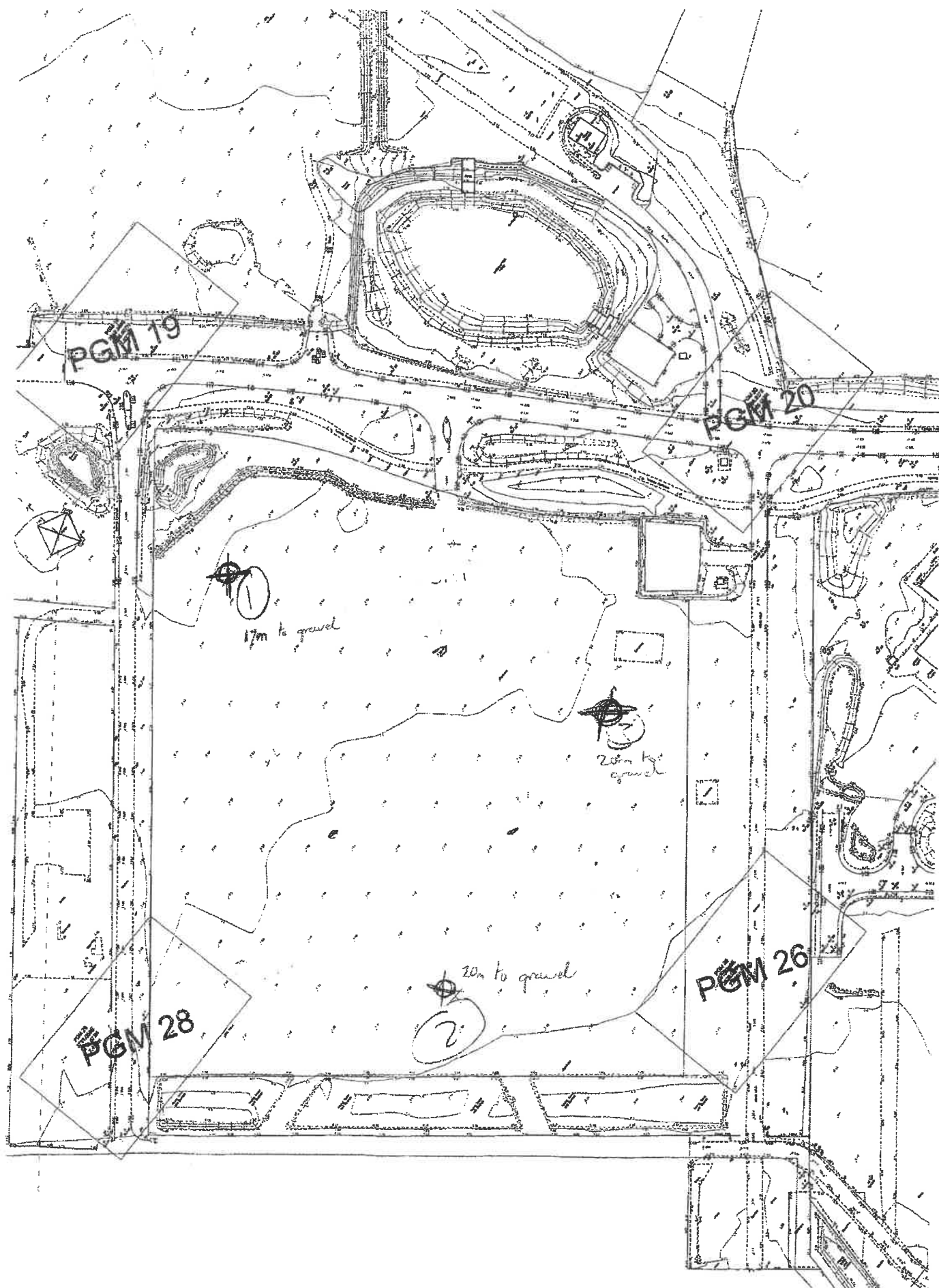






APEX DRILLING SERVICES

Tel: 01656 749149

BDA Accredited



Contract Name POTS Baglan

Contract No

Date Tues 28/11/06

Borehole No BH1

Borehole Diameter 200mm

Client E.S.P.

Order No

Driller MIKE MURPHY

Crewman A. Collier

Sheet 1 of 1

CABLE TOOL DAILY DRILLING LOG

CASING USED		WATER STRIKES		WATER LEVELS		QUANTITIES		STRATA		SAMPLES		PENETRATION TESTS						CHISELLING			
Size (mm)	150	200	250	Depth to	3.8	4.0	4.2	Borehole depth	from	to	Type	No	Depth from	Depth to	75 mm	75 mm	75 mm	75 mm	Water Levels	Casing Depth	CHISELLING from/to
mottled grey to blue																					
waiting for site access																					
set up on DTH																					
Digging inspection pit																					
compacted clay fill																					
sand & clay boulders																					
grey sand & water																					
Dark grey sand (loose)																					
End of shift.																					
Site Move 1 x site mob 7m																					
Boring & Sampling 2 hrs																					
Chiselling 7m																					
Casing Borehole 1 No																					
Moving between Boreholes 1/2 hrs																					
Dayworks Digging pit 1/2 hrs																					
Miscellaneous																					
Delays / Standing hrs																					
Reasons																					
MATERIALS																					
Remarks <u>unstable to dig pit through clay - instructed to drill.</u>																					
Signed (Driller) <u>MI. Murphy</u>																		Signed for Client			



Contract Name Plot 3 Baglan

Contract No VED 29/11/06

Date 29/11/06

Borehole No BH1

Borehole Diameter 200mm

Client C.S.P

Order No Mike Masbury

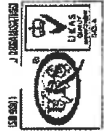
Driller A. Collier

Crewmen A. Collier

Sheet 1 of 1

CABLE TOOL DAILY DRILLING LOG

Casing Used		STRATA		SAMPLES		PENETRATION TESTS					Water Levels		CHISELLING	
Size (mm)	Depth to	from	to	Type	No	Depth from	Depth to	75 mm	75 mm	75 mm	75 mm	Casing Depth	from/to	hours
WATER STRIKES		BH 20 7m		G	17	6.5	8m	2	1	2	2	2		
Depth		grey sands (blowing)		S	18	8	8.45	2	2	2	2	2		
Inflow (fast med seepage)		light grey sand (blowing)		S	19	8	9.5	2	2	2	2	2		
Water level after 20 mins				S	20	9.5	9.95	2	2	2	2	2		
Depth sealed off				S	21	9.5	11m							
WATER LEVELS														
Borehole depth		3.5												
Casing depth		7m												
Depth of water		3.2												
Time of day		8pm												
QUANTITIES														
Site Move														
Boring & Sampling														
Chiselling														
Casing Borehole														
Moving between Boreholes														
Dayworks		making casing 8m												
Miscellaneous														
Delays / Standing														
Reasons														
MATERIALS														
1x Borehole														
Remarks		getchj water bore 11m		Signed (Driller)		Signed for Client								



Tel: 01656 749149

POSTING OF THE CONTRACT

Sheet _____ of _____

[illegible]

Remarks	Signed (Driller)	Signed for Client
	M. McArthur	

	Blue - Client's Copy	Yellow - QS' Copy	White - Site Copy
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APEX DRILLING SERVICES

Tel: 01656 749149

BDA Accredited



Contract Name Plot 3 Baylun
Contract No
Date 8/12/06
Borehole No 3H2 cent.
Borehole Diameter 200 + 150

Client G.S.P.
Order No
Driller Mike Mearns
Crewmen A. Collier
Sheet 1 of 2

CABLE TOOL DAILY DRILLING LOG

Casing Used		Strata Description		Strata		Samples		Penetration Tests					Casing Depth	Chiselling	
Size (mm)	Depth to	from	to	Type	No	Depth from	Depth to	75 mm	75 mm	75 mm	75 mm	75 mm	Water Levels	from/to	hours
WATER STRIKES															
Depth		Pulled 8" casing													
Inflow (test med seepage)		borehole rig fitted 2" cores													
Water level after 20 mins		Bp site for Swansea													
Depth sealed off															
WATER LEVELS															
Borehole depth															
Casing depth															
Depth of water															
Time of day															
QUANTITIES															
Site Move															
Boring & Sampling	m														
Chiselling	hrs														
Casing Borehole	m														
Moving between Boreholes	No														
Dayworks	hrs														
Miscellaneous															
Delays / Standing Reasons	hrs														
MATERIALS															
Remarks															
Signed (Driller)												Signed for Client			

pd - M. Mearns

Surgeon Alberto Aguiar



Contract Name Plot 3 Baylen
Contract No. 7/12/06
Date BH2
Borehole No. const
Borehole Diameter 200 + 150mm

Client C.S.P.
Order No. BH2
Driller MIKE McAuley
Crewman Andrew Collier

Tel: 01656 749149
BDA Accredited

Sheet 1 of 1

CABLE TOOL DAILY DRILLING LOG

Casing Used		Strata		Samples		Penetration Tests				Water Levels	Casing Depth	Chiselling
Size (mm)	Depth to	from	to	Type	No	Depth from	Depth to	75 mm	75 mm	75 mm	from/to	hours
WATER STRIKES												
Depth												
Inflow (test med seepage)												
Water level after 20 mins												
Depth sealed off												
WATER LEVELS												
Borehole depth	17m											
Casing depth	11.5m											
Depth of water	6m											
Time of day	10am											
QUANTITIES												
Site Move												
Boring & Sampling	m											
Chiselling	hrs											
Casing Borehole	m											
Moving between Boreholes	No											
Dayworks	hrs											
Miscellaneous												
Delays / Standing	hrs											
Reasons												
MATERIALS												

Remarks

Signed (Driller)

Signed for Client

M. McAuley



APEX DRILLING SERVICES

Tel: 01656 749149

BDA Accredited



Contract Name Plot 3 Dargleem
Contract No WCP 6/12/06
Date BH2
Borehole No 200m
Borehole Diameter 200mm

Client C.S.P.
Order No Mike McAnulty
Driller A. Collier
Crewman

BH2

CABLE TOOL DAILY DRILLING LOG

Sheet 1 of 1

Casing Used		STRATA		SAMPLES		PENETRATION TESTS						CHISELLING		
Size (mm)	Depth to	from	to	Type	No	Depth from	Depth to	75 mm	75 mm	75 mm	75 mm	Water Levels	Casing Depth	CHISELLING from/to
WATER STRIKES														
Depth	1.5	9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
Inflow (first med seepage)	1.5	9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
Water level after 20 mins	1.5	9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
Depth sealed off	1.5	9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
WATER LEVELS														
Borehole depth	11.5	9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
Casing depth	11.5	9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
Depth of water	7.4	9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
Time of day	5.04	9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
QUANTITIES														
Site Move		9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
Boring & Sampling	11.5 m	9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
Chiselling	1 hrs	9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
Casing Borehole	11.5 m	9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
Moving between Boreholes	1 No	9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
Dayworks	1 hrs	9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
Miscellaneous		9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
Delays / Standing	hrs	9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
Reasons		9k	1.2	1	1	1.45	1.2	1	1	1	1	2		0.3
MATERIALS														
Remarks														
Signed (Driller) <u>Mr. McAnulty</u>														
Signed for Client														



Tel: 01656 749149

HDA Accredited

Borehole Diameter

Crewmen

Sheet _____ of _____

CABLE TOOL DAILY DRILLING LOG

CASING USED				CHISELLING	
Size (mm)	150	200	250	from/to	hours
Depth to					
WATER STRIKES					
Depth					
Inflow (last used seepage)					
Water level after 20 mins					
Depth sealed off					
WATER LEVELS					
Borehole depth					
Casing depth					
Depth of water					
Time of day					
QUANTITIES					
Site Move					
Boring & Sampling	m				
Chiselling	hrs				
Casing Borehole	m				
Moving between Boreholes	No				
Dayworks	hrs				
Miscellaneous					
Delays / Standing	hrs				
Reasons					
MATERIALS					
STRATA DESCRIPTION from to Depth in STRATA from to Depth in SAMPLES Type No Depth in PENETRATION TESTS 75 mm 75 mm 75 mm 75 mm 75 mm 75 mm Water Levels Casing Depth CHISELLING from/to hours					
Remarks				Signed (Driller)	
				Signed for Client	

Blue - Client's Copy	Yellow - QS Copy	White - Site Copy
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Tel: 01656 749149

BQA Accredited

CABLE TOOL DAILY DRILLING LOG
BQA Accredited

CASING USED				STRATA DESCRIPTION				STRATA		SAMPLES		PENETRATION TESTS						WATER LEVELS		CHISELLING	
Size (mm)	150	200	250	Depth to	from	to	Type	No	Depth from	Depth to	75 mm	76 mm	75 mm	76 mm	75 mm	76 mm	Water Levels	Casing Depth	from/to	hours	
WATER STRIKES				Boring and sand to 11. Residual 6'-				11.1		19		11.1		4		5					
WATER LEVELS				Gray sand				16.1		22		12.5		1		1					
WATER LEVELS				Gray silty clay				19.1		23		14		1		1					
WATER LEVELS				Gravelly bentonite clay				19.1		24		14		1		1					
WATER LEVELS				Dense gravel				20.1		25		15.5		2		2					
WATER LEVELS				Pulled 6' casing				11.1		26		15		13		below					
QUANTITIES				Bentonite				27		28		16		16.1		2					
QUANTITIES				1m clay				29		30		16.5		18		1					
QUANTITIES				Fine with face				31		32		18		19.5		1					
QUANTITIES				Gravel				33		34		19.5		20		4					
QUANTITIES				Gravel				35		36		20		20.1		8					
QUANTITIES				Gravel				37		38		20.1		20.1		8					
QUANTITIES				Gravel				39		40		20.1		20.1		8					
QUANTITIES				Gravel				41		42		20.1		20.1		8					
QUANTITIES				Gravel				43		44		20.1		20.1		8					
QUANTITIES				Gravel				45		46		20.1		20.1		8					
QUANTITIES				Gravel				47		48		20.1		20.1		8					
QUANTITIES				Gravel				49		50		20.1		20.1		8					
QUANTITIES				Gravel				51		52		20.1		20.1		8					
QUANTITIES				Gravel				53		54		20.1		20.1		8					
QUANTITIES				Gravel				55		56		20.1		20.1		8					
QUANTITIES				Gravel				57		58		20.1		20.1		8					
QUANTITIES				Gravel				59		60		20.1		20.1		8					
QUANTITIES				Gravel				61		62		20.1		20.1		8					
QUANTITIES				Gravel				63		64		20.1		20.1		8					
QUANTITIES				Gravel				65		66		20.1		20.1		8					
QUANTITIES				Gravel				67		68		20.1		20.1		8					
QUANTITIES				Gravel				69		70		20.1		20.1		8					
QUANTITIES				Gravel				71		72		20.1		20.1		8					
QUANTITIES				Gravel				73		74		20.1		20.1		8					
QUANTITIES				Gravel				75		76		20.1		20.1		8					
QUANTITIES				Gravel				77		78		20.1		20.1		8					
QUANTITIES				Gravel				79		80		20.1		20.1		8					
QUANTITIES				Gravel				81		82		20.1		20.1		8					
QUANTITIES				Gravel				83		84		20.1		20.1		8					
QUANTITIES				Gravel				85		86		20.1		20.1		8					
QUANTITIES				Gravel				87		88		20.1		20.1		8					
QUANTITIES				Gravel				89		90		20.1		20.1		8					
QUANTITIES				Gravel				91		92		20.1		20.1		8					
QUANTITIES				Gravel				93		94		20.1		20.1		8					
QUANTITIES				Gravel				95		96		20.1		20.1		8					
QUANTITIES				Gravel				97		98		20.1		20.1		8					
QUANTITIES				Gravel				99		100		20.1		20.1		8					
QUANTITIES				Gravel				101		102		20.1		20.1		8					
QUANTITIES				Gravel				103		104		20.1		20.1		8					
QUANTITIES				Gravel				105		106		20.1		20.1		8					
QUANTITIES				Gravel				107		108		20.1		20.1		8					
QUANTITIES				Gravel				109		110		20.1		20.1		8					
QUANTITIES				Gravel				111		112		20.1		20.1		8					
QUANTITIES				Gravel				113		114		20.1		20.1		8					
QUANTITIES				Gravel				115		116		20.1		20.1		8					
QUANTITIES				Gravel				117		118		20.1		20.1		8					
QUANTITIES				Gravel				119		120		20.1		20.1		8					
QUANTITIES				Gravel				121		122		20.1		20.1		8					
QUANTITIES				Gravel				123		124		20.1		20.1		8					
QUANTITIES				Gravel				125		126		20.1		20.1		8					
QUANTITIES				Gravel				127		128		20.1		20.1		8					
QUANTITIES				Gravel				129		130		20.1		20.1		8					
QUANTITIES				Gravel				131		132		20.1		20.1		8					
QUANTITIES				Gravel				133		134		20.1		20.1		8					
QUANTITIES				Gravel				135		136		20.1		20.1		8					
QUANTITIES				Gravel				137		138		20.1		20.1		8					
QUANTITIES				Gravel				139		140		20.1		20.1		8					
QUANTITIES				Gravel				141		142		20.1		20.1		8					
QUANTITIES				Gravel				143		144		20.1		20.1		8					
QUANTITIES				Gravel				145		146		20.1		20.1		8					
QUANTITIES				Gravel				147		148		20.1		20.1		8					
QUANTITIES				Gravel				149		150		20.1		20.1		8					
QUANTITIES				Gravel				151		152		20.1		20.1		8					
QUANTITIES				Gravel				153		154		20.1		20.1		8					
QUANTITIES				Gravel				155		156		20.1		20.1		8					
QUANTITIES				Gravel				157		158		20.1		20.1		8					
QUANTITIES				Gravel				159		160		20.1		20.1		8					
QUANTITIES				Gravel				161		162		20.1		20.1		8					
QUANTITIES				Gravel				163		164		20.1		20.1		8					
QUANTITIES				Gravel				165		166		20.1		20.1		8					
QUANTITIES				Gravel				167		168		20.1		20.1		8					
QUANTITIES				Gravel				169		170		20.1		20.1		8					
QUANTITIES				Gravel				171		172		20.1		20.1		8					
QUANTITIES				Gravel				173		174		20.1		20.1		8					
QUANTITIES				Gravel				175		176		20.1		20.1		8					
QUANTITIES				Gravel				177		178		20.1		20.1		8					
QUANTITIES				Gravel				179		180		20.1		20.1		8					
QUANTITIES				Gravel				181		182		20.1		20.1		8					
QUANTITIES				Gravel				183		184		20.1		20.1		8					
QUANTITIES				Gravel				185		186		20.1		20.1		8					
QUANTITIES				Gravel				187		188		20.1		20.1		8					
QUANTITIES				Gravel				189		190		20.1		20.1		8					
QUANTITIES				Gravel				191		192		20.1		20.1		8					
QUANTITIES				Gravel				193		194		20.1		20.1		8					
QUANTITIES				Gravel				195		196		20.1		20.1		8					
QUANTITIES				Gravel				197		198		20.1		20.1		8					
QUANTITIES				Gravel				199		200		20.1		20.1		8					
QUANTITIES				Gravel				201		202		20.1		20.1		8					
QUANTITIES				Gravel				203		204		20.1		20.1		8					
QUANTITIES				Gravel				205		206		20.1		20.1		8					
QUANTITIES				Gravel				207		208		20.1		20.1		8					
QUANTITIES				Gravel				209		210		20.1		20.1		8					
QUANTITIES				Gravel				211		212		20.1		20.1		8					
QUANTITIES				Gravel				213		214		20.1		20.1		8					
QUANTITIES				Gravel				215		216		20.1		20.1		8					
QUANTITIES				Gravel				217		218		20.1		20.1		8					
QUANTITIES				Gravel				219		220		20.1		20.1		8					
QUANTITIES				Gravel				221		222		20.1		20.1		8					
QUANTITIES				Gravel				223		224		20.1		20.1		8					
QUANTITIES				Gravel				225		226		20.1		20.1		8					
QUANTITIES				Gravel				227		228		20.1		20.1		8					
QUANTITIES				Gravel				229		230		20.1		20.1		8					
QUANTITIES				Gravel				231		232		20.1		20.1		8					
QUANTITIES				Gravel				233		234		20.1		20.1		8					
QUANTITIES				Gravel				235		236		20.1		20.1		8					
QUANTITIES				Gravel				237		238		20.1		20.1		8					
QUANTITIES				Gravel				239		240		20.1		20.1		8					
QUANTITIES				Gravel				241		242		20.1		20.1		8					
QUANTITIES				Gravel				243		244		20.1		20.1		8					
QUANTITIES				Gravel				245		246		20.1		20.1		8					
QUANTITIES				Gravel				247		248		20.1		20.1		8					
QUANTITIES				Gravel				249		250		20.1		20.1		8					
QUANTITIES				Gravel				251		252		20.1		20.1		8					
QUANTITIES				Gravel				253		254		20.1		20.1		8					
QUANTITIES				Gravel				255		256		20.1		20.1		8					
QUANTITIES				Gravel				257		258		20.1		20.1		8					
QUANTITIES				Gravel				259		260		20.1		20.1		8					
QUANTITIES				Gravel				261		262		20.1		20.1		8					
QUANTITIES				Gravel				263		264		20.1		20.1		8					
QUANTITIES				Gravel				265		266		20.1		20.1		8					
QUANTITIES				Gravel				267		268		20.1		20.1		8					
QUANTITIES				Gravel				269		270		20.1		20.1		8					
QUANTITIES				Gravel				271		272		20.1		20.1		8					
QUANTITIES				Gravel				273		274		20.1		20.1</							



APEX
DRILLING
SERVICES

Tel: 01656 749149

DA Accredited

Borehole No. BH3 cont.

Borehole Diameter 200mm

Client E.S.C.

Order No. _____

Driller MIKE McAndrew

Crewmen A. Callie

CABLE TOOL DAILY DRILLING LOG
BDA Approved

[illegible]

Signed for Client

Signed (Driller)

Remarks	Sands blowing off yr. — back to com. 11th.
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