



Australian Laboratory Services Pty. Ltd.
32 Shand Street
Stafford
Brisbane QLD 4053
Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218
www.alsglobal.com

CERTIFICATE AD16155835

Project: Stokes Yard

This report is for 7 Rock samples submitted to our lab in Adelaide, SA, Australia on 16-SEP-2016.

The following have access to data associated with this certificate:

PAUL BURTON

KIM GREY

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LEV-01	Waste Disposal Levy
CRU-21	Crush entire sample >70% -6 mm
LOG-22	Sample login - Rcd w/o BarCode
PUL-23	Pulv Sample - Split/Retain
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61a	High Grade Four Acid ICP-AES	ICP-AES
PGM-ICP24	Pt, Pd, Au 50g FA ICP	ICP-AES

To: ENIGMA MINING LIMITED
ATTN: KIM GREY
PO BOX 1126
SUBIACO WA 6904

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:

Cameron Brosnan, Laboratory Manager, Perth



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 Account: HALCON

Project: Stokes Yard

CERTIFICATE OF ANALYSIS AD16155835

Sample Description	Method Analyte Units LOR	WEI-21	PUL-QC	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
		Recvd Wt. kg	Pass75um %	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm
		0.02	0.01	0.001	0.005	0.001	1	0.05	50	50	10	20	0.05	10	10	10
SY16001		0.57		0.016	<0.005	<0.001	18	0.44	<50	270	<10	30	7.09	3090	10	<10
SY16002		1.11		0.005	<0.005	<0.001	3	10.15	<50	950	<10	<20	6.64	10	<10	10
SY16003		1.08		0.077	<0.005	<0.001	35	4.31	<50	1300	<10	70	5.02	10	20	20
SY16004		0.87		0.035	<0.005	0.001	23	1.44	<50	270	<10	40	3.99	40	20	10
SY16005		1.53	97.0	0.040	<0.005	<0.001	46	3.62	<50	410	<10	90	7.40	10	10	<10
SY16006		1.72		0.053	<0.005	<0.001	40	1.65	<50	<50	<10	100	7.45	10	10	<10
SY16007		1.56		0.047	<0.005	<0.001	32	1.25	<50	70	<10	40	7.57	10	20	<10

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CERTIFICATE OF ANALYSIS AD16155835

Sample Description	Method Analyte Units LOR	ME-ICP61a Cu ppm	ME-ICP61a Fe %	ME-ICP61a Ga ppm	ME-ICP61a K %	ME-ICP61a La ppm	ME-ICP61a Mg %	ME-ICP61a Mn ppm	ME-ICP61a Mo ppm	ME-ICP61a Na %	ME-ICP61a Ni ppm	ME-ICP61a P ppm	ME-ICP61a Pb ppm	ME-ICP61a S %	ME-ICP61a Sb ppm	ME-ICP61a Sc ppm
		10	0.05	50	0.1	50	0.05	10	10	0.05	10	50	20	0.05	50	10
SY16001		400	3.54	<50	<0.1	<50	16.60	12200	<10	<0.05	20	1370	9540	<0.05	<50	<10
SY16002		1050	1.70	<50	2.7	<50	1.88	2250	<10	0.06	10	90	1200	<0.05	<50	<10
SY16003		2440	3.44	<50	0.7	<50	8.40	9180	10	0.29	30	530	21300	0.06	<50	10
SY16004		1860	3.31	<50	0.1	<50	13.00	8340	<10	0.08	10	1710	15450	0.06	<50	<10
SY16005		3460	3.07	<50	1.0	<50	8.95	7090	<10	0.14	10	690	22700	<0.05	<50	<10
SY16006		1420	3.67	<50	0.1	<50	10.25	8170	<10	0.17	20	850	55000	<0.05	<50	<10
SY16007		2980	3.56	<50	0.1	<50	10.95	8970	<10	0.13	20	770	10400	<0.05	<50	<10

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Sample Description	Method Analyte Units LOR	ME-ICP61a Sr ppm 10	ME-ICP61a Th ppm 50	ME-ICP61a Ti % 0.05	ME-ICP61a Tl ppm 50	ME-ICP61a U ppm 50	ME-ICP61a V ppm 10	ME-ICP61a W ppm 50	ME-ICP61a Zn ppm 20
SY16001		10	<50	<0.05	<50	<50	10	<50	30000
SY16002		160	<50	<0.05	<50	<50	10	<50	3090
SY16003		70	<50	0.14	<50	<50	50	<50	42300
SY16004		20	<50	0.06	<50	<50	390	<50	29000
SY16005		50	<50	0.05	<50	<50	30	<50	8560
SY16006		30	<50	0.06	<50	<50	30	<50	17300
SY16007		10	<50	0.05	<50	<50	30	<50	29500

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