



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: C62
 Date: 2/5/14 Client: Gleeson Homes Crew Details: Ryan Edwards
 Sheet: 1 of: 2 Working Day No. Fri Danny Harrold

BH	From	To	Strata Description	BH	From	To	Strata Description
F9	0.00	150	o/s	K9	0.00	150	o/s
	150	18.10	Sandstone-mudstone		150	18.20	Sandstone-mudstone
	18.10	19.60	Coal		18.20	19.70	Broken ground
	19.60	20.60	Sandstone		19.70	20.70	Solid
G9	0.00	150	o/s	K8	0.00	150	o/s
	150	17.80	Sandstone-mudstone		150	17.50	Sandstone-mudstone
	17.80	19.30	Coal		17.50	19.00	Coal
	19.30	20.30	Sandstone		19.00	20.00	Sandstone
H9	0.00	150	o/s	L9	0.00	150	o/s
	150	18.00	Sandstone-mudstone		150	15.60	Sandstone-mudstone
	18.00	19.40	Coal		15.60	17.60	Soft
	19.40	20.40	Sandstone		17.60	18.60	Solid
I9	0.00	150	o/s	L8	0.00	150	o/s
	150	17.80	Sandstone-mudstone		150	17.60	Sandstone-mudstone
	17.80	19.30	Soft		17.60	19.00	Coal
	19.30	20.30	Solid		19.00	20.00	Sandstone
J9	0.00	150	o/s	M9	0.00	150	o/s
	150	18.10	Sandstone-mudstone		150	15.50	Sandstone-mudstone
	18.10	19.50	Coal		15.50	17.00	Soft
	19.50	20.50	Sandstone		17.00	18.00	Solid

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>2/5/14</u>	Previous			
Signed by Client: _____ Date: _____	To Date			



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Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: C62
 Date: 2/5/14 Client: Gleeson homes Crew Details: Ryan Edwards
 Sheet: 2 of: 2 Working Day No. Fri Danny Harrod

BH	From	To	Strata Description	BH	From	To	Strata Description
M8	0.00	15.0	0.3	P9	0.00	15.0	0.3
	15.0	17.40	Sandstone-mudstone		15.0	15.00	Sandstone-mudstone
	17.40	18.80	Coal		15.00	17.30	BROKEN Ground
	18.80	19.80	Sandstone		17.30	18.30	SOLID.
N9	0.00	15.0	0.3	P8	0.00	15.0	0.3
	15.0	16.20	Sandstone-mudstone		15.0	16.30	Sandstone-mudstone
	16.20	17.80	Soft		16.30	17.80	Coal
	17.80	18.80	SOLID.		17.80	18.80	Sandstone
N8	0.00	15.0	0.3	P7	0.00	15.0	0.3
	15.0	16.00	Sandstone-mudstone		15.0	16.20	Sandstone-mudstone
	16.00	18.00	Soft		16.20	17.70	Coal
	18.00	19.00	SOLID.		17.70	18.70	Sandstone
O9	0.00	15.0	0.3	Q9	0.00	15.0	0.3
	15.0	16.60	Sandstone-mudstone		15.0	15.00	Sandstone-mudstone
	16.60	19.10	Coal		15.00	17.00	Soft
	19.10	20.10	Sandstone		17.00	18.00	SOLID.
O8	0.00	15.0	0.3				
	15.0	16.40	Sandstone-mudstone				
	16.40	17.80	Coal				
	17.80	18.80	Sandstone				

Remarks	Totals	Boreholes	Drilled	Cased
		19	369.7	
Signed by Sirius Remediation Ltd (Drilling Division): <u>R. Edwards</u>	Previous	282	5054.6	
Date: <u>2/5/14</u>	To Date	301	5424.3	
Signed by Client:				
Date:				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

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Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: T59
 Date: 02-05-14 Client: Gleeson's Crew Details: J. LEE
 Sheet: 1 of: 2 Working Day No. Friday T. JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
R10	0.0	1.6	Clay	P14	0.0	1.7	Clay
	1.6	13.8	Mudstone		1.7	15	mudstone
	13.8	15.8	Soft		15	16.5	Coal
	15.8	16.8	Mudstone		16.5	17.5	Mudstone
U13	0.0	1.6	Clay	Q11	0.0	1.7	Clay
	1.6	13.2	mudstone		1.7	15	mudstone
	13.2	15.2	Soft		15	17	Soft
	15.2	16.2	mudstone		17	18	Mudstone
T13	0.0	1.6	Clay	Q14	0.0	1.7	Clay
	1.6	13.7	Mudstone		1.7	15	mudstone
	13.7	15.7	Soft		15	16.5	Coal
	15.7	16.7	mudstone		16.5	17.5	mudstone
S13	0.0	1.6	Clay	R14	0.0	1.6	Clay
	1.6	13.7	mudstone		1.6	14.7	mudstone
	13.7	15.5	Soft		14.7	16.5	Soft
	15.5	16.5	mudstone		16.5	17.5	mudstone
R13	0.0	1.6	Clay	S14	0.0	1.6	Clay
	1.6	13.9	mudstone		1.6	14.3	mudstone
	13.9	15.8	Soft		14.3	16.3	Soft
	15.8	16.8	mudstone		16.3	17.3	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): <u>J. Lee</u> Date: <u>02-05-14</u>	Previous			
Signed by Client: _____ Date: _____	To Date			



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB


Tel: 0113 264 9960

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Remediation

Job No. 2544 Contract Name: Goldthorpe. Rig Type: XP
 Date: 6/5/14. Client: Gleasons. Crew Details: D. Gaylor
 Sheet: 1 of 2. Working Day No. Tue. J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
D5	Gr	1.4	Overburden	C6	Gr	1.4	Overburden
	1.4	17.8	Mudstone		1.4	18.00	Mudstone
	17.8	20.2	Soft Ground		18.00	20.00	Soft Ground
	20.2	21.2	Mudstone		20.00	21.00	Mudstone
D6	Gr	1.4	Overburden	B3	Gr	1.4	Overburden
	1.4	18.00	Mudstone		1.4	18.3	Mudstone
	18.00	20.3	Broken Ground		18.3	19.8	Coal
	20.3	21.3	Sand.		19.8	20.8	Mudstone
C3	Gr	1.4	Overburden	B4	Gr	1.4	Overburden
	1.4	18.00	Mudstone		1.4	18.3	Mudstone
	18.00	19.5	Coal		18.3	19.9	Coal
	19.5	20.5	Mudstone		19.9	21.00	Mudstone
C4	Gr	1.4	Overburden	B5	Gr	1.4	Overburden
	1.4	17.9	Mudstone		1.4	18.4	Mudstone
	17.9	19.8	Soft Ground		18.4	20.00	Coal
	19.8	20.8	Mudstone.		20.00	21.00	Mudstone
C5	Gr	1.4	Overburden	B6	Gr	1.4	Overburden
	1.4	18.1	Mudstone		1.4	18.4	Mudstone
	18.1	19.7	Coal		18.4	20.00	Coal
	19.7	20.7	Mudstone		20.00	21.00	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous			
Date: <u>6/5/14.</u>	To Date			
Signed by Client:				
Date:				



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Remediation

Job No. 2546 Contract Name: Goldthorpe. Rig Type: XP-
 Date: 6/5/14 Client: Gleasons Crew Details: D. Gayler
 Sheet: 2 of: 2. Working Day No. Tue J-flint

BH	From	To	Strata Description	BH	From	To	Strata Description
A3	Gr	1.4	Overburden	Au30	Gr	1.5	Overburden
	1.4	18.5	Mudstone		1.5	12.00	Mudstone
	18.5	20.00	Coal		12.00	13.9	Soft Ground
	20.00	21.00	Mudstone.		13.9	15.00	Mudstone
A4	Gr	1.4	Overburden	Au29	Gr	1.5	Overburden
	1.4	18.6	Mudstone		1.5	12.00	Mudstone
	18.6	20.2	Coal		12.00	14.00	Soft Ground
	20.2	21.2	Mudstone		14.00	15.00	Mudstone
A5	Gr	1.4	Overburden	Au28	Gr	1.5	Overburden
	1.4	18.6	Mudstone		1.5	11.9	Mudstone
	18.6	20.1	Coal		11.9	13.7	Soft Ground
	20.1	21.1	Mudstone.		13.7	14.7	Mudstone.
A6	Gr	1.4	Overburden	Au27	Gr	1.5	Overburden
	1.4	18.5	Mudstone		1.5	11.8	Mudstone
	18.5	20.00	Coal		11.8	14.00	Soft Ground
	20.00	21.00	Mudstone.		14.00	15.00	Mudstone.
Au31	Gr	1.5	Overburden				
	1.5	12.00	Mudstone				
	12.00	14.00	Soft Ground				
	14.00	15.00	Mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
		19	368.2	
Signed by Sirius Remediation Ltd (Drilling Division): 		Previous		
Date: <u>6/5/14</u>		To Date		
Signed by Client:				
Date:				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

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Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: T59
 Date: 06-05-14 Client: Gleasons Crew Details: J.LEE
 Sheet: 1 of: 1 Working Day No. Tuesday T.JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
U14	0.0	1.7	Clay	T15	0.0	1.6	Clay
	1.7	13.2	mudstone		1.6	14.7	Mudstone
	13.2	15.3	Soft		14.7	16.3	Coal
	15.3	16.3	mudstone		16.3	17.3	mudstone
P15	0.0	1.7	Clay	U15	0.0	1.5	Clay
	1.7	14.8	mudstone		1.5	14.5	Mudstone
	14.8	16.8	Soft		14.5	16.5	Broken Ground
	16.8	17.8	mudstone		16.5	17.5	Hard Strata
Q15	0.0	1.7	Clay	P16	0.0	1.6	Clay
	1.7	15	mudstone		1.6	15.2	Mudstone
	15	16.6	Coal		15.2	16.6	Coal
	16.6	17.6	mudstone		16.6	17.6	mudstone
R15	0.0	1.6	Clay	Q16	0.0	1.6	Clay
	1.6	15	mudstone		1.6	15	mudstone
	15	16.5	Coal		15	16.5	Coal
	16.5	17.5	mudstone		16.5	17.5	mudstone
S15	0.0	1.6	Clay	R16	0.0	1.5	Clay
	1.6	14.5	mudstone		1.5	14.7	mudstone
	14.5	16.5	Broken Ground		14.7	16.7	Soft
	16.5	17.5	Hard Strata		16.7	17.7	mudstone

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): <u>J. Lee</u> Date: <u>06-05-14</u>	Previous			
Signed by Client: _____ Date: _____	To Date			



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4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

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Remediation

Job No. 2544 Contract Name: Boldthorpe Rig Type: C62
 Date: 6/5/14 Client: Leeson Homes Crew Details: Ryan Edwards
 Sheet: 1 of: 2 Working Day No. Monday Danny Harrod.

BH	From	To	Strata Description	BH	From	To	Strata Description
Q8	0.00	150	0.3	S9	0.00	150	0.3
	150	14.80	Sandstone-mudstone		150	14.90	Sandstone-mudstone
	14.80	17.00	Soft		14.90	17.00	Broken ground
	17.00	18.00	SOLID.		17.00	18.00	SOLID.
Q7	0.00	150	0.3	S8	0.00	150	0.3
	150	15.00	Sandstone-mudstone		150	14.60	Sandstone-mudstone
	15.00	17.10	Soft		14.60	16.60	Broken ground
	17.10	18.10	SOLID.		16.60	17.60	SOLID.
R9	0.00	150	0.3	S7	0.00	150	0.3
	150	14.70	Sandstone-mudstone		150	14.70	Sandstone-mudstone
	14.70	16.20	Soft		14.70	16.70	Soft
	16.20	17.20	SOLID.		16.70	17.70	SOLID.
R8	0.00	150	0.3	T9	0.00	150	0.3
	150	15.00	Sandstone-mudstone		150	14.60	Sandstone-mudstone
	15.00	17.20	Soft		14.60	16.10	Soft
	17.20	18.20	SOLID.		16.10	17.10	SOLID.
R7	0.00	150	0.3	T8	0.00	150	0.3
	150	14.80	Sandstone-mudstone		150	14.70	Sandstone-mudstone
	14.80	16.30	Soft		14.70	16.20	Soft
	16.30	17.30	SOLID.		16.20	17.20	SOLID.

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>R. Edwards</u> Date: <u>6/5/14.</u>	Previous			
Signed by Client: _____ Date: _____	To Date			



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

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Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: C62
 Date: 6/5/14 Client: GLEESON Homes Crew Details: Ryan Edwards
 Sheet: 2 of 2 Working Day No. tuesday Danny Harrod

BH	From	To	Strata Description	BH	From	To	Strata Description
T7	0.00	150	0.3	W12	0.00	150	0.3
	150	14.60	Sandstone-mudstone		150	14.30	Sandstone-mudstone
	14.60	15.80	Soft		14.30	15.30	Soft
	15.80	16.80	SOLID		15.30	16.30	SOLID
U9	0.00	150	0.3				
	150	14.50	Sandstone-mudstone				
	14.50	15.50	Soft				
	15.50	16.50	SOLID				
U8	0.00	150	0.3				
	150	14.60	Sandstone-mudstone				
	14.60	15.60	Soft				
	15.60	16.60	SOLID				
U7	0.00	150	0.3				
	150	14.50	Sandstone-mudstone				
	14.50	16.00	Coal				
	16.00	17.00	Sandstone				
U7A	0.00	150	0.3				
	150	14.40	Sandstone-mudstone				
	14.40	15.80	Soft				
	15.80	16.80	SOLID				

Remarks: <u>Stopped drilling at 15:00 PM fitter started work on Bearings.</u>	Totals	Boreholes	Drilled	Cased
	Today	16	276.4	
	Previous	301	5424.3	
Signed by Sirius Remediation Ltd (Drilling Division): <u>R. Edwards</u>	Date: <u>6/5/14</u>	To Date	317	5700.7
Signed by Client:	Date:			



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

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Remediation

Job No. 2544. Contract Name: Goldthorpe. Rig Type: XP.
 Date: 7/5/14. Client: Gleasons Crew Details: D. Gaylor
 Sheet: 1 of 2. Working Day No. wed J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
W5	GL	1.5	Overburden	U5	GL	1.5	Overburden
	1.5	14.25	Mudstone		1.5	14.2	Mudstone
	14.25	15.6	Coal		14.2	16.2	Soft Ground
	15.6	16.6	Mudstone		16.2	17.2	Mudstone.
W4	GL	1.5	Overburden	U6	GL	1.5	Overburden
	1.5	14.2	Mudstone		1.5	14.4	Mudstone
	14.2	15.8	Coal		14.4	16.25	Coal
	15.8	16.8	Mudstone		16.25	17.25	Mudstone
V5	GL	1.5	Overburden	T6	GL	1.5	Overburden
	1.5	14.3	Mudstone		1.5	14.3	Mudstone
	14.3	15.8	Coal		14.3	16.2	Soft Ground
	15.8	16.8	Mudstone		16.2	17.2	Mudstone.
V4	GL	1.5	Overburden	T5	GL	1.5	Overburden
	1.5	14.3	Mudstone		1.5	14.4	Mudstone
	14.3	15.9	Coal		14.4	16.4	Soft Ground
	15.9	17.25	Mudstone		16.4	17.4	Mudstone.
U4	GL	1.5	Overburden	T4	GL	1.5	Overburden
	1.5	14.1	Mudstone		1.5	14.3	Mudstone
	14.1	16.25	Soft Ground		14.3	16.3	Soft ground
	16.25	17.25	Mudstone.		16.3	17.3	Mudstone.

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division):  Date: <u>7/5/14.</u>	Today			
Signed by Client: _____ Date: _____	Previous			
	To Date			



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: AP
 Date: 7/5/14 Client: Gleasons Crew Details: P. Gayler
 Sheet: 2 of: 2 Working Day No. wed J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
S4	G	1.5	Overburden	R4	G	1.5	Overburden
	1.5	14.5	Mudstone		1.5	14.4	Mudstone
	14.5	16.4	Soft Ground		14.4	16.00	Coar
	16.4	17.4	Mudstone		16.00	17.00	Mudstone.
S5	G	1.5	Overburden	Q4	G	1.5	Overburden
	1.5	14.5	Mudstone		1.5	14.7	Mudstone
	14.5	16.5	Soft Ground		14.7	16.7	Soft Ground
	16.5	17.5	Mudstone.		16.7	17.7	Mudstone.
S6	G	1.5	Overburden	Q5	G	1.5	Overburden
	1.5	14.6	Mudstone		1.5	14.8	Mudstone
	14.6	16.6	Soft Ground		14.8	16.7	Soft Ground
	16.6	17.6	Mudstone.		16.7	17.7	Mudstone
R6	G	1.5	Overburden	Q6	G	1.5	Overburden
	1.5	14.7	Mudstone		1.5	14.9	Mudstone
	14.7	16.3	Soft Ground		14.9	16.8	Soft Ground
	16.3	17.3	Mudstone.		16.8	17.8	Mudstone
R5	G	1.5	Overburden	P6	G	1.5	Overburden
	1.5	14.6	Mudstone		1.5	15.3	Mudstone
	14.6	16.4	Soft Ground		15.3	17.3	Soft Ground
	16.4	17.4	Mudstone.		17.3	18.3	Mudstone.
				P5	G	1.5	Overburden
					1.5	15.2	Mudstone
					15.2	17.1	Soft Ground
					17.1	18.1	mudstone

Remarks	Totals	Boreholes	Drilled	Cased
			21	364.1
Signed by Sirius Remediation Ltd (Drilling Division): <u>[Signature]</u> Date: <u>7/5/14</u>	Previous			
Signed by Client: _____ Date: _____	To Date			



OPENHOLE DRILL LOG

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Remediation

Job No. 254q Contract Name: Goldthorpe Rig Type: T59
 Date: 07-05-14 Client: Gleasons Crew Details: J. LEE
 Sheet: 1 of: 1 Working Day No. Wednesday T. JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
S16	0.0	1.5	Clay	R17	0.0	1.6	Clay
	1.5	13.8	mudstone		1.6	14.9	mudstone
	13.8	16.5	Broken ground		14.9	16.8	soft
	16.5	17.5	Hard strata		16.8	17.8	mudstone
T16	0.0	1.5	Clay	S17	0.0	1.6	Clay
	1.5	14.8	mudstone		1.6	13.6	mudstone
	14.8	16.3	Coal		13.6	16.6	Broken ground
	16.3	17.3	mudstone		16.6	17.6	Hard strata
U16	0.0	1.5	Clay	T17	0.0	1.5	Clay
	1.5	14.6	mudstone		1.5	14.6	mudstone
	14.6	16.5	Soft		14.6	16.2	Coal
	16.5	17.5	mudstone		16.2	17.2	mudstone
P17	0.0	1.7	Clay				
	1.7	14	mudstone				
	14	16.7	Broken ground				
	16.7	17.7	Hard strata				
Q17	0.0	1.7	Clay				
	1.7	15	mudstone				
	15	17	Soft				
	17	18	mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
Ady Coombs Repairing Rig	Today			
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous			
Date: <u>07-05-14</u>	To Date			
Signed by Client: _____				
Date: _____				



OPENHOLE DRILL LOG

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Remediation

Job No. 2544 Contract Name: COLDTHORPE Rig Type: C6
 Date: 7th MAY 2014 Client: GREESEYS Crew Details: R EDWARDS
 Sheet: 1 of: 3 Working Day No. WEDNESDAY M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AE20	Gr	1.5	Overburden	AS20	Gr	1.3	Overburden
	1.5	13.0	Sandstone / Mudstone		1.3	12.0	Sandstone / Mudstone
	13.0	14.7	Silt		12.0	14.0	Silt
	14.7	15.7	Solio		14.0	15.0	Solio
AF20	Gr	1.5	Overburden	AK20	Gr	1.3	Overburden
	1.5	12.8	Sandstone / Mudstone		1.3	12.2	Sandstone / Mudstone
	12.8	14.5	Silt		12.2	13.8	Coal
	14.5	15.5	Solio		13.8	14.8	Mudstone
AG20	Gr	1.6	Overburden	AL20	Gr	1.2	Overburden
	1.6	10.8	Sandstone / Mudstone		1.2	12.0	Sandstone / Mudstone
	10.8	14.2	Silt		12.0	13.6	Silt
	14.2	15.2	Solio		13.6	14.6	Solio
AH20	Gr	1.3	Overburden	AM20	Gr	1.2	Overburden
	1.3	10.5	Sandstone / Mudstone		1.2	11.5	Sandstone / Mudstone
	10.5	14.0	Broken Coal		11.5	13.0	Coal
	14.0	15.0	Solio		13.0	14.0	Mudstone
AI20	Gr	1.3	Overburden	AN20	Gr	1.3	Overburden
	1.3	11.0	Sandstone / Mudstone		1.3	11.4	Sandstone / Mudstone
	11.0	14.0	Silt		11.4	13.0	Coal
	14.0	15.6	Solio		13.0	14.0	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>7/5/14</u>	Previous			
Signed by Client: _____ Date: _____	To Date			



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: GOLDTHORPE Rig Type: C6
 Date: 7th May 2014 Client: CREESONS Crew Details: R EDWARDS
 Sheet: 2 of: 3 Working Day No. WEDNESDAY M Green

BH	From	To	Strata Description	BH	From	To	Strata Description		
A020	Gr	1.2	Overburden	AE14	Gr	1.4	Overburden		
		1.2	9.7		Sandstone / Mudstone		1.4	12.0	Sandstone / Mudstone
		9.7	12.8		Soft		12.0	13.6	Coal
		12.8	13.8		Solio		13.6	14.6	Mudstone
AE18	Gr	1.4	Overburden	AE13	Gr	1.3	Overburden		
		1.4	11.7		Sandstone / Mudstone		1.3	12.0	Sandstone / Mudstone
		11.7	14.0		Broken Ground		12.0	13.6	Soft
		14.0	15.0		Solio		13.6	14.6	Solio
AE17	Gr	1.3	Overburden	AE12	Gr	1.4	Overburden		
		1.3	12.0		Sandstone / Mudstone		1.4	11.2	Sandstone / Mudstone
		12.0	14.0		Broken Ground		11.2	13.6	Broken Ground
		14.0	15.0		Solio		13.6	14.6	Solio
AE16	Gr	1.4	Overburden	AE11	Gr	1.4	Overburden		
		1.4	11.7		Sandstone / Mudstone		1.4	11.8	Sandstone / Mudstone
		11.7	13.8		Broken Ground		11.8	13.5	Soft
		13.8	14.8		Solio		13.5	14.5	Solio
AE15	Gr	1.5	Overburden	AE10	Gr	1.3	Overburden		
		1.5	12.0		Sandstone / Mudstone		1.3	11.5	Sandstone / Mudstone
		12.0	13.6		Soft		11.5	13.5	Broken Ground
		13.6	14.6		Solio		13.5	14.5	Solio

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>7/5/14</u>				
Signed by Client: _____ Date: _____				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: GOLDHORPE Rig Type: CG
 Date: 7th May 2014 Client: CREESEONS Crew Details: R EDWARDS
 Sheet: 3 of: 3 Working Day No.: WEDNESDAY M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AE9	GL	1.3	Overburden				
	1.3	11.6	Sandstone / Mudstone				
	11.6	13.5	BROKEN CROWN				
	13.5	14.5	SOLID				
AE8	GL	1.3	Overburden				
	1.3	12.0	Sandstone / Mudstone				
	12.0	13.6	Soft				
	13.6	14.6	SOLID				
AF8	GL	1.4	Overburden				
	1.4	11.6	Sandstone / Mudstone				
	11.6	13.5	Soft				
	13.5	14.5	Mudstone				
AF9	GL	1.3	Overburden				
	1.3	11.5	Sandstone / Mudstone				
	11.5	13.5	Soft				
	13.5	14.5	SOLID				
AF10	GL	1.2	Overburden				
	1.2	11.4	Sandstone / Mudstone				
	11.4	13.5	BROKEN CROWN				
	13.5	14.5	SOLID				

Remarks	Totals	Boreholes	Drilled	Cased
		25	367.4	
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>7/5/14</u>	Previous	133	2008.7	
Signed by Client: _____ Date: _____	To Date	158	2375.1	



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: C62
 Date: 7/5/14 Client: Gleeson Homes Crew Details: Ryan Edwards
 Sheet: 1 of: 2 Working Day No. WED Danny Hawrod.

BH	From	To	Strata Description	BH	From	To	Strata Description
X12	0.00	1.50	oB	AC12	0.00	1.50	oB
	1.50	14.00	Sandstone-mudstone		1.50	12.80	Sandstone-mudstone
	14.00	15.20	Soft		12.80	14.30	Coal
	15.20	16.20	SOLID		14.30	15.30	Sandstone
Y12	0.00	1.50	oB	AD12	0.00	1.50	oB
	1.50	13.80	Sandstone-mudstone		1.50	12.50	Sandstone-mudstone
	13.80	15.30	Soft		12.50	14.00	Coal
	15.30	16.30	SOLID		14.00	15.00	Sandstone
Z12	0.00	1.50	oB	AD11	0.00	1.50	oB
	1.50	13.50	Sandstone-mudstone		1.50	12.60	Sandstone-mudstone
	13.50	15.00	Soft		12.60	14.10	Coal
	15.00	16.00	SOLID		14.10	15.10	Sandstone
AA12	0.00	1.50	oB	AD10	0.00	1.50	oB
	1.50	13.30	Sandstone-mudstone		1.50	13.10	Sandstone-mudstone
	13.30	14.80	Broken Ground		13.10	14.60	Broken Ground
	14.80	15.80	SOLID		14.60	15.60	SOLID
AB12	0.00	1.50	oB	AD9	0.00	1.20	oB
	1.50	13.00	Sandstone-mudstone		1.20	13.50	Soft Push Pass shaft
	13.00	14.00	Soft		13.50	14.50	SOLID
	14.00	15.00	SOLID				
				AD9 - hole in front			
					0.00	1.20	oB
					1.20	13.50	Soft Push Pass shaft
					13.50	14.50	SOLID

Remarks Fitter finished work on Bearings at 12.00 - started drilling at 13.00 PM	Totals	Boreholes	Drilled	Cased
	Today			
	Previous			
	To Date			
Signed by Sirius Remediation Ltd (Drilling Division): <u>R. Edwards</u>	Date:	<u>7/5/14</u>		
Signed by Client:	Date:			



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: C62
 Date: 7/5/14 Client: Gleeson Homes Crew Details: Ryan Edwards
 Sheet: 2 of 2 Working Day No. WED Danny Harrod.

BH	From	To	Strata Description	BH	From	To	Strata Description
AD9 hole at back.							
	0.00	120	OBS				
	1.20	13.50	Soft Push Pass Shaft				
	13.50	14.50	SOLID.				
AD9 hole to left.							
	0.00	120	OBS				
	120	13.50	Soft Push Pass Shaft.				
	13.50	14.50	SOLID.				
AD9 hole to right.							
	0.00	120	OBS				
	120	13.50	Soft Push Pass Shaft				
	13.50	14.50	SOLID.				

Remarks	Totals	Boreholes	Drilled	Cased
	Today	14	212.8	
Signed by Sirius Remediation Ltd (Drilling Division): <u>R. Edwards</u> Date: <u>7/5/14</u>	Previous	317	5700.7	
Signed by Client: _____ Date: _____	To Date	331	5913.5	



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: GOLDTHORPE Rig Type: CG
 Date: 8th MAY 2014 Client: GREENSONS Crew Details: R EDWARDS
 Sheet: 1 of: 3 Working Day No. THURSDAY M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AF11	Gr	1.5	Overburden	AF16	Gr	1.6	Overburden
	1.5	11.5	Sandstone / Mudstone		1.6	10.8	Sandstone / Mudstone
	11.5	13.5	Soft		10.8	13.5	Soft
	13.5	14.5	Mudstone		13.5	14.5	Solid
AF12	Gr	1.4	Overburden	AF17	Gr	1.5	Overburden
	1.4	11.0	Sandstone / Mudstone		1.5	10.5	Sandstone / Mudstone
	11.0	13.5	Broken Ground		10.5	13.7	Broken Ground
	13.5	14.5	Solid		13.7	14.7	Solid
AF13	Gr	1.3	Overburden	AF18	Gr	1.4	Overburden
	1.3	11.0	Sandstone / Mudstone		1.4	11.0	Sandstone / Mudstone
	11.0	13.7	Soft		11.0	13.8	Broken Ground
	13.7	14.7	Solid		13.8	14.8	Solid
AF14	Gr	1.4	Overburden	AF13D	Gr	8.7	Soft Push
	1.4	10.5	Sandstone / Mudstone		8.7	12.5	Solid
	10.5	13.5	Broken Ground		12.5	14.0	Soft
	13.5	14.5	Solid		14.0	15.0	Solid
AF15	Gr	1.5	Overburden	Am23c	Gr	1.5	Overburden
	1.5	11.0	Sandstone / Mudstone		1.5	6.0	Sandstone / Mudstone
	11.0	13.5	Broken Ground				
	13.5	14.5	Solid				
				Am23d	Gr	1.5	Overburden
					1.5	6.0	Sandstone / Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>8/5/14</u>				
Signed by Client: _____ Date: _____				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: GOLDTHORPE Rig Type: C6
 Date: 8th MAY 2014 Client: CREESONS Crew Details: R EDWARDS
 Sheet: 2 of: 3 Working Day No. THURSDAY M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AG13	GL	1.4	Overburden	AG13	GL	1.4	Overburden
	1.4	12.0	Sandstone / Mudstone		1.4	12.0	Sandstone / Mudstone
	12.0	13.7	Broken Ground		12.0	13.5	Soft
	13.7	14.7	Solio		13.5	14.5	Mudstone
AG17	GL	1.4	Overburden	AG12	GL	1.5	Overburden
	1.4	11.5	Sandstone / Mudstone		1.5	11.3	Sandstone / Mudstone
	11.5	13.7	Broken Ground		11.3	13.4	Soft
	13.7	14.7	Solio		13.4	14.4	Solio
AG16	GL	1.4	Overburden	AG11	GL	1.4	Overburden
	1.4	12.0	Sandstone / Mudstone		1.4	11.0	Sandstone / Mudstone
	12.0	13.6	Coal		11.0	13.4	Soft
	13.6	14.6	Mudstone		13.4	14.4	Solio
AG15	GL	1.3	Overburden	AG10	GL	1.4	Overburden
	1.3	11.2	Sandstone / Mudstone		1.4	11.8	Sandstone / Mudstone
	11.2	13.6	Soft		11.8	13.2	Coal
	13.6	14.6	Solio		13.2	14.2	Mudstone
AG14	GL	1.5	Overburden	AG9	GL	1.3	Overburden
	1.5	11.5	Sandstone / Mudstone		1.3	11.6	Sandstone / Mudstone
	11.5	13.5	Soft		11.6	13.2	Soft
	13.5	14.5	Solio		13.2	14.2	Solio

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): _____ Date: _____	Previous			
Signed by Client: _____ Date: _____	To Date			



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: GOLDTHORPE Rig Type: CG
 Date: 8th MAY 2014 Client: CRESSON Crew Details: R EDWARDS
 Sheet: 3 of: 3 Working Day No. THURSDAY M GREEN

BH	From	To	Strata Description	BH	From	To	Strata Description
AG8	Gr	1.4	Overburden				
	1.4	9.8	Sandstone / Mudstone				
	9.8	13.2	BROKEN Ground				
	13.2	14.2	Solio				
AH8	Gr	1.4	Overburden				
	1.4	10.0	Sandstone / Mudstone				
	10.0	13.0	Soft				
	13.0	14.0	Solio				
AH9	Gr	1.5	Overburden				
	1.5	9.8	Sandstone / Mudstone				
	9.8	13.0	Soft				
	13.0	14.0	Solio				
AH10	Gr	1.4	Overburden				
	1.4	11.5	Sandstone / Mudstone				
	11.5	13.0	Coal				
	13.0	14.0	Mudstone				
AH11	Gr	1.5	Overburden				
	1.5	11.0	Sandstone / Mudstone				
	11.0	13.2	Soft				
	13.2	14.2	Solio				

Remarks	Totals	Boreholes	Drilled	Cased
		26	358.9	
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>8/5/14</u>	Previous	158	2375.1	
Signed by Client: _____ Date: _____	To Date	184	2734.0	



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: XP
 Date: 8/5/14 Client: Gleasons Crew Details: D. Gayle
 Sheet: 1 of: 2 Working Day No. Thurs. J-flint

BH	From	To	Strata Description	BH	From	To	Strata Description
P4	GL	1.5	Overburden	N6	GL	1.5	Overburden
	1.5	15.00	Mudstone		1.5	16.00	Mudstone
	15.00	17.00	Soft Ground		16.00	18.00	Soft Ground
	17.00	18.00	Mudstone		18.00	19.00	Mudstone.
O5	GL	1.5	Overburden	N5	GL	1.5	Overburden
	1.5	15.5	Mudstone		1.5	15.8	Mudstone
	15.5	17.4	Soft Ground		15.8	17.8	Soft Ground
	17.4	18.4	Mudstone.		17.8	18.8	Mudstone.
O6	GL	1.5	Overburden	N4	GL	1.5	Overburden
	1.5	15.7	Mudstone		1.5	15.9	Mudstone
	15.7	17.7	Soft Ground		15.9	17.8	Soft Ground
	17.7	18.7	Mudstone.		17.8	18.8	Mudstone
O7	GL	1.5	Overburden	M4	GL	1.5	Overburden
	1.5	16.00	Mudstone		1.5	16.00	Mudstone
	16.00	17.5	Coal		16.00	18.00	Soft Ground
	17.5	18.5	Mudstone		18.00	19.00	Mudstone.
N7	GL	1.5	Overburden	M5	GL	1.5	Overburden
	1.5	16.00	Mudstone		1.5	16.1	Mudstone
	16.00	18.00	Soft Ground		16.1	18.00	Soft Ground
	18.00	19.00	Mudstone.		18.00	19.00	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division):		Date: <u>8/5/14</u>	Previous	
Signed by Client:		Date:	To Date	



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: XP
 Date: 8/5/14 Client: Gleasons Crew Details: D. Gaylor
 Sheet: 2 of: 2 Working Day No. Thur J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
M6	Gr	1.5	Overburden	K6	Gr	1.5	Overburden
	1.5	16.2	Mudstone		1.5	17.0	Mudstone
	16.2	18.1	Soft Ground		17.0	18.9	Soft Ground
	18.1	19.1	Mudstone.		18.9	20.0	Mudstone.
M7	Gr	1.5	Overburden	J7	Gr	1.5	Overburden
	1.5	16.6	Mudstone		1.5	17.5	Mudstone
	16.6	18.6	Soft Ground		17.5	19.3	Broken Ground
	18.6	19.6	Mudstone		19.3	20.3	Soils
L6	Gr	1.5	Overburden	J6	Gr	1.5	Overburden
	1.5	16.7	Mudstone		1.5	17.3	Mudstone
	16.7	18.6	Soft Ground		17.3	19.1	Soft Ground
	18.6	19.6	Mudstone.		19.1	20.1	Mudstone.
L7	Gr	1.5	Overburden	I6	Gr	1.5	Overburden
	1.5	17.1	Mudstone.		1.5	17.6	Mudstone
	17.1	18.6	Coal		17.6	19.1	Coal
	18.6	19.6	Mudstone		19.1	20.1	Mudstone.
K7	Gr	1.5	Overburden				
	1.5	17.2	Mudstone				
	17.2	19.0	Soft Ground				
	19.0	20.0	Mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
	Today	19	36506.	
Signed by Sirius Remediation Ltd (Drilling Division): <u>[Signature]</u> Date: <u>8/5/14</u>	Previous			
Signed by Client: _____ Date: _____	To Date			



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB


Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No: 2544 Contract Name: COLOTHORPE Rig Type: C6(2)
 Date: 8/5/14 Client: GLEESON HOMES. Crew Details: R. EDWARDS
 Sheet: 1 of: 3 Working Day No: THURS D. MURROD

BH	From	To	Strata Description	BH	From	To	Strata Description
AD8	0.00	1.50	OB	AD17	0.00	1.50	OB
	1.50	13.40	SANDSTONE-MUDSTONE		1.50	13.00	SANDSTONE-MUDSTONE
	13.40	14.40	SOFT		13.00	14.50	COAL
	14.40	15.40	SOLID		14.50	15.50	SANDSTONE
AD13	0.00	1.50	OB	AD18	0.00	1.50	OB.
	1.50	13.10	SANDSTONE-MUDSTONE		1.50	13.30	SANDSTONE-MUDSTONE
	13.10	14.10	SOFT		13.30	14.80	COAL.
	14.10	15.10	SOLID		14.80	15.80	SANDSTONE.
AD14	0.00	1.50	OB	AC18	0.00	1.50	OB.
	1.50	13.20	SANDSTONE-MUDSTONE		1.50	13.20	SANDSTONE-MUDSTONE
	13.20	14.20	SOFT		13.20	14.70	SOFT
	14.20	15.20	SOLID		14.70	15.70	SOLID.
AD15	0.00	1.50	OB	AC17	0.00	1.50	OB.
	1.50	12.90	SANDSTONE-MUDSTONE		1.50	13.00	SANDSTONE-MUDSTONE
	12.90	14.30	BROKEN GROUND		13.00	14.50	BROKEN GROUND
	14.30	15.30	SOLID		14.50	15.50.	SOLID.
AD16	0.00	1.50	OB	AC16	0.00	1.50	OB.
	1.50	12.70	SANDSTONE-MUDSTONE		1.50	12.90	SANDSTONE-MUDSTONE
	12.70	14.20	BROKEN GROUND		12.90	14.50	BROKEN GROUND
	14.20	15.20	SOLID		14.50	15.50	SOLID

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous			
Date: <u>8/5/14.</u>	To Date			
Signed by Client: _____				
Date: _____				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

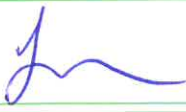
Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: COLDTHORPE Rig Type: C6(2)
 Date: 8/5/14 Client: GLEESON HOMES Crew Details: R. EDWARDS
 Sheet: 2 of: 3 Working Day No. THURS. D. HARRIS

BH	From	To	Strata Description	BH	From	To	Strata Description
AC15	0.00	1.50	OB	AC8	0.00	1.50	OB
	1.50	13.20	SANDSTONE-MUDSTONE		1.50	12.00	SANDSTONE-MUDSTONE
	13.20	14.70	SOFT		12.00	14.00	SOFT
	14.70	15.70	SOLID.		14.00	15.00	SOLID
AC14	0.00	1.50	OB	AB8	0.00	1.50	OB
	1.50	12.80	SANDSTONE-MUDSTONE		1.50	12.30	SANDSTONE-MUDSTONE
	12.80	14.30	SOFT		12.30	13.80	COAL
	14.30	15.30	SOLID		13.80	14.80	SANDSTONE.
AC11	0.00	1.50	OB	AB9	0.00	1.50	OB
	1.50	12.60	SANDSTONE-MUDSTONE		1.50	12.50	SANDSTONE-MUDSTONE
	12.60	14.10	SOFT		12.50	14.00	COAL.
	14.10	15.10	SOLID		14.00	15.00	SANDSTONE
AC10	0.00	1.50	OB	AB10	0.00	1.50	OB
	1.50	12.50	SANDSTONE-MUDSTONE		1.50	12.60	SANDSTONE-MUDSTONE
	12.50	14.00	SOFT		12.60	14.60	BROKEN GROUND
	14.00	15.00	SOLID		14.60	15.60	SOLID
AC9	0.00	1.50	OB	AB11	0.00	1.50	OB
	1.50	12.50	SANDSTONE-MUDSTONE		1.50	12.30	SANDSTONE-MUDSTONE
	12.50	14.50	BROKEN GROUND		12.30	14.40	BROKEN GROUND
	14.50	15.50	SOLID.		14.40	15.40	SOLID.

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): 				
Date: <u>8/5/14</u>				
Signed by Client:				
Date:				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

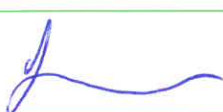
Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: GOLDTHORPE Rig Type: C6(2)
 Date: 8/5/14 Client: GLEESON HOMES. Crew Details: R. EDWARDS
 Sheet: 3 of 3 Working Day No. THURS D. WARRD.

BH	From	To	Strata Description	BH	From	To	Strata Description
AB15	0.00	1.50	OB				
	1.50	12.40	SANDSTONE-MUDSTONE				
	12.40	13.90	SOFT				
	13.90	14.90	SOLID.				
AB16	0.00	1.50	OB				
	1.50	12.50	SANDSTONE-MUDSTONE				
	12.50	14.00	SOFT				
	14.00	15.00	SOLID				
AB17	0.00	1.50	OB				
	1.50	12.60	SANDSTONE-MUDSTONE				
	12.60	14.60	BROKEN (GROUND)				
	14.60	15.60	SOLID.				
AB18	0.00	1.50	OB				
	1.50	12.80	SANDSTONE-MUDSTONE				
	12.80	14.60	SOFT				
	14.60	15.60	SOLID.				

Remarks	Totals	Boreholes	Drilled	Cased
		24	367.70	—
Signed by Sirius Remediation Ltd (Drilling Division): 	Date: <u>8/5/14.</u>	Previous 331	5912.5	—
Signed by Client:	Date:	To Date 355	6281.10	—



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: Goldknape Rig Type: T59
 Date: 08-05-14 Client: Gleasons Crew Details: J. LEE
 Sheet: 1 of: 1 Working Day No. Thursday T. JERSON

BH	From	To	Strata Description	BH	From	To	Strata Description
U17	0.0	1.6	Clay	T18	0.0	1.5	Clay
	1.6	14.5	mudstone		1.5	14.6	Mudstone
	14.5	16.5	Soft		14.6	16.1	Coal
	16.5	17.5	mudstone		16.1	17.1	mudstone
P18	0.0	1.7	Clay	U18	0.0	1.5	Clay
	1.7	14.3	mudstone		1.5	14.6	Mudstone
	14.3	16.3	Soft		14.6	16.1	Coal
	16.3	17.3	mudstone		16.1	17.1	Mudstone
Q18	0.0	1.6	Clay	V18	0.0	1.5	Clay
	1.6	14.5	mudstone		1.5	14	mudstone
	14.5	16	Coal		14	16	Soft
	16	17	mudstone		16	17	Mudstone
R18	0.0	1.6	Clay	V17	0.0	1.5	Clay
	1.6	14.6	Mudstone		1.5	14.3	Mudstone
	14.6	16.2	Coal		14.3	16.3	Soft
	16.2	17.2	mudstone		16.3	17.3	Mudstone
S18	0.0	1.6	Clay	V16	0.0	1.5	Clay
	1.6	14.4	mudstone		1.5	14.3	Mudstone
	14.4	16.5	Soft		14.3	16.1	Soft
	16.5	17.5	mudstone		16.1	17.1	mudstone

Remarks	Totals	Boreholes	Drilled	Cased
fan belt snapped Adv 2hrs Repairing	Today			
Signed by Sirius Remediation Ltd (Drilling Division):	Previous			
Date: <u>08-05-14</u>	To Date			
Signed by Client: _____				
Date: _____				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2564 Contract Name: Goldthorpe Rig Type: XP
 Date: 9/5/16 Client: Gleasons Crew Details: D. Gayler
 Sheet: 1 of: 2 Working Day No. fri J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
I7	G	1.5	Overburden	G8	G	1.5	Overburden
	1.5	17.6	Mudstone		1.5	18.2	Mudstone
	17.6	19.4	Soft Ground		18.2	19.7	Coal
	19.4	20.4	Mudstone		19.7	20.7	Mudstone.
I8	G	1.5	Overburden	G7	G	1.5	Overburden
	1.5	17.7	Mudstone		1.5	17.9	Mudstone
	17.7	19.5	Soft Ground		17.9	19.9	Soft Ground
	19.5	20.5	Mudstone.		19.9	20.5	Mudstone
H8	G	1.5	Overburden	F7	G	1.5	Overburden
	1.5	18.00	Mudstone		1.5	17.8	Mudstone
	18.00	19.8	Soft Ground		17.8	19.8	Soft Ground
	19.8	20.8	Mudstone.		19.8	20.8	Mudstone.
H7	G	1.5	Overburden	F8	G	1.5	Overburden
	1.5	17.7	Mudstone		1.5	18.00	Mudstone
	17.7	19.6	Soft Ground		18.00	19.5	Coal
	19.6	20.6	Mudstone		19.5	20.5	Mudstone
H6	G	1.5	Overburden	E8	G	1.5	Overburden
	1.5	17.5	Mudstone.		1.5	17.8	Mudstone
	17.5	19.4	Soft Ground		17.8	19.8	Soft Ground
	19.4	20.4	Mudstone		19.8	20.8	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division):	Previous			
Signed by Client:	To Date			

[Signature] Date: 9/5/16



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB


Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: XP
 Date: 9/5/14 Client: Gleasons Crew Details: D. Gaylor
 Sheet: 2 of 2 Working Day No. 62 J. Lint

BH	From	To	Strata Description	BH	From	To	Strata Description
E7	6.2	1.5	Overburden	B9	6.2	15.0	Overburden
	1.5	17.8	Mudstone		1.50	18.2	Mudstone
	17.8	19.7	Soft Ground		18.2	19.7	Coal
	19.7	20.7	Mudstone		19.7	20.7	Mudstone
D7	6.2	1.5	Overburden	B8	6.2	1.5	Overburden
	1.5	18.00	Mudstone		1.5	18.00	Mudstone
	18.00	20.00	Soft Ground		18.00	20.00	Soft Ground
	20.00	21.00	Mudstone.		20.00	21.00	Mudstone
D8	6.2	1.5	Overburden				
	1.5	18.00	Mudstone				
	18.00	20.00	Soft Ground				
	20.00	21.00	Mudstone.				
C8	6.2	1.5	Overburden				
	1.5	18.2	Mudstone				
	18.2	20.00	Soft Ground				
	20.00	21.00	Mudstone.				
C7	6.2	1.5	Overburden				
	1.5	18.1	Mudstone				
	18.1	20.00	Soft Ground				
	20.00	21.00	Mudstone.				

Remarks	Totals	Boreholes	Drilled	Cased
		17	3529	
Signed by Sirius Remediation Ltd (Drilling Division):  Date: <u>9/5/14</u>	Previous			
Signed by Client: _____ Date: _____	To Date			



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB


Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2564 Contract Name: GOODTHORPE Rig Type: T59
 Date: 09/05/14 Client: GILSON Crew Details: I BASSANO
 Sheet: 1 of: 2 Working Day No. Friday A-Exhibit

BH	From	To	Strata Description	BH	From	To	Strata Description
Z16	GL	1.50	CLAY/FILL	V15	GL	1.50	CLAY/FILL
	1.50	13.20	MUDSTONE/SANDSTONE		1.50	13.60	MUDSTONE/SANDSTONE
	13.20	14.80	SOFT COAL		13.60	14.80	SOFT COAL
	14.80	15.80	MUDSTONE		14.80	15.80	MUDSTONE
A16	GL	1.50	CLAY/FILL	W15	GL	1.60	CLAY/FILL
	1.50	13.20	MUDSTONE/SANDSTONE		1.60	13.20	MUDSTONE/SANDSTONE
	13.20	14.70	SOFT COAL		13.20	15.30	SOFT PUSH NO RETURNS
	14.70	15.70	MUDSTONE		15.30	16.30	HARD STRATA NO RETURNS
Y16	GL	1.50	CLAY/FILL	X15	GL	1.50	CLAY/FILL
	1.50	13.80	MUDSTONE/SANDSTONE		1.50	13.00	MUDSTONE/SANDSTONE
	13.80	14.70	COAL		13.00	14.20	SOFT PUSH NO RETURNS
	14.70	15.70	MUDSTONE		14.20	15.20	HARD STRATA NO RETURNS
X16	GL	1.50	CLAY/FILL	Y15	GL	1.50	CLAY/FILL
	1.50	13.50	MUDSTONE/SANDSTONE		1.50	13.80	MUDSTONE/SANDSTONE
	13.50	15.20	SOFT PUSH NO RETURNS		13.80	14.60	COAL
	15.20	16.20	HARD STRATA NO RETURNS		14.60	15.60	MUDSTONE
W16	GL	1.50	CLAY/FILL	Z15	GL	1.50	CLAY/FILL
	1.50	13.60	MUDSTONE/SANDSTONE		1.50	13.60	MUDSTONE/SANDSTONE
	13.60	14.80	SOFT PUSH NO RETURNS		13.60	14.80	SOFT COAL
	14.80	15.80	HARD STRATA NO RETURNS		14.80	15.80	MUDSTONE

Remarks	Totals	Boreholes	Drilled	Cased
		10	157.90	
Signed by Sirius Remediation Ltd (Drilling Division): 	Date: <u>09/05/14</u>	Previous		
Signed by Client:	Date:	To Date		



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: C6
 Date: 09-05-04 Client: Gleeson's Crew Details: J. LEE
 Sheet: 1 of: 2 Working Day No. Friday T. JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
AH12	0.0	1.4	Clay	AH17	0.0	1.4	Clay
	1.4	11.2	Mudstone		1.4	11.8	Mudstone
	11.2	12.7	Coal		11.8	13.3	Coal
	12.7	13.7	Mudstone		13.3	14.3	Mudstone
AH13	0.0	1.4	Clay	AH18	0.0	1.4	Clay
	1.4	11	Mudstone		1.4	11.7	Mudstone
	11	13	Soft		11.7	13.2	Coal
	13	14	Mudstone		13.2	14.2	Mudstone
AH14	0.0	1.4	Clay	AI8	0.0	1.3	Clay
	1.4	11.3	Mudstone		1.3	10.6	Mudstone
	11.3	13.3	Soft		10.6	12.6	Soft
	13.3	14.3	Mudstone		12.6	13.6	Mudstone
AH15	0.0	1.4	Clay	AI9	0.0	1.4	Clay
	1.4	11.3	Mudstone		1.4	10.6	Mudstone
	11.3	13.3	Soft		10.6	12.8	Soft
	13.3	14.3	Mudstone		12.8	13.8	Mudstone
AH16	0.0	1.3	Clay	AI10	0.0	1.4	Clay
	1.3	11.6	Mudstone		1.4	11.5	Mudstone
	11.6	13.1	Coal		11.5	13	Coal
	13.1	14.1	Mudstone		13	14	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>J. Lee</u> Date: <u>09-05-04</u>				
Signed by Client: _____ Date: _____				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB


Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No: 2544 Contract Name: Goldthorpe Rig Type: C6
 Date: 09-05-14 Client: Gleasons Crew Details: J. LEE
 Sheet: 2 of: 2 Working Day No: friday T. JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
AI11	0.0	1.4	clay	AI17	0.0	1.4	Clay
	1.4	11.4	mudstone		1.4	11.6	mudstone
	11.4	13	Coal		11.6	13.2	Coal
	13	14	mudstone		12.3	14.2	Mudstone
AI12	0.0	1.4	Clay	AI18	0.0	1.4	clay
	1.4	11	mudstone		1.4	11.7	mudstone
	11	13.2	Soft		11.7	14	Soft
	13.2	14.2	mudstone		14	15	mudstone
AI13	0.0	1.4	clay	AI12	0.0	1.5	Clay
	1.4	11.2	mudstone		1.5	11	mudstone
	11.2	13.2	Soft		11	13	Soft
	13.2	14.2	Mudstone		13	14	mudstone
AI14	0.0	1.3	Clay				
	1.3	11.5	mudstone				
	11.5	13	Coal				
	13	14	mudstone				
AI15	0.0	1.4	clay				
	1.4	11.6	mudstone				
	11.6	12.1	Coal				
	12.1	13.1	mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous			
Date: <u>09-05-14</u>	To Date			
Signed by Client: _____				
Date: _____				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

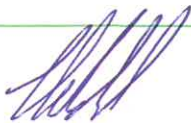
Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No: SDS 2544 Contract Name: Goldthorpe Rig Type: T59
 Date: 12/5/2014 Client: Gleeson's Crew Details: J. Benfold
 Sheet: 1 of: 2 Working Day No. monday T. Jepson

BH	From	To	Strata Description	BH	From	To	Strata Description
AA14	GL	1.5	Overburden	V14	GL	1.5	Overburden
	1.5	13	mudstone		1.5	13.1	mudstone
	13	14.6	Soft		13.1	14.8	coal
	14.6	15.6	Solid		14.8	15.8	mudstone
214	GL	1.5	Overburden	AA13	GL	1.5	Overburden
	1.5	13.1	mudstone		1.5	13.2	mudstone
	13.1	14.8	coal		13.2	14.8	coal
	14.8	15.8	mudstone		14.8	15.8	mudstone
Y14	GL	1.5	Overburden	Z13	GL	1.5	Overburden
	1.5	13	mudstone		1.5	12.9	mudstone
	13	14.7	Soft		12.9	14.7	Soft
	14.7	15.7	Solid		14.7	15.7	Solid
X14	GL	1.5	Overburden	Y13	GL	1.5	Overburden
	1.5	13.2	mudstone		1.5	13.1	mudstone
	13.2	14.9	Soft		13.1	14.8	coal
	14.9	15.9	Solid		14.8	15.8	mudstone
W14	GL	1.5	Overburden	X13	GL	1.5	Overburden
	1.5	13.2	mudstone		1.5	13.1	mudstone
	13.2	14.8	coal		13.1	14.7	coal
	14.8	15.8	mudstone		14.7	15.7	mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): 				
Date: <u>12/5/2014</u>				
Signed by Client:				
Date:				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: XP.
 Date: 12/5/14. Client: Gleasons. Crew Details: D. Gaylor
 Sheet: 1 of: 2 Working Day No. mon. J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
B7	G	1.4	Overburden	Y4	G	1.5	Overburden
	1.4	18.1	Mudstone		1.5	13.8	Mudstone
	18.1	19.6	Coar		13.8	15.7	Soft Ground
	19.6	20.6	Mudstone		15.7	16.7	Mudstone
A7	G	1.4	Overburden	Z4	G	1.5	Overburden
	1.4	18.00	Mudstone		1.5	13.9	Mudstone
	18.00	19.5	Coar		13.9	15.8	Soft Ground
	19.5	20.5	Mudstone		15.8	16.8	Mudstone
A8	G	1.5	Overburden	Z3	G	1.5	Overburden
	1.5	18.00	Mudstone		1.5	13.7	Mudstone
	18.00	19.5	Coar		13.7	15.7	Soft Ground
	19.5	20.5	Mudstone		15.7	16.7	Mudstone
A9	G	1.4	Overburden	AA3	G	1.5	Overburden
	1.4	18.1	Mudstone		1.5	13.7	Mudstone
	18.1	19.6	Coar		13.7	15.2	Coar
	19.6	20.6	Mudstone		15.2	16.2	Mudstone
X4	G	1.5	Overburden	AA4	G	1.5	Overburden
	1.5	14.00	Mudstone		1.5	13.5	Mudstone
	14.00	16.00	Soft Ground		13.5	15.00	Coar
	16.00	17.00	Mudstone		15.00	16.00	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>[Signature]</u> Date: <u>12/5/14.</u>				
Signed by Client: _____ Date: _____				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB


Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No: 2544 Contract Name: Goldthorpe Rig Type: X7
 Date: 12/5/14 Client: Gleasons Crew Details: D. Gayler
 Sheet: 2 of 2 Working Day No: Mon J-flint

BH	From	To	Strata Description	BH	From	To	Strata Description
AB1	Gr	1.6	Overburden	V9	Gr	1.5	Overburden
	1.6	13.3	Mudstone		1.5	12.8	Mudstone
	13.3	14.8	Coal		12.8	14.7	Soft Ground
	14.8	15.8	Mudstone.		14.7	15.7	Mudstone
AB2	Gr	1.6	Overburden	V8	Gr	1.5	Overburden
	1.6	13.3	Mudstone		1.5	13.1	Mudstone
	13.3	14.8	Coal		13.1	14.7	Coal
	14.8	15.8	Mudstone		14.7	15.7	Mudstone.
AB3	Gr	1.5	Overburden	W8	Gr	1.5	Overburden
	1.5	13.2	Mudstone		1.5	13.2	Mudstone
	13.2	15.0	Soft Ground		13.2	14.5	Coal
	15.0	16.2	Mudstone.		14.5	15.5	Mudstone
AB4	Gr	1.5	Overburden	W7	Gr	1.5	Overburden
	1.5	12.9	Mudstone.		1.5	13.2	Mudstone
	12.9	14.8	Soft Ground		13.2	14.6	Coal
	14.8	15.8	Mudstone		14.6	15.6	Mudstone
W9	Gr	1.5	Overburden	V7	Gr	1.5	Overburden
	1.5	13.2	Mudstone		1.5	13.2	Mudstone
	13.2	15.2	Soft Ground		13.2	14.7	Coal
	15.2	16.2	Mudstone.		14.7	15.7	Mudstone.

Remarks	Totals	Boreholes	Drilled	Cased
		20	339.2	
Signed by Sirius Remediation Ltd (Drilling Division):  Date: <u>12/5/14</u>	Previous			
Signed by Client: _____ Date: _____	To Date			



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: GOODHARPE Rig Type: T59
 Date: 13/05/14 Client: GLEESON HOMES Crew Details: J BARKER
 Sheet: 1 of 2 Working Day No. Tuesday T. JEFFSON

BH	From	To	Strata Description	BH	From	To	Strata Description
V13	GL	1.60	CLAY/FILL	AA17	GL	1.50	CLAY/FILL
	1.60	13.10	MUDSTONE/SANDSTONE		1.50	12.50	MUDSTONE/SANDSTONE
	13.10	14.40	COAL		12.50	14.00	SOFT STRATA NO RETURNS
	14.40	15.40	MUDSTONE		14.00	15.00	HARD STRATA NO RETURNS
W17	GL	1.50	CLAY/FILL	AA18	GL	1.50	CLAY/FILL
	1.50	13.20	MUDSTONE/SANDSTONE		1.50	13.00	MUDSTONE/SANDSTONE
	13.20	14.50	COAL		13.00	14.50	SOFT STRATA NO RETURNS
	14.50	15.50	MUDSTONE		14.50	15.50	HARD STRATA NO RETURNS
X17	GL	1.50	CLAY FILL	Z18	GL	1.40	CLAY FILL
	1.50	13.10	MUDSTONE/SANDSTONE		1.40	13.80	MUDSTONE/SANDSTONE
	13.10	14.40	COAL		13.80	15.00	SOFT COAL
	14.40	15.40	MUDSTONE		15.00	16.00	MUDSTONE
Y17	GL	1.50	CLAY FILL	Y18	GL	1.50	CLAY FILL
	1.50	13.10	MUDSTONE/SANDSTONE		1.50	13.80	MUDSTONE/SANDSTONE
	13.10	14.40	COAL		13.80	15.00	COAL
	14.40	15.40	MUDSTONE		15.00	16.00	MUDSTONE
Z17	GL	1.50	CLAY FILL	X18	GL	1.60	CLAY FILL
	1.50	11.40	MUDSTONE/SANDSTONE		1.60	14.20	MUDSTONE/SANDSTONE
	11.40	14.40	BOTTOM GROUND NO RETURNS		14.20	15.40	COAL
	14.40	15.40	HARD STRATA NO RETURNS		15.40	16.40	MUDSTONE

Remarks	Totals	Boreholes	Drilled	Cased
	Today	10	156.00	
	Previous			
	To Date			

Signed by
Sirius Remediation Ltd
(Drilling Division):  Date: 13/05/14

Signed by Client: _____ Date: _____



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB


Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: GOLDTHORPE Rig Type: T57
 Date: 13/05/14 Client: GLEESON Crew Details: I BAGSHAW
 Sheet: 2 of: 2 Working Day No. Tuesday I BAGSHAW

BH	From	To	Strata Description	BH	From	To	Strata Description
W18	GL	1.60	SOFT FILL				
	1.60	14.60	MUDSTONE / SANDSTONE				
	14.60	15.60	COAL				
	15.60	16.60	MUDSTONE				
V11	GL	1.50	COAL / ALL				
	1.50	13.20	MUDSTONE / SANDSTONE				
	13.20	14.60	SOFT COAL				
	14.60	15.40	MUDSTONE				

Remarks	Totals	Boreholes	Drilled	Cased
		2	32.00	
Signed by Sirius Remediation Ltd (Drilling Division): 		Previous		
Date: <u>13/05/14</u>		To Date		
Signed by Client:				
Date:				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB


Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: XP
 Date: 13/5/14 Client: Gleasons Crew Details: D. Gaylor
 Sheet: 1 of 3 Working Day No. Tue. S-flint

BH	From	To	Strata Description	BH	From	To	Strata Description
V6	G	1.5	Overburden	X6	G	1.5	Overburden
	1.5	13.1	Mudstone		1.5	13.6	Mudstone
	13.1	14.6	Coal		13.6	15.1	Coal
	14.6	15.6	Mudstone		15.1	16.1	Mudstone.
W6	G	1.5	Overburden	Y6	G	1.5	Overburden
	1.5	13.00	Mudstone		1.5	13.1	Mudstone
	13.00	14.6	Coal		13.1	15.00	Soft Ground
	14.6	15.6	Mudstone.		15.00	16.00	Mudstone
Z5	G	1.5	Overburden	Z6	G	1.5	Overburden
	1.5	13.5	Mudstone		1.5	13.4	Mudstone
	13.5	15.4	Broken Ground		13.4	15.2	Soft Ground
	15.4	16.4	Soils		15.2	16.2	Mudstone
Y5	G	1.5	Overburden	AI1	G	1.5	Overburden
	1.5	13.3	Mudstone		1.5	12.6	Mudstone
	13.3	15.2	Soft Ground		12.6	14.1	Coal
	15.2	16.2	Mudstone		14.1	15.1	Mudstone
X5	G	1.5	Overburden	AI2	G	1.5	Overburden
	1.5	13.2	Mudstone		1.5	12.5	Mudstone
	13.2	15.00	Soft Ground		12.5	14.00	Coal
	15.00	16.00	Mudstone		14.00	15.00	Mudstone.

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division):		Date: <u>13/5/14</u>	Previous	
Signed by Client:		Date:	To Date	



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544. Contract Name: Goldthorpe Rig Type: XP
 Date: 13/5/14. Client: Gleasons Crew Details: D. Gaylor
 Sheet: 2 of: 3 Working Day No. Tue. J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
AI3	Gr	1.5	Overburden	AM3	Gr	1.4	Overburden
	1.5	12.00	Mudstone		1.4	11.00	Mudstone
	12.00	13.9	Soft Ground		11.00	13.00	Soft Ground
	13.9	15.00	Mudstone		13.00	14.00	Mudstone
AI4	Gr	1.4	Overburden	AM4	Gr	1.5	Overburden
	1.4	11.7	Mudstone		1.5	11.2	Mudstone
	11.7	13.7	Soft Ground		11.2	13.1	Soft Ground
	13.7	14.7	Mudstone		13.1	14.1	Mudstone
AI5	Gr	1.4	Overburden	AM5	Gr	1.5	Overburden
	1.4	11.5	Mudstone		1.5	11.00	Mudstone
	11.5	13.5	Soft Ground		11.00	13.7	Soft Ground
	13.5	14.5	Mudstone		13.7	14.7	Mudstone
AM1	Gr	1.4	Overburden	AG1	Gr	1.5	Overburden
	1.4	12.3	Mudstone		1.5	11.5	Mudstone
	12.3	13.8	Coal		11.5	13.5	Soft Ground
	13.8	14.8	Mudstone		13.5	14.5	Mudstone
AM2	Gr	1.4	Overburden	AG2	Gr	1.5	Overburden
	1.4	11.3	Mudstone		1.5	11.3	Mudstone
	11.3	13.3	Soft Ground		11.3	13.2	Soft Ground
	13.3	14.3	Mudstone		13.2	14.2	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division):	<u>D. Carl</u>	Date: <u>13/5/14.</u>	Previous	
Signed by Client:		Date:	To Date	



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

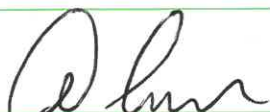
Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No: 2544. Contract Name: Goldthorpe Rig Type: XP.
 Date: 13/5/14. Client: Cleesons Crew Details: D. Gayler
 Sheet: 3 of 3 Working Day No. Tue J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
AG3	0	1.5	Overburden				
	1.5	11.2	Mud Stone				
	11.2	13.4	Soft Ground				
	13.4	14.4	Mud Stone				
AG4	0	1.4	Overburden				
	1.4	11.2	Mud Stone				
	11.2	13.4	Soft Ground				
	13.4	14.4	Mud Stone				
AG5	0	1.4	Overburden				
	1.4	11.2	Mud Stone				
	11.2	13.1	Soft Ground				
	13.1	14.1	Mud Stone.				

Remarks	Totals	Boreholes	Drilled	Cased
		23	345.9	
Signed by Sirius Remediation Ltd (Drilling Division):  Date: <u>13/5/14</u>	Previous			
Signed by Client: _____ Date: _____	To Date			



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: COLDSHOPE Rig Type: T89
 Date: 14/05/14 Client: GLEASON Crew Details: T JACOBSON
 Sheet: 1 of 2 Working Day No. Wednesday T JACOBSON.

BH	From	To	Strata Description	BH	From	To	Strata Description
W11	GL	1.50	CLAY FILL	A110	GL	1.60	CLAY FILL
	1.50	13.20	MUDSTONE / SANDSTONE		1.60	11.60	MUDSTONE / SANDSTONE
	13.20	14.50	SOFT COAL		11.60	14.40	BROKEN GROUND NO RETURNS
	14.50	15.50	MUDSTONE		14.60	15.50	HARD STRATA NO RETURNS
X11	GL	1.50	CLAY FILL	Z10	GL	1.60	CLAY FILL
	1.50	10.50	MUDSTONE / SANDSTONE		1.60	11.80	MUDSTONE / SANDSTONE
	10.50	14.00	BROKEN GROUND NO RETURNS		11.80	14.20	BROKEN GROUND NO RETURNS
	14.00	15.00	HARD STRATA NO RETURNS		14.20	15.20	HARD STRATA NO RETURNS
Y11	GL	1.50	CLAY FILL	Y10	GL	1.60	CLAY FILL
	1.50	13.10	MUDSTONE / SANDSTONE		1.60	12.00	MUDSTONE / SANDSTONE
	13.10	14.50	SOFT COAL		12.00	14.80	BROKEN GROUND NO RETURNS
	14.50	15.50	MUDSTONE		14.80	15.50	HARD STRATA NO RETURNS
Z11	GL	1.60	CLAY FILL	X10	GL	1.50	CLAY FILL
	1.60	13.30	MUDSTONE / SANDSTONE		1.50	12.30	MUDSTONE / SANDSTONE
	13.30	14.50	SOFT COAL		12.30	16.60	BROKEN GROUND NO RETURNS
	14.50	15.50	MUDSTONE		14.60	15.40	HARD STRATA NO RETURNS
A111	GL	1.60	CLAY FILL	W10	GL	1.50	CLAY FILL
	1.60	13.50	MUDSTONE / SANDSTONE		1.50	13.10	MUDSTONE / SANDSTONE
	13.50	14.60	SOFT COAL		13.10	14.50	SOFT COAL
	14.60	15.60	MUDSTONE		14.50	15.50	MUDSTONE

Remarks	Totals	Boreholes	Drilled	Cased
		10	154.50	
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous	12	188.00	
Signed by Client: _____	To Date			
Date: <u>14/05/15</u>				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB


Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: COLTHORPE Rig Type: 959
 Date: 14/05/14 Client: ALISON Crew Details: T BASHAW
 Sheet: 2 of: 2 Working Day No. Wednesday T JEFFERS

BH	From	To	Strata Description	BH	From	To	Strata Description
V10	GL	1.50	CLAY ALL				
	1.50	13.20	MUDSTONE / SANDSTONE				
	13.20	14.60	SOFT COAL				
	14.60	15.60	MUDSTONE				
A79	GL	1.50	CLAY ALL				
	1.50	10.20	MUDSTONE / SANDSTONE				
	10.20	13.20	BRICKS CRUSHED NO RETURN				
	13.20	14.20	HARD STRATA NO RETURN				

Remarks	Totals	Boreholes	Drilled	Cased
		2	29.60	
Signed by Sirius Remediation Ltd (Drilling Division): 		Previous	12	188.00
Date: <u>14/05/14</u>		To Date	24	372.10
Signed by Client: _____				
Date: _____				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2546. Contract Name: Goldthorpe Rig Type: XP
 Date: 14/5/14. Client: Gleasons Crew Details: D. Gaylor
 Sheet: 1 of: 2 Working Day No. wed. J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
AF1	GL	1.5	Overburden	AE1	GL	1.5	Overburden
	1.5	11.8	Mudstone.		1.5	12.4	Mudstone
	11.8	14.00	Soft Ground		12.4	14.00	Coal
	14.00	15.00	Mudstone		14.00	15.00	Mudstone
AF2	GL	1.5	Overburden	AE2	GL	1.5	Overburden
	1.5	11.7	Mudstone		1.5	12.5	Mudstone
	11.7	13.7	Soft Ground		12.5	14.00	Coal
	13.7	14.7	Mudstone		14.00	15.00	Mudstone
AF3	GL	1.5	Overburden	AE3	GL	1.5	Overburden
	1.5	11.6	Mudstone		1.5	12.00	Mudstone
	11.6	13.5	Soft Ground		12.00	14.00	Soft Ground
	13.5	14.5	Mudstone		14.00	15.00	Mudstone
AF4	GL	1.5	Overburden	AE4	GL	1.5	Overburden
	1.5	11.5	Mudstone		1.5	12.1	Mudstone
	11.5	13.5	Soft Ground		12.1	14.00	Soft Ground
	13.5	14.5	Mudstone.		14.00	15.00	Mudstone
AF5	GL	1.5	Overburden	AE5	GL	1.5	Overburden
	1.5	11.5	Mudstone		1.5	12.3	Mudstone
	11.5	13.5	Soft Ground		12.3	14.2	Soft Ground
	13.5	14.5	Mudstone.		14.2	15.2	Mudstone.

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>[Signature]</u> Date: <u>14/5/14.</u>	Previous			
Signed by Client: _____ Date: _____	To Date			



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No: 2544 Contract Name: Goldthorpe Rig Type: XP
 Date: 14/5/14 Client: Eleesons Crew Details: D. Gaylor
 Sheet: 2 of 2 Working Day No. wed. J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
AD1	GL	1.5	Overburden	AC1	GL	1.5	Overburden
	1.5	12.8	Mudstone		1.5	13.00	Mudstone
	12.8	14.4	Coar		13.00	14.5	Coar
	14.4	15.4	Mudstone		14.5	15.5	Mudstone
AD2	GL	1.5	Overburden	AC2	GL	1.5	Overburden
	1.5	13.00	Mudstone		1.5	13.00	Mudstone
	13.00	14.6	Coar		13.00	14.5	Coar
	14.6	15.6	Mudstone		14.5	15.5	Mudstone
AD3	GL	1.5	Overburden	AC3	GL	1.5	Overburden
	1.5	12.5	Mudstone		1.5	12.7	Mudstone
	12.5	14.3	Soft Ground		12.7	14.5	Soft Ground
	14.3	15.3	Mudstone		14.5	15.5	Mudstone
AD4	GL	1.5	Overburden	AC4	GL	1.5	Overburden
	1.5	12.6	Mudstone		1.5	12.7	Mudstone
	12.6	14.3	Soft Ground		12.7	14.7	Soft Ground
	14.3	15.3	Mudstone		14.7	15.7	Mudstone
AD5	GL	1.5	Overburden	AC5	GL	1.5	Overburden
	1.5	12.5	Mudstone		1.5	12.6	Mudstone
	12.5	14.5	Soft Ground		12.6	14.6	Soft Ground
	14.5	15.5	Mudstone		14.6	15.6	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
		20	303.3	
Signed by Sirius Remediation Ltd (Drilling Division):		Previous		
<u>[Signature]</u> Date: <u>14/5/14</u>		To Date		
Signed by Client:				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. SOS 2544

Contract Name: Goldthorpe

Rig Type: T59

Date: 15/05/14

Client: GILLESPIE HOMES

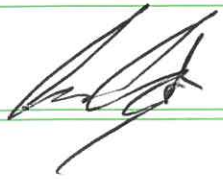
Crew Details: J. JARVIS

Sheet: 1 of 2

Working Day No. Thursday

I. JEFFERSON

BH	From	To	Strata Description	BH	From	To	Strata Description
Z9	GL	1.50	CLAY / ALL	X7	GL	1.50	CLAY ALL
	1.50	13.30	MUDSTONE / SANDSTONE		1.50	12.40	MUDSTONE / SANDSTONE
	13.30	14.50	COAL		12.40	14.20	SOFT PUSH NO RETURNS
	14.50	15.50	MUDSTONE		14.20	15.20	HARD STRATA NO RETURNS
AA8	GL	1.50	CLAY ALL	Y7	GL	1.50	CLAY ALL
	1.50	13.20	MUDSTONE / SANDSTONE		1.50	13.20	MUDSTONE / SANDSTONE
	13.20	14.20	COAL		13.20	14.60	SOFT COAL
	14.20	18.20	MUDSTONE		14.60	15.60	MUDSTONE
Z8	GL	1.50	CLAY ALL	Z7	GL	1.50	CLAY ALL
	1.50	12.40	MUDSTONE / SANDSTONE		1.50	13.00	MUDSTONE / SANDSTONE
	12.40	14.10	SOFT COAL		13.00	14.40	COAL
	14.10	15.10	MUDSTONE		14.40	15.4	MUDSTONE
Y8	GL	1.50	CLAY ALL	AA7	GL	1.60	CLAY ALL
	1.50	11.30	MUDSTONE / SANDSTONE		1.60	13.20	MUDSTONE / SANDSTONE
	11.30	14.10	BROKEN GRIND NO RETURNS		13.20	14.40	COAL
	14.10	15.10	HARD STRATA NO RETURNS		14.40	15.40	MUDSTONE
X8	GL	1.50	CLAY ALL	AB7	GL	1.50	CLAY ALL
	1.50	12.10	MUDSTONE / SANDSTONE		1.50	13.20	MUDSTONE / SANDSTONE
	12.10	14.60	BROKEN GRIND NO RETURNS		13.20	14.60	SOFT COAL
	14.60	15.60	HARD STRATA NO RETURNS		14.60	15.60	MUDSTONE

Remarks	Totals	Boreholes	Drilled	Cased
	Today	10	153=70	
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous	24	372=10	
Signed by Client: _____	To Date			
Date: <u>15/05/14</u>				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB


Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. SOS 2544 Contract Name: GLOTHORPE Rig Type: T59
 Date: 15/05/14 Client: Gleeson Homes Crew Details: T. BRASHALL
 Sheet: 2 of 2 Working Day No. Thursday T. JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
AC7	GL	1.50	CLAY FILL				
	1.50	13.10	MUDSTONE / SANDSTONE				
	13.10	14.60	SOFT COAL				
	14.60	15.40	MUDSTONE				
AD7	GL	1.50	CLAY FILL				
	1.50	13.20	MUDSTONE / SANDSTONE				
	13.20	14.60	SOFT COAL				
	14.60	15.60	MUDSTONE				
AJ18	GL	1.60	CLAY FILL				
	1.60	12.20	MUDSTONE / SANDSTONE				
	12.20	13.30	COAL				
	13.30	14.30	MUDSTONE				

Remarks	Totals	Boreholes	Drilled	Cased
	Today	3	48.30	
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous	24	372.10	
Date: <u>15/05/14</u>	To Date	37	571.10	
Signed by Client: _____				
Date: _____				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: C6
 Date: 15-5-14 Client: Gleasons Crew Details: A-Fairstone
 Sheet: 1 of: 2 Working Day No. Thursday J. Woodhead

BH	From	To	Strata Description	BH	From	To	Strata Description
Suspected Shaft				BD42	00	2-00	Clay
SHAFT					2-00	13-50	Sandstone-Mudstone
1.1	00	2-00	Clay		13-50	15-00	Coal
	2-00	16-00	Soft strata no returns		15-00	16-00	Grey Mudstone
	16-00	21-00	Hard strata no returns				
SHAFT				BD41	00	2-00	Clay
1.2	00	2-00	Clay		2-00	13-00	Sandstone-Mudstone
	2-00	16-00	Soft strata no returns		13-00	14-80	Soft strata
	16-00	21-00	Hard strata no returns		14-80	18-80	Mudstone Poor returns
SHAFT				BD40	00	2-50	Clay
1.3	00	2-00	Clay		2-50	13-00	Sandstone-Mudstone
	2-00	16-00	Soft strata no returns		13-00	14-80	Soft strata
	16-00	21-00	Hard strata no returns		14-80	18-80	Poor Flush
SHAFT				BD39	00	3-00	Clay
1.4	00	2-00	Clay		3-00	13-50	Sandstone-Mudstone
	2-00	16-00	Soft strata no returns		13-50	15-00	Coal
	16-00	21-00	Hard strata no returns		15-00	16-00	Mudstone
SHAFT				BD38	00	3-00	Clay
1.5	00	2-00	Clay		3-00	13-80	Sandstone-Mudstone
	2-00	16-00	Soft strata no returns		13-80	15-50	Soft strata
	16-00	21-00	Hard strata no returns		15-50	16-50	Poor Flush
			Lane				
			+3				
			+5				
			+4				
			+3				
			Plots				

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): <u>A2</u>	Previous			
Date: <u>15-5-14</u>	To Date			
Signed by Client:				
Date:				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: Gouldthorpe Rig Type: C6
 Date: 15-5-14 Client: Gleasons Crew Details: A. Faustone
 Sheet: 2 of: 2 Working Day No. Thursday J. Woodhead

BH	From	To	Strata Description	BH	From	To	Strata Description
BD37	00	3:00	Clay	BD32	00	2:50	Clay
	3:00	13:50	Sandstone-Mudstone		2:50	12:00	Sandstone-Mudstone
	13:50	15:00	Coal		12:00	13:50	Soft Strata
	15:00	16:00	Mudstone		13:50	14:50	Poor Flush
BD36	00	3:00	Clay	BE32	00	2:50	Clay
	3:00	13:50	Sandstone-Mudstone		2:50	12:00	Sandstone-Mudstone
	13:50	15:20	Soft Strata		12:00	13:50	Soft Strata
	15:20	16:20	Mudstone Poor returns		13:50	14:50	Poor Flush
BD35	00	2:50	Clay	BE33	00	2:70	Clay
	2:50	13:00	Sandstone-Mudstone		2:70	12:50	Sandstone-Mudstone
	13:00	14:50	Soft Strata		12:50	14:00	Coal
	14:50	15:50	Mudstone Poor returns		14:00	15:00	Mudstone
BD34	00	3:00	Clay	BE34	00	3:00	Clay
	3:00	12:50	Sandstone-Mudstone		3:00	12:50	Sandstone-Mudstone
	12:50	14:00	Soft Strata		12:50	14:00	Soft Strata
	14:00	15:00	Poor Flush		14:00	15:00	Poor Flush
BD33	00	3:00	Clay				
	3:00	12:50	Sandstone-Mudstone				
	12:50	14:00	Coal				
	14:00	15:00	Mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
		19	321.4	
Signed by Sirius Remediation Ltd (Drilling Division): <u>[Signature]</u> Date: <u>15-5-14</u>	Previous			
Signed by Client: _____ Date: _____	To Date			



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544. Contract Name: Goldthorpe. Rig Type: XB
 Date: 15/5/14. Client: Eleesons. Crew Details: D. Gaylor
 Sheet: 1 of 3 Working Day No. Thur J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
AAS	GL	1.5	Overburden	A06	GL	1.5	Overburden
	1.5	13.2	Mudstone		1.5	12.5	Mudstone
	13.2	15.00	Broken Ground		12.5	14.4	Soft Ground
	15.00	16.00	Sand		14.4	15.4	Mudstone
ABS	GL	1.5	Overburden	AEB	GL	1.5	Overburden
	1.5	13.5	Mudstone		1.5	12.2	Mudstone
	13.5	15.00	Coal		12.2	14.2	Soft Ground
	15.00	16.00	Mudstone		14.2	15.2	Mudstone
AAB	GL	1.5	Overburden	AF6	GL	1.5	Overburden
	1.5	13.1	Mudstone		1.5	11.8	Mudstone
	13.1	15.00	Soft Ground		11.8	13.7	Soft Ground
	15.00	16.00	Mudstone		13.7	14.7	Mudstone
AB6	GL	1.5	Overburden	AG6	GL	1.5	Overburden
	1.5	12.9	Mudstone		1.5	11.3	Mudstone
	12.9	14.8	Soft Ground		11.3	13.1	Soft Ground
	14.8	15.8	Mudstone		13.1	14.1	Mudstone
AC6	GL	1.5	Overburden	AH6	GL	1.5	Overburden
	1.5	12.7	Mudstone		1.5	11.1	Mudstone
	12.7	14.6	Soft Ground		11.1	13.00	Soft Ground
	14.6	15.6	Mudstone		13.00	14.00	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>[Signature]</u> Date: <u>15/5/14.</u>				
Signed by Client: _____ Date: _____				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2546. Contract Name: Goldthorpe Rig Type: XP
 Date: 15/5/14. Client: Gleasons Crew Details: D. Gaylor
 Sheet: 2 of: 3 Working Day No. Thur J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
AI6	GL	1.5	Overburden	AS7	GL	1.6	Overburden
	1.5	11.2	Mudstone		1.6	11.1	Mudstone
	11.2	13.2	Soft Ground		11.1	13.2	Soft Ground
	13.2	14.2	Mudstone		13.2	14.2	Mudstone
AS6	GL	1.5	Overburden	AI7	GL	1.6	Overburden
	1.5	11.2	Mudstone		1.6	11.1	Mudstone
	11.2	12.9	Soft Ground		11.1	13.2	Soft Ground
	12.9	14.2	Mudstone		13.2	14.2	Mudstone
AK6	GL	1.5	Overburden	AH7	GL	1.6	Overburden
	1.5	10.8	Mudstone		1.6	11.2	Mudstone
	10.8	12.7	Soft Ground		11.2	13.1	Soft Ground
	12.7	13.7	Mudstone		13.1	14.1	Mudstone
AS5	GL	1.5	Overburden	AG7	GL	1.5	Overburden
	1.5	11.2	Mudstone		1.5	11.4	Mudstone
	11.2	13.2	Soft Ground		11.4	13.2	Soft Ground
	13.2	14.2	Mudstone		13.2	14.2	Mudstone
AK7	GL	1.6	Overburden	AF7	GL	1.6	Overburden
	1.6	10.8	Mudstone		1.6	11.7	Mudstone
	10.8	12.3	Coal		11.7	13.7	Soft Ground
	12.3	13.3	Mudstone		13.7	14.7	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): 				
Date: <u>15/5/14</u>				
Signed by Client:				
Date:				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB


Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: Coldharpe Rig Type: XP
 Date: 15/5/14 Client: Cleesons Crew Details: D. Gaylor
 Sheet: 3 of 3 Working Day No. Thor J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
AET	Gr	1.6	Overburden				
	1.6	12.25	Mudstone				
	12.25	14.25	Soft Ground				
	14.25	15.00	Mud Stone				
AJ8	Gr	1.6	Overburden				
	1.6	11.25	Mud Stone				
	11.00	12.8	Soft Ground				
	12.8	13.8	Mud Stone				
AK8	Gr	1.6	Overburden				
	1.6	10.8	Mud Stone				
	12.8	12.6	Soft Ground				
	12.6	13.6	Mud Stone				

Remarks	Totals	Boreholes	Drilled	Cased
		23	331.2	
Signed by Sirius Remediation Ltd (Drilling Division):  Date: <u>15/5/14</u>	Previous			
Signed by Client: _____ Date: _____	To Date			



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No. 2544 Contract Name: COLISTHORPE Rig Type: T89
 Date: 16/05/14 Client: GLEASON Crew Details: I BARSHAW
 Sheet: 1 of 2 Working Day No. Friday T JERSON

BH	From	To	Strata Description	BH	From	To	Strata Description
AK18	GL	1.60	CLAY FILL	AK18	GL	1.60	CLAY FILL
	1.60	12.00	MUDSTONE / SANDSTONE		1.60	11.40	MUDSTONE / SANDSTONE
	12.00	13.20	COAL		11.40	12.60	COAL
	13.20	14.20	MUDSTONE		12.60	13.60	MUDSTONE
AL18	GL	1.50	CLAY FILL	AL18	GL	1.50	CLAY FILL
	1.50	10.20	MUDSTONE / SANDSTONE		1.50	11.50	MUDSTONE / SANDSTONE
	10.20	13.50	BROKEN CORE NO RETURN		11.50	12.60	COAL
	13.50	14.50	HARD STRATA NO RETURN		12.60	13.60	MUDSTONE
AM18	GL	1.50	CLAY FILL	AM17	GL	1.50	CLAY FILL
	1.50	11.90	MUDSTONE / SANDSTONE		1.50	11.60	MUDSTONE / SANDSTONE
	11.90	12.90	SOFT COAL		11.60	12.70	COAL
	12.90	13.90	MUDSTONE		12.70	13.70	MUDSTONE
AN18	GL	1.50	CLAY FILL	AN17	GL	1.50	CLAY FILL
	1.50	11.50	MUDSTONE / SANDSTONE		1.50	11.40	MUDSTONE / SANDSTONE
	11.50	12.70	COAL		11.40	13.10	COAL
	12.70	13.70	MUDSTONE		13.10	14.10	MUDSTONE
AO18	GL	1.50	CLAY FILL	AO17	GL	1.50	CLAY FILL
	1.50	11.20	MUDSTONE / SANDSTONE		1.50	11.80	MUDSTONE / SANDSTONE
	11.20	12.10	SOFT COAL		11.80	13.00	COAL
	12.10	13.10	MUDSTONE		13.00	14.00	MUDSTONE

Remarks	Totals	Boreholes	Drilled	Cased
	Today	10	138-40	
Signed by Sirius Remediation Ltd (Drilling Division):	Previous	57	571-10	
Signed by Client:	To Date			

 Date: 16/05/14



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No: 2544 Contract Name: Goodthorpe Rig Type: T59
 Date: 16/05/14 Client: Gleeson Homes Crew Details: I Bacciano
 Sheet: 2 of 2 Working Day No: Friday T. J. J. J.

BH	From	To	Strata Description	BH	From	To	Strata Description
AL17	GL	1.50	CLAY FILL				
	1.50	12.20	MUDSTONE / SANDSTONE				
	12.20	13.80	SOFT COAL				
	13.80	14.80	MUDSTONE				
AL17	GL	1.50	CLAY FILL				
	1.50	12.00	MUDSTONE / SANDSTONE				
	12.00	13.20	SOFT COAL				
	13.20	14.20	MUDSTONE				
AD17	GL	1.50	CLAY FILL				
	1.50	11.80	MUDSTONE / SANDSTONE				
	11.80	13.00	SOFT PUSH NO RETURNS				
	13.00	14.00	HAIRY SPITAL NO RETURNS				

Remarks	Totals	Boreholes	Drilled	Cased
		3	6300	
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous			
Date: <u>16/05/14</u>	To Date			
Signed by Client:				
Date:				



OPENHOLE DRILL LOG

4245 Park Approach, Thorpe Park, Leeds, LS15 8GB

Tel: 0113 264 9960

Fax: 0113 264 9962

Remediation

Job No: 2544 Contract Name: Gold Thorpe Rig Type: xP
 Date: 16/5/14 Client: Gleasons Crew Details: D. Gaylor
 Sheet: 1 of: 1 Working Day No. fe J-flint

BH	From	To	Strata Description	BH	From	To	Strata Description
AJ9	GL	1.6	Overburden	AJ10	GL	1.5	Overburden
	1.6	11.1	Mudstone		1.5	11.6	Mudstone
	11.1	13.25	Soft Ground		11.6	13.5	Soft Ground
	13.25	14.05	Mudstone		13.5	14.5	Mudstone
AK9	GL	1.6	Overburden	AK10	GL	1.5	Overburden
	1.6	11.25	Mudstone		1.5	11.5	Mudstone
	11.25	12.8	Soft Ground		11.5	13.5	Soft Ground
	12.8	13.8	Mudstone		13.5	14.5	Mudstone
AL9	GL	1.5	Overburden	AL10	GL	1.5	Overburden
	1.5	10.9	Mudstone		1.5	11.8	Mudstone
	10.9	12.7	Soft Ground		11.8	13.3	Core
	12.7	13.7	Mudstone		13.3	14.3	Mudstone
Am9	GL	1.6	Overburden	Am10	GL	1.5	Overburden
	1.6	11.2	Mudstone		1.5	11.8	Mudstone
	11.2	12.8	Core		11.8	13.3	Core
	12.8	13.8	Mudstone		13.3	14.3	Mudstone
AN9	GL	1.6	Overburden	AN10	GL	1.5	Overburden
	1.6	11.25	Mudstone		1.5	11.5	Mudstone
	11.25	12.6	Core		11.5	13.25	Core
	12.6	13.6	Mudstone		13.25	14.25	Mudstone

Remarks Drilled Full 11.0pm on a Course Am.	Totals	Boreholes	Drilled	Cased
	Today	10	140.5	
	Signed by Sirius Remediation Ltd (Drilling Division):  Date: <u>16/5/14</u>	Previous		
Signed by Client: _____ Date: _____	To Date			