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# Trial Pit Log

TrialPit No  
 TP04  
 Sheet 1 of 1

Project Name: Parkside Sports and Community Centre, Hoyland  
 Project No: P22-01115  
 Co-ords: 435942.16 - 399772.88  
 Level:  
 Date: 16/12/2022

Location: Land between Sheffield Road and Stead Lane, Hoyland, Barnsley, S74 0AH  
 Dimensions (m): 7.00  
 Scale: 1:25

Client: Barnsley Metropolitan Borough Council  
 Depth: 2.70  
 Logged: YK

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). Occasional fragments of pottery noted.
				1.00			MADE GROUND: Medium brown silty sandy gravelly CLAY with a low cobble content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of mixed lithologies including sandstone, siltstone, mudstone and occasional brick. Cobbles are angular to subangular of sandstone/siltstone up to 150mm across. Whole brick noted.
				2.70			Orangish brown mottled grey silty sandy gravelly CLAY with a moderate cobble content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of sandstone and siltstone. Cobbles are angular to subangular of sandstone/siltstone up to 100mm across. Probably completely weathered bedrock.
				2.70			Brown SILTSTONE/SANDSTONE bedrock. Trial pit extended to the east to identify any potential high wall. In eastern extents of trial pit, opencast backfill material comprising grey cobbles and boulders up to 2.0m across in a sand and gravel matrix identified at a top depth of 1.0mbgl. No high wall identified. End of Pit at 2.70m

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: Clea

# Trial Pit Photos

TP04

Parkside Sports and  
Community Centre, Hoyland

P22-01115



Photograph 28: Trial pit TP04. Eastern face of trial pit, view from the west to the east.



Photograph 29: Trial pit TP04. Western face of the trial pit, view from the west to the east.

# Trial Pit Photos

TP04

Parkside Sports and  
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Photograph 30: Trial pit TP04. Eastern face of the trial pit, view from the south west to the north east.



Photograph 31: Trial pit TP04. Western face of the trial pit, view from the south to the north.

# Trial Pit Photos

TP04

Parkside Sports and  
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Photograph 32: TP04 arisings. (1).



Photograph 33: TP04 arisings. (2).

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Photograph 34: TP04 arisings. (3).



Photograph 35: TP04 arisings. (4).



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# Trial Pit Log

TrialPit No  
 TP05  
 Sheet 1 of 1

Project Name: Parkside Sports and Community Centre, Hoyland  
 Project No. P22-01115  
 Co-ords: 435947.05 - 399782.23  
 Level:  
 Date: 16/12/2022

Location: Land between Sheffield Road and Stead Lane, Hoyland, Barnsley, S74 0AH  
 Dimensions (m): 5.00  
 Scale: 1:25

Client: Barnsley Metropolitan Borough Council  
 Depth: 3.90  
 Logged: YK

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).
				0.80			MADE GROUND: Orangish brown mottled grey silty sandy gravelly CLAY with a moderate cobble content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of mixed lithologies including siltstone, sandstone, mudstone and coal. Cobbles are subangular of sandstone and siltstone. Ceramic pipe fragment noted.
							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. Cobbles and boulders are angular to subangular of sandstone, siltstone and mudstone up to 1.5m across. Potential 'step' of bedrock identified in northern extents of trial pit at a top depth of 3.0mbgl. Bottom depth of opencast fill material not identified.
				3.90			End of Pit at 3.90m

Remarks: Trial pit terminated and backfilled due to unstable trial pit sides as a result of opencast backfilling.

Stability: Unstable due to opencast backfill. Weather: Clear

# Trial Pit Photos

TP05

Parkside Sports and  
Community Centre, Hoyland

P22-01115



Photograph 36: Trial pit TP05. View from the north to the south.



Photograph 37: Trial pit TP05. Eastern face of trial pit, view from the north west to the south east.

# Trial Pit Photos

TP05

Parkside Sports and  
Community Centre, Hoyland

P22-01115



Photograph 38: Trial pit TP05. Western face of trial pit, view from the north east to the south west.



Photograph 39: Trial pit TP05. Stepped bedrock in north of trial pit, view from the south east to the north west.