

Mr A. Spiers  
Rouse Homes Limited  
8 Carr Crofts Drive  
Armley  
Leeds  
LS12 3AL

ARP/AJK/GCB/42794/001

**By E-mail Only**

26 July 2018

Dear Andrew,

## **Supplementary Drilling – New Road, Tankersley**

We write in relation to the above site, to formally record the findings of the additional rotary probing exercise undertaken between 4 and 6 July 2018.

### **Previous Investigations**

You have received, via Company Shop, a copy of William Saunders Phase 1 Geo-environmental report (ref. 11502/12, dated December 2016) and our Phase 2 Geotechnical and Geo-environmental site Investigation report (ref. 41492-003, dated November 2017). The findings relating to coal mining are summarised below. The Phase 1 and Phase 2 reports should be read in conjunction with this report:

A Coal Authority mining report was obtained by William Saunders as part of their Phase 1 report. It states that the site is in an area of influence from historical workings in six seams of coal at depths of between 70 m and 300 m, last worked in 1953, and that ground movements associated with these workings should have ceased by now.

A mine entry, an adit, is recorded just north of the site. The site is also in an area where the Coal Authority believe there to be coal at shallow depth, which could potentially have undergone unrecorded working in the past.

Eastwood & Partners reviewed additional information as part of the Phase 2 report to confirm whether the site may be at risk from shallow mining. The Lidget Coal was expected to outcrop immediately west of the site, dipping towards the east. The strata to the west of the site are indicated to dip at between 7 and 9°, meaning that the Lidget Coal was expected to be present at very shallow depth (less than 5 m bgl) below the western end of the site, deepening to a

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depth of up to approximately 20 m bgl below the eastern end of the site. The seam is sometimes worked in this area, and is up to approximately 1.2 m thick.

The next shallowest seam of coal expected beneath the site is the 1.2 m thick Flockton Thick Coal, expected at around 65-70 m below the western edge of the site, deepening eastwards across the site to around 85-90 m bgl. the seam is extensively worked, along with the Tankersley Ironstone which lies just above the coal. The ironstone is around 0.9 m thick. Workings within these seams are therefore not expected to influence surface developments, and these are anticipated to be the workings which the Coal Authority report records at 70 m bgl.

Given the potential risk from unrecorded mine workings within the Lidget Coal at shallow depth, a borehole investigation was carried out as part of the Phase 2 investigation. Ten rotary boreholes were completed around the external areas of the site.

Boreholes in the west of the site recorded a single seam of coal, considered to be the Lidget Coal, from around 2.1 m bgl. The seam deepened towards the east where the coal was encountered from between 8.3 m and 11.5 m. The seam was generally recorded as being between 1.1 m and 1.4 m thick, locally reaching 1.6 m thick in R7 in the north. All coal was found to be intact. All ten rotary boreholes were taken to 30 m depth, with no further coal seams or other workings encountered.

Due to the indicated presence of a mine adit immediately north of the site, workings were anticipated within the Lidget Seam, but the results of the intrusive works suggested that this is not the case. Further enquiries were made with the Coal Authority as to the possible seam that this mine entry may be associated with.

An abandonment plan for the Flockton Thick Coal (Plan Reference NE573) was obtained from the Coal Authority. The plan shows workings within the Flockton Thick coal at a level of 215 ft above Ordnance Datum, and therefore at a depth of around 73 m below the western end of the site, and at around 75 m bgl in the east of the site. The seam is shown to have a total seam thickness of around 53 inches (1.35 m),. At this depth, workings in the Flockton Thick Coal are not considered to present a risk to the proposed development.

The abandonment plan also shows a mine entry in the approximate location of that shown on the mining report and geological map. This is shown to be a drift/adit which has an incline gradient of 1:1, and a length of 100 yards (91 m). It is assumed that this drift serves workings in a deeper seam as well as the Flockton Coal. The drift is indicated to run beneath the north western-most corner of the site, below the north western corner of the main warehouse, and then below the western part of the site. Using the 1:1 incline, the adit would be expected to be

at a depth of around 15 m below ground level below the north west corner, and at around 34 m bgl below the northern boundary in the west of the site. The dimensions of the adit are not known and no details of any treatment (if any) being undertaken are available. No mention of any access into the Lidget seam from the adit or from the other levels within the Flockton Thick seam is made by the abandonment plans.

Based on the findings of the Phase 2 Investigation, the Flockton Thick Coal is at sufficient depth not to influence developments at surface. The Lidget Coal does not appear to have been worked beneath the site, and therefore remedial works are not required for this seam, however, it was recommended that a limited amount of additional investigation is carried out within the footprint of the existing main warehouse building, once this is removed, to rule out any localised extraction of the coal in this area. A row of closely spaced boreholes in the vicinity of the suspected adit was also recommended to confirm if this feature is present at shallow depth below the site.

#### Additional Site Works

We returned to site between 4 and 6 July 2018 to undertake the additional drilling, following the issue of a suitable permit by the Coal Authority.

Four rotary probe holes (RA to RD), all drilled to a depth of 15 m bgl, were positions within the now unoccupied building in order to rule out the possibility of localised shallow working in the Lidget Coal. The remaining boreholes were drilled in rows at 2 m spacing in order to target the possible adit. Nine boreholes (R101 to R109) were drilled to 25 m bgl along the inside of the buildings north-western elevation and a further three boreholes (R111 to R113) were drilled outside, to the west of the building, to a depth of 35 m bgl.

All boreholes encountered a 1.2 m thick band of intact coal consistent with the Lidget Coal from a depth of 7.3 m in the west, deepening to 8.5 m bgl towards the east. A second thin band of coal, approximately 200 mm thick was recorded within Boreholes R101 to R109 and R111 to R113 at depths of between 21.2 m and 21.6 m bgl, typically deepening to the east.

#### Conclusions

No evidence of the adit, nor workings within the Lidget Coal, including voids, broken ground or loss of flush were encountered within any of the boreholes drilled. Therefore the mine entry which potentially runs beneath the north-western corner of the site is either not present, or is at significant depth and will therefore not present a risk to new development. No remedial works are required.



The Lidget Coal does not appear to have been worked beneath the site. Therefore, remedial measures are not required in regards to this seam.

No other seams of coal have been identified below the site within influencing distance of foundations, and therefore no other remedial works are required.

We trust that the above information meets your current requirements. However, please do not hesitate to contact us if you wish to discuss.

Yours sincerely,

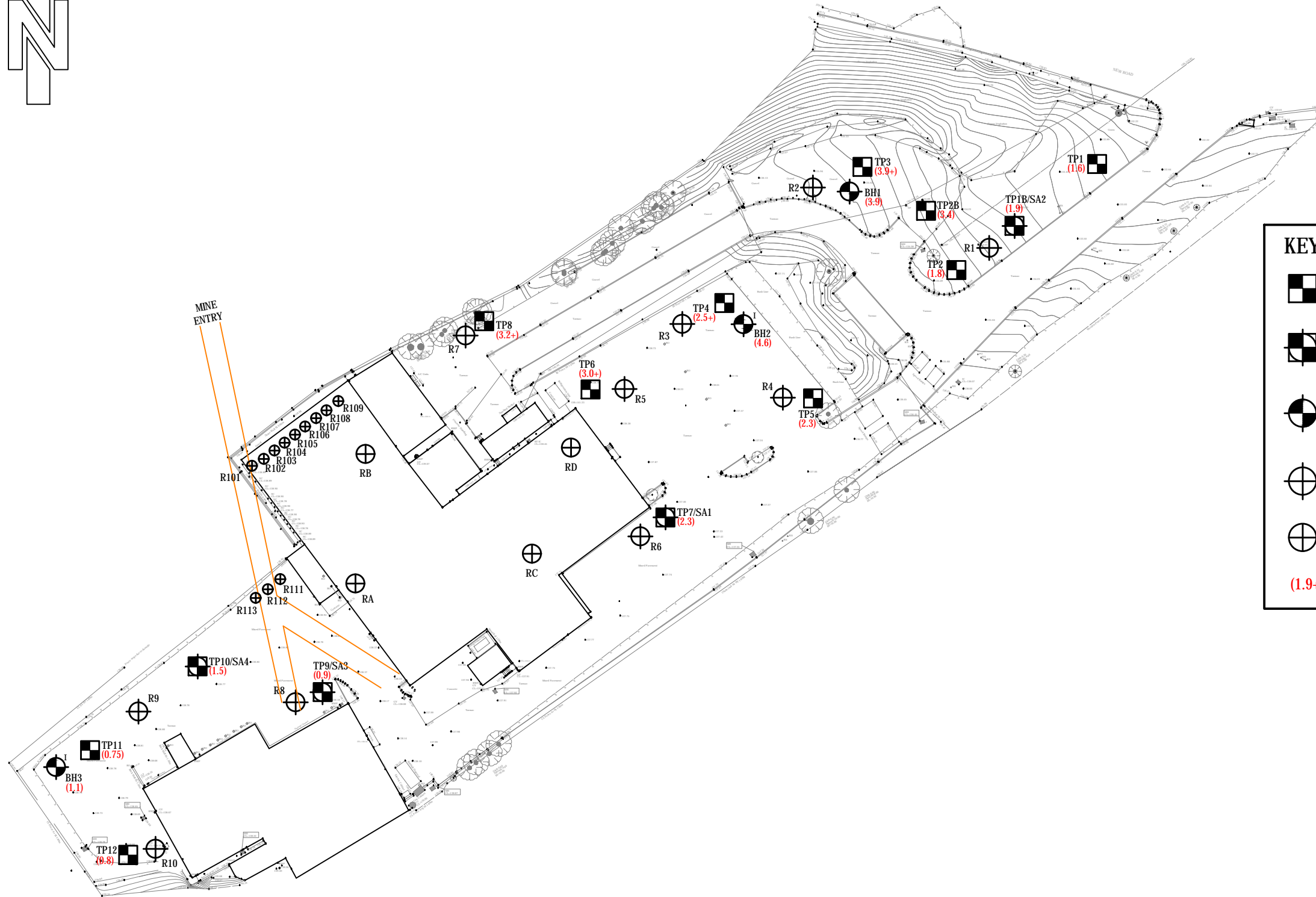
A handwritten signature in blue ink, appearing to be 'A R Priest', with a long horizontal stroke extending to the right.

**A R Priest**

Director

Enc. Exploratory Hole Location Plan  
Borehole Logs

INFORMATION WITHIN THIS DRAWING IS NOT NECESSARILY PRODUCED TO SCALE.  
ALWAYS USE FIGURED DIMENSIONS AND CO-ORDINATES - IF IN DOUBT, ASK.



**KEY:**

- Approximate location of trial pits excavated by Eastwood & Partners between 13 & 14 July 2017.
- Approximate location of trial pit with incorporated soakaway test carried out on 14 July 2017.
- Approximate location of cable percussive borehole drilled by Eastwood & Partners between 14 & 15 July 2017. I Denotes gas monitoring well installed.
- Approximate location of rotary borehole drilled by Eastwood & Partners between 25 & 26 July 2017.
- Approximate location of rotary boreholes drilled by Eastwood & Partners between 04.07.2018 - 06.07.2018.
- (1.9+)** Denotes depth to made ground (m).

**Eastwood & Partners**  
CONSULTING ENGINEERS

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**ROUSE HOMES LIMITED**

**NEW ROAD, TANKERSLEY**

**EXPLORATORY HOLE LOCATION PLAN**

A	First Issue.			
REV	DESCRIPTION	SIG	CHK	DATE
SCALE WHEN PLOTTED AT A3		DRAWING STATUS		
1:750		<b>INFORMATION</b>		
DRAWN	CHECKED	DATE	DRAWING NUMBER	REV
JQ	GCB	19.07.18	42794/001	A

# Borehole Log

Borehole No.

**R101**

Sheet 1 of 1

Project Name: New Road, Tankersley	Project No. 42794	Co-ords: -	Hole Type RO
Location: Barnsley	Level:		Scale 1:200
Client: Rouse Homes Limited (Leeds)	Dates: 04/07/2018 - 04/07/2018		Logged By SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50		MADE GROUND: Concrete. MADE GROUND.		1
					2.00		SANDSTONE / MUDSTONE.		2
									3
									4
									5
									6
					7.50		COAL.		7
					8.70		Grey MUDSTONE.		8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20
					21.60		COAL.		21
					21.80		Grey MUDSTONE.		22
									23
									24
					25.00		End of borehole at 25.00 m		25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks  
Borehole drilled using water flush. Complete at 25 m bgl. Backfilled with arisings and bentonite seal upon completion.

# Borehole Log

Borehole No.

**R102**

Sheet 1 of 1

Project Name: New Road, Tankersley	Project No. 42794	Co-ords: -	Hole Type RO
Location: Barnsley	Level:		Scale 1:200
Client: Rouse Homes Limited (Leeds)	Dates: 05/07/2018 - 05/07/2018		Logged By SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50		MADE GROUND: Concrete. MADE GROUND.	1	
					2.00		SANDSTONE / MUDSTONE.	2	
								3	
								4	
								5	
								6	
					7.50		COAL.	7	
					8.70		Grey MUDSTONE.	8	
								9	
								10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	
								18	
								19	
								20	
					21.20		COAL.	21	
					21.40		Grey MUDSTONE.	22	
								23	
								24	
					25.00		End of borehole at 25.00 m	25	
								26	
								27	
								28	
								29	
								30	
								31	
								32	
								33	
								34	
								35	
								36	
								37	
								38	
								39	
								40	

Remarks  
Borehole drilled using water flush. Complete at 25 m bgl. Backfilled with arisings and bentonite seal upon completion.

# Borehole Log

Borehole No.

**R103**

Sheet 1 of 1

Project Name: New Road, Tankersley	Project No. 42794	Co-ords: -	Hole Type RO
Location: Barnsley	Level:		Scale 1:200
Client: Rouse Homes Limited (Leeds)	Dates: 05/07/2018 - 05/07/2018		Logged By SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50		MADE GROUND: Concrete. MADE GROUND.		1
					2.00		SANDSTONE / MUDSTONE.		2
									3
									4
									5
									6
					7.60		COAL.		7
					8.80		Grey MUDSTONE.		8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20
					21.30		COAL.		21
					21.50		Grey MUDSTONE.		22
									23
									24
					25.00		End of borehole at 25.00 m		25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks  
Borehole drilled using water flush. Complete at 25 m bgl. Backfilled with arisings and bentonite seal upon completion.



# Borehole Log

Borehole No.

**R104**

Sheet 1 of 1

Project Name: New Road, Tankersley	Project No. 42794	Co-ords: -	Hole Type RO
Location: Barnsley	Level:		Scale 1:200
Client: Rouse Homes Limited (Leeds)	Dates: 05/07/2018 - 05/07/2018		Logged By SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50		MADE GROUND: Concrete. MADE GROUND.	1	
					2.00		SANDSTONE / MUDSTONE.	2	
								3	
								4	
								5	
								6	
					7.60		COAL.	7	
					8.80		Grey MUDSTONE.	8	
								9	
								10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	
								18	
								19	
								20	
					21.30		COAL.	21	
					21.50		Grey MUDSTONE.	22	
								23	
								24	
					25.00		End of borehole at 25.00 m	25	
								26	
								27	
								28	
								29	
								30	
								31	
								32	
								33	
								34	
								35	
								36	
								37	
								38	
								39	
								40	

Remarks  
Borehole drilled using water flush. Complete at 25 m bgl. Backfilled with arisings and bentonite seal upon completion.

# Borehole Log

Borehole No.

**R105**

Sheet 1 of 1

Project Name: New Road, Tankersley	Project No. 42794	Co-ords: -	Hole Type RO
Location: Barnsley	Level:		Scale 1:200
Client: Rouse Homes Limited (Leeds)	Dates: 05/07/2018 - 05/07/2018		Logged By SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50		MADE GROUND: Concrete. MADE GROUND.		1
					2.00		SANDSTONE / MUDSTONE.		2
									3
									4
									5
									6
					7.80		COAL.		7
					9.00		Grey MUDSTONE.		8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20
					21.40		COAL.		21
					21.60		Grey MUDSTONE.		22
									23
									24
					25.00		End of borehole at 25.00 m		25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks  
Borehole drilled using water flush. Complete at 25 m bgl. Backfilled with arisings and bentonite seal upon completion.

# Borehole Log

Borehole No.

**R106**

Sheet 1 of 1

Project Name: New Road, Tankersley	Project No. 42794	Co-ords: -	Hole Type RO
Location: Barnsley	Level:		Scale 1:200
Client: Rouse Homes Limited (Leeds)	Dates: 05/07/2018 - 05/07/2018		Logged By SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50		MADE GROUND: Concrete. MADE GROUND.		1
					2.00		SANDSTONE / MUDSTONE.		2
									3
									4
									5
									6
					7.80		COAL.		7
					9.00		Grey MUDSTONE.		8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20
					21.40		COAL.		21
					21.60		Grey MUDSTONE.		22
									23
									24
					25.00		End of borehole at 25.00 m		25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks  
Borehole drilled using water flush. Complete at 25 m bgl. Backfilled with arisings and bentonite seal upon completion.

# Borehole Log

Borehole No.

**R107**

Sheet 1 of 1

Project Name: New Road, Tankersley

Project No.  
42794

Co-ords: -

Hole Type  
RO

Location: Barnsley

Level:

Scale  
1:200

Client: Rouse Homes Limited (Leeds)

Dates: 05/07/2018 - 05/07/2018

Logged By  
SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50		MADE GROUND: Concrete. MADE GROUND.	1	
					2.00		SANDSTONE / MUDSTONE.	2	
								3	
								4	
								5	
								6	
								7	
					7.90		COAL.	8	
					9.10		Grey MUDSTONE.	9	
								10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	
								18	
								19	
								20	
					21.50		COAL.	21	
					21.70		Grey MUDSTONE.	22	
								23	
								24	
					25.00		End of borehole at 25.00 m	25	
								26	
								27	
								28	
								29	
								30	
								31	
								32	
								33	
								34	
								35	
								36	
								37	
								38	
								39	
								40	

Remarks  
Borehole drilled using water flush. Complete at 25 m bgl. Backfilled with arisings and bentonite seal upon completion.

# Borehole Log

Borehole No.

**R108**

Sheet 1 of 1

Project Name: New Road, Tankersley

Project No.  
42794

Co-ords: -

Hole Type  
RO

Location: Barnsley

Level:

Scale  
1:200

Client: Rouse Homes Limited (Leeds)

Dates: 05/07/2018 - 05/07/2018

Logged By  
SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50		MADE GROUND: Concrete. MADE GROUND.	1	
					2.00		SANDSTONE / MUDSTONE.	2	
								3	
								4	
								5	
								6	
								7	
					8.00		COAL.	8	
					9.20		Grey MUDSTONE.	9	
								10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	
								18	
								19	
								20	
					21.60		COAL.	21	
					21.80		Grey MUDSTONE.	22	
								23	
								24	
					25.00		End of borehole at 25.00 m	25	
								26	
								27	
								28	
								29	
								30	
								31	
								32	
								33	
								34	
								35	
								36	
								37	
								38	
								39	
								40	

Remarks  
Borehole drilled using water flush. Complete at 25 m bgl. Backfilled with arisings and bentonite seal upon completion.

# Borehole Log

Borehole No.

**R109**

Sheet 1 of 1

Project Name: New Road, Tankersley

Project No.  
42794

Co-ords: -

Hole Type  
RO

Location: Barnsley

Level:

Scale  
1:200

Client: Rouse Homes Limited (Leeds)

Dates: 06/07/2018 - 06/07/2018

Logged By  
SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50		MADE GROUND: Concrete. MADE GROUND.	1	
					2.00		SANDSTONE / MUDSTONE.	2	
								3	
								4	
								5	
								6	
								7	
					8.00		COAL.	8	
					9.20		Grey MUDSTONE.	9	
								10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	
								18	
								19	
								20	
					21.60		COAL.	21	
					21.80		Grey MUDSTONE.	22	
								23	
								24	
					25.00		End of borehole at 25.00 m	25	
								26	
								27	
								28	
								29	
								30	
								31	
								32	
								33	
								34	
								35	
								36	
								37	
								38	
								39	
								40	

Remarks  
Borehole drilled using water flush. Complete at 25 m bgl. Backfilled with arisings and bentonite seal upon completion.

# Borehole Log

Borehole No.

**R111**

Sheet 1 of 1

Project Name: New Road, Tankersley

Project No.  
42794

Co-ords: -

Hole Type  
RO

Location: Barnsley

Level:

Scale  
1:200

Client: Rouse Homes Limited (Leeds)

Dates: 06/07/2018 - 06/07/2018

Logged By  
SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50		MADE GROUND: Concrete. MADE GROUND.	1	
					2.00		SANDSTONE / MUDSTONE.	2	
								3	
								4	
								5	
								6	
					7.30		COAL.	7	
					8.50		Grey MUDSTONE.	8	
								9	
								10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	
								18	
								19	
								20	
					21.40		COAL.	21	
					21.60		Grey MUDSTONE.	22	
								23	
								24	
								25	
								26	
								27	
								28	
								29	
								30	
								31	
								32	
								33	
								34	
					35.00		End of borehole at 35.00 m	35	
								36	
								37	
								38	
								39	
								40	

Remarks  
Borehole drilled using water flush. Complete at 35 m bgl. Backfilled with arisings and bentonite seal upon completion.

# Borehole Log

Borehole No.

**R112**

Sheet 1 of 1

Project Name: New Road, Tankersley	Project No. 42794	Co-ords: -	Hole Type RO
Location: Barnsley	Level:		Scale 1:200
Client: Rouse Homes Limited (Leeds)	Dates: 06/07/2018 - 06/07/2018		Logged By SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.40		MADE GROUND: Macadam. MADE GROUND.	1	
					1.80		SANDSTONE / MUDSTONE.	2	
								3	
								4	
								5	
					7.30		COAL.	7	
					8.50		Grey MUDSTONE.	8	
								9	
								10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	
								18	
								19	
								20	
					21.40		COAL.	21	
					21.60		Grey MUDSTONE.	22	
								23	
								24	
								25	
								26	
								27	
								28	
								29	
								30	
								31	
								32	
								33	
								34	
					35.00		End of borehole at 35.00 m	35	
								36	
								37	
								38	
								39	
								40	

Remarks  
Borehole drilled using water flush. Complete at 35 m bgl. Backfilled with arisings and bentonite seal upon completion.



# Borehole Log

Borehole No.

**R113**

Sheet 1 of 1

Project Name: New Road, Tankersley	Project No. 42794	Co-ords: -	Hole Type RO
Location: Barnsley	Level:		Scale 1:200
Client: Rouse Homes Limited (Leeds)	Dates: 06/07/2018 - 06/07/2018		Logged By SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.40		MADE GROUND: Macadam. MADE GROUND.	1	
					1.80		Grey MUDSTONE.	2	
								3	
								4	
								5	
								6	
					7.30		COAL.	7	
					8.50		Grey MUDSTONE.	8	
								9	
								10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	
								18	
								19	
								20	
					21.40		COAL.	21	
					21.60		Grey MUDSTONE.	22	
								23	
								24	
								25	
								26	
								27	
								28	
								29	
								30	
								31	
								32	
								33	
								34	
					35.00		End of borehole at 35.00 m	35	
								36	
								37	
								38	
								39	
								40	

Remarks  
Borehole drilled using water flush. Complete at 35 m bgl. Backfilled with arisings and bentonite seal upon completion.

# Borehole Log

Borehole No.

**RA**

Sheet 1 of 1

Project Name: New Road, Tankersley

Project No.  
42794

Co-ords: -

Hole Type  
RO

Location: Barnsley

Level:

Scale  
1:200

Client: Rouse Homes Limited (Leeds)

Dates: 04/07/2018 - 04/07/2018

Logged By  
SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50		MADE GROUND: Concrete. MADE GROUND.	1	
					2.30		SANDSTONE / MUDSTONE.	2	
								3	
								4	
								5	
					7.50		COAL.	6	
					8.70		Grey MUDSTONE.	7	
								8	
								9	
								10	
								11	
								12	
								13	
					15.00		End of borehole at 15.00 m	14	
								15	
								16	
								17	
								18	
								19	
								20	
								21	
								22	
								23	
								24	
								25	
								26	
								27	
								28	
								29	
								30	
								31	
								32	
								33	
								34	
								35	
								36	
								37	
								38	
								39	
								40	

Remarks  
Borehole drilled using water flush. Complete at 15 m bgl. Backfilled with arisings and bentonite seal upon completion.

# Borehole Log

Borehole No.

**RB**

Sheet 1 of 1

Project Name: New Road, Tankersley

Project No.  
42794

Co-ords: -

Hole Type  
RO

Location: Barnsley


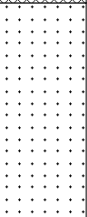


Level:

Scale  
1:200

Client: Rouse Homes Limited (Leeds)

Dates: 04/07/2018 - 04/07/2018

Logged By  
SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50			MADE GROUND: Concrete. MADE GROUND.	1
					2.00			SANDSTONE / MUDSTONE.	2
					7.80			COAL.	8
					9.00			Grey MUDSTONE.	9
					15.00			End of borehole at 15.00 m	15

Remarks  
Borehole drilled using water flush. Complete at 15 m bgl. Backfilled with arisings and bentonite seal upon completion.

# Borehole Log

Borehole No.

**RC**

Sheet 1 of 1

Project Name: New Road, Tankersley	Project No. 42794	Co-ords: -	Hole Type RO
Location: Barnsley	Level:		Scale 1:200
Client: Rouse Homes Limited (Leeds)	Dates: 04/07/2018 - 04/07/2018		Logged By SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30		MADE GROUND: Concrete.		1
					1.00		Void.		2
					2.00		Overburden.		3
							SANDSTONE / MUDSTONE.		4
									5
									6
									7
					8.30		COAL.		8
					9.50		Grey MUDSTONE.		9
									10
									11
									12
									13
									14
					15.00		End of borehole at 15.00 m		15
									16
									17
									18
									19
									20
									21
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									23
									24
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									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks  
Borehole drilled using water flush. Complete at 15 m bgl. Backfilled with arisings and bentonite seal upon completion.

# Borehole Log

Borehole No.

**RD**

Sheet 1 of 1

Project Name: New Road, Tankersley	Project No. 42794	Co-ords: -	Hole Type RO
Location: Barnsley	Level:		Scale 1:200
Client: Rouse Homes Limited (Leeds)	Dates: 04/07/2018 - 04/07/2018		Logged By SDS

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30		MADE GROUND: Concrete.		
					1.00		Void		1
					2.00		Overburden.		2
							SANDSTONE / MUDSTONE.		3
									4
									5
									6
									7
					8.50		COAL.		8
					9.70		Grey MUDSTONE.		9
									10
									11
									12
									13
									14
					15.00		End of borehole at 15.00 m		15
									16
									17
									18
									19
									20
									21
									22
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Remarks  
Borehole drilled using water flush. Complete at 15 m bgl. Backfilled with arisings and bentonite seal upon completion.