Australian Laboratory Services Pty. Ltd.

32 Shand Street
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Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218
www.alsglobal.com

Finalized Date: 6-DEC-2012
Account: AUVMAN

QC CERTIFICATE AS12271296

Project: Georgina Basin

P.O. No.:

This report is for 112 Percussion samples submitted to our lab in Alice Springs, NT, Australia on 20-NOV-2012.

The following have access to data associated with this certificate:

ADMIN	CHRIS BRYANS	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-QC	Pulverizing QC Test
LEV-01	Waste Disposal Levy
LOG-22	Sample login - Rcd w/o BarCode
PUL-23	Pulv Sample - Split/Retain
BAG-01	Bulk Master for Storage
SPL-21	Split sample - riffle splitter

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **AUVEX MANGANESE LTD**
ATTN: CHRIS BRYANS
LEVEL 4 , 15 OGILVIE ROAD
MT PLEASANT WA 6153

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:

Wayne Abbott, Operations Manager, Western Australia

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QC CERTIFICATE OF ANALYSIS AS12271296

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ag	As	Ba	Cu	Fe	Mn	P	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.5	5	10	1	0.01	5	10	2	2
STANDARDS										
GBM398-4c		51.9	6	50	3940	4.74	5320	480	>10000	5360
GBM398-4c		75.1	8	50	3850	4.55	5140	480	>10000	4870
GBM398-4c		49.1	<5	50	3800	4.59	5070	480	>10000	5100
GBM398-4c		47.9	<5	40	3660	4.31	5050	480	>10000	4850
Target Range - Lower Bound		43.6	<5	20	3500	4.28	4590	420	10550	4600
Upper Bound		54.4	17	60	4280	5.26	5620	540	>10000	5630
GBM908-10		3.1	54	1160	3810	5.90	836	1000	2090	1130
GBM908-10		3.3	57	1110	3450	5.65	784	970	1980	1050
GBM908-10		3.0	57	1160	3640	5.90	823	1020	2030	1100
GBM908-10		2.9	55	1110	3630	5.55	813	1020	2010	1070
Target Range - Lower Bound		1.9	42	980	3270	4.98	716	860	1860	939
Upper Bound		4.2	68	1220	3990	6.10	886	1080	2280	1155
MRGeo08		4.8	36	1100	641	4.05	573	1030	1060	826
MRGeo08		4.5	36	1090	606	3.94	557	990	1035	783
MRGeo08		4.6	28	1090	613	3.95	551	1000	1030	792
MRGeo08		4.4	29	1040	605	3.83	551	1000	1005	778
Target Range - Lower Bound		3.2	22	980	567	3.61	506	910	969	722
Upper Bound		5.7	45	1210	695	4.43	630	1140	1190	886
OREAS-101a		<0.5	21	170	419	10.90	921	1160	26	21
OREAS-101a		6.6	13	180	411	10.60	906	1180	28	21
OREAS-101a		<0.5	14	170	403	10.60	888	1160	26	21
OREAS-101a		<0.5	17	170	418	10.30	942	1200	23	21
Target Range - Lower Bound		<0.5	6	130	375	8.90	828	1030	22	19
Upper Bound		1.9	28	190	461	10.90	1025	1290	32	29
BLANKS										
BLANK		<0.5	<5	<10	<1	<0.01	<5	<10	<2	<2
BLANK		0.7	<5	<10	2	<0.01	<5	<10	<2	2
BLANK		<0.5	<5	<10	<1	<0.01	<5	<10	<2	<2
BLANK		<0.5	<5	<10	<1	<0.01	<5	<10	<2	<2
Target Range - Lower Bound		<0.5	<5	<10	<1	<0.01	<5	<10	<2	<2
Upper Bound		1.0	10	20	2	0.02	10	20	4	4

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	Analyte	Ag	As	Ba	Cu	Fe	Mn	P	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.5	5	10	1	0.01	5	10	2	2
DUPLICATES										
AG0137		<0.5	6	70	10	0.66	337	80	14	15
DUP		<0.5	10	70	10	0.66	339	80	13	15
Target Range - Lower Bound		<0.5	<5	60	9	0.62	316	70	11	12
Upper Bound		1.0	10	80	12	0.70	360	90	16	18
AG0398		<0.5	5	90	10	0.98	467	390	16	34
DUP		<0.5	8	90	10	0.95	464	400	10	34
Target Range - Lower Bound		<0.5	<5	80	9	0.91	437	370	10	30
Upper Bound		1.0	10	100	12	1.02	494	420	16	38
AG0592		1.5	<5	370	4	0.44	597	240	40	39
DUP		1.1	<5	380	4	0.46	568	250	41	39
Target Range - Lower Bound		0.7	<5	350	3	0.42	548	220	36	35
Upper Bound		1.9	10	400	5	0.48	617	270	45	43
AG0760		0.7	<5	120	6	1.04	247	130	8	16
DUP		1.8	<5	120	6	1.03	240	130	9	16
Target Range - Lower Bound		0.7	<5	100	5	0.97	226	110	6	13
Upper Bound		1.8	10	140	7	1.10	261	150	11	19
AG0837		<0.5	5	30	5	0.56	177	40	10	6
DUP		<0.5	<5	40	6	0.57	187	40	10	6
Target Range - Lower Bound		<0.5	<5	20	4	0.53	168	30	8	4
Upper Bound		1.0	10	50	7	0.60	196	50	13	8
AG0944		<0.5	<5	570	2	1.02	363	590	75	26
DUP		<0.5	<5	560	2	1.02	351	570	73	25
Target Range - Lower Bound		<0.5	<5	530	<1	0.96	334	540	68	22
Upper Bound		1.0	10	600	3	1.08	380	620	80	29
AG0948		<0.5	<5	300	6	0.76	952	2390	388	68
DUP		<0.5	<5	300	5	0.77	957	2430	391	69
Target Range - Lower Bound		<0.5	<5	280	4	0.72	902	2280	368	63
Upper Bound		1.0	10	330	7	0.81	1005	2540	411	74
AG1019		0.5	<5	920	7	1.26	1040	2790	157	98
DUP		<0.5	5	890	7	1.20	992	2690	152	93
Target Range - Lower Bound		<0.5	<5	850	6	1.16	960	2590	145	89
Upper Bound		1.0	10	960	8	1.30	1070	2890	164	102