

Appendix 12.14

Preliminary archaeological
survey data and section drawing

The processing of the field survey data is in progress and mapping of the tests is in progress. The data presented below is preliminary and raw. Final details will be provided in next EIA stage.

Auger hole test data

AH1 (within nursery area, i.e. western part of licence area)

Measurement (cm)	Soil Description	Colour
0 – 4	SILT, very slightly clayey	10 YR 5/4 Yellowish brown
4 – 77	SILT, very clayey	7.5 YR 5/6 Strong brown
77 – 120	CLAY, silty, getting more clayey in depth, with decomposed rocks; abandoned due to end of auger	7.5 YR 5/6 Strong brown

AH2 (within nursery area, i.e. western part of licence area)

Measurement (cm)	Soil Description	Colour
0 – 38	SILT, clayey	10 YR 5/4 Yellowish brown
38 – 60	SILT, very clayey	10 YR 5/6 Yellowish brown
60 – 120	CLAY, slightly silty, becoming mottled at c.100cm; abandoned due to end of auger	10 YR 5/8 Yellowish brown

AH3 (within nursery area, i.e. western part of licence area)

Measurement (cm)	Soil Description	Colour
0 – 7	SILT, very slightly sandy	10 YR 5/4 Yellowish brown
7 – 80	SILT, clayey	10 YR 5/8 Yellowish brown
80 – 120	CLAY, very slightly sandy, getting more compacted in depth, with decomposed rocks	10 YR 6/8 Brownish yellow

AH4 (within nursery area, i.e. western part of licence area)

Measurement (cm)	Soil Description	Colour
0 – 8	SILT, very slightly sandy	10 YR 5/3 Brown
8 – 68	CLAY, very slightly sandy	10 YR 6/8 Brownish yellow
68 – 76	CLAY, very slightly sandy with big chunks of decomposed rocks; abandoned due to end of auger	7.5 YR 5/6 Strong brown

AH5 (within nursery area, i.e. western part of licence area)

Measurement (cm)	Soil Description	Colour
0 – 5	SILT, clayey, with roots	10 YR 5/4 Yellowish brown
5 – 25	SILT, very clayey; abandoned due to rock	10 YR 5/8 Yellowish brown

AH6 (second attempt) (within nursery area, i.e. western part of licence area)

Measurement (cm)	Soil Description	Colour
0 – 7	SILT, sandy, slightly clayey	10 YR 4/3 Brown
7 – 22	CLAY, very lightly silty	10 YR 5/8 Yellowish brown
22 – 50	CLAY, silty	10 YR 5/8 Yellowish brown
50 – 84	CLAY, silty and mottled, rocks getting more frequent in depth; abandoned due to rocks	10 YR 5/8 Yellowish brown

AH7 (second attempt) (within nursery area, i.e. western part of licence area)

Measurement (cm)	Soil Description	Colour
0 – 11	SILT, very clayey, with roots	10 YR 4/3 Brown
11 – 25	SILT, clayey	2.5 Y 5/4 Light olive brown
25 – 66	CLAY, very silty	10 YR 5/6 Yellowish brown
66 – 120	CLAY, slightly silty; abandoned due to end of auger	2.5 Y 4/4 Olive brown

AH8 (second attempt) (within nursery area, i.e. western part of licence area)

Measurement (cm)	Soil Description	Colour
0 – 4	SILT, clayey and very slightly sandy	10 YR 4/2 Dark greyish brown
4 – 12	SILT, clayey, with rocks; abandoned due to rocks	10 YR 5/8 Yellowish brown

AH9 (second attempt) (southern part of the licence area)

Measurement (cm)	Soil Description	Colour
0 – 10	SILT, very slightly sandy and very slightly clayey	10 YR 5/4 Yellowish brown
10 – 14	SILT, clayey, rocky; abandoned due to rocks	10 YR 6/8 Brownish yellow

AH10 (second attempt) (southern part of the licence area)

Measurement (cm)	Soil Description	Colour
0 – 4	SILT, very slightly sandy	10 YR 5/4 Yellowish brown
4 – 12	SILT, slightly sandy, very rocky; abandoned due to rocks	10 YR 5/6 Yellowish brown

AH11 (Along the road, i.e. northern part of licence area)

Measurement (cm)	Soil Description	Colour
0 – 8	SILT, slightly clayey	10 YR 3/4 Dark yellowish brown
8 – 37	SILT, clayey	10 YR 5/6 Yellowish brown
37 – 67	CLAY, silty	10 YR 4/4 Dark yellowish brown
67 – 108	CLAY, silty, chunks of rocks appeared at c.102cm; abandoned due to rocks	10 YR 5/8 Yellowish brown

AH12 (Along the road, i.e. northern part of licence area)

Measurement (cm)	Soil Description	Colour
0 – 8	SILT, clayey and very slightly sandy	10 YR 4/2 Dark yellowish brown
8 – 26	SILT, clayey and very slightly sandy	10 YR 5/8 Yellowish brown
26 – 40	SILT, very clayey, with stones	10 YR 5/6 Yellowish brown
40 – 53	CLAY, very slightly sandy and very slightly silty, with chunks of decomposed rocks; abandoned due to rocks	10 YR 6/8 Brownish yellow

AH13 (Along the road, i.e. northern part of licence area)

Measurement (cm)	Soil Description	Colour
0 – 10	SILT, very slightly clayey	10 YR 2/2 Very dark brown
10 – 38	SILT, slightly clayey; decomposed rocks from c.38cm onwards; abandoned due to rock	10 YR 4/4 Dark yellowish brown

AH14 (near the road, i.e. west part of turning point)

Measurement (cm)	Soil Description	Colour
0 – 5	SILT, very slightly clayey	10 YR 3/2 Very dark greyish brown
5 – 30	SILT, clayey, with chunks of rocks	10 YR 3/6 Dark yellowish brown
30 – 35	SILT, clayey, with gravels (Fill); abandoned due to rock	7.5 YR 4/6 Strong brown

AH15 (Along the road, i.e. northern part of licence area)

Measurement (cm)	Soil Description	Colour
0 – 10	SILT, very slightly clayey	10 YR 4/3 Brown
10 – 22	SILT, clayey and gravelly	10 YR 4/3 Brown
22 – 72	SILT, slightly clayey; getting more clayey in depth	10 YR 5/6 Yellowish brown
72 – 75	CLAY, silty, with rocks; abandoned due to rock	10 YR 6/8 Brownish yellow

AH16 (within nursery area, i.e. western part of licence area)

Measurement (cm)	Soil Description	Colour
0 – 31	SILT, very slightly clayey	10 YR 4/3 Brown
31 – 60	SILT, clayey	10 YR 5/6 Yellowish brown; gradually turns into 10 YR 4/6 Dark yellowish brown
60 – 120	CLAY, silty	10 YR 5/8 Yellowish brown

Test Pit Excavation

Test Pit 1

Context	Soil Description	Colour	Finds	Remarks
101	CLAY, silty and very slightly sandy	10 YR 6/6 Brownish yellow	Nil	Artificial Fill left after digging hole for electricity pole
102	SILT, clayey and very slightly sandy	10 YR 3/3 Dark brown	Plastic fragments, metal fragments	Topsoil
103	SILT, very slightly clayey	10 YR 5/4 Yellowish brown	Nil	Subsoil
104	CLAY, very slightly sandy	7.5 YR 6/8 Reddish yellow	Nil	Debris Flow
105	CLAY, slightly silty	10 YR 4/3 Brown	Modern provincial porcelain sherd, rope and metal fragment	Pit, possibly for tree planting
106	CLAY, gravelly, very slightly sandy	7.5 YR 5/6 Strong brown	Nil	Debris Flow
Auger Hole	Same as 106; abandoned due to rocks	Same as 106	Nil	Debris flow



Plate 1 – Test pit 1 photo: South facing section showing a modern pit and natural stratigraphy

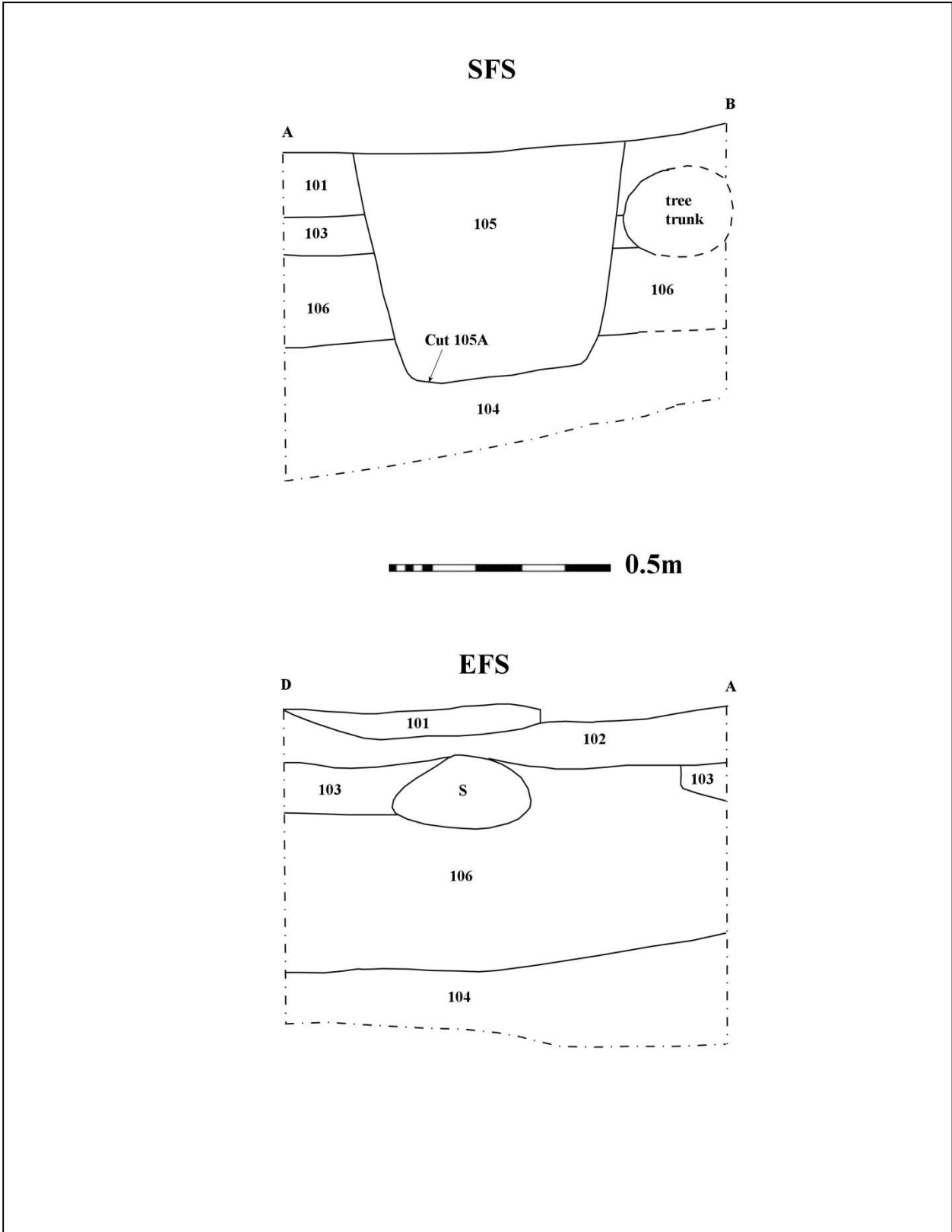


Plate 2 – Test pit 1 Section Drawing: South and east facing sections showing natural stratigraphy contexts 102, 103, 106 and 104 and modern pit feature contexts 105 and 105a

Test Pit 2

Context	Soil Description	Colour	Finds	Remarks
201	CLAY, slightly gravelly and very slightly silty	10 YR 4/3 Brown	Nil	Topsoil
202	CLAY, very slightly sandy	10 YR 5/6 Yellowish brown	Nil	Artificial Fill
203	CLAY, slightly sandy and very gravelly	10 YR 5/8 Yellowish brown	Nil	Artificial Fill
204	CLAY, slightly gravelly and very slightly sandy	10 YR 6/6 Brownish yellow and patches of 10 YR 6/1 Grey	Hazard tape	Artificial Fill



Plate 3 – Test pit 2 photo: South facing section showing artificial fill

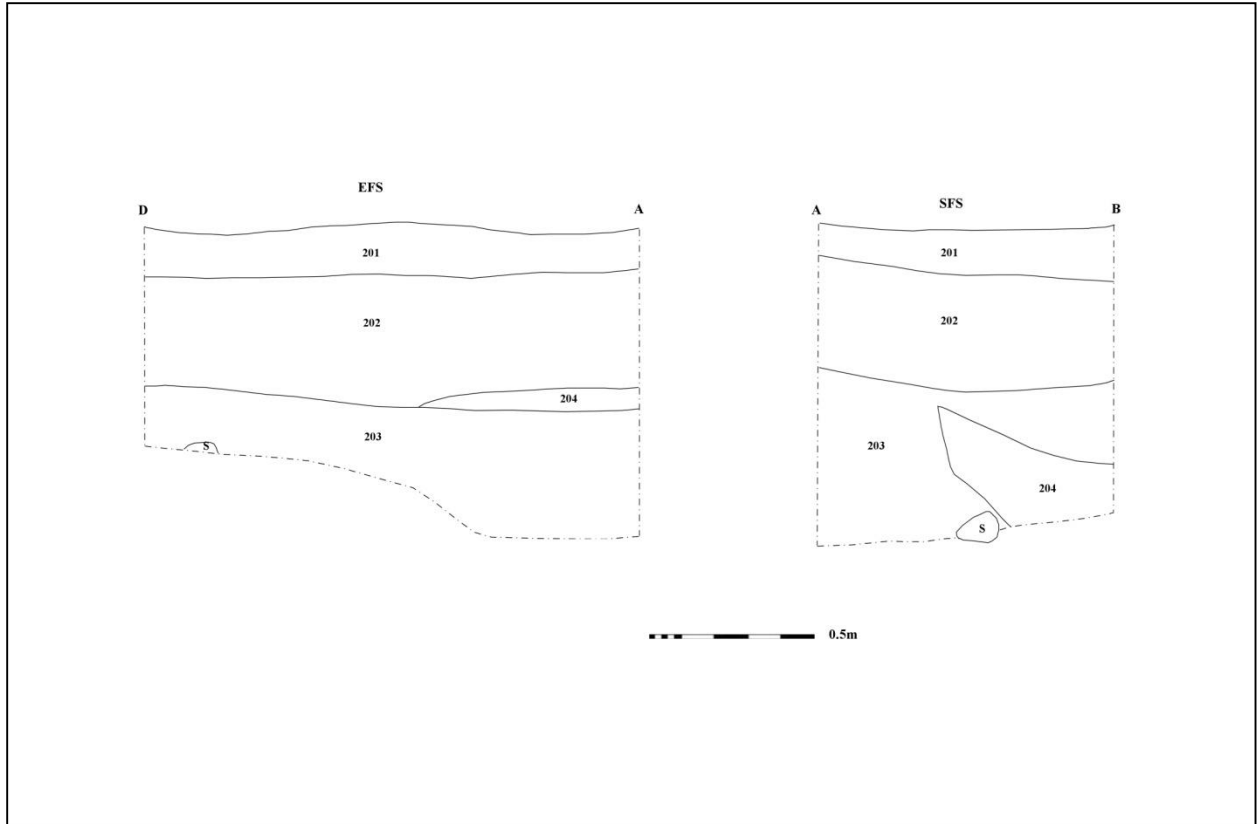


Plate 4 – Test pit 2 Section Drawing: South and east facing sections showing artificial fill deposits 202, 203 and 204

Test Pit 3

Context	Soil Description	Colour	Finds	Remarks
301	SILT, clayey, with lots of roots	10 YR 3/2 Very dark greyish brown	Nil	Topsoil
302	CLAY, slightly gravelly	10 YR 5/3 Brown	Nil	Artificial Fill
303	CLAY, slightly gravelly and very slightly sandy, with frequent decomposed rocks	10 YR 5/6 Yellowish brown	Nil	Artificial Fill
304	CLAY, slightly gravelly, with frequent rocks and patches of very slightly sandy yellowish brown clay	10 YR 5/3 Brown; 10 YR 5/6 Yellowish brown	Nil	Artificial Fill



Plate 5 – Test pit 3 photo: South facing section showing artificial fill

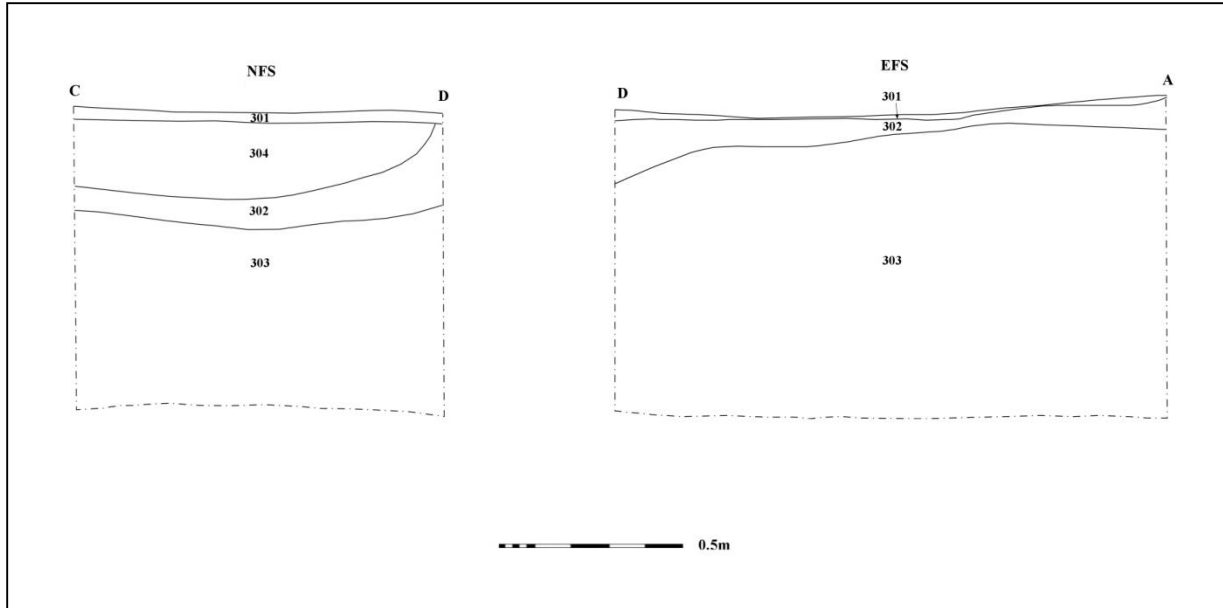


Plate 6 – Test pit 3 Section Drawing: North and east facing sections showing artificial fill contexts 302, 303 and 304

Test Pit 4

Context	Soil Description	Colour	Finds	Remarks
401	SILT, slightly clayey, roots	10 YR 4/3 Brown	Nil	Topsoil
402	SILT, very clayey	10 YR 5/4 Yellowish brown	Nil	Subsoil
402a	SILT, very clayey, with chunks of small rocks	10 YR 5/4 Yellowish brown	Nil	Subsoil
403	CLAY, very silty	10 YR 5/3 Brown	Nil	Cultural layer
404	CLAY with some decomposed rocks; rocks increase in size and quantity in depth	10 YR 6/6 Brownish yellow	Nil	Debris flow; water table at c.110cm from surface
Auger Hole	Same as 404; abandoned due to water table (soil not holding in auger bucket)	Same as 404	Nil	Same as 404

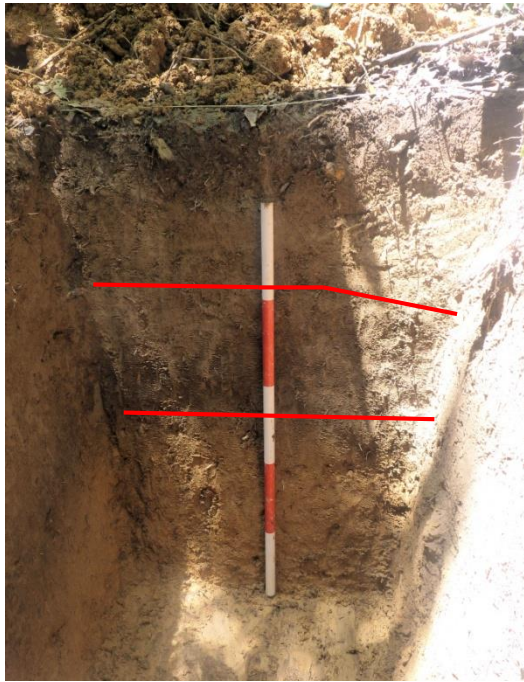


Plate 7 – Test pit 4 photo: North facing section showing cultural deposit in between red lines

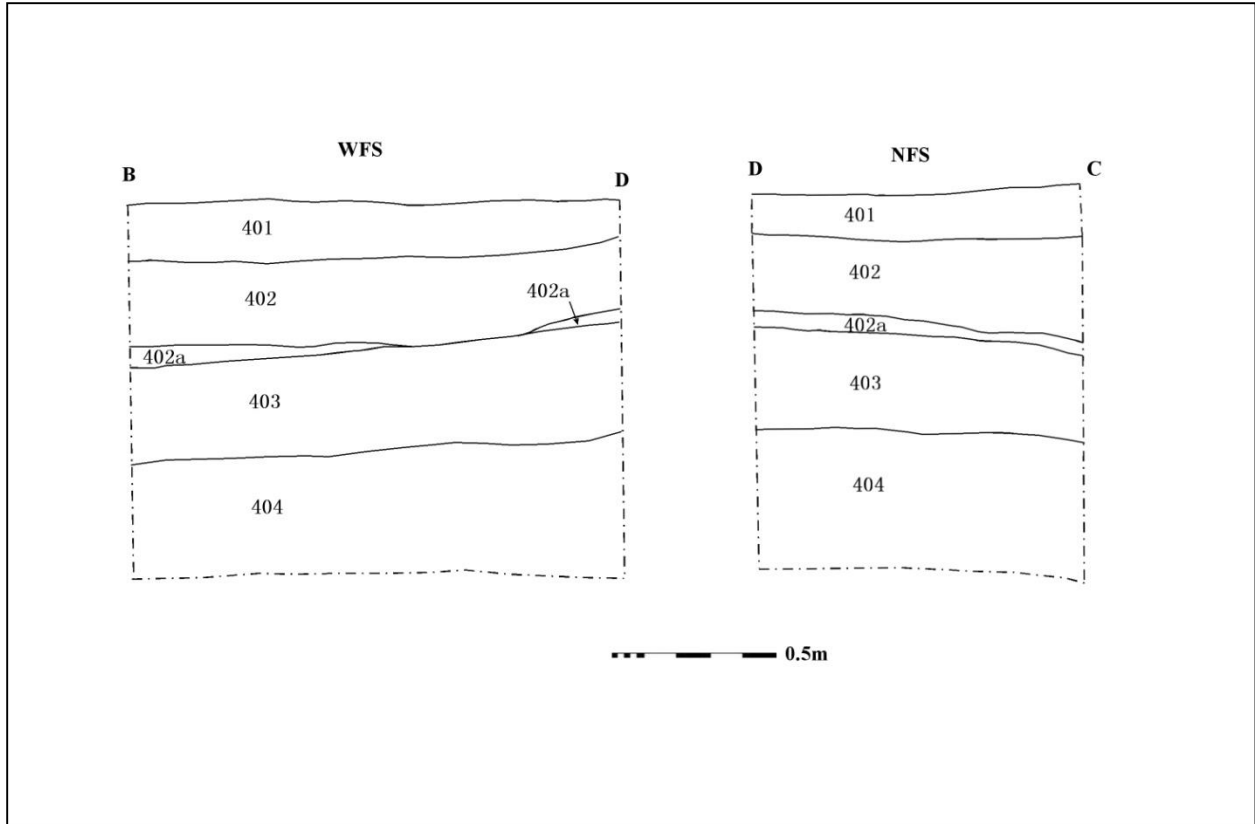


Plate 8 – Test pit 4 Section Drawing: West and north facing sections showing cultural deposit context 403