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/geochemistry

Finalized Date: 15-SEP-2017
This copy reported on 18-SEP-2017
Account: DAYJAC

CERTIFICATE AD17177149

Project: Kirkimbie Diamond Project

This report is for 6 Soil samples submitted to our lab in Adelaide, SA, Australia on 21-AUG-2017.

The following have access to data associated with this certificate:

RUSS KNIGHT	TONY MARTIN	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LEV-01	Waste Disposal Levy
PUL-31	Pulverize split to 85% <75 um
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS23	IONIC Leach - Complete PKG.	ICP-MS
pH-MS23	MS23 Leach pH	

To: **DAYLIGHT JACK MINERALS**
ATTN: TONY MARTIN
BOX 145
RUSHWORTH VIC 3612

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

Comments: Samples for Ionic Leach were incorrectly pulverized. A total volume of 100mL of leach solution was added to produce a viable leach solution for ICP-MS. Both factors should be taken into account when assessing these assays.

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/geochemistry

Project: Kirkimbie Diamond Project

CERTIFICATE OF ANALYSIS AD17177149

Sample Description	Method	WEI-21	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23
	Analyte	Recvd Wt.	Ag	As	Au	Ba	Be	Bi	Br	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppb	ppb	ppb	ppb	ppb	ppb
	LOR	0.02	0.1	2	0.02	10	0.2	3	0.05	0.2	1	0.1	0.3	1	0.1	1
MDC15		0.13	10.1	3	0.86	18400	0.7	<3	0.15	>1000	3	77.2	2040	75	21.9	845
MDC16		0.14	5.4	7	0.32	20900	0.4	<3	0.18	929	3	143.0	2290	61	19.6	383
MDC17		0.15	6.5	7	0.78	15600	0.4	<3	<0.05	994	3	68.4	1125	41	17.8	563
MDC28		0.31	3.8	7	0.56	15250	0.3	<3	<0.05	705	2	208	1760	35	7.2	256
MDC29		0.52	5.1	3	0.30	11800	0.6	<3	0.05	790	2	81.7	1065	28	11.2	498
MDC30		0.29	5.3	7	0.56	6090	0.3	<3	<0.05	517	3	216	1160	27	9.7	502

Comments: Samples for Ionic Leach were incorrectly pulverized. A total volume of 100mL of leach solution was added to produce a viable leach solution for ICP-MS. Both factors should be taken into account when assessing these assays.

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

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/geochemistry

Project: Kirkimbie Diamond Project

CERTIFICATE OF ANALYSIS AD17177149

Sample Description	Method	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23
	Analyte	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Hg	Ho	I	In	La	Li	Lu
	Units	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
	LOR	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.5	0.1	0.1	0.01	0.1	0.1	0.2	0.1
MDC15		132.5	83.6	31.7	2.4	4.3	147.5	1.3	<0.5	0.6	30.3	0.17	<0.1	120.5	5.8	9.0
MDC16		50.3	32.9	12.0	3.2	3.3	53.9	0.8	<0.5	<0.1	11.1	0.06	<0.1	124.5	4.9	3.2
MDC17		79.3	44.0	20.7	3.1	3.0	91.0	1.1	<0.5	0.3	17.7	0.14	<0.1	108.0	3.2	5.0
MDC28		47.6	29.6	10.7	2.4	3.4	51.8	0.8	<0.5	0.1	11.0	0.04	<0.1	109.5	2.2	3.7
MDC29		85.2	45.2	20.6	2.1	3.9	93.0	1.1	<0.5	0.1	18.0	0.10	<0.1	113.5	3.2	5.6
MDC30		82.5	45.5	22.8	3.1	5.0	97.1	1.2	<0.5	0.3	17.0	0.09	<0.1	150.5	2.0	5.0

Comments: Samples for Ionic Leach were incorrectly pulverized. A total volume of 100mL of leach solution was added to produce a viable leach solution for ICP-MS. Both factors should be taken into account when assessing these assays.

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

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/geochemistry

Project: Kirkimbie Diamond Project

CERTIFICATE OF ANALYSIS AD17177149

Sample Description	Method	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23
	Analyte	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Re	Sb	Sc	Se
	Units	ppm	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
	LOR	0.01	0.01	0.5	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	1	2
MDC15		374	17.50	20.5	<0.1	304	1080	62.9	0.3	46.4	<0.1	1055	<0.1	<0.5	6	11
MDC16		235	34.9	16.8	<0.1	217	884	32.2	0.2	38.7	<0.1	1000	<0.1	<0.5	4	8
MDC17		229	13.60	12.7	<0.1	254	712	16.2	0.8	40.8	<0.1	980	<0.1	<0.5	4	7
MDC28		167.0	25.3	11.4	<0.1	181.5	709	29.0	0.2	33.0	<0.1	530	<0.1	0.5	3	<2
MDC29		246	13.20	6.5	<0.1	243	593	23.4	0.4	39.2	<0.1	552	<0.1	<0.5	4	20
MDC30		194.0	20.4	8.3	<0.1	281	568	18.3	<0.1	51.3	<0.1	495	<0.1	<0.5	5	10

Comments: Samples for Ionic Leach were incorrectly pulverized. A total volume of 100mL of leach solution was added to produce a viable leach solution for ICP-MS. Both factors should be taken into account when assessing these assays.

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

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/geochemistry

Project: Kirkimbie Diamond Project

CERTIFICATE OF ANALYSIS AD17177149

Sample Description	Method Analyte Units LOR	ME-MS23 Sm ppb 0.1	ME-MS23 Sn ppb 0.2	ME-MS23 Sr ppb 1	ME-MS23 Ta ppb 1	ME-MS23 Tb ppb 0.1	ME-MS23 Te ppb 1	ME-MS23 Th ppb 0.02	ME-MS23 Ti ppb 5	ME-MS23 Tl ppb 0.5	ME-MS23 Tm ppb 0.1	ME-MS23 U ppb 0.1	ME-MS23 W ppb 1	ME-MS23 Y ppb 0.1	ME-MS23 Yb ppb 0.1	ME-MS23 Zn ppb 10
MDC15		116.0	<0.2	9260	<1	22.3	<1	2.50	13	3.9	12.1	1.0	1	613	58.5	<10
MDC16		54.5	<0.2	6840	<1	7.9	<1	3.40	17	3.7	4.4	2.5	1	251	21.8	<10
MDC17		86.5	0.3	7100	<1	12.7	<1	2.30	26	2.8	5.7	0.9	1	419	30.8	<10
MDC28		52.4	<0.2	5510	<1	7.1	<1	4.39	31	1.8	4.0	3.9	1	235	21.6	10
MDC29		85.9	0.3	6220	<1	14.3	<1	2.83	16	2.5	6.0	1.0	1	397	32.1	<10
MDC30		88.7	0.8	3940	<1	13.8	<1	7.69	22	1.4	6.3	2.1	<1	388	33.2	<10

Comments: Samples for Ionic Leach were incorrectly pulverized. A total volume of 100mL of leach solution was added to produce a viable leach solution for ICP-MS. Both factors should be taken into account when assessing these assays.

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

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/geochemistry

Project: Kirkimbie Diamond Project

CERTIFICATE OF ANALYSIS AD17177149

Sample Description	Method	ME-MS23	pH-MS23	PUL-QC
	Analyte	Zr	Final pH	Pass75um
	Units	ppb	Unity	%
	LOR	0.1	0.1	0.01
MDC15		2.5	9.1	
MDC16		3.8	9.1	
MDC17		3.0	9.1	
MDC28		4.3	9.1	
MDC29		2.4	9.1	85.0
MDC30		3.5	9.1	

Comments: Samples for Ionic Leach were incorrectly pulverized. A total volume of 100mL of leach solution was added to produce a viable leach solution for ICP-MS. Both factors should be taken into account when assessing these assays.

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

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/geochemistry

Project: Kirkimbie Diamond Project

CERTIFICATE OF ANALYSIS AD17177149

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Perth located at 31 Denninup Way, Malaga, Australia. NATA Accreditation does not cover the performance of ALS Perth Sample Preparation which is processed at 79 Distinction Road, Wangara, WA, Australia

Applies to Method:	ME-MS23	pH-MS23

Processed at ALS Adelaide located at Unit 1, 1 Burma Road, Pooraka, Adelaide, SA, Australia.

Applies to Method:	LEV-01	LOG-22	PUL-31	PUL-QC
	WEI-21			