

Test Pit Results

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Cheung Sha

Test Pit 1

Layer	Level (in cms.)	Soil description	Colour	Interpretation
01	A: 0 B: -16.5 C: -16.5 D: -12.5	Yellowish brown SILT, gravelly, sub-angular to sub-rounded, with roots	10 YR 5/4	Topsoil (Hill Wash)
02	A: - 14 B: - 21.5 C: - 27.5 D: - 21.5	Light olive brown SILT, gravelly and slightly sandy, sub-angular to sub-rounded, with roots	2.5 Y 5/4	Subsoil (Hill Wash)
03	A: - 31 B: - 27.5 C: - 30 D: - 26	Brown GRAVEL, very slightly clayey, slightly sandy and slightly silty, sub-angular to sub-rounded, with worms and roots	10 YR 5/3	Agricultural subsoil
04	C: -19	Olive brown SILT, very slightly clayey, slightly sandy and slightly gravelly, sub-angular to sub-rounded, with roots, sherd and tile	2.5 Y 4/3	Agricultural subsoil
05	A:-37 B:-38.5 C:-43 D:-43	Strong brown CLAY, very gravelly and silty, angular to sub-angular	7.5 YR 5/8	Oxidised/ Leached Hill Wash
06	A:-58.5 B:-64 C:-65 D:-73.5	Olive yellow CLAY, silty and gravelly, sub-angular to sub-rounded, with large numerous rocks	2.5 Y 6/8	Hill Wash
	A: - 93.5 B: - 94 C: - 93.5 D: - 95	The excavation of the test pit was halted at these levels where water table was encountered. An auger hole test was carried out to further verify the stratigraphy	--	--
	X: - 130	Abandoned due to rock	--	--

Test Pit 2

Layer	Level (in cms.)	Soil description	Colour	Interpretation
01	A: 0 B: -11 C: 0 D: +6	Light yellowish brown SILT, slightly sandy and gravelly, sub-angular to sub-rounded, with roots and tile	10 YR 6/4	Topsoil (Hill Wash)
02	A: - 15.5 B: - 19 C: - 9 D: - 9	Yellowish brown SILT, very slightly clayey, slightly sandy and gravelly, sub-angular to sub-rounded, with roots	10 YR 5/6	Subsoil (Hill Wash)
03	A: - 42 B: -43 C: -40 D: - 41	Dark yellowish brown SILT, slightly gravelly, sandy and very slightly clayey, sub-angular to sub-rounded	10 YR 4/4	Agricultural Subsoil
04	A: - 60 B: - 60.5 C: - 61 D: - 61	Strong brown GRAVEL, clayey and sandy, sub-angular to sub-rounded	7.5 YR 5/8	Agricultural Subsoil
05	A:-71 B:-72 C:-66 D:-69	Yellowish brown CLAY, very silty and slightly gravelly, sub-angular to sub-rounded	10 YR 5/8	Hill Wash
	A: - 100 B: - 102 C: - 97 D: - 99	The excavation of the test pit was halted at these levels due to safety measures. An auger hole test was carried out to further verify the stratigraphy	--	--
05	X: - 224	Abandoned due to water table	--	--

Test Pit 3

Layer	Level (in cms.)	Soil description	Colour	Interpretation
01	A: 0 B: -31.5 C: -63 D: -41.5	Strong brown SILT, sandy and gravelly, sub-angular to sub-rounded, with roots and small angular rocks	7.5 YR 4/6	Hill wash
02	A:-15.5 B:-42 C:-71.5 D:-51	Strong brown SILT, slightly gravelly, sub-angular to sub-rounded, with cobbles	7.5 YR 4/6	Hill Wash
03	A: - 155 B: - 156 C: - 158 D: - 156	Strong brown SILT, gravelly and very slightly clayey, angular to sub-angular, with large rocks	7.5 YR 5/8	Hill Wash
	A: - 155 B: - 156 C: - 158 D: - 156	The excavation of the test pit was halted at these levels due to safety measures. An auger hole test was carried out to further verify the stratigraphy	--	--
	X: - 160	Abandoned due to rock	--	--

Tung Chung

Test Pit 4

Layer	Level (in cms.)	Soil description	Colour	Interpretation
01	A: 0 B: +20 C: +16 D: +13.5	Brown SILT, very slightly sandy, with roots, tile, building debris, worms, sherds, rocks and glass	10 YR 5/3	Topsoil (Alluvium)
02	A: -2 B: +10.5 C: +9.5 D: +7.5	Light brownish grey SILT, very slightly clayey, with worms, tile and sherd	2.5 Y 6/2	Alluvium
03	A: - 51 B: -2 C: -28 D: -38	Brown CLAY, very silty, slightly sandy and very slightly gravelly, angular to sub-angular, with cobbles	10 YR 4/3	Alluvium
04	A: -24 B: - - C: - - D: -21.5	Olive yellow SILT, clayey, slightly sandy and slightly gravelly, sub-angular to sub-rounded	2.5 Y 6/6	Pit
05	A: -87 B: -96.5 C: -- D: -83.5	Pale yellow CLAY, silty, slightly sandy, sub-angular to sub-rounded, with roots The excavation of the test pit was halted at this point due to water table. An auger test was carried out to further verify the stratigraphy.	2.5 Y 7/3	Alluvium
05	x:- 107	Abandoned due to auger failed to hold soil		

Test Pit 5

Layer	Level (in cms.)	Soil description	Colour	Interpretation
01	A: 0 B: + 4.5 C: + 4.5 D: + 1	Brown SILT, very slightly sandy, sub-angular to sub-rounded, very rooty, organic and moist	10 YR 4/3	Topsoil (Alluvium)
02	A: - 1 B: + 4 C: + 1 D: - 0.5	Greyish brown SILT, clayey and slightly sandy, sub-angular to sub-rounded	2.5 Y 5/2	Topsoil (Alluvium)
03	A: - 11 B: - 6.5 C: - 10 D: - 14	Light grey SILT, very clayey and sandy, sub-angular to sub-rounded, with sherds on top	2.5 Y 7/1	Alluvium
	A: - 24 B: - 19 C: - 21 D: - 25	The excavation of the test pit was halted at this point due to water table. An auger test was carried out to further verify the stratigraphy.		
03	x: -47	Abandoned due to auger unable to hold soil.		

Test Pit 6

Layer	Level (in cms.)	Soil description	Colour	Interpretation
01	A: 0 B: + 14.5 C: - 1 D: - 10.5	Very dark greyish brown SILT, very slightly clayey	10 YR 3/2	Topsoil (Alluvium)
02	A: - 14.5 B: - 7 C: - 11.5 D: - 18	Dark greyish brown SILT, clayey, with matted roots, tile and sherds	10 YR 4/2	Alluvium
03	A: - 18.5 B: - 17.5 C: - 27 D: - 27.5	Light brownish grey CLAY, very silty and slightly sandy, angular to sub-angular, with roots like context 02, sherds and tile	2.5 Y 6/2	Alluvium
04	A: -- B: -- C: - 36.5 D: - 42.5	Olive yellow CLAY, very silty and sandy, angular to sub-angular	2.5 Y 6/6	Agricultural Subsoil
05	A:-28 B:-27 C:-- D:--	Yellow CLAY, silty and slightly sandy, angular to sub-angular to sub-rounded	2.5 Y 7/6	Agricultural Subsoil
	A:-90 B:-85.5 C:-91.5 D:-89	The excavation of the test pit was halted at this point due to water table. An auger test was carried out to further verify the stratigraphy, but auger failed to hold soils.		