

Project: Hydrogeology of proposed cemetery at Loganstown

Site: Loganstown
 Client: Meath County Council
 Project No.: 26/031

Method and Equipment: JCB 4CX Backhoe Excavator

Logged by: R. Meehan





Date: 04/09/2018

Easting: 282052

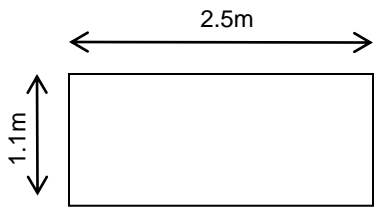
Northing: 257234

All dimensions on this sheet are in metres unless otherwise stated

Ground level OD: 59.5m

Samples & in-situ tests			Result Peak (Residual)	Water	Strata details			
Depth taken	Type	No			O.D. Level	Legend	Depth	Description
0.1-0.18					59.3		TOPSOIL 'A' horizon: compact, crumb, dark brown (3/3, 10YR) sandy loam with occasional gravels and occasional grass roots and rootlets.	
0.39-0.44					59.1		TOPSOIL/SUBSOIL 'B ₁ ' horizon: soft to firm, subangular blocky, dark brown (3/3 10YR), sandy SILT with occasional gravels and occasional grass rootlets.	
0.82-0.89							TOPSOIL/SUBSOIL 'B ₂ t' horizon: soft, massive, dark brown (3/3 10YR), sandy SILT with occasional gravels.	
1.0							'C' horizon (SUBSOIL): very soft, massive, yet fissile, dark yellowish brown (3/4, 10YR), very silty gravelly SAND with occasional cobbles and boulders. Pods of SAND up to 0.4m thick and 0.5m long.	
1.5								
2.0								
2.5					56.9			
2.6								
3.0							Trial pit completed at 2.6m on dark yellowish brown, massive, yet fissile, very soft, very silty gravelly SAND with occasional cobbles and boulders (glacial TILL subsoil).	
3.5								
4.0								
4.5								
5.0								

Plan



Bearing : 102° (E-W)

Stability :

Trial pit walls consolidated, and little collapse in side walls following excavation.

General remarks :

Dug in southwestern portion of the proposed burial ground site, into a dry locality, at one of the lowest points in the landholding. Dug on a 1° slope, falling southwestwards.

Groundwater :

Groundwater ingress at 2.5m, but rises to 2.35m after 2 hours.

Sequence summary:

Well drained topsoil over a permeable subsoil to 2.6m+ depth.
 No bedrock.

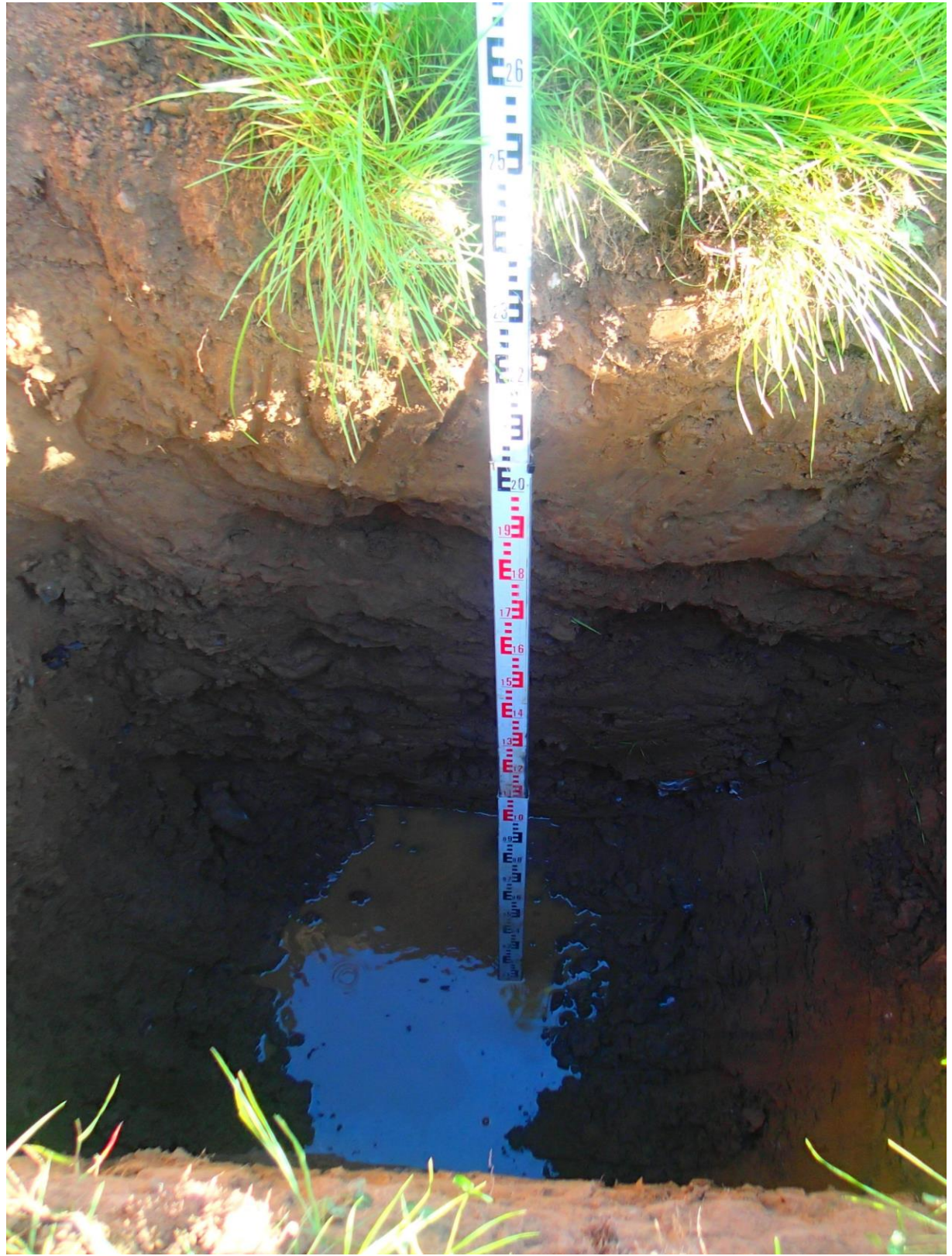


Plate A1: Profile of well drained topsoil overlying unmottled very silty gravelly SAND with occasional cobbles and boulders to 2.6m depth, in trial hole TP1. See the presence of the water table at the base of the hole.

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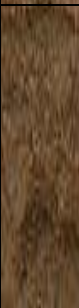
Date: 04/09/2018

Easting: 282104

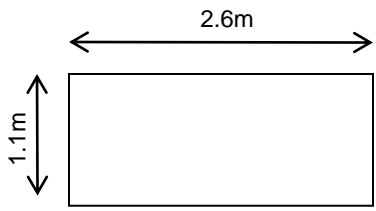
Northing: 257225

All dimensions on this sheet are in metres unless otherwise stated

Ground level OD: 59.8m

Samples & in-situ tests			Result Peak (Residual)	Water	Strata details			
Depth taken	Type	No			O.D. Level	Legend	Depth	Description
0.11-0.16					59.6		TOPSOIL 'A' horizon: compact, crumb, dark brown (3/3, 10YR) sandy loam with occasional gravels and occasional grass roots and rootlets.	
0.34-0.42 0.5				59.4	TOPSOIL/SUBSOIL 'B ₁ ' horizon: firm to stiff, subangular blocky, dark brown (3/3, 10YR), sandy SILT with occasional gravels and occasional grass rootlets.			
1.0 0.91-1.06							TOPSOIL/SUBSOIL 'B ₂ t' horizon: firm, massive, dark yellowish brown (4/6 10YR), sandy SILT with occasional gravels.	
1.5					'C' horizon (SUBSOIL): very soft to soft, massive, yet fissile, dark brown (3/3, 10YR), very silty gravelly SAND with occasional cobbles and boulders.			
2.0					Pods of SAND up to 0.3m thick and 0.3m long.			
2.5								
3.0					56.8		Trial pit completed at 3.0m on dark brown, massive, yet fissile, very soft to soft, very silty gravelly SAND with occasional cobbles and boulders (glacial TILL subsoil).	
3.5								
4.0								
4.5								
5.0								

Plan



Bearing : 96° (E-W)

Stability :

Trial pit walls consolidated, and little collapse in side walls following excavation.

General remarks :

Dug in southern portion of the proposed burial ground site, into a dry locality, at one of the lowest points in the landholding. Dug on a 1° slope, falling southwards.

Groundwater :

Groundwater ingress at 2.8m, but rises to 2.67m after 2 hours.

Sequence summary:

Well drained topsoil over a permeable subsoil to 3.0m+ depth.
 No bedrock.



Plate A2: Profile of well drained topsoil overlying unmottled very silty gravelly SAND with occasional cobbles and boulders to 3.0m depth, in trial hole TP2. See the presence of the water table at the base of the hole.

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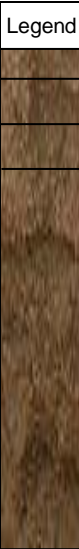
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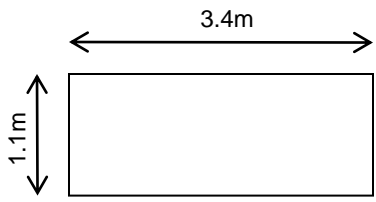
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All dimensions on this sheet are in metres unless otherwise stated

Ground level OD: 59.8m

Samples & in-situ tests			Result Peak (Residual)	Water	Strata details			
Depth taken	Type	No			O.D. Level	Legend	Depth	Description
0.1-0.17					59.6		TOPSOIL 'A' horizon: compact, crumb, dark brown (3/3, 10YR) sandy loam with occasional gravels and abundant grass roots and rootlets.	
0.34-0.42				59.4	TOPSOIL/SUBSOIL 'B ₁ ' horizon: firm, subangular blocky, dark yellowish brown (3/4 10YR), sandy SILT with occasional gravels and occasional grass rootlets.			
0.66-0.74				59.1	TOPSOIL/SUBSOIL 'B ₂ t' horizon: firm, massive, dark yellowish brown (4/6 10YR), sandy SILT with abundant gravels.			
1.0								
1.5							'C' horizon (SUBSOIL): very soft to soft, massive, yet fissile, very dark greyish brown (3/2, 10YR), very sandy gravelly SILT with occasional cobbles and boulders.	
2.0							Pods of SAND up to 0.1m thick and 0.3m long.	
2.5								
3.0					56.75		Trial pit completed at 3.05m on very dark greyish brown, massive, yet fissile, very soft to soft, very sandy gravelly SILT with occasional cobbles and boulders (glacial TILL subsoil).	
3.05								
3.5								
4.0								
4.5								
5.0								

Plan



Bearing : 98° (E-W)

Stability :

Trial pit walls consolidated, and little collapse in side walls following excavation.

General remarks :

Dug in southern portion of the proposed burial ground site, into a dry locality, at one of the lowest points in the landholding. Dug on a 1° slope, falling southwards.

Groundwater :

Dry.

Sequence summary:

Well drained topsoil over a permeable subsoil to 3.05m+ depth.
 No bedrock.



Plate A3: Profile of well drained topsoil overlying unmottled very sandy gravelly SILT with occasional cobbles and boulders to 3.05m depth, in trial hole TP3. See the absence of the water table and bedrock at the base of the hole.

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Site: Loganstown
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Method and Equipment: JCB 4CX Backhoe Excavator

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Date: 04/09/2018

Easting: 282188

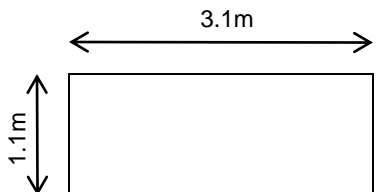
Northing: 257206

All dimensions on this sheet are in metres unless otherwise stated

Ground level OD: 59.8m

Samples & in-situ tests			Result Peak (Residual)	Water	Strata details			
Depth taken	Type	No			O.D. Level	Legend	Depth	Description
0.1-0.14					59.7			TOPSOIL 'A' horizon: compact, crumb, dark brown (3/3, 10YR) sandy loam with occasional gravels and abundant grass roots and rootlets.
0.5					59.4			TOPSOIL/SUBSOIL 'B _{2g} ' horizon: soft to firm, massive, mottled yellowish brown (5/6 10YR) and light bluish grey (8/1, GLEY 2), SAND.
0.73-0.89					59.1			
1.0								
1.5								
2.0								'Cg' horizon (SUBSOIL): very soft to firm, massive, yet fissile, mottled yellowish brown (5/6, 10YR), very dark greyish brown (3/2, 10YR) and light bluish grey (6/1, 10YR), very sandy gravelly SILT with occasional cobbles and boulders.
2.5								Pods of silty SAND with abundant gravels up to 0.3m thick and 2.3m long.
2.9					56.9			Trial pit completed at 2.9m on mottled yellowish brown, very dark greyish brown and light bluish grey, massive, yet fissile, very soft to firm, very sandy gravelly SILT with occasional cobbles and boulders (glacial TILL subsoil).
3.0								
3.5								
4.0								
4.5								
5.0								

Plan



Bearing : 86° (E-W)

Stability :

Trial pit walls consolidated, but some collapse in side walls following excavation.

General remarks :

Dug in southeastern portion of the proposed burial ground site, into a dry locality, at one of the lowest points in the landholding. Dug on a 1° slope, falling southwestwards.

Groundwater :

Seep in basal 0.05m of holes means groundwater ingress to 2.72m bgl, 2 house after excavation.

Sequence summary:

Poorly drained topsoil over a permeable subsoil to 2.9m+ depth. No bedrock.



Plate A4: Profile of poorly drained topsoil overlying mottled very sandy gravelly SILT with occasional cobbles and boulders to 2.9m depth, in trial hole TP4. See the presence of the water table at the base of the hole.

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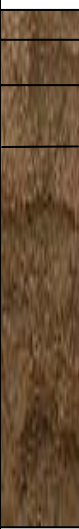
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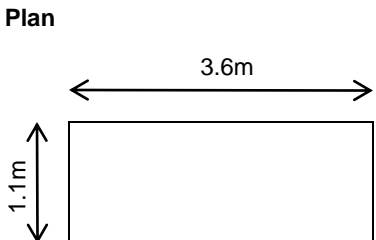
Easting: 282205

Northing: 257253

All dimensions on this sheet are in metres unless otherwise stated

Ground level OD: 61.2m

Samples & in-situ tests			Result Peak (Residual)	Water	Strata details			
Depth taken	Type	No			O.D. Level	Legend	Depth	Description
0.1-0.15					61.1		TOPSOIL 'A' horizon: compact, crumb, very dark brown (2/2, 10YR) organic sandy loam with abundant grass roots and rootlets.	
0.38-0.41				60.8	TOPSOIL/SUBSOIL 'B ₁ ' horizon: firm to stiff, subangular blocky, yellowish brown (4/6 10YR), slightly sandy SILT with occasional grass rootlets.			
0.71-0.85							TOPSOIL/SUBSOIL 'B _{2t} ' horizon: stiff, massive, light brown (6/4 10YR), SILT with occasional gravels.	
1.0							'C' horizon (SUBSOIL): very soft to soft, massive, yet fissile, dark brown (3/3, 10YR), gravelly silty SAND with occasional cobbles and boulders. Pods of silty SAND up to 0.15m thick and 0.6m long.	
1.5								
2.0								
2.5								
3.0								
3.2					58.0		Trial pit completed at 3.2m on dark brown, massive, yet fissile, very soft to soft, gravelly silty SAND with occasional cobbles and boulders (glacial TILL subsoil).	
3.5								
4.0								
4.5								
5.0								



Bearing : 342° (NNW-SSE)

Stability :
 Trial pit walls consolidated, and little collapse in side walls following excavation.

General remarks :
 Dug in southeastern portion of the proposed burial ground site, into a dry locality, on relatively high ground within the landholding. Dug on a 3° slope, falling southwestwards.

Groundwater :
 Dry.

Sequence summary:
 Well drained topsoil over a permeable subsoil to 3.2m+ depth.
 No bedrock.



Plate A5: Profile of well drained topsoil overlying unmottled gravelly silty SAND with occasional cobbles and boulders to 3.2m depth, in trial hole TP5. See the absence of the water table and bedrock at the base of the hole.

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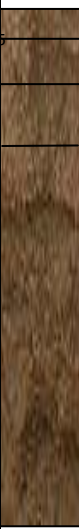
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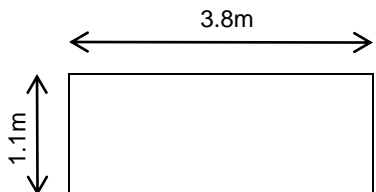
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All dimensions on this sheet are in metres unless otherwise stated

Ground level OD: 60.8m

Samples & in-situ tests			Result Peak (Residual)	Water	Strata details			
Depth taken	Type	No			O.D. Level	Legend	Depth	Description
0.12-0.18					60.6		TOPSOIL 'A' horizon: compact, crumb, very dark brown (2/2, 10YR) loam with abundant grass roots and rootlets.	
0.35-0.38				60.4	TOPSOIL/SUBSOIL 'B ₁ ' horizon: soft to firm, subangular blocky, very dark brown (2/2, 10YR), sandy SILT with abundant gravels, and occasional grass rootlets.			
0.66-0.74				60.1	TOPSOIL/SUBSOIL 'B _{2t} ' horizon: firm, massive, dark yellowish brown (4/6 10YR), sandy SILT with abundant gravels.			
1.0							'C' horizon (SUBSOIL): very soft to soft, massive, yet fissile, dark brown (3/3, 10YR), sandy SILT with abundant gravels and occasional cobbles and boulders. Pods of SAND up to 0.3m across.	
1.5								
2.0								
2.5								
3.0								
3.15					57.65		Trial pit completed at 3.15m on dark brown, massive, yet fissile, very soft to soft, sandy SILT with abundant gravels and occasional cobbles and boulders (glacial TILL subsoil).	
3.5								
4.0								
4.5								
5.0								

Plan



Bearing : 74° (W-E)

Stability :

Trial pit walls consolidated, and little collapse in side walls following excavation.

General remarks :

Dug in south central portion of the proposed burial ground site, into a dry locality, on relatively high ground within the landholding. Dug on a 3° slope, falling southwestwards.

Groundwater :

Dry.

Sequence summary:

Well drained topsoil over a permeable subsoil to 3.15m+ depth.
 No bedrock.

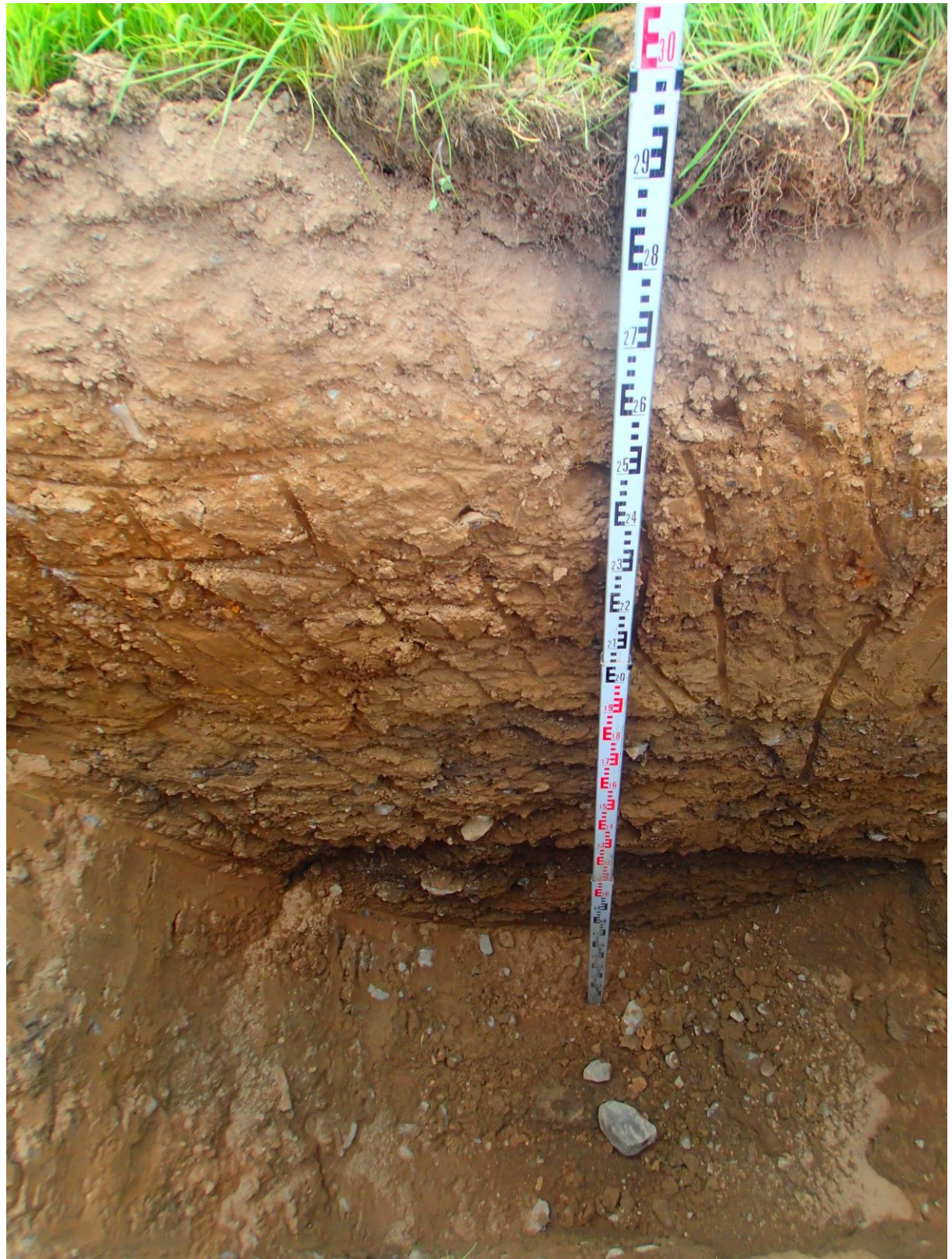


Plate A6: Profile of well drained topsoil overlying unmottled sandy SILT with abundant gravels and occasional cobbles and boulders to 3.15m depth, in trial hole TP6. See the absence of the water table and bedrock at the base of the hole.

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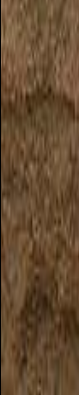
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Easting: 282120

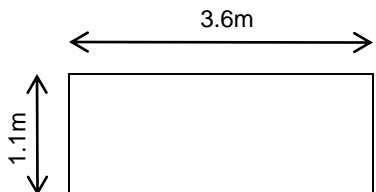
Northing: 257281

All dimensions on this sheet are in metres unless otherwise stated

Ground level OD: 60.4m

Samples & in-situ tests			Result Peak (Residual)	Water	Strata details			
Depth taken	Type	No			O.D. Level	Legend	Depth	Description
0.11-0.13						60.3		TOPSOIL 'A' horizon: compact, crumb, dark brown (3/3, 10YR) organic loam with abundant grass roots and rootlets.
0.5 0.5-0.56						59.9		TOPSOIL/SUBSOIL 'B' horizon: firm to stiff, subangular blocky, dark brown (3/3, 10YR), sandy SILT with occasional gravels, and occasional grass rootlets.
1.0								'C' horizon (SUBSOIL): very soft, massive, yet fissile, dark brown (3/3, 10YR), sandy gravelly SILT with occasional cobbles and boulders. Wide, long beds of gravelly SAND up to 0.3m across at 2.0m-2.6m depth.
1.5								
2.0								
2.5								
3.0						57.4		Trial pit completed at 3.0m on dark brown, massive, yet fissile, very soft, sandy gravelly SILT with occasional cobbles and boulders (glacial TILL subsoil).
3.5								
4.0								
4.5								
5.0								

Plan



Bearing : 74° (W-E)

Stability :

Trial pit walls consolidated, and little collapse in side walls following excavation.

General remarks :

Dug in south central portion of the proposed burial ground site, into a dry locality, on relatively high ground within the landholding. Dug on a 2° slope, falling southwards.

Groundwater :

Dry.

Sequence summary:

Well drained topsoil over a permeable subsoil to 3.0m+ depth.
 No bedrock.



Plate A7: Profile of well drained topsoil overlying unmottled sandy gravelly SILT with occasional cobbles and boulders to 3.0m depth, in trial hole TP7. See the absence of the water table and bedrock at the base of the hole.

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Site: Loganstown
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Method and Equipment: JCB 4CX Backhoe Excavator

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Date: 04/09/2018

Easting: 282054

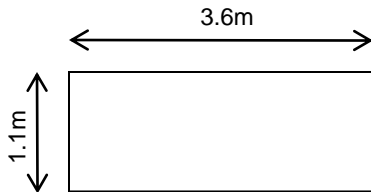
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All dimensions on this sheet are in metres unless otherwise stated

Ground level OD: 60.6m

Samples & in-situ tests			Result Peak (Residual)	Water	Strata details			
Depth taken	Type	No			O.D. Level	Legend	Depth	Description
0.11-0.16						60.5	TOPSOIL 'A' horizon: compact, crumb, dark brown (3/3, 10YR) loam with abundant grass roots and rootlets.	
0.36-0.45 0.5						60.2	TOPSOIL/SUBSOIL 'B ₁ ' horizon: firm to stiff, subangular blocky, dark yellowish brown (4/6, 10YR). SILT with occasional gravels, and occasional grass rootlets.	
1.0 1.03-1.12							TOPSOIL/SUBSOIL 'B ₂ ' horizon: firm, massive, light brown (6/8, 10YR) sandy SILT with occasional gravels.	
1.5							'C' horizon (SUBSOIL): very soft to soft, massive, yet fissile, dark brown (3/3, 10YR), gravelly silty SAND with occasional cobbles and boulders.	
2.0							Pods of SAND up to 0.1m across.	
2.5								
3.0						57.6	Trial pit completed at 3.0m on dark brown, massive, yet fissile, very soft to soft, gravelly silty SAND with occasional cobbles and boulders (glacial TILL subsoil).	
3.5								
4.0								
4.5								
5.0								

Plan



Bearing : 106° (WNW-ESE)

Stability :

Trial pit walls consolidated, and little collapse in side walls following excavation.

General remarks :

Dug in southwestern portion of the proposed burial ground site, into a dry locality, on relatively high ground within the landholding. Dug on a 2° slope, falling southwards.

Groundwater :

Dry.

Sequence summary:

Well drained topsoil over a permeable subsoil to 3.0m+ depth.
 No bedrock.

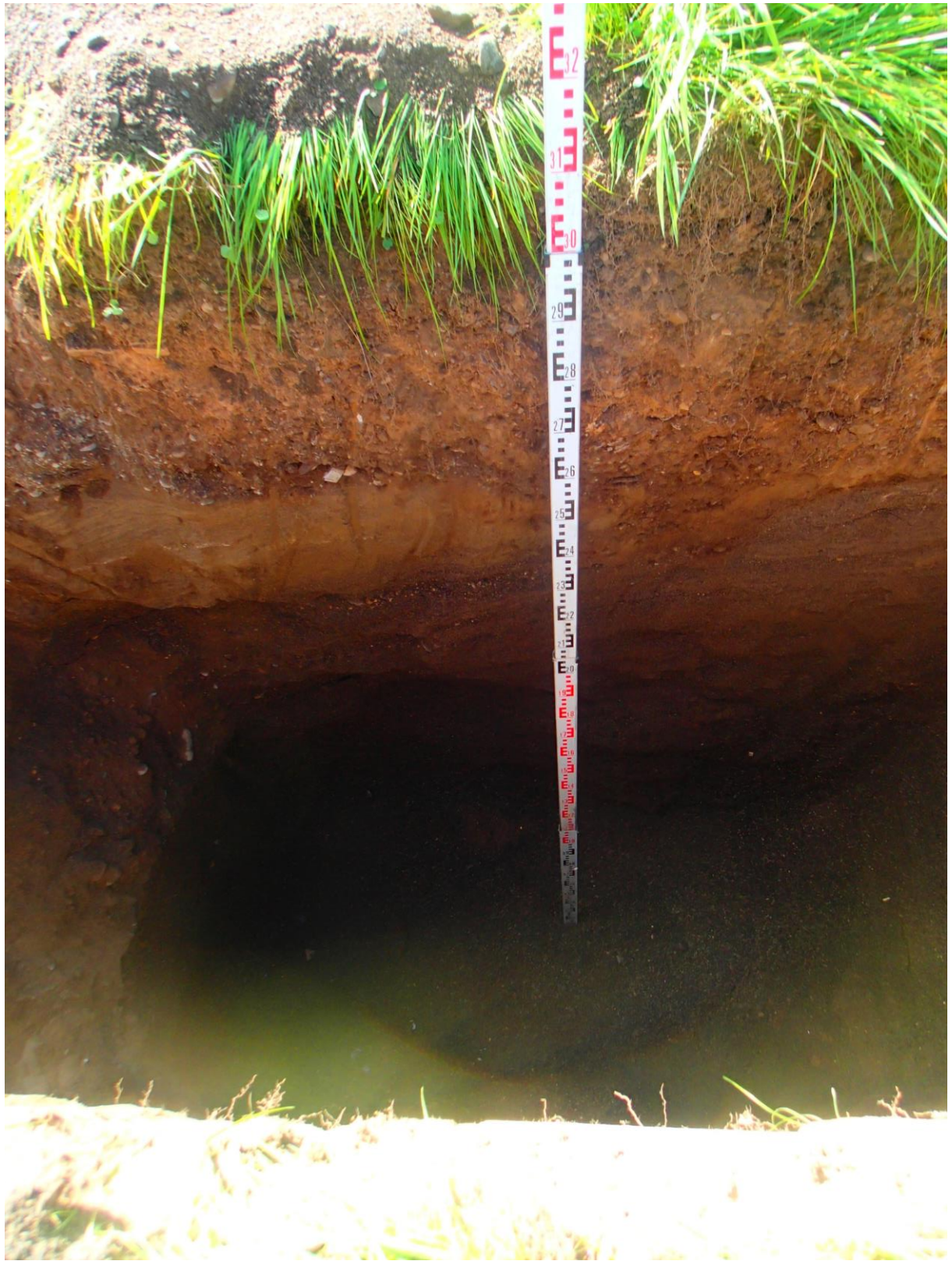


Plate A8: Profile of well drained topsoil overlying unmottled gravelly silty SAND with occasional cobbles and boulders to 3.0m depth, in trial hole TP8. See the absence of the water table and bedrock at the base of the hole.

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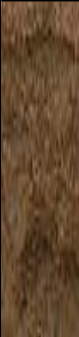
Date: 04/09/2018

Easting: 282052

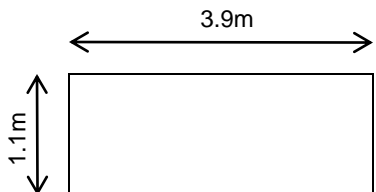
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All dimensions on this sheet are in metres unless otherwise stated

Ground level OD: 61.4m

Samples & in-situ tests			Result Peak (Residual)	Water	Strata details			
Depth taken	Type	No			O.D. Level	Legend	Depth	Description
0.1-0.16						61.3		TOPSOIL 'A' horizon: compact, crumb, dark brown (3/3, 10YR) loam with abundant grass roots and rootlets.
0.4-0.43 0.5						61.0		TOPSOIL/SUBSOIL 'B ₁ ' horizon: firm to stiff, subangular blocky, yellowish brown (5/6, 10YR), sandy SILT with occasional gravels and occasional grass rootlets.
0.77-0.84 1.0								TOPSOIL/SUBSOIL 'B ₂ ' horizon: stiff, massive, dark brown (3/3, 10YR) slightly sandy SILT/CLAY with occasional gravels.
1.5								'C' horizon (SUBSOIL): very soft to soft, massive, yet fissile, dark brown (3/3, 10YR), very sandy gravelly SILT with occasional cobbles and boulders.
2.0								Pods of silty SAND up to 0.3m across.
2.5								
3.0						58.4		Trial pit completed at 3.0m on dark brown, massive, yet fissile, very soft to soft, very sandy gravelly SILT with occasional cobbles and boulders (glacial TILL subsoil).
3.5								
4.0								
4.5								
5.0								

Plan



Bearing : 86° (W-E)

Stability :

Trial pit walls consolidated, and little collapse in side walls following excavation.

General remarks :

Dug in western portion of the proposed burial ground site, into a dry locality, on relatively high ground within the landholding. Dug on a 1° slope, falling southwards.

Groundwater :

Dry.

Sequence summary:

Well drained topsoil over a permeable subsoil to 3.0m+ depth.
 No bedrock.



Plate A9: Profile of well drained topsoil overlying unmoistened very sandy gravelly SILT with occasional cobbles and boulders to 3.0m depth, in trial hole TP9. See the absence of the water table and bedrock at the base of the hole.

TRIAL PIT RECORD TP10

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Logged by: R. Meehan

Date: 04/09/2018

Easting: 282113

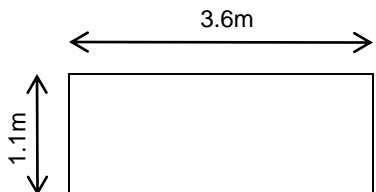
Northing: 257342

All dimensions on this sheet are in metres unless otherwise stated

Ground level OD: 61.5m

Samples & in-situ tests			Result Peak (Residual)	Water	Strata details			
Depth taken	Type	No			O.D. Level	Legend	Depth	Description
0.1-0.16						61.4		TOPSOIL 'A' horizon: compact, crumb, dark brown (3/3, 10YR) sandy loam with abundant grass roots and rootlets.
0.2-0.5						61.0		TOPSOIL/SUBSOIL 'B' horizon: firm to stiff, subangular blocky, brown (4/3, 10YR) sandy gravelly SILT with occasional grass rootlets.
1.0								'C' horizon (SUBSOIL): very soft to soft, massive, yet fissile, dark brown (3/3, 10YR), very sandy gravelly SILT with occasional cobbles and boulders. Pods of silty SAND up to 0.3m across.
1.5								
2.0								
2.5								
3.0						58.4		
3.5								Trial pit completed at 3.0m on dark brown, massive, yet fissile, very soft to soft, very sandy gravelly SILT with occasional cobbles and boulders (glacial TILL subsoil).
4.0								
4.5								
5.0								

Plan



Bearing : 94° (W-E)

Stability :

Trial pit walls consolidated, and little collapse in side walls following excavation.

General remarks :

Dug in eastern edge of a marked hollow in the proposed burial ground site, into a dry locality, still on relatively high ground within the landholding. Dug on a 2° slope, falling westwards.

Groundwater :

Dry.

Sequence summary:

Well drained topsoil over a permeable subsoil to 3.0m+ depth.
 No bedrock.



Plate A10: Profile of well drained topsoil overlying unmottled very sandy gravelly SILT with occasional cobbles and boulders to 3.0m depth, in trial hole TP10. See the absence of the water table and bedrock at the base of the hole.

TRIAL PIT RECORD TP11

Project: Hydrogeology of proposed cemetery at Loganstown

Site: Loganstown
 Client: Meath County Council
 Project No.: 26/031

Method and Equipment: JCB 4CX Backhoe Excavator

Logged by: R. Meehan

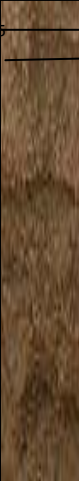
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Easting: 282162

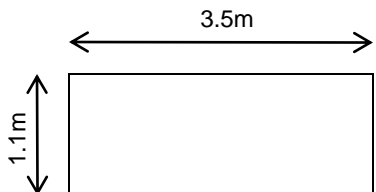
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All dimensions on this sheet are in metres unless otherwise stated

Ground level OD: 62.2m

Samples & in-situ tests			Result Peak (Residual)	Water	Strata details			
Depth taken	Type	No			O.D. Level	Legend	Depth	Description
0.13-0.16					62.1		TOPSOIL 'A' horizon: compact, crumb, brown (4/3, 10YR) loam with abundant grass roots and rootlets.	
0.31-0.35				61.9	TOPSOIL/SUBSOIL 'B' horizon: firm, subangular blocky, brown (4/3, 10YR) sandy SILT. with abundant gravels and abundant grass rootlets.			
0.5								
1.0								
1.5							'C' horizon (SUBSOIL): very soft, granular, very dark greyish brown (3/2, 10YR), SAND with occasional gravels.	
2.0							Pods of sandy GRAVEL in places, up to 0.25m across.	
2.5								
3.0					59.2		Trial pit completed at 3.0m on very dark greyish brown, massive, yet fissile, very soft, SAND with occasional gravels (glaciofluvial SAND subsoil).	
3.5								
4.0								
4.5								
5.0								

Plan



Bearing : 78° (W-E)

Stability :

Trial pit walls consolidated, and little collapse in side walls following excavation.

General remarks :

Dug in western edge of a marked hillock in the proposed burial ground site, into a dry locality, on relatively high ground within the landholding. Dug on a 1° slope, falling westwards.

Groundwater :

Dry.

Sequence summary:

Well drained topsoil over a permeable subsoil to 3.0m+ depth. No bedrock.



Plate A11: Profile of well drained topsoil overlying unmottled SAND with occasional gravels to 3.0m depth, in trial hole TP11. See the absence of the water table and bedrock at the base of the hole.

TRIAL PIT RECORD TP11

Project: Hydrogeology of proposed cemetery at Loganstown

Site: Loganstown
 Client: Meath County Council
 Project No.: 26/031

Method and Equipment: JCB 4CX Backhoe Excavator

Logged by: R. Meehan

Date: 04/09/2018

Easting: 282162

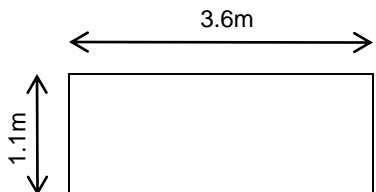
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All dimensions on this sheet are in metres unless otherwise stated

Ground level OD: 62.6m

Samples & in-situ tests			Result Peak (Residual)	Water	Strata details		
Depth taken	Type	No			O.D. Level	Legend	Depth
0.13-0.16						62.5	TOPSOIL 'A' horizon: compact, crumb, brown (4/3, 10YR) loam with abundant grass roots and rootlets.
0.31-0.35						62.3	TOPSOIL/SUBSOIL 'B' horizon: firm, subangular blocky, brown (4/3, 10YR) sandy SILT with abundant gravels and abundant grass rootlets.
0.5							
1.0							
1.5							'C' horizon (SUBSOIL): very soft, granular, very dark greyish brown (3/2, 10YR), SAND with occasional gravels.
2.0							Pods of sandy GRAVEL in places, up to 0.4m across.
2.5							
3.0						59.6	Trial pit completed at 3.0m on very dark greyish brown, massive, yet fissile, very soft, SAND with occasional gravels (glaciofluvial SAND subsoil).
3.5							
4.0							
4.5							
5.0							

Plan



Bearing : 84° (W-E)

Stability :

Trial pit walls consolidated, and little collapse in side walls following excavation.

General remarks :

Dug in western shoulder of a marked hillock in the proposed burial ground site, into a dry locality, on relatively high ground within the landholding. Dug on a 1° slope, falling westwards.

Groundwater :

Dry.

Sequence summary:

Well drained topsoil over a permeable subsoil to 3.0m+ depth.
 No bedrock.



Plate A12: Profile of well drained topsoil overlying unmottled SAND with occasional gravels to 3.0m depth, in trial hole TP12. See the absence of the water table and bedrock at the base of the hole.