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CERTIFICATE BU13189186

Project: CC_05_11_2013
 P.O. No.: 171
 This report is for 41 Drill Core samples submitted to our lab in Burnie, TAS, Australia on 11-NOV-2013.
 The following have access to data associated with this certificate:

LAURIE VESKA	DR JOE XIE	
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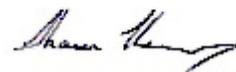
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
BAG-01	Bulk Master for Storage
LOG-22	Sample login - Rcd w/o BarCode
LEV-01	Waste Disposal Levy
PUL-QC	Pulverizing QC Test
CRU-21	Crush entire sample >70% -6 mm
PUL-31b	Pulv. Lg split to >80% -75um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
ME-MS41	51 anal. aqua regia ICPMS	

To: YUNNAN TIN AUSTRALIAN TDK RESOURCES PTY LTD
 ATTN: DR JOE XIE
 19 GUBBUTEH ROAD
 LITTLE BAY NSW 2036

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.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Shaun Kenny, Brisbane Laboratory Manager



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CERTIFICATE OF ANALYSIS BU13189186

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	PUL-QC Pass75um %	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm
5275		0.05		11.90	0.87	329	1.3	<10	60	0.26	4.92	0.45	4.51	24.5	27.1	10
5276		2.27		7.87	0.23	66.9	<0.2	10	100	0.24	1.18	4.84	8.66	4.70	15.5	4
5277		2.72		>100	0.08	167.0	<0.2	10	30	0.12	1.08	0.54	384	1.59	7.2	<1
5278		2.29		24.8	0.11	469	<0.2	10	40	0.19	1.12	3.20	7.05	4.24	18.2	<1
5279		2.58		0.98	0.23	14.3	<0.2	10	70	0.25	0.22	10.20	0.71	7.70	18.3	6
5280		2.34		0.46	0.20	7.4	<0.2	10	50	0.27	0.24	11.30	0.32	7.44	24.8	7
5281		2.44		0.22	0.18	9.1	<0.2	10	70	0.36	0.15	7.78	0.12	7.04	31.7	4
5282		2.31		0.08	0.27	7.1	<0.2	<10	100	0.30	0.13	4.59	0.05	14.50	8.8	3
5283		2.38		2.00	0.29	42.2	<0.2	<10	100	0.33	0.18	2.58	2.26	15.65	10.2	2
5284		2.62		24.3	0.15	59.7	<0.2	10	50	0.28	1.10	0.30	24.8	11.50	8.1	<1
5285		2.31		9.58	0.28	27.3	<0.2	<10	100	0.37	0.34	3.05	2.36	14.15	13.4	1
5286		2.53		1.06	0.30	65.5	<0.2	10	100	0.43	0.20	5.77	1.91	11.05	10.3	2
5287		2.26		3.47	0.17	29.6	<0.2	10	60	0.26	0.09	6.43	1.74	8.71	6.3	1
5288		2.50		18.50	0.20	30.0	<0.2	10	80	0.25	1.08	3.87	5.90	10.40	6.7	2
5289		2.53		10.15	0.20	42.3	<0.2	10	80	0.22	0.44	3.52	3.75	7.39	5.0	1
5290		2.15		3.04	0.17	48.1	<0.2	<10	50	0.29	2.29	5.79	1.66	9.78	16.9	2
5291		2.60		0.93	0.03	25.3	<0.2	<10	10	0.09	0.26	3.83	0.48	0.69	2.8	1
5292		2.36		1.34	0.02	12.5	<0.2	<10	10	0.06	0.23	0.34	0.11	0.94	2.4	<1
5293		2.66		0.58	0.01	8.5	<0.2	<10	10	0.05	0.17	0.25	0.14	0.60	2.1	1
5294		2.61	96.6	1.04	0.12	33.9	<0.2	<10	20	0.13	0.89	0.28	0.20	4.32	9.2	2
5295		2.59		0.17	0.03	49.7	<0.2	<10	10	<0.05	0.15	0.18	0.10	1.10	2.0	<1
5296		2.67		1.09	0.10	106.5	<0.2	<10	20	0.15	1.06	0.41	0.07	3.98	9.6	1
5297		2.31		0.85	0.15	23.5	<0.2	<10	20	0.14	0.83	0.29	0.05	5.79	10.2	5
5298		2.15		0.71	0.15	34.5	<0.2	<10	30	0.12	1.08	0.24	0.07	3.35	10.9	4
5299		2.42		0.32	0.01	9.8	<0.2	<10	<10	<0.05	0.14	0.20	0.06	0.33	2.0	2
5300		2.26		0.45	0.02	42.0	<0.2	50	10	0.08	0.39	10.70	0.08	2.56	3.7	<1
5301		2.12		2.23	0.13	147.5	<0.2	40	20	0.13	1.07	9.63	0.24	4.66	7.7	1
5302		2.55		1.86	0.10	33.0	<0.2	40	20	0.21	0.72	5.16	1.20	6.35	8.7	3
5303		2.64		0.91	0.13	24.9	<0.2	30	20	0.20	0.31	13.00	1.19	5.73	5.5	2
5304		1.98		0.94	0.08	61.6	<0.2	30	20	0.18	0.34	14.15	0.38	2.77	3.6	<1
5305		2.40		2.71	0.07	40.7	<0.2	30	20	0.17	0.53	10.75	0.19	3.38	5.5	<1
5306		2.36		0.43	0.04	167.0	<0.2	20	10	0.11	0.15	13.75	1.42	4.08	2.9	<1
5307		2.57		55.0	0.03	4720	0.4	20	10	0.06	6.71	5.88	43.0	1.66	10.0	<1
5308		2.56		10.75	0.21	87.9	<0.2	20	30	0.28	7.26	5.58	8.01	11.70	23.8	4
5309		2.18		17.15	0.33	52.4	<0.2	20	40	0.41	8.78	6.48	10.75	16.90	29.8	6
5310		2.54		71.2	0.11	1125	<0.2	20	10	0.16	9.06	10.85	155.5	5.28	17.2	1
5311		2.66		61.7	0.12	3110	<0.2	20	10	0.21	8.52	8.07	232	2.82	37.7	3
5312		2.52		5.79	0.29	104.0	<0.2	20	40	0.42	7.52	8.86	2.93	11.45	31.3	5
5313		2.44		1.75	0.11	56.4	<0.2	10	20	0.24	1.37	13.45	1.05	4.93	8.5	2
5314		2.20		1.61	0.18	76.6	<0.2	<10	10	0.17	1.21	13.75	0.50	6.25	8.7	3



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CERTIFICATE OF ANALYSIS BU13189186

Sample Description	Method	ME-MS41														
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units LOR	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
5275		1.64	9500	2.81	4.46	0.10	0.60	0.10	0.500	0.24	13.6	8.6	0.40	229	17.65	0.04
5276		2.42	187.0	8.51	1.11	0.08	0.19	0.07	3.56	0.11	1.9	1.3	4.13	30200	5.58	0.02
5277		1.24	583	13.50	1.81	0.14	0.06	1.97	12.45	0.04	0.7	0.6	2.37	>50000	1.87	0.01
5278		1.85	88.3	14.80	1.56	0.14	0.11	0.05	6.56	0.06	1.8	1.0	4.33	>50000	3.72	0.01
5279		3.95	25.7	6.31	0.81	0.06	0.12	0.01	0.455	0.12	3.2	2.1	6.74	12250	1.84	0.02
5280		4.32	41.9	6.00	0.54	0.06	0.15	0.01	0.303	0.10	3.0	4.1	7.37	6790	3.62	0.02
5281		6.93	9.9	5.93	0.42	0.05	0.25	0.01	0.289	0.10	3.2	1.0	5.12	4920	2.22	0.01
5282		2.55	4.9	2.96	0.69	<0.05	0.16	0.02	0.628	0.16	7.0	3.2	3.00	6880	0.58	0.01
5283		3.43	16.3	5.20	1.03	0.05	0.21	0.02	1.565	0.18	8.1	3.4	2.17	18700	0.47	0.01
5284		2.55	72.5	14.70	1.72	0.13	0.15	0.08	4.43	0.10	6.2	2.1	2.32	>50000	0.36	0.01
5285		2.97	29.2	6.90	1.22	0.06	0.22	0.02	3.39	0.17	6.9	3.2	2.76	27400	0.43	0.01
5286		2.03	8.9	6.27	1.16	0.06	0.22	0.02	1.520	0.18	5.1	4.3	4.39	21500	0.55	0.01
5287		0.81	18.4	6.57	0.97	0.06	0.17	0.01	3.21	0.12	3.8	2.9	5.03	26700	0.17	0.01
5288		0.98	44.5	9.44	1.31	0.08	0.15	0.03	4.35	0.13	5.1	3.3	3.91	39900	0.39	0.01
5289		1.54	76.5	11.75	1.57	0.10	0.09	0.03	10.05	0.09	3.2	1.6	4.11	>50000	0.23	0.01
5290		0.90	31.2	5.56	0.70	0.05	0.27	0.03	1.805	0.13	4.2	3.3	4.15	13850	6.34	0.01
5291		0.30	9.7	16.60	0.59	0.13	0.03	0.02	4.01	0.02	0.3	1.1	6.36	19150	0.69	0.01
5292		0.38	14.8	25.6	0.61	0.21	0.02	0.01	6.22	0.01	0.4	1.8	7.01	19300	0.33	0.02
5293		0.32	8.0	21.4	0.52	0.17	0.02	<0.01	5.18	0.01	0.2	1.2	6.28	16150	0.60	0.01
5294		0.70	11.1	22.4	0.86	0.17	0.10	0.01	4.47	0.08	2.1	1.9	6.89	19650	1.68	0.02
5295		0.35	3.1	24.2	0.75	0.20	0.02	0.01	4.85	0.02	0.5	1.2	7.68	26200	0.20	0.01
5296		1.01	11.5	24.5	0.70	0.20	0.09	0.01	4.53	0.05	1.8	1.8	7.44	16850	1.61	0.01
5297		0.94	14.1	13.25	0.83	0.12	0.11	0.01	2.69	0.09	2.6	1.4	3.93	15500	1.47	0.01
5298		0.51	10.3	18.15	0.87	0.15	0.10	0.01	4.15	0.10	1.5	2.6	5.84	16650	2.04	0.01
5299		0.23	3.4	18.80	0.51	0.15	<0.02	0.01	5.62	0.01	<0.2	0.8	5.79	15800	0.39	0.01
5300		0.22	7.2	9.89	0.31	0.09	0.02	0.01	3.90	0.01	1.3	1.4	8.78	11850	0.64	0.02
5301		0.28	35.2	4.42	0.69	<0.05	0.10	0.01	1.075	0.09	2.2	4.6	6.50	15650	0.44	0.01
5302		0.49	40.6	7.29	0.91	0.06	0.16	0.02	2.65	0.07	2.9	3.8	4.47	32400	3.88	0.01
5303		0.89	6.5	3.94	0.60	<0.05	0.11	0.02	0.956	0.08	2.4	2.3	8.38	14850	0.50	0.02
5304		0.52	10.4	5.32	0.69	0.05	0.06	0.01	1.170	0.05	1.1	2.5	9.45	22200	0.42	0.02
5305		0.30	28.5	6.04	0.73	0.05	0.08	0.01	0.804	0.05	1.6	3.6	7.41	24600	1.21	0.01
5306		0.65	5.4	6.88	0.58	0.06	0.02	0.01	2.67	0.02	1.7	2.3	8.99	18150	0.44	0.02
5307		0.44	38.7	14.40	0.69	0.11	0.02	0.04	10.25	0.02	0.6	1.1	5.19	23100	0.27	0.01
5308		2.85	111.0	4.76	0.78	0.05	0.21	0.03	2.23	0.13	5.3	2.9	3.75	4330	8.11	0.02
5309		5.30	116.5	5.56	1.25	0.07	0.24	0.04	2.28	0.17	7.8	4.3	4.19	5850	13.95	0.02
5310		1.82	1600	9.96	0.97	0.09	0.06	0.13	18.40	0.07	2.1	2.1	5.85	22500	1.40	0.02
5311		2.74	2040	10.15	0.89	0.09	0.09	0.27	39.1	0.07	1.0	2.1	4.53	13900	2.33	0.01
5312		6.51	207	7.92	1.08	0.07	0.23	0.03	1.925	0.16	5.1	3.7	5.38	8180	14.55	0.02
5313		2.08	88.8	3.11	0.47	<0.05	0.05	0.01	0.456	0.05	2.1	3.4	7.90	3480	3.40	0.02
5314		1.01	119.0	3.62	0.65	<0.05	0.06	<0.01	0.256	0.03	2.6	4.4	8.07	3060	1.66	0.02



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CERTIFICATE OF ANALYSIS BU13189186

Sample Description	Method Analyte Units LOR	ME-MS41														
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm						
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
5275		0.92	19.4	490	5740	32.5	0.028	1.28	307	2.2	5.3	6.3	12.4	0.01	0.41	16.5
5276		0.06	19.9	400	1730	6.8	0.006	2.27	230	5.2	0.9	1.0	226	<0.01	0.02	1.5
5277		0.07	9.5	110	>10000	3.0	0.001	7.04	1150	2.3	4.9	40.0	24.7	<0.01	0.02	0.4
5278		0.07	16.2	140	>10000	4.8	0.005	2.55	728	4.1	0.7	1.7	118.5	<0.01	0.02	1.0
5279		0.05	17.4	220	476	9.8	0.002	1.83	43.9	8.8	0.6	0.3	491	<0.01	0.03	2.3
5280		0.05	21.8	310	241	10.2	0.004	1.83	57.3	7.9	0.7	<0.2	492	<0.01	0.03	1.9
5281		<0.05	27.8	360	58.6	7.3	0.002	3.01	13.15	9.3	0.7	<0.2	309	<0.01	0.02	4.6
5282		<0.05	12.1	390	28.6	8.5	<0.001	0.93	3.22	5.8	0.3	0.2	193.5	<0.01	0.01	4.1
5283		<0.05	13.2	350	1000	8.8	<0.001	1.11	43.8	6.1	0.2	0.7	101.5	<0.01	0.02	4.3
5284		0.06	12.2	210	>10000	5.3	<0.001	1.41	174.0	6.3	0.5	2.8	15.3	<0.01	0.03	2.5
5285		<0.05	17.4	310	5190	8.4	<0.001	1.15	75.8	7.7	0.4	0.8	134.0	0.01	0.01	4.0
5286		<0.05	14.2	380	758	8.5	<0.001	0.94	48.7	6.8	0.4	0.5	249	<0.01	0.01	3.2
5287		<0.05	8.8	480	1760	5.6	<0.001	1.01	72.3	5.0	0.4	0.4	295	<0.01	0.01	2.2
5288		0.06	9.1	310	9090	5.8	<0.001	1.39	162.0	4.6	0.4	1.4	159.0	<0.01	0.02	2.3
5289		0.06	7.7	1100	3050	5.3	<0.001	0.85	140.5	3.3	0.4	1.4	136.0	<0.01	0.02	1.5
5290		0.05	34.4	330	82.6	4.7	0.005	2.73	20.6	3.8	0.9	0.6	167.5	<0.01	0.04	2.7
5291		0.08	5.0	80	75.4	1.5	0.001	0.44	6.99	1.1	0.3	0.3	64.5	<0.01	0.01	0.2
5292		0.11	8.3	130	34.7	1.3	0.002	0.21	10.60	0.8	0.3	<0.2	7.3	<0.01	0.01	<0.2
5293		0.09	6.7	110	33.4	1.1	0.001	0.16	7.37	0.8	0.2	<0.2	5.2	<0.01	0.01	<0.2
5294		0.10	14.7	310	88.9	3.9	0.003	0.89	7.87	2.3	0.3	0.3	9.5	<0.01	0.02	0.8
5295		0.11	5.9	80	36.1	1.5	<0.001	0.39	1.83	1.1	0.2	<0.2	6.3	<0.01	0.01	0.2
5296		0.11	14.1	950	34.7	3.3	0.002	1.59	10.50	2.1	0.4	<0.2	20.8	<0.01	0.02	1.5
5297		0.06	15.4	480	42.0	4.3	0.002	0.78	11.20	3.0	0.4	0.4	9.9	<0.01	0.03	1.1
5298		0.09	15.6	370	130.0	4.3	0.002	0.85	9.23	3.1	0.4	0.3	11.5	<0.01	0.02	0.8
5299		0.08	4.3	60	84.6	0.7	<0.001	0.15	3.16	0.7	<0.2	<0.2	3.4	<0.01	0.01	<0.2
5300		0.05	4.1	90	229	1.2	0.001	1.31	6.00	0.8	0.3	<0.2	173.0	<0.01	0.01	<0.2
5301		<0.05	7.7	100	1150	4.3	<0.001	0.92	56.5	1.8	0.3	0.3	167.0	<0.01	0.02	0.9
5302		<0.05	13.6	170	429	3.8	0.004	1.01	62.2	2.4	0.5	0.6	101.5	<0.01	0.02	1.2
5303		<0.05	9.2	570	326	5.3	0.001	0.79	5.23	3.0	0.4	0.7	236	<0.01	0.01	0.9
5304		<0.05	4.1	200	77.7	4.0	<0.001	0.70	7.95	1.5	0.3	0.3	198.0	<0.01	0.02	0.4
5305		0.05	7.8	180	87.3	3.0	0.001	0.75	31.2	1.9	0.4	0.2	197.0	<0.01	0.01	0.7
5306		0.05	0.9	120	123.0	3.4	<0.001	0.59	2.86	0.7	0.3	<0.2	241	<0.01	0.02	0.2
5307		0.06	2.5	70	>10000	2.9	<0.001	9.41	71.7	0.6	0.7	2.1	113.5	<0.01	0.02	<0.2
5308		<0.05	28.4	530	4610	8.8	0.010	3.10	29.6	1.3	0.9	0.6	95.1	<0.01	0.09	2.6
5309		<0.05	31.2	1600	9480	14.5	0.012	2.13	33.0	3.3	1.0	1.0	156.5	<0.01	0.16	3.2
5310		0.05	19.0	180	>10000	8.3	0.001	6.44	118.0	2.4	2.2	14.9	164.5	<0.01	0.04	0.4
5311		0.05	47.4	160	>10000	7.9	0.003	8.72	105.5	2.6	3.1	17.6	209	<0.01	0.06	0.7
5312		<0.05	36.8	510	1600	13.5	0.017	3.18	35.4	3.3	0.8	0.8	270	<0.01	0.11	2.7
5313		<0.05	9.3	170	196.5	5.2	0.003	0.70	21.3	2.4	0.5	0.2	391	<0.01	0.04	0.6
5314		<0.05	9.6	180	95.9	2.6	0.002	0.88	35.8	3.0	0.5	<0.2	384	<0.01	0.02	0.8



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Sample Description	Method Analyte Units LOR	ME-MS41	Ag-OG46	Cu-OG46	Pb-OG46	Zn-OG46							
		Ti	Ti	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn
		%	ppm	%	%	%							
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	1	0.001	0.001	0.001
5275		0.127	0.47	8.97	41	0.43	11.10	1160	20.2				
5276		<0.005	0.14	1.43	26	2.58	8.10	2240	6.5				
5277		<0.005	0.25	0.19	8	2.18	4.74	>10000	2.0	201		9.11	9.57
5278		<0.005	0.13	0.48	13	1.36	8.56	1730	3.7			1.655	
5279		<0.005	0.13	0.42	20	0.33	12.40	205	4.4				
5280		<0.005	0.13	0.48	28	0.50	10.45	87	5.7				
5281		<0.005	0.09	0.66	17	0.28	9.72	30	9.5				
5282		<0.005	0.09	0.32	5	14.10	7.56	11	5.8				
5283		<0.005	0.10	0.42	6	0.34	8.23	558	7.6				
5284		<0.005	0.10	0.29	7	0.45	9.78	5260	5.1			1.655	
5285		<0.005	0.11	0.46	7	2.83	11.50	597	8.4				
5286		<0.005	0.09	0.59	8	0.26	10.75	496	8.3				
5287		<0.005	0.06	0.44	6	0.17	9.97	457	5.8				
5288		<0.005	0.07	0.41	7	2.69	8.90	1280	5.2				
5289		<0.005	0.11	0.41	8	0.17	10.85	887	3.0				
5290		<0.005	0.19	0.70	10	0.46	9.17	368	9.0				
5291		<0.005	0.04	0.92	4	2.83	3.24	169	2.8				
5292		<0.005	0.03	0.07	5	0.18	4.23	51	0.5				
5293		<0.005	0.02	<0.05	5	0.30	4.28	63	<0.5				
5294		<0.005	0.08	0.24	11	2.00	3.36	89	3.1				
5295		<0.005	0.03	0.07	7	0.11	2.60	87	0.5				
5296		<0.005	0.06	0.53	12	0.23	6.29	63	2.9				
5297		<0.005	0.09	0.32	12	1.96	5.92	26	3.8				
5298		<0.005	0.09	0.30	15	0.34	5.18	58	3.2				
5299		<0.005	<0.02	0.05	4	0.42	2.55	45	<0.5				
5300		<0.005	0.02	0.40	4	0.52	2.87	47	1.2				
5301		<0.005	0.06	0.53	5	0.11	4.13	67	3.9				
5302		<0.005	0.08	0.87	11	0.38	6.02	346	5.8				
5303		<0.005	0.07	0.83	9	0.37	6.77	406	4.2				
5304		<0.005	0.05	0.63	4	0.13	3.58	150	3.1				
5305		<0.005	0.06	0.79	6	0.20	4.23	62	3.4				
5306		<0.005	0.02	0.10	4	0.35	2.81	326	0.7				
5307		<0.005	0.08	0.14	2	0.09	2.97	8780	0.7			2.07	
5308		<0.005	0.33	0.98	16	0.31	4.79	1830	5.8				
5309		<0.005	0.56	0.66	41	0.91	7.99	2380	7.4				
5310		<0.005	0.25	0.25	13	0.10	7.31	>10000	2.0			1.935	3.68
5311		<0.005	0.27	0.49	17	0.19	5.16	>10000	2.8			2.41	5.37
5312		<0.005	0.58	0.62	37	0.65	5.79	638	7.2				
5313		<0.005	0.12	0.28	20	0.13	5.16	236	1.6				
5314		<0.005	0.05	0.43	25	0.12	5.28	103	2.0				



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	PUL-QC Pass75um %	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm
5315		0.02	0.01	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
		0.05		11.60	0.86	363	0.8	<10	60	0.27	4.28	0.51	4.71	27.7	26.3	10

***** See Appendix Page for comments regarding this certificate *****



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CERTIFICATE OF ANALYSIS BU13189186

Sample Description	Method	ME-MS41														
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
5315		1.73	>10000	2.80	4.69	0.12	0.64	0.10	0.532	0.24	16.2	9.7	0.40	245	17.80	0.04

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Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
5315		1.24	19.3	490	6050	32.9	0.028	1.27	325	2.3	4.9	6.8	13.8	0.01	0.42	16.4

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Sample Description	Method Analyte Units LOR	ME-MS41 Ti %	ME-MS41 Ti ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm	Ag-OG46 Ag ppm	Cu-OG46 Cu %	Pb-OG46 Pb %	Zn-OG46 Zn %
5315		0.151	0.44	9.29	45	0.41	11.60	1220	20.9		1.005		

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	CERTIFICATE COMMENTS								
Applies to Method:	<p style="text-align: center;">ANALYTICAL COMMENTS</p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). ME-MS41</p>								
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Brisbane located at 32 Shand Street, Stafford, Brisbane, QLD, Australia.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag-OG46</td> <td style="width: 33%;">Cu-OG46</td> <td style="width: 33%;">ME-MS41</td> <td style="width: 15%;"></td> </tr> <tr> <td>Pb-OG46</td> <td>Zn-OG46</td> <td></td> <td>ME-OG46</td> </tr> </table>	Ag-OG46	Cu-OG46	ME-MS41		Pb-OG46	Zn-OG46		ME-OG46
Ag-OG46	Cu-OG46	ME-MS41							
Pb-OG46	Zn-OG46		ME-OG46						
Applies to Method:	<p>Processed at ALS Burnie located at 39 River Road, Burnie, TAS, Australia.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">BAG-01</td> <td style="width: 33%;">CRU-21</td> <td style="width: 33%;">LEV-01</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>PUL-31b</td> <td>PUL-QC</td> <td>WEI-21</td> <td></td> </tr> </table>	BAG-01	CRU-21	LEV-01	LOG-22	PUL-31b	PUL-QC	WEI-21	
BAG-01	CRU-21	LEV-01	LOG-22						
PUL-31b	PUL-QC	WEI-21							