



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

Australian Laboratory Services Pty Ltd

32 Shand Street

Stafford

Brisbane QLD 4053

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Page: 1
Finalized Date: 30-MAR-2007
Account: ARARES

QC CERTIFICATE AS07014825

Project: Lucy Creek

P.O. No.: 0561

This report is for 203 Percussion samples submitted to our lab in Alice Springs, NT, Australia on 14-FEB-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
PUL-QC	Pulverizing QC Test
PUL-22	Pulverizing 3kg sample in LM5
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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Sample Description	Method Analyte Units LOR	ME-MS62s Ce ppm 0.01	ME-MS62s La ppm 0.5	ME-MS62s Sr ppm 0.02	ME-MS62s Th ppm 0.2	ME-MS62s U ppm 0.1
STANDARDS						
G2000		56.6	31.2	125.5	7.2	3.5
G2000		55.8	30.2	126.5	7.2	3.4
G2000		54.8	29.5	122.5	6.9	3.3
G2000		56.6	30.1	125.0	7.7	3.5
Target Range - Lower Bound		47.0	26.1	104.5	6.4	2.9
Upper Bound		57.4	33.0	127.5	8.2	3.7
GBM306-6		22.4	10.3	149.5	1.7	0.5
GBM306-6		22.5	9.8	176.0	1.9	0.5
GBM306-6		21.1	9.3	165.5	1.7	0.7
GBM306-6		19.80	8.8	155.5	1.7	0.5
Target Range - Lower Bound						
Upper Bound						
GBM999-5		29.8	14.7	16.95	5.2	2.1
GBM999-5		28.6	14.7	16.65	5.1	2.1
GBM999-5		27.0	14.0	16.30	5.0	2.1
GBM999-5		26.9	13.7	16.25	5.5	2.0
Target Range - Lower Bound						
Upper Bound						
GEOMS-03		56.2	30.4	178.5	6.3	3.4
GEOMS-03		55.8	29.7	182.5	6.6	3.7
GEOMS-03		51.4	28.0	176.0	6.4	3.6
GEOMS-03		52.6	29.5	186.0	7.1	3.8
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	<0.02	<0.2	<0.1
BLANK		<0.01	<0.5	<0.02	<0.2	<0.1
BLANK		<0.01	<0.5	<0.02	<0.2	<0.1
BLANK		<0.01	<0.5	<0.02	<0.2	<0.1
BLANK		<0.01	<0.5	<0.02	<0.2	<0.1
BLANK		<0.01	<0.5	<0.02	<0.2	<0.1
BLANK		<0.01	<0.5	<0.02	<0.2	<0.1
BLANK		<0.01	<0.5	<0.02	<0.2	<0.1
BLANK		0.01	<0.5	<0.02	<0.2	<0.1
Target Range - Lower Bound		<0.01	<0.5	<0.02	<0.2	<0.1
Upper Bound		0.02	1.0	0.04	0.4	0.2



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Sample Description	Method Analyte Units LOR	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s
		Ce	La	Sr	Th	U
		ppm	ppm	ppm	ppm	ppm
		0.01	0.5	0.02	0.2	0.1
DUPLICATES						
760995		46.6	23.3	82.3	9.1	2.5
DUP		48.7	23.8	82.4	9.1	2.5
Target Range - Lower Bound		45.2	21.4	78.2	8.2	2.2
Upper Bound		50.1	25.7	86.5	10.0	2.8
FLUSH C		27.2	14.5	237	4.8	0.8
DUP		26.8	14.2	237	4.8	0.7
Target Range - Lower Bound		25.6	12.6	225	4.2	0.5
Upper Bound		28.4	16.1	249	5.4	1.0
761027		13.65	8.0	58.5	2.1	22.5
DUP		12.80	7.5	58.5	2.1	22.4
Target Range - Lower Bound		12.55	6.4	55.5	1.6	21.1
Upper Bound		13.90	9.1	61.5	2.6	23.8
761047		28.5	15.2	479	5.5	4.5
DUP		27.9	14.9	465	5.4	4.4
Target Range - Lower Bound		26.8	13.3	448	4.8	4.0
Upper Bound		29.6	16.8	496	6.1	4.9
761062		91.3	42.6	64.6	15.8	4.2
DUP		94.0	43.3	66.5	16.1	4.3
Target Range - Lower Bound		88.0	39.8	62.2	14.8	3.8
Upper Bound		97.3	46.1	68.9	17.1	4.7
761128		70.8	29.8	241	10.9	30.2
DUP		77.7	32.9	252	11.5	33.7
Target Range - Lower Bound		70.5	28.8	234	10.2	30.2
Upper Bound		78.0	33.9	259	12.2	33.7
761143		58.9	28.8	87.1	11.5	6.6
DUP		60.1	29.7	89.5	11.2	6.4
Target Range - Lower Bound		56.5	26.8	83.8	10.4	6.0
Upper Bound		62.5	31.7	92.8	12.3	7.0
761163		106.5	54.5	184.5	21.0	10.7
DUP		105.5	53.1	180.5	20.8	10.5
Target Range - Lower Bound		100.5	50.1	173.5	19.5	9.9
Upper Bound		111.5	57.5	191.5	22.3	11.3



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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	0.02	0.2	0.1
DUPLICATES						
761208		82.2	39.8	81.8	18.7	5.0
DUP		84.5	41.1	83.6	18.8	4.9
Target Range - Lower Bound		79.2	37.4	78.5	17.4	4.5
Upper Bound		87.5	43.5	86.9	20.1	5.4
761306		132.5	51.5	190.0	21.7	33.4
DUP		133.5	51.6	188.0	21.5	33.0
Target Range - Lower Bound		126.5	48.0	179.5	20.1	31.3
Upper Bound		139.5	55.1	198.5	23.1	35.1
761369		42.3	16.8	>500	5.9	16.1
DUP		42.9	17.1	>500	6.1	16.8
Target Range - Lower Bound		40.5	15.1	475	5.3	15.4
Upper Bound		44.8	18.8	>500	6.7	17.5
761412		67.1	26.8	440	11.1	16.6
DUP		72.1	30.0	464	12.6	17.4
Target Range - Lower Bound		66.1	26.0	429	10.9	16.0
Upper Bound		73.1	30.8	475	12.8	18.1
761440		19.50	7.3	199.5	2.4	104.0
DUP		21.2	8.2	204	2.7	102.5
Target Range - Lower Bound		19.30	6.4	191.5	2.0	97.9
Upper Bound		21.4	9.1	212	3.1	108.5
761455		33.5	13.0	112.0	4.6	36.5
DUP		36.1	14.4	118.0	5.2	37.8
Target Range - Lower Bound		33.0	12.0	109.0	4.3	35.1
Upper Bound		36.6	15.4	121.0	5.5	39.2
ORIGINAL		32.5	12.9	28.4	23.6	4.9
DUP		32.6	12.9	29.2	23.8	4.7
Target Range - Lower Bound		30.9	11.3	27.3	22.1	4.4
Upper Bound		34.2	14.5	30.3	25.3	5.2