



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

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Finalized Date: 27-OCT-2008
Account: NUPRES

QC CERTIFICATE AS08133618

Project: Alieron / Nappleg

P.O. No.: 2008/11 (266176)

This report is for 56 Rock samples submitted to our lab in Alice Springs, NT, Australia on 22-SEP-2008.

The following have access to data associated with this certificate:

WARRICK RAFFERTY

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LEV-02	Remote Lab Surcharge
LEV-01	Waste Disposal Levy
WSH-22	"Wash" pulverizers
PUL-23	Pulv Sample - Split/Retain
CRU-21	Crush entire sample >70% -6 mm
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **NUPOWER RESOURCES LTD**
ATTN: WARRICK RAFFERTY
GPO BOX 2552
DARWIN NT 0801

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.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Wayne Abbott, Operations Manager, Western Australia



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QC CERTIFICATE OF ANALYSIS AS08133618

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
Sample Description															
STANDARDS															
G2000	3.84	4.99	491	2400	1.59	1.18	0.61	7.89	56.9	25.9	101	12.55	299	3.86	14.10
G2000	3.54	5.14	484	2370	1.43	1.10	0.63	7.35	54.9	24.7	112	11.70	307	4.00	13.35
Target Range - Lower Bound	3.22	4.52	435	2000	1.25	0.98	0.51	6.82	47.9	22.6	90	11.10	273	3.46	11.65
Upper Bound	3.96	5.54	533	2720	1.63	1.22	0.65	8.38	58.5	27.8	112	13.70	334	4.26	14.35
GBM999-5	55.4	4.88	3.5	180	1.26	0.56	0.10	0.20	25.4	3.3	6	0.75	481	3.16	16.50
Target Range - Lower Bound	53.5	4.26	3.0	140	1.12	0.50	0.08	0.17	23.6	2.9	4	0.69	429	2.67	14.70
Upper Bound	65.4	5.22	4.2	210	1.48	0.64	0.12	0.25	28.9	3.7	8	0.95	525	3.29	18.10
BLANKS															
BLANK	<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	0.01	<0.05
BLANK	<0.01	0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	0.01	<0.1	<1	<0.05	<0.2	0.01	<0.05
Target Range - Lower Bound	<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01	<0.05
Upper Bound	0.02	0.02	0.4	20	0.10	0.02	0.02	0.04	0.02	0.2	2	0.10	0.4	0.02	0.10
DUPLICATES															
12064	0.04	4.41	<0.2	590	1.19	0.01	9.26	0.02	59.5	4.5	4	1.24	4.2	1.28	11.3
DUP	0.05	4.14	<0.2	540	1.04	<0.01	8.73	0.03	60.8	4.7	4	1.26	4.4	1.22	10.70
Target Range - Lower Bound	0.03	4.05	<0.2	510	1.01	<0.01	8.54	<0.02	57.1	4.3	3	1.14	3.9	1.18	10.40
Upper Bound	0.06	4.50	0.4	620	1.22	0.02	9.45	0.04	63.2	4.9	5	1.36	4.7	1.32	11.60
12084	0.04	6.36	<0.2	440	2.3	0.12	0.71	<0.02	213	3.2	3	7.55	4	1.48	21.1
DUP	0.06	6.52	0.2	450	2.05	0.10	0.72	<0.02	212	3.1	8	7.30	4.1	1.48	20.3
Target Range - Lower Bound	0.04	6.11	<0.2	400	2.02	0.09	0.67	<0.02	202	2.9	4	7.00	3.6	1.40	19.60
Upper Bound	0.06	6.77	0.4	490	2.33	0.13	0.76	0.04	223	3.4	7	7.85	4.5	1.56	21.8
12099	0.04	7.35	<0.2	400	2.15	<0.01	1.15	0.02	105.5	5.9	13	11.75	6.3	2.47	18.05
DUP	0.07	6.73	<0.2	370	2.13	<0.01	1.05	0.02	104.5	6.0	11	12.10	6.5	2.26	17.70
Target Range - Lower Bound	0.04	6.68	<0.2	350	1.98	<0.01	1.04	<0.02	99.7	5.6	10	11.30	5.9	2.24	16.95
Upper Bound	0.07	7.40	0.4	420	2.30	0.02	1.17	0.04	110.5	6.3	14	12.55	6.9	2.49	18.80



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QC CERTIFICATE OF ANALYSIS AS08133618

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
STANDARDS															
G2000		0.16	1.5	0.433	1.29	29.9	44.1	0.77	580	6.52	0.17	12.2	295	980	662
G2000		0.17	1.2	0.401	1.32	30.0	38.9	0.76	572	6.02	0.17	10.8	291	1020	680
Target Range - Lower Bound		0.09	1.1	0.355	1.14	25.9	37.0	0.67	506	5.62	0.12	10.4	246	870	603
Upper Bound		0.22	1.6	0.445	1.42	32.7	45.6	0.85	630	6.98	0.16	13.0	302	1080	738
GBM999-5		0.13	0.8	0.027	3.64	15.3	3.3	0.04	68	4.24	1.00	6.3	4.8	50	531
Target Range - Lower Bound		0.07	0.6	0.022	3.10	11.8	2.8	0.03	54	3.77	0.83	5.3	3.8	40	487
Upper Bound		0.19	1.0	0.038	3.81	15.6	3.8	0.05	78	4.71	1.03	6.7	5.0	70	597
BLANKS															
BLANK		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5
BLANK		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5
Target Range - Lower Bound		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5
Upper Bound		0.10	0.2	0.010	0.02	1.0	0.4	0.02	10	0.10	0.02	0.2	0.4	20	1.0
DUPLICATES															
12064		0.11	2.5	0.027	2.75	23.1	11.4	0.5	161	0.11	1.13	8	1.5	690	18.9
DUP		0.17	2.4	0.025	2.63	24.2	10.6	0.47	154	0.11	1.10	8.3	2.1	650	18.1
Target Range - Lower Bound		0.08	2.2	0.020	2.55	22.0	10.3	0.45	145	<0.05	1.05	7.6	1.5	630	17.1
Upper Bound		0.20	2.7	0.032	2.83	25.3	11.8	0.52	170	0.17	1.18	8.7	2.1	710	19.9
12084		0.27	7.3	0.052	4.43	104.5	28.8	0.15	170	0.31	1.41	9.3	3.1	570	61.1
DUP		0.29	7.2	0.050	4.34	106.5	25.0	0.16	171	0.30	1.46	9.2	3.0	580	58.4
Target Range - Lower Bound		0.22	6.8	0.043	4.16	99.7	25.4	0.14	157	0.24	1.35	8.7	2.7	540	56.3
Upper Bound		0.34	7.7	0.059	4.61	111.5	28.4	0.17	184	0.37	1.52	9.8	3.4	610	63.2
12099		0.21	4.7	0.024	3.75	50.8	28.6	0.34	250	0.81	1.51	10.5	6.9	490	37.1
DUP		0.21	4.6	0.024	4.04	51.2	29.0	0.31	230	0.82	1.42	10.6	7.1	440	37.7
Target Range - Lower Bound		0.15	4.3	0.018	3.69	48.0	27.2	0.30	223	0.72	1.38	9.9	6.5	430	35.0
Upper Bound		0.27	5.0	0.030	4.10	54.1	30.4	0.35	257	0.91	1.55	11.2	7.6	500	39.8



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QC CERTIFICATE OF ANALYSIS AS08133618

Method Analyte Units Sample Description	ME-MS61 Re ppm	ME-MS61 S %	ME-MS61 Sb ppm	ME-MS61 Sc ppm	ME-MS61 Se ppm	ME-MS61 Sn ppm	ME-MS61 Sr ppm	ME-MS61 Ta ppm	ME-MS61 Te ppm	ME-MS61 Th ppm	ME-MS61 Ti %	ME-MS61 Tl ppm	ME-MS61 U ppm	ME-MS61 V ppm	ME-MS61 W ppm
LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
STANDARDS															
G2000	0.006	0.28	36.5	12.6	5	2.5	120.0	0.87	0.15	7.6	0.348	1.10	3.7	109	20.3
G2000	0.006	0.28	33.8	11.7	5	2.2	120.5	0.78	0.16	7.9	0.355	1.01	3.5	107	19.8
Target Range - Lower Bound	0.003	0.23	29.3	10.3	4	1.8	104.5	0.65	0.09	6.4	0.314	0.84	2.9	94	15.2
Upper Bound	0.009	0.30	39.7	12.8	7	2.6	128.0	0.91	0.22	8.2	0.395	1.18	3.7	117	20.8
GBM999-5	0.007	0.30	5.55	1.9	2	1.6	17.9	0.29	0.29	5.1	0.020	1.96	2.2	8	2.8
Target Range - Lower Bound	0.003	0.26	4.78	1.7	<1	1.3	14.5	0.26	0.21	4.4	0.013	1.75	1.8	5	2.1
Upper Bound	0.008	0.34	6.58	2.3	3	2.1	18.2	0.42	0.37	5.8	0.027	2.41	2.4	9	3.0
BLANKS															
BLANK	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005	<0.02	<0.1	<1	<0.1
BLANK	0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005	0.03	<0.1	<1	<0.1
Target Range - Lower Bound	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005	<0.02	<0.1	<1	<0.1
Upper Bound	0.004	0.02	0.10	0.2	5	0.4	0.4	0.10	0.10	0.4	0.010	0.04	0.2	2	0.2
DUPLICATES															
12064	<0.002	0.01	0.05	4.4	1	2.1	154	0.72	<0.05	20.2	0.149	0.58	14.6	13	0.6
DUP	<0.002	0.01	<0.05	4.4	1	2.1	151.0	0.72	<0.05	20.4	0.144	0.59	14.4	13	0.6
Target Range - Lower Bound	<0.002	<0.01	<0.05	4.1	<1	1.8	144.5	0.63	<0.05	19.1	0.134	0.52	13.7	11	0.5
Upper Bound	0.004	0.02	0.10	4.7	2	2.4	160.5	0.81	0.10	21.5	0.159	0.65	15.3	15	0.7
12084	<0.002	<0.01	<0.05	5.9	1	16.5	60.3	1.01	<0.05	107	0.127	1.71	20.3	9	1.2
DUP	<0.002	<0.01	<0.05	5.5	1	16.0	59.1	0.97	<0.05	105.5	0.125	1.62	19.3	9	1.2
Target Range - Lower Bound	<0.002	<0.01	<0.05	5.3	<1	15.2	56.5	0.89	<0.05	100.5	0.115	1.52	18.7	8	1.0
Upper Bound	0.004	0.02	0.10	6.1	2	17.3	62.9	1.09	0.10	112.0	0.137	1.81	20.9	10	1.4
12099	<0.002	0.01	<0.05	6.9	1	5.7	57.7	1.12	<0.05	42.6	0.246	1.9	11	31	0.5
DUP	<0.002	<0.01	<0.05	6.9	1	5.7	57.7	1.11	<0.05	42.4	0.234	1.97	11.1	30	0.7
Target Range - Lower Bound	<0.002	<0.01	<0.05	6.5	<1	5.2	54.6	1.01	<0.05	40.2	0.223	1.77	10.4	28	0.5
Upper Bound	0.004	0.02	0.10	7.3	2	6.2	60.8	1.22	0.10	44.8	0.257	2.10	11.7	33	0.7



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QC CERTIFICATE OF ANALYSIS AS08133618

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
STANDARDS				
G2000		25.2	1330	51.6
G2000		21.3	1340	42.1
Target Range - Lower Bound		21.1	1155	37.5
Upper Bound		26.0	1415	51.9
GBM999-5		12.4	116	21.9
Target Range - Lower Bound		10.3	102	16.4
Upper Bound		12.8	129	23.4
BLANKS				
BLANK		<0.1	<2	<0.5
BLANK		<0.1	<2	<0.5
Target Range - Lower Bound		<0.1	<2	<0.5
Upper Bound		0.2	4	1.0
DUPLICATES				
12064		17.8	15	71.4
DUP		18.1	14	73.9
Target Range - Lower Bound		17.0	12	68.5
Upper Bound		18.9	17	76.8
12084		25.1	32	202
DUP		25.0	31	197.5
Target Range - Lower Bound		23.7	28	189.5
Upper Bound		26.4	35	210
12099		30	38	142
DUP		30.8	37	138.5
Target Range - Lower Bound		28.8	34	132.5
Upper Bound		32.0	41	148.0



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QC CERTIFICATE OF ANALYSIS AS08133618

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.