



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: 23/4/14. Client: Gleasons Crew Details: D. Gayler
 Sheet: 2 of: 2 Working Day No. wed J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
K19	G.L	1.5	Overburden	P19	G	1.5	Overburden
	1.5	16.7	Mudstone		1.5	15.9	Mudstone
	16.7	19.4	Soft Ground		15.9	17.5	Coal
	19.4	20.4	Mudstone		17.5	18.5	Mudstone.
L19	G.L	1.5	Overburden	Q19	G.L	1.5	Overburden
	1.5	16.6	Mudstone		1.5	15.5	Mudstone
	16.6	19.3	Soft Ground		15.5	18.0	Soft Ground
	19.3	20.3	Mudstone		18.0	19.0	Mudstone
M19	G.L	1.5	Overburden	R19	G.L	1.5	Overburden
	1.5	16.5	Mudstone		1.5	14.8	Mudstone
	16.5	19.2	Soft Ground		14.8	17.0	Soft Ground
	19.2	20.2	Mudstone		17.0	18.0	Mudstone.
N19	G.L	1.5	Overburden				
	1.5	16.3	Mudstone				
	16.3	19.1	Soft Ground				
	19.1	20.1	Mudstone				
O19	G.L	1.5	Overburden				
	1.5	16.2	Mudstone				
	16.2	17.8	Coal				
	17.8	18.8	Mudstone.				

Remarks	Totals	Boreholes	Drilled	Cased
		18	364.9	
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous			
Date: <u>23/4/14</u>	To Date			
Signed by Client:				
Date:				



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Remediation

Job No: 2544 Contract Name: Goddthorpe Rig Type: XP
 Date: 24/4/14 Client: Aleesons Crew Details: D. Gaylor
 Sheet: 1 of: 2 Working Day No. Thurs J-flint

BH	From	To	Strata Description	BH	From	To	Strata Description
G18	GL	1.5	Overburden	G13	GL	1.5	Overburden
	1.5	18.4	Mudstone		1.5	18.3	Mudstone
	18.4	20.00	Coal		18.3	19.9	Coal
	20.00	21.00	Mudstone		19.9	21.00	Mudstone
G17	GL	1.5	Overburden	G12	GL	1.5	Overburden
	1.5	18.6	Mudstone		1.5	17.3	Mudstone
	18.6	20.2	Coal		17.3	19.9	Soft / Coal Trace
	20.2	21.2	Mudstone		19.9	21.00	Mudstone
G16	GL	1.5	Overburden	G11	GL	1.5	Overburden
	1.5	18.7	Mudstone		1.5	17.00	Mudstone
	18.7	20.3	Coal		17.00	19.7	Soft Ground
	20.3	21.3	Mudstone		19.7	20.7	Mudstone
G15	GL	1.5	Overburden	G10	GL	1.5	Overburden
	1.5	18.5	Mudstone		1.5	17.1	Mudstone
	18.5	20.1	Coal		17.1	20.00	Soft Ground
	20.1	21.1	Mudstone		20.00	21.00	Mudstone
G14	GL	1.5	Overburden	H10	GL	1.5	Overburden
	1.5	18.4	Mudstone		1.5	16.8	Mudstone
	18.4	20.00	Coal		16.8	19.5	Soft Ground
	20.00	21.00	Mudstone		19.5	20.5	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division):		Previous		
Date: <u>24/4/14</u>	To Date			
Signed by Client:	Date:			



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Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: XP
 Date: 24/4/14 Client: Gleasons Crew Details: D. Gaylor
 Sheet: 2 of 2 Working Day No. Thur J. Alvir

BH	From	To	Strata Description	BH	From	To	Strata Description
H11	Gr	1.5	Overburden	H16	Gr	1.5	Overburden
	1.5	17.00	Mudstone		1.5	18.00	Mudstone
	17.00	19.6	Soft Ground		18.00	19.6	Case
	19.6	20.6	Mudstone		19.6	20.6	Mudstone
H12	Gr	1.5	Overburden	H17	Gr	1.5	Overburden
	1.5	16.8	Mudstone		1.5	18.00	Mudstone
	16.8	19.5	Soft Ground		18.00	19.6	Case
	19.5	20.5	Mudstone		19.6	20.6	Mudstone
H13	Gr	1.5	Overburden	H18	Gr	1.5	Overburden
	1.5	18.00	Mudstone		1.5	18.2	Mudstone
	18.00	19.6	Case		18.2	19.8	Case
	19.6	20.6	Mudstone		19.8	20.8	Mudstone
H14	Gr	1.5	Overburden				
	1.5	18.1	Mudstone				
	18.1	19.7	Case				
	19.7	20.7	Mudstone				
H15	Gr	1.5	Overburden				
	1.5	18.00	Mudstone				
	18.00	19.6	Case				
	19.6	20.6	Mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
		18.	374.8	
Signed by Sirius Remediation Ltd (Drilling Division): <u>[Signature]</u> Date: <u>24/4/14</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. SOS 2764 Contract Name: GOLDTHORPE Rig Type: TST
 Date: 24/04/14 Client: GLEESON HOMES Crew Details: I SACRADO
 Sheet: 1 of: 1 Working Day No. Thursday A. Ezzit

BH	From	To	Strata Description	BH	From	To	Strata Description
W22	GL	1.60	CLAY/FILL				
	1.60	13.50	MUDSTONE				
	13.50	16.50	ROCKY GROUND NO RETURNS				
	16.50	17.50	HARD STRATA NO RETURNS				
W23	GL	1.50	CLAY/FILL				
	1.50	14.00	MUDSTONE				
	14.00	16.10	ROCKY GROUND NO RETURNS				
	16.10	17.10	HARD STRATA NO RETURNS				
W24	GL	1.60	CLAY/FILL				
	1.60	15.50	MUDSTONE				
	15.50	16.20	COAL				
	16.20	17.20	MUDSTONE				
W25	GL	1.50	FILL				
	1.50	15.00	MUDSTONE				
	15.00	16.30	COAL				
	16.30	17.30	MUDSTONE				

Remarks	Totals	Boreholes	Drilled	Cased
Rig TAKEN OF SITE STORED				
Drill 11.00 AM		4	69.10	
Signed by Sirius Remediation Ltd (Drilling Division):  Date: <u>24/04/14</u>	Previous	8	141.70	
Signed by Client: _____ Date: _____	To Date	12.	210.80	



OPENHOLE DRILL LOG

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Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: CS(2)
 Date: 24-04-14 Client: Gleesons Crew Details: J. LEE
 Sheet: 1 of 3 Working Day No. Thursday T. JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
AS32	0.0	1.3	Clay	AT36	0.0	1.5	Clay
	1.3	11.5	mudstone		1.5	12.1	mudstone
	11.5	14.5	Broken Ground		12.1	13.7	Coal
	14.5	15.5	Hard Strata		13.7	14.7	mudstone
AT32	0.0	1.3	Clay	AT39	0.0	1.5	clay
	1.3	11.8	mudstone		1.5	10	Soft backfill with Returns
	11.8	13.5	Soft	AT39A	0.0	1.5	clay
	13.5	14.5	mudstone		1.5	6	mudstone
AT33	0.0	1.3	Clay	AT39B	0.0	1.5	Clay
	1.3	12	mudstone		1.5	6	mudstone
	12	14.7	Broken Ground	AT39C	0.0	1.5	Clay
	14.7	15.7	Hard Strata		1.5	6	mudstone
AT34	0.0	1.5	Clay	AT39D	0.0	1.5	Clay
	1.5	12.2	mudstone		1.5	6	mudstone
	12.2	13.7	Coal	AT37	0.0	1.5	Clay
	13.7	14.7	mudstone		1.5	11.9	mudstone
AT35	0.0	1.5	Clay		11.9	13.5	Coal
	1.5	12.2	mudstone		13.5	14.5	mudstone
	12.2	13.8	Coal				
	13.8	14.8	mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous			
Date: <u>24-04-14</u>	To Date			
Signed by Client:				
Date:				



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Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: C6(2)

Date: 24-04-14 Client: Gleasons Crew Details: J. LEG

Sheet: 2 of: 3 Working Day No. Thursday T. JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
AT38	0.0	1.5	clay	AT42	0.0	1.6	clay
	1.5	11.9	mudstone		1.6	11.6	mudstone
	11.9	13.5	Coal		11.6	12.6	Broken Ground
	13.5	14.5	mudstone		12.6	15.6	Hard Strata
AS38A	0.0	1.5	clay	AU32	0.0	1.5	clay
	1.5	6	mudstone		1.5	11.2	mudstone
					11.2	14	Broken Ground
AS38B	0.0	1.5	clay		14	15	Hard strata
	1.5	6	mudstone				
AS38C	0.0	1.5	clay	AU33	0.0	1.5	clay
	1.5	6	mudstone		1.5	11.2	mudstone
					11.2	14.2	Broken Ground
AS38D	0.0	1.5	clay		14.2	15.2	Hard strata
	1.5	6	mudstone				
AT40	0.0	1.5	clay	AU34	0.0	1.5	clay
	1.5	11.7	mudstone		1.5	11.5	mudstone
	11.7	14.1	Soft		11.5	14.4	Broken Ground
	14.1	15.1	mudstone	14.4	15.4	Hard strata	
AT41	0.0	1.6	clay	AU35	0.0	1.5	clay
	1.6	11.9	mudstone		1.5	12	mudstone
	11.9	14.4	Soft		12	13.6	Coal
	14.4	15.4	mudstone	13.6	14.6	mudstone	

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division):  Date: <u>24-04-14</u>				
Signed by Client: _____ Date: _____				



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Remediation

Job No. 2544 Contract Name: Goldthorpe Rig Type: C6(2)
 Date: 24-04-14 Client: Gleasons Crew Details: J. LEE
 Sheet: 3 of: 3 Working Day No. Thursday T. JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
AU36	0.0	1.5	Clay	AU40	0.0	1.5	Clay
	1.5	12	mudstone		1.5	12.3	mudstone
	12	13.5	Coal		12.3	13.9	Coal
	13.5	14.5	mudstone		13.9	14.9	mudstone
AU37	0.0	1.5	Clay	AU42	0.0	1.5	Clay
	1.5	11.8	mudstone		1.5	11.7	mudstone
	11.8	13.9	Soft		11.7	14	Soft
	13.9	14.9	mudstone		14	15	mudstone
AU38	0.0	1.5	Clay				
	1.5	12	mudstone				
	12	14.2	Broken Ground				
	14.2	15.2	Hard strata				
AU39	0.0	1.5	Clay				
	1.5	12.2	mudstone				
	12.2	13.8	Coal				
	13.8	14.8	mudstone				
AU41	0.0	1.5	Clay				
	1.5	12.5	mudstone				
	12.5	14	Coal				
	14	15	mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous			
Date: <u>24-04-14</u>	To Date			
Signed by Client: _____				
Date: _____				



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Remediation

Job No: 2544 Contract Name: Gobdthorpe Rig Type: C6⁽²⁾
 Date: 25-04-14 Client: Gleasons Crew Details: J. LEE
 Sheet: 1 of: 3 Working Day No. Friday T. JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
AP45	0.0	1.6	Clay	AP45	0.0	1.6	Clay
	1.6	12.3	mudstone		1.6	12.5	mudstone
	12.3	14.5	Soft		12.5	14.6	Soft
	14.5	15.5	mudstone		14.6	15.6	mudstone
AP44	0.0	1.6	Clay	AP46	0.0	1.6	Clay
	1.6	12.2	mudstone		1.6	12.5	mudstone
	12.2	14.3	Soft		12.5	14.6	Coal
	14.3	15.3	mudstone		14.5	15.6	mudstone
AP43	0.0	1.5	Clay	AR47	0.0	1.6	Clay
	1.5	12	mudstone		1.6	12.6	mudstone
	12	14.2	Soft		12.6	14.2	Coal
	14.2	15.2	mudstone		14.2	15.2	mudstone
AP43	0.0	1.6	Clay	AR46	0.0	1.6	Clay
	1.6	12.4	mudstone		1.6	12.5	mudstone
	12.4	14	Coal		12.5	14	Coal
	14	15	mudstone		14	15	mudstone
AP44	0.0	1.6	Clay	AR45	0.0	1.6	Clay
	1.6	12.3	mudstone		1.6	12.4	mudstone
	12.3	14.4	Soft		12.4	14.5	Soft
	14.4	15.4	mudstone		14.5	15.5	mudstone

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous			
Date: <u>25-04-14</u>	To Date			
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: CG (2)
 Date: 25-04-14 Client: Gleasons Crew Details: J. LEE
 Sheet: 2 of: 3 Working Day No. Friday T. JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
AR44	0.0	1.6	Clay	AV33	0.0	1.3	Clay
	1.6	12.3	mudstone		1.3	11	mudstone
	12.3	14.2	Soft		11	14	Broken Ground
	14.2	15.2	mudstone		14	15	Hard Strata
AR43	0.0	1.6	Clay	AV34	0.0	1.3	Clay
	1.6	12.1	mudstone		1.3	11.3	mudstone
	12.1	14.9	Broken Ground		11.3	14.2	Broken Ground
	14.9	15.9	Hard Strata		14.2	15.2	Hard Strata
AS47	0.0	1.6	Clay	AV35	0.0	1.5	Clay
	1.6	12.6	mudstone		1.5	12	mudstone
	12.6	14	Coal		12	13.5	Coal
	14	15	mudstone		13.5	14.5	mudstone
AS46	0.0	1.5	Clay	AV36	0.0	1.6	Clay
	1.5	12.4	mudstone		1.6	12	mudstone
	12.4	14	Coal		12	13.5	Coal
	14	15	mudstone		13.5	14.5	mudstone
AV32	0.0	1.3	Clay	AV37	0.0	1.5	Clay
	1.3	11.3	mudstone		1.5	12.3	mudstone
	11.3	13.3	Soft		12.3	13.8	Coal
	13.3	14.3	mudstone		13.8	14.8	mudstone

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous			
Date: <u>25-04-14</u>	To Date			
Signed by Client:	Date:			



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

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Remediation

Job No: 2544 Contract Name: Goldthorpe Rig Type: CG⁽²⁾
 Date: 25-04-14 Client: Gleasons Crew Details: J. LEE
 Sheet: 3 of: 3 Working Day No: Friday T. JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
AV38	0.0	1.5	Clay				
	1.5	12.5	mudstone				
	12.5	14	Coal				
	14	15	mudstone				
AV39	0.0	1.5	Clay				
	1.5	12.5	mudstone				
	12.5	14	Coal				
	14	15	mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): <u>J. Lee</u> Date: <u>25-04-14</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: Goldthorpe Rig Type: XP
 Date: 25/4/14 Client: Gleesans Crew Details: D. Gaylor
 Sheet: 1 of: 2 Working Day No. fei J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
Ai47	GL	1.5	Overburden	AJ46	GL	1.5	Overburden
	1.5	15.3	Mudstone		1.5	15.5	Mudstone
	15.3	16.8	Coal		15.5	17.00	Coal
	16.8	17.8	Mudstone		17.00	18.00	Mudstone
Ai46	GL	1.5	Overburden	AJ45	GL	1.5	Overburden
	1.5	15.4	Mudstone		1.5	15.4	Mudstone
	15.4	16.9	Coal		15.4	17.00	Soft Ground
	16.9	18.00	Mudstone		17.00	18.00	Mudstone
Ai45	GL	1.5	Overburden	AK47	GL	1.5	Overburden
	1.5	15.2	Mudstone		1.5	15.1	Mudstone
	15.2	17.2	Soft Ground		15.1	16.6	Coal
	17.2	18.2	Mudstone		16.6	17.6	Mudstone
AH45	GL	1.5	Overburden	AK46	GL	1.5	Overburden
	1.5	15.3	Mudstone		1.5	14.7	Mudstone
	15.3	17.3	Soft Ground		14.7	16.7	Soft Ground
	17.3	18.3	Mudstone		16.7	17.7	Mudstone
AJ47	GL	1.5	Overburden	AK45	GL	1.6	Overburden
	1.5	15.3	Mudstone		1.6	14.8	Mudstone
	15.3	16.9	Coal		14.8	16.5	Soft Ground
	16.9	18.00	Mudstone		16.5	17.5	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): 				
Date: <u>25/4/14</u>				
Signed by Client:				
Date:				



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

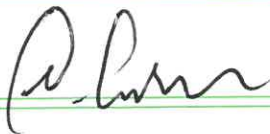
Tel: 0113 264 9960

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Remediation

Job No: 2544 Contract Name: Goldthorpe. Rig Type: XP
 Date: 25/4/14. Client: Gleasons Crew Details: D. Gaylor
 Sheet: 2 of: 2 Working Day No. Cri J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
AL45	GL	1.6	Overburden	I17	GL	1.5	Overburden
	1.6	14.6	Mudstone		1.5	17.22	Mudstone
	14.6	16.1	Soft Ground		17.22	19.5	Soft Ground
	16.1	17.1	Mudstone.		19.5	20.5	Mudstone.
Am45	GL	1.6	Overburden	I16	GL	1.5	Overburden
	1.6	14.2	Mudstone		1.5	17.2	Mudstone
	14.2	15.7	Soft Ground		17.2	19.6	Soft Ground
	15.7	16.7	Mudstone		19.6	20.6	Mudstone.
An45	GL	1.7	Overburden	I15	GL	1.5	Overburden
	1.7	14.6	Mudstone		1.5	17.1	Mudstone
	14.6	16.2	Coal		17.1	19.5	Soft Ground
	16.2	17.2	Mudstone.		19.5	20.5	Mudstone.
A045	GL	1.6	Overburden	I14	GL	1.5	Overburden
	1.6	14.3	Mudstone		1.5	17.4	Mudstone
	14.3	15.9	Coal		17.4	19.22	Coal
	15.9	17.22	Mudstone.		19.22	20.22	Mudstone.
I18	GL	1.5	Overburden	I13	GL	1.5	Overburden
	1.5	17.9	Mudstone		1.5	17.5	Mudstone
	17.9	19.5	Coal		17.5	19.22	Coal
	19.5	20.5	Mudstone.		19.22	20.22	Mudstone.

Remarks	Totals	Boreholes	Drilled	Cased
		20	369.2	
Signed by Sirius Remediation Ltd (Drilling Division):  Date: <u>25/4/14.</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: C6
 Date: 25th April Client: GLUESONS Crew Details: R EDWARDS
 Sheet: 1 of 1 Working Day No. Friday M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
X21	GL	1.5	Overburden	X27	GL	1.5	Overburden
	1.5	13.8	Sandstone / Mudstone		1.5	14.3	Sandstone / Mudstone
	13.8	15.2	Coal		14.3	16.0	Coal
	15.3	16.2	Mudstone		16.0	17.0	Mudstone
X22	GL	1.5	Overburden	X28	GL	1.5	Overburden
	1.5	11.6	Sandstone / Mudstone		1.5	14.4	Sandstone / Mudstone
	11.6	15.2	Broken Ground		14.4	16.0	Coal
	15.2	16.2	Solio		16.0	17.0	Mudstone
X23	GL	1.3	Overburden	W26	GL	1.3	Overburden
	1.3	14.0	Sandstone / Mudstone		1.3	12.5	Sandstone / Mudstone
	14.0	15.5	Soft		12.5	16.0	Broken Ground
	15.5	16.5	Mudstone		16.0	17.0	Solio
X24	GL	1.4	Overburden	W27	GL	1.3	Overburden
	1.4	14.2	Sandstone / Mudstone		1.3	14.5	Sandstone / Mudstone
	14.2	15.8	Soft		14.5	16.0	Coal
	15.8	16.8	Solio		16.0	17.0	Mudstone
X25	GL	1.4	Overburden	W28	GL	1.5	Overburden
	1.4	11.0	Sandstone / Mudstone		1.5	14.4	Sandstone / Mudstone
	11.0	15.5	Broken Ground		14.4	16.0	Coal
	15.5	16.5	Solio		16.0	17.0	Mudstone
X26	GL	1.5	Overburden				
	1.5	14.2	Sandstone / Mudstone				
	14.2	15.8	Coal				
	15.8	16.8	Mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
		11	184.0	
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>25/4/14</u>	Previous			
Signed by Client: _____ Date: _____	To Date	11	184.0	



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: C62
 Date: 28/4/14 Client: Gleeson Homes Crew Details: Ryan Edwards
 Sheet: 2 of 3 Working Day No. Monday Danny Hawrod.

BH	From	To	Strata Description	BH	From	To	Strata Description
Hole just left of			Aw35.	Aw39	0.00	1.50	o13
					1.50	13.60	Sandstone-mudstone
	0.00	1.50	o13		13.60	15.20	Coal
	1.50	16.50	soft Push Pass shaft		15.20	16.20	Sandstone
	16.50	17.50	SOLID.				
				Aw40	0.00	1.50	o13
hole just back from			Aw35.		1.50	13.70	Sandstone-mudstone
					13.70	15.30	Coal
	0.00	1.50	o13		15.30	16.30	Sandstone
	1.50	16.50	Soft Push Pass shaft				
	16.50	17.50	SOLID.	Aw41	0.00	1.50	o13
					1.50	13.80	Sandstone-mudstone
Aw36	0.00	1.50	o13		13.80	15.30	Coal
	1.50	14.60	Sandstone-mudstone		15.30	16.30	Sandstone.
	14.60	16.60	Broken Ground				
	16.60	17.60	SOLID.	Aw42	0.00	1.50	o13
					1.50	13.70	Sandstone-mudstone
Aw37	0.00	1.50	o13		13.70	15.20	Coal
	1.50	14.50	Sandstone-mudstone		15.20	16.20	Sandstone
	14.50	16.00	Broken Ground				
	16.00	17.00	SOLID.	Aw43	0.00	1.50	o13
					1.50	13.80	Sandstone-mudstone
Aw38	0.00	1.50	o13		13.80	15.30	Coal
	1.50	13.70	Sandstone-mudstone		15.30	16.30	Sandstone
	13.70	15.30	Coal				
	15.30	16.30	Sandstone				

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): <u>R. Edwards</u>	Previous			
Date: <u>28/4/14</u>				
Signed by Client:	To Date			
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: 28/4/14. Client: Gleesons Crew Details: D. Gayler
 Sheet: 1 of 2 Working Day No. Mon. J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
J18	GL	1.7	Overburden	J13	GL	1.6	Overburden
	1.7	17.05	Mudstone		1.6	17.2	Mudstone
	17.05	19.1	Broken Ground		17.2	19.25	Core
	19.1	20.1	Soils		19.25	20.25	Mudstone
J17	GL	1.7	Overburden	J12	GL	1.6	Overburden
	1.7	17.05	Mudstone		1.6	16.5	Mudstone
	17.05	19.3	Soft Ground		16.5	18.9	Soft Ground
	19.3	20.3	Mudstone		18.9	20.25	Mudstone
J16	GL	1.7	Overburden	J11	GL	1.7	Overburden
	1.7	16.8	Mudstone		1.7	16.3	Mudstone
	16.8	19.25	Soft Ground		16.3	18.7	Soft Ground
	19.25	20.05	Mudstone		18.7	19.7	Mudstone
J15	GL	1.6	Overburden	J10	GL	1.8	Overburden
	1.6	17.25	Mudstone		1.8	16.25	Mudstone
	17.25	19.25	Soft Ground		16.25	18.6	Broken Ground
	19.25	20.25	Mudstone		18.6	19.6	Soils
J14	GL	1.5	Overburden	I10	GL	1.5	Overburden
	1.5	16.7	Mudstone		1.5	17.1	Mudstone
	16.7	19.25	Soft Ground		17.1	18.8	Core
	19.25	20.25	Mudstone		18.8	19.8	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): 				
Date: <u>28/4/14.</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: XP
 Date: 28/11/14 Client: Gleesons Crew Details: D. Gaylor
 Sheet: 2 of: 2 Working Day No. mon J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
I11	Gr	1.5	Overburden	K13	Gr	1.6	Overburden
	1.5	17.00	Sand Stone		1.6	15.8	Mud Stone
	17.00	19.4	Soft Ground		15.8	18.2	Soft Ground
	19.4	20.4	Mud Stone		18.2	19.2	Mud Stone
I12	Gr	1.6	Overburden	K14	Gr	1.6	Overburden
	1.6	16.9	Mud Stone		1.6	16.1	Mud Stone
	16.9	19.3	Soft Ground		16.1	18.3	Soft Ground
	19.3	20.3	Mud Stone		18.3	19.3	Mud Stone
K10	Gr	1.6	Overburden	K15	Gr	1.6	Overburden
	1.6	16.7	Mud Stone		1.6	16.4	Mud Stone
	16.7	18.3	Case		16.4	18.5	Soft / Case Trace
	18.3	19.3	Mud Stone		18.5	19.5	Mud Stone
K11	Gr	1.6	Overburden				
	1.6	16.4	Mud Stone				
	16.4	18.7	Soft Ground				
	18.7	19.7	Mud Stone				
K12	Gr	1.7	Overburden				
	1.7	15.5	Mud Stone				
	15.5	18.00	Broken Ground				
	18.00	19.00	Mud Stone				

Remarks	Totals	Boreholes	Drilled	Cased
		18	356.2	
Signed by Sirius Remediation Ltd (Drilling Division): <u>[Signature]</u> Date: <u>28/11/14</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: CG
 Date: 28th April Client: GLEESONS Crew Details: R EDWARDS
 Sheet: 1 of: 3 Working Day No. MONDAY M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
Y27	GL	1.4	Overburden	AF 22	GL	1.4	Overburden
	1.4	13.8	Sandstone / Mudstone		1.4	12.8	Sandstone / Mudstone
	13.8	16.0	Broken Ground		12.8	14.8	Soft
	16.0	17.0	Solio		14.8	15.8	Solio
Y26	GL	1.3	Overburden	AG 22	GL	1.3	Overburden
	1.3	14.0	Sandstone / Mudstone		1.3	13.0	Sandstone / Mudstone
	14.0	16.0	Soft		13.0	14.5	Soft
	16.0	17.0	Solio		14.5	15.5	Solio
Y25	GL	1.3	Overburden	AH 22	GL	1.2	Overburden
	1.3	14.0	Sandstone / Mudstone		1.2	12.5	Sandstone / Mudstone
	14.0	15.8	Soft		12.5	14.3	Soft
	15.8	16.8	Solio		14.3	15.3	Solio
A022	GL	1.3	Overburden	AI 22	GL	1.3	Overburden
	1.3	12.4	Sandstone / Mudstone		1.3	12.4	Sandstone / Mudstone
	12.4	15.0	Soft		12.4	14.0	Coal
	15.0	16.0	Solio		14.0	15.0	Mudstone
A622	GL	1.5	Overburden	AS 22	GL	1.3	Overburden
	1.5	10.7	Sandstone / Mudstone		1.3	12.4	Sandstone / Mudstone
	10.7	14.8	Broken Ground		12.4	14.0	Soft
	14.8	15.8	Solio		14.0	15.0	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>A. Edwards</u> Date: <u>28/4/14</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: CG
 Date: 28th April 2014 Client: GREESON Crew Details: R EDWARDS
 Sheet: 2 of: 3 Working Day No. MONDAY M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AK22	GL	1.3	Overburden	A023	GL	1.3	Overburden
	1.3	12.4	Sandstone / Mudstone		1.3	11.8	Sandstone / Mudstone
	12.4	13.8	Coal		11.8	13.4	Coal
	13.8	14.8	Mudstone		13.4	14.4	Mudstone
AL22	GL	1.4	Overburden	A024	GL	1.4	Overburden
	1.4	11.5	Sandstone / Mudstone		1.4	10.7	Sandstone / Mudstone
	11.5	13.8	Soft		10.7	13.4	Soft
	13.8	14.5	Solids		13.4	14.4	Mudstone
AM22	GL	1.4	Overburden	A025	GL	1.4	Overburden
	1.4	9.8	Sandstone / Mudstone		1.4	9.8	Sandstone / Mudstone
	9.8	13.5	Broken Ground		9.8	13.5	Broken Ground
	13.5	14.8	Solids		13.5	14.5	Solids
AN22	GL	1.4	Overburden	A026	GL	1.5	Overburden
	1.4	12.0	Sandstone / Mudstone		1.5	12.0	Sandstone / Mudstone
	12.0	13.6	Soft		12.0	13.6	Coal
	13.6	14.6	Mudstone		13.6	14.6	Mudstone
AO22	GL	1.5	Overburden	A027	GL	1.4	Overburden
	1.5	10.7	Sandstone / Mudstone		1.4	11.0	Sandstone / Mudstone
	10.7	13.5	Broken Ground		11.0	13.6	Broken Ground
	13.5	14.5	Solids		13.6	14.6	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u>	Previous			
Date: <u>28/4/14</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: CG
 Date: 28th April Client: GLEESON Crew Details: REEDWARDS
 Sheet: 3 of: 3 Working Day No. MONDAY M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
A028	G2	1.3	Overburden				
	1.3	12.2	Sandstone / Mudstone				
	12.2	13.6	Silt				
	13.6	14.6	Sand				
A029	G2	1.2	Overburden				
	1.2	12.2	Sandstone / Mudstone				
	12.2	13.8	Coal				
	13.8	15.0	Mudstone				
A030	G2	1.2	Overburden				
	1.2	12.4	Sandstone / Mudstone				
	12.4	14.0	Coal				
	14.0	15.0	Mudstone				
A031	G2	1.2	Overburden				
	1.2	12.4	Sandstone / Mudstone				
	12.4	14.0	Silt				
	14.0	15.0	Mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
		24	364.5	
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>28/4/14</u>	Previous	11	184.0	
Signed by Client: _____ Date: _____	To Date	35	548.5	



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: T59
 Date: 28-04-14 Client: Gleasons Crew Details: J. LEE
 Sheet: 1 of: 1 Working Day No. Monday T. JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
S19	0.0	1.5	Clay	X19	0.0	1.5	Clay
	1.5	14.5	Mudstone		1.5	13.8	Mudstone
	14.5	16.1	Soft		13.8	15.7	Soft
	16.1	17.1	Mudstone		15.7	16.7	Mudstone
T19	0.0	1.5	Clay				
	1.5	14.5	Mudstone				
	14.5	16.3	Soft				
	16.3	17.3	Mudstone				
U19	0.0	1.5	Clay				
	1.5	14.3	Mudstone				
	14.3	16	Soft				
	16	17	Mudstone				
V19	0.0	1.5	Clay				
	1.5	14	Mudstone				
	14	16	Soft				
	16	17	Mudstone				
W19	0.0	1.5	Clay				
	1.5	14	Mudstone				
	14	16	Soft				
	16	17	Mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
The Hydraulic hose been repaired	Today			
The 40mins Getting a new sub	Previous			
Signed by Sirius Remediation Ltd (Drilling Division): <u>J. Lee</u> Date: <u>28-04-14</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: C62
 Date: 29/4/14 Client: Gleeson Homes Crew Details: Ryan Edwards
 Sheet: 1 of: 3 Working Day No. tuesday Danny Harrod

BH	From	To	Strata Description	BH	From	To	Strata Description
Ax45	0.00	1.50	oB	Ax45	0.00	1.50	oB
	1.50	14.20	sandstone-mudstone		1.50	13.80	sandstone-mudstone
	14.20	15.70	coal		13.80	15.40	coal
	15.70	16.70	sandstone		15.40	16.40	sandstone
Ax41	0.00	1.50	oB	Ax41	0.00	1.50	oB
	1.50	13.40	sandstone-mudstone		1.50	13.50	sandstone-mudstone
	13.40	15.00	coal		13.50	15.10	coal
	15.00	16.00	sandstone		15.10	16.10	sandstone
Ax42	0.00	1.50	oB	Ax42	0.00	1.50	oB
	1.50	13.60	sandstone-mudstone		1.50	13.40	sandstone-mudstone
	13.60	15.10	coal		13.40	15.00	coal
	15.10	16.10	sandstone		15.00	16.00	sandstone
Ax43	0.00	1.50	oB	Ax43	0.00	1.50	oB
	1.50	13.60	sandstone-mudstone		1.50	13.50	sandstone-mudstone
	13.60	15.20	coal		13.50	15.00	coal
	15.20	16.20	sandstone		15.00	16.00	sandstone
Ax44	0.00	1.50	oB	Ax44	0.00	1.50	oB
	1.50	13.60	sandstone-mudstone		1.50	13.60	sandstone-mudstone
	13.60	15.20	coal		13.60	15.20	coal
	15.20	16.20	sandstone		15.20	16.20	sandstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>29/4/14</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: C62
 Date: 29/4/14 Client: Gleeson Homes Crew Details: Ryan Edwards
 Sheet: 2 of: 3 Working Day No. Tuesday Danny Harwood

BH	From	To	Strata Description	BH	From	To	Strata Description
AP45	0.00	150	oB	AP24	0.00	1.50	oB
	150	1370	sandstone-mudstone		150	12.10	sandstone-mudstone
	1370	15.30	coal		12.10	13.60	soft
	15.30	16.30	sandstone		13.60	14.60	solid.
AP20	0.00	150	oB	AP25	0.00	150	oB
	150	11.80	sandstone-mudstone		150	12.20	sandstone-mudstone
	11.80	13.20	soft		12.20	14.00	soft
	13.20	14.20	solid		14.00	15.00	solid.
AP21	0.00	150	oB	AP26	0.00	150	oB
	150	11.90	sandstone-mudstone		150	12.30	sandstone-mudstone
	11.90	13.40	soft		12.30	14.30	broken ground
	13.40	14.40	solid.		14.30	15.30	solid.
AP22	0.00	150	oB	AP27	0.00	150	oB
	150	12.00	sandstone-mudstone		150	12.30	sandstone mudstone
	12.00	13.50	broken ground		12.30	14.80	broken ground
	13.50	14.50	solid.		14.80	15.80	solid.
AP23	0.00	150	oB	AP28	0.00	150	oB
	150	12.00	sandstone-mudstone		150	12.40	sandstone-mudstone
	12.00	14.00	broken ground		12.40	14.00	soft
	14.00	15.00	solid.		14.00	15.00	solid.

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): <u>R. Edwards</u>	Previous			
Date: <u>29/4/14</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: Goudthorpe Rig Type: C62
 Date: 29/4/14 Client: Gleeson Homes Crew Details: Ryan Edwards
 Sheet: 3 of: 3 Working Day No. Tuesday Danny Harrood.

BH	From	To	Strata Description	BH	From	To	Strata Description
AP 29	0.00	150	0.3				
	150	12.60	Sandstone-mudstone				
	12.60	14.20	Coal				
	14.20	15.20	Sandstone				
AP 30	0.00	150	0.3				
	150	13.00	Sandstone-mudstone				
	13.00	14.50	Coal				
	14.50	15.50	Sandstone.				
AP 31	0.00	150	0.3				
	150	13.30	Sandstone-mudstone				
	13.30	15.00	Coal				
	15.00	16.00	Sandstone				
AQ 22	0.00	150	0.3				
	150	11.90	Sandstone-mudstone				
	11.90	13.50	SOFT				
	13.50	14.50	SOLID.				

Remarks	Totals	Boreholes	Drilled	Cased
	Today	24	373.2	
Signed by Sirius Remediation Ltd (Drilling Division): <u>R. Edwards</u> Date: <u>29/4/14</u>	Previous	215	3952.1	
Signed by Client: _____ Date: _____	To Date	239	4325.3	



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: 29th April 2014 Client: GREESONS Crew Details: R EDWARDS
 Sheet: 1 of: 3 Working Day No. Tuesday M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AN23	GL	1.4	Overburden	AN28	GL	1.4	Overburden
	1.4	12.2	Sandstone / Mudstone		1.4	11.4	Sandstone / Mudstone
	12.2	13.7	Coal		11.4	13.7	Broken Ground
	13.7	14.7	Mudstone		13.7	14.7	Solio
AN24	GL	1.3	Overburden	AN29	GL	1.3	Overburden
	1.3	12.0	Sandstone / Mudstone		1.3	10.8	Sandstone / Mudstone
	12.0	13.6	Coal		10.8	13.8	Broken Ground
	13.6	14.6	Mudstone		13.8	14.8	Solio
AN25	GL	1.4	Overburden	AN30	GL	1.3	Overburden
	1.4	12.0	Sandstone / Mudstone		1.3	12.4	Sandstone / Mudstone
	12.0	13.6	Coal		12.4	14.0	Soft
	13.6	14.6	Mudstone		14.0	15.0	Solio
AN26	GL	1.2	Overburden	AN31	GL	1.4	Overburden
	1.2	12.0	Sandstone / Mudstone		1.4	12.5	Sandstone / Mudstone
	12.0	13.7	Broken Ground		12.5	14.0	Coal
	13.7	14.7	Solio		14.0	15.0	Mudstone
AN27	GL	1.3	Overburden	AN23	GL	13.2	Soft
	1.3	12.2	Sandstone / Mudstone		13.2	15.0	Solio
	12.2	13.7	Soft				
	13.7	14.7	Solio				
				AN23a	GL	1.4	Overburden
					1.4	6.0	Mudstone / Sandstone
				AN23b	GL	1.4	Overburden
					1.4	6.0	Sandstone / Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>29/4/14</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: GOLDHOPE Rig Type: CG
 Date: 29th April 2014 Client: CREESONS Crew Details: R EDWARDS
 Sheet: 2 of 3 Working Day No. Tuesday M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
Am 24	Gr	1.3	Overburden	Am 29	Gr	1.5	Overburden
	1.3	11.8	Sandstone / Mudstone		1.5	12.5	Sandstone / Mudstone
	11.8	13.5	Broken Ground		12.5	14.0	Coal
	13.5	14.5	Socio		14.0	15.0	Mudstone
Am 25	Gr	1.3	Overburden	Am 30	Gr	1.5	Overburden
	1.3	12.2	Sandstone / Mudstone		1.5	12.7	Sandstone / Mudstone
	12.2	13.7	Coal		12.7	14.2	Coal
	13.7	14.7	Mudstone		14.2	15.2	Mudstone
Am 26	Gr	1.4	Overburden	Am 31	Gr	1.5	Overburden
	1.4	12.3	Sandstone / Mudstone		1.5	12.7	Sandstone / Mudstone
	12.3	13.7	Coal		12.7	14.3	Coal
	13.7	14.7	Mudstone		14.3	15.3	Mudstone
Am 27	Gr	1.2	Overburden	Am 23	Gr	1.4	Overburden
	1.2	10.0	Sandstone / Mudstone		1.4	11.6	Sandstone / Mudstone
	10.0	13.7	Soft		11.6	13.8	Soft
	13.7	14.7	Mudstone		13.8	14.8	Socio
Am 28	Gr	1.4	Overburden	Am 24	Gr	1.4	Overburden
	1.4	10.3	Sandstone / Mudstone		1.4	12.3	Sandstone / Mudstone
	10.3	14.0	Soft		12.3	13.8	Coal
	14.0	15.0	Socio		13.8	14.8	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>29/4/14</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: CROLDTHORPE Rig Type: CG
 Date: 29th April 2014 Client: GILLESON Crew Details: REEDWARDS
 Sheet: 3 of: 3 Working Day No. Tuesday M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AL 25	GL	1.5	Overburden				
	1.5	12.5	Sandstone / Mudstone				
	12.5	14.0	Coal				
	14.0	15.0	Mudstone				
AL 26	GL	1.4	Overburden				
	1.4	12.6	Sandstone / Mudstone				
	12.6	14.0	Salt				
	14.0	15.0	Solid				
AL 27	GL	1.5	Overburden				
	1.5	12.5	Sandstone / Mudstone				
	12.5	14.0	Salt				
	14.0	15.0	Solid				
AL 29	GL	1.5	Overburden				
	1.5	12.6	Sandstone / Mudstone				
	12.6	14.2	Salt				
	14.2	15.2	Mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
		26	368.7	
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous	35	548.5	
Date: <u>29/4/14</u>	To Date	61	917.2	
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: TS9
 Date: 29-04-14 Client: Gleasons Crew Details: J. LEE
 Sheet: 1 of: 1 Working Day No. Tuesday T. JERSON

BH	From	To	Strata Description	BH	From	To	Strata Description
AA19	0.0	1.5	Clay	AF19	0.0	1.6	Clay
	1.5	12.6	mudstone		1.6	11.2	mudstone
	12.6	14.2	Coal		11.2	14	Broken Ground
	14.2	15.2	mudstone		14	15	Hard strata
AB19	0.0	1.5	Clay	AG19	0.0	1.6	Clay
	1.5	11.8	mudstone		1.6	11.4	mudstone
	11.8	14.6	Broken Ground		11.4	13.9	Soft
	14.6	15.6	Hard strata	..	13.9	14.9	mudstone
AC19	0.0	1.7	Clay	AH19	0.0	1.5	Clay
	1.7	11.5	mudstone		1.5	11.4	mudstone
	11.5	14.5	Broken Ground		11.4	13.8	Soft
	14.5	15.5	Hard strata		13.8	14.8	mudstone
AD19	0.0	1.7	Clay	AI19	0.0	1.5	Clay
	1.7	11.8	mudstone		1.5	11.3	mudstone
	11.8	14.2	Soft		11.3	13.6	Soft
	14.2	15.2	mudstone		13.6	14.6	mudstone
AE19	0.0	1.7	Clay				
	1.7	11.3	mudstone				
	11.3	14.3	Broken Ground				
	14.3	15.3	Hard strata				

Remarks	Totals	Boreholes	Drilled	Cased
Thr getting spanner from yard for bolts that keep coming loose .	Today			
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous			
Date: <u>29-04-14</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: 29/11/14 Client: Gleesons Crew Details: D. Caylor
 Sheet: 1 of: 2 Working Day No. Tue J-Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
K16	GL	1.6	Overburden	L16	GL	1.7	Overburden
	1.6	16.6	Mudstone		1.7	16.00	Mudstone
	16.6	18.7	Soft Ground		16.00	18.00	Soft Ground
	18.7	19.7	Mudstone		18.00	19.00	Mudstone.
K17	GL	1.7	Overburden	L15	GL	1.7	Overburden
	1.7	16.6	Mudstone		1.7	16.1	Mudstone
	16.6	18.4	Soft Ground		16.1	17.7	Coar
	18.4	19.4	Mudstone.		17.7	18.7	Mudstone
K18	GL	1.6	Overburden	L14	GL	1.8	Overburden
	1.6	16.5	Mudstone		1.8	15.8	Mudstone
	16.5	18.3	Soft Ground		15.8	18.00	Soft Ground
	18.3	19.3	Mudstone		18.00	19.00	Mudstone.
L18	GL	1.6	Overburden	L13	GL	1.8	Overburden
	1.6	16.3	Mudstone		1.8	15.8	Mudstone
	16.3	18.00	Coar		15.8	18.00	Soft Ground
	18.00	19.00	Mudstone.		18.00	19.00	Mudstone.
L17	GL	1.7	Overburden	L12	GL	1.8	Overburden
	1.7	16.00	Mudstone		1.8	15.6	Mudstone
	16.00	18.1	Soft Ground		15.6	17.8	Soft Ground
	18.1	19.1	Mudstone		17.8	18.8	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): 				
Date: <u>29/11/14</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: XP
 Date: 29/11/14 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
L11	GL	1.8	Overburden	M13	GL	1.8	Overburden
	1.8	15.5	Mudstone		1.8	16.00	Mudstone
	15.5	17.8	Soft Ground		16.00	18.1	Soft Ground
	17.8	18.8	Mudstone		18.1	19.1	Mudstone
L10	GL	1.9	Overburden	M14	GL	1.7	Overburden
	1.9	16.00	Mudstone		1.7	15.7	Mudstone
	16.00	17.7	Coal		15.7	18.00	Soft Ground
	17.7	18.7	Mudstone		18.00	19.00	Mudstone
M10	GL	2.00	Overburden	M15	GL	1.7	Overburden
	2.00	15.5	Mudstone		1.7	15.6	Mudstone
	15.5	17.4	Coal		15.6	17.8	Soft Ground
	17.4	18.4	Mudstone		17.8	18.8	Mudstone
M11	GL	1.8	Overburden	M16	GL	1.7	Overburden
	1.8	15.6	Mudstone		1.7	15.00	Mudstone
	15.6	17.2	Coal		15.00	17.3	Broken Ground
	17.2	18.2	Mudstone		17.3	18.3	Soils.
M12	GL	1.8	Overburden				
	1.8	15.8	Mudstone				
	15.8	18.00	Soft Ground				
	18.00	19.00	Mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
		19.	359.3	
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous			
Date: <u>29/11/14</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: C62
 Date: 30/4/14 Client: Gleeson Homes Crew Details: Ryan Edwards
 Sheet: 1 of: 3 Working Day No. WED Danny Hourrod,

BH	From	To	Strata Description	BH	From	To	Strata Description
AQ23	0.00	150	013	AQ29	0.00	150	013
	150	12.10	Sandstone-mudstone		150	12.40	Sandstone-mudstone
	12.10	14.10	Soft		12.40	14.00	Coal
	14.10	15.10	SOLID		14.00	15.00	Sandstone
AQ24	0.00	150	013	AQ30	0.00	150	013
	150	12.00	Sandstone-mudstone		150	12.00	Sandstone-mudstone
	12.00	14.00	Broken ground		12.00	14.50	Broken ground
	14.00	15.00	SOLID		14.50	15.50	SOLID
AQ25	0.00	150	013	AQ31	0.00	150	013
	150	12.20	Sandstone-mudstone		150	12.50	Sandstone-mudstone
	12.20	13.80	Soft		12.50	14.00	Coal
	13.80	14.80	SOLID		14.00	15.00	Sandstone
AQ26	0.00	150	013	AR31	0.00	150	013
	150	12.20	Sandstone-mudstone		150	12.00	Sandstone-mudstone
	12.20	14.20	Soft		12.00	14.50	Broken ground
	14.20	15.20	SOLID		14.50	15.50	SOLID
AQ27	0.00	150	013	AR30	0.00	150	013
	150	12.30	Sandstone-mudstone		150	12.30	Sandstone-mudstone
	12.30	14.80	Broken ground		12.30	14.00	Coal
	14.80	15.80	SOLID		14.00	15.00	Sandstone

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): <u>R. Edmond</u> Date: <u>30/4/14</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: Baldthorpe Rig Type: C62
 Date: 30/4/14 Client: Gleeson Homes Crew Details: Ryan Edwards
 Sheet: 2 of: 3 Working Day No. WED Danny Harrod.

BH	From	To	Strata Description	BH	From	To	Strata Description
AR27	0.00	1.50	oB	AS31	0.00	1.50	oB
	1.50	12.20	Sandstone-mudstone		1.50	12.10	Sandstone-mudstone
	12.20	13.80	Coal		12.10	13.80	Soft
	13.80	14.80	Sandstone		13.80	14.80	SOLID
AR26	0.00	1.50	oB	AS30	0.00	1.50	oB
	1.50	12.10	Sandstone-mudstone		1.50	12.30	Sandstone-mudstone
	12.10	13.80	Coal		12.30	14.00	Soft
	13.80	14.80	Sandstone		14.00	15.00	SOLID
AR25	0.00	1.50	oB	AS29	0.00	1.50	oB
	1.50	12.00	Sandstone-mudstone		1.50	12.20	Sandstone-mudstone
	12.00	14.00	Soft		12.20	14.20	Broken Ground
	14.00	15.00	SOLID		14.20	15.20	SOLID
AR24	0.00	1.50	oB	AS28	0.00	1.50	oB
	1.50	12.00	Sandstone-mudstone		1.50	12.10	Sandstone-mudstone
	12.00	13.50	Soft		12.10	14.10	Soft
	13.50	14.50	SOLID		14.10	15.10	SOLID
AR23	0.00	1.50	oB	AS27	0.00	1.50	oB
	1.50	12.00	Sandstone-mudstone		1.50	12.10	Sandstone-mudstone
	12.00	13.50	Soft		12.10	13.70	Coal
	13.50	14.50	SOLID		13.70	14.70	Sandstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>[Signature]</u> Date: <u>30/4/14</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. 2564 Contract Name: Goldthorpe Rig Type: C62
 Date: 30/4/14 Client: Gleeson Homes Crew Details: Ryan Edwards
 Sheet: 3 of: 3 Working Day No. WED Danny Harrod

BH	From	To	Strata Description	BH	From	To	Strata Description
AS26	0.00	1.50	OB				
	1.50	12.00	sandstone-mudstone				
	12.00	14.00	Broken ground				
	14.00	15.00	SOLID				
AS25	0.00	1.50	OB				
	1.50	12.00	sandstone-mudstone				
	12.00	14.00	Broken ground				
	14.00	15.00	SOLID				
AT 31	0.00	1.50	OB				
	1.50	12.30	sandstone-mudstone				
	12.30	14.30	Broken ground				
	14.30	15.30	SOLID				
AT 30	0.00	1.50	OB				
	1.50	12.30	sandstone-mudstone				
	12.30	14.00	soft				
	14.00	15.00	SOLID				

Remarks	Totals	Boreholes	Drilled	Cased
		24	360.6	
Signed by Sirius Remediation Ltd (Drilling Division): <u>R. Edwards</u> Date: <u>30/4/14</u>	Previous	239	4325.3	
Signed by Client: _____ Date: _____	To Date	263	4685.9	



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: 30/4/14 Client: Gleasons. Crew Details: D. Gaylor
 Sheet: 1 of: 2 Working Day No. wed. J-Unit

BH	From	To	Strata Description	BH	From	To	Strata Description
AS45	GL	1.5	Overburden	AT45	GL	1.5	Overburden
	1.5	12.5	Mudstone		1.5	12.2	Mudstone
	12.5	14.00	Coar		12.2	14.2	Soft Ground
	14.00	15.00	Mudstone		14.2	15.2	Mudstone
AS44	GL	1.5	Overburden	Au45	GL	1.5	Overburden
	1.5	12.2	Mudstone		1.5	13.5	Mudstone
	12.2	14.1	Soft Ground		13.5	15.00	Coar
	14.1	15.1	Mudstone		15.00	16.00	Mudstone
AS43	GL	1.5	Overburden	Au44	GL	1.5	Overburden
	1.5	12.00	Mudstone		1.5	13.6	Mudstone
	12.00	14.4	Broken Ground		13.6	15.8	Soft Ground
	14.4	15.4	Solus.		15.8	16.8	Mudstone
AT43	GL	1.5	Overburden	Au43	GL	1.5	Overburden
	1.5	12.00	Mudstone		1.5	13.3	Mudstone
	12.00	14.1	Soft Ground		13.3	15.7	Soft Ground
	14.1	15.1	Mudstone		15.7	16.7	Mudstone
AT44	GL	1.5	Overburden	M17	GL	1.7	Overburden
	1.5	12.1	Mudstone		1.7	15.4	Mudstone
	12.1	14.00	Soft Ground		15.4	17.7	Soft Ground
	14.00	15.00	Mudstone		17.7	18.7	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division):	<u>[Signature]</u>	Date: <u>30/4/14.</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: 30/04/14 Client: Gleasons Crew Details: D. Gaylor
 Sheet: 2 of 2 Working Day No. wed. J. Elit

BH	From	To	Strata Description	BH	From	To	Strata Description
M18	GL	1.6	Overburden	N13	GL	1.7	Overburden
	1.6	15.8	Mudstone		1.7	15.4	Mudstone
	15.8	18.25	Soft Ground		15.4	17.5	Soft / Loose Trace
	18.25	19.25	Mudstone		17.5	18.5	Mudstone
N18	GL	1.6	Overburden	N12	GL	1.8	Overburden
	1.6	15.6	Mudstone		1.8	15.25	Mudstone
	15.6	18.25	Soft Ground		15.25	17.1	Soft Ground
	18.25	19.25	Mudstone		17.1	18.1	Mudstone.
N17	GL	1.6	Overburden	N11	GL	1.8	Overburden
	1.6	15.5	Mudstone		1.8	15.7	Mudstone
	15.5	17.9	Soft Ground		15.7	17.3	Coarse
	17.9	19.25	Mudstone		17.3	18.3	Mudstone
N16	GL	1.6	Overburden	N10	GL	1.8	Overburden
	1.6	15.4	Mudstone		1.8	15.6	Mudstone
	15.4	17.8	Soft Ground		15.6	17.2	Coarse
	17.8	18.8	Mudstone		17.2	18.2	Mudstone
N15	GL	1.6	Overburden	O18	GL	1.5	Overburden
	1.6	16.25	Mudstone		1.5	15.3	Mudstone
	16.25	17.6	Coarse		15.3	16.9	Coarse
	17.6	18.6	Mudstone		16.9	18.25	Mudstone.
N14	GL	1.7	Overburden				
	1.7	15.2	Mudstone				
	15.2	17.2	Soft Ground				
	17.2	18.2	Mudstone.				

Remarks	Totals	Boreholes	Drilled	Cased
		21.	362.7	
Signed by Sirius Remediation Ltd (Drilling Division):		Previous		
	Date: <u>30/04/14</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: CG
 Date: 30th April Client: GLEESON Crew Details: R EDWARDS
 Sheet: 1 of 3 Working Day No. WEDNESDAY M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AL30	GL	1.5	Overburden	AK28	GL	1.5	Overburden
	1.5	12.0	Sandstone / Mudstone		1.5	12.0	Sandstone / Mudstone
	12.0	14.3	Broken Ground		12.0	14.0	Soft
	14.3	15.3	Solio		14.0	15.0	Solio
AL31	GL	1.5	Overburden	AK29	GL	1.5	Overburden
	1.5	12.7	Sandstone / Mudstone		1.5	11.8	Sandstone / Mudstone
	12.7	14.3	Coal		11.8	14.2	Broken Ground
	14.3	15.3	Mudstone		14.2	15.2	Solio
AK23	GL	1.4	Overburden	AK30	GL	1.5	Overburden
	1.4	11.8	Sandstone / Mudstone		1.5	10.5	Sandstone / Mudstone
	11.8	13.5	Broken Ground		10.5	14.3	Broken Ground
	13.5	14.5	Solio		14.3	15.3	Mudstone
AK26	GL	1.4	Overburden	AK31	GL	1.5	Overburden
	1.4	11.5	Sandstone / Mudstone		1.5	12.0	Sandstone / Mudstone
	11.5	13.8	Broken Ground		12.0	14.5	Broken Ground
	13.8	14.8	Solio		14.5	15.5	Solio
AK27	GL	1.5	Overburden	AK25	GL	1.5	Overburden
	1.5	12.0	Sandstone / Mudstone		1.5	12.0	Sandstone / Mudstone
	12.0	13.8	Soft		12.0	14.0	Soft
	13.8	14.8	Mudstone		14.0	15.0	Solio

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>30/4/14</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: CG
 Date: 30th April Client: CREESON Crew Details: R Edmunds
 Sheet: 2 of: 3 Working Day No. WEDNESDAY M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AS26	Gr	1.4	Overburden	AS31	Gr	1.5	Overburden
	1.4	12.5	Sandstone / Mudstone		1.5	12.7	Sandstone / Mudstone
	12.5	14.0	Coal		12.7	14.3	Coal
	14.0	15.0	Mudstone		14.3	15.3	Mudstone
AS27	Gr	1.5	Overburden	AI29	Gr	1.5	Overburden
	1.5	12.3	Sandstone / Mudstone		1.5	12.4	Sandstone / Mudstone
	12.3	14.0	Salt		12.4	14.5	Broken Ground
	14.0	15.0	Solid		14.5	15.5	Solid
AS28	Gr	1.5	Overburden	AI28	Gr	1.5	Overburden
	1.5	12.5	Sandstone / Mudstone		1.5	12.0	Sandstone / Mudstone
	12.5	14.2	Salt		12.0	14.4	Salt
	14.2	15.2	Solid		14.4	15.4	Solid
AS29	Gr	1.6	Overburden	AI27	Gr	1.5	Overburden
	1.6	11.8	Sandstone / Mudstone		1.5	11.8	Sandstone / Mudstone
	11.8	14.2	Salt		11.8	14.2	Salt
	14.2	15.2	Solid		14.2	15.2	Solid
AS30	Gr	1.5	Overburden	AI26	Gr	1.4	Overburden
	1.5	12.0	Sandstone / Mudstone		1.4	12.3	Sandstone / Mudstone
	12.0	14.3	Broken Ground		12.3	14.2	Salt
	14.3	15.3	Solid		14.2	15.2	Solid

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>A. [Signature]</u> Date: <u>30/4/14</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: CG
 Date: 30th April 2014 Client: GUESON Crew Details: REEDWARDS
 Sheet: 3 of: 3 Working Day No. WEDNESDAY M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AI25	Gr	1.5	Overburden				
		1.5	12.6	Sandstone / Mudstone			
		12.6	14.2	Coal			
		14.2	15.2	Mudstone			
AI 24	Gr	1.5	Overburden				
		1.5	12.5	Sandstone / Mudstone			
		12.5	14.0	Soft			
		14.0	15.0	Solid			
AI 23	Gr	9.0	Soft				
		9.0	12.0	Solid			
AI23a	Gr	6.0	Soft				
		6.0	9.0	Solid			
AI23 b	Gr	9.0	Soft				
		9.0	12.0	Solid			
AI23c	Gr	9.0	Soft				
		9.0	12.0	Solid			

Remarks	Totals	Boreholes	Drilled	Cased
	Today	26	378.2	
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>30/4/14</u>	Previous	61	917.2	
Signed by Client: _____ Date: _____	To Date	87	1295.4	



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: T59
 Date: 30-04-14 Client: Gleasons Crew Details: J. LEE
 Sheet: 1 of: 2 Working Day No. wednesday T. JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
AJ19	0.0	1.5	Clay	A019	0.0	1.5	Clay
	1.5	11.5	mudstone		1.5	11	mudstone
	11.5	13.5	Soft		11	13.7	Broken Ground
	13.5	14.5	mudstone		13.7	14.7	Hard Strata
AK19	0.0	1.5	Clay	API9	0.0	1.5	Clay
	1.5	11.5	mudstone		1.5	11.3	mudstone
	11.5	13.6	Soft		11.3	13.4	Soft
	13.6	14.6	mudstone		13.4	14.4	mudstone
AL19	0.0	1.5	Clay	412	0.0	1.6	Clay
	1.5	11.7	mudstone		1.6	13	mudstone
	11.7	13.3	Coal		13	15	Soft
	13.3	14.3	mudstone		15	16	mudstone
AM19	0.0	1.5	Clay	T12	0.0	1.6	Clay
	1.5	11.2	mudstone		1.6	13.5	mudstone
	11.2	13.8	Broken Ground		13.5	15.5	Soft
	13.8	14.8	Hard Strata		15.5	16.5	mudstone
AN19	0.0	1.5	Clay	S12	0.0	1.6	Clay
	1.5	11.3	mudstone		1.6	14	mudstone
	11.3	13.3	Soft		14	15.6	Coal
	13.3	14.3	mudstone		15.6	16.6	mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>J. Lee</u> Date: <u>30-04-14</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: CG
 Date: 1st May 2014 Client: GLEESON Crew Details: R EDWARDS
 Sheet: 1 of 3 Working Day No. THURSDAY M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AH23	GL	1.5	Overburden	AH28	GL	1.5	Overburden
	1.5	10.8	Sandstone / Mudstone		1.5	12.8	Sandstone / Mudstone
	10.8	14.2	Broken Ground		12.8	14.5	Salt
	14.2	15.2	Solid		14.5	15.5	Mudstone
AH24	GL	1.6	Overburden	AH29	GL	1.5	Overburden
	1.6	12.7	Sandstone / Mudstone		1.5	13.0	Sandstone / Mudstone
	12.7	14.3	Coal		13.0	14.6	Salt
	14.3	15.3	Mudstone		14.6	15.6	Solid
AH25	GL	1.4	Overburden	AG23	GL	1.5	Overburden
	1.4	12.8	Sandstone / Mudstone		1.5	10.7	Sandstone / Mudstone
	12.8	14.3	Coal		10.7	14.3	Salt
	14.3	15.3	Mudstone		14.3	15.3	Solid
AH26	GL	1.5	Overburden	AG24	GL	1.6	Overburden
	1.5	13.0	Sandstone / Mudstone		1.6	13.7	Sandstone / Mudstone
	13.0	14.6	Coal		13.7	14.3	Salt
	14.6	15.6	Mudstone		14.3	15.3	Solid
AH27	GL	1.5	Overburden	AG25	GL	1.6	Overburden
	1.5	12.0	Sandstone / Mudstone		1.6	11.8	Sandstone / Mudstone
	12.0	14.5	Salt		11.8	14.5	Salt
	14.5	15.5	Solid		14.5	15.5	Solid

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>1/5/14</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: 1st MAY 2014 Client: GREENSON Crew Details: R EDWARDS
 Sheet: 2 of: 3 Working Day No. Thursday M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AG26	Gr	1.4	Overburden	AF24	Gr	1.5	Overburden
	1.4	12.0	Sandstone / Mudstone		1.5	12.0	Sandstone / Mudstone
	12.0	14.3	Soft		12.0	14.8	Broken Ground
	14.3	15.3	Solid		14.8	15.8	Solid
AG27	Gr	1.5	Overburden	AF25	Gr	1.5	Overburden
	1.5	12.5	Sandstone / Mudstone		1.5	11.8	Sandstone / Mudstone
	12.5	14.2	Coal		11.8	14.6	Soft
	14.2	15.2	Mudstone		14.6	15.6	Solid
AG28	Gr	1.4	Overburden	AF26	Gr	1.4	Overburden
	1.4	12.7	Sandstone / Mudstone		1.4	13.0	Sandstone / Mudstone
	12.7	14.7	Soft		13.0	14.5	Coal
	14.7	15.7	Solid		14.5	15.5	Mudstone
AG29	Gr	1.5	Overburden	AF27	Gr	1.5	Overburden
	1.5	12.5	Sandstone / Mudstone		1.5	12.8	Sandstone / Mudstone
	12.5	14.8	Soft		12.8	14.5	Broken Ground
	14.8	15.8	Solid		14.5	15.5	Solid
AF23	Gr	1.5	Overburden	AF28	Gr	1.6	Overburden
	1.5	12.9	Sandstone / Mudstone		1.6	13.0	Sandstone / Mudstone
	12.9	14.8	Soft		13.0	14.6	Coal
	14.8	15.8	Solid		14.6	15.6	Mudstone

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: GROTHORPE Rig Type: C6
 Date: 1st May 2014 Client: GEESON Crew Details: R EDWARDS
 Sheet: 3 of: 3 Working Day No. Thursday M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AE29	Gr	1.5	Overburden				
		1.5	12.8	Sandstone / Mudstone			
		12.8	14.8	Broken Ground			
		14.8	15.8	Solio			
AE26	Gr	1.5	Overburden				
		1.5	13.0	Sandstone / Mudstone			
		13.0	14.6	Broken Ground			
		14.6	15.6	Solio			
AE25	Gr	1.5	Overburden				
		1.5	13.0	Sandstone / Mudstone			
		13.0	14.6	Coal			
		14.6	15.6	Mudstone			

Remarks	Totals	Boreholes	Drilled	Cased
		23	356.9	
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>1/5/14</u>	Previous	87	1295.4	
Signed by Client: _____ Date: _____	To Date	110	1652.3	



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: TS9
 Date: 01-05-14 Client: Gleeson's Crew Details: J. LEE
 Sheet: 1 of: 2 Working Day No. Thursday T. JEPSON

BH	From	To	Strata Description	BH	From	To	Strata Description
Q12	0.0	1.7	Clay	P10	0.0	1.6	Clay
	1.7	14.8	mudstone		1.6	15	mudstone
	14.8	16.8	soft		15	16.7	soft
	16.8	17.8	mudstone		16.7	17.7	mudstone
Q13	0.0	1.7	Clay	U11	0.0	1.6	Clay
	1.7	14.8	mudstone		1.6	13.2	mudstone
	14.8	16.7	Soft		13.2	15	Soft
	16.7	17.7	mudstone		15	16	mudstone
P12	0.0	1.7	Clay	T11	0.0	1.6	Clay
	1.7	15	mudstone		1.6	13.3	mudstone
	15	16.8	Soft		13.3	15.3	Soft
	16.8	17.8	mudstone		15.3	16.3	mudstone
P13	0.0	1.7	Clay	S11	0.0	1.6	Clay
	1.7	15	mudstone		1.6	12.7	mudstone
	15	16.8	Soft		12.7	15.7	Broken Ground
	16.8	17.8	mudstone		15.7	16.7	Hard Strata
P11	0.0	1.7	Clay	R11	0.0	1.7	Clay
	1.7	15	mudstone		1.7	13.8	mudstone
	15	17	Soft		13.8	16	Soft
	17	18	mudstone		16	17	mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division):  Date: <u>01-05-14</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: XP
 Date: 11/5/14 Client: Eleesons Crew Details: D. Gaylor
 Sheet: 1 of: 2 Working Day No. Thur J-flint

BH	From	To	Strata Description	BH	From	To	Strata Description
017	Gr	1.5	Overburden	012	Gr	1.6	Overburden
	1.5	15.5	Mudstone		1.6	15.3	Mudstone
	15.5	17.5	Soft Ground		15.3	17.00	Coal
	17.5	18.5	Mudstone		17.00	18.00	Mudstone
016	Gr	1.6	Overburden	011	Gr	1.6	Overburden
	1.6	15.2	Mudstone		1.6	15.4	Mudstone
	15.2	17.2	Soft Ground		15.4	17.1	Coal
	17.2	18.2	Mudstone		17.1	18.1	Mudstone
015	Gr	1.6	Overburden	010	Gr	1.6	Overburden
	1.6	15.5	Mudstone		1.6	15.3	Mudstone
	15.5	17.1	Coal		15.3	16.9	Coal
	17.1	18.1	Mudstone.		16.9	18.00	Mudstone.
014	Gr	1.6	Overburden	L5	Gr	1.5	Overburden
	1.6	15.00	Mudstone		1.5	16.00	Mudstone
	15.00	17.00	Soft Ground		16.00	18.2	Broken Ground
	17.00	18.00	Mudstone.		18.2	19.2	Soils
013	Gr	1.6	Overburden	L4	Gr	1.5	Overburden
	1.6	15.2	Mudstone		1.5	16.2	Mudstone
	15.2	17.1	Soft Ground		16.2	18.2	Soft Ground
	17.1	18.1	Mudstone		18.2	19.2	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
	Today			
Signed by Sirius Remediation Ltd (Drilling Division): 	Previous			
Date: <u>11/5/14</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. 25464 Contract Name: Goddthorpe Rig Type: XP
 Date: 1/5/14 Client: Gleasons Crew Details: D. Gaylor
 Sheet: 2 of 2 Working Day No. Thurs J-flint

BH	From	To	Strata Description	BH	From	To	Strata Description
K5	GL	1.5	Overburden	J4	GL	1.5	Overburden
	1.5	16.3	Mudstone		1.5	16.8	Mudstone
	16.3	18.4	Soft Ground		16.8	18.4	Coarse
	18.4	19.4	Mudstone		18.4	19.4	Mudstone
K4	GL	1.5	Overburden	I5	GL	1.4	Overburden
	1.5	16.3	Mudstone		1.4	16.8	Mudstone
	16.3	18.3	Soft Ground		16.8	18.4	Coarse
	18.3	19.3	Mudstone		18.4	19.4	Mudstone
J4	GL	1.5	Overburden	H3	GL	1.5	Overburden
	1.5	16.4	Mudstone		1.5	16.7	Mudstone
	16.4	18.3	Soft Ground		16.7	18.7	Soft Ground
	18.3	19.3	Mudstone		18.7	19.7	Mudstone
J5	GL	1.4	Overburden	H4	GL	1.5	Overburden
	1.4	16.6	Mudstone		1.5	16.8	Mudstone
	16.6	18.2	Coarse		16.8	18.4	Coarse
	18.2	19.2	Mudstone		18.4	19.4	Mudstone
I3	GL	1.5	Overburden				
	1.5	16.5	Mudstone				
	16.5	18.5	Soft Ground				
	18.5	19.5	Mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
		19,	358	
Signed by Sirius Remediation Ltd (Drilling Division):  Date: <u>1/5/14</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: Goodthorpe Rig Type: C62
 Date: 1/5/14 Client: Gleeson Homes Crew Details: Ryan Edwards
 Sheet: 1 of 2 Working Day No. Thur Danny Harrod.

BH	From	To	Strata Description	BH	From	To	Strata Description
A10	0.00	1.50	oB	A10	0.00	1.50	oB
	1.50	17.20	Sandstone-mudstone		1.50	18.00	Sandstone-mudstone
	17.20	14.20	Broken Ground		18.00	19.50	Coal
	14.20	15.20	SOLID		19.50	20.50	Sandstone
A11	0.00	1.50	oB	B11	0.00	1.50	oB
	1.50	17.10	sandstone-mudstone		1.50	18.20	Sandstone-mudstone
	17.10	13.80	soft		18.20	19.70	soft
	13.80	14.80	SOLID		19.70	20.70	SOLID
A12	0.00	1.50	oB	B10	0.00	1.50	oB
	1.50	17.00	sandstone-mudstone		1.50	18.00	Sandstone-mudstone
	17.00	14.50	Broken Ground		18.00	19.40	Coal
	14.50	15.50	SOLID		19.40	20.40	Sandstone
A13	0.00	1.50	oB	C11	0.00	1.50	oB
	1.50	17.20	Sandstone-mudstone		1.50	18.30	Sandstone-mudstone
	17.20	13.80	soft		18.30	20.30	soft
	13.80	14.80	SOLID		20.30	21.30	SOLID
A14	0.00	1.50	oB	C10	0.00	1.50	oB
	1.50	17.80	Sandstone-mudstone		1.50	18.30	Sandstone-mudstone
	17.80	19.30	Coal		18.30	20.00	soft
	19.30	20.30	Sandstone		20.00	21.00	SOLID

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>1/5/14</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: 1/5/14 Client: Gleeson Homes Crew Details: Ryan Edmond
 Sheet: 2 of: 2 Working Day No. thur Danny Harrook

BH	From	To	Strata Description	BH	From	To	Strata Description
C9	0.00	1.50	oB	E10	0.00	1.50	oB
	1.50	18.20	sandstone-mudstone		1.50	17.90	sandstone-mudstone
	18.20	19.20	soft		17.90	19.40	soft
	19.20	20.20	SOLID.		19.40	20.40	SOLID.
D11	0.00	1.50	oB	E9	0.00	1.50	oB
	1.50	17.90	sandstone-mudstone		1.50	17.70	sandstone-mudstone
	17.90	19.40	coal		17.70	19.70	Broken Ground.
	19.40	20.40	sandstone.		19.70	20.70	SOLID.
D10	0.00	1.50	oB	F11	0.00	1.50	oB
	1.50	17.80	sandstone-mudstone		1.50	18.10	sandstone-mudstone
	17.80	19.30	coal		18.10	19.50	Coal
	19.30	20.30	sandstone		19.50	20.50	sandstone.
D9	0.00	1.50	oB	F10	0.00	1.50	oB
	1.50	18.00	sandstone-mudstone		1.50	18.00	sandstone-mudstone
	18.00	20.00	soft		18.00	19.40	coal
	20.00	21.00	SOLID.		19.40	20.40	sandstone.
E11	0.00	1.50	oB				
	1.50	17.80	sandstone-mudstone				
	17.80	19.30	coal				
	19.30	20.30	sandstone.				

Remarks	Totals	Boreholes	Drilled	Cased
		19	368.7	
Signed by Sirius Remediation Ltd (Drilling Division): <u>R. Edmond</u> Date: <u>1/5/14</u>	Previous	263	4685.9	
Signed by Client: _____ Date: _____	To Date	282	5054.6	



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: 2nd May 2014 Client: GREESON Crew Details: R EDWARDS
 Sheet: 1 of: 3 Working Day No. FRIDAY M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AE24	Gr	1.4	Overburden	AD26	Gr	1.6	Overburden
	1.4	12.6	Sandstone / Mudstone		1.6	13.4	Sandstone / Mudstone
	12.6	14.7	Broken Ground		13.4	15.0	Coal
	14.7	15.7	Solio		15.0	16.0	Mudstone
AE23	Gr	1.5	Overburden	AC25	Gr	1.5	Overburden
	1.5	12.0	Sandstone / Mudstone		1.5	13.5	Sandstone / Mudstone
	12.0	14.7	Soft		13.5	15.0	Coal
	14.7	15.7	Solio		15.0	16.0	Mudstone
AD23	Gr	1.4	Overburden	Y24	Gr	1.4	Overburden
	1.4	11.4	Sandstone / Mudstone		1.4	14.0	Sandstone / Mudstone
	11.4	14.7	Broken Ground		14.0	15.6	Coal
	14.7	15.7	Solio		15.6	16.6	Mudstone
AD24	Gr	1.6	Overburden	AD21	Gr	1.4	Overburden
	1.6	13.2	Sandstone / Mudstone		1.4	12.0	Sandstone / Mudstone
	13.2	14.7	Coal		12.0	15.0	Broken Ground
	14.7	15.7	Mudstone		15.0	16.0	Solio
AD25	Gr	1.6	Overburden	AE21	Gr	1.4	Overburden
	1.6	13.4	Sandstone / Mudstone		1.4	13.2	Sandstone / Mudstone
	13.4	15.0	Soft		13.2	14.8	Coal
	15.0	16.0	Solio		14.8	15.8	Mudstone

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>2/5/14</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: GOLDITORRE Rig Type: C6
 Date: 2nd MAY 2014 Client: CREESON Crew Details: R EDWARDS
 Sheet: 2 of: 3 Working Day No. Friday M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AF21	Gr	1.6	Overburden	AK21	Gr	1.3	Overburden
	1.6	13.0	Sandstone / Mudstone		1.3	12.0	Sandstone / Mudstone
	13.0	14.6	Coal		12.0	13.8	Beacon Crowned
	14.6	15.6	Mudstone		13.8	14.8	Solid
AG21	Gr	1.5	Overburden	AL21	Gr	1.3	Overburden
	1.5	13.0	Sandstone / Mudstone		1.3	11.8	Sandstone / Mudstone
	13.0	14.6	Coal		11.8	13.5	Salt
	14.6	15.6	Mudstone		13.5	14.5	Mudstone
AH21	Gr	1.4	Overburden	AM21	Gr	1.4	Overburden
	1.4	12.8	Sandstone / Mudstone		1.4	11.5	Sandstone / Mudstone
	12.8	14.4	Salt		11.5	13.3	Beacon Crowned
	14.4	15.4	Mudstone		13.3	14.3	Solid
AI21	Gr	1.3	Overburden	AN21	Gr	1.3	Overburden
	1.3	12.5	Sandstone / Mudstone		1.3	11.2	Sandstone / Mudstone
	12.5	14.0	Coal		11.2	13.2	Salt
	14.0	15.0	Mudstone		13.2	14.2	Solid
AJ21	Gr	1.3	Overburden	AO21	Gr	1.2	Overburden
	1.3	12.3	Sandstone / Mudstone		1.2	11.0	Sandstone / Mudstone
	12.3	14.0	Salt		11.0	13.2	Salt
	14.0	15.0	Solid		13.2	14.2	Solid

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>R Edwards</u> Date: <u>2/5/14</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: 2nd MAY 2014 Client: GREESON Crew Details: REEDWARDS
 Sheet: 3 of: 3 Working Day No. FRIDAY M Green

BH	From	To	Strata Description	BH	From	To	Strata Description
AB20	Gr	1.4	Overburden				
		1.4	13.8	Sandstone/Mudstone			
		13.8	15.3	Silt			
		15.3	16.3	Socio			
Ac20	Gr	1.5	Overburden				
		1.5	13.5	Sandstone/Mudstone			
		13.5	15.0	Broken Ground			
		15.0	16.0	Socio			
Ad20	Gr	1.4	Overburden				
		1.4	11.8	Sandstone/Mudstone			
		11.8	15.0	Broken Ground			
		15.0	16.0	Socio			

Remarks	Totals	Boreholes	Drilled	Cased
		23	356.4	
Signed by Sirius Remediation Ltd (Drilling Division): <u>A Edwards</u> Date: <u>2/5/14</u>	Previous	110	1652.3	
Signed by Client: _____ Date: _____	To Date	133	2008.7	



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: 2/5/14 Client: Gleasons Crew Details: D. Gaylor
 Sheet: 1 of 2 Working Day No. Feb J-flint

BH	From	To	Strata Description	BH	From	To	Strata Description
H5	G1	1.5	Overburden	F2	G1	1.4	Overburden
	1.5	17.05	Mudstone		1.4	17.3	Mudstone
	17.05	18.6	Coal		17.3	19.05	Soft / Coal Trace
	18.6	19.6	Mudstone		19.05	20.05	Mudstone.
G3	G1	1.4	Overburden	F3	G1	1.4	Overburden
	1.4	17.05	Mudstone		1.4	17.4	Mudstone
	17.05	18.6	Coal		17.4	19.3	Soft Ground
	18.6	19.6	Mudstone.		19.3	20.3	Mudstone
G4	G1	1.4	Overburden	F4	G1	1.4	Overburden
	1.4	17.1	Mudstone		1.4	17.5	Mudstone
	17.1	18.7	Coal		17.5	19.05	Coal
	18.7	19.7	Mudstone		19.05	20.05	Mudstone
G5	G1	1.4	Overburden	F5	G1	1.4	Overburden
	1.4	17.2	Mudstone		1.4	17.3	Mudstone
	17.2	18.8	Coal		17.3	19.3	Soft Ground
	18.8	19.8	Mudstone		19.3	20.3	Mudstone
G6	G1	1.4	Overburden	F6	G1	1.4	Overburden
	1.4	17.05	Mudstone		1.4	17.6	Mudstone
	17.05	19.05	Soft Ground		17.6	19.6	Soft Ground
	19.05	20.05	Mudstone.		19.6	20.6	Mudstone.

Remarks	Totals	Boreholes	Drilled	Cased
Signed by Sirius Remediation Ltd (Drilling Division): <u>[Signature]</u> Date: <u>2/5/14</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: XP
 Date: 21/5/14 Client: Gleasons Crew Details: D. Gaylor
 Sheet: 2 of: 2 Working Day No. fri J. Flint

BH	From	To	Strata Description	BH	From	To	Strata Description
E2	G	1.4	Overburden	D2	G	1.4	Overburden
	1.4	17.6	Mudstone		1.4	17.8	Mudstone
	17.6	19.8	Soft Ground		17.8	20.00	Soft Ground
	19.8	20.8	Mudstone.		20.00	21.00	Mudstone.
E3	G	1.4	Overburden	D3	G	1.4	Overburden
	1.4	17.6	Mudstone		1.4	17.7	Mudstone
	17.6	19.7	Soft Ground		17.7	20.4	Broken Ground
	19.7	20.7	Mudstone.		20.4	21.4	Soils.
E4	G	1.4	Overburden	D4	G	1.4	Overburden
	1.4	17.6	Mudstone		1.4	18.20	Mudstone
	17.6	19.6	Soft Ground		18.20	20.3	Broken Ground
	19.6	20.6	Mudstone		20.3	21.3	Soils.
E5	G	1.4	Overburden				
	1.4	17.6	Mudstone				
	17.6	19.9	Soft Ground				
	19.9	21.20	Mudstone				
E6	G	1.4	Overburden				
	1.4	17.7	Mudstone				
	17.7	19.8	Soft Ground				
	19.8	20.8	Mudstone				

Remarks	Totals	Boreholes	Drilled	Cased
		18.	367.5	
Signed by Sirius Remediation Ltd (Drilling Division): <u>D. Gaylor</u> Date: <u>21/5/14</u>	Previous			
Signed by Client: _____ Date: _____	To Date			