

TP02

Claremorris Unregulated Landfill Site Investigation



Geological & Environmental Drilling Contractors
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VAT. NO: IE 6431197 F
JS DRILLING LTD
20 THE BELFRY
CHAPEL LANE
THOMASTOWN
CO. KILKENNY

Soft Ground Boring: Daily Record
Location: Claremorris
Client: Mayo Co Co
Date: 25-11-10
Ground Level: 67 m
(Ordnance datum)
GPS: 35154 74587
Rig Type: Tracked excavator
Site: Claremorris Landfill
Borehole No: TP 03
Sheet: 1 of 1
Engineer: AMR

Table with columns: Depth to base of strata, soft firm stiff, loose med.d. dense, colour, clayey silty sandy, fine med. coarse, soil name, with gravel, cobbles, sand bands, etc. Includes text description of strata at 0.0, 0.7, 6.2, and 6.4m depths.

SAMPLES table with columns: No, Type, Depth (m) From/To, U100 Blows (0-75), S.P.T / C.P.T (mm) (75-450), Remarks. Includes entry for TP03 at 3-3.5m depth.

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Water Strike (m) table with columns for Duration (mins) and 24hr after pulling casing. Includes Depth to water, Depth cased, Depth of hole, and Comments section.

CASING table with columns for Size (mm), From (m), To (m). Includes GAS MONITORING section with columns for CH4(%), CO2(%), O2 (%), and Atm pressure (MB).

Client.....

Driller.....



TP03

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TP04



TP05



TP06



TP07

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Soft Ground Boring: Daily Record

Location: Claremorris	Site: Claremorris Landfill
Client: Mayo Co Co	Slit trench No: ST 01
Date: 26-11-10	Sheet: 1 of 1
Ground Level: 64 m (Ordnance datum)	Engineer: AMR
GPS: 135057 274582	
Rig Type: Tracked excavator	

Comments
4m slit trench, edge of waste running into natural peat ground

GAS MONITORING			
CH4(%)	CO2(%)	O2 (%)	Atm pressure (MB)
0.1	0.1	21.0	0954



Client.....

Driller.....

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Soft Ground Boring: Daily Record

Location: Claremorris	Site: Claremorris Landfill
Client: Mayo Co Co	Slit trench No: ST 02
Date: 26-11-10	Sheet: 1 of 1
Ground Level: 64 m (Ordnance datum)	Engineer: AMR
GPS: 135080 274545	
Rig Type: Tracked excavator	

Comments
6m slit trench, edge of waste running into natural peat ground

GAS MONITORING			
CH4(%)	CO2(%)	O2 (%)	Atm pressure (MB)
0.1	0.2	21.0	0954



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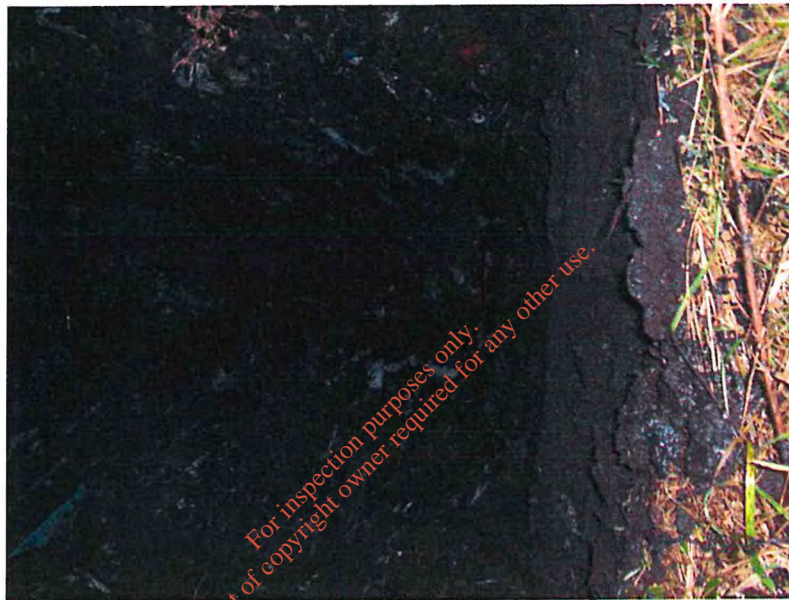
JS DRILLING LTD
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Soft Ground Boring: Daily Record

Location: Claremorris	Site: Claremorris Landfill
Client: Mayo Co Co	Slit trench No: ST 03
Date: 26-11-10	Sheet: 1 of 1
Ground Level: 65 m (Ordnance datum)	Engineer: AMR
GPS: 135115 274533	
Rig Type: Tracked excavator	

Comments
5m slit trench, waste 3m deep no edge found

GAS MONITORING			
CH4(%)	CO2(%)	O2 (%)	Atm pressure (MB)
0.1	0.1	21.0	0956



Client.....

Driller.....

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Soft Ground Boring: Daily Record			
Location: Claremorris		Site: Claremorris Landfill	
Client: Mayo Co Co		Slit trench No: ST 05	
Date: 26-11-10		Sheet: 1 of 1	
Ground Level: 64 m (Ordnance datum)		Engineer: AMR	
GPS: 135237 274538			
Rig Type: Tracked excavator			

Comments
6m slit trench, edge of waste into natural peat very soft saturated ground

GAS MONITORING			
CH4(%)	CO2(%)	O2 (%)	Atm pressure (MB)
0.1	0.1	21.0	0956



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Soft Ground Boring: Daily Record

Location: Claremorris	Site: Claremorris Landfill
Client: Mayo Co Co	Slit trench No: ST 06
Date: 26-11-10	Sheet: 1 of 1
Ground Level: 66 m (Ordnance datum)	Engineer: AMR
GPS: 135257 274573	
Rig Type: Tracked excavator	

Comments
5m slit trench, edge of waste into natural peat

GAS MONITORING			
CH4(%)	CO2(%)	O2 (%)	Atm pressure (MB)
0.1	0.2	21.0	0958



Client.....

Driller.....

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Soft Ground Boring: Daily Record

Location: Claremorris	Site: Claremorris Landfill
Client: Mayo Co Co	Slit trenchNo: ST 07
Date: 26-11-10	Sheet: 1 of 1
Ground Level 65 m (Ordnance datum)	Engineer: AMR
GPS: 135031 274643	
Rig Type: Tracked excavator	

Comments
5m slit trench, no lateral edge of waste but vertical depth shallow 0.3-0.4m suggesting close to edge

GAS MONITORING			
CH4(%)	CO2(%)	O2 (%)	Atm pressure (MB)
0.1	0.1	21.0	0958



Client.....

Driller.....



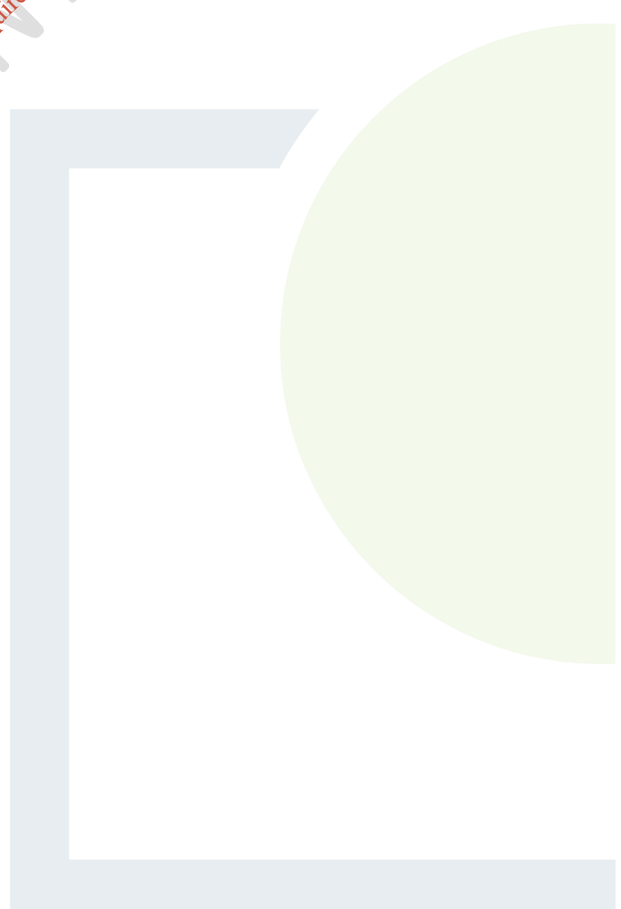
CONSULTANTS IN ENGINEERING,
ENVIRONMENTAL SCIENCE & PLANNING

APPENDIX 3

Site Walkover Photos

ISSUE FOR CLIENT COMMENT

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PHOTOGRAPHIC LOG



Client Name: Mayo County Council

Site Location: Claremorris

Project Number: P2348

Photo No.
1

Date:
16/01/20

Description:
View of Site



Photo No.
2

Date:
16/01/20

Description:

Railway located running along the northern boundary of the site



PHOTOGRAPHIC LOG



Client Name: Mayo County Council

Site Location: Claremorris

Project Number: P2348

Photo No.
3

Date:
16/01/20

Description:
Wetland



Photo No.
4

Date:
16/01/20

Description:
Surface waste



PHOTOGRAPHIC LOG



Client Name: Mayo County Council

Site Location: Claremorris

Project Number: P2348

Photo No.
5

Date:
16/01/20

Description:
Overview of site



Photo No.
6

Date:
16/01/20

Description:
Kilbeg-Malone stream which crosses the site on the North-East corner.



PHOTOGRAPHIC LOG



Client Name: Mayo County Council

Site Location: Claremorris

Project Number: P2348

Photo No.

Date:

7

16/01/20

Description:

Leachate seepage



Photo No.

Date:

8

16/01/20

Description:

Surface waste



PHOTOGRAPHIC LOG



Client Name: Mayo County Council

Site Location: Claremorris

Project Number: P2348

Photo No.

Date:

9

16/01/20

Description:

BHOX located xxxxx.



Photo No.

Date:

10

16/01/20

Description:

Surface waste

