RUNNING PARALELL TO SLOPE. GREY GREEN MATRIX SI STRINGERS CROSS CUTTING
KZ05R3274	GRAB	YThornton	20-Aug-05	622198	6505451	CY	Moderate	FF	SI	Weak	FF									UNKNOWN	0.013	0.2	3	54	68	56	0.11	2	GREY GREEN MATRIX MED GRAINED CY AND SI COATINGS AND STRINGERS 20x10m O/C FRESH LAND SLUMP
KZ05R3277	GRAB	YThornton	20-Aug-05	622200	6505458	SI	Moderate	FL	CY	Detectable	FF									PBA	0.101	0.7	1	43	72	92	0.09	4	SI ZONE 5mx10m. BRECCIA SI AND CY
KZ05R3278	GRAB	YThornton	20-Aug-05	622367	6505620	SI	Weak	FL												PBA	0.022	0.1	5	36	3	65	0.03	1	20x10m O/C BRECCIA IS MADE UP OF SM ANG RCKS. 1 TO 2mm
KZ05R3279	GRAB	YThornton	21-Aug-05	622129	6504831	SI	Moderate	EA												UNKNOWN	0.002	0.1	5	11	2	22	1.12	1	LGT GREY MATRIX MED GRAINED RUSTY WX ON SURFACE. 4x100m + RESISTIVE O/C RUNNING PARALLEL TO SLOPE
KZ05R3280	FLOAT	YThornton	21-Aug-05	621876	6504621	SI	Detectable	EA	CY	Detectable	FF									SSLC	0.001	0.1	4	12	23	5	0.05	1	PROXIMAL TO SOURCE LT GRY MED GRAINED. DRK GREY STRINGERS CROSS CUTTING THROUGHOUT. CY ON SURFACE
KZ05R3281	GRAB	YThornton	21-Aug-05	621868	6504596	CY	Moderate	FF												PBA	0.188	0.4	7	10	8	167	0.34	11	10x20m O/C CY ALT THROUGHOUT WX RUSTY VARIABLE AMOUNTS OF BRECCIATION
KZ05R3282	FLOAT	YThornton	21-Aug-05	621553	6504496	SI	Weak	FF	CY	Detectable	EN									SAF	0.124	5.3	1475	83	40	76	0.17	3	FINE GRAINED LGT GREY SED BROKEN WITH QURTZ STRINGERS. WX RUSTY. VUGGY CAVITIES WITH IN RCK. 1% OF 2x2m AREA. TALUS SLOPE WITHO/C ABOVE
KZ05R3283	FLOAT	YThornton	21-Aug-05	621545	6504497	CY	Weak	EN												UNKNOWN	0.003	0.1	10	52	44	25	0.02	1	COURSE GRAINED GREY POSSIBLE SANDSTONE? INTRUSIVE? CY ALT ON SURF. 5% OF 2x2m AREA COVERED
KZ05R3284	GRAB	YThornton	21-Aug-05	621494	6504299	SI	Moderate	EA												SS	0.001	0.2	43	37	11	10	0.2	1	BUFF WHT MED GRAINED WX RUSTY SOME VUGS. POSSIBLE PY DISS. RESITIVE SPIRE 3m HIGH. 50x5m AREA IN O/C
KZ05R3285	FLOAT	YThornton	21-Aug-05	621531	6504188	CY	Weak	RF												PBA	0.0005	0.1	3	13	4	8	0.02	1	GREY MATRIX 50% OF CLASTS ALT TO CLAY 40% TO SI. 2% OF 5x5m AREA COVERED LARGE TALUS SLOPE
KZ05R3286	GRAB	YThornton	21-Aug-05	621532	6504153															PBA	0.002	0.3	48	64	12	30	0.1	2	POSSIBLE AUTO BRECCIA. CLASTS IN MATRIX ARE SUROUNDING RCKS. O/C IS MIXED BRECCIA AND SOLID RCK. THIS SI RCK MAKESUP CLASTS IN BRECCIA. O/C 10x30m.
KZ05R3287	FLOAT	YThornton	21-Aug-05	621971	6503952	CY	Moderate	EN	CB	Weak	FF	PY	1	DS	VFG					UNKNOWN	0.005	1.5	72	57	5	21	0.28	2	LT GREY FINEGRAINED MATRIX. CALCITE VEIN 1cm WIDE CY ALT ON SURFACE TO 1.5cm INTO RCK. -1 % OF SLOPE COVERAGE. LRG TALUS SLOPE
KZ05R3288	FLOAT	YThornton	21-Aug-05	622006	6503960	CY	Complete	EA												UNKNOWN	0.022	0.4	81	61	7	229	0.49	11	ALMOST COMPLETELY ALT TO CY 1% OF 5x5m AREA. LRG TALUS SLOPE
KZ05R3289	FLOAT	YThornton	21-Aug-05	622433	6504090	CY	Strong	FL												UNKNOWN	0.02	0.2	15	51	7	50	0.05	3	GREY MATRIX. CLASTS ALT TO CY.. WX TO RUST. CY VEINS PERVASIVE THROUGH RCK. SOME SI IN BRECCIATED PART OF SAMPLE. POSSIBLE SUB CROP. 50% OF 5x5m AREA COVERED
KZ05R3290	FLOAT	YThornton	22-Aug-05	622288	6505133	CY	Strong	RM												PBA	0.024	0.9	9	99	130	138	0.22	6	70x30cm BOULDER ON TALUS SLOPE. SED FRAGMENTS AND UNKNOWN RCK FRAGMENTS. CY PERVASIVE THROUGHOUT. POSSIBLE SOURCE UP SLOPE 400m
KZ05R3291	GRAB	YThornton	22-Aug-05	622118	6505221	CY	Strong	FL												PBA	0.01	0.2	2	31	102	2050	3.2	37	VERY RUSTY ALT TO CY. SOME FRAGS STILL VISIBLE. CY THROUGHOUT. SAMPLE TAKEN ON HANGING WALL OF 30m LONG SHEAR ZONE. 10x5m AREA WITH CY ALT
KZ05R3292	GRAB	YThornton	22-Aug-05	622098	6505157	CY	Moderate	FF												PBA	0.009	0.1	1	53	74	64	0.06	1	SHEAR ZONE. RYSTY CY ALT BRECCIA IS HOST RCK. CY ALT PERVASIVE THROUGHOUT AREA. BUT NO OTHER TYPES OF RCK VISIBLE
KZ05R3293	GRAB	YThornton	22-Aug-05	622149	6505273	SI	Moderate	RM												PBA	0.01	0.3	1	43	63	50	0.04	1	SI VEIN 2m WIDE x3m LONG NORTH END OF SHEAR ZONE. VARYING DEGREES OF BRECCIATION. POSSIBLE ANDACITE HOST RCK.
KZ05R3294	FLOAT	YThornton	22-Aug-05	622149	6505274	CY	Moderate	RM	SI	Moderate	EN	PY	1	BB	VFG					PBA	0.006	0.3	1	22	56	74	0.09	1	CLOSE TO SOURSE. CY OVER LAYING SI . POSSIBLE ANDACITE HOST RCK
KZ05R3296	FLOAT	YThornton	22-Aug-05	622440	6505076	CY	Detectable	FL												PBA	0.034	1.8	6	145	220	1590	0.37	21	VERY RUSTY ALT RCK. FOUND AT BOTTOM OF BOWL IN ASTER. 20% OF SLOPE HA SOME CLAY ALT, 5x5m AREA 10 % RUSTY RCKS
KZ05R3297	GRAB	YThornton	22-Aug-05	622704	6504784							PY	1	DS	VFG					IA	0.025	0.2	1	94	98	114	0.15	1	30x50m O/C SOME RUST AND PY

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

Part 2: 10 kg Stream Sediment Samples

2005 10 kg Silt Samples

Sample #	Date	Sampler	Easting	Northing	pH	Stream Gradient	Stream Width (m)	Stream Depth (cm)	Sieve Size	Sample Size	Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05X8002	16-Jul-05	ANewton	648751	6482704	8.16	Medium	9m	1m	1mm	10kg	0.029	0.14	5.2	36	83.4	38.9	0.02	1.56	One lesser arm and one faster major arm. Water level medium
KZ05X8003	16-Jul-05	ANewton	651601	6476194	8.33	High	4m	0.5m	1mm	10kg	0.003	0.1	1.9	33	135	17	0.05	0.62	Main stream is 4m wide with smaller branching stream alongside
KZ05X8004	16-Jul-05	ANewton	656298	6470585	8.22	High	3m	0.4m	1mm	10kg	0.001	0.05	2.2	36	60.9	8.3	0.06	1.52	Main stream is 3m wide with lesser side stream 2m wide. Sample taken from toe of gravel bar between branches. Active debris flow creek. Boulders to 30cm common with much interstitial cobbles
KZ05X8005	17-Jul-05	ANewton	638468	6488599	8.27	High	4.5m	0.5m	1mm	10kg	0.004	0.18	16.8	106	88.3	27.1	0.26	4.17	Stream water runs clear
KZ05X8006	17-Jul-05	ANewton	633267	6503773	8.48	High	5.5m	0.4m	1mm	10kg	0.099	0.17	22.7	95	62.5	44.1	0.25	1.62	Sample taken at toe of gravel bar between two near equal branches of the stream
KZ05X8007	18-Jul-05	ANewton	636057	6499806	8.55	Medium	3.5m	0.4m	1mm	10kg	0.007	0.13	12	97	121	34.6	0.14	1.18	Sample collected just below and above a series of log jams on a medial gravel bar [toe]. Cobble-gravel dominated. Silt is med brown in colour and unlike previous samples
KZ05X8008	18-Jul-05	ANewton	628093	6504509	8.19	High	8m	2m	1mm	10kg	0.02	3.03	11.6	86	59.4	28.1	0.26	1.3	Water is fast moving and light green/blue in colour in deeper parts
KZ05X8009	18-Jul-05	ANewton	618618	6498946	8.03	Medium	7m	0.5m	1mm	10kg	0.005	0.16	15.4	100	54.4	44	0.06	1.49	Water is fast flowing and has a light green/blue tinge of colour. Sample taken at toe of cobble dominated bar with some intermixed boulders. Sample is med brown and is sand dominated.
KZ05X8010	18-Jul-05	ANewton	618075	6507625	7.88	Low	3.5m	0.35m	1mm	10kg	0.032	0.24	27.9	152	80.7	37.7	0.06	1.38	Collected from creek which flows through marsh/beaver dammed area. Sample collected above any dams; at toe of high water gravel bar. Bar is gravel dominated w/ minor cobbles. Water is clear. Sample is med brown and silty sand dominated.
KZ05X8011	18-Jul-05	ANewton	623183	6495950	8.15	High	12m	1.5m	1mm	10kg	1.34	1	69.7	146	128.5	160.5	0.12	6.69	Creek is fast flowing and water is light grey in colour. Sample collected from toe of cobble-boulder dominated medial gravel bar. Sample is light to med brown
KZ05X8012	18-Jul-05	ANewton	621864	6494160	8.03	High	8m	1m	1mm	10kg	0.011	0.19	12.8	38	74	22.7	0.02	1.94	Creek runs fast
KZ05X8013	19-Jul-05	ANewton	624415	6489719	8.26	High	5m	0.8m	1mm	10kg	0.148	0.16	13.9	35	40.9	15.8	0.01	0.81	Creek is fast flowing
KZ05X8014	19-Jul-05	ANewton	619803	6491473	8.11	High	4m	0.6m	1mm	10kg	0.008	0.36	14.2	35	178	19	0.02	0.59	Creek is fast flowing
KZ05X8016	19-Jul-05	ANewton	613009	6492686	7.84	Medium	15m	1.3m	1mm	10kg	0.0005	0.27	20.5	59	17	4.4	0.02	0.65	Creek flows moderately fast
KZ05X8017	19-Jul-05	ANewton	613055	6495213	7.95	Medium	4.5m	0.3m	1mm	10kg	0.01	0.64	83.1	121	36.1	10.3	0.03	0.53	Creek water is clear
KZ05X8018	19-Jul-05	ANewton	612616	6494116	8.03	High	8m	0.4m	1mm	10kg	0.0005	0.23	20.6	75	20.7	16.4	0.01	0.85	Creek is fast flowing
KZ05X8019	20-Jul-05	ANewton	615132	6512567	8.34	Medium	6m	0.75m	1mm	10kg	0.007	0.23	22.1	149	97.7	48.4	0.1	3.81	Creek moderately fast flowing
KZ05X8020	20-Jul-05	ANewton	613937	6512697	8.22	High	20m	2m	1mm	10kg	0.286	0.15	16.4	69	33	56.1	0.04	1.87	Creek is fast flowing
KZ05X8022	20-Jul-05	ANewton	606983	6506448	8.22	High	9m	0.75m	1mm	10kg	0.391	0.09	11.5	55	16.4	5.7	0.02	0.53	Creek is fast flowing
KZ05X8023	20-Jul-05	ANewton	610843	6509420	8.23	High	6m	0.4m	1mm	10kg	0.017	0.7	48.4	141	86.8	428	0.07	8.92	Creek is fast flowing
KZ05X8024	21-Jul-05	ANewton	645854	6470639	8.27	Low	8m	0.6m	1mm	10kg	0.132	0.09	5.9	29	33.6	5.9	0.01	0.72	Creek is moderately fast flowing
KZ05X8027	21-Jul-05	ANewton	645734	6462462	8.17	High	4.5m	0.35m	1mm	10kg	0.026	0.36	41.3	89	67.9	19.2	0.02	0.68	Creek flow moderate
KZ05X8028	21-Jul-05	ANewton	652639	6467235	8.43	High	5m	0.5m	1mm	10kg	0.111	0.07	5.4	41	66.6	38.5	0.34	2.5	Creek flow is fast
KZ05X8029	21-Jul-05	ANewton	652856	6467852	8.59	High	3.5m	0.35m	1mm	10kg	0.003	0.06	2.4	48	100.5	14.6	0.15	1.5	Creek is fast flowing
KZ05X8030	21-Jul-05	ANewton	649288	6473295	8.35	Medium	8m	0.8m	1mm	10kg	0.053	0.05	5.5	34	31.9	5.5	0.07	0.7	Creek is fast flowing
KZ05X8033	23-Jul-05	ANewton	628948	6478968	8.14	Low	5m	0.4m	1mm	10kg	0.244	0.26	16.8	83	123	5.1	0.02	1.52	Creek is moderate to slow flowing
KZ05X8034	23-Jul-05	ANewton	629495	6477322	8.34	Medium	3m	0.2m	1mm	10kg	0.006	0.3	41.6	83	88	3.8	0.02	0.59	Creek flow moderate
KZ05X8035	24-Jul-05	ANewton	609172	6516508	8.33	Medium	25m	1m	1mm	10kg	0.012	0.19	20.7	106	47	45.5	0.21	2.15	Creek is fast flowing
KZ05X8036	24-Jul-05	ANewton	602642	6518986	8.25	Low	13m	1.5m	1mm	10kg	0.245	0.15	14.8	97	51.7	29.3	0.06	2.04	Creek is moderately fast flowing
KZ05X8037	24-Jul-05	ANewton	607449	6512789	8.16	High	8m	0.4m	1mm	10kg	0.014	0.26	35.5	112	74.5	107	0.08	5.6	Creek is fast flowing
KZ05X8039	24-Jul-05	ANewton	592420	6503178	8.12	Medium	6m	0.4m	1mm	10kg	0.001	0.15	19.6	56	6.9	18.3	0.02	1.33	Creek is fast flowing
KZ05X8040	25-Jul-05	ANewton	646778	6477348	8.38	Medium	15m	1m	1mm	10kg	0.001	0.05	5.6	41	47	6.6	0.02	0.83	Creek is fast flowing
KZ05X8041	25-Jul-05	ANewton	648607	6477200	8.37	Medium	6m	1m	1mm	10kg	0.126	0.25	7.6	41	104.5	57.4	0.01	1.26	Creek is fast flowing
KZ05X8042	25-Jul-05	ANewton	631599	6474857	8.04	Medium	6m	0.5m	1mm	10kg	0.17	0.53	24.5	83	111	9.9	0.03	1.04	Creek is fast flowing
KZ05X8043	25-Jul-05	ANewton	638094	6478113	8.29	Low	15m	2m	1mm	10kg	0.117	0.89	15.1	50	93.1	34.5	0.02	1.29	Creek is fast flowing. Sample taken at toe of diorite dominated gravel-cobble bar where creek with grey water meets creek with green-blue water. Sample med brown
KZ05X8044	25-Jul-05	ANewton	637563	6483183	8.24	Medium	16m	1m	1mm	10kg	0.726	0.12	10.7	89	104	15	2.32	3.07	Creek is fast flowing
KZ05X8102	17-Jul-05	MCianci	643855	6494090	8.4	Low	5m	0.4m	1mm	10kg	0.004	0.11	9.7	92	127	13.5	0.08	1.79	Water in creek clear
KZ05X8103	17-Jul-05	MCianci	635106	6499975	8.5	Medium	4m	0.6m	1mm	10kg	0.004	0.19	40.4	118	55.9	34.1	0.18	1.72	Location changed Nov. 23 as plotted point did not line up with creek location.
KZ05X8104	24-Jul-05	RMann	614467	6517926	8.29	Medium	9m	1m	1mm	10kg	0.048	0.18	18	95	53.1	49.6	0.08	2.48	Large River
KZ05X8105	24-Jul-05	RMann	604889	6516207	8.23	Medium	5m	0.5m	1mm	10kg	0.014	0.34	29	143	78.6	85.6	0.11	3.9	Small stream out of v steep valley. Taken well upstream if main river influence. toe 0f poorly developed gravel
KZ05X8106	24-Jul-05	RMann	610342	6508772	8.19	Medium	6m	0.7m	1mm	10kg	0.13	0.14	20.3	77	20.5	24.8	0.03	1.07	Toe of a side bar. cobble

All coordinates listed are UTM Zone 8-NAD 83 projection

Lab Name: ALS Chemex Labs
Assay Types: Fire Assay Au, 50 Element combination ICP-MS and ICP-AES

Part 3: Grab Stream Sediment Samples

Sample #	Date	Sampler	Easting	Northing	pH	Stream Gradient	Stream Width (m)	Stream Depth (cm)	Sieve Size	Sample Size	Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05X8202	14-Aug-05	ANewton	647897	6476387		Low	1.5m	0.3m	Hand grab	0.5kg	0.0005	0.04	4.8	32	39.6	4.9	0.01	0.5	Collected by hand at toe of large bar in small backwater area. Sample contains approx 10% black sand.
KZ05X8301	14-Aug-05	MCianci	648572	6475372		Low	10m	1.5m	Shovel grab	0.5kg	0.001	0.03	3.8	28	32.3	3.8	0.01	0.39	
KZ05X8302	14-Aug-05	MCianci	648891	6474951		Low	12m	1.5m	Shovel grab	0.5kg	0.0005	0.03	3.7	29	38.2	3.9	0.02	0.39	
KZ05X8303	14-Aug-05	MCianci	649144	6474424		Low	10m	1.5m	Shovel grab	0.5kg	0.002	0.04	3.7	27	34.1	3.9	0.01	0.34	
KZ05X8304	14-Aug-05	MCianci	649368	6474000		Low	12m	1.5m	Shovel grab	0.5kg	0.003	0.04	3.8	27	36.2	4	0.01	0.35	

Part 4: Soil Samples

Sample #	Soil Type	Sampler	Date	Easting	Northing	Depth (cm)	Wetness	Environment	Vegetation	Slope	Organic Content	Leaf Litter	Au (ppb)	Ag (ppb)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Comments
KZ05S5001	B- Horizon	MCianci	12-Aug-05	648777	6473737	5	Moist	Colluvium	Grass	Steep	None	Leaves	0.001	0.08	2.1	60	94.7	18.2	0.06	1.08	Sample taken above base fly camp. Good soil
KZ05S5002	B- Horizon	MCianci	12-Aug-05	648832	6473537	8	Moist	Colluvium	Grass	Steep	Low	Leaves	0.005	0.09	2	61	82.9	23.4	0.05	1.47	Sample taken along traverse near steepening of slope.
KZ05S5003	B- Horizon	MCianci	12-Aug-05	648908	6473323	6	Dry	Colluvium	Grass	Steep	None	None	0.002	0.06	1.8	48	115	13.4	0.04	0.87	Small pebble sized rocks within horizon.
KZ05S5004	B- Horizon	MCianci	13-Aug-05	648920	6473130	8	Moist	Colluvium	Grass	Steep	Low	None	0.0005	0.09	2.8	62	55	27.2	0.05	2.31	Darker color. Larger O & A horizons
KZ05S5005	B- Horizon	MCianci	13-Aug-05	648936	6472880	8	Moist	Colluvium	Grass	Steep	Low	None	0.0005	0.13	2.3	51	57	27.9	0.06	2.45	Larger O & A horizon .
KZ05S5006	B- Horizon	MCianci	13-Aug-05	648959	6472625	6	Dry	Colluvium	Grass	Steep	None	Leaves	0.0005	0.13	3.1	73	122.5	45.2	0.45	6.94	MED Brown coloured soil w' probable talus parent
KZ05S5007	B- Horizon	MCianci	13-Aug-05	648957	6472436	8	Moist	Colluvium	Grass	Steep	None	None	0.001	0.1	2.5	55	106	27	0.08	2	Soil is well developed on slope between creeks
KZ05S5008	B- Horizon	MCianci	13-Aug-05	648908	6472230	9	Dry	Colluvium	Grass	Medium	Low	None	0.002	0.04	3.7	79	85.9	62.7	0.07	5.13	Sample taken on grassy slope. Light red-brown
KZ05S5009	B- Horizon	MCianci	13-Aug-05	648859	6472026	8	Moist	Colluvium	Grass	Medium	Low	Leaves	0.0005	0.13	2.7	80	95.4	37.4	0.16	6.37	Larger O horizon.
KZ05S5010	B- Horizon	MCianci	13-Aug-05	648774	6471888	10	Moist	Colluvium	Grass	Medium	Low	Leaves	0.002	0.07	3.1	62	172.5	50.8	0.09	4.13	Darker brown thicker A horizon.
KZ05S5011	B- Horizon	MCianci	13-Aug-05	648700	6471721	9	Moist	Colluvium	Grass	Medium	Low	Leaves	0.003	0.04	3.8	70	114	76.7	0.04	5.23	Pebble sized rocks in sample.
KZ05S5012	B- Horizon	MCianci	13-Aug-05	648572	6471560	8	Moist	Colluvium	Grass	Medium	Low	None	0.001	0.13	3.2	62	96	69.5	0.04	4.19	
KZ05S5013	B- Horizon	MCianci	13-Aug-05	648475	6471380	8	Moist	Colluvium	Grass	Medium	Low	None	0.0005	0.18	3.8	55	167.5	76.9	0.11	7.34	
KZ05S5014	B- Horizon	MCianci	13-Aug-05	648305	6471211	5	Dry	Colluvium	Grass	Medium	None	None	0.022	0.11	5	99	132	186.5	0.09	9.21	Parent material is talus slope.
KZ05S5015	B- Horizon	MCianci	13-Aug-05	648120	6471050	6	Dry	Colluvium	Grass	Medium	None	Leaves	0.007	0.31	3.7	107	110	83.4	0.11	8.04	
KZ05S5016	B- Horizon	MCianci	13-Aug-05	647986	6470937	6	Dry	Colluvium	Moss	Steep	None	None	0.012	0.08	5.1	63	125.5	196.5	0.05	7.05	
KZ05S5017	B- Horizon	MCianci	13-Aug-05	647832	6470835	6	Moist	Colluvium	Moss	Steep	None	None	0.004	0.16	4	43	119.5	127	0.07	5.29	
KZ05S5018	B- Horizon	MCianci	13-Aug-05	647673	6470781	6	Moist	Colluvium	Grass	Steep	None	None	0.001	0.12	5.7	56	130	135	0.06	10.15	
KZ05S5019	B- Horizon	MCianci	13-Aug-05	647468	6470744	7	Dry	Colluvium	Grass	Steep	None	None	0.001	0.14	11.4	63	109	171.5	0.04	13.05	
KZ05S5020	B- Horizon	MCianci	13-Aug-05	647283	6470715	8	Moist	Colluvium	Grass	Medium	Low	None	0.005	0.27	6.4	69	88.8	144	0.08	92.2	Duplicate taken.
KZ05S5022	B- Horizon	MCianci	13-Aug-05	647073	6470730	5	Dry	Colluvium	Grass	Medium	None	None	0.003	0.26	12.6	69	131.5	222	0.11	23.1	Sample taken on rocky slope with little soil development.
KZ05S5023	B- Horizon	MCianci	13-Aug-05	646872	6470740	7	Moist	Colluvium	Grass	Medium	Low	None	0.006	0.53	9.4	68	31.7	326	0.04	7.51	Last sample (south) along MAC-1.
KZ05S5024	B- Horizon	MCianci	14-Aug-05	648701	6473958	7	Moist	Colluvium	Grass	Medium		None	0.0005	0.05	1.6	62	132.5	12.4	0.06	0.7	First sample north of camp along MAC-2
KZ05S5026	B- Horizon	MCianci	14-Aug-05	648648	6474140	5	Moist	Colluvium	Grass	Medium		None	0.001	0.07	2.3	50	73.2	7.5	0.03	0.25	Sample taken at base of outcrop but looks tilly.
KZ05S5027	B- Horizon	MCianci	14-Aug-05	648637	6474345	5	Moist	Colluvium	Grass	Steep		None	0.0005	0.03	1.7	49	77.2	8.6	0.02	0.4	
KZ05S5028	B- Horizon	MCianci	14-Aug-05	648560	6474503	6	Moist	Colluvium	Grass	Medium		None	0.0005	0.05	1.8	51	83.6	13.4	0.03	0.61	
KZ05S5029	B- Horizon	MCianci	14-Aug-05	648386	6474665	8	Moist	Colluvium	Grass	Medium		None	0.0005	0.04	1.8	49	72.8	8.5	0.03	0.46	
KZ05S5030	B- Horizon	MCianci	14-Aug-05	648300	6474908	5	Dry	Colluvium	Moss	Steep		Leaves	0.001	0.14	2.6	41	83.5	9.5	0.04	0.41	Sampled steep ridge between creeks.
KZ05S5031	B- Horizon	MCianci	14-Aug-05	648385	6475119	7	Dry	Colluvium	Moss	Medium		None	0.0005	0.06	2.3	45	107.5	8.3	0.02	0.42	Dropped down and sampled base of ridge between
KZ05S5032	B- Horizon	MCianci	14-Aug-05	648342	6475227	6	Moist	Colluvium	Grass	Medium		Leaves	0.0005	0.08	4.2	48	83.2	10.2	0.02	0.49	Sample taken at clearing within trees.
KZ05S5033	B- Horizon	MCianci	14-Aug-05	648350	6475342	6	Moist	Colluvium	Grass	Medium		Leaves	0.0005	0.07	3.4	47	85.6	7	0.01	0.28	Last sample (north) along MAC-2.

APPENDIX VI

QUALITY CONTROL / QUALITY ASSURANCE

QUALITY ASSURANCE / QUALITY CONTROL

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.

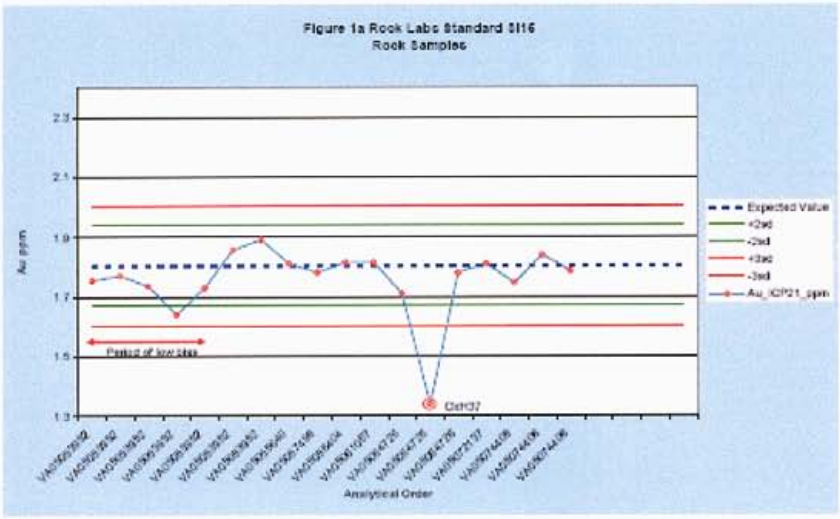
Reference Materials

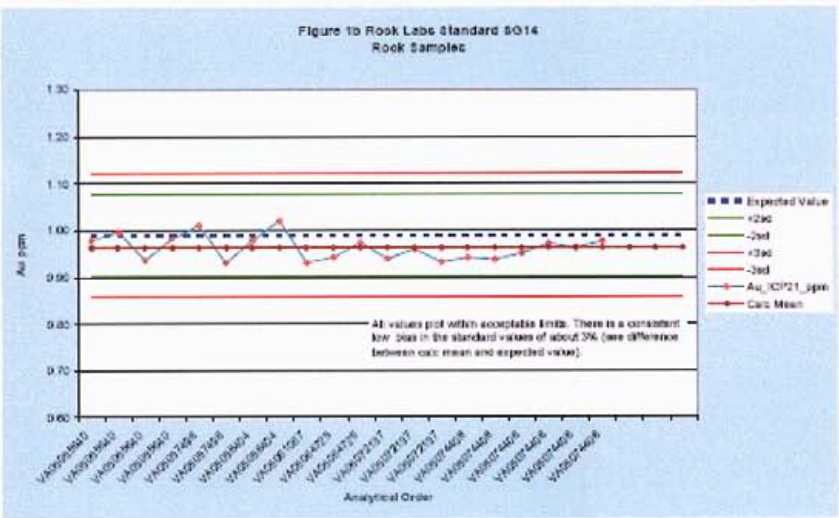
Table 1 summarizes the reference materials used on the 2005 Kizmet Program.

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.





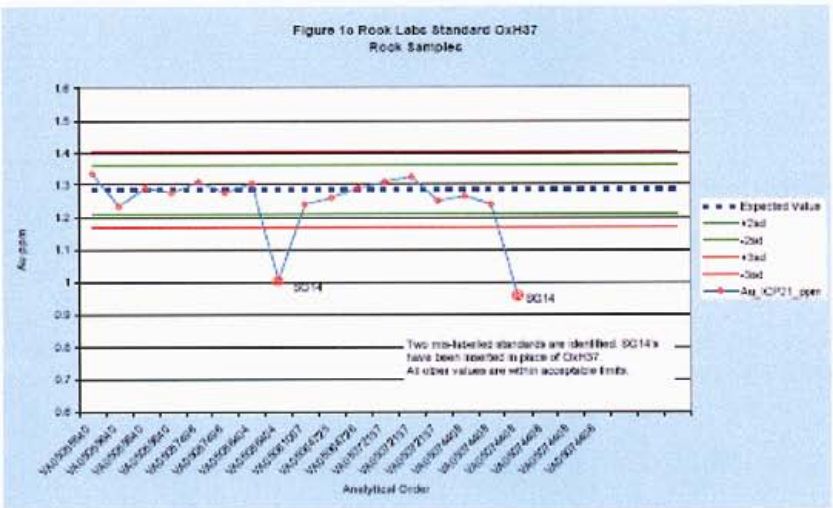


Figure 1. Standard Results

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.

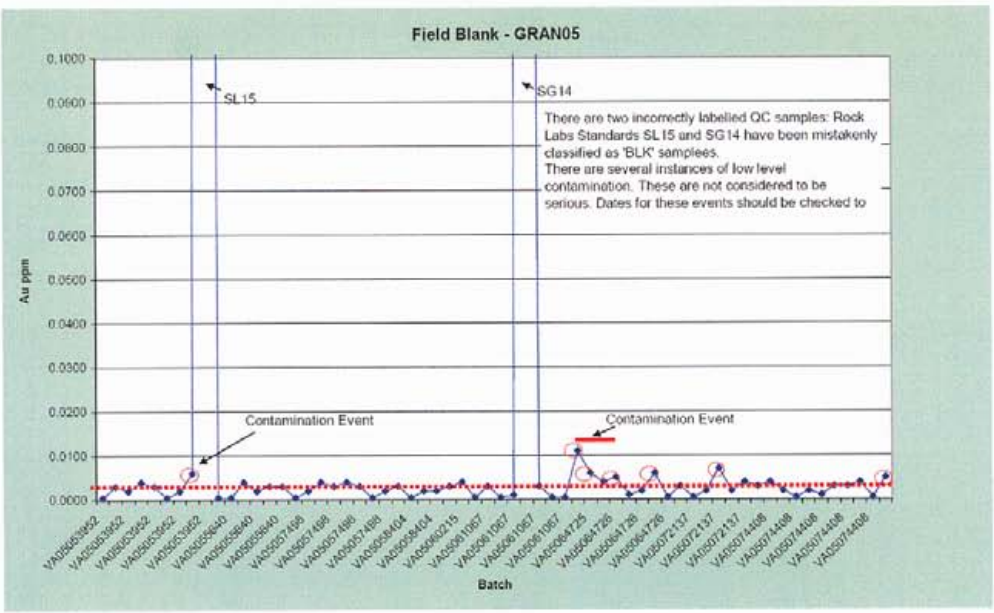


Figure 2 Control Graph for Field Blank GRAN05

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.

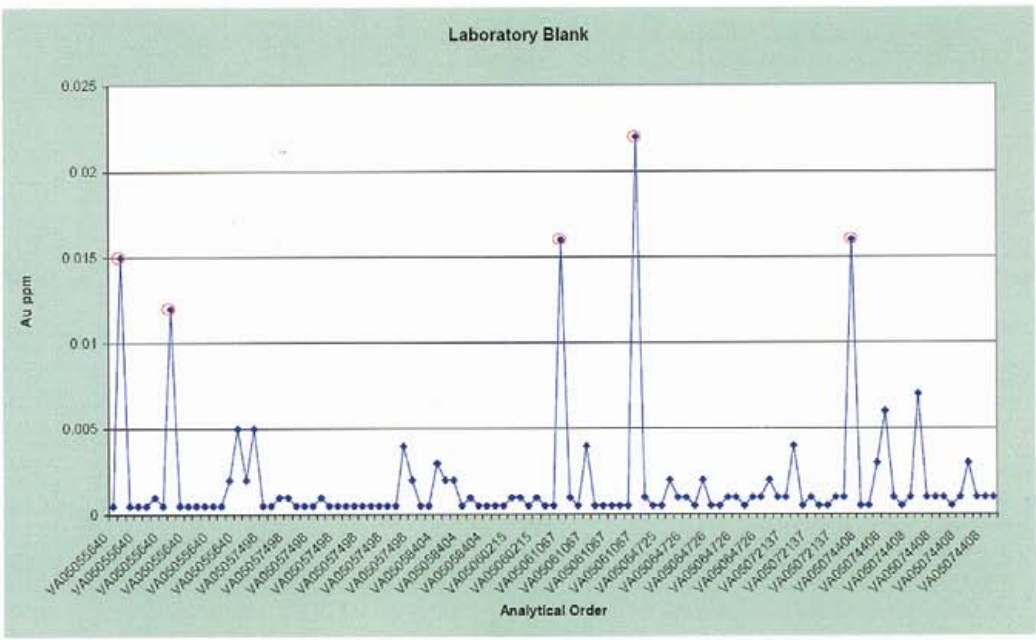


Figure 3 Results of the reported laboratory blank samples.

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.

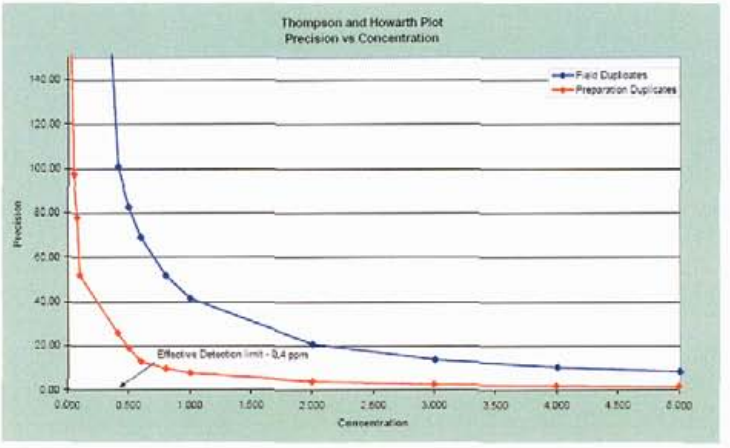
The preparation lab obtains the preparation duplicate by taking two splits from the coarse reject, pulverizing both splits as separate samples, and analyzing

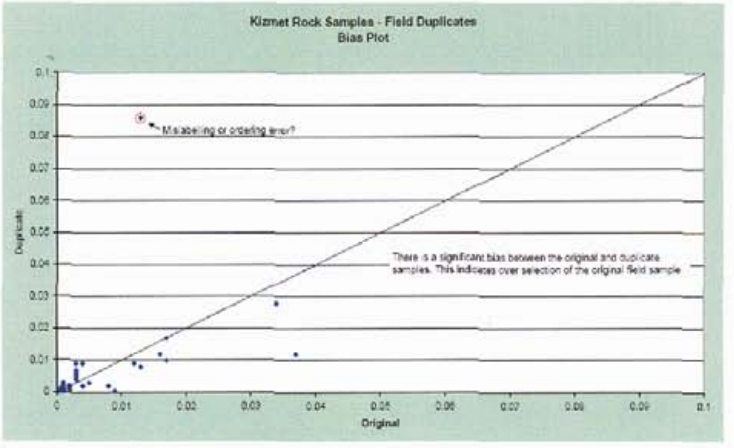
both. This duplicate will contain the errors of splitting in the lab and of analysis. The two levels of duplicates can be compared by use of a Thompson-Howarth precision vs. concentration chart, and the sources of greatest error quantified.

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.