Project Name:	Proposed Commercial Development.	Drilling method: Rotary Core Drilling.	**RC1**
Site Location:	New House Estate, Chepstow.	Equipment: Klemm.	Sheet 1 of 1
Client:	Bradley Associates.		
Project No:	6283B		

Start date:	20/06/2016	Driller:	APEX.	Ground Level:	11.000 mOD
End date:	21/06/2016	Logged by:	ESP	Easting:	352963 m
Backfill date:	21/06/2016	Date logged:	24/06/2016	Northing:	191175 m

Core Details and SPT Data

Depth (Length)	TCR (%)	SCR (%)	RQD (%)	Frac Index	SPT-N (penetration)

Strata Details

Depth (Thickness)	Description	Legend
(0.40) 0.40	Probably loose to medium dense brownish red sandy fine to coarse angular GRAVEL. (MADE GROUND).	
(0.40) 0.80	Probably loose to medium dense brown sandy fine to coarse angular GRAVEL. (MADE GROUND).	
(0.40) 1.20	CONCRETE. (MADE GROUND).	
(0.50) 1.70	Openhole for 500mm to progress casing and set core barrel. Probably extremely weak red with patches of light bluish grey fine grained MUDSTONE recovered as: firm to stiff red with atches light bluish grey sandy gravelly CLAY. Sand and gravel comprise mudstone lithorelics approximately 2mm to 30mm. (PROBABLE CLASS Dc/Db MERCIA MUDSTONE).	
(0.50) 2.20		
(0.55) 2.75		
(0.75) 3.50		
(0.55) 4.05	Probably weak to medium strong light brownish red and bluish grey thinly to very thinly laminated fine grained MUDSTONE recovered as: probably dense to very dense light brownish red and bluish grey sandy fine to coarse angular MUDSTONE gravel. (Probable CLASS Da/C MERCIA MUDSTONE GROUP).	
(1.60) 5.65		
(0.35) 6.00	NO RECOVERY. Probablke scrubbing.	
(3.20) 9.20	Probably weak to medium strong light brownish red and bluish grey thinly to very thinly laminated fine grained MUDSTONE recovered as: probably dense light brownish red and bluish grey very clayey sandy fine to coarse angular MUDSTONE gravel. (Probable CLASS Da/C MERCIA MUDSTONE GROUP).	
(2.30) 11.50	Probably extremely weak to very weak very thinly to thinly laminated brownish red fine grained MUDSTONE with very weak subangular lithorelics. (Probable CLASS Da/C MERCIA MUDSTONE GROUP).	
	Probably extremely weak to very weak very thinly to thinly laminated brownish red. fine grained MUDSTONE with very weak subangular lithorelics. (Probable CLASS C MERCIA MUDSTONE GROUP).	
	NO RECOVERY. Probablke scrubbing.	
(0.80) 12.30	Probably extremely weak to very weak very thinly to thinly laminated brownish red fine grained MUDSTONE with very weak subangular lithorelics. (Probable CLASS C/B MERCIA MUDSTONE GROUP).	
(0.40) 12.70	Extremely weak red with patches of light bluish grey fine grained MUDSTONE recovered as: firm to stiff red with atches light bluish grey sandy gravelly CLAY. Sand and gravel comprise mudstone lithorelics approximately 2mm to 30mm. (PROBABLE CLASS Dc/Db MERCIA MUDSTONE).	
(2.10) 14.80	NO RECOVERY. Probable scrubbing.	
	Probably weak to medium strong light brownish red and bluish grey thinly to very thinly laminated fine grained MUDSTONE recovered as:	
	Continued next sheet	

Water

Strikes / Standing	Depth	Backfill/ Installations
▽ ▽	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	

Progress & Standing Water Levels

Date	Time	Hole Depth	Casing Depth	Water Depth
21/06/2016	0800	9.30	1.70	1.90

Water Strikes

Date	Time	Strike Depth	Casing Depth	Elapsed minutes	Standing Depth	Depth Sealed
20/06/2016	1100	2.00	1.20	20	2.00	-

Hole and Casing Diameters

Hole Depth	Hole Diameter	Casing Diameter	Casing Depth

General Remarks:

1. Grid reference and ground level approximate only, based on available digital mapping.
2. Trial pitexcavated to 1.2m depth prior to drilling - concrete slab broken out at 0.8m to 1.2m depth.3. C = Core sample collected for point load testing.
4. Groundwater monitoring well installed within borehole on completion.

Project Name:	Proposed Commercial Development.	Drilling method: Rotary Core Drilling.	**RC1**
Site Location:	New House Estate, Chepstow.	Equipment: Klemm.	Sheet 1+ of 1
Client:	Bradley Associates.		
Project No:	6283B		

Start date:	20/06/2016	Driller:	APEX.	Ground Level:	11.000 mOD
End date:	21/06/2016	Logged by:	ESP	Easting:	352963 m
Backfill date:	21/06/2016	Date logged:	24/06/2016	Northing:	191175 m

Core Details and SPT Data

Depth (Length)	TCR (%)	SCR (%)	RQD (%)	Frac Index	SPT-N (penetration)

Strata Details

Depth (Thickness)	Description	Legend
	12.30m - 12.70m : probably dense to very dense light brownish red and bluish grey sandy fine to coarse angular MUDSTONE gravel. (Probable CLASS Da/C MERCIA MUDSTONE GROUP).	
	12.70m - 14.80m : Probably extremely weak to very weak very thinly to thinly laminated brownish red fine grained MUDSTONE with very weak subangular lithorelics. Some subhorizontal and subvertical very closely spaced discontinuities (Probable CLASS C/B MERCIA MUDSTONE GROUP).	
	End of Borehole at 14.80 m	

Water

Strikes / Standing	Depth	Backfill/ Installations

17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Progress & Standing Water Levels

Date	Time	Hole Depth	Casing Depth	Water Depth

Water Strikes

Date	Time	Strike Depth	Casing Depth	Elapsed minutes	Standing Depth	Depth Sealed

Hole and Casing Diameters

Hole Depth	Hole Diameter	Casing Diameter	Casing Depth

General Remarks:

1. Grid reference and ground level approximate only, based on available digital mapping.
2. Trial pitexcavated to 1.2m depth prior to drilling - concrete slab broken out at 0.8m to 1.2m depth.3. C = Core sample collected for point load testing.
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