









Wealth from Water Site Information Sheet

WfW 0748

Site Information

Easting: 454589
Northing: 5396427 AMG zone: 55
Date Description: 09/02/12
Elevation (m): 264
Aspect (degrees): 315

Rainfall: 1090
Runoff: Moderately rapid
Drainage: Poorly drained
Permeability: Slow

WfW 0748		<u>Soil Description</u>	
0-5		101P	0 - 0.12 m Black (10YR2/1-Moist); Sapric peat; Strong grade of structure, 2-5 mm; Clear change to -
5-12		201	0.12 - 0.24 m Very dark brown (10YR2/2-Moist); Sapric peat; Strong grade of structure, 2-5 mm; Clear change to -
12-24		B1	0.24 - 0.31 m Dark grey (10YR4/1-Moist); Mottles, 2-10%, ; Fine sandy clay loam; <2 mm; Clear change to -
24-31		B21H	0.31 - 0.6 m Black (10YR2/1-Moist); Mottles, 2-10%, ; Silty light clay; Moderate grade of structure, 20-50 mm, Angular blocky; Few cutans, <10% of ped faces or walls coated, distinct; Gradual
31-60		B22H	0.6 - 0.83 m Black (10YR2/1-Moist); Mottles, 10-20%, ; Silty light clay; Moderate grade of structure, 20-50 mm, Angular blocky; Few cutans, <10% of ped faces or walls coated, distinct; Gradual
60-83		B3	0.83 - 1.07 m Dark yellowish brown (10YR4/4-Moist); Mottles, 10-20%, ; Light clay; Massive grade of structure; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments;
83-107		BC	1.07 - 1.28 m Light olive brown (2.5Y5/4-Moist); Mottles, 10-20%, ; Light clay; Massive grade of structure; 10-20%, medium gravelly, 6-20mm, subangular, dispersed, Quartz, coarse fragments;
107-128			

Land Form Pattern (300m radius from site)

Rel/Slope Class: Undulating rises 9-30m 3-10%

Stoniness

No surface coarse fragments

Land Form Element (20m radius from site)

Slope Class: Very gently sloped
Elem. Type: Terrace plain
Morph. Type: Flat

Geology

Observed: Qa
Mapped: Quaternary Alluvium

Soil Classification

Australian Soil Classification: Terric Acidic Sapric Organosol
ASC Confidence: No analytical data are available but confidence is fair.

Notes

Site: Inundation Frequency is approx once in 1-10 years
General: Profile Note: Hump and hollow drainage implemented. Site located on a hump hence small 101p horizon present