



Australian Laboratory Services Pty. Ltd.
32 Shand Street
Stafford
Brisbane QLD 4053
Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218
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Finalized Date: 7-JAN-2014
This copy reported on 10-JAN-2014
Account: ABNIR

CERTIFICATE OR13223738

Project:
P.O. No.: 2
This report is for 8 Drill Core samples submitted to our lab in Orange, NSW, Australia on 16-DEC-2013.

The following have access to data associated with this certificate:

TIM MCKINNON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-21	Crush entire sample >70% -6 mm
PUL-23	Pulv Sample - Split/Retain

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **ABN-IR PTY LTD**
ATTN: TIM MCKINNON
NUMBER 605
50 CLARENCE ST
SYDNEY NSW 2000

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:

Soeren Oppermann, Laboratory Manager, Orange



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CERTIFICATE OF ANALYSIS OR13223738

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	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	ME-MS41 Cs ppm
		0.02	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
DDHZ 31M - 32M		1.02	0.14	1.36	124.0	0.7	<10	420	0.85	0.04	2.54	0.10	14.10	20.9	9	2.14
DDHZ 32M - 33M		1.18	0.29	0.17	310	1.7	<10	10	0.22	0.05	0.17	0.04	5.58	4.8	5	0.40
DDHZ 33M - 34M		1.52	0.41	0.09	336	2.7	<10	10	0.26	0.07	0.19	0.04	7.32	5.4	10	0.46
DDHZ 34M - 35M		1.58	0.27	0.05	475	2.0	<10	10	0.23	0.07	0.20	0.04	5.09	5.4	7	0.31
DDHZ 35M - 36M		1.24	0.17	0.16	48.4	1.1	<10	20	0.45	0.06	0.29	0.05	15.20	7.3	9	0.41
DDHZ 36M - 37M		1.24	0.55	0.33	84.5	4.0	<10	40	1.05	0.13	0.44	0.09	36.2	16.6	4	0.97
DDHZ 37M - 38M		1.44	1.47	0.11	530	4.2	<10	20	0.57	0.13	0.26	<0.01	17.15	1705	17	0.46
DDHZ 38M - 39M		1.82	0.62	0.06	1240	4.6	<10	10	0.22	0.10	0.15	0.02	7.40	5.0	8	0.18

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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		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	0.05
DDHZ 31M - 32M		36.3	8.15	5.00	0.23	0.15	0.04	0.018	0.41	6.3	18.6	0.55	2560	1.86	0.01	0.17
DDHZ 32M - 33M		28.3	10.95	2.35	0.29	0.03	0.06	0.007	0.02	1.3	2.5	0.13	1330	4.29	<0.01	0.11
DDHZ 33M - 34M		26.3	11.30	1.69	0.34	0.02	0.03	0.007	0.02	1.6	1.2	0.12	1460	4.75	<0.01	0.14
DDHZ 34M - 35M		17.0	9.21	1.24	0.24	0.02	0.02	0.005	0.01	1.2	0.7	0.09	1320	3.02	<0.01	0.09
DDHZ 35M - 36M		7.3	12.40	3.10	0.37	0.03	0.03	0.008	0.02	2.9	2.8	0.14	2040	5.32	<0.01	0.18
DDHZ 36M - 37M		12.3	28.7	6.75	1.13	0.08	0.07	0.022	0.03	5.9	4.8	0.34	4890	18.90	0.01	0.54
DDHZ 37M - 38M		1025	17.60	3.01	0.60	0.03	0.04	<0.005	0.01	3.1	1.3	0.15	2740	9.26	<0.01	0.30
DDHZ 38M - 39M		20.7	7.97	1.31	0.21	<0.02	0.02	0.006	0.01	1.5	1.0	0.07	1250	5.14	<0.01	0.13

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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.005
DDHZ 31M - 32M		29.1	1510	3.1	16.8	0.001	0.44	1.20	4.9	1.1	0.4	111.0	<0.01	0.05	0.4	0.008
DDHZ 32M - 33M		26.9	390	2.7	1.0	0.001	1.46	2.72	0.8	0.9	0.4	8.1	<0.01	0.05	<0.2	<0.005
DDHZ 33M - 34M		25.9	470	4.9	1.0	0.001	1.64	2.12	0.7	1.3	0.2	9.7	<0.01	0.06	<0.2	<0.005
DDHZ 34M - 35M		25.9	380	4.1	0.7	0.001	1.31	1.92	0.5	0.9	<0.2	8.1	<0.01	0.07	<0.2	<0.005
DDHZ 35M - 36M		31.9	540	2.2	1.1	0.001	0.65	1.04	1.0	0.8	0.3	14.2	<0.01	0.07	0.2	<0.005
DDHZ 36M - 37M		68.6	890	5.1	1.9	0.002	1.15	2.52	1.9	0.9	0.5	27.5	<0.01	0.31	0.5	0.012
DDHZ 37M - 38M		206	650	4.9	0.9	0.001	1.30	3.23	1.0	1.0	147.5	14.5	<0.01	0.16	0.2	<0.005
DDHZ 38M - 39M		17.6	400	3.6	0.4	0.001	1.51	3.45	0.5	0.9	0.9	7.4	<0.01	0.13	<0.2	<0.005

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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Au-AA25
		Tl	U	V	W	Y	Zn	Zr	Au
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	1	0.05	0.05	2	0.5	0.01
DDHZ 31M - 32M		0.13	0.34	65	0.20	7.57	74	6.7	0.74
DDHZ 32M - 33M		0.08	0.08	49	0.23	1.91	38	0.9	1.74
DDHZ 33M - 34M		0.04	0.10	37	0.31	2.27	37	0.9	4.42
DDHZ 34M - 35M		0.03	0.07	29	0.19	1.85	35	0.8	1.32
DDHZ 35M - 36M		0.02	0.12	47	0.61	2.93	51	1.2	0.97
DDHZ 36M - 37M		0.05	0.34	85	2.04	5.91	85	3.0	2.54
DDHZ 37M - 38M		0.04	0.20	48	4.33	3.88	48	1.2	3.11
DDHZ 38M - 39M		0.03	0.11	25	0.43	1.91	25	0.5	3.96

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