



Cush Wind Farm

# Environmental Impact Assessment Report

## Annex 6.2: Trial Pit Logs

Cush Wind Limited

Galetech Energy Services  
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

**Project No:** P1537-2  
**Site:** Cush WF, Co. Offaly  
**Client:** Galetech Energy Services

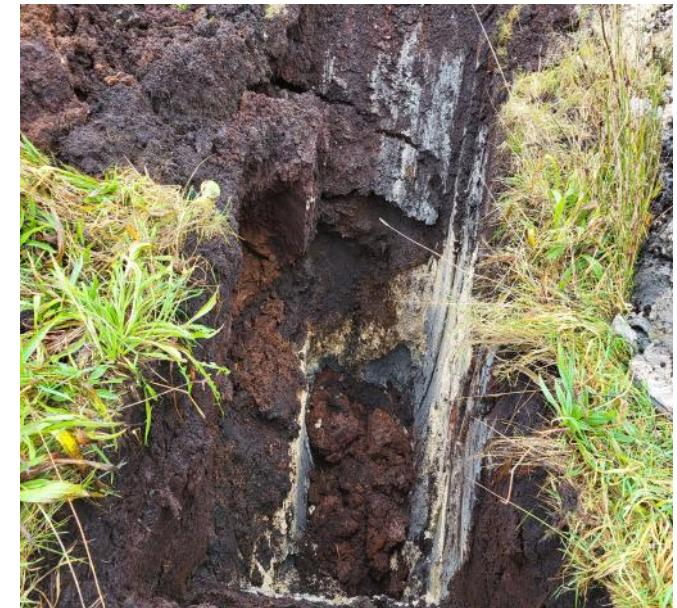
### Trial Pit Log

**Date started:** 05/12/2022  
**Date finished:** 05/12/2022

**Trial Pit No:** TP\_T1  
**Easting:** 206848  
**Northing:** 210414  
**Elevation:** .

#### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00		0.00	Ground Surface			
		0.00	PEAT			
1.00		-1.50				
		1.50	Pale yellow, soft shell MARL			
2.00		-2.10				
		2.10	Grey, soft CLAY (lacustrine)			
3.00						
4.00						
5.00		-5.00				
		5.00				



**Remarks:**

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

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



**Project No:** P1537-2  
**Site:** Cush WF, Co. Offaly  
**Client:** Galetech Energy Services

### Trial Pit Log

**Date started:** 05/12/2022  
**Date finished:** 05/12/2022

**Trial Pit No:** TP\_T2  
**Easting:** 206438  
**Northing:** 209787  
**Elevation:** .

#### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00		0.00	Ground Surface			
		0.00	PEAT			
		-0.50				
		0.50	Pale yellow, soft shell MARL			
1.00						
		-1.50				
		1.50	Grey, soft CLAY (lacustrine)			
2.00						
3.00						
4.00						
5.00		-5.00				
		5.00				



**Remarks:**

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

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



**Project No:** P1537-2  
**Site:** Cush WF, Co. Offaly  
**Client:** Galetech Energy Services

### Trial Pit Log

**Date started:** 05/12/2022  
**Date finished:** 05/12/2022

**Trial Pit No:** TP\_T3  
**Easting:** 207402  
**Northing:** 210721  
**Elevation:** .

#### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00		0.00	Ground Surface			
0.00		0.00	PEAT			
1.00						
2.00		-2.00 2.00	Pale yellow, soft shell MARL			
3.00						
4.00		-3.50 3.50	Grey, soft CLAY (lacustrine)			
5.00		-5.00 5.00				



**Remarks:**

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

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



**Project No:** P1537-2  
**Site:** Cush WF, Co. Offaly  
**Client:** Galetech Energy Services

### Trial Pit Log

**Date started:** 05/12/2022  
**Date finished:** 05/12/2022

**Trial Pit No:** TP\_T6  
**Easting:** 207855  
**Northing:** 209953  
**Elevation:** .

#### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00		0.00	Ground Surface			
		0.00	PEAT			
1.00						
2.00		-2.00 2.00	Grey, soft sandy SILT			
3.00		-3.00 3.00	Grey, soft CLAY (lacustrine) with fine sand layers			
4.00						
5.00		-5.00 5.00				



**Remarks:**

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

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



**Project No:** P1537-2  
**Site:** Cush WF, Co. Offaly  
**Client:** Galetech Energy Services

### Trial Pit Log

**Date started:** 05/12/2022  
**Date finished:** 05/12/2022

**Trial Pit No:** TP\_T7  
**Easting:** 208337  
**Northing:** 209703  
**Elevation:** .

#### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00		0.00	Ground Surface			
		0.00	Peaty Topsoil			
1.00			Grey, firm slightly gravelly SILT			
2.00		-2.30				
		2.30	Grey, soft CLAY (lacustrine)			
3.00						
4.00		-4.40				
		4.40				



**Remarks:**

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

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



**Project No:** P1537-2  
**Site:** Cush WF, Co. Offaly  
**Client:** Galetech Energy Services

### Trial Pit Log

**Date started:** 05/12/2022  
**Date finished:** 05/12/2022

**Trial Pit No:** TP\_T8  
**Easting:** 208478  
**Northing:** 210163  
**Elevation:** .

#### SUBSURFACE PROFILE

Depth	Symbol	Depth/Elev.	Description	Water Strikes	Sample Type	Comments
0.00		0.00	Ground Surface			
		0.00	Peaty Topsoil			
		-0.40	PEAT			
		0.40	Grey, very firm SILT			
1.00						
		-2.10	Loose, slightly silty sandy GRAVEL with cobbles and boulders			
		2.10	(large groundwater infows from gravels)			
		-2.40				
		2.40				
2.00						



**Remarks:**

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

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



**Project No:** P1537-2  
**Site:** Cush WF, Co. Offaly  
**Client:** Galetech Energy Services

### Trial Pit Log

**Date started:** 05/12/2022  
**Date finished:** 05/12/2022

**Trial Pit No:** TP\_BP  
**Easting:** 208423  
**Northing:** 210063  
**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	Very silty sandy GRAVEL			
1.00						
2.00						
		-2.60				
		2.60				



**Remarks:**

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

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



