

TRIAL PIT LOG

TRIAL PIT NUMBER: TP01

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 204028

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 87541

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~165mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.10			Brown, dry organic sandy/clayey Topsoil. (possible made ground, may have been dug before, or spoil from access track ditches)
					1		Very Stiff, reddish brown, sandy, gravelly SILT /CLAY (Devonian derived glacial till), with occasional angular siltstone gravels and cobbles.
				-1.90			
				-2.35	2		Hard, dry, weathered and angular gravel and cobbles of Siltstone, possible weathered bedrock.
							Total Depth of Trial Pit
					3		

REMARKS: No water inflows. Trial pit dry and stable.	PIT LENGTH: 2.2m PIT BREADTH: 1.0m FINAL DEPTH: 2.35m EXCAVATOR: JCB
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LEGEND ▽ - Water strike D - Disturbed sample B - Bulk disturbed sample W - Water sample V - Vane test T - No. of threads R - Average length of ribbons Dil - Dilatancy recorded ND - No dilatancy recorded	PAGE 1 of 1 SCALE as shown
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TRIAL PIT LOG

TRIAL PIT NUMBER: TP02

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 204099

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 87461

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~165mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.20			Brown, dry organic sandy/clayey Topsoil with grass rootlets
					1		Stiff to Very Stiff, reddish brown, sandy, gravelly SILT /CLAY (Devonian derived glacial till), with occasional angular siltstone cobbles/boulders at depth.
					2		
				-2.70			Total Depth of Trial Pit
					3		

REMARKS: No water inflows. Trial pit dry and stable.	PIT LENGTH: 2.2m PIT BREADTH: 1.0m FINAL DEPTH: 2.7m EXCAVATOR: JCB
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LEGEND ▽ - Water strike D - Disturbed sample B - Bulk disturbed sample W - Water sample V - Vane test T - No. of threads R - Average length of ribbons Dil - Dilatancy recorded ND - No dilatancy recorded	PAGE 1 of 1 SCALE as shown
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TRIAL PIT LOG

TRIAL PIT NUMBER: TP03

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 204176

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 87377

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~165.5mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.15			Black/Brown, dry organic sandy/clayey Topsoil with roots
					1		Stiff to Very Stiff, reddish brown, sandy, gravelly SILT /CLAY (Devonian derived glacial till), with occasional siltstone boulders.
				-1.60			
				-1.80	2		Stiff to Very Stiff, reddish brown, sandy, gravelly SILT /CLAY (Devonian derived glacial till), with increasing frequency of angular siltstone cobbles and boulders with depth.
							Total Depth of Trial Pit
					3		

REMARKS: No water inflows. Trial pit dry and stable.	PIT LENGTH: 2.2m PIT BREADTH: 1.0m FINAL DEPTH: 1.8m EXCAVATOR: JCB
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LEGEND ∇ - Water strike D - Disturbed sample B - Bulk disturbed sample W - Water sample V - Vane test T - No. of threads R - Average length of ribbons Dil - Dilatancy recorded ND - No dilatancy recorded	PAGE 1 of 1
	SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP03A

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 204289

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 87296

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~162mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.20			Black/Brown, dry organic sandy/clayey Topsoil with roots
					1		Very Stiff, dry, reddish brown, sandy, gravelly SILT /CLAY (Devonian derived glacial till).
				-2.00	2		Dense to Loose, reddish brown, dry, medium to fine grained SAND with occasional rounded and angular gravels of siltstone/sandstone.
				-4.00	4		Total Depth of Trial Pit
					5		

REMARKS:
 Face of old borrow pit cleaned and logged.
 No water seepages noted.
 Face of pit was dry and stable.

PIT LENGTH: n/a
PIT BREADTH: n/a
FINAL DEPTH: n/a
EXCAVATOR: JCB

- LEGEND**
 ▽ - Water strike
 D - Disturbed sample
 B - Bulk disturbed sample
 W - Water sample
 V - Vane test
 T - No. of threads
 R - Average length of ribbons
 Dil - Dilatancy recorded
 ND - No dilatancy recorded

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SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP04

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 204403

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 87158

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~161mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.15			Black/Brown, dry organic sandy/clayey Topsoil with roots
							Stiff to Very Stiff, reddish brown, slightly sandy, slightly gravelly SILT /CLAY (Devonian derived glacial till).
				-1.60			Stiff to Very Stiff, reddish brown, sandy, gravelly SILT /CLAY (Devonian derived glacial till), with increasing frequency of angular siltstone cobbles and boulders (possible weathered bedrock) in green and red sand matrix at depth.
				-2.30			Total Depth of Trial Pit
					3		

REMARKS: No water inflows. Trial pit dry and stable.	PIT LENGTH: 2.2m PIT BREADTH: 1.0m FINAL DEPTH: 2.3m EXCAVATOR: JCB
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LEGEND ∇ - Water strike D - Disturbed sample B - Bulk disturbed sample W - Water sample V - Vane test T - No. of threads R - Average length of ribbons Dil - Dilatancy recorded ND - No dilatancy recorded	PAGE 1 of 1 SCALE as shown
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TRIAL PIT LOG

TRIAL PIT NUMBER: TP04A

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 204478

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 87419

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~172mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.20			Red/brown, dry organic sandy/clayey Topsoil with roots, and orange staining on clay (iron).
				-0.85			Stiff, dry, reddish brown, slightly sandy, slightly gravelly SILT /CLAY (Devonian derived glacial till).
				-2.30			Loose to medium dense, dry, slightly clayey, sandy GRAVEL with angular and rounded gravels of siltstone and sandstone, and increasing angular gravel content with depth.
							Total Depth of Trial Pit

REMARKS:

No water inflows.
Trial pit dry and stable.

PIT LENGTH: 2.2m

PIT BREADTH: 1.0m

FINAL DEPTH: 2.3m

EXCAVATOR: JCB

LEGEND

- ∇ - Water strike
- D - Disturbed sample
- B - Bulk disturbed sample
- W - Water sample
- V - Vane test
- T - No. of threads
- R - Average length of ribbons
- Dil - Dilatancy recorded
- ND - No dilatancy recorded

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SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP04B

PROJECT NUMBER: P1453-0

DATE STARTED: 29/05/2020

EASTING: 204585

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 87912

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION:

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.10			Brown, dry, sandy CLAY (Topsoil) with grass roots
							Stiff, dry, grey/brown, slightly sandy, slightly gravelly SILT /CLAY (Devonian derived glacial till).
				-0.64			Loose to medium dense, dry, clayey SAND.
					1		
					2		
				-2.20			Total Depth of Trial Pit
					3		

REMARKS: No water inflows. Trial pit dry and stable.	PIT LENGTH: 2.2m PIT BREADTH: 1.0m FINAL DEPTH: 2.2m EXCAVATOR: JCB
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LEGEND ▽ - Water strike D - Disturbed sample B - Bulk disturbed sample W - Water sample V - Vane test T - No. of threads R - Average length of ribbons Dil - Dilatancy recorded ND - No dilatancy recorded	PAGE 1 of 1
	SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP06

PROJECT NUMBER: P1453-0

DATE STARTED: 29/05/2020

EASTING: 204143

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 86979

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~139.5mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.50			Dark brown, organic, stoney clayey Topsoil (ploughed field, close to stream).
				-0.70			Medium dense, red/brown, gravelly CLAY (gravelly clay layer above main till).
				-1.80	1		Very Stiff, damp, reddish brown, mottled, slightly sandy, slightly gravelly SILT /CLAY (Devonian derived glacial till), with occassional cobbles of siltstone/sandstone.
strong water inflow			▼	-2.30	2		Wet, Loose to Medium dense, reddish brown, sandy, angular and sub-rounded GRAVEL of siltstone/sandstone.
							Total Depth of Trial Pit
					3		

REMARKS:

Water inflow @ 2.1mbgl.
Trial pit collapsing below 1.8mbgl after water inflow.

PIT LENGTH: 2.2m

PIT BREADTH: 1.0m

FINAL DEPTH: 2.3m

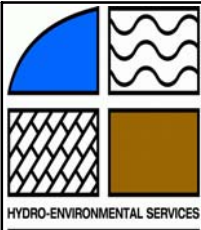
EXCAVATOR: JCB

LEGEND

- ▼ - Water strike
- D - Disturbed sample
- B - Bulk disturbed sample
- W - Water sample
- V - Vane test
- T - No. of threads
- R - Average length of ribbons
- Dil - Dilatancy recorded
- ND - No dilatancy recorded

PAGE 1 of 1

SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP09

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 204409

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 86831

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~139mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.10			Brown, damp organic sandy/clayey Topsoil with surface water seepage
					1		Soft to Firm, damp, reddish brown, slightly sandy, slightly gravelly (sticky) mottled SILT /CLAY (Devonian derived glacial till).
				-2.30	2		
					3		Total Depth of Trial Pit

REMARKS:

Surface water seepage at ground level.
Trial pit damp but stable.

PIT LENGTH: 2.2m

PIT BREADTH: 1.0m

FINAL DEPTH: 2.3m

EXCAVATOR: JCB

LEGEND

- ∇ - Water strike
- D - Disturbed sample
- B - Bulk disturbed sample
- W - Water sample
- V - Vane test
- T - No. of threads
- R - Average length of ribbons
- Dil - Dilatancy recorded
- ND - No dilatancy recorded

PAGE 1 of 1

SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP10

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 204459

SITE: Lyrenacarraiga WF


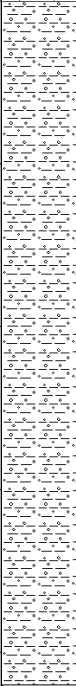
LOGGED BY: MGill

NORTHING: 86731

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~136mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.50			Track side drain/ditch, with red/brown, damp organic sandy/clayey Topsoil with surface water seepage.
				-2.60	1		Soft to Firm, damp, reddish brown, slightly sandy, slightly gravelly (sticky) mottled SILT /CLAY (Devonian derived glacial till). (Excavated material clumps together when excavated)
					2		
					3		Total Depth of Trial Pit

REMARKS:

Surface water seepage at ground level.
Trial pit damp from 1.0-2.6mbgl but stable.

PIT LENGTH: 2.2m

PIT BREADTH: 1.0m

FINAL DEPTH: 2.6m

EXCAVATOR: JCB

LEGEND

- ∇ - Water strike
- D - Disturbed sample
- B - Bulk disturbed sample
- W - Water sample
- V - Vane test
- T - No. of threads
- R - Average length of ribbons
- Dil - Dilatancy recorded
- ND - No dilatancy recorded

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SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP10A

PROJECT NUMBER: P1453-0

DATE STARTED: 29/05/2020

EASTING: 204823

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 86604

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~142mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.30			Brown, dry, sandy CLAY (Topsoil) with grass roots
					1		Loose to medium dense, dry, slightly gravelly, clayey SAND, with very occasional cobbles of siltstone/sandstone.
					2		
					3		
				-3.20			Total Depth of Trial Pit
					4		

REMARKS:

No water inflows.
Trial pit dry and stable.

PIT LENGTH: 2.2m
PIT BREADTH: 1.0m
FINAL DEPTH: 3.2m
EXCAVATOR: JCB

LEGEND

- ∇ - Water strike
- D - Disturbed sample
- B - Bulk disturbed sample
- W - Water sample
- V - Vane test
- T - No. of threads
- R - Average length of ribbons
- Dil - Dilatancy recorded
- ND - No dilatancy recorded

PAGE 1 of 1

SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP011

PROJECT NUMBER: P1453-0

DATE STARTED: 29/05/2020

EASTING: 204344

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 86461

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~142mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.18			Brown, dry, sandy/clayey Topsoil with grass roots.
	TP11/S1	B			1		Stiff, dry, reddish brown, slightly gravelly, slightly sandy SILT (Devonian derived glacial till), with occasional gravel and cobbles of siltstone, and pockets of sand (weathered cobbles of sandstone).
				-2.30	2		
					3		Total Depth of Trial Pit

REMARKS:

No water inflows.
Trial pit dry and stable.

PIT LENGTH: 2.2m

PIT BREADTH: 1.0m

FINAL DEPTH: 2.3m

EXCAVATOR: JCB

LEGEND

- ∇ - Water strike
- D - Disturbed sample
- B - Bulk disturbed sample
- W - Water sample
- V - Vane test
- T - No. of threads
- R - Average length of ribbons
- Dil - Dilatancy recorded
- ND - No dilatancy recorded

PAGE 1 of 1

SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP012

PROJECT NUMBER: P1453-0

DATE STARTED: 29/05/2020

EASTING: 204177

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 86239

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~146mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.15			Red/brown, sandy/clayey Topsoil (ploughed field).
					1		Very Stiff, dry, reddish brown, slightly sandy, gravelly SILT /CLAY (Devonian derived glacial till), with occasional cobbles of siltstone/sandstone.
				-2.05	2		Loose to Medium Dense, dry, reddish brown, sandy, angular and sub-rounded GRAVELS and COBBLES of weathered siltstone/sandstone.
				-2.30			Total Depth of Trial Pit
					3		

REMARKS:

No water inflows.
Trial pit dry and stable.

PIT LENGTH: 2.2m

PIT BREADTH: 1.0m

FINAL DEPTH: 2.3m

EXCAVATOR: JCB

LEGEND

- ∇ - Water strike
- D - Disturbed sample
- B - Bulk disturbed sample
- W - Water sample
- V - Vane test
- T - No. of threads
- R - Average length of ribbons
- Dil - Dilatancy recorded
- ND - No dilatancy recorded

PAGE 1 of 1

SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP15

PROJECT NUMBER: P1453-0

DATE STARTED: 29/05/2020

EASTING: 203477

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 85502

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~178mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.65	1		Loose, dry, black, angular gravel and cobbles of red siltstone and sandstone, in peaty sandy matrix (possible made ground).
				-1.70			Stiff, dry, reddish brown, slightly sandy, slightly gravelly SILT /CLAY (Devonian derived glacial till), with occasional cobbles of siltstone/sandstone.
				-1.90	2		Loose to Medium dense, reddish brown, sandy, angular and sub-rounded GRAVEL of siltstone/sandstone, possible weathered bedrock.
							Total Depth of Trial Pit
					3		

REMARKS:
No water inflows
Trial pit dry and stable.

PIT LENGTH: 2.2m
PIT BREADTH: 1.0m
FINAL DEPTH: 1.9m
EXCAVATOR: JCB

LEGEND
 ▽ - Water strike
 D - Disturbed sample
 B - Bulk disturbed sample
 W - Water sample
 V - Vane test
 T - No. of threads
 R - Average length of ribbons
 Dil - Dilatancy recorded
 ND - No dilatancy recorded

PAGE 1 of 1

SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP16

PROJECT NUMBER: P1453-0

DATE STARTED: 29/05/2020

EASTING: 203610

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 85140

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~186mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.20			Soft, dry, black, organic Topsoil.
				-0.80			Stiff, dry, reddish brown, slightly sandy, slightly gravelly SILT /CLAY (Devonian derived glacial till), with occasional cobbles of siltstone/sandstone.
				-2.00			Loose to Medium dense, reddish brown, sandy, angular and sub-rounded GRAVEL of siltstone/sandstone, possible weathered bedrock.
					2		Total Depth of Trial Pit
					3		

REMARKS: No water inflows Trial pit dry and stable.	PIT LENGTH: 2.2m PIT BREADTH: 1.0m FINAL DEPTH: 2.0m EXCAVATOR: JCB
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LEGEND ▽ - Water strike D - Disturbed sample B - Bulk disturbed sample W - Water sample V - Vane test T - No. of threads R - Average length of ribbons Dil - Dilatancy recorded ND - No dilatancy recorded	PAGE 1 of 1 SCALE as shown
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TRIAL PIT LOG

TRIAL PIT NUMBER: TP17

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 200367

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 87065

CLIENT: Innogy

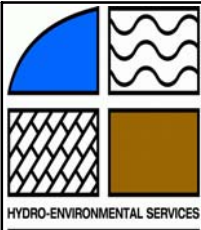
CONTRACTOR: NO'K (JCB)

ELEVATION: ~163mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.15			Brown, dry organic sandy/clayey Topsoil.
					1		Stiff, reddish brown, sandy, gravelly SILT /CLAY (Devonian derived glacial till), with occasional angular siltstone gravels and cobbles.
				-2.10	2		
					3		Total Depth of Trial Pit

REMARKS: No water inflows. Trial pit dry and stable.	PIT LENGTH: 2.2m PIT BREADTH: 1.0m FINAL DEPTH: 2.1m EXCAVATOR: JCB
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LEGEND ▽ - Water strike D - Disturbed sample B - Bulk disturbed sample W - Water sample V - Vane test T - No. of threads R - Average length of ribbons Dil - Dilatancy recorded ND - No dilatancy recorded	PAGE 1 of 1 SCALE as shown
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TRIAL PIT LOG

TRIAL PIT NUMBER: TP18

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 200159

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 87492

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~183mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.15			Brown, dry organic Topsoil with tree roots.
					1		Stiff, reddish brown, slightly gravelly, sandy SILT /CLAY (Devonian derived glacial till), with occasional angular green sandstone cobbles at depth.
				-2.00	2		Weathered green angular Sandstone bedrock in clayey/sandy matrix. Refusal at 2.35mbgl
				-2.35			Total Depth of Trial Pit
					3		

REMARKS:

No water inflows.
Trial pit dry and stable.

PIT LENGTH: 2.2m

PIT BREADTH: 1.0m

FINAL DEPTH: 2.35m

EXCAVATOR: JCB

LEGEND

- ∇ - Water strike
- D - Disturbed sample
- B - Bulk disturbed sample
- W - Water sample
- V - Vane test
- T - No. of threads
- R - Average length of ribbons
- Dil - Dilatancy recorded
- ND - No dilatancy recorded

PAGE 1 of 1

SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP18A

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 199995

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 87450

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~187mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.15			Brown, dry organic Topsoil.
				-1.20	1		Stiff, reddish brown, slightly gravelly, sandy SILT /CLAY (Devonian derived glacial till), with occasional angular siltstone cobbles at depth.
				-2.20	2		Stiff, reddish brown, sandy, gravelly, SILT /CLAY (Devonian derived glacial till), with increasing green angular sandstone gravel and cobbles with depth. Possible weathered bedrock from 2.0mbgl.
							Total Depth of Trial Pit
					3		

REMARKS: No water inflows. Trial pit dry and stable.	PIT LENGTH: 2.2m PIT BREADTH: 1.0m FINAL DEPTH: 2.2m EXCAVATOR: JCB
	PAGE 1 of 1

LEGEND ▽ - Water strike D - Disturbed sample B - Bulk disturbed sample W - Water sample V - Vane test T - No. of threads R - Average length of ribbons Dil - Dilatancy recorded ND - No dilatancy recorded	SCALE as shown
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TRIAL PIT LOG

TRIAL PIT NUMBER: TP19

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 199657

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 87270

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~191mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
Refusal on possible bedrock at 1.8mbgl				0.00	0		Ground Surface
				-0.15			Brown, dry organic sandy/clayey Topsoil.
					1		Stiff, reddish brown, sandy, gravelly SILT /CLAY (Devonian derived glacial till), with occasional angular siltstone gravel and cobbles.
				-1.50			Strong, dry, red weathered angular siltstone bedrock in clayey sand matrix.
				-1.80			Possible weathered bedrock from 1.8mbgl.
					2		Total Depth of Trial Pit
					3		

REMARKS:

No water inflows.
Trial pit dry and stable.

PIT LENGTH: 2.2m

PIT BREADTH: 1.0m

FINAL DEPTH: 1.8m

EXCAVATOR: JCB

LEGEND

- ∇ - Water strike
- D - Disturbed sample
- B - Bulk disturbed sample
- W - Water sample
- V - Vane test
- T - No. of threads
- R - Average length of ribbons
- Dil - Dilatancy recorded
- ND - No dilatancy recorded

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SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP20

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 199759

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 87789

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~184mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
water inflow at 2.0mbgl			▽	0.00	0		Ground Surface
				-0.15			Brown, dry soft Topsoil with grass roots. (ground rutted from machinery tracks)
					1		Stiff, reddish brown, slightly gravelly, sandy (sticky) SILT /CLAY (Devonian derived glacial till), with occasional angular siltstone gravels and cobbles with depth.
				-2.00	2		Total Depth of Trial Pit
					3		

REMARKS:
 Water inflow @ 2.0mbgl.
 Trial pit stable.
 Ground rutted from machinery, soft ground during winter conditions (possible seepage area towards local stream to the north)

PIT LENGTH: 2.2m
PIT BREADTH: 1.0m
FINAL DEPTH: 2.0m
EXCAVATOR: JCB

LEGEND
 ▽ - Water strike
 D - Disturbed sample
 B - Bulk disturbed sample
 W - Water sample
 V - Vane test
 T - No. of threads
 R - Average length of ribbons
 Dil - Dilatancy recorded
 ND - No dilatancy recorded

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SCALE



TRIAL PIT LOG

TRIAL PIT NUMBER: TP21

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 199659

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 87764

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~189mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.15			Brown, dry Topsoil with grass roots.
					1		Stiff, reddish brown, slightly gravelly, sandy SILT /CLAY (Devonian derived glacial till), with increasing angular cobbles with depth.
				-1.80			
				-2.20	2		Medium dense, reddish brown, sandy, angular GRAVEL/COBBLES of siltstone/sandstone.
							Total Depth of Trial Pit
					3		

REMARKS:

No water strikes or inflows.
Trial pit dry and stable.

PIT LENGTH: 2.2m

PIT BREADTH: 1.0m

FINAL DEPTH: 2.2m

EXCAVATOR: JCB

LEGEND

- ∇ - Water strike
- D - Disturbed sample
- B - Bulk disturbed sample
- W - Water sample
- V - Vane test
- T - No. of threads
- R - Average length of ribbons
- Dil - Dilatancy recorded
- ND - No dilatancy recorded

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SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP21A

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 199625

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 87622

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~197mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.10			Brown, dry sandy/clayey Topsoil.
							Stiff, reddish brown, slightly gravelly, sandy SILT /CLAY (Devonian derived glacial till), with occasional angular siltstone cobbles at depth.
				-0.85	1		Strong, dry, weathered angular siltstone bedrock in sand and clay matrix. Possible weathered bedrock from 1.35mbgl.
				-1.35			Total Depth of Trial Pit
					2		
					3		

REMARKS: No water inflows. Trial pit dry and stable.	PIT LENGTH: 2.2m PIT BREADTH: 1.0m FINAL DEPTH: 1.35m EXCAVATOR: JCB
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LEGEND ▽ - Water strike D - Disturbed sample B - Bulk disturbed sample W - Water sample V - Vane test T - No. of threads R - Average length of ribbons Dil - Dilatancy recorded ND - No dilatancy recorded	PAGE 1 of 1 SCALE as shown
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TRIAL PIT LOG

TRIAL PIT NUMBER: TP22

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 199416

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 88109

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~193mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.10			Brown, organic topsoil, with vegetation roots and moss.
							Stiff, reddish brown, slightly sandy, gravelly SILT/CLAY (Devonian derived glacial Till).
				-1.20	1		
	TP22/S1	B					Medium dense, reddish brown, very sandy, very silty, angular and rounded coarse GRAVEL with frequent angular and rounded cobbles (weathered Devonian Sandstone bedrock).
				-2.10	2		
							Total Depth of Trial Pit
					3		

REMARKS: No water strikes or inflows. Trial pit dry.	PIT LENGTH: 2.2m PIT BREADTH: 1.0m FINAL DEPTH: 2.1m EXCAVATOR: JCB
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LEGEND ▽ - Water strike D - Disturbed sample B - Bulk disturbed sample W - Water sample V - Vane test T - No. of threads R - Average length of ribbons Dil - Dilatancy recorded ND - No dilatancy recorded	SCALE as shown
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TRIAL PIT LOG

TRIAL PIT NUMBER: TP23

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 199601

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 88115

CLIENT: Innogy

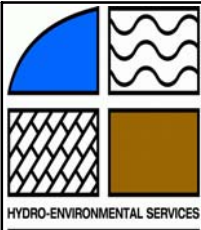
CONTRACTOR: NO'K (JCB)

ELEVATION: ~187mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.10			Black/brown,dry, organic clayey Topsoil, with vegetation roots.
					1		Stiff, brown, slightly sandy, gravelly SILT/CLAY (Devonian derived glacial till), with occasional angular and rounded cobbles, and increasing cobbles with depth.
				-2.20	2		
					3		Total Depth of Trial Pit

REMARKS: No water strikes or inflows. Trial pit dry and stable.	PIT LENGTH: 2.2m PIT BREADTH: 1.0m FINAL DEPTH: 2.2m EXCAVATOR: JCB
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LEGEND ▽ - Water strike D - Disturbed sample B - Bulk disturbed sample W - Water sample V - Vane test T - No. of threads R - Average length of ribbons Dil - Dilatancy recorded ND - No dilatancy recorded	PAGE 1 of 1 SCALE as shown
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TRIAL PIT LOG

TRIAL PIT NUMBER: TP23A

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 199529

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 88133

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~190mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
							Stiff, reddish brown, slightly sandy, gravelly SILT/CLAY (Devonian derived glacial Till), with occasional angular and rounded cobbles.
				-2.00	2		Medium dense, reddish brown, slightly sandy, angular and rounded GRAVEL, with occasional angular and rounded cobbles, and increasing angular cobbles with depth suggesting weathered bedrock.
				-2.90	3		Total Depth of Trial Pit

REMARKS:
 No water strikes or inflows.
 Trial pit dry and stable.

PIT LENGTH: 2.2m
PIT BREADTH: 1.0m
FINAL DEPTH: 2.9m
EXCAVATOR: JCB

LEGEND
 ▽ - Water strike
 D - Disturbed sample
 B - Bulk disturbed sample
 W - Water sample
 V - Vane test
 T - No. of threads
 R - Average length of ribbons
 Dil - Dilatancy recorded
 ND - No dilatancy recorded

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SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP23B

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 199479

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 88307

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~188mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.10			Brown/black organic CLAY (topsoil)
					1		Loose, reddish brown, platy GRAVEL of siltstone/sandstone.
				-1.40			
				-1.60			Dense, reddish brown, slightly sandy, angular GRAVEL of siltstone/sandstone with increasing angular cobbles with depth suggesting weathered bedrock.
					2		Total Depth of Trial Pit
					3		

REMARKS:
No water strikes or inflows.
Trial pit dry and stable.

PIT LENGTH: 2.2m
PIT BREADTH: 1.0m
FINAL DEPTH: 1.6m
EXCAVATOR: JCB

LEGEND
 ▽ - Water strike
 D - Disturbed sample
 B - Bulk disturbed sample
 W - Water sample
 V - Vane test
 T - No. of threads
 R - Average length of ribbons
 Dil - Dilatancy recorded
 ND - No dilatancy recorded

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SCALE as shown



TRIAL PIT LOG

TRIAL PIT NUMBER: TP24

PROJECT NUMBER: P1453-0

DATE STARTED: 28/05/2020

EASTING: 199744

SITE: Lyrenacarraiga WF

LOGGED BY: MGill

NORTHING: 88142

CLIENT: Innogy

CONTRACTOR: NO'K (JCB)

ELEVATION: ~180mOD

Comments	Sample Number	Sample Type	Water Strikes	Elevation	Meters Below Ground Surface	Lithology	Formation Description
				0.00	0		Ground Surface
				-0.30			Black/brown,dry, organic topsoil, with vegetation roots.
				-1.80	1		Stiff, reddish brown, slightly sandy, gravelly SILT/CLAY (Devonian derived glacial Till).
				-2.20	2		Stiff, reddish brown, slightly sandy, very gravelly SILT/CLAY with occassional angular cobbles (Devonian derived glacial Till).
							Total Depth of Trial Pit
					3		

REMARKS:

No water strikes or inflows.
Trial pit dry.

PIT LENGTH: 2.2m

PIT BREADTH: 1.0m

FINAL DEPTH: 2.2m

EXCAVATOR: JCB

LEGEND

- ∇ - Water strike
- D - Disturbed sample
- B - Bulk disturbed sample
- W - Water sample
- V - Vane test
- T - No. of threads
- R - Average length of ribbons
- Dil - Dilatancy recorded
- ND - No dilatancy recorded

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SCALE as shown