				PEAT		
Project title	Derryadd Wind	Job number	10325			
,	Farm	2		MARL		
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL		
Prepared by	John Dillon	Date	13th March 2018	BEDROCK		
Subject	Ground investigation	tion (Trial Pits)		Possible BEDROC		
	IMT			Archaeology		
Site Location:		Derryac	d			
Trial Pit No:		BP1				
Date & Time:		4 th Dec 2017				
BP Testing details:	211	<u>, , , , , , , , , , , , , , , , , , , </u>	1' .1' /1' 1 15'.			
	The	following layers were ob	served in this Trial Pit:			
	0.0	0 – 0.2 m : Shallow Black	fibrous with rootlets			
	0.0	0 – 0.2 m. Shanow Diacr	indicus with footiets			
	0.2 - 0.5	0 m: Light grev, soft, slig	shtly sandy, gravelly CLAY			
	0.5m – 0.8 m: Li	ight grey very soft slightl	y sandy silty CLAY with significant			
		amount of gravel, cobb				
	Trial pit termin	Trial pit terminated at 0.7 m due to abundance of large angular boulders.				
Observations & recommendations:		No water present				
		Relatively f	rm surface.			
			al pit stable			
			1			

1				_
Project title	Derryadd Wind	Job number	10325	PEA
	Farm	Job number	10525	MAF
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL
Prepared by	John Dillon	Date	13th March 2018	BEDF
repared by	John Dhion	Date	15th March 2010	K
Subject	Ground investiga	tion (Trial Pits)		Poss
	IMT			Arch
Bite Location:		Derryadd		
Frial Pit No:		BP2		
Date & Time:		4 th Dec 2017	7	
3P Testing details:				
	The fo	llowing layers were obser	ved in this I rial Pit:	
	0.00 - 0.5	5 m: Shallow Black/brow	n fibrous with rootlets	
	0.5 - 2.5 1	m: Light grey, soft, slighty	y sandy, gravelly CLAY	
	2.5 m: Significa	int amount of gravel, cobl	bles and boulders. Bouldsers	
	change from S		low from TP base, possible	
	ATS. 1. 1. 1	bedrock	<u>(1.1.1.1</u>)	
	I rial pit termina	ted at 2.5m due to abunda and Bedrock	ance of large angular boulders	
Observations & recommendations:	Spring	water inflow from TP ba	se, possible bedrock	
	oping	water millow from 11 ba	, possible bearoon	
		Relatively firm Walls of trial t	n surface.	
		• Walls of trial I	bit stable	
	Carl Martin			

Derryadd Wind Farm	Job number	10325		
Bord na Mona	File reference	TP/BP Dec 2017		
John Dillon	Date	13th March 2018		
Ground investigation (Trial	Pits)			
IMT				
	Derryadd			
	BP3			
4 th Dec 2017				
The following lay	ers were observed in this	Trial Pit:		
0.00 – 0.5 m : Shallow Black/brown fibrous with rootlets				
0.5 – 2.5 m : Light gr	ey, soft, slighty sandy, gr	avelly CLAY		
change from SR to Angular.	Spring inflow from TP b	ase, possible bedroc		
Trial pit terminated at 2.5 m	due to abundance of lar	ge angular boulders.		
Spring water inflo	w from TP base, possibl	e bedrock		
	Relatively firm surface			
	,			
	maile of that pre stable			
	Bord na Mona John Dillon Ground investigation (Trial IMT The following lay 0.00 – 0.5 m: Shallo 0.5 – 2.5 m: Light gr 2.5 m: Significant amount change from SR to Angular. S Trial pit terminated at 2.5 m Spring water inflo	Bord na Mona File reference John Dillon Date Ground investigation (Trial Pits) IMT IMT Derryadd BP3 4 th Dec 2017 The following layers were observed in this 0.00 – 0.5 m: Shallow Black/brown fibrous 0.5 – 2.5 m: Light grey, soft, slighty sandy, gr 2.5 m: Significant amount of gravel, cobbles and b change from SR to Angular. Spring inflow from TP b Trial pit terminated at 2.5 m due to abundance of lar Spring water inflow from TP base, possible . Relatively firm surface.		



PEAT MARL TILL BEDROCK Possible BEDROCK Archaeology

				PEAT
roject title	Derryadd Wind Farm	Job number	10325	MARL
lient	Bord na Mona	File reference	TP/BP Dec 2017	TILL
repared by	John Dillon	Date	13th March 2018	BEDROCK
ıbject	Ground investigation (Trial P	its)		Possible BEDR
- · ·	IMT			Archaeology
te Location:		Derryadd		
rial Pit No:		BP4		
ate & Time:		4 th Dec 2017		
P Testing details:				
	The following	layers were observed in thi	s Trial Pit:	
		01 H DI 1 CH 11		
	0.00 – 0.2 m:	Shallow Black fibrous with	n rootlets	
	TP terminated a	t possibel ARCHAEOLO	JGY feature.	
bservations & recommendations:		Possible Archaeology		
bservations & recommendations:		Possible Archaeology		
				-
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			and a subscription of the contraction of the subscription of the	
				_

Borrow Pit Assessment - Trial Pits	1			
Project title	Derryadd Wind Farm	Job number	10325	PEAT MARL
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL
Prepared by	John Dillon	Date	13th March 2018	BEDROCK
Subject	Ground investigation (Trial P		15th March 2010	Possible BEDROC
	IMT			Archaeology
Site Location:		Derryadd		
Frial Pit No:		BP5		
Date & Time:		4 th Dec 2017		1
BP Testing details:				
	The following	layers were observed in thi	s Trial Pit:	
	0.00 – 0.15 m	: Shallow Black fibrous wit	h rootlets	
	0.15 – 1.2 m : Light g	rey, soft, slighty sandy, grav	elly SILT/CLAY	
	1.2m: Significant amount of gr	avel, cobbles and boulders. g inflow from TP base, bee	Boulders change from SR	
Observations & recommendations:	Large inflow at the ba	se of the trail pit. Inflow is	from the bedrock	
		Deletizede fran av fran		
		Relatively firm surface. Walls of trial pit stable		4

Borrow Pit Assessment - Trial Pits	1			
Project title	Derryadd Wind Farm	Job number	10325	PEAT MARL
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL
Prepared by	John Dillon	Date	13th March 2018	BEDROCK
Subject	Ground investigation (Trial			Possible BEDROCK
,	IMT			Archaeology
Site Location:		Derryadd		
Trial Pit No:		BP6		
Date & Time:		4 th Dec 2017		
BP Testing details:	The followin	g layers were observed in thi	s Trial Pit:	-
		n: Shallow Black fibrous with		
	1.2 – 2.80 m : Light gre, soft	r, slighty sandy, gravelly CLA	Y. Cobbles SR becoming	-
Observations & recommendations:	nated at 2.8 m due to abund Possible Archae	ance of large angular bould cology on the southern face of		0
observations & recommendations.	T OSSIDIE ATCHAC	ology on the southern race o	n the that pit	
		Relatively firm surface.		-
		Walls of trial pit stable		-

Project title				PEAT		
	Derryadd Wind Farm	Job number	10325	MARL		
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL		
Prepared by	John Dillon	Date	13th March 2018	BEDROCK Possible BEDRO		
Subject		Ground investigation (Trial Pits) IMT				
Site Location:	1M1	Derryadd				
Trial Pit No:		BP6				
Date & Time:		4 th Dec 2017				
BP Testing details:						
Di Testing details.	The following	layers were observed in thi	s Trial Pit:			
	0.00 – 1.0 m : Sh	allow Black/brown peat w	rith rootlets			
	1.0 – 1.4 m : Light gr	ey/olive, soft, organic silts	and shelly marl.			
	1.4 – 2.70 m : Light grey, s	oft, slightly sandy, gravelly Obstruction at the base	CLAY. Cobbles SR .			
Observations & recommendations:	Trial pit terminated at 2.7 m d					
	· · ·	Relatively firm surface.				
	· · ·	Walls of trial pit stable				

Borrow Pit Assessment - Trial Pits				
Project title	Derryadd Wind Farm	Job number	10325	PEAT MARI
lient	Bord na Mona	File reference	TP/BP Dec 2017	TILL
repared by	John Dillon	Date	13th March 2018	BEDR
ubject	Ground investigation (Trial P		1501 March 2010	Possil
	IMT	(0)		Archa
ite Location:		Derryadd		
rial Pit No:		BP6		
ate & Time:		4 th Dec 2017		
P Testing details:	The following	layers were observed in thi	s Trial Pit:	
	0.00 – 1.2 m:	Shallow Black fibrous with	n rootlets	
	1.2 – 2.80 m : Light gre, soft, :	slighty sandy, gravelly CLA	Y. Cobbles SR becoming	
	nated at 2.8 m due to abunda	nce of large angular bould	lers and water inflows. Po	
Observations & recommendations:				
	•	Relatively firm surface.		
		Walls of trial pit stable		

Borrow Pit Assessment - Trial Pits				
	D 11W 1E		10225	PEAT
Project title Client	Derryadd Wind Farm Bord na Mona	Job number File reference	10325 TP/BP Dec 2017	MARL TILL
Prepared by	John Dillon	Date	13th March 2018	BEDROCK
Subject	Ground investigation (Trial I		15th March 2018	Possible BEDROCK
Jubject	IMT	. 1(5)		Archaeology
Site Location:	1111	Derryadd		, it child cology
Trial Pit No:		BP6		
Date & Time:		4 th Dec 2017		
BP Testing details:		4 Dec 2017		
	The following	g layers were observed in this	s Trial Pit:	
	0.00 – 1.2 m : Black fibrous o	overlying reddish brown pear	t with rootlets and timber	
		live, soft, organic silts and sh becoming angular at base	nelly marl. Cobbles SR	
		soft, slightly sandy, gravelly Obstruction at the base	CLAY. Cobbles SR .	
Observations & recommendations:	-			
	2.8 m due to obstruction. Po		bbles remained subround	
		Relatively firm surface. Walls of trial pit stable		
		wanto or that pre stable		
		No Water inflows		

Project title			40205	PEAT		
,	Derryadd Wind Farm	Job number	10325	MARL		
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL BEDROCK		
Prepared by Subject	John Dillon Ground investigation (Trial Pi	Date	13th March 2018	Possible BEDROCK		
Subject		IMT				
Site Location:	1011	Derryadd		Archaeology		
Trial Pit No:		BP8				
Date & Time:		4 th Dec 2017				
BP Testing details:						
	The following	layers were observed in thi	s Trial Pit:			
	0.00 – 0.20 m : Int	erbedded black and brown	organic peat			
	0.2 – 2.5 m: Sandy very silty/cl	avev GRAVEL with nume	rous cobbles and boulders.			
	Moist and moderately den	se. Mottled light brown,	olive, grey in top 1.4 m			
	Trial pit terminated a	t 2.5 m due to abundance of	of large boulders.			
Observations &						
recommendations:						
		D.1.1.1.C				
		Relatively firm surface.	1 11'			
	· Walls of t	rial pit slightly unstable and	1 crumbling			
		No Water inflows				
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	the second se	All Parts Parts in the	A CALL FROM CONTRACT			
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		A CARLON				

Borrow Pit Assessment - Tr	ial Pits		-	
				PEAT
Project title	Derryadd Wind Farm	Job number	10325	MARL
Client	Bord na Mona John Dillon	File reference Date	TP/BP Dec 2017 13th March 2018	TILL
Prepared by Subject	Ground investigation (Tria		13th March 2018	BEDROCK Possible BEDROC
Subject	IMT	(Pits)		Archaeology
Site Location:	11411	Derryadd		Architeology
Trial Pit No:		BP9		
Date & Time:		4 th Dec 2017		—
BP Testing details:		1 200 2017		
	The followi	ng layers were observed in th	nis Trial Pit:	—
		0.5		
	0.00 – 0.20 m:	Interbedded black and brow	n organic peat	
	0.2 – 2.5 m : Sandy very silty			
	Moist and moderately d	ense. Mottled light brown	, olive, grey in top 1.2 m	1
Observations &		no major water inflows		—
recommendations:				
		Relatively firm surface		
	· Walls of	of trial pit slightly unstable a	nd crumbling	
25				

	<u> </u>			PEAT
Project title	Derryadd Wind Farm	Job number	10325	MARL
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL
Prepared by	John Dillon	Date	13th March 2018	BEDROCK
Subject	Ground investigation (Trial Pi	its)		Possible BEDRO
Site Location:	IMT	Damada		Archaeology
Frial Pit No:		Derryadd BP10		
Date & Time:				
		4 th Dec 2017		
BP Testing details:	0.00 0.20 1	erbedded black and brown		
	0.00 – 0.20 m: Inte	erbedded black and brown	organic peat	
	0.2 – 2.5 m: Sandy very silt	ty/clayey GRAVEL with n	umerous cobbles and	
	0.2 2.5 m. Sandy very she	boulders.	unicious cobbies and	
	Moist and moderately dens		olive, grey in top 1.4 m	
			/8 / 1	
	Trial pit terminated at 2.5	m due to abundance of lar	ge angular boulders.	
Observations & recommendations:	N	lo major water inflows		
	· · · · · · · · · · · · · · · · · · ·	Relatively firm surface.		
	· Walls of tr	rial pit slightly unstable and	ammhliag	
	wans of u	nai pit siiginty unstable and	crumbling	
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Borrow Pit Assessment - Tria	al Pits					
D 1 1	D 11mm 10		10005	PEAT		
Project title	Derryadd Wind Farm	Job number	10325	MARL		
Client Prepared by	Bord na Mona John Dillon	File reference	TP/BP Dec 2017 13th March 2018	TILL		
	2	Date	15th March 2018	BEDROCK Possible BEDROCK		
Subject		Ground investigation (Trial Pits) IMT				
Site Location:	11/11	Derryadd				
Trial Pit No:		BP11				
Date & Time:		4 th Dec 2017				
BP Testing details:		1 200 2011		-		
8	0.00 – 0.20 m: 1	nterbedded black and brown o	organic peat			
	0.2 – 2.4m : Sandy very s	silty/clayey GRAVEL with nu boulders.	merous cobbles and			
	Moist and moderately de	nse. Mottled light brown, o	live, grev in top 1.6 m	-		
	Trial pit terminated at 2	2.4m due to abundance of larg	e angular boulders.			
Observations &						
recommendations:						
		Relatively firm surface.				
	· Walls or	f trial pit slightly unstable and	crumbling			
		No major water inflows		-		
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Borrow Pit Assessment - Trial Pits			1	1	
	D 11W/ 1E	T 1 1	10325	PEAT	
Project title Client	Derryadd Wind Farm Bord na Mona	Job number File reference	TP/BP Dec 2017	MARL	
Prepared by	John Dillon	Date	13th March 2018	TILL	
Subject	Ground investigation (Trial Pit		15th March 2018	BEDROCK Possible BEDROCK	
Subject	IMT	ls)		Archaeology	
Site Location:		, a chacelegy			
Trial Pit No:		Derryadd BP12			
Date & Time:		5th Dec 2017		1	
BP Testing details:				-	
	The following la	ayers were observed in this	Trial Pit:		
	0.00 -	0.20 m: black organic pear	t		
	0.2 – 0.50 m : Weathered be	edrock with regular angula	r blocks of pale grey,		
Observations & recommendations:	Wat	er inflows at the bedrock		_	
Observations α recommendations:	wate	er mnows at the bedrock			
	· ·	Relatively firm surface.		_	
	· Walls of tr	ial pit slightly unstable and	l crumbling		
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Borrow Pit Assessment - Trial Pits					
				PEAT	
Project title	Derryadd Wind Farm	Job number	10325	MARL	
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL	
Prepared by	John Dillon	Date	13th March 2018	BEDROCK	
Subject	Ground investigation (Trial Pi	ts)		Possible BEDROCK	
	IMT			Archaeology	
Bite Location:		Derryadd			
Frial Pit No:		BP13			
Date & Time:		5th Dec 2017			
BP Testing details:		ayers were observed in this 0.20 m : black organic peak			
	0.2 – 0.50 m : Weathered b				
		0 0			
Observations & recommendations:	Water in	flows at the bedrock surfa	ce		

Borrow Pit Assessment - Trial Pits				1
				PEAT
Project title	Derryadd Wind Farm	Job number	10325	MARL
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL
Prepared by	John Dillon	Date	13th March 2018	BEDROCK
Subject	Ground investigation (Trial Pi	ts)		Possible BEDROO
Site Location:	IMT	Donmadd		Archaeology
Trial Pit No:		Derryadd BP14		
Date & Time:		5th Dec 2017		-
		5th Dec 2017		_
BP Testing details:	The following la	ayers were observed in this	s Trial Pit:	
	0.00 -	0.10 m : black organic pea	t	
	0.1– 2.3 m : Light grey/olive,	soft, slightly sandy, gravel	ly CLAY. Cobbles SR .	
Observations & recommendations:	No water inflow. Not certain	that bedrock is present ho limestone are present	wever angular blocks of	
	Possible B	edrock or Obstruction at	2 3m	-
	Possible B	edrock of Obstruction at	2.3111	-
				-
				-

Borrow Pit Assessment - Trial Pits				
				PEAT
Project title	Derryadd Wind Farm	Job number	10325	MARL
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL
Prepared by	John Dillon	Date	13th March 2018	BEDROCK
Subject	Ground investigation (Trial Pit	(s)		Possible BEDROCK
с. т	IMT	D 11		Archaeology
Site Location:		Derryadd BP15		
Trial Pit No:				
Date & Time:		5th Dec 2017		
BP Testing details:	The following la	yers were observed in this	s Trial Pit:	
		0.30 m : black organic pea		
	0.3– 2.5 m : Light grey/olive,	soft, slightly sandy, gravel	ly CLAY. Cobbles SR .	
Observations & recommendations:	No	significant water inflows		
		0		

Borrow Pit Assessment - Trial	Pits		-		
			10005	PEAT	
Project title	Derryadd Wind Farm	Job number	10325	MARL	
Client Prepared by	Bord na Mona John Dillon	File reference Date	TP/BP Dec 2017 13th March 2018	TILL BEDROCK	
Subject	Ground investigation (Trial I		15th Match 2018	Possible BEDROCK	
Subject	IMT	. 1(5)		Archaeology	
Site Location:		Derryadd		5,	
Trial Pit No:		BP16			
Date & Time:		5th Dec 2017			
BP Testing details:					
	The following	layers were observed in this	Trial Pit:		
	0.00	0.20 mu black anomia non			
	0.00	– 0.30 m: black organic pea	L		
	0.3–2.2 m : Light grey/oliv	e, soft, slightly sandy, gravel	ly CLAY, Cobbles SR .		
		,, <u>,</u>	,		
Observations &		ater inflows at the bedrock		-	
recommendations:	wa	ater inflows at the bedrock			
recommendations.					
		Relatively firm surface.			
	· Walls of	trial pit slightly unstable and	crumbling		
	Possible	Bedrock or Obstruction at	2.2m		
	A LA LA CARA	C. AMPLICAS			
	and the second second	Service States			
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orrow Pit Assessment - Trial Pits					
we here with a	Derryadd Wind Farm	T-h-marker	10325	PEAT	
roject title lient	Bord na Mona	Job number File reference	TP/BP Dec 2017	MARL TILL	
repared by	John Dillon	Date	13th March 2018	BEDROCK	
ubject	Ground investigation (Trial Pi		15th March 2010	Possible BEDRO	
	IMT			Archaeology	
ite Location:		Derryadd			
ʻrial Pit No:		BP17			
Date & Time:		5th Dec 2017			
P Testing details:					
	The following l	ayers were observed in this	Trial Pit:		
	0.00 -	0.30 m: black organic pear	t		
	0.2.21 m Light area (align	an Gantin Indonesia Incoment	In CLAN, Calibles CD		
	0.3–2.1 m: Light grey/olive,	Obstruction at 2.1m	IV CLAY. CODDIES SK.		
		Obstruction at 2.111			
bservations & recommendations:	No	significant water inflows			
		-			
		Relatively firm surface.			
	· Walls of trial pit slightly unstable and crumbling				

Borrow Pit Assessment - Trial Pits				
Project title	Derryadd Wind Farm	Job number	10325	PEAT MARL
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL
Prepared by	John Dillon	Date	13th March 2018	BEDROCK
Subject	Ground investigation (Trial Pi		15th March 2010	Possible BEDROC
	IMT			Archaeology
Site Location:		Derryadd		
Trial Pit No:		BP18		
Date & Time:		5th Dec 2017		
BP Testing details:				
	The following l	ayers were observed in this	s Trial Pit:	
	0.00	0.30 m: black organic pear	ŧ	
	0.3–3 m: Light grey/olive,	soft, slightly sandy, gravelly	y CLAY. Cobbles SR .	
	Possible B	edrock or Obstruction at	: 3m	
Observations & recommendations:	Water in	flows at the bedrock surfa	ice	
				-
		Relatively firm surface. ial pit slightly unstable and	1	_
	a de			
			and the second	
	Pro Se	1 Dett	and a second	

Borrow Pit Assessment - Trial Pits				1	
				PEAT	
Project title	Derryadd Wind Farm	Job number	10325	MARL	
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL	
Prepared by	John Dillon	Date	13th March 2018	BEDROCK	
Subject	Ground investigation (Trial Pi IMT	its)		Possible BEDROCK Archaeology	
Site Location:	1011	Derryadd			
Trial Pit No:		BP19			
Date & Time:		5th Dec 2017			
BP Testing details:					
	The following l	ayers were observed in this	Trial Pit:		
	0.00 -	0.20 m : black organic pear	t		
	0.2–2 m: Light grey/olive,		CLAY. Cobbles SR .		
		Obstruction at 2m			
Observations & recommendations:	No	significant water inflows			
		Relatively firm surface.			
	· Walls of t	rial pit slightly unstable and	crumbling		

Borrow Pit Assessment	- Trial Pits					
D i cid	Derryadd Wind Farm	T 1 1	10325	PEAT		
Project title Client	Bord na Mona	Job number File reference	TP/BP Dec 2017	MARL		
Prepared by	John Dillon	Date	13th March 2018	TILL		
Subject	Ground investigation (Trial Pits)	Date	15th March 2018	BEDROCK Possible BEDROCH		
Subject	IMT			Archaeology		
Site Location:	11411	IM1 Derryadd				
Trial Pit No:						
Date & Time:						
BP Testing details:		5th Dec 2017				
Di Testing details.	The following lay	vers were observed in this Trial	l Pit:			
	0.00 - 0	0.30 m : black organic peat				
	0.3–2.5 m : Light grey/olive, soft, slig	htly sandy, gravelly CLAY. Co	bbles SR . Obstruction at			
	Possible Bedrock or Obstruction at 2					
Observations & recommendations:	Water inflow at ba	se of peat and in the base of tr	ial pit			
		Relatively firm surface.				
	· Walls of tria	Il pit slightly unstable and crun	nbling			

Borrow Pit Assessment - Trial Pits	1				
Project title	Derryadd Wind Farm	Job number	10325	PEAT MARL	
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL	
Prepared by	John Dillon	Date	13th March 2018	BEDROCK	
Subject	Ground investigation (Trial Pi		15th March 2010	Possible BEDROCK	
Subject	IMT	(3)		Archaeology	
Site Location:					
Trial Pit No:		Derryadd BP21			
Date & Time:		5th Dec 2017			
BP Testing details:					
	The following la	ayers were observed in this	s Trial Pit:		
	0.00	0.10 m: Black organic pea	ŧ		
	0.00 -	0.10 m. Diack organic pea	ι		
	0.1 – 0.80 m: Light grey/oliv	ve, very soft, slightly sandy,	, gravelly SILT/CLAY.		
	Trial pit te	rminated at 0.8 due to bed	rock		
Observations & recommendations:	Trial pit collapsing	- water inflows from the b	ase of trial pit		
	•	Relatively firm surface.			
	· Walls of trial pit slightly unstable and crumbling				
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Borrow Pit Assessment - Tri	al Pits		1			
D. J. Add		T 1 1	10325	PEAT		
Project title Client	Derryadd Wind Farm Bord na Mona	Job number File reference	TP/BP Dec 2017	MARL TILL		
Prepared by	John Dillon	Date	13th March 2018	BEDROCK		
Subject	Ground investigation (Trial P		15th March 2010	Possible BEDROCK		
ousjeet	IMT					
Site Location:		Derryadd				
Trial Pit No:		BP12				
Date & Time:		5th Dec 2017				
BP Testing details:						
	The following l	ayers were observed in this	Trial Pit:			
	0.00	0.00 11 1				
	0.00 -	- 0.20 m: black organic peat				
	0.2 – 0.50 m : Weathered h	edrock with regular angula	r blocks of pale grev			
	0.2 0.50 m. weathered t	eenoek with regular angula	blocks of pale grey,			
Observations &	I	Dry - no major inflows				
recommendations:						
		Relatively firm surface.		-		
	· Walls of t	rial pit slightly unstable and	crumbling			
	wans of t	tial pit siightiy ulistable alle	erunibiling			
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al Pits					
D 11W7 1E	T 1 1	10225	PEAT		
			MARL		
			TILL		
		15th March 2018	BEDROCK		
	ts)		Possible BEDROCI Archaeology		
11/11	Derwadd		Archaeology		
	Derryadu				
The following l	avers were observed in this	Trial Dit:			
1.2m - Beo	lrock and large water inf	lows			
Trial pit terminated at 1.2 m due	e to abundance of large ang	gular boulders & bedrock.			
	Large water inflows				
	· Relatively firm surface.				
· Walls of tr					
	Derryadd Wind Farm Bord na Mona John Dillon Ground investigation (Trial Pi IMT The following l 0.00 – 0.3 m: Interb 0.3 – 1.2 m: Very soft r 1.2m - Bec	Derryadd Wind Farm Job number Bord na Mona File reference John Dillon Date Ground investigation (Trial Pits) IMT IMT Derryadd BP22 5th Dec 2017 The following layers were observed in this 0.00 – 0.3 m: Interbedded black and brown/re 0.3 – 1.2 m: Very soft running sands and sandy gr Trial pit terminated at 1.2 m due to abundance of large ang Large water inflows . Relatively firm surface.	Derryadd Wind Farm Job number 10325 Bord na Mona File reference TP/BP Dec 2017 John Dillon Date 13th March 2018 Ground investigation (Trial Pits) IMT IMT Derryadd BP22 5th Dec 2017 The following layers were observed in this Trial Pit: 0.00 - 0.3 m: Interbedded black and brown/red organic peat. 0.3 - 1.2 m: Very soft running sands and sandy gravelly silt/CLAY 1.2m - Bedrock and large water inflows Trial pit terminated at 1.2 m due to abundance of large angular boulders & bedrock. Large water inflows		

Client Bord Prepared by John Subject Grou IMT Site Location: Trial Pit No: Date & Time: BP Testing details:	0.00 – 0.3 m : Interb 0.3 – 1.2 m : Very soft f	Derryadd BP23 5th Dec 2017 ayers were observed in this edded black and brown/ree running sands and sandy gr		PEAT MARL TILL BEDROCK Possible BEDROC Archaeology
Client Bord Prepared by John Subject Grou IMT Site Location: Trial Pit No: Date & Time: BP Testing details:	na Mona Dillon nd investigation (Trial Pi The following l 0.00 – 0.3 m: Interb 0.3 – 1.2 m: Very soft n	File reference Date ts) Derryadd BP23 5th Dec 2017 ayers were observed in this edded black and brown/re running sands and sandy gr	TP/BP Dec 2017 13th March 2018 	TILL BEDROCK Possible BEDROC
Prepared by John Subject Grou IMT Site Location: Trial Pit No: Date & Time: BP Testing details: Trial p	Dillon nd investigation (Trial Pi The following l 0.00 – 0.3 m: Interb 0.3 – 1.2 m: Very soft n	Date ts) Derryadd BP23 5th Dec 2017 ayers were observed in this edded black and brown/re- running sands and sandy gr	13th March 2018 Trial Pit:	BEDROCK Possible BEDROC
Subject Grou IMT Site Location: Trial Pit No: Date & Time: BP Testing details: Trial p	nd investigation (Trial Pi The following l 0.00 – 0.3 m: Interb 0.3 – 1.2 m: Very soft r	ts) Derryadd BP23 5th Dec 2017 ayers were observed in this edded black and brown/ree running sands and sandy gr	Trial Pit:	Possible BEDROC
IMT Site Location: Frial Pit No: Date & Time: BP Testing details: Trial p Trial p	The following l 0.00 – 0.3 m: Interb 0.3 – 1.2 m: Very soft n	Derryadd BP23 5th Dec 2017 ayers were observed in this edded black and brown/ree running sands and sandy gr		
Site Location: Trial Pit No: Date & Time: BP Testing details: Trial p Trial p	0.00 – 0.3 m : Interb 0.3 – 1.2 m : Very soft f	BP23 5th Dec 2017 ayers were observed in this edded black and brown/re- running sands and sandy gr		Archaeology
Trial Pit No: Date & Time: BP Testing details: Trial p Trial p	0.00 – 0.3 m : Interb 0.3 – 1.2 m : Very soft f	BP23 5th Dec 2017 ayers were observed in this edded black and brown/re- running sands and sandy gr		
Date & Time: BP Testing details:	0.00 – 0.3 m : Interb 0.3 – 1.2 m : Very soft f	5th Dec 2017 ayers were observed in this edded black and brown/ree running sands and sandy gr		
BP Testing details:	0.00 – 0.3 m : Interb 0.3 – 1.2 m : Very soft f	ayers were observed in this edded black and brown/re running sands and sandy gr		
Trial p	0.00 – 0.3 m : Interb 0.3 – 1.2 m : Very soft f	edded black and brown/re- running sands and sandy gr		
	0.3 – 1.2 m : Very soft 1	running sands and sandy gr	d organic peat.	
	1.2m - Bee			
		drock and large water inf	lows	
Observations & recommendations:		e to abundance of large ang		
	Water i	nflows in the base of trial p	vit	
	Relatively firm surface. Walls of trial pit slightly unstable and crumbling			

Derryadd Wind Farm Bord na Mona John Dillon	Job number File reference	10325 TP/BP Dec 2017	PEAT MARL TILL	
Bord na Mona	File reference			
		TP/BP Dec 2017		
John Dhion	Date	13th March 2018	BEDROCK	
Ground investigation (Trial Pit		13th March 2018	Possible BEDROCK	
IMT	->)		Archaeology	
	Derryadd		0,	
	BP24			
	5th Dec 2017			
The following la	avers were observed in this	s Trial Pit:		
0.00 mmm. merse	delete black and brown/rec	d organie peat.		
2.2m - Bed	rock and large water inf	lows		
Trial pit terminated at 2.3 m due	to abundance of large ang	gular boulders & bedrock.		
	Relatively firm surface.			
Walls of trial pit slightly unstable and crumbling				
	0.00 – 1.1 m: Interbe 1.1 – 2.3 m: Very soft m 2.2m - Bed Trial pit terminated at 2.3 m due	BP24 5th Dec 2017 The following layers were observed in this 0.00 – 1.1 m: Interbedded black and brown/ree 1.1 – 2.3 m: Very soft running sands and sandy gr 2.2m - Bedrock and large water inf Trial pit terminated at 2.3 m due to abundance of large and Relatively firm surface.	BP24 5th Dec 2017 The following layers were observed in this Trial Pit: 0.00 – 1.1 m: Interbedded black and brown/red organic peat. 1.1 – 2.3 m: Very soft running sands and sandy gravelly silt/CLAY 2.2m - Bedrock and large water inflows Trial pit terminated at 2.3 m due to abundance of large angular boulders & bedrock. Relatively firm surface.	

Borrow Pit Assessment - 7	Trial Pits							
				PEAT				
Project title	Derryadd Wind Farm	Job number	10325	MARL				
Client	Bord na Mona	File reference Date	TP/BP Dec 2017 13th March 2018	TILL				
Prepared by	John Dillon	BEDROCK Possible BEDRO						
Subject		Ground investigation (Trial Pits)						
Site Location:	IMT	Derryadd		Archaeology				
Frial Pit No:		4						
Date & Time:								
BP Testing details:		5th Dec 2017						
BP Testing details:	The following layers were observed in this Trial Pit:							
		bedded black and brown/re						
	0.3 – 2.1 m : Light grey/ n	nid grey silty sandy GRAVE	L - TP at this location					
	No Bedrock	encountered - Obstruction	n at 2.1m					
	Trial pit term	inated at 2.1 m due to large	boulders					
Observations &								
recommendations:								
		Relatively firm surface.		1				
	· Walls of	trial pit slightly unstable and	l crumbling					
	CONTRACTOR OF THE	LAT TIZA						
		Weller.						

Borrow Pit Assessment - Trial Pits				
				PEAT
Project title	Derryadd Wind Farm	Job number	10325	MARL
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL
Prepared by	John Dillon	Date	13th March 2018	BEDROCK
Subject	Ground investigation (Trial Pi IMT	Possible BEDROCK		
Site Location:	11M 1	Archaeology		
Trial Pit No:		Derryadd BP26		-
Date & Time:		5th Dec 2017		-
BP Testing details:			-	
Di Testing uctans.	The following l	-		
	0.00 – 0.4 m : Interb	edded black and brown/re	d organic peat.	
	0.4-2 m: Light grey/ mid		- TP at this location	
	2	m- obstruction at 2m		
	Trial pit terminated at 2 m due	to abundance of large ang	ular boulders & bedrock.	
Observations & recommendations:				1
		Relatively firm surface.		-
	· Walls of tr	•		
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Borrow Pit Assessment - Trial Pits	r F		-	
	D 1107 10		40005	PEAT
Project title	Derryadd Wind Farm	Job number	10325	MARL
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL
Prepared by	John Dillon	Date	13th March 2018	BEDROCK
Subject	Ground investigation (Trial I IMT	Pits)		Possible BEDROCK
Site Location:	11011	Archaeology		
Trial Pit No:		Derryadd BP27		4
Date & Time:		5th Dec 2017		4
		501 Dec 2017		4
BP Testing details:	The following	glayers were observed in this	Trial Dit:	-
	The following	ayers were observed in this	Thai Fit.	
	0.00 – 0.6 m : Inter	bedded black and brown/red	d organic peat.	
		running sands and sandy gra		
	1.7m - B	edrock and large water inf	lows	
	Trial pit terminated at 1.7 m d	ue to abundance of large ang	gular boulders & bedrock.	
Observations & recommendations:		Large inflow at 1.7m		
	· Relatively firm surface.			4
	· Walls of	trial pit slightly unstable and	crumbling	

Borrow Pit Assessment - Trial P	its			1		
				PEAT		
Project title	Derryadd Wind Farm	Job number	10325	MARL		
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL		
Prepared by	John Dillon	Date	13th March 2018	BEDROCK		
Subject	Ground investigation (Trial P	its)		Possible BEDROC Archaeology		
Site Location:	11011	IMT' Derryadd				
Trial Pit No:		BP28				
Date & Time:		5th Dec 2017				
BP Testing details:						
	The following l	layers were observed in this	Trial Pit:			
	0.00 – 0.8 m : Interb	edded black and brown/ree	d organic peat.			
	0.8– 2.3m: \	/ery soft sandy gravelly silt/	/CLAY			
	2.3m - Large cobbles and					
	Trial pit terminated at 2.3 m du	e to abundance of large ang	gular boulders & bedrock.			
Observations & recommendations:	Minc	or inflow at base of trial pit				
	· ·	Relatively firm surface.		1		
	· Walls of t	rial pit slightly unstable and	l crumbling			

				PEAT
Project title	Derryadd Wind Farm	Job number	10325	MARL
Client	Bord na Mona	File reference	TP/BP Dec 2017	TILL
Prepared by	John Dillon	Date	13th March 2018	BEDROCK
Subject	Ground investigation (Trial Pit	ts)		Possible BEDROC
	IMT	Archaeology		
Site Location:		Derryadd		
Trial Pit No:		BP29		
Date & Time:		5th Dec 2017		
BP Testing details:			M - 1 - 1 - 1 - 1	
	The following la	ayers were observed in this	s Trial Pit:	
	0.00 0.2 m; Interbe	edded black and brown/re	d organic post	
	0.00 – 0.2 m. merbe	euded black and brown/re	u organic peat.	
	0.2m - Large Bedroc	k outcrop and exposure	at this location	
	0.2111 - Large Deuroe.	k outerop and exposure	at this location	
Observations & recommendations:		Rock at surface		
	Minor in	nflows at the base of trial j	oit	
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Borrow Pit Assessment - Trial Pits	•	•	•	
				PEAT
Project title	Derryadd Wind Farm	Job number	10325	MARL
Client	Bord na Mona John Dillon	File reference	TP/BP Dec 2017 13th March 2018	TILL
Prepared by Subject	Ground investigation (Tria	Date	15th March 2018	BEDROCK Possible BEDROCK
Subject	IMT	I Pits)		Archaeology
Site Location:	1	Derryadd		
Trial Pit No:		BP30		-
Date & Time:		5th Dec 2017		-
BP Testing details:				
	The following	ng layers were observed in this	Trial Pit:	
	0.00 0.2 m Lat		1	
	0.00 – 0.2 m: Int	erbedded black and brown/red	i organic peat.	
	0.2m - Large Bed	rock outcrop and exposure	at this location	
Observations & recommendations:		Rock at surface		
		No inflows		
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Borrow Pit Assessment - Tr	ial Pits		1				
				PEAT			
Project title	Derryadd Wind Farm	Job number	10325	MARL			
Client	Bord na Mona John Dillon	File reference	TP/BP Dec 2017 13th March 2018	TILL			
Prepared by Subject	Ground investigation (Trial	Date	15th March 2018	BEDROCK Possible BEDROCK			
Subject	IMT	Archaeology					
Site Location:		Derryadd					
Trial Pit No:		BP31					
Date & Time:		5th Dec 2017		-			
BP Testing details:							
	The followi	ng layers were observed in this	Trial Pit:				
	0.00 – 0.2 m : Int	erbedded black and brown/red	d organic peat.				
	0.2m - Large Bec	lrock outcrop and exposure	at this location				
Observations &		Rock at surface					
recommendations:		KOCK at surface					
		No inflows		-1			
				_			