



ChemCentre
Inorganic Chemistry Section
Report of Examination



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ChemCentre Reference: 15S1957 R2

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Attention: Adrian Pinder

Final Report on 26 samples of sediment received on 24/02/2016

<u>LAB ID</u>	<u>Client ID and Description</u>
15S1957 / 001	MDS017 Pilbara Corridors Project - Mulga Downs
15S1957 / 002	MDS018 Pilbara Corridors Project - Mulga Downs
15S1957 / 003	MDS019 Pilbara Corridors Project - Mulga Downs
15S1957 / 004	MDS015 Pilbara Corridors Project - Mulga Downs
15S1957 / 005	MDS016 Pilbara Corridors Project - Mulga Downs
15S1957 / 006	MDS014 Pilbara Corridors Project - Mulga Downs
15S1957 / 007	MDS010 Pilbara Corridors Project - Mulga Downs
15S1957 / 008	MDS012 Pilbara Corridors Project - Mulga Downs
15S1957 / 009	MDS007 Pilbara Corridors Project - Mulga Downs
15S1957 / 010	MDS005 Pilbara Corridors Project - Mulga Downs
15S1957 / 011	MDS002 Pilbara Corridors Project - Mulga Downs
15S1957 / 012	MDS001 Pilbara Corridors Project - Mulga Downs
15S1957 / 013	MAN017 Mandora Marsh Survey
15S1957 / 014	MAN019 Mandora Marsh Survey
15S1957 / 015	MAN009 Mandora Marsh Survey
15S1957 / 016	MAN023 Mandora Marsh Survey
15S1957 / 017	MAN005 Mandora Marsh Survey
15S1957 / 018	MAN007A Mandora Marsh Survey
15S1957 / 019	MAN018 Mandora Marsh Survey
15S1957 / 020	MAN003B Mandora Marsh Survey
15S1957 / 021	MAN012 Mandora Marsh Survey
15S1957 / 022	MAN007B Mandora Marsh Survey
15S1957 / 023	MAN003A Mandora Marsh Survey
15S1957 / 024	MAN004 Mandora Marsh Survey
15S1957 / 025	MAN006 Mandora Marsh Survey
15S1957 / 026	Nallan Lakes

Analyte Method Unit	NSR	Stones (>2mm) %	Sand. fraction %	Silt. fraction %	Clay. fraction %	
Lab ID	Client ID					
15S1957/001	MDS017		4.6	27.5	35.5	37.0
15S1957/002	MDS018		22.8	32.5	29.5	38.0
15S1957/003	MDS019		0.1	46.0	15.0	39.0
15S1957/004	MDS015	1				
15S1957/005	MDS016		14.8	31.0	40.0	29.0
15S1957/006	MDS014		<0.1	55.5	13.5	31.0
15S1957/007	MDS010		4.6	41.5	26.0	32.5
15S1957/008	MDS012		1.7	20.0	49.0	31.0
15S1957/009	MDS007		0.7	18.5	40.0	41.5
15S1957/010	MDS005		<0.1	18.5	43.0	38.5
15S1957/011	MDS002		0.2	37.0	27.5	35.5
15S1957/012	MDS001	1				
15S1957/013	MAN017		<0.1	47.5	40.0	12.5
15S1957/014	MAN019		<0.1	40.5	35.0	24.5
15S1957/015	MAN009		1.4	51.5	30.5	18.0
15S1957/016	MAN023		<0.1	48.5	33.0	18.5
15S1957/017	MAN005		<0.1	37.5	40.0	22.5
15S1957/018	MAN007A		<0.1	53.5	37.5	9.0
15S1957/019	MAN018		2.7	85.5	6.0	8.5
15S1957/020	MAN003B		<0.1	31.0	34.0	35.0
15S1957/021	MAN012		3.1	63.0	27.0	10.0
15S1957/022	MAN007B		0.4	52.5	29.5	18.0
15S1957/023	MAN003A		0.8	84.5	4.0	11.5
15S1957/024	MAN004		<0.1	50.0	30.0	20.0
15S1957/025	MAN006		0.7	48.0	28.0	24.0
15S1957/026	Nallan Lakes		3.0	91.0	2.0	7.0

Analyte	Method	Description
Stones	(>2mm)	Stones - sieved particles greater than 2 mm (sample preparation method manual 3.3.2)
Clay.	fraction	Clay, less than 0.002mm by method S06. ref. Australian Standard AS1289.C6.3
Sand.	fraction	Sand, 0.02 to 2.0mm by method S06. ref. Australian Standard AS1289.C6.3
Silt.	fraction	Silt, 0.02 to 0.002mm by method S06. ref. Australian Standard AS1289.C6.3
NSR	misc	No Sample Received

The results apply only to samples as received. This report may only be reproduced in full.

Unless otherwise advised, the samples in this job will be disposed of after a holding period of 30 days from the report date shown below.

Results for soil analysis are reported on an air-dry (40C) less than 2 mm basis, whereby stones are removed (material >2mm) by sieving.

When stone content is deemed significant the result is recorded and reported. Unless otherwise specified, all analytes (except Stones) are reported in the listed concentrations and on a dry, less than 2 mm basis. Stones are reported on a dry, whole sample basis.

B. Price

Barry Price
Team Leader
Scientific Services Division
1-Apr-2016