



White Hill Wind Farm

# Environmental Impact Assessment Report

## Annex 6.2: Trial Pit Logs

White Hill Wind Limited

Galetech Energy Services

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HYDRO-ENVIRONMENTAL SERVICES

## Trial Pit Log

**Project No:** P1547-0

**Site:** White Hill WF, Co. Carlow

**Client:** Galetech Energy Services

**Date started:** 6/10/2021

**Date finished:** 6/10/2021

**Trial Pit No:** TP-TA

**Easting:** 661467

**Northing:** 667060

**Elevation:** .

### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00	XXXXXX	0.00	Ground Surface			
	XXXXXX	0.00	Slightly peaty topsoil			
	XXXXXX		Firm, organgy brown SILT			
1.00	XXXXXX	-1.00				
	XXXXXX	1.00	Very firm, organgy brown, gravelly SILT/CLAY			
2.00	XXXXXX	-1.90				
	XXXXXX	1.90	Soft, grey, weathered SHALE			
3.00	XXXXXX					
	XXXXXX	-3.30				
	XXXXXX	3.30				



**Remarks:**

**Contractor:**

**Excavator type:**

**Logged by:** DB

**Scale as shown**

**Sheet:** 1 of 1



HYDRO-ENVIRONMENTAL SERVICES

### Trial Pit Log

**Project No:** P1547-0

**Site:** White Hill WF, Co. Carlow

**Client:** Galetech Energy Services

**Date started:** 6/10/2021

**Date finished:** 6/10/2021

**Trial Pit No:** TP-TB

**Easting:** 661941

**Northing:** 666818

**Elevation:** .

#### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00		0.00	Ground Surface			
		0.00	Topsoil			
		-0.15				
		0.15	Firm, reddish brown, slightly gravelly SILT with angular cobbles			
1.00		-1.00				
		1.00	Soft, loose and weathered bedrock			
2.00						
		-2.30				
		2.30				



**Remarks:**

**Contractor:**

**Excavator type:**

**Logged by:** DB

**Scale as shown**

**Sheet:** 1 of 1



## Trial Pit Log

**Project No:** P1547-0  
**Site:** White Hill WF, Co. Carlow  
**Client:** Galetech Energy Services

**Date started:** 6/10/2021  
**Date finished:** 6/10/2021

**Trial Pit No:** TP-TC  
**Easting:** 661027  
**Northing:** 666207  
**Elevation:** .

### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00	Ground Surface	0.00	Ground Surface			
	Dark brown, peaty Topsoil	0.00 -0.15	Dark brown, peaty Topsoil			
	Soft, browish grey CLAY	-0.15 0.15	Soft, browish grey CLAY			
	Firm grey CLAY with abundant angular cobbles	-0.60 0.60	Firm grey CLAY with abundant angular cobbles			
1.00	Refusal on weathered/broken (blocky) bedrock	-1.70 1.70	Refusal on weathered/broken (blocky) bedrock			



**Remarks:**

Refusal on weathered/broken (blocky) bedrock

**Contractor:**

**Excavator type:**

**Logged by:** DB

**Scale as shown**

**Sheet:** 1 of 1



HYDRO-ENVIRONMENTAL SERVICES

### Trial Pit Log

**Project No:** P1547-0

**Site:** White Hill WF, Co. Carlow

**Client:** Galetech Energy Services

**Date started:** 6/10/2021

**Date finished:** 6/10/2021

**Trial Pit No:** TP-TE

**Easting:** 660872

**Northing:** 666649

**Elevation:** .

#### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00		0.00	Ground Surface			
		0.00	Topsoil			
		-0.10	Very firm, brown, gravelly SILT			
		0.10				
1.00		-1.40	Soft, weathered SHALE			
		1.40				
		-1.50				
		1.50				



**Remarks:**

**Contractor:**

**Excavator type:**

**Logged by:** DB

**Scale as shown**

**Sheet:** 1 of 1



HYDRO-ENVIRONMENTAL SERVICES

### Trial Pit Log

**Project No:** P1547-0

**Site:** White Hill WF, Co. Carlow

**Client:** Galetech Energy Services

**Date started:** 6/10/2021

**Date finished:** 6/10/2021

**Trial Pit No:** TP-TF

**Easting:** 660803

**Northing:** 667128

**Elevation:** .

#### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00		0.00	Ground Surface			
		0.00	Peaty Topsoil			
			Very firm to stiff grey SILT with occasional cobbles			
1.00						
		-1.90				
2.00		1.90	Very firm, sandy, gravelly SILT			
		-2.90				
3.00		2.90				



**Remarks:**

**Contractor:**

**Excavator type:**

**Logged by:** DB

**Scale as shown**

**Sheet:** 1 of 1



HYDRO-ENVIRONMENTAL SERVICES

### Trial Pit Log

**Project No:** P1547-0

**Site:** White Hill WF, Co. Carlow

**Client:** Galetech Energy Services

**Date started:** 6/10/2021

**Date finished:** 6/10/2021

**Trial Pit No:** TP-BP3

**Easting:** 661530

**Northing:** 666946

**Elevation:** .

#### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00		0.00	Ground Surface			
		0.00	Topsoil			
		-0.10				
		0.10	Firm, orangy grey SILT			
		-0.70				
		0.70	Soft, grey, weathered SHALE			
1.00		-1.00				
		1.00				



**Remarks:**

**Contractor:**

**Excavator type:**

**Logged by:** DB

**Scale as shown**

**Sheet:** 1 of 1



HYDRO-ENVIRONMENTAL SERVICES

### Trial Pit Log

**Project No:** P1547-0

**Site:** White Hill WF, Co. Carlow

**Client:** Galetech Energy Services

**Date started:** 6/10/2021

**Date finished:** 6/10/2021

**Trial Pit No:** TP-Substation

**Easting:** 660831

**Northing:** 664804

**Elevation:** .

#### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00		0.00	Ground Surface			
		0.00	Peaty Topsoil			
		-0.15 0.15	Firm, organy grey SILT getting more gravelly with depth			
1.00		-1.00 1.00	Soft, weathered SHALE			
		-1.10 1.10				



**Remarks:**

**Contractor:**

**Excavator type:**

**Logged by:** DB

**Scale as shown**

**Sheet:** 1 of 1





HYDRO-ENVIRONMENTAL SERVICES

### Trial Pit Log

**Project No:** P1547-0

**Site:** White Hill WF, Co. Carlow

**Client:** Galetech Energy Services

**Date started:** 6/10/2021

**Date finished:** 6/10/2021

**Trial Pit No:** TP\_Compound

**Easting:** 662093

**Northing:** 667653

**Elevation:** .

#### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00		0.00	Ground Surface			
		0.00	Topsoil			
			Firm, grey slightly sandy SILT			
1.00		-0.90				
		0.90	Brown, very firm SILT/CLAY with numerous angular clasts and frequent cobbles (Boulder Clay)			
2.00						
		-2.60				
		2.60				



**Remarks:**

**Contractor:**

**Excavator type:**

**Logged by:** DB

**Scale as shown**

**Sheet:** 1 of 1



**Project No:** P1547-0  
**Site:** White Hill WF, Co. Carlow  
**Client:** Galetech Energy Services

### Trial Pit Log

**Date started:** 6/10/2021  
**Date finished:** 6/10/2021

**Trial Pit No:** TP-BattSt  
**Easting:** 660813  
**Northing:** 664857  
**Elevation:** .

#### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00		0.00	Ground Surface			
		0.00	Peaty topsoil			
		-0.15 0.15	Firm, orangy grey SILT getting more gravelly with depth			
		-0.50 0.50	Soft, weathered SHALE			
1.00		-1.10 1.10				



**Remarks:**

**Contractor:**  
**Excavator type:**  
**Logged by:** DB

**Scale as shown**  
**Sheet:** 1 of 1

