

APPENDIX F

Trial Pit Logs

TRIAL PIT 1

Depth (m)	Strata
0.00 – 1.00m	Loose dark brown to black sandy angular to subangular fine to coarse GRAVEL of mudstone and burnt shale. (MADE GROUND – Colliery Shale)
1.00 – 1.30m	Very dense black sandy angular to subangular fine to coarse GRAVEL of mudstone and brick. (MADE GROUND -Colliery Spoil)
1.30 – 1.80m	Firm to stiff dark grey to black slightly sandy CLAY (GLACIAL TILL)
1.80 – 3.00m	Stiff light grey sandy gravelly CLAY Gravel is subrounded to rounded fine to coarse of sandstone. (GLACIAL TILL)

Notes

1. Pit sides unstable,
2. No groundwater encountered.

Trial pit 1 - Spoil



TP1



TRIAL PIT 2

Depth (m)	Strata
0.00 – 1.80m	Scrub over loose reddish brown to light brown sandy angular to subangular GRAVEL of mudstone and burnt shale. (MADE GROUND – Colliery Spoil)
1.80 - 2.10m	Firm to stiff black slightly sandy CLAY. (GLACIAL TILL)
2.10 – 2.50m	Dense green clayey slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GLACIAL DEPOSITS)

Notes

1. Pit sides unstable from 1.50m,
2. Hole terminated at 2.50m due to sides collapsing,
3. Groundwater not encountered.

Trial Pit 2 - Spoil



Trial Pit 2



TRIAL PIT 3

Depth (m)	Strata
0.00 – 1.80m	Scrub over loose orangish brown to black sandy angular to subangular fine to coarse GRAVEL of mudstone and burnt shale. (MADE GROUND - Colliery Spoil)
1.80 – 2.50m	Firm black slightly sandy CLAY. (GLACIAL TILL)
2.50 – 3.00m	Dense greenish brown clayey slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GLACIAL DEPOSITS)

Notes

1. Pit sides stable,
2. Slow groundwater seepage from 1.80m.

Trial Pit 3 – Spoil



Trial Pit 3



TRIAL PIT 4

Depth (m)	Strata
00.0 – 1.70m	Scrub over loose black sandy angular to subangular fine to coarse GRAVEL of mudstone and burnt shale with a medium cobble content of subangular mudstone. (MADE GROUND – Colliery Spoil)
1.70 – 2.40m	Firm black slightly sandy CLAY. (GLACIAL TILL)
2.40 – 3.00m	Dense greenish grey clayey slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GLACIAL DEPOSITS)

Notes

1. Pit sides stable,
2. Slow seepage from 1.70m.

Trial Pit 4 – Spoil



Trial Pit 4



TRIAL PIT 5

Depth (m)	Strata
00.0 – 1.60m	Grass over loose black sandy angular to subangular fine to coarse GRAVEL of mudstone and burnt shale. (MADE GROUND – Colliery Spoil)
1.60 – 2.30m	Firm black slightly sandy CLAY. (GLACIAL TILL)
2.30 – 3.00m	Dense greenish grey clayey slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GLACIAL DEPOSITS)

Notes

1. Pit sides stable,
2. Slow seepage from 1.60m.

Trial Pit 5 -Spoil



Trial Pit 5



TRIAL PIT 6

Depth (m)	Strata
00.0 – 1.30m	Grass over loose reddish brown to black sandy angular to subangular fine to coarse GRAVEL of mudstone and burnt shale. (MADE GROUND – Colliery Spoil)
1.30 – 1.80m	Firm black slightly sandy CLAY. (GLACIAL TILL)
1.80 – 2.50m	Dense greenish grey clayey slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GLACIAL DEPOSITS)

Notes

1. Pit sides stable,
2. Trial pit terminated at 2.50m due to rapid inflow of groundwater,
3. Fast inflow from 1.30m.

Trial Pit 6 – Spoil



Trial Pit 6



TRIAL PIT 7

Depth (m)	Strata
00.0 – 1.90m	Scrub over loose dark brown to black sandy angular to subangular fine to coarse GRAVEL of mudstone and brick. (MADE GROUND – Colliery Spoil)
1.90 – 2.50m	Firm black slightly sandy CLAY. (GLACIAL TILL)
2.50 – 3.00m	Dense greenish grey clayey slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GLACIAL DEPOSITS)

Notes

1. Pit sides stable,
2. No groundwater encountered.

Trial Pit 7 – Spoil



Trial Pit 7



TRIAL PIT 8

Depth (m)	Strata
00.0 – 1.80m	Scrub over loose dark brown to black sandy angular to subangular fine to coarse GRAVEL of mudstone and burnt shale. (MADE GROUND – Colliery Spoil)
1.80 – 2.30m	Firm black slightly sandy CLAY. (GLACIAL TILL)
2.30 – 3.00m	Dense greenish grey clayey slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GLACIAL DEPOSITS)

Notes

1. Pit sides stable,
2. Slow seepage from 1.80m.

Trial Pit 8 – Spoil



Trial Pit 8



TRIAL PIT 9

Depth (m)	Strata
00.0 – 2.60m	Scrub over loose orangish brown to black sandy angular to subangular fine to coarse GRAVEL of mudstone, burnt shale and brick. (MADE GROUND – Colliery Spoil)
2.60 – 3.00m	Dense greenish grey clayey slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GLACIAL DEPOSITS)

Notes

1. Pit sides stable,
2. Slow seepage from 2.60m.

Trial Pit 9 – Spoil



Trial Pit 9



TRIAL PIT 10

Depth (m)	Strata
00.0 – 2.10m	Scrub over loose orangish brown to black sandy angular to subangular fine to coarse GRAVEL of mudstone, burnt shale, slag and brick with a medium cobble content of subangular slag. Black soot at 1.10m (MADE GROUND – Colliery Spoil)
2.10m	Brick structure. (MADE GROUND)

Notes

1. Pit sides stable,
2. Trial pit terminated due to solid brick structure @ 2.10m,
3. No groundwater encountered.

Trial Pit 10 – Spoil



Trial Pit 10

