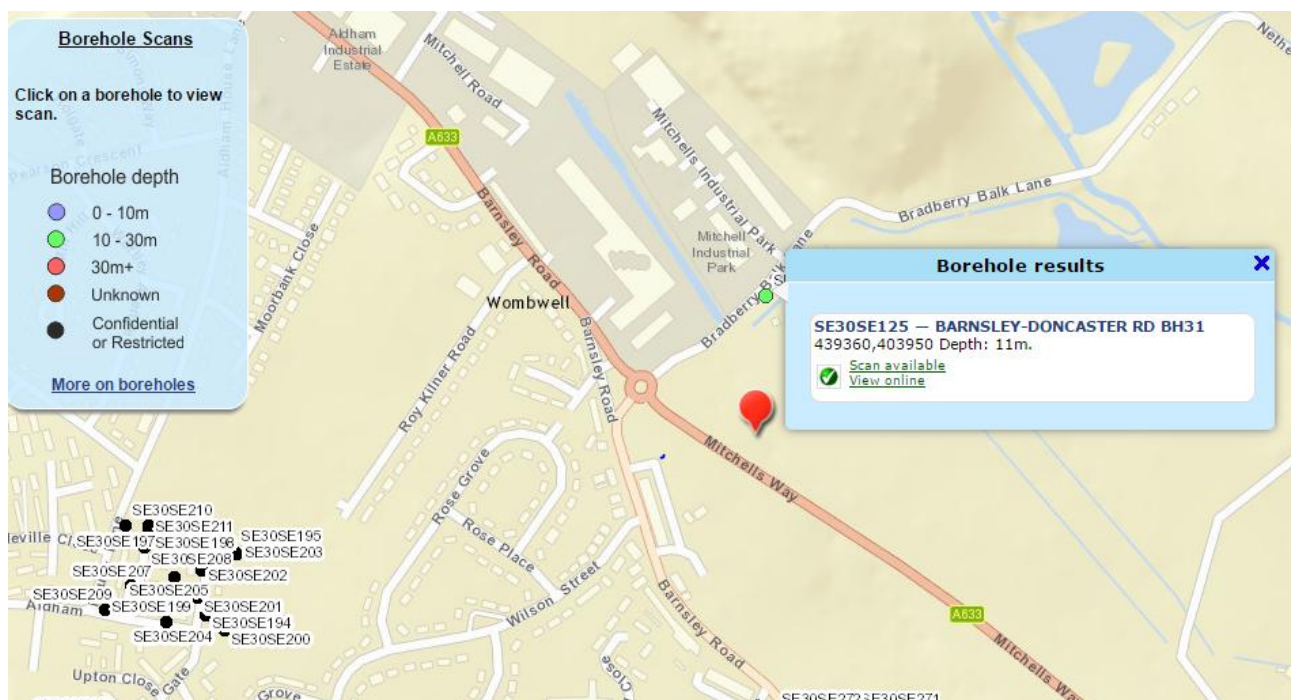


## Appendix E BGS Borehole Data

### Borehole Location Plan



# Flood Risk & Foul Drainage Assessment



## Borehole Log for SE30SE 125



British Geological Survey  
NATIONAL ENVIRONMENT RESEARCH COUNCIL

BGS ID: E4561 : BGS Reference: SE30SE125  
British National Grid (27700) : 439360.403950 [Report an issue with this borehole](#)

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Barnsley - Doncaster

SE30SE/125

BOREHOLE No. AND LOCATION	DEPTH		SOIL DESCRIPTION 2936, 0395	SAMPLES	
	From	To		Depth	Test and Result
Borehole 31 8.8.73.	0	0.25	Grass and topsoil.	0.3- 0.6	n 11
	0.25	0.7	Fill comprising colliery waste, burnt colliery shale, coal ash gravel concrete etc.	0.65	n 16 LL 29 PL 21
	0.7	1.15	Brick rubble	0.7- 1.15	n 8 F 28
	1.05	1.3	Brown clayey sand.		
	1.3	1.7	Firm dark brown and rusty brown sandy carbonstained clay with fragments of mudstone.	1.5- 1.9	n 31 LL 50 PL 31 DD 1350 dU 45 dU 5 PI MV GV
				0-27	0.36 5.5
				27-54	0.38 5.3
				54-107	0.27 6.3
				107-211	0.20 5.5
				1.5- 2.0	n 29 LL 48 FL 28
	1.7	3.8	Firm light brown, rusty brown and grey sandy carbonstained clay with fragments of mudstone and sandstone, becoming a clayey sand below 2.75m.	2.3- 2.75	n 17 LL 24 FL 19 DD 175 dU 10 dU 20
				2.75- 2.85	n 14 LL 21 FL 15
				3.2- 3.65	n 13 LL 20 FL 17 N 23
	3.8	4.1	Dark brown clayey sand with fine subrounded gravel and fragments of sandstone.	3.2- 4.0	n 14
				4.1- 4.55	n 16 P1 100 P2 67 P7 51 P52 29 F200 13
	4.1	5.05	Dark brown medium and coarse grained alluvial sand with fine gravel.	4.8- 5.25	n 13 " 18
				5.2- 6.0	n 16

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# Flood Risk & Foul Drainage Assessment



BGS ID: 84561 : BGS Reference: SE30SE125  
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## Barnsley - Doncaster

SE30SE/125

Borehole No. AND LOCATION	DEPTH		SOIL DESCRIPTION	SAMPLES	
	From	To		Depth	Test and Result
Borehole 31 (cont ....)	5.05	5.2	Dark brown clayey sand with fragments of weathered sandstone.		
				6.0- 6.45	n n 1 2
	5.2	6.7	Dark brown medium and coarse grained alluvial sand with fine to coarse subrounded and subangular gravel, with some clayey bands.	6.7- 7.3	n LL FL 1 2
	6.7	7.3	Brown medium grained sand with fragments of sandstone (heavily weathered sandstone)	7.3- 7.4	n 100 blows for 100mm initial penetration N > 3
	7.3	10.03	Light brown and grey medium grained sandstone, slightly fractured and slightly flaggy.	7.4- 8.275	Core 1 Recovery 1 RQD
				8.275- 9.125	Core 2 Recovery 1 RQD
				9.125- 10.0	Core 3 Recovery 10 RQD
	10.03	10.45	Dark grey firm and carbon stained fractured shaly sandy sandstone.		
	10.45	11.525	Light grey fine grained slightly fractured and slightly flaggy sandstone with veins of carbon-staining, brown in colour between 11.375 and 11.525.	10.0- 11.375	Core 4 Recovery 10 RQD
				10.875- 11.525	Core 5 Recovery 10 RQD
	11.625		End of Borehole.		
			Water level at ground level.		

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