



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

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Page: 1
Finalized Date: 6-MAR-2009
Account: NUPRES

QC CERTIFICATE AS09010788

Project: luckycreek p

P.O. No.: 2009/2

This report is for 131 Pulp samples submitted to our lab in Alice Springs, NT, Australia on 27-JAN-2009.

The following have access to data associated with this certificate:

WARRICK RAFFERTY

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LEV-01	Waste Disposal Levy
LOG-24	Pulp Login - Rcd w/o Barcode
CMP-23	Pulp Login - Composite Sample
HOM-01	Homogenise Sample

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF12p	Phosphates by XRF	XRF
ME-GRA05	H2O/LOI by TGA furnace	TGA
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
ME-MS62s	Up to 54 elements by ICP-MS	ICP-MS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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.

Signature:

Shaun Kenny, Brisbane Laboratory Manager



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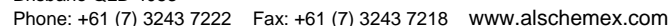
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QC CERTIFICATE OF ANALYSIS AS09010788

Sample Description	Method	ME-XRF12p	ME-XRF12p	ME-XRF12p	ME-XRF12p	ME-XRF12p	ME-XRF12p	ME-XRF12p	ME-XRF12p	ME-XRF12p	ME-XRF12p	ME-GRA05	ME-MS42	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s
	Analyte	CaO	Fe2O3	K2O	MgO	MnO2	Na2O	P2O5	SiO2	TiO2	LOI	Hg	As	Ce	Th	U	
	Units	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.005	0.2	0.01	0.2	0.1
STANDARDS																	
BAUX CS4												23.61					
BAUX CS4												23.52					
BAUX CS4												23.47					
Target Range - Lower Bound												22.85					
Upper Bound												24.29					
BCS-348		0.17	1.04	2.22	0.28	<0.01	0.35	0.07	50.9	1.05							
Target Range - Lower Bound		0.15	0.98	2.11	0.28		0.31	0.06	48.5	1.02							
Upper Bound		0.19	1.10	2.35	0.33		0.37	0.08	53.7	1.14							
G2000													438	49.5	6.6	3.2	
G2000												0.705					
G2000																	
Target Range - Lower Bound												0.633	435	47.9	6.4	2.9	
Upper Bound												0.868	>500	58.5	8.2	3.7	
GBM398-4c													7.8	8.24	1.1	0.8	
GBM398-4c												2.98					
GBM398-4c																	
Target Range - Lower Bound													6.0	7.18	0.9	0.6	
Upper Bound													7.8	8.80	1.5	1.0	
NCSDC79001		51.5	1.06	0.17	0.43	0.03	0.35	37.0	3.25	0.04							
Target Range - Lower Bound		48.7	0.98	0.15	0.40		0.30	35.0	3.09	0.03							
Upper Bound		53.9	1.10	0.19	0.46		0.36	38.7	3.43	0.05							
SARM-32		54.5	0.15	0.01	0.53	0.02	0.13	40.0	0.41	0.01							
SARM-32		54.4	0.14	0.01	0.52	0.02	0.12	40.0	0.41	0.01							
Target Range - Lower Bound		51.7	0.12	<0.01	0.47		0.10	38.0	0.39	<0.01							
Upper Bound		57.2	0.16	0.02	0.54		0.13	42.0	0.45	0.02							
SARM-39		9.68	9.30	1.06	26.3	0.21	0.64	1.45	33.4	1.60							
Target Range - Lower Bound		9.20	8.82	0.98	24.9		0.58	1.38	31.8	1.49							
Upper Bound		10.20	9.76	1.10	27.6		0.66	1.54	35.1	1.67							
SARM-45		0.77	12.60	3.15	3.40	0.12	0.80	0.08	49.7	1.82							
Target Range - Lower Bound		0.73	11.95	3.01	3.21		0.79	0.07	47.1	1.72							
Upper Bound		0.83	13.25	3.35	3.57		0.89	0.09	52.1	1.92							



Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-XRF12p
	Analyte	Cd	Co	Cr	Cu	La	Mn	Mo	Ni	P	Pb	S	Sr	V	Zn	Al2O3
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	LOR	0.5	1	1	1	10	5	1	1	10	2	0.01	1	1	2	0.01
BLANK BLANK BLANK BLANK BLANK Target Range - Lower Bound Upper Bound	BLANKS															
	0.06															
	0.05															
	<0.5	1	1	1	<10	<5	3	<1	<10	2	<0.01	<1	<1	<2		
	<0.5	<1	<1	<1	<10	<5	<1	<1	<10	<2	<0.01	<1	<1	<2	<0.01	
	1.0	2	2	2	20	10	2	2	20	4	0.02	2	2	4	0.02	
	DUPLICATES															
	761052	<0.5	26	59	28	20	787	1	90	9320	11	0.01	157	52	267	
	DUP	<0.5	28	65	32	20	849	2	96	10000	10	0.01	168	56	289	
	Target Range - Lower Bound	<0.5	25	58	28	<10	772	<1	87	9170	8	<0.01	153	50	262	
	Upper Bound	1.0	29	66	33	30	864	2	99	>10000	13	0.02	172	58	294	
	761062 DUP Target Range - Lower Bound Upper Bound															
8.84																
8.85																
8.61																
761376 DUP Target Range - Lower Bound Upper Bound																
761412 DUP Target Range - Lower Bound Upper Bound	<0.5	5	155	349	30	101	1	24	>10000	30	0.11	383	73	98	13.75	
	<0.5	5	153	346	30	98	2	23	>10000	28	0.11	378	72	96	13.80	
	<0.5	4	145	329	20	90	<1	21	9490	26	0.09	360	68	90	13.40	
	1.0	6	163	366	40	109	2	26	>10000	32	0.13	401	77	104	14.15	
ORIGINAL DUP Target Range - Lower Bound Upper Bound																



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	Analyte	CaO	Fe2O3	K2O	MgO	MnO2	Na2O	P2O5	SiO2	TiO2	LOI	Hg	As	Ce	Th	U	
	Units	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.005	0.2	0.01	0.2	0.1
BLANK BLANK BLANK BLANK BLANK Target Range - Lower Bound Upper Bound	BLANKS																
	0.01	0.21	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	99.7	0.02							
												<0.005	<0.2	<0.01	<0.2	<0.1	
	0.01	0.21	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	99.6	0.02							
	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01		<0.005	<0.2	<0.01	<0.2	<0.1		
	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02		0.010	0.4	0.02	0.4	0.2		
	DUPLICATES																
	761052																
	DUP																
	Target Range - Lower Bound																
Upper Bound																	
761062 DUP Target Range - Lower Bound Upper Bound	0.93	12.85	3.08	0.77	0.65	0.13	0.83	67.2	0.46	3.76	0.034	5.8	79.6	13.8	4.9		
	0.93	12.85	3.10	0.76	0.68	0.12	0.83	67.1	0.46	3.70	0.031	6.4	80.2	14.2	5.0		
	0.90	12.50	3.00	0.74	0.64	0.11	0.80	65.5	0.44	3.63	0.025	5.6	75.9	13.1	4.6		
	0.96	13.20	3.18	0.79	0.69	0.14	0.86	68.8	0.48	3.83	0.040	6.6	83.9	14.9	5.3		
761376 DUP Target Range - Lower Bound Upper Bound											5.01						
											5.02						
											4.88						
											5.15						
761412 DUP Target Range - Lower Bound Upper Bound	2.05	5.46	1.00	0.51	0.01	0.34	5.59	63.6	0.42								
	2.07	5.48	1.00	0.51	0.01	0.34	5.58	63.8	0.41								
	2.00	5.32	0.97	0.49	<0.01	0.32	5.44	62.1	0.39								
	2.12	5.62	1.04	0.53	0.02	0.36	5.73	65.3	0.44								
ORIGINAL DUP Target Range - Lower Bound Upper Bound											10.39						
											10.38						
											10.12						
											10.65						