



NOTES

Scale, locations, and boundaries are approximate only.



KEY PLAN - INSET

CLIENT:	SITE:	PROJECT:	SCALE (m):	DRAWN:	FIGURE:	DATE:
ACT PROPERTY GROUP	YARRALUMLA MONTESSORI SCHOOL	LEAD IN SOIL ASSESSMENT	0 10 20		2	25/09/2019
		TITLE:	REF:	CHECKED:	PROJECT:	REV:
		SAMPLE LOCATION PLAN	NEARMAP 2019		43011 of 54	A

TABLES

Table 1: Soil Analytical Results
27/09/2019

				Yarralumla Montessori School														
				Field ID	SS25	SS26	SS27	SS28	SS29	SS30	SS31	SS32	SS33	SS34	SS35	SS36	QC01	QC02
				Depth	0 - 0.2	0 - 0.2	0 - 0.2	0 - 0.2	0 - 0.2	0 - 0.2	0 - 0.2	0 - 0.2	0 - 0.2	0 - 0.2	0 - 0.2	0 - 0.2	18/08/2019	1/09/2019
				Date	18/08/2019	18/08/2019	18/08/2019	1/09/2019	1/09/2019	1/09/2019	1/09/2019	1/09/2019	1/09/2019	1/09/2019	1/09/2019	1/09/2019	18/08/2019	1/09/2019
				Lab Report Number	SE196644	SE196644	SE196644	SE197178	SE197178	SE197178	SE197178	SE197178	SE197178	SE197178	SE197178	SE197178	SE196644	SE197178
	Unit	EQL	ASC NEPM (2013) EIL - Urban Res & Public Open	ASC NEPM (2013) HIL A														
Metals																		
Lead	mg/kg	1	1,100	300	19	31	130	190	99	62	74	17	93	74	40	50	31	70

Assessment Criteria

ASC NEPM (2013) – Table 1A(1) 'Health investigation levels for soil contaminants' of Schedule B1 'Guideline on Investigation Levels for Soil and Groundwater', HIL A: Residential with access to soil, ASC NEPM (2013) HIL A

ASC NEPM (2013) – Table 1B(1) 'Generic added contaminant limits for lead in soils irrespective of their physiological properties' – EIL: Urban residential/public and open space.

RESULTS	Results in highlighted cells exceed HIL assessment criteria
RESULTS	Results in highlighted cells exceed EIL assessment criteria

Table 2: QA/QC Results
27/09/2019

			Location Code		Yarralumla Montessori School					
			Field ID	SS26	QC01	RPD	SS36	QC02	RPD	
			Date	18/08/2019	18/08/2019		1/09/2019	1/09/2019		
			Lab Report Number	SE196644	SE196644		SE197178	SE197178		
			Unit	EQL						
Metals										
Lead			mg/kg	1	31	31	0	50	70	33

*RPDs have only been considered where a concentration is greater than 1 times the EQL.

**Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 50 (5 - 10 x EQL); 50 (10 - 30 x EQL); 50 (> 30 x EQL))

RESULT	RPD exceeds 50% but is less than 5 x the LOR and is therefore considered suitable
RESULT	Result exceeds the RPD acceptance criteria

Table 3: Water QA/QC Results
25/09/2019

		Field ID	R01
		Date	1/09/2019
		Lab Report Number	SE197178
	Unit	EQL	
Metals			
Lead (filtered)	mg/L	0.001	<0.001

Notes:

R = Rinsate sample

< = Less than, mg/L = milligrams per litre, µg/L = micrograms per litre

Assessment Criteria:

Acceptable rinsate and trip blank results are less than laboratory LOR

RESULTS

Result exceeds acceptance criteria

ATTACHMENT A

Photographs



Photograph 1
Date: 18/08/2019

Montessori School South face soil sample .



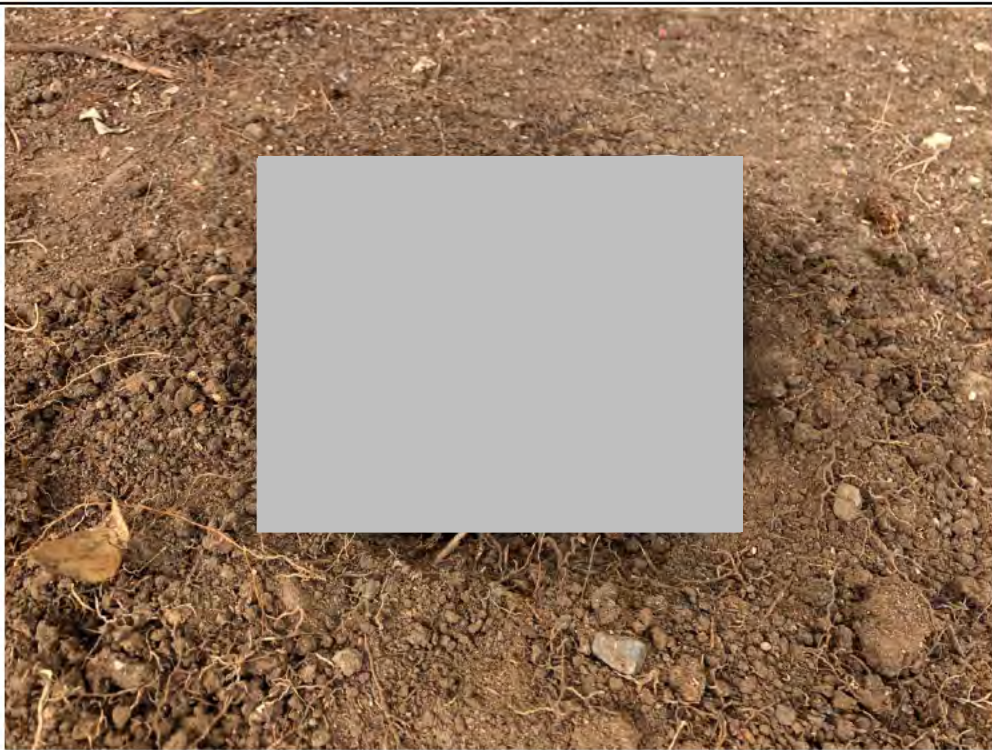
Photograph 2
Date: 18/08/2019

Montessori School South face - close up of a soil sample .



Photograph 3
Date: 18/08/2019

Montessori School South face soil sample .



Photograph 4
Date: 18/08/2019

Montessori School South face - close up soil a sample with QC sample.