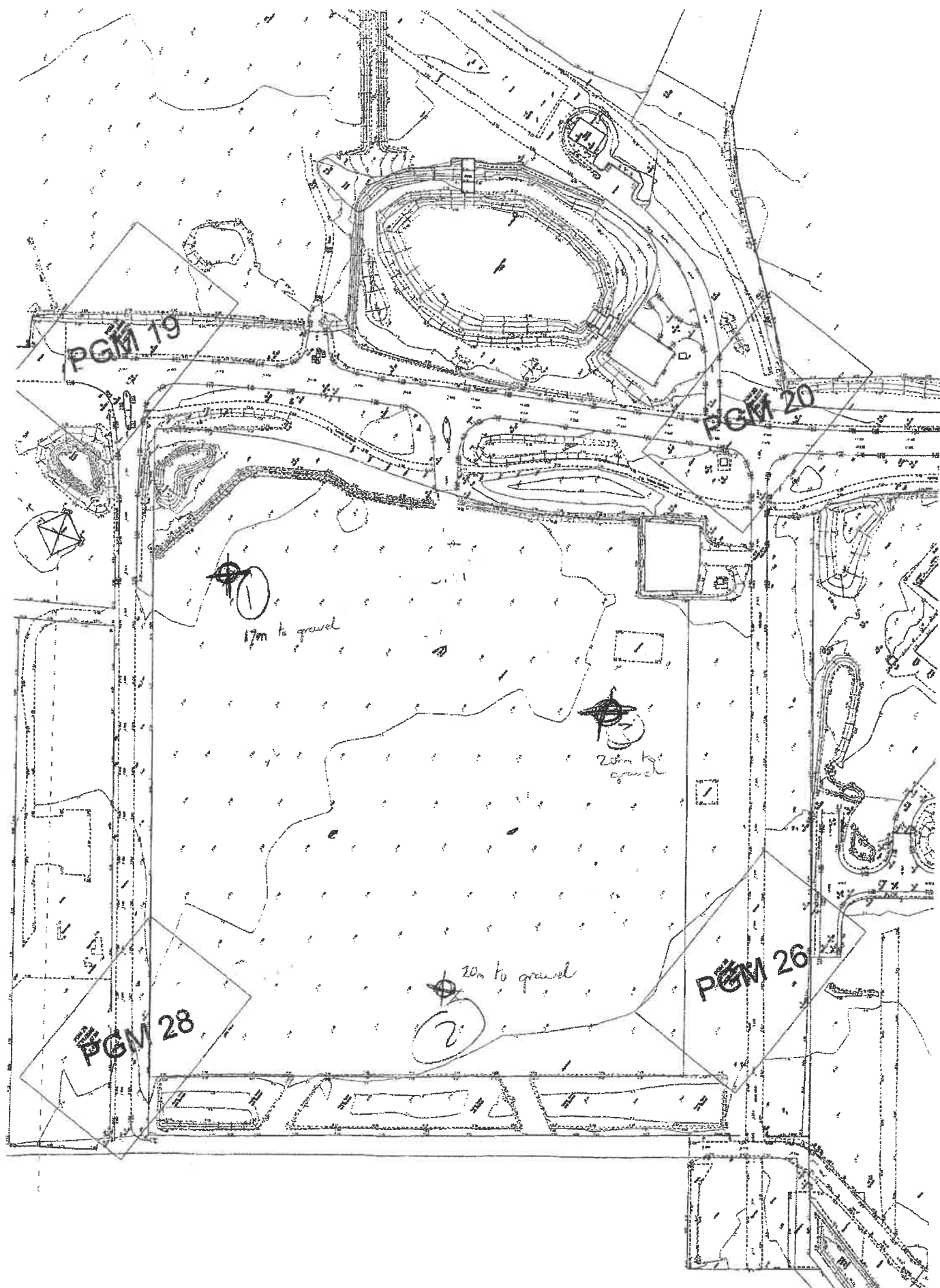






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Contract Name POTS Baglan

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		STRATA	SAMPLES	PENETRATION TESTS					Water Levels	Casing Depth	CHISELLING
Size (mm)	150 200 250			75 mm	75 mm	75 mm	75 mm	75 mm			
WATER STRIKES											
Depth											
Inflow (fast med seepage)											
Water level after 20 mins											
Depth sealed off											
WATER LEVELS											
Borehole depth											
Casing depth											
Depth of water											
Time of day											
QUANTITIES											
Site Move	1 X Site mob										
Boring & Sampling											
Chiselling											
Casing Borehole											
Moving between Boreholes											
Dayworks											
Miscellaneous											
Delays / Standing											
Reasons											
MATERIALS											
Remarks		unavailable to dig pit through slurry - instructed to drill.									
Signed (Driller)		M. Murphy									
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

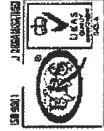
Casing Used		STRATA		SAMPLES		PENETRATION TESTS					Water Levels		CHISELLING	
Size (mm)	Depth to	from	to	Type	No	Depth from	Depth to	75 mm	75 mm	75 mm	75 mm	Casing Depth	from/to	hours
STRATA DESCRIPTION														
BH 20 7m														
grey sand (blowing)														
light grey sand (blowing)														
3m clay blowing sand														
with head of water														
casing very tight at 11m														
WATER STRIKES														
Depth														
Inflow (fast med seepage)														
Water level after 20 mins														
Depth sealed off														
WATER LEVELS														
Borehole depth	3.5													
Casing depth	7m													
Depth of water	3.2													
Time of day	8pm													
QUANTITIES														
Site Move														
Boring & Sampling	m													
Chiselling	hrs													
Casing Borehole	m													
Moving between Boreholes	No													
Dayworks	hrs													
Miscellaneous														
Delays / Standing	hrs													
Reasons														
MATERIALS														
1 x Borehole														
Remarks		Signed (Driller)										Signed for Client		
getchj water bore 11m		M. Masbury												



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Client E.S.P.

Order No

Driller MIKE McANULTY

Crewmen A. Collins

BH1

Contract Name Plot 3 Ballylan

Contract No

Date yes 30/11/06

Borehole No BH1 cont.

Borehole Diameter 200 + 150mm

CABLE TOOL DAILY DRILLING LOG

Sheet 1 of 1

Casing Used		Strata		Samples		Penetration Tests						Water Levels	Casing Depth	Chiselling
Size (mm)	150 200 250	from	to	Type	No	Depth from	Depth to	75 mm	75 mm	75 mm	75 mm	75 mm		from/to
Depth to	16.5 11.5	7.30	8.30											
WATER STRIKES														
Depth														
Inflow (first mud seepage)														
Water level after 20 mins														
Depth sealed off														
WATER LEVELS														
Borehole depth	11.5													
Casing depth	11.5													
Depth of water	0.5													
Time of day	8.30													
QUANTITIES														
Site Move	m													
Boring & Sampling	hrs													
Chiselling	1 1/2													
Casing Borehole	m													
Moving between Boreholes	No													
Dayworks	hrs													
Miscellaneous														
Delays / Standing	hrs													
Reasons														
MATERIALS														

Remarks

Signed (Driller)

Signed for Client

M. McAnulty

Borehole Diameter 200 ± 150 m



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Crewmen A. Collier

Sheet 1 of 2

CABLE TOOL DAILY DRILLING LOG

[illegible]



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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															
Inflow (first med 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 Reasons	hrs														
MATERIALS															
Remarks															
Signed (Driller)												Signed for Client			

pd - M. Mearns

Surgeon Alberto Aguiar



Tel: 01656 749149

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

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

BH2

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	75 mm	75 mm	75 mm	from/to	hours
STRATA DESCRIPTION															
Boring out Blowing Struts															
Medial 6" casing															
Grey sand															
Silty sandy clay															
Grey peat															
Grey silty sand															
Dense gravel & cobbles															
paved 6" casing															
End of shift															
QUANTITIES															
Site Move															
Boring & Sampling															
Chiselling															
Casing Borehole															
Moving between Boreholes															
Dayworks															
Miscellaneous															
Delays / Standing															
Reasons															
MATERIALS															
Remarks															
Signed (Driller) <u>M. McAuley</u>															
Signed for Client															



Tel: 01656 749149

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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	1m	S	1	1.45	1m	1	1	1	1	2		0.3
Inflow (first med seepage)	1.5	9k	1m	S	2	1.45	1m	1	1	1	1	2		0.3
Water level after 20 mins	1.5	9k	1m	S	3	1.45	1m	1	1	1	1	2		0.3
Depth sealed off	1.5	9k	1m	S	4	1.45	1m	1	1	1	1	2		0.3
WATER LEVELS														
Borehole depth	11.5	9k	1m	S	5	1.45	1m	1	1	1	1	2		0.3
Casing depth	11.5	9k	1m	S	6	1.45	1m	1	1	1	1	2		0.3
Depth of water	7.4	9k	1m	S	7	1.45	1m	1	1	1	1	2		0.3
Time of day	5.04	9k	1m	S	8	1.45	1m	1	1	1	1	2		0.3
QUANTITIES														
Site Move		9k	1m	S	9	1.45	1m	1	1	1	1	2		0.3
Boring & Sampling	11.5 m	9k	1m	S	10	1.45	1m	1	1	1	1	2		0.3
Chiselling	1 hrs	9k	1m	S	11	1.45	1m	1	1	1	1	2		0.3
Casing Borehole	11.5 m	9k	1m	S	12	1.45	1m	1	1	1	1	2		0.3
Moving between Boreholes	1 No	9k	1m	S	13	1.45	1m	1	1	1	1	2		0.3
Dayworks	1 hrs	9k	1m	S	14	1.45	1m	1	1	1	1	2		0.3
Miscellaneous		9k	1m	S	15	1.45	1m	1	1	1	1	2		0.3
Delays / Standing	hrs	9k	1m	S	16	1.45	1m	1	1	1	1	2		0.3
Reasons		9k	1m	S	17	1.45	1m	1	1	1	1	2		0.3
MATERIALS														
Remarks														
Signed (Driller) <u>Mr. McAnulty</u>														
Signed for Client														



APEX DRILLING SERVICES

Tel: 01656 749149

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Contract Name *Plot 3 Baglan*

Contract No

Date *Jan 11/12/06*

Borehole No *BH3*

Borehole Diameter *200mm*

Client *E.S.P.*

Order No

Driller *Mike Mearley*

Crewmen *A. Collier*

Sheet *2* of *2*

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CABLE TOOL DAILY DRILLING LOG

CASING USED		STRATA DESCRIPTION		STRATA		SAMPLES		PENETRATION TESTS					Water Levels	Casing Depth	CHISELLING	
Size (mm)	150 200 250	from	to	Type	No	Depth from	Depth to	75 mm	75 mm	75 mm	75 mm	75 mm	from/to	hours		
WATER STRIKES																
Depth																
Inflow (last med 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																
Remarks																
Signed (Driller)																
Signed for Client																

M. Mearley



APEX DRILLING SERVICES

Tel: 01656 749149

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Contract Name plot 3 Baglan
Contract No
Date Tues. 5/12/06
Borehole No BH3

Client E.S.P.
Order No
Driller Mike McAuley
Crewmen A. Collier

Borehole Diameter 200mm ± 150mm

CABLE TOOL DAILY DRILLING LOG

Casing Used		Strata Description		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	75 mm	75 mm	Casing Depth	Chiselling from/to
WATER STRIKES															
Depth															
Inflow (fast mud seepage)															
Water level after 20 mins															
Depth sealed off															
WATER LEVELS															
Borehole depth	11.1														
Casing depth	11.1														
Depth of water	0.1														
Time of day	8.45														
QUANTITIES															
Site Move															
Boring & Sampling	m														
Chiselling	hrs														
Casing Borehole	m														
Moving between Boreholes	No														
Dayworks	hrs														
Miscellaneous															
Delays / Standing	hrs														
Reasons															
MATERIALS															
Remarks <u>Drilling</u>															
Signed (Driller) <u>M. McAuley</u>														Signed for Client	



Tel: 01656 749149

Borehole No BH3 Cont. cont.

Borehole Diameter 200mm

Order No

Driller MIKE McARDLE

Crewmen A - Collins

MTN

Sheet of

CASING USED				STRATA DESCRIPTION				STRATA		SAMPLES		PENETRATION TESTS					Water Levels	Casing Depth	CHISELLING
Size (mm)	150	200	250	from	to	Type	No	Depth	Depth	75	75	75	75	75	75	from/to	hours		
Depth to								ft	m	mm	mm	mm	mm	mm	mm				
WATER STRIKES																			
Depth	1m																		
Inflow (last med seepage)	med																		
Water level after 20 mins	0.5																		
Depth sealed off	0.5																		
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	Blowing sand 1/4																		
Delays / Standing																			
Reasons																			
MATERIALS																			
Remarks				Signed (Driller)															
bank to com				Signed for Client															
				M. M. G															