

Project: Meenbog Windfarm, Co. Donegal
Appendix 8.1: Gouge Core Logs

T01 - GC1		
top	base	Description
	0	0.7 Medium brown, fibrous PEAT (H3/H4)
	0.7	0.8 Greyish brown, sandy SILT/CLAY
		0.8 Refusal on solid rock (bedrock presumed)
T02 - GC1		
top	base	Description
	0	2.5 Medium brown, fibrous PEAT (H4/H5)
		2.5 Greyish brown, sandy SILT/CLAY
T03 - GC1		
top	base	Description
	0	2.6 very soft brown fibrous PEAT with roots
	1.8	2.4 no sample recovered
	2.4	4.4 brown wet, slightly fibrous PEAT
		4.4 Refusal on mineral soil
T04 - GC1		
top	base	Description
	0	2.5 very soft brown fibrous PEAT with roots
		2.5 Refusal on rock (bedrock presumed)
T05 - GC1		
top	base	Description
	0	1.8 very soft brown fibrous PEAT with roots
	1.8	4.5 Dark brown wet PEAT
		4.4 Refusal on boudler or bedrock
T06 - GC1		
top	base	Description
	0	0.3 Medium brown fibrous PEAT (H2/H3)
		0.3 Refusal on solid rock (bedrock presumed)
T07 - GC1		
top	base	Description
	0	0.6 Soft, dark brown, fibrous PEAT (H3/H4)
	0.6	1.3 Soft, dark brown, slightly fibrous PEAT (H6)
	1.3	1.4 Firm, dark brown, sandy SILT/CLAY
		1.4 Refusal on solid rock (bedrock presumed)
T08 - GC1		
top	base	Description
	0	0.4 Soft, medium brown, fibrous PEAT (H3/H4)
	0.4	1.85 Soft, dark brown, slightly fibrous PEAT (H6)
		1.6 Refusal on solid rock (bedrock presumed)
T09 - GC1		
top	base	Description
	0	0.3 Medium brown, fibrous PEAT (H3/H4)
	0.3	0.6 Soft, light brown, sandy SILT
T10 - GC1		
top	base	Description
	0	1.4 Soft, dark brown, slightly fibrous PEAT (H5)
		1.4 Refusal on solid rock (bedrock presumed)
T11 - GC1		
top	base	Description
	0	0.5 Soft, medium brown, fibrous PEAT (H3/H4)
	0.5	1.2 Soft, dark brown, slightly fibrous PEAT (H6)
	1.2	1.6 Very Soft, dark brown, sPEAT (H7/H8)
		1.6 Refusal on solid rock (bedrock presumed)
T12 - GC1		
top	base	Description
	0	0.6 Dry fibrous, medium brown PEAT (H3/H4)
	0.6	1.5 Soft, dark brown, slightly fibrous PEAT (H6)
		1.5 Weathered rock or very gravelly mineral subsoil (no sample)
T13 - GC1		
top	base	Description
	0	0.5 Dark brown, fibrous PEAT
		0.5 rock below peat at 0.50m
T14 - GC1		
top	base	Description
	0	1.2 Soft, medium brown, slightly fibrous PEAT (H3/H4)
	1.2	1.6 Very Soft, medium brown, PEAT (H7)
		1.6 Firm, light brown, sandy SILT/CLAY
T15 - GC1		
top	base	Description
	0	0.55 Soft, brown, fibrous PEAT (H3/H4)
		0.55 bedrock below peat
T16 - GC1		
top	base	Description
	0	0.4 Soft, medium brown, fibrous PEAT (H3/H4)
		0.4 Refusal on solid rock (bedrock presumed)
T17 - GC1		
top	base	Description
	0	0.3 light brown, soft very fibrous PEAT with roots (H2/H3)
	0.3	1 Medium brown, soft fibrous PEAT (H3/H4)
	1	1.3 Dark brown, soft amorphous PEAT with some grey silt at base of peat profile
		1.3 hard till at base of peat

T18 - GC1		
top	base	Description
	0	0.92 dark brown PEAT (H5/H6)
		0.92 hard till at base of peat
T19 - GC1		
top	base	Description
	0	0.5 Soft, medium brown, fibrous PEAT (H3/H4)
		0.5 Refusal on solid rock (bedrock confirmed)
GC1		
E05241	N86492	
top	base	Description
	0	1 Slightly fibrous, Soft PEAT (H7)
		1 mineral subsoil with possible boulders (no sample)
GC2		
E05239	N86529	
top	base	Description
	0	1.2 Dark fibrous PEAT (H6 - H7)
		1.2 Firm, brown sandy SILT
BP1-GC1		
E87425	N85227	
top	base	Description
	0	1.2 Soft, medium brown, fibrous PEAT (H3/H4)
	1.2	2.9 Very Soft, dark brown, slightly fibrous PEAT (H7)
		2.9 Refusal on solid rock (bedrock presumed)
BP1-GC2		
207358	385167	
top	base	Description
	0	1 Soft, medium brown, fibrous PEAT (H3/H4)
	1	1.8 Very Soft, dark brown, slightly fibrous PEAT (H7)
		1.8 Hard mineral subsoil (no sample)
BP1-GC3		
207361	385145	
top	base	Description
	0	0.3 Medium brown Fibrous PEAT (H3)
		0.3 Refusal on solid rock (bedrock presumed)
BP2-GC1		
E07730	N86418	
top	base	Description
	0	1 Dry, medium brown fibrous PEAT
		1 Refusal on solid rock (Bedrock presumed)
BP2-GC2		
E07697	N86376	
top	base	Description
	0	0.85 Dry, medium brown fibrous PEAT
		0.85 Refusal on solid rock (Bedrock presumed)
BP3-GC1		
E08689	N86541	
top	base	Description
	0	1.23 Wet, brown fibrous PEAT
	1.23	1.28 Gre silty clay
		1.28 bedrock
BP3-GC2		
E08574	N86010	
top	base	Description
	0	0.3 Very soft, fibrous PEAT (H2/H3)
	0.3	1.34 Dark brown fibrous PEAT
		1.34 Refusal on solid rock (Bedrock presumed)
WS1		
E05519	N85933	
top	base	Description
	0	1.4 Very soft, medium brown PEAT (H3)
	1.4	3.2 Soft, brown, slightly fibrous PEAT (H4-H5)
	3.2	4.2 Soft, brown, slightly fibrous PEAT (H6-H7)
	4.2	4.65 Soft, grey sandy SILT/CLAY with bounders
		Refusal on boulder or rock
GC3		
E07819	N87089	
top	base	Description
	0	0.3 Very soft light brown fibrous PEAT (H2/H3)
	0.3	1.74 Soft brown fibrous PEAT
		1.74 Refusal on boulder or rock
GC4		
E07842	N87067	
top	base	Description
	0	1.58 Soft brown fibrous PEAT
		1.58 Refusal on boulder or rock
SS1-GC2		
E05149	N86691	
top	base	Description
	0	1.85 Soft fibrous PEAT (H3)
	1.85	2.5 Dark brown soft PEAT (H6)
		2.5 Hard gravelly mineral substrate (no sample)