ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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Finalized Date: 1-JUL-2005
Account: DOBASS

CERTIFICATE BR05051567

Project:

P.O. No.: ALS 225475

This report is for 16 Pulp samples submitted to our lab in Brisbane, QLD, Australia on 30-JUN-2005.

The following have access to data associated with this certificate:

STEVE DOBOS		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LEV-01	Waste Disposal Levy

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61s	Up to 27 Element 4 Acid ICPAES	ICP-AES

To: **DOBOS AND ASSOCIATES**
ATTN: STEVE DOBOS
6 PANDIAN CRESCENT
BELLBOWRIE QLD 4070

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: 

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CERTIFICATE OF ANALYSIS BR05051567

Sample Description	Method	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm
	LOR	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	0.01	0.01	5
LJ1		<0.5	2.09	<5	90	2.6	2	0.10	<0.5	57	649	5	48.4	0.42	0.45	1145
LJ2		<0.5	7.29	<5	660	2.7	<2	0.65	<0.5	20	76	1	6.84	2.97	1.98	571
LJ3		<0.5	7.15	<5	710	2.4	<2	0.48	<0.5	22	75	1	6.94	3.05	1.93	619
LJ4		<0.5	7.89	<5	890	2.5	2	0.53	<0.5	16	68	2	5.91	3.47	1.50	458
LJ5		<0.5	8.41	<5	450	2.5	<2	0.24	<0.5	24	91	3	7.36	1.94	1.84	602
LJ6		<0.5	8.89	<5	870	3.4	2	0.15	<0.5	20	78	1	6.56	3.43	1.82	755
LJ7		<0.5	8.45	<5	700	5.1	2	0.17	<0.5	21	76	1	6.39	2.95	1.92	632
LJ8		<0.5	9.11	<5	760	5.1	<2	0.17	<0.5	25	100	1	7.14	2.90	2.08	648
LJ9		<0.5	8.83	<5	990	4.8	<2	0.18	<0.5	19	80	2	5.77	3.78	1.86	632
LJ10		<0.5	9.03	<5	590	5.5	3	0.22	<0.5	19	73	2	6.22	2.45	1.94	641
LJ11		<0.5	9.33	<5	520	5.0	<2	0.24	<0.5	23	92	<1	7.58	2.40	2.15	747
LJ12		<0.5	8.28	<5	630	5.2	<2	0.41	<0.5	23	82	3	6.62	2.83	2.17	796
LJ13		<0.5	7.70	<5	620	3.9	2	1.31	<0.5	19	85	3	7.23	2.49	1.94	837
LJ14		<0.5	8.25	<5	610	4.8	3	0.42	<0.5	21	83	3	6.67	2.74	2.21	646
LJ15		<0.5	8.08	<5	650	3.2	<2	1.13	<0.5	23	82	2	7.22	2.68	2.02	672
LJ16		<0.5	6.45	<5	500	4.1	<2	0.86	<0.5	20	74	23	6.69	2.51	1.74	766

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Sample Description	Method	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s	ME-ICP61s
	Analyte	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2
LJ1		1	0.03	136	380	10	<0.01	<5	17	0.18	675	<10	370
LJ2		<1	0.17	46	620	21	<0.01	<5	83	0.45	93	<10	109
LJ3		<1	0.20	43	580	24	<0.01	<5	91	0.44	93	<10	105
LJ4		<1	0.29	36	580	31	0.02	<5	107	0.37	81	<10	85
LJ5		<1	0.11	48	350	16	<0.01	<5	41	0.45	109	<10	128
LJ6		<1	0.22	45	520	29	<0.01	<5	95	0.45	97	<10	120
LJ7		<1	0.19	45	420	23	<0.01	<5	94	0.42	91	<10	146
LJ8		<1	0.19	51	300	28	<0.01	<5	86	0.44	106	<10	141
LJ9		<1	0.31	39	400	37	<0.01	<5	127	0.38	82	<10	119
LJ10		<1	0.17	43	560	22	<0.01	<5	71	0.42	85	<10	128
LJ11		<1	0.14	51	590	21	<0.01	<5	63	0.47	106	<10	145
LJ12		<1	0.16	51	480	23	<0.01	<5	72	0.50	95	<10	150
LJ13		<1	0.44	42	460	26	0.01	<5	97	0.42	97	<10	108
LJ14		<1	0.18	47	530	25	<0.01	<5	92	0.45	97	<10	133
LJ15		<1	1.04	49	530	30	0.02	<5	147	0.50	98	<10	114
LJ16		<1	0.82	40	570	25	0.01	<5	111	0.39	90	<10	98