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Brisbane QLD 4053

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Page: 1
Finalized Date: 11-MAY-2007
Account: ARARES

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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CERTIFICATE OF ANALYSIS AS07035311

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	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	22.5	12.1	244	4.5	0.8
FLUSH B		<0.02	23.4	12.7	230	4.6	0.8
FLUSH C		<0.02	20.4	11.2	211	4.1	0.7
COMP - 760754 760755		0.21	59.0	28.0	84.6	11.8	9.3
COMP - 760756 760757		0.21	53.3	26.1	78.1	10.4	4.5
COMP - 760758 760759		0.21	59.6	28.7	82.0	12.0	13.2
COMP - 760760 760761		0.21	53.7	26.0	88.1	10.5	6.4
COMP - 760778 760779		0.21	39.7	19.4	95.4	7.4	4.6
COMP - 760793 760794		0.21	34.6	16.4	206	6.4	11.8
COMP - 760795 760796		0.21	29.5	13.6	133.5	7.7	11.0
COMP - 760797 760798		0.21	52.6	24.1	290	11.2	10.1
COMP - 760800 760802		0.21	66.5	30.9	127.0	14.1	9.7
COMP - 760826 760828		0.21	28.1	13.9	225	6.7	19.3
COMP - 760830 760831		0.21	33.8	21.0	194.5	6.1	10.8
COMP - 760832 760833		0.21	40.5	22.3	146.0	7.0	5.2
COMP - 760834 760835		0.21	72.5	48.6	>500	10.7	15.9
COMP - 760836 760837		0.21	57.8	38.3	375	9.7	7.9
COMP - 760838 760839		0.21	54.2	36.3	239	9.0	5.9
COMP - 760840 760841		0.21	46.6	36.8	254	6.4	16.2
COMP - 760842 760843		0.21	31.4	23.4	151.0	5.0	16.9
COMP - 760844 760845		0.21	37.6	26.9	153.0	5.9	13.9
COMP - 760846 760848		0.21	39.3	20.1	279	7.7	7.5
COMP - 760850 760851		0.30	34.4	16.7	220	6.6	4.4
COMP - 760852 760854		0.31	21.0	10.4	234	4.3	6.5
COMP - 760855 760856		0.21	54.4	30.2	315	10.3	13.1
COMP - 760857 760858		0.21	76.3	57.5	>500	11.6	32.1
COMP - 760859 760860		0.21	62.2	37.3	379	10.8	20.9
COMP - 760861 760862		0.21	63.8	41.1	415	10.8	17.3
COMP - 760863 760864		0.21	72.7	53.7	>500	11.5	28.3
COMP - 760865 760866		0.21	27.9	14.9	226	5.9	24.5
COMP - 760867 760868		0.22	20.3	10.0	101.0	4.6	16.8
COMP - 760870 760871		0.22	18.70	8.8	99.1	4.3	7.6
COMP - 760872 760873		0.21	15.30	7.3	85.8	3.8	6.2
COMP - 760874 760876		0.31	31.9	15.4	263	6.4	16.7
COMP - 760877 760878		0.22	22.2	9.7	339	5.4	20.4
COMP - 760879 760880		0.22	34.8	15.8	434	7.3	13.8
COMP - 760881 760882		0.22	39.5	19.3	>500	8.2	14.4
COMP - 760883 760884		0.21	52.4	25.8	>500	11.2	8.0
COMP - 760885 760886		0.22	52.9	26.2	>500	11.1	4.5
COMP - 760892 760893		0.21	54.7	26.8	244	11.1	4.2



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CERTIFICATE OF ANALYSIS AS07035311

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	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
COMP - 760894 760895		0.21	54.3	26.9	194.5	10.8	4.6
COMP - 760896 760897		0.21	55.5	27.7	179.0	11.2	4.5
COMP - 760898 760899		0.21	57.7	28.6	73.1	11.6	4.0
COMP - 760904 760905		0.21	35.3	18.1	167.0	6.0	13.4
COMP - 760906 760907		0.21	30.2	15.5	324	7.2	19.8
COMP - 760919 760920		0.21	49.7	25.1	316	10.6	8.4
COMP - 761072 761073		0.21	7.73	4.3	161.5	1.5	22.8
COMP - 761074 761075		0.22	35.6	17.5	324	7.6	4.1
COMP - 761076 761077		0.21	48.0	24.1	454	10.0	5.8
COMP - 761078 761079		0.21	51.5	26.0	383	10.5	2.7
COMP - 761080 761081		0.21	65.2	30.9	338	12.7	3.7
COMP - 761082 761084		0.32	62.7	30.4	298	12.2	4.6
COMP - 761086 761087		0.21	52.4	25.8	301	10.4	3.4
COMP - 761088 761089		0.21	50.4	24.4	339	9.7	3.8
COMP - 761090 761091		0.21	50.0	24.8	270	10.3	3.0
COMP - 761092 761093		0.21	50.7	24.9	233	10.3	3.2
COMP - 761094 761095		0.21	51.0	25.2	176.5	10.4	3.7
COMP - 761096 761097		0.21	40.8	20.0	133.0	8.7	4.5
COMP - 761098 761099		0.21	50.9	25.4	105.0	10.5	5.8
COMP - 761100 761102		0.32	59.3	28.7	180.5	11.7	11.3
COMP - 761111 761112		0.21	102.5	48.6	107.5	21.5	14.8
COMP - 761113 761114		0.21	102.0	47.5	139.0	19.9	18.0
COMP - 761115 761116		0.21	111.5	42.7	69.7	19.5	6.2
COMP - 761117 761119		0.32	145.5	52.8	163.0	19.3	10.3
COMP - 761174 761175		0.21	50.1	28.9	186.5	12.8	7.4
COMP - 761176 761177		0.22	67.0	32.7	328	12.6	5.1
COMP - 761178 761179		0.22	54.6	26.5	453	11.1	4.3
COMP - 761180 761181		0.21	60.6	29.2	277	12.5	3.9
COMP - 761182 761183		0.22	64.7	29.5	267	12.4	5.3
COMP - 761184 761185		0.21	56.4	26.6	204	10.8	7.8
COMP - 761186 761187		0.21	59.3	31.7	223	10.5	8.0
COMP - 761188 761190		0.33	57.1	30.1	164.0	10.8	8.7
COMP - 761192 761194		0.32	57.0	29.6	135.5	11.1	8.1
COMP - 761195 761196		0.21	56.3	29.1	130.5	10.8	8.1
COMP - 761197 761198		0.22	54.1	28.6	139.0	10.8	8.0
COMP - 761199 761200		0.22	48.6	26.0	180.0	9.8	5.8
COMP - 761201 761202		0.21	36.8	19.3	483	6.7	8.0
COMP - 761203 761204		0.21	65.6	33.2	>500	14.1	11.5
COMP - 761209 761210		0.21	103.0	53.4	129.0	21.3	6.9
COMP - 761213 761214		0.22	54.3	24.2	413	11.1	31.3



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Sample Description	Method Analyte Units LOR	WEI-21	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s
		Recvd Wt.	Ce	La	Sr	Th	U
		kg	ppm	ppm	ppm	ppm	ppm
		0.02	0.01	0.5	0.02	0.2	0.1
COMP - 761215 761216		0.22	53.9	30.7	418	12.1	22.3
COMP - 761217 761218		0.22	51.1	27.8	311	10.9	20.5
COMP - 761219 761220		0.21	54.1	29.8	320	11.1	17.4
COMP - 761221 761222		0.22	48.5	26.9	143.0	10.5	11.5
COMP - 761225 761227		0.32	53.0	28.5	95.0	10.7	5.3
COMP - 761243 761244		0.21	66.5	35.9	389	15.3	12.8
COMP - 761245 761246		0.21	80.3	36.8	354	12.7	18.2
COMP - 761247 761248		0.21	103.0	46.5	>500	19.2	21.7
COMP - 761249 761250		0.22	100.5	53.5	186.5	21.4	9.8
COMP - 761258 761259		0.21	50.6	26.1	>500	10.1	5.6
COMP - 761260 761261		0.22	57.3	30.1	312	11.6	13.1
COMP - 761262 761263		0.21	54.8	29.8	247	10.9	14.6
COMP - 761264 761265		0.21	44.7	24.4	188.0	9.2	6.6
COMP - 761269 761270		0.21	56.8	30.7	146.0	11.2	6.7
COMP - 761272 761273		0.22	50.2	27.5	176.0	10.2	4.2
COMP - 761274 761275		0.21	46.6	25.2	191.5	9.4	3.3
COMP - 761276 761277		0.21	53.8	29.1	441	10.8	5.4
COMP - 761278 761280		0.32	43.6	24.3	401	8.7	6.0
COMP - 761284 761285		0.21	103.5	50.3	160.5	21.2	7.7
COMP - 761287 761289		0.32	71.6	31.0	57.0	10.7	2.8
COMP - 761290 761291		0.21	51.4	27.8	269	10.3	5.5
COMP - 761292 761293		0.21	55.6	29.5	175.0	11.4	5.7
COMP - 761294 761295		0.21	52.3	27.6	162.5	10.9	6.8
COMP - 761296 761297		0.22	51.9	28.0	123.5	10.4	5.4
COMP - 761298 761299		0.21	53.1	29.1	141.0	10.8	4.8
COMP - 761300 761301		0.22	45.9	22.1	421	9.5	13.1
COMP - 761308 761309		0.21	111.5	53.0	240	24.1	11.5
COMP - 761310 761311		0.21	73.5	26.9	78.2	8.4	6.3
COMP - 761312 761313		0.22	103.5	34.7	104.5	9.9	4.0
COMP - 761314 761315		0.22	125.0	43.8	122.5	17.0	6.0
COMP - 761317 761318		0.21	63.1	31.6	315	11.2	16.9
COMP - 761319 761320		0.21	49.4	23.7	148.0	9.7	4.4
COMP - 761321 761322		0.21	50.9	24.7	121.5	10.0	2.7
COMP - 761323 761324		0.21	58.9	28.9	183.5	11.7	3.5
COMP - 761325 761326		0.22	45.5	22.2	84.3	8.9	2.4
COMP - 761327 761328		0.21	37.0	18.9	84.6	7.4	2.3
COMP - 761329 761330		0.21	68.7	29.8	303	15.1	10.4
COMP - 761331 761332		0.21	99.3	32.7	225	19.8	17.4
COMP - 761334 761335		0.21	92.0	42.7	92.5	19.7	5.3
COMP - 761338 761340		0.32	130.5	43.9	91.7	14.7	3.4



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COMP - 761341 761342		0.22	51.8	23.8	174.0	10.2	5.9
COMP - 761343 761344		0.21	53.1	25.7	144.0	10.6	5.9
COMP - 761345 761346		0.21	46.5	23.1	93.8	9.3	5.1
COMP - 761347 761348		0.21	43.6	21.5	>500	8.6	11.7
COMP - 761349 761351		0.32	51.8	23.3	>500	12.2	12.3
COMP - 761353 761354		0.22	148.5	47.2	>500	22.0	33.4
COMP - 761355 761356		0.22	132.0	54.0	202	24.1	6.9
COMP - 761357 761358		0.21	118.5	55.9	134.0	24.9	6.8
COMP - 761359 761360		0.22	141.0	56.1	169.0	17.4	5.2
COMP - 761383 761384		0.21	45.7	22.1	176.5	9.0	7.2
COMP - 761385 761386		0.21	57.7	29.9	150.5	11.5	4.5
COMP - 761387 761388		0.21	50.9	24.6	218	10.5	8.9
COMP - 761389 761390		0.21	20.7	8.6	208	3.1	13.8
COMP - 761392 761393		0.21	29.1	10.6	>500	3.6	23.1
COMP - 761394 761395		0.21	87.3	35.2	>500	14.8	16.8
COMP - 761396 761397		0.21	82.9	38.8	152.0	16.9	7.0
COMP - 761398 761399		0.21	102.0	48.1	155.5	21.2	6.1
COMP - 761400 761401		0.22	82.6	34.4	132.5	10.9	3.7
COMP - 761402 761404		0.31	84.2	36.2	275	15.6	10.1
COMP - 761405 761406		0.21	77.7	35.1	418	16.3	7.2
COMP - 761407 761408		0.21	105.0	42.5	>500	15.9	18.1
COMP - 761409 761411		0.31	84.0	33.1	>500	10.9	18.1
COMP - 761414 761415		0.21	87.2	41.8	170.0	18.7	7.8
COMP - 761416 761418		0.32	80.6	29.0	176.0	9.8	8.4
COMP - 761419 761420		0.22	59.5	27.5	117.5	12.4	10.5
COMP - 761421 761422		0.21	93.4	36.5	123.0	14.4	30.3
COMP - 761423 761424		0.21	121.0	46.1	377	17.1	31.7
COMP - 761425 761426		0.21	107.0	41.7	361	16.7	22.3
COMP - 761427 761429		0.32	86.0	41.7	139.0	17.7	6.5
COMP - 761433 761434		0.21	64.2	29.0	169.0	13.1	11.9
COMP - 761435 761436		0.21	78.5	29.8	101.0	10.6	6.8
COMP - 761459 761460		0.21	124.0	57.4	220	25.0	14.1
COMP - 761461 761463		0.32	70.4	29.2	46.8	12.7	2.9
COMP - 761464 761465		0.21	39.1	16.5	148.5	5.8	19.7
COMP - 761471 761472		0.21	63.0	24.4	189.5	8.4	2.7
COMP - 761499 761500		0.21	125.5	42.7	308	10.1	6.5
COMP - 761501 761502		0.21	135.0	43.4	212	13.6	18.5
COMP - 761513 761514		0.21	50.6	24.3	168.0	10.3	19.9
COMP - 761516 761517		0.21	44.9	21.2	222	9.7	25.8
COMP - 761518 761519		0.21	53.9	26.4	368	11.7	12.5



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		Recvd Wt.	Ce	La	Sr	Th	U
		kg	ppm	ppm	ppm	ppm	ppm
		0.02	0.01	0.5	0.02	0.2	0.1
COMP - 761520 761522		0.32	93.1	39.8	>500	16.6	27.4
COMP - 761536 761537		0.21	135.0	46.1	194.5	19.1	4.6
COMP - 761539 761540		0.22	41.2	20.1	374	9.0	21.6
COMP - 761541 761542		0.21	33.1	16.5	>500	7.0	12.2
COMP - 761543 761544		0.21	38.5	18.7	362	9.0	11.7
COMP - 761545 761546		0.21	50.2	25.1	332	10.7	5.8
COMP - 761547 761548		0.21	45.2	21.6	187.5	10.2	10.5
COMP - 761549 761550		0.21	37.7	18.4	55.1	8.1	8.5
COMP - 761551 761552		0.22	47.0	23.3	119.5	10.7	13.3
COMP - 761553 761555		0.32	50.5	24.5	117.5	11.0	14.0
COMP - 761557 761558		0.21	43.6	21.2	192.5	9.6	30.7
COMP - 761559 761560		0.21	58.5	28.2	165.0	12.3	4.5
COMP - 761561 761562		0.21	59.4	29.1	289	11.8	8.0
COMP - 761563 761564		0.21	96.5	40.8	429	19.1	20.8
COMP - 761599 761600		0.21	71.4	30.4	>500	14.9	16.0
COMP - 761601 761602		0.22	117.0	46.3	>500	15.3	19.0
COMP - 761607 761608		0.21	129.5	54.2	>500	21.1	9.1
COMP - 761609 761610		0.21	140.5	63.4	281	18.8	4.2
COMP - 761611 761612		0.21	73.4	28.7	44.6	9.4	1.5
COMP - 761614 761615		0.21	251	95.9	203	23.8	2.5
COMP - 761644 761646		0.31	63.8	31.2	349	10.3	18.3
COMP - 761654 761655		0.21	152.0	59.4	>500	18.9	18.1
COMP - 761656 761657		0.21	174.0	74.7	164.5	20.2	8.2
COMP - 761658 761659		0.22	164.0	68.4	99.2	28.2	5.7
COMP - 761676 761677		0.22	56.1	28.7	472	12.0	21.0
COMP - 761678 761679		0.21	45.1	21.7	335	9.7	17.9
COMP - 761680 761681		0.22	68.6	31.6	361	15.0	16.7
COMP - 761682 761683		0.21	61.0	30.7	177.5	13.1	17.7
COMP - 761684 761685		0.21	49.1	24.7	106.5	10.4	11.4
COMP - 761686 761687		0.21	51.4	25.4	309	10.6	14.2
COMP - 761688 761689		0.21	55.4	27.3	259	11.8	9.4
COMP - 761690 761691		0.21	53.1	25.7	145.5	10.8	6.1
COMP - 761692 761693		0.21	57.1	27.4	121.0	11.5	4.2
COMP - 761694 761695		0.21	52.8	25.9	113.5	11.1	4.0