

African Mineral Standards

Certificate of Analysis

Copper Sulphide Ore
Reference Material from Lonshi
Democratic Republic of the Congo

AMIS0071

Recommended Concentration and two "Between Laboratory" Standard Deviations

Certified Concentrations

Cu (F)	8657	+-	482	ppm
Cu (P)	8675	+-	568	ppm
Cu (T/ICP)	8874	+-	630	ppm
Cu (XRF)	8795	+-	828	ppm
Specific Gravity	2.73	+-	0.10	g/cc

Provisional Concentrations

Ag (T)	2.22	+-	0.78	ppm
As (T/ICP)	3.1	+-	1.7	ppm
Ni (T/ICP)	52	+-	7.4	ppm
Ni (XRF)	50.3	+-	7.5	ppm
Pb (T/ICP)	9.2	+-	2.1	ppm
U (T/ICP)	2.4	+-	0.4	ppm
Zn (T/ICP)	319	+-	54	ppm
Zn (XRF)	316	+-	33	ppm

Indicated Means

Au (Pb Collection)	0.04	g/t
Co (P)	6.5	ppm
Co (T/ICP)	9.1	ppm

Additional uncertified major and trace element data is on p2 and in the appendix of this certificate.

Intended Use: AMIS0071 is suitable to monitor the accuracy of a single analysis of copper ore. The material can be used for routine quality control by inserting within a batch of samples, method development and for the calibration of equipment.

The recommended mean and "Between Lab" standard deviations for this standard reflect the average results from the laboratories that participated in the round robin. Slight variations in analytical procedures between laboratories will reflect as slight biases to the recommended concentrations and this is acceptable. Good laboratories however will report results within the two standard deviation levels with a failure of <10 %.

Origin of Material: This standard was made using sulphide ore sourced from the Lonshi Copper Mine which is owned and operated by Compagnie Miniere du Sakania sprl (Comisa), a wholly owned Congolese subsidiary of First Quantum Minerals Ltd (FQM). The mine is situated in the Congo Pedicle region of the Province of Katanga, Democratic Republic of the Congo.

Lonshi is a sediment hosted, structurally controlled deposit of Copperbelt type. In contrast to other Copperbelt deposits, Lonshi is interpreted to occur at or near the upper contact of the Upper Roan Group where a sheared and tectonised clastic unit, the Lonshi Conglomerate, is in thrust contact with overlying carbonaceous, silty, dolomitic marbles. This folded and thrust contact is the locus for mineralization which occurs in both the conglomerate and the intensely weathered dolomite.

(for more information, refer to Form 43-101F1 Technical Report, The Lonshi Copper Mine, Katanga Province, Democratic Republic of the Congo, March 26th 2003, Alan J. Stephens Vice President, Exploration, and G. Clive Newall, President, First Quantum Minerals Ltd.)

Mineral and Chemical Composition: Primary sulphide mineralization, mainly chalcopyrite, occurs as carbonate clast replacement in the conglomerate, and as disseminations and rare veinlets in both conglomerate and dolomite. Supergene enrichment and subsequent deep oxidation, has resulted in complete carbonate destruction in the dolomite, within the weathering zone, and formation of chalcocite now largely oxidized to malachite and black Cu oxide minerals.

Fifteen laboratories returned additional major and trace element data. This has not been certified but the iterated statistics are presented below (the trace element data is in the appendix). The major element chemistry was largely tested using X-Ray Fluorescence techniques and can be used to assist with instrument calibration.

	%	2SD	RSD%	n
Al ₂ O ₃	2.27	0.09	1.9	92
CaO	1.11	0.05	2.3	95
Cr ₂ O ₃	0.11	0.01	5.9	66
Fe ₂ O ₃	2.30	0.14	3.0	93
K ₂ O	0.74	0.04	2.5	87
LOI	2.51	0.32	6.4	70
MgO	1.64	0.05	1.6	77
MnO	0.09	0.01	6.1	103
Na ₂ O	0.04	0.04	52.1	53
P ₂ O ₅	0.06	0.03	21.5	96
S	0.12	0.01	4.4	46
SiO ₂	87.78	1.51	0.9	84
TiO ₂	0.23	0.02	4.4	104

Appearance: The material is a very fine Very Light Grey powder (Corstor Colour Gauge - 5Y 8/1).

Method of Preparation: The material was crushed, dry-milled and air-classified to 100% <54µm. Wet sieve particle size analysis of random samples confirmed the material was 100% <54µm. It was then blended in a bi-conical mixer, systematically divided and then sealed into 1kg Laboratory Packs. Explorer Packs are subdivided from the Laboratory packs as required. Samples were randomly selected for homogeneity testing and third party analysis. Statistical analysis of both homogeneity and the consensus test results were carried out by an independent statistician.

Methods of Analysis:

1. Cu, Fusion AAS or ICP-OES.
2. Multi-acid digest multi-element scan - (to include Cu, Co, Ni, Pb, As, Zn, Ag, U.). ICP-OES or ICP-MS.
3. Aqua regia digest - Cu, Co. ICP-OES or ICP-MS.
4. Pressed pellet multi-element scan - (to include Cu, Co, Ni, Pb, As, Zn, Ag, U.). XRF.
5. Fusion (Majors). XRF.
6. Au. Pb collection ICP-OES or ICP-MS.
7. SG. Gas pycnometer.

Method of Certification: Twenty one laboratories were each given eight randomly selected packages of sample. Results from the nineteen laboratories that reported back were used for the determinations in the tables below

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ± 2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual “between-laboratory” standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards. Standards with an RSD of near or less than 5 % are certified, RSD's of between near 5 % and 15 % are Provisional, and RSD's over 15 % are Indicated.

Participating Laboratories: (Not in the same order as in the table of assays)

1. ACME Analytical Laboratories Ltd., (Canada).
2. Activation Laboratories Ltd., (ActLabs, Ancaster, ON, Canada).
3. Alex Stewart International Corporation (Zambia)
4. ALS Chemex South Africa (Pty) Ltd.
5. ALS Chemex, (Vancouver, Canada).
6. Amdel Limited, (Perth, Australia).
7. Anglo Research (Crown Campus, South Africa).

8. Assayers Canada, (Vancouver).
9. Genalysis Laboratory Services (Pty) Ltd., (Australia).
10. Geoscience Laboratories, (Geo Labs, Sudbury, Canada).
11. Geoservice Centre, Geolaboratory, (GTK. Finland).
12. Nkomati JV Laboratory
13. OMAC Laboratories (Ireland).
14. Pt Intertek Utama Services (Intertek, Indonesia)
15. Set Point Laboratories (Pty) Ltd (South Africa)
16. SGS Lakefield Research (Canada)
17. SGS Lakefield Research Africa (Pty) Ltd. (Joburg, South Africa)
18. SGS Welshpool (Australia).
19. Ultra Trace (Pty) Ltd. (Australia)

Assay Data: Data as received from the laboratories for the important certified elements listed on p1 is set out below. A proficiency report has been sent to the managers of the participating laboratories. Additional data from this round robin is available on request.

Lab Code	Ag M/ICP ppm	As M/ICP ppm	Au Pb Coll ppm	Co (P) P/ICP ppm	Co M/ICP ppm	Cu F ppm	Cu P/ICP ppm	Cu M/ICP ppm	Cu XRF ppm	Ni M/ICP ppm	Ni XRF ppm	Pb M/ICP ppm	Specific Gravity g/cc	U M/ICP ppm	Zn M/ICP ppm	Zn XRF ppm
A	2.00	4.00	0.04	8.00	10.00	8850	8620	8760	8547	54	63	10.0	2.67	2.50	318	305
A	2.00	4.00	0.04	6.00	10.00	8650	8760	8650	8707	54	63	10.0	2.67	2.50	318	313
A	2.00	4.00	0.04	6.00	10.00	8700	8690	8650	8707	52	63	11.0	2.62	2.50	318	305
A	2.00	3.00	0.04	6.00	10.00	8750	8750	8810	8547	52	55	10.0	2.63	2.50	316	305
A	2.00	4.00	0.04	6.00	10.00	8600	8650	8690	8627	54	55	11.0	2.63	2.50	316	305
A	2.00	4.00	0.04	8.00	10.00	8750	8600	8860	8627	52	55	10.0	2.64	2.50	314	305
A	2.00	4.00	0.04	8.00	10.00	8800	8620	8780	8627	54	55	10.0	2.63	2.50	316	313
A	2.00	3.00	0.04	6.00	10.00	8800	8750	8640	8627	50	55	9.0	2.63	2.50	312	305
B	2.40	2.10	0.05	9.00	11.00	8670	8990	9360	9210	55	55	9.8	2.69	2.40	331	282
B	2.50	1.80	0.05	8.00	11.00	8220	9120	9220	9050	54	57	10.7	2.69	2.80	328	281
B	2.40	1.60	0.04	9.00	10.00	8820	9140	9470	9230	55	57	9.7	2.68	2.40	336	279
B	2.30	1.40	0.04	8.00	10.00	9090	9250	9060	9250	54	53	9.8	2.66	2.30	322	280
B	2.50	3.20	0.03	8.00	10.00	8690	9300	8850	9230	52	57	10.0	2.68	2.80	314	279
B	2.20	2.20	0.03	8.00	9.00	8750	9220	9040	9220	53	53	10.9	2.61	2.40	319	287
B	2.30	2.60	0.04	8.00	10.00	8830	9120	9210	9140	54	53	10.3	2.64	2.40	330	280
B	2.30	1.60	0.04	8.00	10.00	8780	9050	9040	9060	53	53	9.7	2.63	2.30	317	280
C	2.20		0.04			8900			9400	47	50		2.75		310	
C	2.20		0.04			8800			9500	48	48		2.75		320	
C	2.00		0.05			9200			9400	49	50		2.75		320	
C	2.10		0.05			8800			9600	51	49		2.77		330	
C	2.10		0.06			9000			9400	45	49		2.75		300	
C	2.30		0.05			9000			9600	47	50		2.75		310	
C	2.10		0.05			8900			9600	50	50		2.74		320	
C	2.20		0.04			9200			9400	42	51		2.74		280	
D	1.90	21.00	0.04		10.00	9300	8350	9909		57		15.7	2.57	2.30	393	
D	2.00	24.00	0.04		9.00	9200	8390	9747		51		10.3	2.33	2.60	371	
D	2.00	22.00	0.04		10.00	8900	8420	9676		52		9.9	2.48	2.30	364	
D	1.90	21.00	0.04		10.00	9500	8580	9763		52		11.3	2.30	2.20	360	
D	2.00	17.00	0.04		10.00	9500	8300	9886		51		8.8	2.53	2.40	364	
D	2.00	15.00	0.03		10.00	8900	8320	9680		59		9.7	2.58	2.50	320	
D	2.00	15.00	0.04		9.00	9000	8440	10022		52		8.1	2.35	2.40	357	
D	1.90	12.00	0.03		10.00	9500	8530	9880		51		8.3	2.40	2.30	350	
E	5.00	11.48	0.05	6.00	6.40	8300	7980	8419	8400	60	47	13.4	2.74	3.36	359	340
E	5.00	9.71	0.04	6.00	7.93	8000	8295	8664	8400	60	48	26.1	2.74	2.05	333	333
E	7.00	10.06	0.04	5.00	8.27	8200	8400	8910	8400	63	48	13.0	2.73	2.27	356	339
E	5.00	9.73	0.04	5.00	8.36	8300	8295	8746	8400	63	48	14.3	2.75	2.44	371	344
E	6.00	9.79	0.04	4.00	10.57	8300	8400	8501	8400	58	48	13.2	2.73	2.29	356	338
E	7.00	10.07	0.04	7.00	7.08	8300	8610	8664	8400	60	50	15.6	2.74	2.43	346	340
E	7.00	9.79	0.04	5.00	11.42	8200	8295	8828	8400	62	47	16.1	2.76	2.51	374	341
E	6.00	10.76	0.04	5.00	9.12	8300	8295	8746	8400	60	47	20.9	2.74	2.50	350	347

Lab Code	Ag M/ICP ppm	As M/ICP ppm	Au Pb Coll ppm	Co (P) P/ICP ppm	Co M/ICP ppm	Cu F ppm	Cu P/ICP ppm	Cu M/ICP ppm	Cu XRF ppm	Ni M/ICP ppm	Ni XRF ppm	Pb M/ICP ppm	Specific Gravity g/cc	U M/ICP ppm	Zn M/ICP ppm	Zn XRF ppm
F	3.20				9.99					40		10.0			280	
F	3.00				9.95					40		19.9			289	
F	3.00				9.98					40		20.0			269	
F	3.00				9.93					40		19.9			268	
F	3.00				9.94					40		29.8			288	
F	3.00				9.93					40		19.9			268	
F	3.00				9.96					40		10.0			278	
F	3.20				9.99					40		20.0			270	
G	1.50	3.00	0.05	4.00	7.70	8877	8852	8676	9207	92	47	12.0	2.79		341	308
G	1.60	2.00	0.04	4.00	7.30	8851	8921	8631	8995	52	47	9.0	2.75		330	308
G	1.50	3.00	0.04	4.00	7.20	8797	8670	8727	9143	51	48	9.0	2.77		335	311
G	1.60	2.00	0.04	4.00	7.10	8882	8685	8787	9198	53	48	8.0	2.79		334	310
G	1.60	2.00	0.04	4.00	7.40	8907	8854	8845	9013	52	48	8.0	2.79		333	307
G	1.60	2.00	0.03	4.00	7.60	8754	8610	8675	9164	52	48	9.0	2.75		330	311
G	1.60	2.00	0.04	4.00	7.50	8848	8524	8891	9055	54	47	9.0	2.77		340	306
G	1.60	2.00	0.04	4.00	7.50	8787	8420	8902	9209	56	48	9.0	2.73		344	308
H			0.04	7.00	9.00	8500	8500			49			2.73		310	
H			0.04	6.00	10.00	8500	8600			49			2.75		270	
H			0.05	6.00	9.00	8700	8400			47			2.75		280	
H			0.05	6.00	9.00	8500	8500			49			2.75		270	
H			0.04	6.00	10.00	8300	8600			49			2.73		290	
H			0.04	6.00	9.00	8500	8600			46			2.73		280	
H			0.04	6.00	9.00	8700	8600			48			2.74		270	
H			0.05	7.00	10.00	8400	8500			47			2.74		280	
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J		3.57	0.05		8.65	8920	9200	7870	8768	46	53	9.5			296	327
J		3.22	0.04		8.45	8900	9230	7920	8703	47	55	8.5			289	330
J		2.71	0.04		7.97	8820	9100	7820	8727	45	56	8.6			287	329
J		2.32	0.04		8.12	8870	9110	7890	8714	44	53	8.9			283	327
J		2.71	0.04		8.07	8850	9120	7900	8840	45	59	8.6			284	329
J		2.61	0.04		8.45	8940	8990	7950	8771	49	55	8.8			297	325
J		2.69	0.04		8.05	8810	9020	7870	8789	45	50	8.2			288	330
J		3.46	0.04		8.64	8980	8850	7860	8794	51	62	9.1			299	331
K	6.00		0.05			8340	8290	8590		60					290	
K	2.00		0.05			8340	8800	8570		50					280	
K	4.00		0.04			8340	8760	8720		50					290	
K			0.04			8280	8710	8940		50					300	
K			0.04			8550	8880	8900		50					300	
K	2.00		0.04			8510	8740	9190		50					310	
K	2.00		0.04			8550	8860	8460		50					280	
K	2.00		0.04			8400	8520	8350		60					290	
L	2.00		0.05	6.00	8.00	8570	8590	8870	8660	53	50	10.0	2.65		321	320
L	2.00		0.04	7.00	7.00	8660	8560	8460	8620	49	50	10.0	2.71		307	310
L	2.10		0.03	7.00	7.00	8630	8890	8990	8570	53	50	10.0	2.74		329	310
L	2.00		0.04	6.00	7.00	8630	8770	8770	8610	53	50	14.0	2.70		320	320
L	2.00		0.04	7.00	8.00	8590	9020	8900	8560	54	50	8.0	2.67		320	310
L	2.10		0.04	7.00	8.00	8640	8780	8740	8570	52	40	9.0	2.86		314	310
L	2.10		0.04	6.00	7.00	8650	8880	8870	8560	53	50	11.0	2.73		320	310
L	2.20		0.04	7.00	8.00	8500	8960	8530	8620	50	50	9.0	2.75		305	320
M	2.10		0.05	6.00	16.00	8710	8980	8790		65			3.03	1.98	345	
M	2.20		0.04	6.00	10.00	8750	9030	9300		59			2.98	2.02	353	
M	2.20		0.04	6.00	9.00	8800	9100	9370		60			3.04	2.13	354	
M	2.20		0.04	6.00	9.00	8740	8960	9320		61			3.04	2.07	370	
M	2.20		0.04	6.00	9.00	8460	9190	9290		60			3.03	2.22	357	
M	2.20		0.04	6.00	9.00	8600	9080	9070		60			3.04	2.07	350	
M	2.20		0.05	5.00	9.00	8630	8980	9270		59			3.09	2.04	353	
M	2.20		0.03	5.00	10.00	8910	8810	9090		61			3.02	2.07	354	
N	2.20		0.05	7.00	10.00		8470	9350		54		11.0			324	
N	2.10		0.04	7.00	10.00		8480	9420		53		10.0			328	
N	2.10		0.05	7.00	10.00		8500	9390		52		9.0			323	
N	2.00		0.06	7.00	10.00		8570	9470		51		9.0			324	
N	2.10		0.04	7.00	10.00		8530	9500		53		9.0			329	
N	2.10		0.05	7.00	10.00		8440	9420		53		10.0			325	
N	2.10		0.04	7.00	10.00		8580	9380		53		9.0			322	
N	2.10		0.04	7.00	9.00		8500	9370		53		9.0			323	

Lab Code	Ag M/ICP ppm	As M/ICP ppm	Au Pb Coll ppm	Co (P) P/ICP ppm	Co M/ICP ppm	Cu F ppm	Cu P/ICP ppm	Cu M/ICP ppm	Cu XRF ppm	Ni M/ICP ppm	Ni XRF ppm	Pb M/ICP ppm	Specific Gravity g/cc	U M/ICP ppm	Zn M/ICP ppm	Zn XRF ppm
O	2.80	4.70	0.06	7.00	10.30	7450	8372	8305		50		5.2		2.40	315	
O	2.70	4.20	0.04	7.00	10.40	8340	8459	8446		51		6.6		2.60	318	
O	2.60	4.50	0.03	7.00	10.30	7230	8404	8315		51		8.8		2.50	313	
O	2.60	4.00	0.04	7.00	9.80	8440	8337	8052		49		4.4		2.40	304	
O	2.70	4.30	0.03	7.00	10.50	8100	8439	8499		52		7.0		2.50	322	
O	2.70	4.30	0.03	7.00	10.20	8390	8391	8387		51		7.7		2.50	316	
O	2.60	4.70	0.05	7.00	10.70	8910	8423	8503		51		9.3		2.70	319	
O	2.60	4.70	0.04	7.00	10.90	8560	8558	8603		52		6.2		2.50	321	
P	2.10	3.91	0.04	6.71	8.37		8886	9100		54		8.6		1.95		332
P	2.18	3.36	0.05	6.74	8.33		8944	8982		53		8.4		1.89		330
P	2.06	3.20	0.05	6.72	8.38		8870	9030		54		8.3		1.97		329
P	2.04	2.85	0.04	6.73	8.28		8826	8937		53		9.1		2.01		325
P	2.13	2.89	0.04	6.82	8.35		8837	9045		53		8.5		1.99		324
P	2.04	2.84	0.04	6.65	8.36		8862	8972		53		8.6		1.97		318
P	2.09	3.07	0.07	6.76	8.68		8791	9076		55		8.4		1.96		325
P	2.07	2.92	0.05	6.82	8.36		8797	9064		54		8.5		2.11		322
Q																
Q																
Q																
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Q																
Q																
R				8.28			8246									
R				6.29			8430									
R				6.21			8443									
R				7.48			8155									
R				9.65			8168									
R				5.11			8160									
R				5.16			8314									
R				7.11			8195									
S	2.86	3.50		3.50	7.00	8520	5920	8790	7600	53		11.0		2.55	426	
S	2.88	3.20		3.80	7.00	8650	5980	8530	7600	50		7.0		2.33	348	
S	2.88	3.00		3.60	6.00	8480	6060	8500	7600	47				2.19	325	
S	2.81	2.70		3.60	7.00	8380	6080	8390	7200	46				2.09	316	
S	2.82	2.90		3.60	7.00	8540	6070	8890	7600	50				2.20	341	
S	2.78	2.90		3.50	7.00	8460	5980	8800	7300	50				2.19	353	
S	2.83	2.70		3.60	7.00	8420	6230	8500	7200	47		6.0		2.05	327	
S	2.82	3.00		3.40	7.00	8560	6030	9040	7200	51		11.0		2.27	354	
T			0.05										2.77			
T			0.05										2.78			
T			0.05										2.82			
T			0.05										2.79			
T			0.05										2.79			
T			0.05										2.82			
T			0.05										2.80			
T			0.05										2.78			
U	1.92			5.72	8.20	8842			8211	49	45	8.7		2.26	249	289
U	2.01			6.03	8.30	8882			8195	48	45	8.5		2.23	257	282
U	1.94			5.74	8.50	8637			8198	50	45	8.7		2.25	263	284
U	1.93			5.55	8.60	8692			8127	50	45	8.6		2.20	261	284
U	1.94			6.30	8.50	8383			8149	50	44	9.0		2.34	266	287
U	1.98			6.25	8.50	8845			8195	50	45	8.7		2.28	265	285
U	1.88			5.87	8.60	9155			8227	51	46	9.0		2.19	269	289
U	1.95			6.14	8.90	8998			8218	53	45	8.8		2.19	282	287

Availability: This product is available in Laboratory Packs containing 1kg of material or in Explorer Packs containing client specified weights of material (from 50g up to 250g). Laboratory Packs are sealed bottles delivered in sealed foil pouches. Explorer Packs contain material in standard geochem envelopes placed into foil pouches that are nitrogen flushed and vacuum sealed.

Legal Notice: This certificate and the reference material described in it have been prepared with due care and attention. However AMIS, Set Point Technology (Pty) Ltd, Mike McWha, Dr Barry Smee and Smee and Associates Ltd; accept no liability for any decisions or actions taken following the use of the reference material.

19 January 2008

Certifying Officers:



African Mineral Standards: _____
Mike McWha
BSc (Hons), FGSSA, MAusIMM, Pr.Sci.Nat



Geochemist: _____
Barry W. Smee
BSc, PhD, P.Geo, (B.C.)

APPENDIX

Additional trace element statistics.

	mean	2SD	RSD%	n	unit
Al M/ICP	1.17	0.22	9.3	29	ppm
Au Pb coll	41.7	10.0	12.0	60	ppb*
Ba M/ICP	497	69	6.9	48	ppm
Ca M/ICP	0.789	0.082	5.2	24	ppm
Ce M/ICP	17.8	4.8	13.4	32	ppm
Cr M/ICP	500	142	14.2	16	ppm
Fe M/ICP	1.67	0.20	5.9	16	ppm
Ga M/ICP	3.39	0.98	14.4	32	ppm
K M/ICP	0.580	0.214	18.4	32	ppm
La M/ICP	9.05	2.19	12.1	32	ppm
Li M/ICP	16.2	1.4	4.4	31	ppm
Mg M/ICP	0.979	0.070	3.6	31	ppm
Mn M/ICP	704	51	3.6	31	ppm
Mo M/ICP	3.20	1.05	16.5	31	ppm
Na M/ICP	262	56	10.6	22	ppm
Nb M/ICP	3.01	1.36	22.6	32	ppm
Nd M/ICP	7.49	1.73	11.5	16	ppm
P M/ICP	234	28	6.0	31	ppm
Pr M/ICP	1.97	0.36	9.0	16	ppm
Rb M/ICP	20.4	5.0	12.2	32	ppm
Sb M/ICP	8.05	1.04	6.4	31	ppm
Sc M/ICP	3.23	0.73	11.4	38	ppm
Sm M/ICP	1.39	0.31	11.2	16	ppm
Sn M/ICP	1.68	0.35	10.3	31	ppm
Sr M/ICP	22.6	1.7	3.8	40	ppm
Th M/ICP	2.67	0.56	10.4	32	ppm
Ti M/ICP	987	528	26.7	24	ppm
V M/ICP	32.3	3.0	4.7	40	ppm
Y M/ICP	4.45	1.35	15.2	40	ppm
Zr M/ICP	40.4	6.8	8.5	32	ppm

* NB - These ppb results are for information purposes. Based on the lab results Au is officially certified as "Indicated" 0.04 g/t.