





irish drilling ltd  
old galway road  
loughrea

## DRILLHOLE LOG

Project <b>Derryadd Wind Farm</b>			Location Co Longford		<b>DRILLHOLE No</b>  <b>RC01</b>
Job No <b>2017-LD-102</b>	Date 02-06-17 02-06-17	Ground Level (m OD) 42.37	Co-Ordinates () E 205,878.0 N 265,255.0		
Engineer <b>Tobin</b>				Sheet <b>2 of 2</b> Rev. <b>DRAFT</b>	

RUN DETAILS						STRATA			Geology	Instrument/ Backfill
Depth Date	TCR (SCR) ROD	(SPT) Fracture Spacing	Red'cd Level	Legend	Depth (Thick- ness)	DESCRIPTION				
						Discontinuities	Detail	Main		
10.80	(98) 96	2			(5.80)			Strong thinly bedded light grey cherty fine and medium grained LIMESTONE with subvertical 0.5 to 1mm thick milky white calcitic veinlets. <i>(continued)</i>		
12.20	100 (97) 95	3								
13.80	100 (98) 96	3  1	28.57		13.80			13.00m to 13.40m: dark grey.		
15.20	100 (98) 96	3	27.17		(1.40) 15.20	13.80 - 15.20 Discontinuities, medium spaced, locally closely spaced, dipping 12 to 14°, stepped, rough, with 0.5 to 1mm thick light grey silt smear.		Very strong apparently massive light orangish brown crystalline fine and medium grained DOLOMITISED LIMESTONE.		
								BH terminated at 15.20m bgl on REs instruction.		

Drilling Progress and Water Observations								Rotary Flush				GENERAL REMARKS
Date	Time	Depth	Depth	Casing Dia	Core Dia mm	Strike	Water Standing	From (m)	To (m)	Type	Return (%)	
												50mm standpipe installed. Response zone - 8.50m to 15.20m bgl.

All dimensions in metres Scale 1:62.5	Client: Bord na Mona	Method/ Plant Used Hydreq	Bit Design HQ	Driller GF	Logged By EAT
--	----------------------	---------------------------------	------------------	---------------	------------------

IDL AGS3 UK DH LANESBOROUGH RC ALL JUNE 21 2017.GPJ IDL TP TEMPLATE.GDT 21/06/17



irish drilling ltd  
old galway road  
loughrea

## DRILLHOLE LOG

Project <b>Derryadd Wind Farm</b>				Location Co Longford		<b>DRILLHOLE No</b>  <b>RC02</b>
Job No <b>2017-LD-102</b>	Date 25-05-17 26-05-17	Ground Level (m OD) 43.16	Co-Ordinates () E 206,689.9 N 267,999.7			
Engineer <b>Tobin</b>					Sheet <b>1 of 3</b> Rev. <b>DRAFT</b>	

RUN DETAILS						STRATA			Geology	Instrument/ Backfill
Depth Date	TCR (SCR) RQD	(SPT) Fracture Spacing	Red'cd Level	Legend	Depth (Thick- ness)	DESCRIPTION				
						Discontinuities	Detail	Main		
0.00	0 (-)	NA			(1.50)	0.00 - 7.50 : overburden.				
1.50		(17)	41.66		1.50	Stiff light brown slightly sandy gravelly SILT/CLAY with cobbles. Sand is fine and medium. Gravel is rounded to subangular fine to coarse of assorted sandstone dolomitised limestone and limestone. Cobbles are of assorted grey limestone.				
3.00	20 (-)									
4.60	38 (-)									
4.60		NA (59/225mm)			(6.00)					
6.00	85 (-)									
7.00	30 (-)					7.50 - 15.35 Non-intact as possible weathered rock. No recovery as washout of fines during drilling. No record of cavity.				
8.60	88 (67) 63		35.66		(1.20)					
		NR/NI	34.46		8.70	Possible weathered LIMESTONE rock. Recovered as cobble and boulder sized clasts of strong thinly bedded grey cherty fine and medium grained limestone.				
	67 (40) 28									

IDL AGS3 UK DH LANESBOROUGH RC ALL JUNE 21 2017.GPJ IDL TP TEMPLATE.GDT 21/06/17

Drilling Progress and Water Observations								Rotary Flush				<b>GENERAL REMARKS</b>
Date	Time	Depth	Casing Depth	Casing Dia	Core Dia mm	Water Strike	Water Standing	From (m)	To (m)	Type	Return (%)	
								0	20.00	polymer	100	2 gallons of polydrill used. 50mm standpipe installed. Response zone - 8.50m to 20.00m bgl.

All dimensions in metres Scale 1:62.5	Client: Bord na Mona	Method/ Plant Used Hydreq	Bit Design HQ	Driller GF	Logged By EAT
--	----------------------	---------------------------------	---------------------	---------------	------------------



irish drilling ltd  
old galway road  
loughrea

## DRILLHOLE LOG

Project <b>Derryadd Wind Farm</b>				Location Co Longford		<b>DRILLHOLE No</b>  <b>RC02</b>
Job No <b>2017-LD-102</b>	Date 25-05-17 26-05-17	Ground Level (m OD) 43.16	Co-Ordinates () E 206,689.9 N 267,999.7			
Engineer <b>Tobin</b>					Sheet <b>2 of 3</b> Rev. <b>DRAFT</b>	

RUN DETAILS					STRATA			Geology	Instrument/ Backfill	
Depth Date	TCR (SCR) ROD	(SPT) Fracture Spacing	Red'cd Level	Legend	Depth (Thick- ness)	DESCRIPTION				
						Discontinuities	Detail	Main		
10.10	46 (13) 0	NR/NI	31.46		(3.00)			Possible weathered LIMESTONE rock. Recovered as angular fine to coarse gravel cobble and boulder sized clasts of orangish brown dolomitised limestone with rounded and subangular fine and medium assorted limestone and dolomitised limestone gravel and some light brown silty sand. <i>(continued)</i>		
11.20	80 (56) 11				11.70					
12.20	89 (71) 56				(1.90)					
14.00	83 (68) 20				13.60					
15.20	83 (68) 20				(1.75)					
16.80	100 (91) 79	8	27.81		15.35	15.35 - 20.00 Discontinuities, medium spaced, locally closely spaced, dipping 12 to 14°, stepped, rough, with 0.5 to 2mm thick grey silt smear.		Very strong thinly bedded grey cherty fine and medium grained LIMESTONE.		
18.20	100 (94) 25	7			(4.65)					
19.00	100 (98) 68	15								
19.00	100 (98) 68	6								
20.00	100 (97) 54	8			17.00 - 17.60 Joint, vertical dip, stepped, rough, with 0.5 to 2mm thick grey silt smear, open.					
20.00	100 (97) 54	8	23.16		17.80 - 18.25 Joint, vertical dip, stepped, rough, with 0.5 to 2mm thick grey silt smear, open.	17.00m to 18.00m: coarse grained.				
20.00	100 (97) 54	8	23.16		19.30 - 19.90 Joint, vertical dip, stepped, rough, with 0.5 to 2mm thick grey silt smear, open.					

IDL AGS3 UK DH LANESBOROUGH RC ALL JUNE 21 2017.GPJ IDL TP TEMPLATE.GDT 21/06/17

Drilling Progress and Water Observations								Rotary Flush				GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia	Core Dia mm	Water Strike	Water Standing	From (m)	To (m)	Type	Return (%)	
												2 gallons of polydrill used. 50mm standpipe installed. Response zone - 8.50m to 20.00m bgl.

All dimensions in metres Scale 1:62.5	Client: Bord na Mona	Method/ Plant Used Hydreq	Bit Design HQ	Driller GF	Logged By EAT
--	----------------------	---------------------------------	---------------------	---------------	------------------



irish drilling ltd  
old galway road  
loughrea

## DRILLHOLE LOG

Project <b>Derryadd Wind Farm</b>				Location Co Longford		<b>DRILLHOLE No</b>  <b>RC02</b>	
Job No <b>2017-LD-102</b>		Date 25-05-17 26-05-17		Ground Level (m OD) 43.16			
Engineer <b>Tobin</b>						Sheet <b>3 of 3</b> Rev. <b>DRAFT</b>	

RUN DETAILS						STRATA			Geology	Instrument/ Backfill
Depth Date	TCR (SCR) RQD	(SPT) Fracture Spacing	Red'cd Level	Legend	Depth (Thick- ness)	DESCRIPTION				
						Discontinuities	Detail	Main		
						BH terminated at 20.00m bgl on REs instruction.				

Drilling Progress and Water Observations								Rotary Flush				<b>GENERAL REMARKS</b>
Date	Time	Depth	Casing Depth	Casing Dia	Core Dia mm	Water Strike	Water Standing	From (m)	To (m)	Type	Return (%)	
												2 gallons of polydrill used. 50mm standpipe installed. Response zone - 8.50m to 20.00m bgl.

All dimensions in metres Scale 1:62.5		Client: Bord na Mona		Method/ Plant Used Hydreq		Bit Design HQ		Driller GF		Logged By EAT	
--	--	----------------------	--	------------------------------	--	------------------	--	---------------	--	------------------	--

IDL AGS3 UK DH LANESBOROUGH RC ALL JUNE 21 2017.GPJ IDL TP TEMPLATE.GDT 21/06/17



irish drilling ltd  
old galway road  
loughrea

## DRILLHOLE LOG

Project <b>Derryadd Wind Farm</b>			Location Co Longford		<b>DRILLHOLE No</b>  <b>RC03</b>
Job No <b>2017-LD-102</b>	Date 24-05-17 24-05-17	Ground Level (m OD) 42.82	Co-Ordinates () E 205,861.7 N 268,522.9		
Engineer <b>Tobin</b>				Sheet <b>1 of 2</b> Rev. <b>DRAFT</b>	

RUN DETAILS						STRATA			Geology	Instrument/ Backfill
Depth Date	TCR (SCR) RQD	(SPT) Fracture Spacing	Red'cd Level	Legend	Depth (Thick- ness)	DESCRIPTION				
						Discontinuities	Detail	Main		
0.00	0 (-) -	NA			(1.50)	0.00 - 2.70 : overburden.		Open hole drilling - no recovery.		
1.50	50 (-) -	(39/150mm) NA	41.32		1.50			Stiff light grey slightly sandy slightly gravelly SILT/CLAY with cobbles. Sand is fine. Gravel is subangular fine of assorted grey limestone. Cobbles are of assorted grey limestone.		
2.50			40.12		2.70	2.70 - 15.30 Discontinuities, medium spaced, locally closely spaced, dipping 12 to 14°, stepped, rough, with 0.5 to 1mm thick grey silt smear.		Very strong thinly bedded grey cherty fine and medium grained LIMESTONE.		
4.10	100 (84) 64	0 7				3.80 - 4.55 2 No parallel joints, subvertical dip, planar, smooth, with 0.5 to 1mm thick grey silt smear, open.				
5.70	100 (95) 59	8 3								
7.30	100 (91) 78	6 3								
8.90	100 (95) 90	3 3								
	100 (96) 95	2			(12.60)					

IDL AGS3 UK DH LANESBOROUGH RC ALL JUNE 21 2017.GPJ IDL TP TEMPLATE.GDT 21/06/17

Drilling Progress and Water Observations								Rotary Flush				GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia	Core Dia mm	Water Strike	Water Standing	From (m)	To (m)	Type	Return (%)	
								0	15.30	polymer	100	1 gallon of polydrill used. 50mm standpipe installed. Response zone - 3.50m to 15.30m bgl.

All dimensions in metres Scale 1:62.5	Client: Bord na Mona	Method/ Plant Used Hydreq	Bit Design HQ	Driller GF	Logged By EAT
--	----------------------	---------------------------------	---------------------	---------------	------------------



irish drilling ltd  
old galway road  
loughrea

## DRILLHOLE LOG

Project <b>Derryadd Wind Farm</b>				Location Co Longford		<b>DRILLHOLE No</b>  <b>RC03</b>	
Job No <b>2017-LD-102</b>		Date 24-05-17 24-05-17		Ground Level (m OD) 42.82			
Engineer <b>Tobin</b>						Sheet <b>2 of 2</b> Rev. <b>DRAFT</b>	

RUN DETAILS						STRATA			Geology	Instrument/ Backfill	
Depth Date	TCR (SCR) RQD	(SPT) Fracture Spacing	Red'cd Level	Legend	Depth (Thick- ness)	DESCRIPTION					
						Discontinuities	Detail	Main			
10.50		3					Very strong thinly bedded grey cherty fine and medium grained LIMESTONE. <i>(continued)</i>				
	100 (95) 94	3									
12.10											
	100 (98) 97	2									
13.70		5									
	100 (95) 93	3									
15.30		1	27.52		15.30			BH terminated at 15.30m bgl on REs instruction.			

IDL AGS3 UK DH LANESBOROUGH RC ALL JUNE 21 2017.GPJ IDL TP TEMPLATE.GDT 21/06/17

Drilling Progress and Water Observations								Rotary Flush				<b>GENERAL REMARKS</b>
Date	Time	Depth	Casing Depth	Casing Dia	Core Dia mm	Water Strike	Water Standing	From (m)	To (m)	Type	Return (%)	
												1 gallon of polydrill used. 50mm standpipe installed. Response zone - 3.50m to 15.30m bgl.

All dimensions in metres Scale 1:62.5		Client: Bord na Mona		Method/ Plant Used Hydreq		Bit Design HQ		Driller GF		Logged By EAT	
--	--	----------------------	--	------------------------------	--	------------------	--	---------------	--	------------------	--



irish drilling ltd  
old galway road  
loughrea

## DRILLHOLE LOG

Project <b>Derryadd Wind Farm</b>				Location Co Longford		<b>DRILLHOLE No</b>  <b>RC04</b>
Job No <b>2017-LD-102</b>	Date 31-05-17 31-05-17	Ground Level (m OD) 42.88	Co-Ordinates () E 206,240.4 N 266,283.4			
Engineer <b>Tobin</b>					Sheet <b>1 of 2</b> Rev. <b>DRAFT</b>	

RUN DETAILS						STRATA			Geology	Instrument/ Backfill
Depth Date	TCR (SCR) RQD	(SPT) Fracture Spacing	Red'cd Level	Legend	Depth (Thick- ness)	DESCRIPTION				
						Discontinuities	Detail	Main		
0.00	0 (-) -	NA			(1.50)	0.00 - 3.80 : overburden.  Open hole drilling - no recovery.				
1.50			41.38		1.50					
3.00	20 (-) -	NA			(2.30)	Subrounded to subangular fine to coarse milky white quartz and assorted grey and dark grey limestone <b>GRAVEL</b> with some grey silt.				
4.00	100 (14) 0		39.08		3.80	3.80 - 6.20 Non-intact as weathered rock.				
5.00	100 (58) 23	NI			(2.40)	Weathered <b>LIMESTONE</b> rock. Recovered as angular fine to coarse gravel cobble and boulder sized clasts of grey limestone with a little grey silt. Core run - 4.00m to 5.00m; 1 No grey limestone boulder 250mm in length				
6.00	100 (67) 24					Core run - 5.00m to 6.00m; 1 No grey limestone boulder 290mm in length.				
7.50	100 (87) 58	8				6.20 - 15.00 Discontinuities, medium spaced, locally closely spaced, dipping 18 to 20°, stepped, rough, with 0.5 to 1mm thick grey silt smear. 6.50 - 6.80 Joint, subvertical dip, stepped, rough, with 0.5 to 1mm thick grey silt smear, open.				
9.00	100 (95) 87	2				8.30 - 8.55 Joint, subvertical dip, planar, smooth, with 0.5mm thick milky white calcitic veneer, open as drilling induced?				
	100 (95) 61	6				9.65 - 9.85 Joint, subvertical dip,				

IDL AGS3 UK DH LANESBOROUGH RC ALL JUNE 21 2017.GPJ IDL TP TEMPLATE.GDT 21/06/17

Drilling Progress and Water Observations								Rotary Flush				GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia	Core Dia mm	Water Strike	Water Standing	From (m)	To (m)	Type	Return (%)	
								0	15.00	polymer	100	1 gallon of polydrill used. 50mm standpipe installed. Response zone - 3.50m to 15.00m bgl.

All dimensions in metres Scale 1:62.5	Client: Bord na Mona	Method/ Plant Used Hydreq	Bit Design HQ	Driller GF	Logged By EAT
--	----------------------	---------------------------------	---------------------	---------------	------------------





irish drilling ltd  
old galway road  
loughrea

## DRILLHOLE LOG

Project <b>Derryadd Wind Farm</b>				Location Co Longford		<b>DRILLHOLE No</b>  <b>RC04</b>	
Job No <b>2017-LD-102</b>	Date 31-05-17 31-05-17	Ground Level (m OD) 42.88	Co-Ordinates () E 206,240.4 N 266,283.4				
Engineer <b>Tobin</b>						Sheet <b>2 of 2</b> Rev. <b>DRAFT</b>	

RUN DETAILS						STRATA			Geology	Instrument/ Backfill
Depth Date	TCR (SCR) RQD	(SPT) Fracture Spacing	Red'cd Level	Legend	Depth (Thick- ness)	DESCRIPTION				
						Discontinuities	Detail	Main		
10.50		7			(8.80)	stepped, rough, with 0.5 to 1mm thick grey silt smear, open. 10.20 - 10.55 Joint, subvertical dip, stepped, rough, with 0.5 to 1mm thick grey silt smear and minor orange brown iron stain, open.  13.60 - 14.40 Joint, subvertical dip, stepped, smooth, with 0.5 to 1mm thick grey silt smear, open.	Very strong thinly bedded grey slightly bioclastic cherty fine and medium grained LIMESTONE. <i>(continued)</i>  10.90m to 11.30m: dark grey cherty fine grained.  12.90m to 13.00m: dark grey cherty fine grained.  13.50m to 13.70m: dark grey cherty fine grained.  14.60m to 14.80m: dark grey cherty fine grained.			
	100 (98) 94	3								
12.00		5								
	100 (98) 94	7								
13.50		9					14.60m to 14.80m: dark grey cherty fine grained.			
15.00			27.88		15.00		BH terminated at 15.00m bgl on REs instruction.			

Drilling Progress and Water Observations								Rotary Flush				<b>GENERAL REMARKS</b>
Date	Time	Depth	Casing Depth	Casing Dia	Core Dia mm	Water Strike	Water Standing	From (m)	To (m)	Type	Return (%)	
												1 gallon of polydrill used. 50mm standpipe installed. Response zone - 3.50m to 15.00m bgl.

All dimensions in metres Scale 1:62.5	Client: Bord na Mona	Method/ Plant Used Hydreq	Bit Design HQ	Driller GF	Logged By EAT
--	----------------------	---------------------------------	---------------------	---------------	------------------

IDL AGS3 UK DH LANESBOROUGH RC ALL JUNE 21 2017.GPJ IDL TP TEMPLATE.GDT 21/06/17



irish drilling ltd  
old galway road  
loughrea

## DRILLHOLE LOG

Project <b>Derryadd Wind Farm</b>				Location Co Longford		<b>DRILLHOLE No</b>  <b>RC05</b>
Job No <b>2017-LD-102</b>	Date 29-05-17 30-05-17	Ground Level (m OD) 47.19	Co-Ordinates () E 206,871.5 N 266,208.1			
Engineer <b>Tobin</b>					Sheet <b>1 of 3</b> Rev. <b>DRAFT</b>	

RUN DETAILS						STRATA			Geology	Instrument/ Backfill
Depth Date	TCR (SCR) ROD	(SPT) Fracture Spacing	Red'cd Level	Legend	Depth (Thick- ness)	DESCRIPTION				
						Discontinuities	Detail	Main		
0.00	0 (-) -	NA			(1.50)	0.00 - 22.50 : overburden.				
1.50			45.69		1.50	Medium dense subrounded to subangular fine to coarse brown dolomitised limestone and assorted grey and dark grey limestone GRAVEL with cobbles and boulders. Cobbles are of limestone. Boulders are of limestone. Core run - 2.50m to 3.40m: 1 No light grey limestone boulder 250mm in length. 1 No light grey limestone boulder 340mm in length. Core run - 3.40m to 4.50m: 1 No light grey limestone boulder 240mm in length.				
1.50	40 (-) -	(21)			(3.00)					
2.50						Medium dense light orangish brown slightly silty gravelly fine and coarse quartz SAND. Gravel is rounded to subrounded fine and medium of quartz and limestone.				
3.40	100 (-) -				4.50					
4.50	55 (-) -		42.69							
6.00	20 (-) -	NA (21)								
6.00	10 (-) -									
7.50	27 (-) -									
9.00	27 (-) -									

IDL AGS3 UK DH LANESBOROUGH RC ALL JUNE 21 2017.GPJ IDL TP TEMPLATE.GDT 21/06/17

Drilling Progress and Water Observations								Rotary Flush				GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia	Core Dia mm	Water Strike	Water Standing	From (m)	To (m)	Type	Return (%)	
								0 15	15.00	polymer	100	2 gallons of polydrill used. 50mm standpipe installed. Response zone - 20.50m to 25.60m bgl.

All dimensions in metres Scale 1:62.5	Client: Bord na Mona	Method/ Plant Used Hydreq	Bit Design HQ	Driller GF	Logged By EAT
--	----------------------	---------------------------------	---------------------	---------------	------------------



irish drilling ltd  
old galway road  
loughrea

## DRILLHOLE LOG

Project <b>Derryadd Wind Farm</b>			Location Co Longford		<b>DRILLHOLE No</b>  <b>RC05</b>
Job No <b>2017-LD-102</b>	Date 29-05-17 30-05-17	Ground Level (m OD) 47.19	Co-Ordinates () E 206,871.5 N 266,208.1		
Engineer <b>Tobin</b>				Sheet <b>2 of 3</b> Rev. <b>DRAFT</b>	

RUN DETAILS						STRATA			Geology	Instrument/Backfill	
Depth Date	TCR (SCR) RQD	(SPT) Fracture Spacing	Red'cd Level	Legend	Depth (Thickness)	DESCRIPTION					
						Discontinuities	Detail	Main			
10.50		(30)			(15.00)	Medium dense light orangish brown slightly silty gravelly fine and coarse quartz SAND. Gravel is rounded to subrounded fine and medium of quartz and limestone. (continued) 10.50m: becoming dense.					
10.50	20 (-)										
12.00		(30)			(15.00)	15.00m: becoming very dense.					
12.00	47 (-)										
13.50		(30)			(15.00)						
13.50	40 (-)										
15.00		(30)			(15.00)						
15.00	40 (-)										
16.50		(30)			(15.00)						
16.50	40 (-)										
18.00		(30)			(15.00)						
18.00	40 (-)										
19.50		(30)			(15.00)						
19.50	40 (-)										
			27.69		19.50						

IDL AGS3 UK DH LANESBOROUGH RC ALL JUNE 21 2017 GPU IDL TP TEMPLATE GDT 21/06/17

Drilling Progress and Water Observations								Rotary Flush				GENERAL REMARKS
Date	Time	Depth	Casing Dia	Core Dia mm	Water Standing	Strike	From (m)	To (m)	Type	Return (%)		
								25.60	polymer	100	2 gallons of polydrill used. 50mm standpipe installed. Response zone - 20.50m to 25.60m bgl.	

All dimensions in metres Scale 1:62.5	Client: Bord na Mona	Method/ Plant Used Hydreq	Bit Design HQ	Driller GF	Logged By EAT
--	----------------------	---------------------------------	------------------	---------------	------------------



irish drilling ltd  
old galway road  
loughrea

## DRILLHOLE LOG

Project <b>Derryadd Wind Farm</b>			Location Co Longford		<b>DRILLHOLE No</b>  <b>RC05</b>
Job No <b>2017-LD-102</b>	Date 29-05-17 30-05-17	Ground Level (m OD) 47.19	Co-Ordinates () E 206,871.5 N 266,208.1		
Engineer <b>Tobin</b>				Sheet <b>3 of 3</b> Rev. <b>DRAFT</b>	

RUN DETAILS						STRATA			Geology	Instrument/ Backfill
Depth Date	TCR (SCR) ROD	(SPT) Fracture Spacing	Red'cd Level	Legend	Depth (Thick- ness)	DESCRIPTION				
						Discontinuities	Detail	Main		
21.00	53 (-) -	NA	24.69		(3.00)			Very dense light orangish brown slightly silty gravelly fine and coarse quartz SAND with cobbles and boulders. Gravel is rounded to subrounded fine and medium of quartz and limestone. Cobbles are of limestone. Boulders are of limestone. <i>(continued)</i> Core run - 21.00m to 22.50m: 1 No light grey limestone boulder 230mm in length.		
22.50	67 (-) -									
24.00	100 (92) 14	6  9	21.59		(3.10)		22.50 - 22.70 Joint, subvertical dip, stepped, rough, with 0.5 to 6mm thick greenish grey silt smear, moderately wide. 22.50 - 25.60 Discontinuities, medium spaced, locally closely spaced, dipping 10 to 12°, stepped, smooth, with 0.5 to 3mm thick light brown clay smear. 23.00 - 23.35 Joint, subvertical dip, stepped, rough, with 0.5 to 1mm thick light brown silt smear, open. 23.80 - 24.80 Joint, subvertical dip, stepped, rough, with 0.5 to 1mm thick light brown silt smear, open.			
25.60	100 (89) 38	11  5								
						BH terminated at 25.60m bgl on REs instruction.				

IDL AGS3 UK DH LANESBOROUGH RC ALL JUNE 21 2017.GPJ IDL TP TEMPLATE.GDT 21/06/17

Drilling Progress and Water Observations								Rotary Flush				GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia	Core Dia mm	Water Strike	Water Standing	From (m)	To (m)	Type	Return (%)	
												2 gallons of polydrill used. 50mm standpipe installed. Response zone - 20.50m to 25.60m bgl.

All dimensions in metres Scale 1:62.5	Client: Bord na Mona	Method/ Plant Used Hydreq	Bit Design HQ	Driller GF	Logged By EAT
--	----------------------	---------------------------------	---------------------	---------------	------------------