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

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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CERTIFICATE OF ANALYSIS AS07014825

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	PUL-QC Pass75um % 0.01	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
FLUSH A		<0.02		30.7	16.2	239	5.9	0.8
FLUSH B		<0.02		27.4	14.6	239	5.0	0.7
FLUSH C		<0.02		27.2	14.5	237	4.8	0.8
761013		1.37		144.5	49.6	68.5	11.2	6.2
761014		0.71		159.0	49.9	95.4	12.2	3.4
761015		1.29		111.5	41.5	92.2	13.5	8.2
761016		1.97		50.2	21.9	29.8	8.8	2.3
761017		1.04		45.5	24.9	>500	8.1	52.0
761018		1.42		20.6	10.8	347	4.8	22.6
761019		1.54	97.5	26.2	13.5	479	5.4	38.0
761020		2.05		14.10	6.6	>500	2.9	44.0
761021		2.74		23.7	10.9	450	5.2	41.8
761022		1.49		22.3	10.3	>500	5.2	18.9
761023		2.65		17.30	10.4	385	3.2	37.0
761024		2.64		15.40	8.1	177.0	3.0	31.0
761025		1.83		11.25	7.4	185.0	2.1	17.0
761026		2.69		18.10	10.0	145.0	2.5	14.8
761027		3.06		13.65	8.0	58.5	2.1	22.5
761028		2.18		8.16	5.1	69.0	1.7	24.7
761029		2.89		12.60	7.0	95.2	2.2	18.8
761030		3.32		13.20	7.3	270	2.2	14.5
761031		2.61		14.35	6.9	103.0	2.7	15.1
761032		2.91		19.25	9.4	195.0	3.0	17.4
761033		2.58		38.3	19.7	>500	6.8	8.5
761034		2.39		43.8	22.5	>500	8.0	5.3
761035		2.54		38.3	19.1	>500	6.5	7.3
761036		2.95		41.5	21.3	>500	7.8	6.4
761037		2.47		27.3	14.2	436	4.6	9.8
761038		2.47		30.4	16.2	>500	6.0	11.6
761039		2.84		14.70	7.9	177.0	3.0	14.3
761040		2.96		9.76	5.9	79.2	1.7	16.5
761041		2.72		21.9	10.8	219	4.6	11.0
761042		2.93		30.5	17.2	379	5.9	12.5
761043		2.06		35.8	18.4	>500	7.3	6.9
761044		1.73		37.2	19.4	341	7.6	7.5
761045		2.86		25.1	13.5	159.5	3.8	12.2
761046		1.51		30.7	16.4	>500	6.0	2.3
761047		1.48		28.5	15.2	479	5.5	4.5
761048		2.67		47.9	25.1	429	9.0	5.0
761049		1.68		74.7	36.7	418	15.1	2.7



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761050		1.82		38.4	19.9	378	7.5	1.4
761051		1.91		43.5	22.4	246	8.4	3.7
761052		1.70		48.8	24.5	193.5	9.7	2.8
761053		2.01		45.4	22.1	134.5	8.9	2.1
761054		1.89		50.4	23.9	110.5	9.5	2.4
761055		1.69		54.9	28.0	145.0	9.8	4.5
761056		1.84		48.4	22.2	186.5	6.8	7.9
761057		2.31		70.4	31.6	112.0	11.0	15.4
761058		2.09	92.9	79.5	28.3	344	7.9	14.3
761059		2.75		53.8	20.5	>500	7.1	7.3
761060		2.43		108.0	44.7	124.5	17.2	7.8
761061		1.53		103.0	41.0	67.9	16.6	4.7
761062		1.56		91.3	42.6	64.6	15.8	4.2
761063		2.08		85.2	40.7	89.6	12.9	2.4
761064		1.67		96.6	46.0	50.9	16.8	3.4
761065		2.07		91.4	38.9	42.4	14.3	6.9
761066		2.42		87.1	29.9	24.3	6.9	5.2
761067		2.69		95.0	31.1	24.1	7.1	3.2
761068		1.94		116.5	37.1	40.8	10.1	3.3
761069		1.94		171.0	51.1	49.5	15.7	6.0
761070		2.28		32.4	13.6	51.0	6.2	2.0
761071		2.93		58.7	25.8	33.6	10.2	1.9
761085		2.25		46.9	23.1	204	9.4	2.2
761107		1.46		90.0	37.1	187.0	15.9	32.4
761108		0.85		116.0	37.5	>500	12.0	91.9
761109		1.55		106.0	34.3	>500	15.1	40.6
761110		1.33		174.0	65.4	348	24.0	36.8
761123		0.97		101.0	51.3	333	8.6	56.1
761124		0.57		86.7	39.4	359	9.4	49.5
761125		2.44		65.0	29.9	237	7.4	47.4
761126		2.83		171.5	81.4	>500	14.6	11.4
761127		3.10		92.8	39.1	366	10.5	17.2
761128		1.70		70.8	29.8	241	10.9	30.2
761129		2.04		75.9	29.3	246	10.5	21.5
761130		2.19		54.5	21.9	133.0	8.6	17.8
761131		1.36		68.8	30.2	203	10.9	19.0
761132		1.81		58.4	27.0	143.0	10.6	10.1
761133		2.34		51.8	23.4	154.5	9.3	5.4
761134		1.43		49.4	24.1	166.5	9.5	11.8
761135		2.16		55.9	26.9	103.0	10.3	8.4



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761136		2.33		57.3	27.7	104.5	10.7	7.3
761137		1.59		54.4	26.4	124.0	10.3	11.2
761138		2.01		50.8	24.4	129.5	8.8	9.6
761139		2.10		56.5	27.1	126.0	10.5	6.5
761140		1.55		54.8	27.5	151.5	10.5	22.2
761141		1.93		54.2	26.9	135.5	10.4	21.2
761142		2.27		54.9	27.0	118.0	10.2	9.1
761143		1.37	95.4	58.9	28.8	87.1	11.5	6.6
761144		1.48		46.2	22.5	84.4	8.7	22.6
761145		1.95		55.4	27.8	76.9	10.6	19.3
761146		1.51		54.6	26.4	94.0	10.1	13.0
761147		1.44		59.3	28.4	128.0	10.6	7.1
761148		1.90		52.7	25.5	109.5	9.7	8.9
761149		1.91		52.6	25.7	102.5	9.7	15.7
761150		1.68		56.3	27.9	114.0	10.6	15.4
761151		1.64		45.9	22.0	86.5	8.5	9.0
761152		1.49		40.7	20.4	89.5	7.3	15.2
761153		1.84		36.0	18.0	80.1	6.4	4.2
761154		1.93		43.0	20.8	117.5	7.6	3.5
761155		1.54		83.2	34.5	339	16.1	14.7
761156		1.75		53.5	25.0	219	10.2	10.5
761157		1.89		80.3	33.3	>500	13.9	27.6
761158		1.51		93.6	37.7	>500	15.0	43.0
761159		1.70		88.7	33.3	>500	14.1	40.4
761160		1.91		125.0	41.1	397	16.9	29.7
761161		1.68		92.9	42.3	143.0	18.4	15.9
761162		1.82		92.7	45.4	119.5	18.5	12.4
761163		2.29		106.5	54.5	184.5	21.0	10.7
761164		1.87		88.7	41.9	108.5	19.1	13.9
761165		1.68		162.5	67.9	177.0	18.7	14.0
761166		1.90		183.5	72.1	186.0	18.7	11.8
761167		1.42		185.0	66.2	156.0	25.0	12.1
761168		1.95		39.9	17.6	57.2	7.1	4.2
761169		2.92		42.5	19.3	70.0	7.9	4.9
761170		1.77		45.5	19.9	56.8	9.2	3.1
761171		2.60		40.1	17.6	35.5	9.6	8.6
761172		1.33		95.8	51.2	454	13.3	18.8
761173		2.36		58.5	33.8	196.0	15.6	11.7
761191		2.62		54.0	25.8	117.0	9.8	5.8
761205		2.88		111.0	41.0	>500	19.4	44.4



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761206		2.96		94.4	28.8	>500	14.8	36.9
761207		2.79		139.0	48.4	>500	20.5	25.4
761208		2.41		82.2	39.8	81.8	18.7	5.0
761211		3.03		80.5	30.6	99.6	8.9	6.8
761230		1.55		76.7	36.8	175.0	14.0	5.4
761231		1.63		65.6	31.8	172.0	12.1	5.3
761251		1.45	98.7	98.3	45.9	168.0	20.8	6.9
761252		1.47		72.6	30.0	106.5	11.2	12.1
761256		0.54		59.6	28.3	384	10.4	4.8
761257		0.57		48.2	23.4	>500	9.1	3.9
761266		2.46		56.0	27.4	185.0	10.5	4.8
761267		1.89		54.4	26.6	211	10.1	7.1
761268		2.36		50.3	24.3	218	9.4	9.1
761271		1.69		47.4	22.9	193.5	8.7	6.3
761281		1.81		72.3	32.1	>500	15.1	31.5
761282		1.50		82.3	33.4	>500	13.1	53.7
761283		1.75		102.0	32.8	>500	15.5	19.3
761286		2.22		115.5	56.0	180.5	21.9	6.8
761302		1.64		102.0	42.2	306	22.1	35.2
761303		2.03		87.5	34.2	>500	15.4	56.3
761304		1.28		69.6	24.4	458	9.7	47.4
761305		2.09		75.9	27.1	212	12.4	33.0
761306		1.92		132.5	51.5	190.0	21.7	33.4
761307		1.68		97.6	46.0	100.0	18.8	6.2
761316		0.32		63.6	30.5	329	9.5	16.7
761333		0.86		107.0	37.4	339	17.5	14.5
761336		0.92		112.0	55.4	216	22.9	7.9
761337		1.22		99.1	44.2	125.5	19.3	9.2
761352		1.90		165.5	54.5	281	23.7	47.7
761361		0.79		55.9	27.1	461	10.4	29.6
761362		0.77		57.6	28.8	469	10.8	10.4
761363		1.44		53.9	26.4	384	9.4	8.0
761364		1.69		52.1	25.3	286	9.5	21.2
761365		1.62		57.4	27.6	252	10.2	5.4
761366		0.97		61.8	29.5	335	11.2	7.7
761367		0.87		27.6	11.1	177.5	3.9	9.8
761368		1.08		28.6	11.7	209	4.2	13.2
761369		1.16		42.3	16.8	>500	5.9	16.1
761370		1.39		83.7	29.8	>500	10.9	12.8
761371		1.61		78.6	29.4	>500	10.9	8.7



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761372		1.45		108.5	46.0	>500	18.6	24.5
761373		1.03		103.0	42.4	467	15.9	12.2
761374		1.63		81.0	39.1	215	15.5	12.8
761375		1.29		65.2	32.5	121.0	14.1	12.9
761376		1.34		79.9	37.2	137.5	14.7	23.9
761377		1.81	94.4	73.2	34.8	108.0	14.6	25.8
761378		1.24		90.5	40.9	117.0	16.2	20.9
761379		1.29		96.0	39.8	124.5	10.8	14.2
761380		1.10		229	91.3	320	22.4	51.3
761381		2.87		137.5	46.9	192.0	17.0	14.9
761382		3.13		24.8	9.2	133.5	4.8	2.7
761391		1.13		40.8	14.7	>500	5.5	25.9
761412		2.55		67.1	26.8	440	11.1	16.6
761413		0.91		92.7	41.0	205	14.9	9.3
761437		1.09		50.6	22.1	94.3	7.2	4.6
761438		1.29		77.3	29.7	475	8.6	29.7
761439		1.84		81.7	28.7	>500	7.9	49.1
761440		3.01		19.50	7.3	199.5	2.4	104.0
761441		1.76		41.9	15.2	377	4.5	74.5
761442		1.37		31.0	11.0	331	3.2	86.7
761443		2.90		46.1	17.8	245	6.2	37.0
761444		3.36		59.8	20.3	>500	5.2	57.5
761445		2.40		65.8	26.1	374	9.1	36.1
761446		2.98		141.0	55.2	>500	17.8	29.6
761447		3.37		128.0	63.4	332	18.2	6.3
761448		2.07		113.5	57.7	183.5	22.3	4.4
761449		2.36		97.3	45.8	75.2	19.8	4.8
761450		3.13		69.8	26.0	37.2	10.2	2.1
761451		2.50		59.9	22.3	21.3	9.0	2.2
761452		2.73		53.1	17.9	20.3	6.9	1.5
761453		0.90		116.5	45.4	402	13.0	26.1
761454		0.88		29.5	12.0	122.5	4.1	32.8
761455		0.89		33.5	13.0	112.0	4.6	36.5
761456		1.44		48.8	15.8	220	6.4	44.3
761457		1.63		64.5	27.9	436	12.4	23.5
761458		1.28		186.0	69.3	>500	19.8	36.2
761466		0.99		82.3	33.5	82.2	11.9	23.9
761467		1.39		64.2	31.8	59.8	14.0	8.6
761468		1.52		76.9	39.2	62.1	16.4	9.3
761469		0.98		101.5	50.4	84.0	21.1	6.7



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	Analyte	Recvd Wt.	Pass75um	Ce	La	Sr	Th	U
	Units	kg	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.5	0.02	0.2	0.1
761470		1.51		95.7	44.4	53.5	19.0	6.0
761473		0.61		111.0	42.6	227	10.4	4.6
761474		0.72	98.0	38.4	15.2	238	5.1	27.6