



# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

Australian Laboratory Services Pty Ltd

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Finalized Date: 11-MAY-2007  
Account: ARARES

## QC CERTIFICATE AS07035311

Project: Lucy Creek

P.O. No.: 0561

This report is for 194 Pulp samples submitted to our lab in Alice Springs, NT, Australia on 11-APR-2007.

The following have access to data associated with this certificate:

JOHN GOULEVITCH

KELVIN HUSSEY

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
WSH-22	"Wash" pulverizers
LEV-01	Waste Disposal Levy
HOM-01	Homogenise Sample

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS62s	Up to 54 elements by ICP-MS	ICP-MS

To: ARAFURA RESOURCES NL  
ATTN: JOHN GOULEVITCH  
REAR UNIT LOT 3047 EXPORT DRIVE  
BERRIMAH NT 0828

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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## QC CERTIFICATE OF ANALYSIS AS07035311

Sample Description	Method Analyte Units LOR	ME-MS62s Ce ppm 0.01	ME-MS62s La ppm 0.5	ME-MS62s Sr ppm 0.2	ME-MS62s Th ppm 0.2	ME-MS62s U ppm 0.1
STANDARDS						
G2000		56.0	29.9	126.0	7.6	3.4
G2000		53.6	32.8	124.5	7.8	3.6
G2000		51.5	27.8	125.0	7.2	3.2
Target Range - Lower Bound		47.9	26.1	104.5	6.4	2.9
Upper Bound		58.5	33.0	128.0	8.2	3.7
GBM306-6		21.3	9.3	168.5	1.9	0.5
GBM306-6		21.2	10.5	164.0	2.0	0.5
GBM306-6		20.2	9.0	162.0	1.8	0.5
Target Range - Lower Bound						
Upper Bound						
GBM999-5		28.9	15.5	18.5	6.1	2.4
GBM999-5		28.6	15.1	17.6	5.7	2.2
GBM999-5		26.8	14.6	16.2	5.6	2.2
Target Range - Lower Bound		23.7	11.8		4.4	1.8
Upper Bound		28.9	15.6		5.8	2.4
GEOMS-03		50.2	28.0	181.0	6.4	3.4
GEOMS-03		52.3	29.3	180.0	6.8	3.5
GEOMS-03		49.3	27.6	164.0	6.6	3.7
Target Range - Lower Bound		47.0	25.6	157.5	6.2	3.1
Upper Bound		57.4	32.4	192.5	8.0	4.0
BLANKS						
BLANK		<0.01	<0.5	<0.2	<0.2	<0.1
BLANK		<0.01	<0.5	<0.2	<0.2	<0.1
BLANK		<0.01	<0.5	<0.2	<0.2	<0.1
BLANK		<0.01	<0.5	<0.2	<0.2	<0.1
BLANK		<0.01	<0.5	<0.2	<0.2	<0.1
BLANK		<0.01	<0.5	<0.2	<0.2	<0.1
Target Range - Lower Bound		<0.01	<0.5	<0.2	<0.2	<0.1
Upper Bound		0.02	1.0	0.4	0.4	0.2



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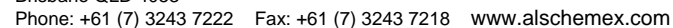
Finalized Date: 11-MAY-2007

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## QC CERTIFICATE OF ANALYSIS AS07035311

Sample Description	Method	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s
	Analyte	Ce	La	Sr	Th	U
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.5	0.2	0.2	0.1
DUPLICATES						
COMP - 760795 760796		29.5	13.6	133.5	7.7	11.0
DUP		27.9	12.8	132.0	7.2	10.2
Target Range - Lower Bound		27.2	11.5	125.5	6.7	9.9
Upper Bound		30.2	14.9	140.0	8.2	11.3
COMP - 760865 760866		27.9	14.9	226	5.9	24.5
DUP		26.3	14.1	219	5.6	23.4
Target Range - Lower Bound		25.7	12.8	211	5.1	22.6
Upper Bound		28.5	16.2	234	6.4	25.3
COMP - 760906 760907		30.2	15.5	324	7.2	19.8
DUP		28.3	14.5	300	6.7	18.5
Target Range - Lower Bound		27.8	13.3	296	6.2	18.0
Upper Bound		30.7	16.8	328	7.7	20.3
COMP - 761174 761175		50.1	28.9	186.5	12.8	7.4
DUP		49.9	28.7	185.5	12.5	7.3
Target Range - Lower Bound		47.5	26.4	176.5	11.6	6.8
Upper Bound		52.5	31.2	195.5	13.7	7.9
COMP - 761213 761214		54.3	24.2	413	11.1	31.3
DUP		53.2	24.2	410	11.0	31.6
Target Range - Lower Bound		51.0	22.0	391	10.1	29.7
Upper Bound		56.5	26.4	432	12.0	33.2
COMP - 761287 761289		71.6	31.0	57.0	10.7	2.8
DUP		69.1	30.0	55.7	10.5	2.7
Target Range - Lower Bound		66.8	28.0	53.1	9.7	2.4
Upper Bound		73.9	33.0	59.6	11.5	3.1
COMP - 761325 761326		45.5	22.2	84.3	8.9	2.4
DUP		43.2	21.1	79.0	8.5	2.3
Target Range - Lower Bound		42.1	19.6	77.2	7.9	2.0
Upper Bound		46.6	23.7	86.1	9.5	2.7
COMP - 761394 761395		87.3	35.2	>500	14.8	16.8
DUP		91.7	37.0	>500	15.6	17.4
Target Range - Lower Bound		85.0	33.3	475	14.0	16.0
Upper Bound		94.0	38.9	525	16.4	18.2



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Sample Description	Method	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s
	Analyte	Ce	La	Sr	Th	U
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.5	0.2	0.2	0.1
	DUPLICATES					
COMP - 761433 761434		64.2	29.0	169.0	13.1	11.9
DUP		63.9	28.8	160.0	13.4	11.9
Target Range - Lower Bound		60.8	26.5	156.0	12.2	11.1
Upper Bound		67.3	31.3	173.0	14.3	12.7
COMP - 761553 761555		50.5	24.5	117.5	11.0	14.0
DUP		52.1	25.3	119.0	11.5	14.3
Target Range - Lower Bound		48.7	22.7	112.0	10.3	13.2
Upper Bound		53.9	27.1	124.5	12.2	15.1
COMP - 761676 761677		56.1	28.7	472	12.0	21.0
DUP		58.6	29.0	477	12.3	21.1
Target Range - Lower Bound		54.5	26.4	450	11.1	19.8
Upper Bound		60.2	31.3	499	13.2	22.3