



Australian Laboratory Services Pty. Ltd.  
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## CERTIFICATE BR11124016

Project: Stellar Res.

P.O. No.: TA 51317

This report is for 138 Pulp samples submitted to our lab in Brisbane, QLD, Australia on 4-JUL-2011.

The following have access to data associated with this certificate:

RICKY GELSTON

## SAMPLE PREPARATION

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

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF05	Trace Level XRF Analysis	XRF
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: BURNIE RESEARCH LABORATORY  
ATTN: RICKY GELSTON  
PO BOX 952  
BURNIE TAS 7320

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 BR11124016**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-XRF05	ME-XRF05
		Ag	As	Cu	Ni	Pb	Zn	Sn	W
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	5	1	1	2	2	5	10
Stellar Res. SR0063		<0.5	<5	87	52	98	371	<5	10
Stellar Res. SR0064		27.2	4900	56	31	2490	127	147	40
Stellar Res. SR0065		3.2	8300	128	48	490	63	368	50
Stellar Res. SR0066		0.5	484	31	37	55	79	261	60
Stellar Res. SR0067		<0.5	14	300	99	19	178	13	20
Stellar Res. SR0068		0.7	793	9	11	784	20	572	50
Stellar Res. SR0069		<0.5	18	85	88	21	315	10	20
Stellar Res. SR0070		<0.5	14	84	86	22	179	<5	10
Stellar Res. SR0071		<0.5	11	62	105	17	282	<5	10
Stellar Res. SR0072		41.8	3390	56	5	4260	94	2150	60
Stellar Res. SR0073		3.7	1875	40	6	774	39	565	20
Stellar Res. SR0074		<0.5	12	106	50	20	146	7	20
Stellar Res. SR0075		1.1	92	35	49	593	142	739	40
Stellar Res. SR0076		<0.5	26	68	71	19	182	<5	10
Stellar Res. SR0077		6.5	4150	57	21	1635	120	501	50
Stellar Res. SR0078		<0.5	23	55	85	17	146	<5	10
Stellar Res. SR0079		<0.5	47	62	8	447	45	110	20
Stellar Res. SR0080		<0.5	18	62	67	35	222	17	40
Stellar Res. SR0081		0.5	2350	13	25	375	43	200	70
Stellar Res. SR0082		<0.5	17	99	72	20	195	<5	10
Stellar Res. SR0083		<0.5	14	71	77	14	160	<5	10
Stellar Res. SR0084		<0.5	95	16	1	41	47	35	30
Stellar Res. SS0310		<0.5	34	63	62	169	154	43	10
Stellar Res. SS0311		0.5	92	54	35	201	200	140	10
Stellar Res. SS0312		<0.5	83	51	27	158	217	118	10
Stellar Res. SS0313		1.6	45	48	26	283	202	54	<10
Stellar Res. SS0314		<0.5	72	76	35	187	174	145	10
Stellar Res. SS0315		0.6	25	66	51	149	252	153	10
Stellar Res. SS0316		0.9	58	61	77	111	268	90	10
Stellar Res. SS0317		<0.5	19	68	63	20	182	15	<10
Stellar Res. SS0318		0.6	76	42	25	221	169	188	10
Stellar Res. SS0319		1.3	56	33	28	257	216	70	10
Stellar Res. SS0320		1.3	62	45	30	288	267	90	30
Stellar Res. SS0321		0.8	77	43	31	245	201	182	20
Stellar Res. SS0322		0.6	91	65	51	169	307	171	10
Stellar Res. SS0323		0.7	63	57	47	221	235	133	10
Stellar Res. SS0324		1.2	49	51	43	245	277	58	30
Stellar Res. SS0325		1.4	54	57	38	376	503	116	10
Stellar Res. SS0326		2.0	40	67	47	618	354	77	10
Stellar Res. SS0327		2.2	71	42	28	402	277	68	10



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**CERTIFICATE OF ANALYSIS BR11124016**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-XRF05	ME-XRF05
		Ag	As	Cu	Ni	Pb	Zn	Sn	W
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	5	1	1	2	2	5	10
Stellar Res. SS0328		0.6	136	153	31	169	175	198	10
Stellar Res. SS0329		1.0	128	38	28	291	276	204	10
Stellar Res. SS0330		1.9	97	27	25	316	274	386	10
Stellar Res. SS0331		3.4	47	26	41	227	205	232	10
Stellar Res. SS0332		1.6	115	46	39	326	181	169	10
Stellar Res. SS0333		1.2	72	31	32	263	236	65	20
Stellar Res. SS0334		1.0	84	31	27	212	236	125	10
Stellar Res. SS0335		1.3	74	54	48	244	192	166	10
Stellar Res. SS0336		0.5	36	38	37	136	160	42	10
Stellar Res. SS0337		1.2	152	72	47	276	207	268	30
Stellar Res. SS0338		0.7	43	53	70	171	232	186	40
Stellar Res. SS0339		1.5	107	38	31	309	221	294	10
Stellar Res. SS0340		6.0	109	70	61	347	275	438	10
Stellar Res. SS0341		<0.5	65	48	28	259	418	93	10
Stellar Res. SS0342		<0.5	92	105	58	177	189	85	10
Stellar Res. SS0343		<0.5	20	58	60	35	142	14	20
Stellar Res. SS0344		<0.5	22	51	40	46	102	9	10
Stellar Res. SS0345		<0.5	48	70	52	59	138	13	<10
Stellar Res. SS0346		<0.5	58	44	39	44	120	11	<10
Stellar Res. SS0347		<0.5	13	102	51	28	138	<5	<10
Stellar Res. SS0348		<0.5	14	109	62	27	184	<5	10
Stellar Res. SS0349		<0.5	18	76	57	31	166	5	<10
Stellar Res. SS0350		<0.5	12	59	61	22	161	<5	10
Stellar Res. SS0351		<0.5	31	48	39	29	101	11	<10
Stellar Res. SS0352		<0.5	11	23	46	31	128	<5	10
Stellar Res. SS0353		<0.5	15	29	43	24	128	9	10
Stellar Res. SS0354		<0.5	16	39	43	28	121	<5	20
Stellar Res. SS0355		0.8	21	54	66	23	167	24	10
Stellar Res. SS0356		<0.5	33	40	43	40	164	28	10
Stellar Res. SS0357		<0.5	14	37	30	31	84	6	<10
Stellar Res. SS0358		<0.5	13	41	31	29	114	5	10
Stellar Res. SS0359		<0.5	27	57	48	34	118	54	<10
Stellar Res. SS0360		<0.5	22	38	49	33	210	10	10
Stellar Res. SS0361		<0.5	11	28	35	33	108	5	10
Stellar Res. SS0362		<0.5	12	16	35	28	102	6	<10
Stellar Res. SS0363		<0.5	66	213	108	72	239	8	<10
Stellar Res. SS0364		<0.5	16	14	41	27	103	8	<10
Stellar Res. SS0365		<0.5	12	15	51	18	181	13	10
Stellar Res. SS0366		<0.5	21	14	42	16	118	12	10
Stellar Res. SS0367		<0.5	15	40	67	18	105	12	10



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Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-XRF05	ME-XRF05
		Ag	As	Cu	Ni	Pb	Zn	Sn	W
		ppm 0.5	ppm 5	ppm 1	ppm 1	ppm 2	ppm 2	ppm 5	ppm 10
Stellar Res. SS0368		<0.5	32	36	37	45	127	<5	20
Stellar Res. SS0369		<0.5	47	40	37	91	199	56	10
Stellar Res. SS0370		<0.5	26	44	34	75	140	21	10
Stellar Res. SS0371		<0.5	31	59	32	72	130	10	10
Stellar Res. SS0372		<0.5	49	38	44	79	226	33	20
Stellar Res. SS0373		0.5	56	103	41	217	256	200	10
Stellar Res. SS0374		0.8	75	74	32	469	473	131	10
Stellar Res. SS0375		<0.5	51	95	52	362	312	146	10
Stellar Res. SS0376		<0.5	33	45	30	122	200	150	10
Stellar Res. SS0377		<0.5	35	44	23	99	128	135	20
Stellar Res. SS0378		<0.5	36	45	24	99	96	41	10
Stellar Res. SS0379		<0.5	41	40	11	86	78	232	10
Stellar Res. SS0380		<0.5	90	114	15	139	186	374	10
Stellar Res. SS0381		0.6	80	34	19	128	191	337	10
Stellar Res. SS0382		<0.5	57	84	41	250	223	473	10
Stellar Res. SS0383		<0.5	31	45	28	70	96	85	10
Stellar Res. SS0384		<0.5	97	63	30	152	144	310	10
Stellar Res. SS0385		<0.5	80	89	55	311	303	369	10
Stellar Res. SS0386		<0.5	51	55	36	240	197	85	10
Stellar Res. SS0387		<0.5	70	219	39	263	350	190	10
Stellar Res. SS0388		<0.5	26	284	133	622	169	73	10
Stellar Res. SS0389		<0.5	73	57	40	347	357	462	10
Stellar Res. SS0390		0.7	42	44	44	201	243	202	<10
Stellar Res. SS0391		0.8	54	74	40	179	168	75	10
Stellar Res. SS0392		<0.5	36	31	17	105	144	121	10
Stellar Res. SS0393		<0.5	25	59	30	90	105	17	10
Stellar Res. SS0394		<0.5	16	84	41	39	115	23	<10
Stellar Res. SS0395		1.3	31	33	20	259	108	61	<10
Stellar Res. SS0396		0.9	74	35	33	275	257	78	<10
Stellar Res. SS0397		0.7	57	38	31	319	277	94	10
Stellar Res. SS0398		0.5	53	42	31	196	164	61	20
Stellar Res. SS0399		0.9	71	29	28	186	203	86	10
Stellar Res. SS0400		0.7	335	32	14	277	110	348	20
Stellar Res. SS0401		<0.5	104	40	37	166	153	156	20
Stellar Res. SS0402		<0.5	64	32	29	223	204	77	<10
Stellar Res. SS0403		0.7	72	35	30	283	222	180	10
Stellar Res. SS0404		0.7	55	76	48	266	301	34	10
Stellar Res. SS0405		1.1	58	40	33	247	284	55	<10
Stellar Res. SS0406		0.6	42	57	37	144	168	263	10
Stellar Res. SS0407		0.6	61	42	30	156	343	87	10



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		Ag	As	Cu	Ni	Pb	Zn	Sn	W
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	5	1	1	2	2	5	10
Stellar Res. SS0408		<0.5	66	43	36	194	407	54	20
Stellar Res. SS0409		<0.5	84	83	45	273	303	100	10
Stellar Res. SS0410		<0.5	29	95	78	272	318	49	10
Stellar Res. SS0411		<0.5	63	50	35	292	289	103	20
Stellar Res. SS0412		0.7	57	78	49	305	353	85	10
Stellar Res. SS0413		1.0	100	83	42	307	289	80	<10
Stellar Res. SS0414		1.2	104	104	37	189	155	57	<10
Stellar Res. SS0415		<0.5	73	127	56	391	501	132	<10
Stellar Res. SS0416		1.1	88	47	44	234	245	146	<10
Stellar Res. SS0417		1.4	74	37	29	247	196	97	<10
Stellar Res. SS0418		0.7	90	35	31	279	264	115	20
Stellar Res. SS0419		2.2	74	32	24	248	268	89	10
Stellar Res. SS0420		0.8	133	35	32	166	176	197	10
Stellar Res. SS0421		0.6	99	68	38	245	360	272	<10
Stellar Res. SS0422		1.0	11	11	5	51	57	11	<10
Stellar Res. SS0423		1.3	182	41	25	407	377	188	<10
Stellar Res. SS0424		6.3	341	69	28	991	781	205	<10
Stellar Res. SS0425		<0.5	110	66	34	138	176	24	10