

Appendix IV

Trial Pit Logs



Met Consultancy Group Ltd
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Trial Pit Log

TrialPit No
 TP01
 Sheet 1 of 1

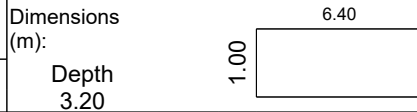
Project Name: Parkside Sports and Community Centre, Hoyland

Project No.
 P22-01115

Co-ords: 435936.26 - 399781.11
 Level:

Date
 16/12/2022

Location: Land between Sheffield Road and Stead Lane, Hoyland, Barnsley, S74 0AH



Scale
 1:25

Logged
 YK

Client: Barnsley Metropolitan Borough Council

| Water Strike | Samples & In Situ Testing | | | Depth (m) | Level (m) | Legend | Stratum Description |
|--------------|---------------------------|--------|---------|--------------|-----------|--------|---|
| | Depth | Type | Results | | | | |
| | | | | 0.40 | | | Grass overlying dark brown silty slightly sandy slightly gravelly CLAY (TOPSOIL). |
| | 1.00 1.00 | B B | | 1.00 | | | MADE GROUND: Orangish medium brown firm to stiff silty sandy gravelly CLAY with a moderate cobble and boulder content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of mixed lithologies including sandstone, mudstone and brick. Cobbles and boulders are angular to subangular of sandstone and siltstone up to 300mm across. Fragments of plastic, wood, sweet wrappers and roots noted. |
| | | | | 3.20 3.20 | | | OPENCAST FILL: Grey cobbles and boulders in a clayey sand and gravel matrix. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of mixed lithologies including sandstone, siltstone, mudstone and some brick. Cobble and boulders are angular to subangular of sandstone, siltstone and mudstone up to 600mm across. |
| | | | | | | | Brown SILTSTONE/SANDSTONE bedrock. Trial pit extended to the west to identify natural deposits. In western extents, orangish brown mottled grey slightly friable silty sandy clay grading to a potentially weathered bedrock, recovered as sand and gravel. End of Pit at 3.20m |

Remarks: Trial pit terminated on siltstone/sandstone bedrock.

Stability: Stable Weather: Clear

Trial Pit Photos

TP01

Parkside Sports and
Community Centre, Hoyland

P22-01115



Photograph 01: Trial pit TP01. Eastern face of trial pit, view from the east to the west.



Photograph 02: Trial pit TP01. Western face of the trial pit, view from the east to the west.

Trial Pit Photos

TP01

Parkside Sports and
Community Centre, Hoyland

P22-01115



Photograph 03: Trial pit TP01. Eastern face of trial pit, view from the west to the east.



Photograph 04: Trial pit TP01. Northern side of trial pit, view from the south east to the north west.

Trial Pit Photos

TP01

Parkside Sports and
Community Centre, Hoyland

P22-01115



Photograph 05: Trial pit TP01. Southern side of trial pit, view from the north east to the south west.



Photograph 06: TP01 arisings. (1).

Trial Pit Photos

TP01

Parkside Sports and
Community Centre, Hoyland

P22-01115



Photograph 07: TP01 arisings. (2).



Photograph 08: TP01 arisings. (3).

Trial Pit Photos

TP01

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Photograph 09: TP01 arisings. (4).



Photograph 10: TP01 arisings. (5).



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Trial Pit Log

TrialPit No
 TP02
 Sheet 1 of 1

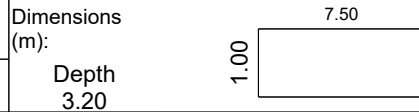
Project Name: Parkside Sports and Community Centre, Hoyland

Project No.
 P22-01115

Co-ords: 435939.21 - 399792.66
 Level:

Date
 16/12/2022

Location: Land between Sheffield Road and Stead Lane, Hoyland, Barnsley, S74 0AH



Scale
 1:25
 Logged
 YK

Client: Barnsley Metropolitan Borough Council

| Water Strike | Samples & In Situ Testing | | | Depth (m) | Level (m) | Legend | Stratum Description |
|--------------|---------------------------|------|---------|--------------|-----------|--------|---|
| | Depth | Type | Results | | | | |
| | | | | 0.40 | | | Grass overlying dark brown silty slightly sandy slightly gravelly CLAY (TOPSOIL). |
| | | | | 1.10 | | | MADE GROUND: Orangish brown silty sandy gravelly CLAY with a moderate cobble and boulder content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of mixed lithologies including sandstone, mudstone, brick and coal. Cobbles and boulders are angular to subangular of sandstone, siltstone and mudstone up to 200mm across. Occasional brick cobbles noted. Plastic wrappers and rope noted. |
| | | | | 3.20 3.20 | | | OPENCAST FILL: Grey cobbles and boulders in a clayey sand and gravel matrix. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of mixed lithologies including sandstone, siltstone, mudstone and some brick. Cobbles and boulders are angular to subangular of sandstone, siltstone and mudstone up to 1.7m across. |
| | | | | | | | Brown SILTSTONE/SANDSTONE bedrock. Trial pit extended to the north with the aim of identifying a potential high wall, which was not found. Bedrock top depth recorded at consistent top depth of 3.2mbgl. <small>End of Pit at 3.20m</small> |

Remarks: Trial pit terminated on siltstone/sandstone bedrock. Backfilled due to unstable trial pit sides as a result of opencast backfilling.

Stability: Unstable due to opencast backfill.

Weather:

Clear