

ANALYTICAL REPORT

CLIENT:	Eclipse Soils	REPORT NO:	2019_1319
TEST REQUEST:	AS 4419	LAB SAMPLE ID:	2019_1319
ADDRESS:	P.O. Box 474 Subiaco, WA	DATE RECEIVED:	11/11/2019
CLIENT SAMPLE ID:	RTGS 2.2 (CoC#ES335)	DATE TESTED:	11/11/2019 – 20/11/2019
SAMPLING LOCATION:	Abercrombie	DATE REPORTED:	20/11/2019

TEST RESULTS

Analyte	Result	Unit	AS4419 Compliance Requirements	Test Method
Electrical Conductivity	2.26	mS/cm	< 1.2	Appendix D of AS 4419-2003
pH	7.37		5.5 – 7.5	Appendix D of AS 4419-2003
Ammonium-N (in extract)	0.20	mg/L	n/a	Appendix D of AS 4419-2003
Phosphate-P (in extract)	0.02	mg/L	< 5	Appendix D of AS 4419-2003
Carbon (dry weight)	7.20	%	n/a	Leco furnace
Organic Matter (dry weight)	12.2	%	3 - 15	AS 4419-2003 5.3
Sulphur (dry weight)	0.04	%	n/a	Leco furnace
Nitrogen Drawdown Index	0.80		> 0.5	Appendix E of AS 4419-2003
Bioassay/Toxicity	104	Growth Index	≥ 70	Appendix F of AS 4419-2003
Bulk Density (Dry)	0.95	kg/L	> 0.7	Appendix B of AS 4419-2003
Bulk Density (Saturated)	1.34	kg/L	-	Appendix B of AS 3743-2003
Wettability	100	mm/minute	> 5	Appendix C of AS 4419-2003
Dispersibility (H ₂ O)	Category 2		Category 1 or 2	Appendix G of AS 4419-2003
Dispersibility (CaCl ₂)	Category 1			Appendix G of AS 4419-2003
Permeability	272	cm/hour	2 – 100	Appendix H of AS 4419-2003
Soil Texture	Sandy Loam			Appendix I of AS 4419-2003
Large Particles 10 – 20 mm	4.82	%	< 8%	AS 4419-2003 Clause 5.14
Large Particles > 20 mm	0.5	%	< 2%	AS 4419-2003 Clause 5.14

These results reflect our findings for the received sample only.

Tested by: FMc, GM

Date: 11/11/2019 – 20/11/2019

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