

**ANNEX G**  
**CULTURAL HERITAGE**

## **ANNEX G1**

### **Results of the Auger Survey**

**ANNEX G1  
AUGER TESTING RESULTS**

**UNIT 1**

*Auger 1*

Depth (cm)	Soil description	Colour
0 – 12	Pale brown weathered fine grained granite	10 YR 6/3
12	Abandoned due to rock	--

*Auger 2*

Depth (cm)	Soil description	Colour
0 – 6	Light yellowish brown SILT, gravelly/ sandy, sub-angular to sub-rounded	10 YR 6/4
6 – 22	Brownish yellow weathered fine GRANITE	10 YR 6/6
22	Abandoned due to rock	--

*Auger 3*

Depth (cm)	Soil description	Colour
0 – 4	Yellowish brown SILT, gravelly/ sandy, sub-angular to sub-rounded	10 YR 5/4
4 – 19	Brown SILT, gravelly/ sandy with bits of decomposing gravel/ cobbles	10 YR 5/3
19	Abandoned due to rocks	--

**Auger 4**

Depth (cm)	Soil description	Colour
0 – 4	Brownish yellow SILT, sandy/ gravelly, sub-angular to sub-rounded	10 YR 6/6
4 – 18	Light yellowish brown SILT, sandy/ gravelly, sub-angular to sub-rounded	10 YR 6/4
18	Reddish yellow deeply weathered fine granite	7.5 YR 6/6

**Auger 5**

Depth (cm)	Soil description	Colour
0 – 3	Brown SILT, gravelly/ sandy, sub-angular to sub-rounded	10 YR 5/3
3 – 13	Yellowish brown SILT, gravelly/ sandy, sub-angular to sub-rounded	10 YR 5/4
13	Yellowish brown decomposing granite	10 YR 5/4

**Auger 6**

Depth (cm)	Soil description	Colour
0 – 15	Yellowish brown SILT, very cobbly, gravelly/ sandy	10 YR 5/4
15	Abandoned due to rock	--

**Auger 7**

Depth (cm)	Soil description	Colour
0 – 14	Pale brown SILT, sandy/ gravelly, very cobbly, sub-angular to sub-rounded	10 YR 6/3
14	Abandoned due to rocks	--

**Auger 8**

Depth (cm)	Soil description	Colour
0 – 7	Light yellowish brown SILT, sandy/ gravelly, sub-angular to sub-rounded, very cobbly	10 YR 6/4
7	Abandoned due to rocks	--

**Auger 9**

Depth (cm)	Soil description	Colour
0 – 6	Dark yellowish brown SILT, very slightly clayey, sub-angular to sub-rounded, sandy/ gravelly	10 YR 4/4
6 – 16	Yellowish brown SILT, very slightly clayey, sub-angular to sub-rounded, sandy/ gravelly	10 YR 5/6
16 – 23	Yellowish brown SILT, sandy/ gravelly, sub-angular to sub-rounded, cobbly	10 YR 5/4
23	Abandoned due to decomposing rocks	--

**Auger 10**

Depth (cm)	Soil description	Colour
0 – 13	Yellowish brown SILT, sandy/ gravelly, sub-angular to sub-rounded	10 YR 5/4
13	Abandoned due to decomposing rock	--

**UNIT 3**

*Auger 1*

Depth (cm)	Soil description	Colour
0 - 20	Brown CLAY, very silty and sandy/ gravelly, sub-angular to sub-rounded	10 YR 5/3
20 - 30	Yellowish brown CLAY, very silty and sandy/ gravelly, sub-angular to sub-rounded	10 YR 5/6
30 - 38	Light olive brown GRAVEL, very clayey and slightly sandy, sub-angular to sub-rounded	2.5 Y 5/4
38 - 68	Light brownish grey GRAVEL, clayey and sandy, sub-angular to sub-rounded	2.5 Y 6/2
68 - 73	Pale yellow sandy GRAVEL, sub-angular to sub-rounded. Water table at 70 cm.	2.5 Y 7/3
73 - 100	White gravelly SAND, sub-angular to sub-rounded	5 T 8/1
100 - 122	Pale yellow GRAVEL, sandy and clayey, sub-angular to sub-rounded	5 Y 8/2
122	Abandoned due to auger won't hold wet sand	--

*Auger 2*

Depth (cm)	Soil description	Colour
0 - 4	Brown SILT, sandy and slightly gravelly, sub-angular to sub-rounded	10 YR 5/3
4 - 21	Yellowish brown CLAY, sandy and gravelly, sub-angular to sub-rounded	10 YR 5/4
21 - 33	Light yellowish brown CLAY, sandy and gravelly, sub-angular to sub-rounded	2.5 Y 6/3
33 - 42	Light olive brown CLAY, slightly silty, slightly sandy and gravelly, sub-angular to sub-rounded	2.5 Y 5/3
42 - 70	Olive brown CLAY, very gravelly and sandy, sub-angular to sub-rounded	2.5 Y 4/3
70 - 85	Pale yellow CLAY, very slightly sandy, sub-angular to sub-rounded	2.5 Y 7/3

Depth (cm)	Soil description	Colour
85 - 95	Light brownish grey GRAVEL, very sandy, sub-angular to sub-rounded. Water table at 100 cm.	2.5 Y 6/2
95 - 130	Greyish brown GRAVEL, slightly clayey and slightly sandy, sub-angular to sub-rounded	2.5 Y 5/2
130	Abandoned due to auger not holding wet sand	--

### Auger 3

Depth (cm)	Soil description	Colour
0 - 12	Brown SILT, sandy/ gravelly, sub-angular to sub-rounded	10 YR 5/3
12 - 29	Greyish brown GRAVEL, clayey and sandy, sub-angular to sub-rounded	10 YR 5/2
29 - 58	Grey CLAY, sandy/ gravelly, sub-angular to sub-rounded	10 YR 5/1
58 - 115	Light yellowish brown GRAVEL, slightly clayey, sub-angular to sub-rounded	10 YR 6/4
115 - 150	Light brownish grey GRAVEL, sandy and clayey, sub-angular to sub-rounded. Water table at 105 cm.	10 YR 6/2
150	Abandoned due to end of auger	--

### Auger 4

Depth (cm)	Soil description	Colour
0 - 16	Olive brown SILT, clayey and slightly sandy, sub-angular to sub-rounded	2.5 Y 4/4
16 - 26	Light olive brown GRAVEL, clayey, slightly silty and slightly sandy, sub-angular to sub-rounded	2.5 Y 5/6
26 - 36	Light yellowish brown CLAY, silty, slightly sandy and slightly gravelly, sub-angular to sub-rounded	2.5 Y 6/3
36 - 52	Light olive brown GRAVEL, slightly clayey, slightly silty and sandy, sub-angular to sub-rounded	2.5 Y 5/3

Depth (cm)	Soil description	Colour
52 - 63	Very pale brown GRAVEL, very sandy and very slightly clayey, sub-angular to sub-rounded. Water table at 60 cm.	10 YR 7/3
63 - 80	Light grey GRAVEL, slightly sandy, sub-angular to sub-rounded	10 YR 7/2
80 - 104	White GRAVEL, slightly sandy, sub-angular to sub-rounded	10 YR 8/1
104	Abandoned due to auger not holding wet sand	--

**Auger 5**

Depth (cm)	Soil description	Colour
0 - 16	Dark greyish brown CLAY, silty and slightly sandy, sub-angular to sub-rounded	2.5 Y 4/2
16 - 21	Olive brown CLAY, silty, slightly sandy and slightly gravelly, sub-angular to sub-rounded	2.5 Y 4/3
21 - 30	Greyish brown CLAY, slightly silty and very gravelly, sub-angular to sub-rounded	2.5 Y 5/2
30 - 54	Pale yellow GRAVEL, slightly clayey, slightly sandy and slightly silty, sub-angular to sub-rounded	2.5 Y 7/3
54 - 150	Yellow CLAY, gravelly and sandy, sub-angular to sub-rounded	2.5 Y 7/6
150	Abandoned due to end of auger	--



**Auger 6**

Depth (cm)	Soil description	Colour
0 - 10	Brown CLAY, very silty and sandy/ gravelly, sub-angular to sub-rounded	10 YR 4/3
10 - 20	Light olive brown CLAY, silty, very gravelly and sandy, sub-angular to sub-rounded	2.5 Y 5/4
20 - 28	Dark greyish brown GRAVEL, clayey and slightly silty, sub-angular to sub-rounded	2.5 Y 4/2
28 - 36	Olive brown CLAY, sandy and slightly gravelly, sub-angular to sub-rounded	2.5 Y 4/3
36 - 50	Light brownish grey GRAVEL, clayey and slightly sandy, sub-angular to sub-rounded	10 YR 6/2
50 - 55	Very pale brown sandy GRAVEL, sub-angular to sub-rounded	10 YR 7/3
55 - 75	White sandy GRAVEL, sub-angular to sub-rounded	10 YR 8/1
75	Abandoned due to soil won't hold	--

**UNIT 4**

**Auger 1**

Depth (cm)	Soil description	Colour
0 - 7	Brown SILT, sandy, very slightly clayey	10 YR 4/3
7 - 19	Yellowish brown SILT, sandy, slightly clayey	10 YR 5/4
19 - 33	Yellowish brown SAND, slightly silty	10 YR 5/6
33 - 72	Olive brown SAND, silty and slightly gravelly	2.5 Y 4/3
72	Abandoned due to water table (soil no longer holding in auger bucket)	--

**Auger 2**

Depth (cm)	Soil description	Colour
0 – 12	Dark greyish brown SILT, clayey	10 YR 4/2
12 – 41	Greyish brown CLAY, silty and slightly sandy	10 YR 5/2
41	Abandoned due to water table (soil no longer holding in auger bucket)	--

**Auger 3**

Depth (cm)	Soil description	Colour
0 – 22	Brown SILT, slightly sandy, sub-angular to sub-rounded	10 YR 5/3
22 – 44	Brownish yellow SILT, slightly clayey, sub-angular to sub-rounded, slightly sandy/ gravelly	10 YR 6/6
44 – 62	Yellowish brown SAND, very slightly clayey	10 YR 5/4
62 – 85	Light olive brown SAND	2.5 Y 5/4
85 – 108	Greyish brown SAND, with roots	2.5 Y 5/2
108	Abandoned due to water table (soil no longer holding in auger bucket)	--

**Auger 4**

Depth (cm)	Soil description	Colour
0 – 29	Brownish yellow SAND, very slightly gravelly, sub-angular to sub-rounded	10 YR 6/6
29 – 37	Yellowish brown SAND, slightly clayey, slightly gravelly, sub-rounded to sub-angular	10 YR 5/6
37	Abandoned due to roots	--

UNIT 5

*Auger 1*

Depth (cm)	Soil description	Colour
0 – 2	Brown SILT, sandy/ gravelly, sub-angular to sub-rounded	10 YR 5/3
2 – 27	Brownish yellow SILT, sandy/ gravelly, sub-angular to sub-rounded, cobbly	10 YR 6/6
27	Abandoned due to decomposing rock	--

*Auger 2*

Depth (cm)	Soil description	Colour
0 – 21	Brownish yellow SILT, sandy/ gravelly, sub-angular to sub-rounded	10 YR 6/6
21	Abandoned due to decomposing rock	--

*Auger 3*

Depth (cm)	Soil description	Colour
0 – 4	Pale brown SILT, sandy/ gravelly, sub-angular to sub-rounded	10 YR 6/3
4 – 19	Brownish yellow SILT, sandy/ gravelly, sub-angular to sub-rounded	10 YR 6/6
19 – 52	Yellow deeply weathered decomposing granite	10 YR7/6
52	Abandoned due to increasing chunks of parent material	--

**Auger 4**

Depth (cm)	Soil description	Colour
0 – 18	Pale brown SILT, sandy/ gravelly, sub-angular to sub-rounded, cobbley	10 YR 6/3
18	Abandoned due to rocks	--

**UNIT 6**

**Auger 1**

Depth (cm)	Soil description	Colour
0 - 18	Olive brown SILT, slightly clayey, sandy, cobbley (building debris) and very gravelly, sub-angular to sub-rounded	2.5 Y 4/3
18	Abandoned due to rocks (3 attempts)	--

**Auger 2**

Depth (cm)	Soil description	Colour
0 - 10	Dark greyish brown SILT, very clayey and slightly sandy, sub-angular to sub-rounded	2.5 Y 4/2
10 - 31	Olive brown SILT, very clayey, sandy and gravelly, sub-angular to sub-rounded	2.5 Y 4/3
31 - 49	Dark greyish brown GRAVEL, slightly silty and slightly clayey, sub-angular to sub-rounded. Water table at 35 cm.	10 YR 4/2
49	Abandoned due to rock	--

**Auger 3**

Depth (cm)	Soil description	Colour
0 - 18	Dark olive brown SILT, slightly clayey and sandy, sub-angular to sub-rounded	2.5 Y 3/3
18 - 40	Olive brown sandy GRAVEL, sub-angular to sub-rounded	2.5 Y 4/3
40	Abandoned due to rocks and water table	--

**Auger 4**

Depth (cm)	Soil description	Colour
0 - 18	Dark olive brown CLAY, silty, sandy and gravelly, sub-angular to sub-rounded	2.5 Y 3/3
18 - 32	Dark greyish brown SILT, slightly clayey, very gravelly and sandy, sub-angular to sub-rounded	2.5 Y 4/2
32	Abandoned due to rocks and water table	--

**Auger 5**

Depth (cm)	Soil description	Colour
0 - 6	Black GRAVEL, sandy and slightly silty, sub-angular to sub-rounded	10 YR 2/1
6 - 20	Very dark brown GRAVEL, very sandy, sub-angular to sub-rounded	10 YR 2/2
20 - 84	Brown GRAVEL, very sandy, sub-angular to sub-rounded	10 YR 4/3
84 - 101	Yellowish brown GRAVEL, very sandy, sub-angular to sub-rounded	10 YR 5/4
101 - 135	Yellowish brown GRAVEL, very sandy, sub-angular to sub-rounded	10 YR 5/6
135	Abandoned due to sand not holding in the auger bucket	--

**Auger 6**

Depth (cm)	Soil description	Colour
0 - 10	Very dark brown SAND, gravelly and silty, sub-angular to sub-rounded	10 YR 2/2
10 - 20	Very dark greyish brown GRAVEL, sandy and slightly silty, sub-angular to sub-rounded	10 YR 3/2
20 - 25	Brown sandy GRAVEL, sub-angular to sub-rounded	10 YR 4/3
25 - 34	Dark brown sandy GRAVEL, sub-angular to sub-rounded	10 YR 3/3
34	Abandoned due to roots	--

**Auger 7**

Depth (cm)	Soil description	Colour
0 - 5	Very dark brown SAND, silty and gravelly, sub-angular to sub-rounded	10 YR 2/2
5 - 31	Very dark greyish brown GRAVEL, silty and sandy, sub-angular to sub-rounded	10 YR 3/2
31 - 44	Yellowish brown sandy GRAVEL, sub-angular to sub-rounded	10 YR 5/4
44 - 60	Brown GRAVEL, slightly sandy, sub-angular to sub-rounded	10 YR 5/3
60 - 65	Pale brown SAND, gravelly, sub-angular to sub-rounded	10 YR 6/3
65 - 105	Light yellowish brown SAND, very gravelly, sub-angular to sub-rounded	10 YR 6/4
105 - 138	Brownish yellow sandy GRAVEL, sub-angular to sub-rounded	10 YR 6/6
138 - 150	Strong brown sandy GRAVEL, sub-angular to sub-rounded	7.5 YR 5/8
150	Abandoned due to end of auger	--

**Auger 8**

Depth (cm)	Soil description	Colour
0 - 16	Very dark greyish brown SAND, gravelly and slightly silty, sub-angular to sub-rounded	10 YR 3/2
16 - 20	Dark greyish brown SAND, gravelly and slightly silty, sub-angular to sub-rounded	10 YR 4/2
20 - 30	Brown gravelly SAND, sub-angular to sub-rounded	10 YR 5/3
30 - 55	Yellowish brown sandy GRAVEL, sub-angular to sub-rounded. Water table at 48 cm.	10 YR 5/4
55	Abandoned due to water table (soil no longer holding in auger bucket)	--

**Auger 9**

Depth (cm)	Soil description	Colour
0 - 2	Very dark brown SILT, sandy and slightly clayey, sub-angular to sub-rounded	10 YR 2/2
2 - 30	Dark brown GRAVEL, sandy and slightly silty, sub-angular to sub-rounded	10 YR 3/3
30 - 48	Brown sandy GRAVEL, sub-angular to sub-rounded	10 YR 4/3
48	Abandoned due to sand not holding in auger	--

**Auger 10**

Depth (cm)	Soil description	Colour
0 - 23	Dark brown GRAVEL, silty and slightly sandy, sub-angular to sub-rounded	10 YR 3/3
23 - 32	Dark yellowish brown sandy GRAVEL, sub-angular to sub-rounded	10 YR 4/4
32 - 35	Brown sandy GRAVEL, sub-angular to sub-rounded	10 YR 4/3
35	Abandoned due to auger not holding in auger	--

**Auger 11**

Depth (cm)	Soil description	Colour
0 - 4	Very dark grey SILT, sandy-gravelly, sub-angular to sub-rounded	10 YR 3/1
4 - 19	Very dark greyish brown GRAVEL, very sandy, sub-angular to sub-rounded	10 YR 3/2
19 - 35	Brown GRAVEL, very sandy, sub-angular to sub-rounded	10 YR 4/3
35	Abandoned due to sand not holding in auger	--

**Auger 12**

Depth (cm)	Soil description	Colour
0 - 61	Dark brown GRAVEL, very silty and slightly sandy, sub-angular to sub-rounded	10 YR 3/3
61 - 74	Very dark brown GRAVEL, very silty and slightly sandy, sub-angular to sub-rounded	10 YR 2/2
74	Dark yellowish brown sandy GRAVEL, sub-angular to sub-rounded	10 YR 4/4
	Abandoned due to sand not holding in auger	



UNIT 7

*Auger 1*

Depth (cm)	Soil description	Colour
0 – 20	Olive brown SILT, sandy/ gravelly, sub-angular to sub-rounded	2.5 Y 4/3
20 - 34	Light olive brown SILT, sandy/ gravelly and slightly clayey, sub-angular to sub-rounded	2.5 Y 5/4
34 - 45	Brown SAND, gravelly and slightly clayey, sub-angular to sub-rounded	10 YR 4/3
45 - 55	Very dark greyish brown SAND, gravelly and very slightly clayey, sub-angular to sub-rounded	10 YR 3/2
55	Light olive brown SAND, gravelly, angular to sub-angular  Abandoned due to water table (soil no longer holding in auger bucket)	2.5 Y 5/3

*Auger 2*

Depth (cm)	Soil description	Colour
0 – 9	Olive brown SILT, sandy/ gravelly and clayey, sub-angular to sub-rounded	2.5 Y 4/3
9 - 18	Light olive brown GRAVEL, clayey and slightly silty, sub-angular to sub-rounded	2.5 Y 5/4
18 - 31	Olive brown GRAVEL, clayey and slightly silty, sub-angular to sub-rounded	2.5 Y 4/4
31 - 40	Light yellowish brown GRAVEL, sandy, angular to sub-angular	2.5 Y 6/3
40	Abandoned due to water table (soil no longer holding in auger bucket)	--

**Auger 3**

Depth (cm)	Soil description	Colour
0 - 13	Dark olive brown SILT, clayey and sandy, sub-angular to sub-rounded	2.5 Y 3/3
13 - 40	Olive brown SAND, gravelly and very slightly clayey, angular to sub-angular	2.5 Y 4/4
40 - 45	Dark greyish brown SAND, gravelly and very slightly clayey, angular to sub-angular	2.5 Y 4/2
45	Abandoned due to water table (soil no longer holding in auger bucket)	--

**Auger 4**

Depth (cm)	Soil description	Colour
0 - 6	Olive brown SAND, gravelly and slightly clayey, sub-angular to sub-rounded	2.5 Y 4/3
6 - 25	Light olive brown SAND, slightly clayey and gravelly, sub-angular to sub-rounded	2.5 Y 5/3
25 - 35	Light olive brown SAND, very slightly clayey and gravelly, sub-angular to sub-rounded	2.5 Y 5/4
35 - 40	Light yellowish brown SAND, gravelly, sub-angular to sub-rounded	2.5 Y 6/3
40	Abandoned due to water table (soil no longer holding in auger bucket)	--

**Auger 5**

Depth (cm)	Soil description	Colour
0 - 18	Dark brown SILT, slightly clayey, slightly sandy and slightly gravelly, sub-angular to sub-rounded	10 YR 3/3
18 - 36	Brown SILT, clayey, slightly sandy and slightly gravelly, sub-angular to sub-rounded	10 YR 4/3
36	Abandoned due to rock	--

**Auger 6**

Depth (cm)	Soil description	Colour
0 - 6	Olive brown SAND, gravelly and slightly clayey, sub-angular to sub-rounded	2.5 Y 4/3
6 - 38	Light olive brown SAND, gravelly and slightly clayey, sub-angular to sub-rounded	2.5 Y 5/4
38 - 40	Pale brown SAND, gravelly, sub-angular to sub-rounded  Abandoned due to water table (soil no longer holding in auger bucket)	10 YR 6/3

**Auger 7**

Depth (cm)	Soil description	Colour
0 - 4	Brown SILT, sandy/ gravelly and slightly clayey, sub-angular to sub-rounded	10 YR 4/3
4 - 29	Dark yellowish brown GRAVEL, silty and sandy, angular to sub-angular (Bag #1)	10 YR 4/4
29 - 85	Brown CLAY, very gravelly and sandy, angular to sub-angular	10 YR 4/3
85 - 101	Yellowish brown GRAVEL, very clayey and sandy, angular to sub-angular	10 YR 5/8
101 - 150	Brownish yellow GRAVEL, very clayey, angular to sub-angular, with decomposing parent material	10 YR 6/8
150	Abandoned due to end of auger	--

**Auger 8**

Depth (cm)	Soil description	Colour
0 - 19	Dark yellowish brown SILT, sandy, gravelly and very clayey, sub-angular to sub-rounded	10 YR 4/4
19 - 32	Yellowish brown CLAY, very gravelly, slightly silty and sandy, angular to sub-angular	10 YR 5/8
32 - 46	Brown CLAY, very gravelly and slightly silty, angular to sub-angular	10 YR 4/3
46 - 55	Olive brown CLAY, very silty, gravelly and sandy, angular to sub-angular	2.5 Y 4/4
55 - 60	Dark yellowish brown GRAVEL, slightly clayey, slightly silty and sandy, angular to sub-angular	10 YR 4/4
60 - 101	Yellowish brown GRAVEL, clayey, sandy and slightly silty, angular to sub-angular	10 YR 5/8
101 - 113	Yellowish brown GRAVEL, clayey and slightly silty, angular to sub-angular	10 YR 5/4
113 - 125	Brownish yellow GRAVEL, clayey and slightly silty, angular to sub-angular	10 YR 6/8
125	Abandoned due to end of auger	--

**Auger 9**

Depth (cm)	Soil description	Colour
0 - 12	Olive brown GRAVEL, very clayey and slightly silty, sub-angular to sub-rounded	2.5 Y 4/3
12 - 55	Light olive brown GRAVEL, sandy and slightly silty, sub-angular to sub-rounded	2.5 Y 5/4
55	Light yellowish brown GRAVEL, sandy and very slightly clayey, sub-angular to sub-rounded	2.5 Y 6/4
	Abandoned due to water table (soil no longer holding in auger bucket)	

**Auger 10**

Depth (cm)	Soil description	Colour
0 - 35	Olive brown CLAY, very silty and sandy-gravelly, sub-angular to sub-rounded	2.5 Y 4/3
35 - 46	Light olive brown SILT, very clayey, sub-angular to sub-rounded. Water table at 40 cm	2.5 Y 5/4
46 - 58	Light yellowish brown sandy GRAVEL, sub-angular to sub-rounded	2.5 Y 6/4
58	Abandoned due to rocks	--

**Auger 11**

Depth (cm)	Soil description	Colour
0 - 17	Olive brown SILT, slightly clayey and sandy-gravelly, sub-angular to sub-rounded	2.5 Y 4/3
17 - 20	Olive brown SILT, slightly clayey, sandy-gravelly, sub-angular to sub-rounded	2.5 Y 4/4
20 - 28	Brown GRAVEL, very silty and slightly sandy, sub-angular to sub-rounded	10 YR 4/3
28 - 37	Dark brown SILT, clayey and sandy, sub-angular to sub-rounded	10 YR 3/3
37	Abandoned due to water table (soil no longer holding in auger bucket)	--

**Auger 12**

Depth (cm)	Soil description	Colour
0 - 19	Olive brown SILT, slightly sandy and slightly clayey, sub-angular to sub-rounded	2.5 Y 4/3
19 - 25	Dark greyish brown SILT, slightly clayey and sandy-gravelly, sub-angular to sub-rounded	2.5 Y 4/2
25 - 29	Very dark greyish brown SILT, sandy and very gravelly, sub-angular to sub-rounded. Water table at 29 cm.	2.5 Y 3/2
29 - 48	Light olive brown GRAVEL, slightly sandy, sub-angular to sub-rounded	2.5 Y 5/3
48	Abandoned due to water table (soil no longer holding in auger bucket)	--

**Auger 13**

Depth (cm)	Soil description	Colour
0 - 20	Olive brown CLAY, very silty and sandy-gravelly, sub-angular to sub-rounded	2.5 Y 4/3
20	Abandoned due to rock (3 attempts)	--

**Auger 14**

Depth (cm)	Soil description	Colour
0 - 8	Olive brown SILT, slightly sandy and gravelly, sub-angular to sub-rounded	2.5 Y 4/3
8 - 14	Dark yellowish brown SILT, slightly clayey and sandy-gravelly, sub-angular to sub-rounded	10 YR 4/4
14 - 60	Brown GRAVEL, very slightly clayey, sub-angular to sub-rounded. Water table at 40 cm.	10 YR 4/3
60 - 68	Yellowish brown GRAVEL, slightly sandy, sub-angular to sub-rounded	10 YR 5/4
68 - 72	Yellowish brown GRAVEL, slightly sandy, sub-angular to sub-rounded	10 YR 5/6

Depth (cm)	Soil description	Colour
72	Abandoned due to water table (soil no longer holding in auger bucket)	--

**Auger 15**

Depth (cm)	Soil description	Colour
0 - 10	Dark brown SILT, clayey, gravelly and slightly sandy, sub-angular to sub-rounded	10 YR 3/3
10 - 20	Dark olive brown SILT, clayey, gravelly and slightly sandy, sub-angular to sub-rounded	2.5 Y 3/3
20 - 25	Olive brown SILT, gravelly and slightly clayey, sub-angular to sub-rounded	2.5 Y 4/4
25 - 34	Dark yellowish brown SILT, very gravelly and slightly clayey, sub-angular to sub-rounded	10 YR 4/4
34 - 64	Yellowish brown GRAVEL, very silty and slightly clayey, sub-angular to sub-rounded	10 YR 5/6
64	Abandoned due to water table (soil no longer holding in auger bucket)	--

**Auger 16**

Depth (cm)	Soil description	Colour
0 - 4	Dark yellowish brown SILT, very gravelly, sandy and slightly clayey, sub-angular to sub-rounded	10 YR 3/4
4 - 58	Dark yellowish brown GRAVEL, clayey, sandy and slightly silty, sub-angular to sub-rounded	10 YR 4/6
58 - 65	Yellowish brown GRAVEL, slightly clayey, sandy and slightly silty, sub-angular to sub-rounded	10 YR 5/6
65	Abandoned due to rock	--

**Auger 17**

Depth (cm)	Soil description	Colour
0 - 29	Dark greyish brown SILT, sandy and slightly gravelly, sub-angular to sub-rounded	10 YR 4/2
29 - 60	Dark yellowish brown GRAVEL, silty and slightly sandy, sub-angular to sub-rounded	10 YR 4/6
60 - 108	Yellowish brown GRAVEL, slightly clayey, slightly silty and slightly sandy, sub-angular to sub-rounded	10 YR 5/8
108 - 125	Brownish yellow GRAVEL, slightly clayey and slightly sandy, sub-angular to sub-rounded	10 YR 6/8
125	Abandoned due to end of auger	--

**Auger 18**

Depth (cm)	Soil description	Colour
0 - 4	Dark greyish brown GRAVEL, very sandy and slightly silty, sub-angular to sub-rounded	10 YR 4/2
4 - 43	Brown slightly sandy SILT, sub-angular to sub-rounded	10 YR 4/3
43 - 95	Dark yellowish brown GRAVEL, very silty and slightly sandy, sub-angular to sub-rounded	10 YR 4/6
95 - 130	Yellowish brown GRAVEL, slightly clayey and slightly sandy, sub-angular to sub-rounded	10 YR 5/6
130 - 150	Dark yellowish brown GRAVEL, slightly clayey and slightly sandy, sub-angular to sub-rounded	10 YR 4/6
150	Abandoned due to end of auger	--



**ANNEX G2**  
**Test Pit Results**

## Test Pit Results

### Test Pit 1, Unit 6

Test Pit 1 was excavated on the southern end of the raised beach, immediately north of the stream which cuts through the sand body. The elevation of the pit was approx. 5.2 m PD. The test pit measured 1.5 x 1.5 m. TBM (2.370 m) was taken from an upright metal pole at the far side of the cultivated field to the east of the test pit. Depths are given here in cms. below point B.

Layer	Level (in cms.)	Soil description	Colour	Interpretation
01	0 - 4	Very dark greyish brown GRAVEL, sandy, silty, sub-angular to sub-rounded, with roots	10 YR 3/2	Topsoil
02	4 - 18	Dark brown SAND, gravelly, silty, sub-angular to sub-rounded, with some very large roots	10 YR 3/3	Subsoil
03	18 - 32	Dark olive brown GRAVEL, sandy, slightly silty, sub-angular to sub-rounded, with roots, a piece of tile and fragments of sherds [Bag # 1]	2.5 Y 3/3	Beach Sand
04	32 - 46	Dark brown GRAVEL, sandy, sub-angular to sub-rounded, with sherds and two bronze buttons [Bag # 2]	10 YR 3/3	Beach Sand
05	46 - 119	Brown GRAVEL, sandy, sub-angular to sub-rounded, with sherds [Bag # 3 & 4] and two bronze buttons [SF # 1]	10 YR 4/3	Beach Sand
		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.	--	
06	119 - 149	Pale brown GRAVEL, very sandy, sub-angular to sub-rounded	10 YR 6/3	Beach Sand
07	149	Yellowish brown GRAVEL, sandy, sub-angular to sub-rounded	10 YR 5/6	Beach Sand
	151	Abandoned due to sand no longer staying in auger bucket	--	--

ARCHAEOLOGICAL ASSESSMENTS

Test Pit Section Drawing

Project: Feasibility Study for Housing Development at Whitehead and Lee On in Ma On Shan, Sha Tin

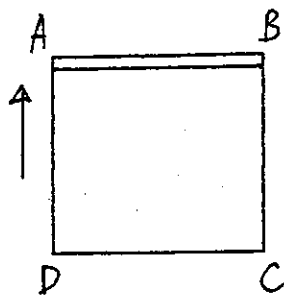
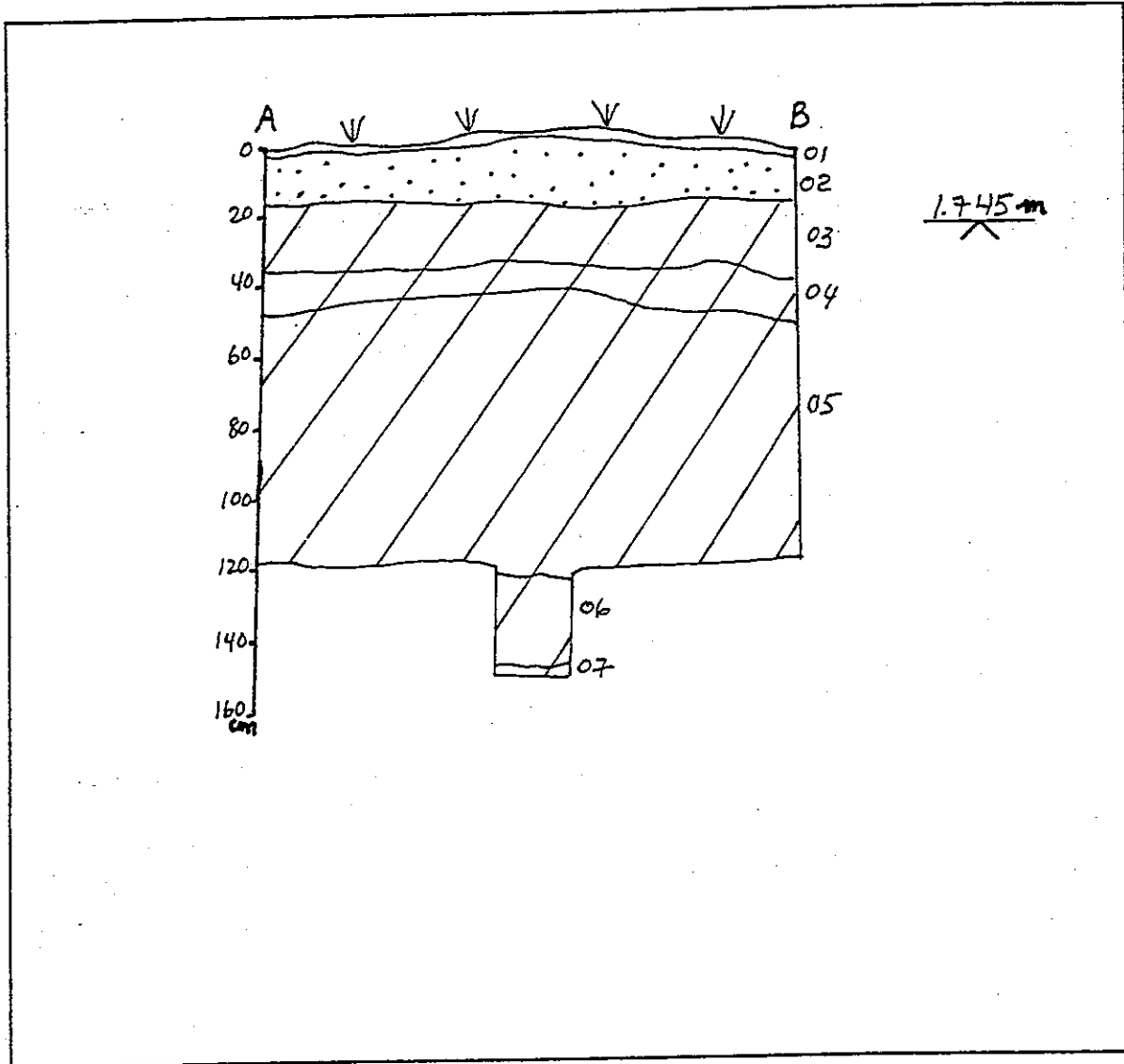
Test Pit Number: 1

Section: North Section

Scale: 1:20

Date: 5.9.00

TBM 2.370 m



Key:

	Topsoil		Alluvium
	Rock		Subsoil
	Fill		Colluvium
	Decomposing Debris Flow		
	Beach Sand		

## Test Pit 2, Unit 6

Test Pit 2 was excavated on the raised beach, near the structures and boats in the middle of the sand body. The area lies at approx. 5.4 m PD. The test pit measured 1.5 x 1.5 m. TBM (1.470 m) was taken from the base of the northeast corner of the structure immediately northwest of the pit. Depths are given here in cms. below point C.

Layer	Level (in cms.)	Soil description	Colour	Interpretation
01	0 - 3	Very dark brown SILT, very gravelly, sub-angular to sub-rounded, with roots	10 YR 2/2	Topsoil
02	3 - 23	Dark brown SILT, very gravelly, sandy sub-angular to sub-rounded, with roof tile, sherd and metal fragment [Bag # 1]	10 YR 3/3	Subsoil
03	23 - 38	Dark yellowish brown GRAVEL, very silty, sandy sub-angular to sub-rounded, with sherd [Bag # 2]	10 YR 3/4	Beach Sand
04	38 - 140	Light yellowish brown GRAVEL, sandy, sub-angular to sub-rounded, with sherd and potstand fragments [bag # 3]	10 YR 6/3	Beach Sand
		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.	--	--
	140	Abandoned due to failure of sand to stay in auger bucket	--	--

ARCHAEOLOGICAL ASSESSMENTS

Test Pit Section Drawing

Project: Feasibility Study for Housing Development at Whitehead and Lee On in Ma On Shan, Sha Tin

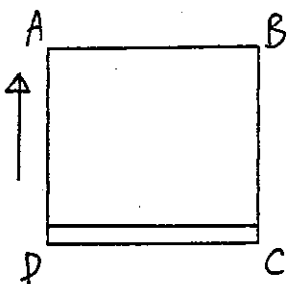
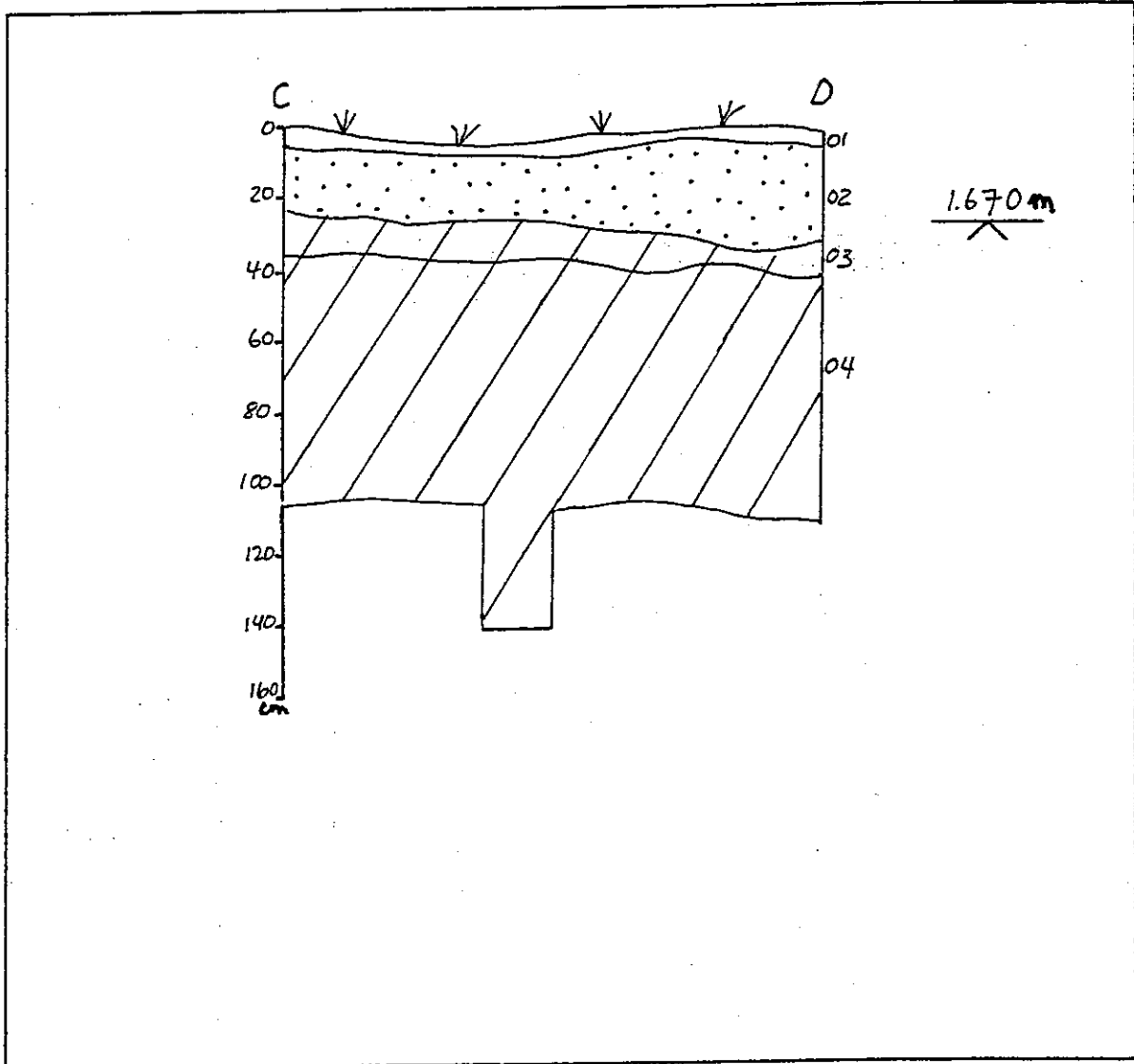
Test Pit Number: 2

Section: South Section

Scale: 1:20

Date: 7.9.00

TBM 1.470 m



Key:	
	Topsoil
	Rock
	Fill
	Decomposing Debris Flow
	Beach Sand
	Alluvium Subsoil
	Colluvium

### Test Pit 3, Unit 6

Test pit 3 was excavated on the raised beach, approx. 20 m. south of Test Pit 2. The elevation was approx. 5.3 m PD. The test pit measured 1.5 x 1.5 m. The TBM (1.220 m) was taken from the top of the south end of a concrete strip to the north of Test Pits 2 and 3. Depths are in cms. below point B.

Layer	Level (in cms.)	Soil description	Colour	Interpretation
01	0 - 2	Greyish brown GRAVEL, sandy and very slightly silty, sub-angular to sub-rounded, with roots	10 YR 5/2	Topsoil
02	2 - 7	Very dark greyish brown GRAVEL, very silty and sandy, sub-angular to sub-rounded, with roots and sherd [Bag # 1]	10 YR 3/2	Subsoil
03	7 - 45	Dark yellowish brown GRAVEL, silty and sandy, sub-angular to sub-rounded, with roots, tile fragments and bits of modern metal	10 YR 3/4	Beach Sand
04	45 - 94	Dark yellowish brown sandy GRAVEL, sub-angular to sub-rounded	10 YR 4/4	Beach Sand
	64	Adze [SF # 2] B: 87 cm C: 85 cm	--	--
	94	The excavation of the test pit was halted at these levels due to safety measures. Augering failed to hold sand in the bucket.	--	--

ARCHAEOLOGICAL ASSESSMENTS

Test Pit Section Drawing

Project: Feasibility Study for Housing Development at Whitehead and Lee On in Ma On Shan, Sha Tin

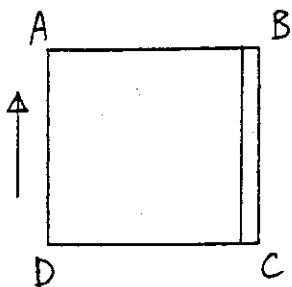
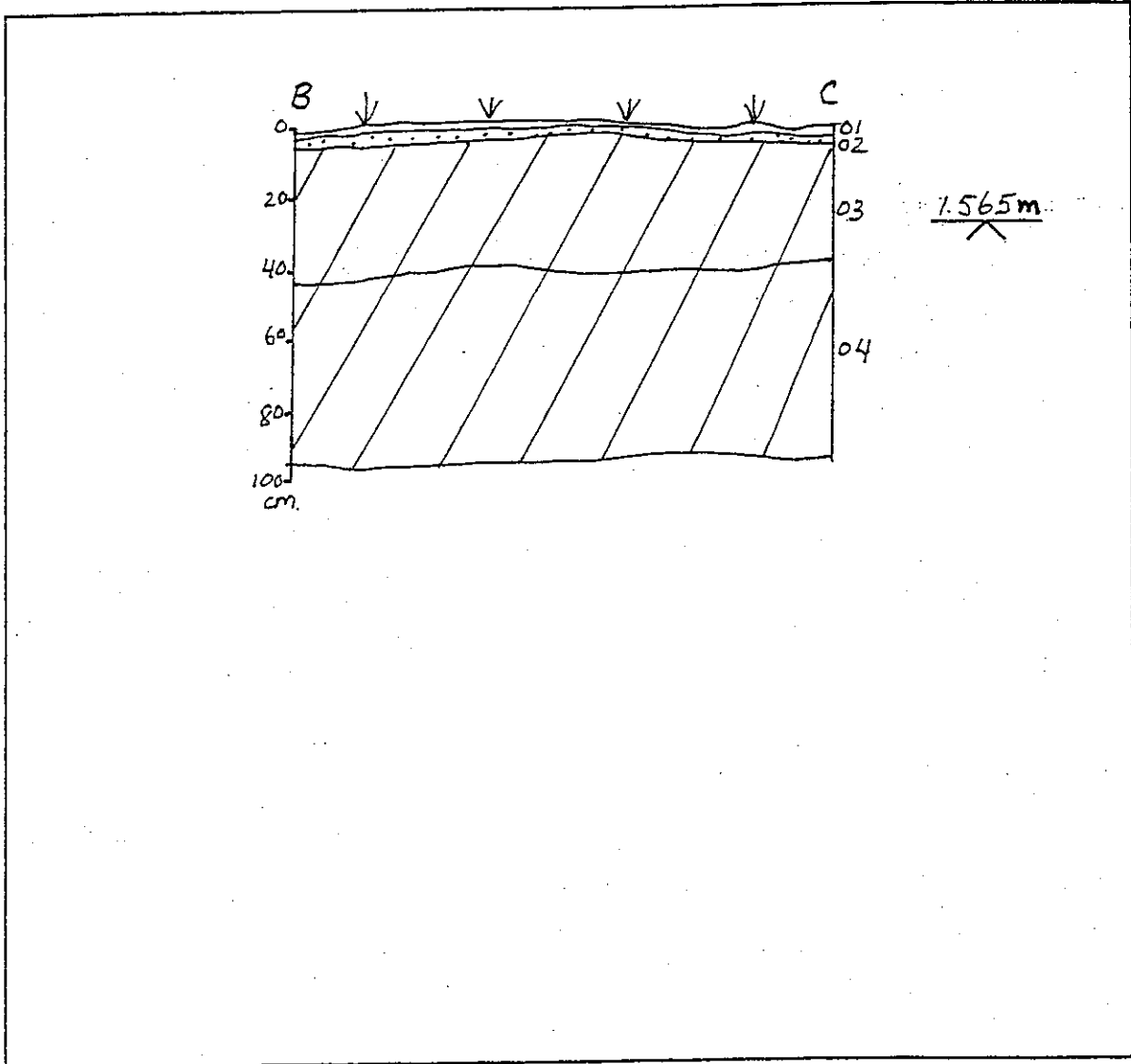
Test Pit Number: 3

Section: East Section

Scale: 1:20

Date: 11.9.00

TBM 1.220 m



Key:

	Topsoil		Alluvium
	Rock		Subsoil
	Fill		Colluvium
	Decomposing Debris Flow		
	Beach Sand		

### Test Pit 4, Unit 6

Test Pit 4 was excavated on the raised beach approx. 20 north of Test Pit 1. It lies at approx. 5.3 m PD and measured 1.5 x 1.5 m. The TBM (1.3.5 m) was taken from a point on the path 17 m north of the base of the electricity pole to the west of the raised beach. Measurements here are given in cms. below point A.

Layer	Level (in cms.)	Soil description	Colour	Interpretation
01	0 - 2	Greyish brown GRAVEL, sandy and silty, sub-angular to sub-rounded, with roots	10 YR 5/2	Topsoil
02	2 - 6	Dark brown GRAVEL, very sandy and silty, sub-angular to sub-rounded	10 YR 3/3	Subsoil
03	6 - 33	Dark yellowish brown GRAVEL, sandy and silty, sub-angular to sub-rounded	10 YR 3/4	Beach Sand
04	33 - 45	Very dark greyish brown GRAVEL, slightly silty and slightly sandy, sub-angular to sub-rounded	10 YR 3/2	Beach Sand
05	45 - 95	Brown GRAVEL, slightly sandy, with pumice and sherds [Bag # 1]	10 YR 4/3	Beach Sand
		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.	--	--



ARCHAEOLOGICAL ASSESSMENTS

Test Pit Section Drawing

Project: Feasibility Study for Housing Development at Whitehead and Lee On in Ma On Shan, Sha Tin

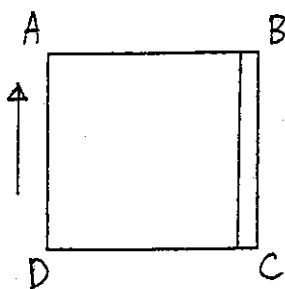
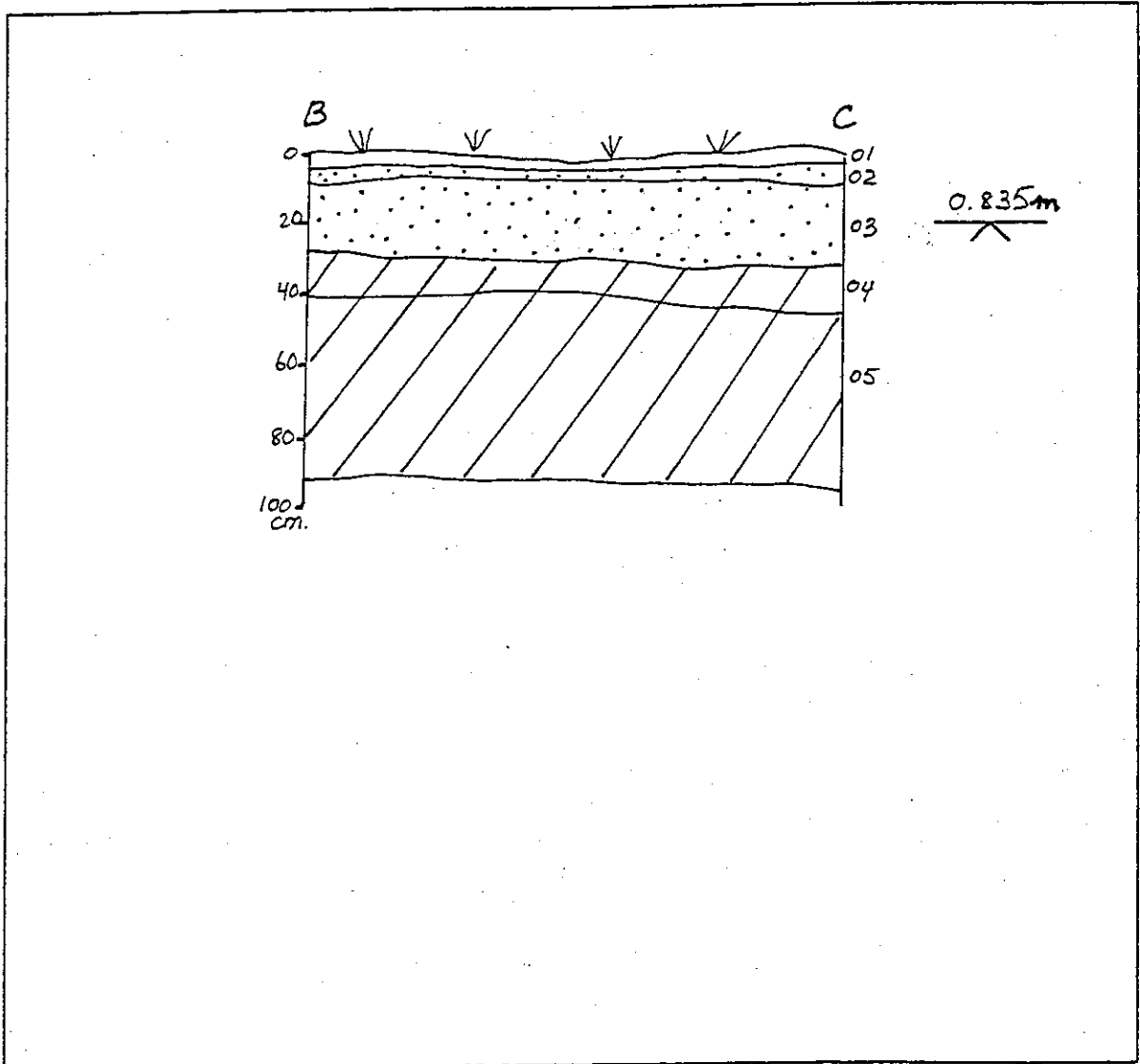
Test Pit Number: 4

Section: East Section

Scale: 1:20




Date: 11.9.00

TBM 2.095 m



Key:

 Topsoil  
 Rock  
 Fill

 Alluvium  
 Subsoil  
 Colluvium

 Decomposing Debris Flow  
 Beach Sand

## Test Pit 5, Unit 7

Test Pit 5 was excavated in the low area of Unit 7, to the east of the raised beach. It lay at 2.8 m PD and measured 1.5 x 1.5 m. The TBM (1.305 m) was taken from the base of an electricity pole to the northeast of the test pit. Measurements are given here in cms. below point A.

Layer	Level (in cms.)	Soil description	Colour	Interpretation
01	0 - 6	Greyish brown SILT, sandy, slightly gravelly, sub-angular to sub-rounded, with cobbles from field clearance, roots and surface sherd [Bag # 1]	10 YR 5/2	Topsoil
02	6 - 19	Very dark greyish brown SILT, slightly sandy, slightly gravelly, sub-angular to sub-rounded, with cobbles, tile and sherds [Bag # 2]	10 YR 3/2	Fill
03	19 - 28	Brown SILT, sandy, slightly clayey, slightly gravelly, sub-angular to sub-rounded, with sherds and a gastropod shell [Bag # 3]	10 Y 4/3	Fill
04	28 - 44	Dark yellowish brown SAND, gravelly, slightly silty, slightly clayey, sub-angular to sub-rounded, with sherds	10 YR 4/4	Fill
05	44 - 53	Very dark brown GRAVEL, sandy slightly silty, slightly clayey, sub-angular to sub-rounded [Bag # 5]	10 YR 2/2	Fill
06	53 - 108	Pale brown SAND, gravelly, sub-angular to sub-rounded (water table)	10 YR 6/3	Sand
		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.	--	--
	108	Abandoned due to failure of sand to stay in auger bucket	--	--

ARCHAEOLOGICAL ASSESSMENTS

Test Pit Section Drawing

Project: Feasibility Study for Housing Development at Whitehead and Lee On in Ma On Shan, Sha Tin

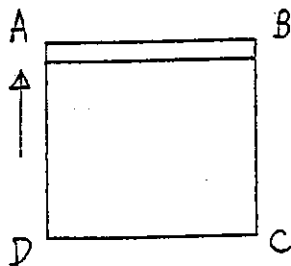
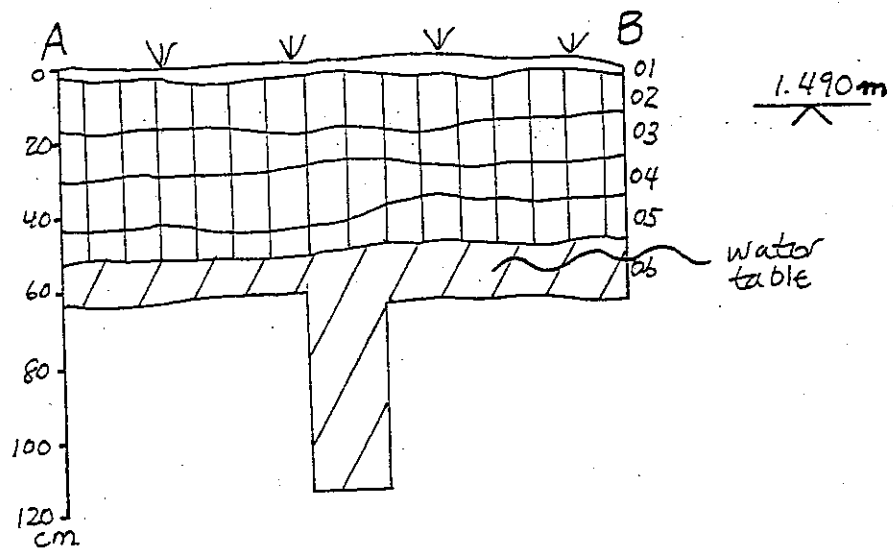
Test Pit Number: 5

Section: North Section

Scale: 1:20

Date: 14.9.00

TBM 1.305 m



Key:

Topsoil

Rock

Fill

Decomposing Debris Flow

Beach Sand

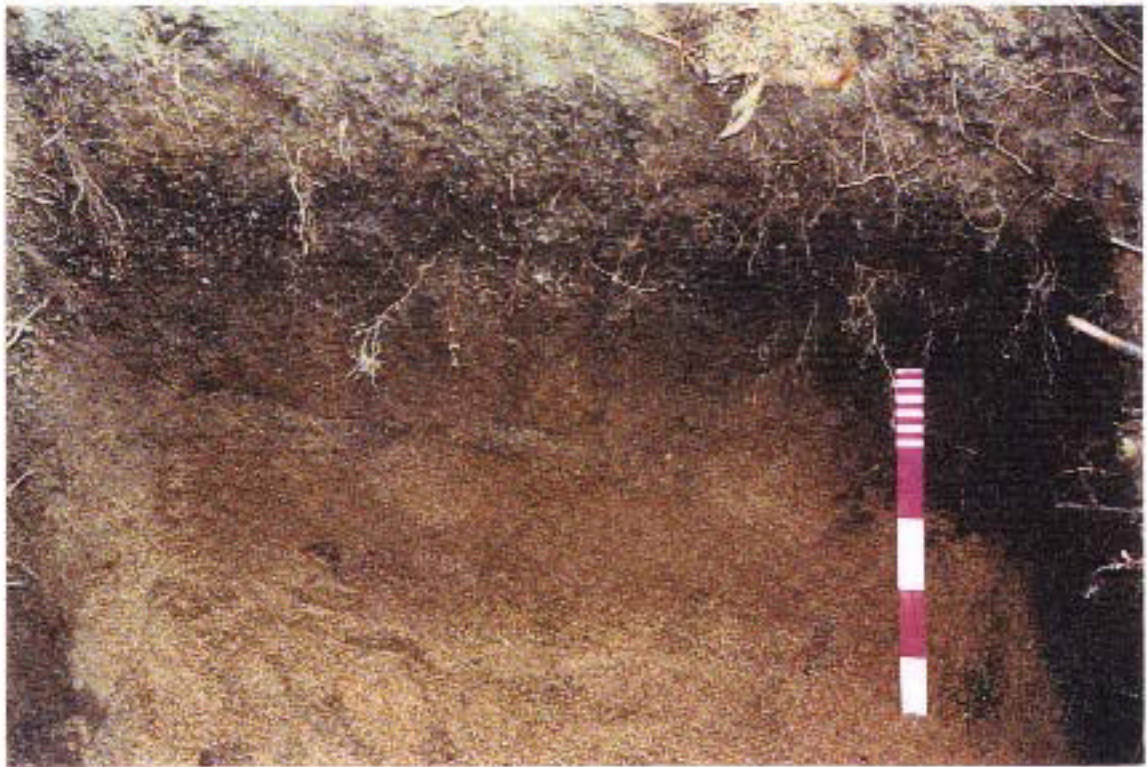
Alluvium

Subsoil

Colluvium



Top photograph, the North section of Test Pit 1  
Bottom photograph, the South section of Test Pit 2



Top photograph, the East section of Test Pit 3  
Bottom photograph, the East section of Test Pit 4



Photograph showing the North section of Test Pit 5