



APPENDIX 8-3

**MONITORING WELL DRILLING
LOGS (2025)**



Drilling Log

Well No.: 25MW1

Project No: P1249-9

Date started: 07/04/2025

Easting: 607136.72

Site: Meenbog WF, Co. Donegal

Date finished: 07/04/2025

Northing: 885947.19

Client: MKO

Elevation: 220.6 mOD

SUBSURFACE PROFILE

Depth	Symbol	Description	Depth/Elev.	Water Level	Comments	Well Completion Details
0		Ground Surface	220.6			
		Hardcore very compacted grey	0.0			
		Hardcore Rock fill grey				
			218.2			
		Soft dark brown gravelly PEAT	2.4			
		Firm grey silty gravelly CLAY	217.1			
		Weak weathered grey SCHIST	3.5			
				Seepage at 4.2mbgl		
				Very slow water strike at 5.5mbgl		
			212.6			
		Medium strong grey SCHIST with occasional Weak layers	8.0			
10						
			205.6			
			15.0			

Remarks:

Drilling Contractor: Petersen Drilling Services Ltd.

Drilling type: Knebel HY79

Scale as shown

Logged by: MG

Sheet: 1 of 1



Drilling Log

Well No.: 25MW2

Project No: P1249-9

Date started: 08/04/2025

Easting: 607708.12

Site: Meenbog WF, Co. Donegal

Date finished: 08/04/2025

Northing: 886455.21

Client: MKO

Elevation: 194.3 mOD

SUBSURFACE PROFILE

[illegible]

Remarks:

Drilling Contractor: Petersen Drilling Services Ltd.

Drilling type: Knebel HY79

Scale as shown

Logged by: MG

Sheet: 1 of 1



Drilling Log

Well No.: 25MW3

Project No: P1249-9

Date started: 08/04/2025

Easting: 607204.81

Site: Meenbog WF, Co. Donegal

Date finished: 08/04/2025

Northing: 886051.52

Client: MKO

Elevation: 214.9 mOD

SUBSURFACE PROFILE

[illegible]

Remarks:

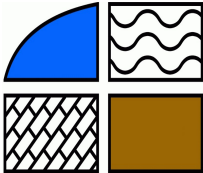
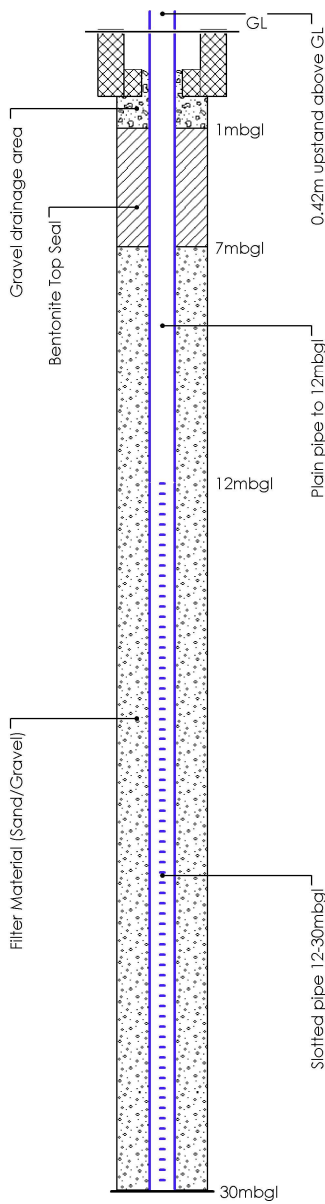
Drilling Contractor: Petersen Drilling Services Ltd.

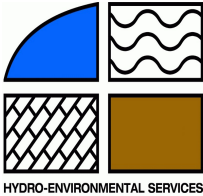
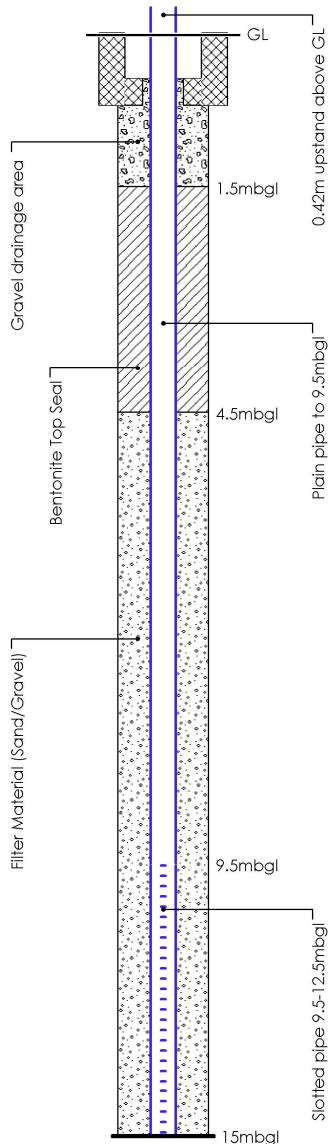
Drilling type: Knebel HY79

Scale as shown

Logged by: MG

Sheet: 1 of 1

 HYDRO-ENVIRONMENTAL SERVICES		Drilling Log			Well No.: 25MW4	
Project No: P1249-9		Date started: 08/04/2025		Easting: 607337.8		
Site: Meenbog WF, Co. Donegal		Date finished: 08/04/2025		Northing: 885968.7		
Client: MKO				Elevation: 231.0 mOD		
SUBSURFACE PROFILE						
Depth	Symbol	Description	Depth/Elev.	Water Level	Comments	Well Completion Details
0		Ground Surface Hardcore Rock Fill MADE GROUND Strong grey SCHIST rare Weak layers	231.0 0.0			
10					Seepage at 4.3mbgl	
20		Medium strong grey SCHIST with frequent weathered layer	216.5 14.5			
30			201.0 30.0			
Remarks:				Drilling Contractor: Petersen Drilling Services Ltd.		
				Drilling type: Knebel HY79		
				Logged by: MG		
				Scale as shown		
				Sheet: 1 of 1		
HYDRO-ENVIRONMENTAL SERVICES 22 Lower Main Street Dungarvan Co. Waterford X35 WK85 - Tel: 058-44122 - email: info@hydroenvironmental.ie						

		Drilling Log			Well No.: 25MW5	
Project No: P1249-9		Date started: 09/04/2025		Easting: 607418.47		
Site: Meenbog WF, Co. Donegal		Date finished: 09/04/2025		Northing: 887102.80		
Client: MKO				Elevation: 168.8 mOD		
SUBSURFACE PROFILE						
Depth	Symbol	Description	Depth/Elev.	Water Level	Comments	Well Completion Details
0		Ground Surface	168.8		Slow water strike at 2.2mbgl	
		Hardcore Rock Fill MADE GROUND	0.0			
		Firm grey silty gravelly CLAY	168.2			
			0.6			
		Strong grey SCHIST	166.6			
			2.2			
		Weak to Medium strong grey SCHIST with frequent pink weathered layers	164.3			
			4.5			
		Strong to Very strong grey SCHIST	161.3			
			7.5			
10			156.3			
			12.5			
Remarks:				Drilling Contractor: Petersen Drilling Services Ltd.		
				Drilling type: Knebel HY79		
				Logged by: MG		
				Scale as shown		
				Sheet: 1 of 1		
HYDRO-ENVIRONMENTAL SERVICES 22 Lower Main Street Dungarvan Co. Waterford X35 WK85 - Tel: 058-44122 - email: info@hydroenvironmental.ie						