



Australian Laboratory Services Pty. Ltd.
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Page: 1
Finalized Date: 6-DEC-2012
Account: AUVMAN

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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CERTIFICATE OF ANALYSIS AS12271296

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 Zn ppm 2	PUL-QC Pass75um % 0.01
AG0080		2.17	<0.5	46	1980	48	6.15	9940	910	203	182	
AG0081		2.48	<0.5	45	1700	53	6.32	9300	>10000	228	340	
AG0082		1.70	<0.5	28	1420	43	4.15	11050	4000	89	181	
AG0083		2.25	<0.5	12	440	30	2.48	2010	1640	51	103	
AG0084		1.98	<0.5	8	220	19	1.92	1340	850	31	66	
AG0085		0.86	<0.5	12	220	23	2.24	1110	860	33	69	
AG0086		3.37	<0.5	<5	170	10	0.99	888	400	17	31	
AG0135		1.13	<0.5	<5	130	5	0.53	687	110	10	18	
AG0136		3.17	<0.5	<5	30	4	0.36	291	50	6	12	
AG0137		3.78	<0.5	6	70	10	0.66	337	80	14	15	90.5
AG0138		3.64	<0.5	8	60	12	0.51	261	50	10	12	
AG0139		3.26	<0.5	<5	60	6	0.59	354	50	10	11	
AG0140		3.91	<0.5	<5	50	6	0.56	422	60	10	13	
AG0229		3.84	<0.5	<5	120	10	1.19	201	120	3	10	
AG0230		2.78	<0.5	<5	230	9	1.79	170	240	<2	21	
AG0231		2.08	<0.5	<5	260	25	1.44	149	350	9	14	
AG0232		3.76	<0.5	<5	110	9	0.77	160	110	2	6	
AG0233		3.53	<0.5	<5	50	7	0.67	171	50	5	6	
AG0340		1.81	<0.5	12	600	9	2.90	840	420	196	84	
AG0341		1.96	<0.5	17	810	19	3.66	1450	450	204	114	
AG0342		2.41	<0.5	40	1610	132	7.46	7130	840	235	364	
AG0343		1.96	0.6	22	1390	58	5.25	9770	390	108	166	
AG0344		1.40	0.7	33	1570	48	5.10	12700	590	101	191	
AG0345		1.84	0.6	21	960	37	3.87	7410	3850	97	128	
AG0346		2.28	0.6	22	1270	50	3.60	25600	920	66	145	
AG0347		4.91	<0.5	<5	180	8	1.26	1400	230	17	57	
AG0348		5.16	<0.5	<5	80	7	0.74	1170	80	10	26	
AG0396		1.46	<0.5	9	180	18	1.90	604	890	31	82	
AG0397		0.21	<0.5	<5	70	8	0.58	564	50	10	17	
AG0398		2.89	<0.5	5	90	10	0.98	467	390	16	34	
AG0399		4.02	<0.5	6	60	6	0.70	442	130	8	16	
AG0400		3.68	<0.5	5	60	9	0.59	358	80	11	13	
AG0401		1.86	<0.5	<5	50	8	0.59	384	140	9	21	
AG0402		1.28	0.7	<5	30	4	0.41	338	50	9	11	
AG0403		4.67	0.8	13	50	5	0.60	430	50	14	14	
AG0495		5.06	2.5	<5	70	3	0.95	178	50	5	7	
AG0496		4.41	0.9	<5	120	7	1.03	182	100	5	8	
AG0497		4.11	<0.5	<5	250	15	1.81	158	270	8	19	
AG0498		1.65	<0.5	<5	230	20	1.17	167	220	8	12	
AG0499		2.84	<0.5	<5	70	5	0.76	164	110	6	6	



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 Zn ppm 2	PUL-QC Pass75um % 0.01
AG0500		4.19	1.4	<5	50	6	0.72	157	100	7	5	
AG0591		2.02	<0.5	<5	710	5	0.96	1570	290	157	71	
AG0592		1.73	1.5	<5	370	4	0.44	597	240	40	39	
AG0593		2.12	<0.5	5	180	7	1.09	1360	210	19	54	
AG0594		2.72	2.3	<5	1160	17	1.56	2200	480	340	92	
AG0595		2.67	1.9	6	1450	15	1.81	3250	620	348	96	
AG0596		1.08	<0.5	<5	1730	24	2.69	4950	740	556	141	
AG0597		1.38	<0.5	<5	1070	8	0.90	1400	390	125	158	
AG0598		1.57	1.4	<5	1160	9	1.39	2150	540	86	78	
AG0599		1.02	<0.5	6	1520	10	3.48	4570	800	127	199	89.8
AG0650		3.25	1.8	18	500	15	3.47	387	1230	91	219	
AG0651		2.83	1.7	7	660	12	2.30	286	1520	93	200	
AG0652		3.44	0.5	14	630	14	2.87	321	2720	127	280	
AG0653		3.48	1.0	<5	670	7	1.33	374	3260	111	135	
AG0654		1.74	1.8	11	990	11	2.28	3110	980	217	224	
AG0655		1.59	<0.5	<5	320	3	1.23	1530	430	95	110	
AG0656		2.77	<0.5	<5	280	3	1.09	2100	310	80	101	
AG0657		2.63	<0.5	7	230	2	0.97	1740	250	64	81	
AG0658		2.66	0.5	<5	190	2	0.95	1380	250	80	78	
AG0659		2.19	0.7	<5	140	3	1.07	1230	230	68	83	
AG0660		3.58	0.9	<5	120	1	1.02	1240	200	64	82	
AG0661		1.54	1.4	<5	250	3	1.08	1150	350	71	110	
AG0760		3.18	0.7	<5	120	6	1.04	247	130	8	16	
AG0761		3.75	1.7	<5	110	5	1.04	260	140	6	14	
AG0762		3.53	1.1	<5	160	9	1.21	259	150	7	18	
AG0763		1.99	1.4	<5	230	14	1.58	266	330	11	145	
AG0764		3.72	<0.5	<5	160	10	1.20	261	260	9	38	
AG0765		3.50	<0.5	5	120	8	1.12	248	150	7	22	
AG0766		3.71	1.3	<5	120	5	1.26	257	150	5	20	
AG0767		4.24	5.2	<5	110	7	1.23	270	140	7	20	
AG0768		2.56	<0.5	<5	110	5	1.06	252	110	4	16	
AG0769		3.66	<0.5	<5	60	5	1.01	269	90	6	14	
AG0770		2.21	<0.5	<5	90	9	1.04	263	130	8	63	
AG0835		1.78	<0.5	<5	30	5	0.54	163	30	6	9	
AG0836		1.02	<0.5	<5	20	3	0.50	169	20	7	7	
AG0837		1.54	<0.5	5	30	5	0.56	177	40	10	6	
AG0838		0.67	<0.5	<5	30	6	0.59	174	50	8	6	
AG0839		0.86	<0.5	<5	60	7	0.77	167	90	7	7	
AG0840		1.43	<0.5	<5	350	9	1.14	181	170	7	20	
AG0841		1.00	2.4	<5	320	6	1.23	184	180	9	15	



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AG0842		2.39	<0.5	<5	260	8	1.14	176	170	11	12	
AG0843		1.25	<0.5	<5	310	56	1.33	181	230	7	17	
AG0844		0.74	<0.5	6	280	22	1.41	182	250	14	17	
AG0845		2.05	<0.5	<5	120	9	1.11	187	150	8	9	
AG0896		2.80	<0.5	<5	990	14	1.74	2250	8070	23	22	
AG0897		2.03	<0.5	5	1330	7	3.76	6680	1630	29	48	
AG0898		1.56	<0.5	<5	970	7	5.99	5280	1900	39	59	
AG0899		1.43	<0.5	5	1340	12	7.21	12100	7840	41	37	
AG0900		2.02	<0.5	<5	1140	5	4.59	7260	>10000	30	21	
AG0901		0.39	<0.5	<5	1160	4	1.38	3230	1840	24	25	92.6
AG0902		1.87	<0.5	5	1060	5	1.06	1370	1460	26	20	
AG0940		2.20	<0.5	<5	380	7	1.27	1150	770	136	33	
AG0941		3.06	<0.5	<5	360	5	1.10	1190	1380	149	36	
AG0942		1.13	<0.5	<5	160	2	1.08	1070	460	127	30	
AG0943		2.30	<0.5	<5	440	4	1.04	1360	710	189	37	
AG0944		0.69	<0.5	<5	570	2	1.02	363	590	75	26	
AG0945		1.84	<0.5	<5	830	5	1.25	962	630	226	47	
AG0946		2.02	<0.5	5	560	4	0.78	484	840	142	46	
AG0947		3.67	<0.5	<5	330	6	0.75	1400	1300	345	48	
AG0948		1.23	<0.5	<5	300	6	0.76	952	2390	388	68	
AG0949		1.79	<0.5	<5	190	4	0.64	662	2100	290	73	
AG0950		1.41	<0.5	<5	180	7	0.66	1790	3030	516	77	
AG1013		Not Recvd										
AG1014		Not Recvd										
AG1015		Not Recvd										
AG1016		Not Recvd										
AG1017		Not Recvd										
AG1018		2.17	<0.5	<5	890	5	1.19	3200	1590	91	83	
AG1019		2.44	0.5	<5	920	7	1.26	1040	2790	157	98	
AG1020		1.68	<0.5	<5	830	9	1.24	1730	2520	141	138	
AG1021		1.94	<0.5	<5	810	9	1.29	1780	2500	141	136	
AG1022		1.69	<0.5	<5	960	7	1.17	491	1660	117	120	