



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

[illegible]

Remarks:

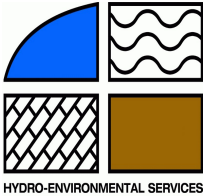
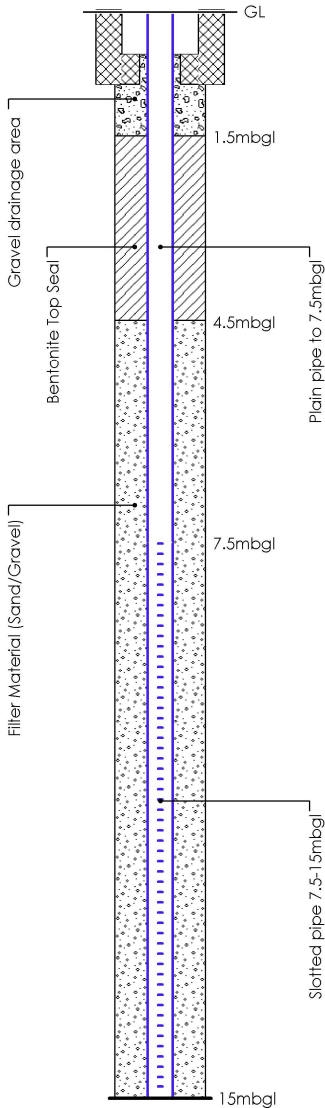
Drilling Contractor: Petersen Drilling Services Ltd.

Drilling type: Knebel HY79

Scale as shown

Logged by: MG

Sheet: 1 of 1

		Drilling Log			Well No.: 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						
Depth	Symbol	Description	Depth/Elev.	Water Level	Comments	Well Completion Details
0		Ground Surface	194.3			
		Hardcore Rock fill MADE GROUND	0.0			
		Firm to stiff grey silty gravelly CLAY high cobble content possible highly weathered rock	193.4		Very slow water strike at 1.6mbgl	
		Very strong grey SCHIST with occasional Weak weathered layers	0.9			
					Slow water strike at 5.3mbgl	
10						
			179.3			
			15.0			
Remarks:				Drilling Contractor: Petersen Drilling Services Ltd.		
				Drilling type: Knebel HY79		
				Scale as shown		
				Logged by: MG		
				Sheet: 1 of 1		
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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:

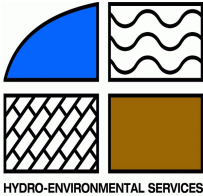
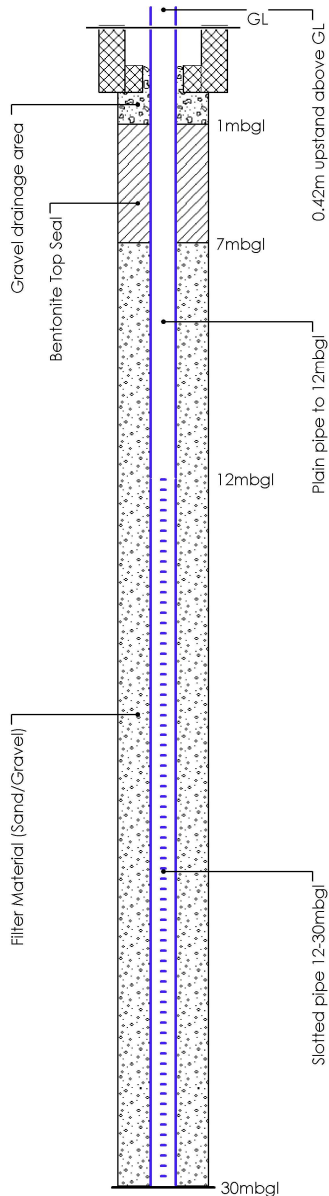
Drilling Contractor: Petersen Drilling Services Ltd.

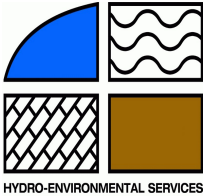
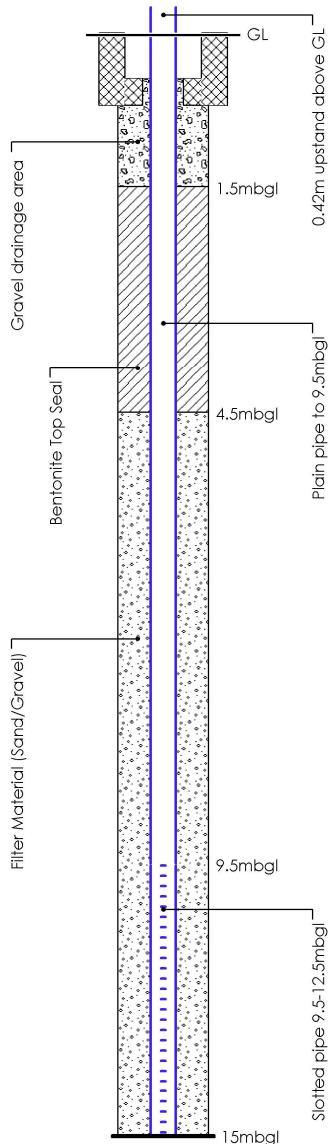
Drilling type: Knebel HY79

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		
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		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			
		Hardcore Rock Fill MADE GROUND	0.0			
		Firm grey silty gravelly CLAY	168.2			
			0.6			
		Strong grey SCHIST	166.6		Slow water strike at 2.2mbgl	
			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		
				Scale as shown		
				Logged by: MG		
				Sheet: 1 of 1		
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