

Test Pit ID	Easting <sup>*(1)</sup> (m)	Northing <sup>*(1)</sup> (m)	Ground level at top of test pit <sup>*(1)</sup> (m AHD)	Penetrated depth below ground level (m)
GRN-14	335060	5823975	57.9	1.9
GRN-16	335539	5824195	44.3	2
WSP-TP01	333160	5825445	46.4	1.55
WSP-TP02	333187	5825416	46.2	2.1
WSP-TP03	333214	5825389	46	2
WSP-TP04	333247	5825345	45.5	2.2
WSP-TP05	333194	5825366	46.7	0.25
WSP-TP07	333221	5825328	47.2	0.6
WSP-TP09	333276	5825304	45.1	2.1
WSP-TP10	333348	5825144	43.7	1.6
WSP-TP11	333577	5824862	41	1.6
WSP-TP12	333602	5824835	42.1	1.8
WSP-TP13	333641	5824787	44.3	1.7
WSP-TP14	333669	5824757	44.4	1.2
WSP-TP15	333681	5824732	46	1.8
WSP-TP16	333720	5824669	48.1	1.7
WSP-TP17	333735	5824647	48.2	1.6
WSP-TP18	333757	5824619	47.5	1.6
WSP-TP19	333800	5824583	48.6	1.5
WSP-TP20	333803	5824546	49.2	0.2
WSP-TP21	333871	5824431	52.3	1.9
WSP-TP22	333947	5824313	55.9	1.1
WSP-TP23	333977	5824272	58.2	0.9
WSP-TP24	334001	5824247	59.2	1.4
WSP-TP25	334041	5824215	59.5	1.25
WSP-TP26	334081	5824184	61.6	1.2
WSP-TP27	334125	5824157	63.5	0.95
WSP-TP28	334152	5824146	63.1	1.1
WSP-TP29	334202	5824136	62.5	1.3
WSP-TP30	334237	5824134	63.2	1.6



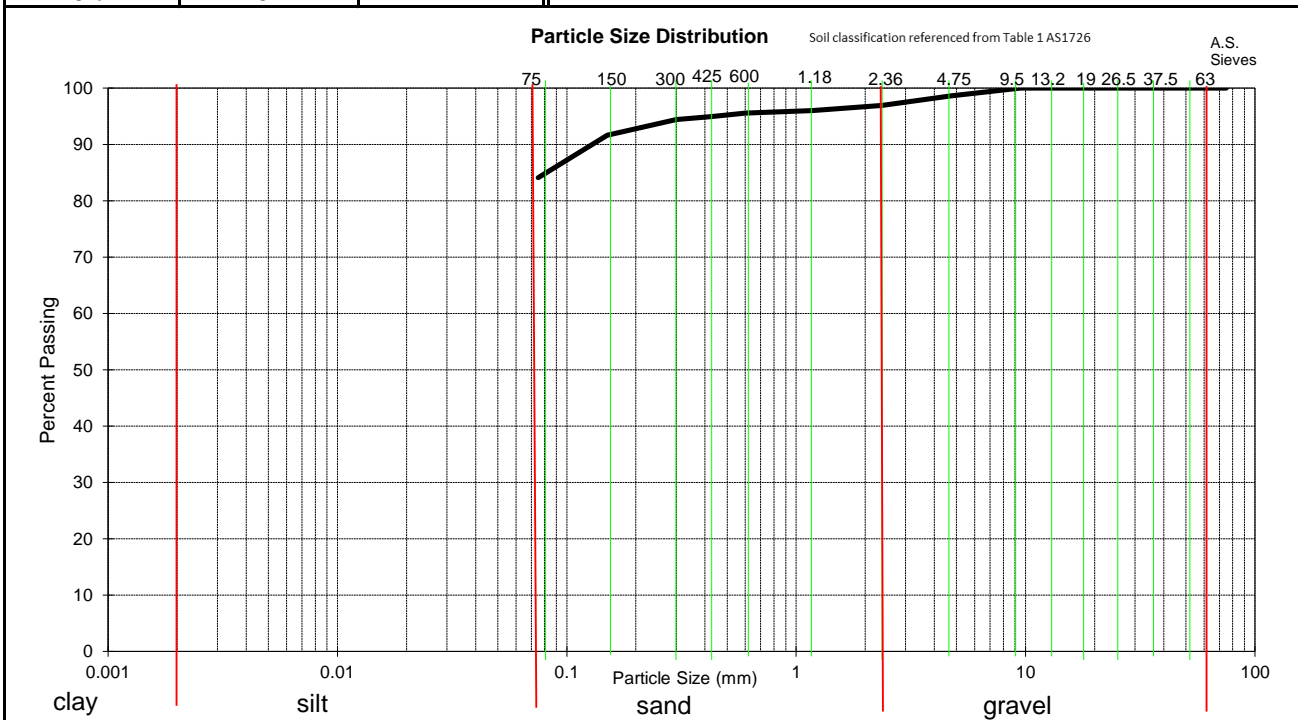
GroundScience

## Particle Size Distribution & Atterberg Limits Test Report

A C N 105 704 078

13 Brock Street, Thomastown, VIC P 03 9464 4617 Email reception@groundscience.com.au

Client:	WSP AUSTRALIA PTY LTD (SOUTHBANK)	Job No.	GS4843/1
Project:	AWP3	Test Date:	18-Aug-20
Location:	HURSTBRIDGE	Report No.	VE
Lab Reference No.	#695	Sample Identification:	WSP-BH01 @ 1.7 - 2.15m
Laboratory Specimen Classification: CLAY, high plasticity, brown, trace sand, trace gravel.			
Particle Size Distribution AS1289 3.6.1			Consistency Limits and Moisture Content
Sieve Size	% Passing	Specification	Test Method Result Spec.
150 mm	100		Liquid Limit % AS1289 3.1.2 51
75 mm	100		Plastic Limit % AS1289 3.2.1 16
53mm	100		Plasticity Index % AS1289 3.3.1 35
37.5 mm	100		Linear Shrinkage % AS1289 3.4.1 8.0
26.5 mm	100		Moisture Content % AS1289 2.1.1 22.6
19.0 mm	100		Sample History: Oven Dried
13.2 mm	100		Preparation Method: Dry sieved
9.5 mm	100		Crumbling / Curling of linear shrinkage: Cracking & Curling
6.7 mm	99		Linear shrinkage mould length: 250 mm
4.75 mm	99		ND = not determined NO = not obtainable NP = non plastic
2.36 mm	97		Moisture / Dry Density Relationship AS 1289 5.2.1
1.18 mm	96		Maximum Dry Density: t/m <sup>3</sup>
600 um	96		Optimum Moisture Content: %
425 um	95		
300 um	94		
150 um	92		
75 um	84		
Notes: Sampling Method Sampled by client, tested as received			



Date: 24/08/2020



NATA Accredited Laboratory No. 15055  
Accredited for compliance with ISO/IEC 17025 - Testing  
The results of the tests, calibrations and/or measurements included  
in this document are traceable to Australian/National Standards. .

Chris Senserrick  
Approved Signatory

*Chris Senserrick*