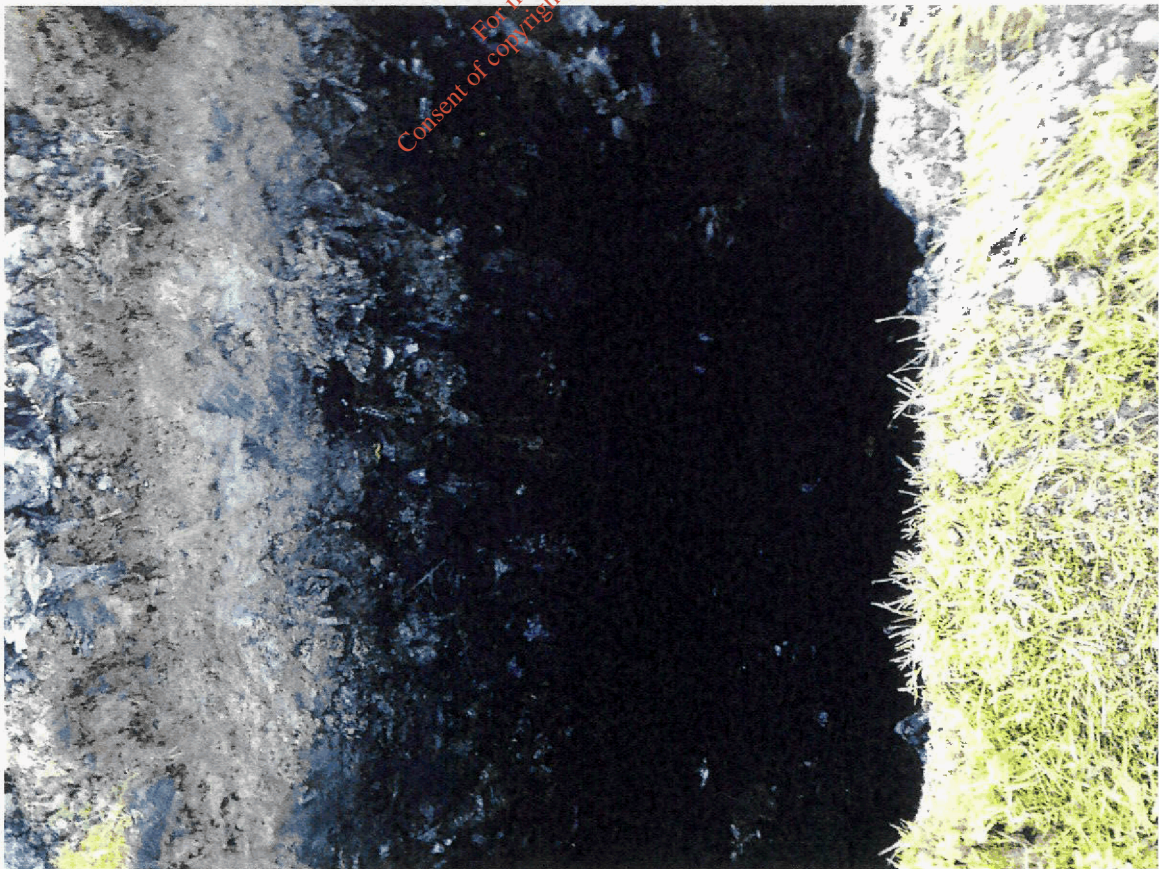


**FASSAROE Trial Pit  
Photographic Record**



**Number:**

**TP07**

**Project  
Project No  
Engineer**

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



# FASSAROE Trial Pit Photographic Record



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<b>Number:</b> TP07	<b>Project</b> Fassaroe Co. Wicklow <b>Project No</b> P15180 <b>Engineer</b> RPS Consulting	
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Project Name: Fassaroe Historic Landfills	Project No. P15180	Co-ords: 723833.74 - 718361.20 Level: 73.40	Date: 08/12/2015
Location: Co. Wicklow		Dimensions (m): 4.00 Depth: 4.50	Scale: 1:25 Logged DM
Client: RPS			

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.60	72.80	(MADE GROUND) Topsoil		
	2.00	ES				(MADE GROUND) Blue grey silty Sand with waste described as; black refuse bags, metals, paper, timber, tin cans, glass bottles, plastic and textiles.		1
						From 1.50m bgl waste increases.		2
								3
								4
				4.50	68.90	End of Pit at 4.50m		5

Stability: Moderate

Plant: 13t tracked machine

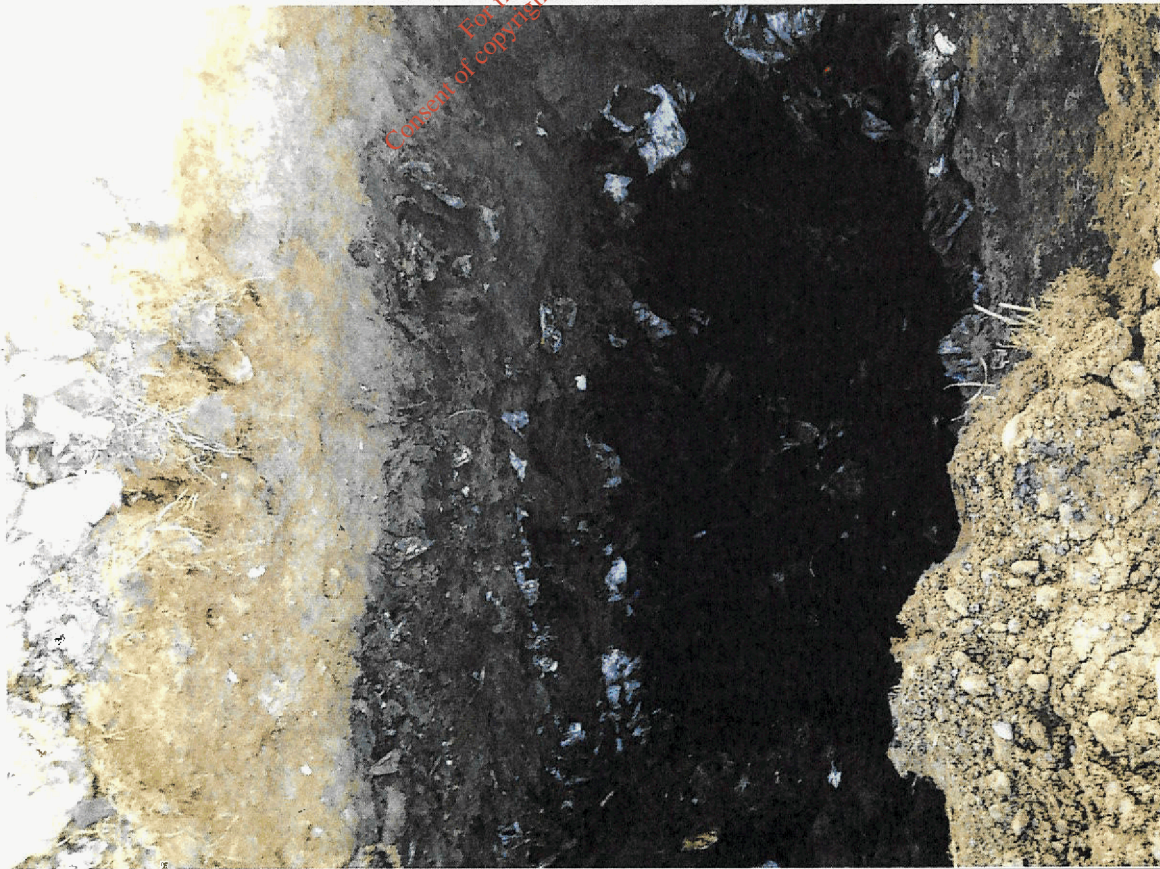
Backfill: Arisings

Remarks: Trial pit terminated at 4.0m bgl at the maximum reach of the digger.

Groundwater: None encountered



FASSAROE Trial Pit  
Photographic Record



Number:

TP08

Project  
Project No  
Engineer

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



# FASSAROE Trial Pit Photographic Record



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<b>Number:</b> TP08	<b>Project</b> Fassaroe Co. Wicklow <b>Project No</b> P15180 <b>Engineer</b> RPS Consulting	
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**Project Name:** Fassaroe Historic Landfills

**Project No.**  
P15180

**Co-ords:** 723908.99 - 718418.51  
**Level:** 64.87

**Date**  
08/12/2015

**Location:** Co. Wicklow

**Dimensions (m):** 4.00

**Client:** RPS

**Depth:**  
4.50

**Scale**  
1:25  
**Logged**  
DM

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.50	64.37		(MADE GROUND) Topsoil	
							(MADE GROUND) Waste described as plastics, timber, textiles, glass bottles, paper, metals, and general household waste in a matrix of soft black clay. <i>0.50m bgl to 4.50m bgl Engineer notes strong unidentified odour.</i>	
	3.00	ES						
				4.50	60.37		End of Pit at 4.50m	

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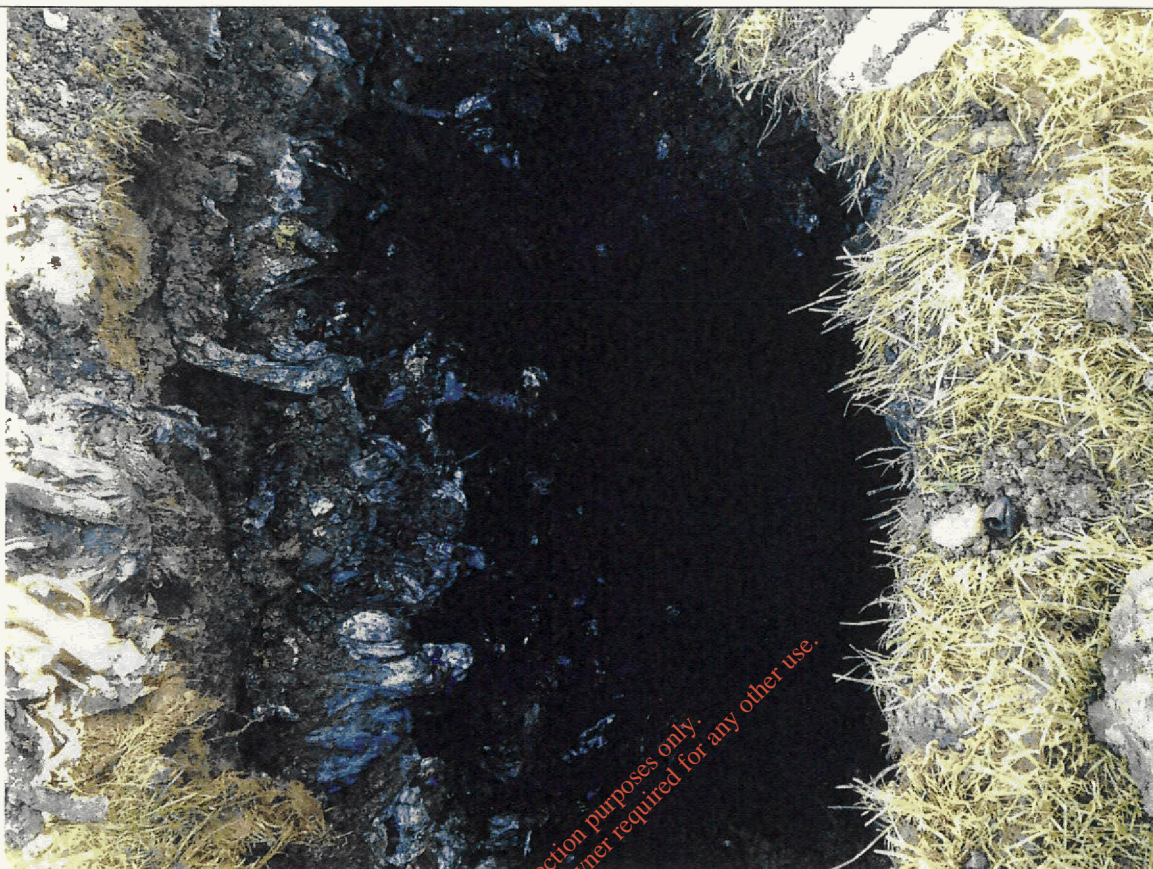
**Stability:** Moderate  
**Plant:** 13t tracked machine  
**Backfill:** Arisings

**Groundwater:** GW (Possible leachate) strike @ 1.50m bgl. Flowrate: trickle.

**Remarks:** Trial pit terminated at 4.50m bgl at the maximum reach of the digger.



# FASSAROE Trial Pit Photographic Record



Number:

TP09

Project  
Project No  
Engineer

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



# FASSAROE Trial Pit Photographic Record



Number:

TP09

Project  
Project No  
Engineer

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.</b> P15180	<b>Co-ords:</b> 723909.82 - 718348.09 <b>Level:</b> 69.45	<b>Date</b> 08/12/2015
<b>Location:</b> Co. Wicklow		<b>Dimensions (m):</b> 4.00 1.20	<b>Scale</b> 1:25
<b>Client:</b> RPS		<b>Depth:</b> 4.50	<b>Logged</b> DM

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.40	69.04		(MADE GROUND) Topsoil	
				0.70	68.74		(MADE GROUND) Soft to firm brown grey very sandy Silt. Sand is fine to coarse.	
							(MADE GROUND) Waste described as plastics, cardboard, timber, glass, textiles, tin cans in a silty sandy matrix. 0.70m bgl to 4.50m bgl Engineer notes strong unidentified odour.	1
	2.50	ES						2
				3.50	65.94		Loose grey slightly gravelly SAND. Gravel is fine to coarse and sub-angular to rounded. Sand is medium to coarse. (Possible natural ground)	3
	4.00	ES						4
				4.50	64.94		End of Pit at 4.50m	5

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<b>Stability:</b> Moderate	<b>Groundwater:</b> GW (Possible leachate) strike @ 1.20 mbgl. Flowrate: slow
<b>Plant:</b> 13t tracked machine	
<b>Backfill:</b> Arisings	
<b>Remarks:</b> Trial pit terminated at 4.50m bgl at the maximum reach of the digger.	



FASSAROE Trial Pit  
Photographic Record



Number:

TP10

Project  
Project No  
Engineer

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



FASSAROE Trial Pit  
Photographic Record



Number:

TP10

Project  
Project No  
Engineer

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



**Project Name:** Fassaroe Historic Landfills

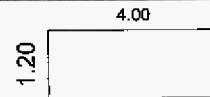
**Project No.**  
P15180

**Co-ords:** 723982.10 - 718386.82  
**Level:** 65.94

**Date**  
08/12/2015

**Location:** Co. Wicklow

**Dimensions (m):**



**Scale**

1:25  
**Logged**  
DM

**Client:** RPS

**Depth:**  
4.50

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
							(MADE GROUND) Topsoil	
				0.60	65.34		(MADE GROUND) Firm grey sandy Silt. Sand is fine to coarse.	
				0.80	65.14		0.60m bgl to 4.50m bgl Engineer noted strong unidentified odour. (MADE GROUND) Waste described as plastics, metals, glass, timber, paper, cardboard, styrofoam, general household waste and car wheel. Waste dated from 1985.	1
				1.30	64.64		(MADE GROUND) Grey very sandy SILT. Sand is fine to medium.	
	2.00	ES		2.00	63.94		(MADE GROUND) Waste described as plastics, metals, glass, timber, paper, cardboard, styrofoam, general household waste and car wheel in a very sandy Silt matrix.	2
				4.50	61.44		End of Pit at 4.50m	5

**Stability:** Good

**Plant:** 13t tracked machine

**Backfill:** Arisings

**Groundwater:** None encountered

**Remarks:** Trial pit terminated at 4.50m bgl at the maximum reach of the digger.



# FASSAROE Trial Pit Photographic Record



Number:

TP11

Project  
Project No  
Engineer

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



FASSAROE Trial Pit  
Photographic Record



<b>Number:</b> TP11	<b>Project</b> Fassaroe Co. Wicklow <b>Project No</b> P15180 <b>Engineer</b> RPS Consulting	
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<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723414.49 - 718450.11 <b>Level:</b> 95.19	<b>Date:</b> 08/12/2015
<b>Location:</b> Co. Wicklow	<b>Dimensions (m):</b> Depth: 4.50		<b>Scale:</b> 1:25 <b>Logged:</b> DM
<b>Client:</b> RPS			

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				1.00	94.19		(MADE GROUND) Soft brown sandy Silt. with high content of waste described as concrete, red bricks, steel parts, concrete posts, re-bar and concrete, tarmac, timber and slings	1
				1.50	93.69		(MADE GROUND) Grey silty Sand.	2
	2.50	ES					(MADE GROUND) Soft brown sandy Silt. with high content of waste described as concrete, red bricks, steel parts, concrete posts, re-bar and concrete, tarmac, timber and slings.	3
				4.50	90.69		End of Pit at 4.50m	4
								5

<b>Stability:</b> Moderate to poor	<b>Groundwater:</b> None encountered
<b>Plant:</b> 13t tracked machine	
<b>Backfill:</b> Arisings	
<b>Remarks:</b> Trial pit terminated at 4.50m bgl at the maximum reach of the digger.	



FASSAROE Trial Pit  
Photographic Record



Number:

TP12

Project  
Project No  
Engineer

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



FASSAROE Trial Pit  
Photographic Record



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Number:

TP12

Project  
Project No  
Engineer

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.</b> P15180	<b>Co-ords:</b> 723458.97 - 718444.41 <b>Level:</b> 96.12	<b>Date</b> 08/12/2015
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<b>Location:</b> Co. Wicklow	<b>Dimensions (m):</b> 1.20 x 4.00	<b>Scale</b> 1:25
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<b>Client:</b> RPS	<b>Depth:</b> 4.50	<b>Logged</b> DM
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Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
							(MADE GROUND) Soft black slightly sandy , slightly gravelly Silt with some large blocks of concrete up to 1m in size and some red brick. <i>Engineer noted slight hydrocarbon odour within the pit.</i>
				1.80	94.32		(MADE GROUND) Waste described as plastics, paper, glass, medical waste, (e.g. syringes) textiles, and polystyrene within a grey silty sandy matrix.
	2.50	ES					
				4.50	91.62		End of Pit at 4.50m

**Stability:** Moderate

**Plant:** 13t tracked machine

**Backfill:** Arisings

**Groundwater:** None encountered

**Remarks:** Trial pit terminated at 4.50m bgl at the maximum reach of the digger.



FASSAROE Trial Pit  
Photographic Record



<b>Number:</b> TP13	<b>Project</b> Fassaroe Co. Wicklow <b>Project No</b> P15180 <b>Engineer</b> RPS Consulting	
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# FASSAROE Trial Pit Photographic Record



**Number:**

**TP13**

**Project  
Project No  
Engineer**

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



object name: Fassaroe Historic Landfills

Project No.  
P15180

Co-ords: 723414.97 - 718423.27  
Level: 95.65

Date  
08/12/2015

**Location:** Co. Wicklow

Dimensions (m):

**Scale**  
1:25

**Client:** RPS

**Depth:**  
4.50

Logged  
DM

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
							(MADE GROUND) Waste described as large concrete slabs (approximately 1m in size), polystyrene, red bricks and re-bar within a sandy Silt. Sand is fine to coarse.
				1.50	94.15		(MADE GROUND) Waste described as plastics, glass, metals, tin cans and paper. Waste dated back to 1976.
	3.00	ES					
				4.50	91.15		End of Pit at 4.50m

Stability: Poor

**Plant:** 13t tracked machine

**Backfill:** Arisings

**Remarks:** Trial pit terminated at 4.50m bgl at the maximum reach of the digger.

Groundwater: None encountered



# FASSAROE Trial Pit Photographic Record



**Number:**

**TP14**

**Project  
Project No  
Engineer**

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



# FASSAROE Trial Pit Photographic Record



Number:

TP14

Project  
Project No  
Engineer

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



**Project Name:** Fassaroe Historic Landfills

**Project No.**  
P15180

**Co-ords:** 723447.72 - 718424.38  
**Level:** 96.27

**Date**  
08/12/2015

**Location:** Co. Wicklow

**Dimensions (m):** 4.00  
1.20  
**Depth:** 4.50

**Scale**  
1:25  
**Logged**  
DM

**Client:** RPS

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.40	95.87		(MADE GROUND) Topsoil
				0.90	95.37		(MADE GROUND) Soft black slightly sandy, slightly gravelly Silt. Sand is fine to coarse. Gravel is fine to coarse and sub-angular.
				1.50	94.77		(MADE GROUND) Soft brown slightly sandy, slightly gravelly Silt. Sand is fine to coarse. Gravel is fine to coarse and sub-angular.
	2.00	ES		3.00	93.27		(MADE GROUND) Waste described as plastics, metals, textiles and polystyrene.
				4.50	91.77		Grey slightly gravelly, sandy SILT. Sand is fine to coarse. (Possible natural ground) 3.0m bgl to 4.50m bgl Difficult to determine if material natural as walls of pit were collapsing.
							End of Pit at 4.50m

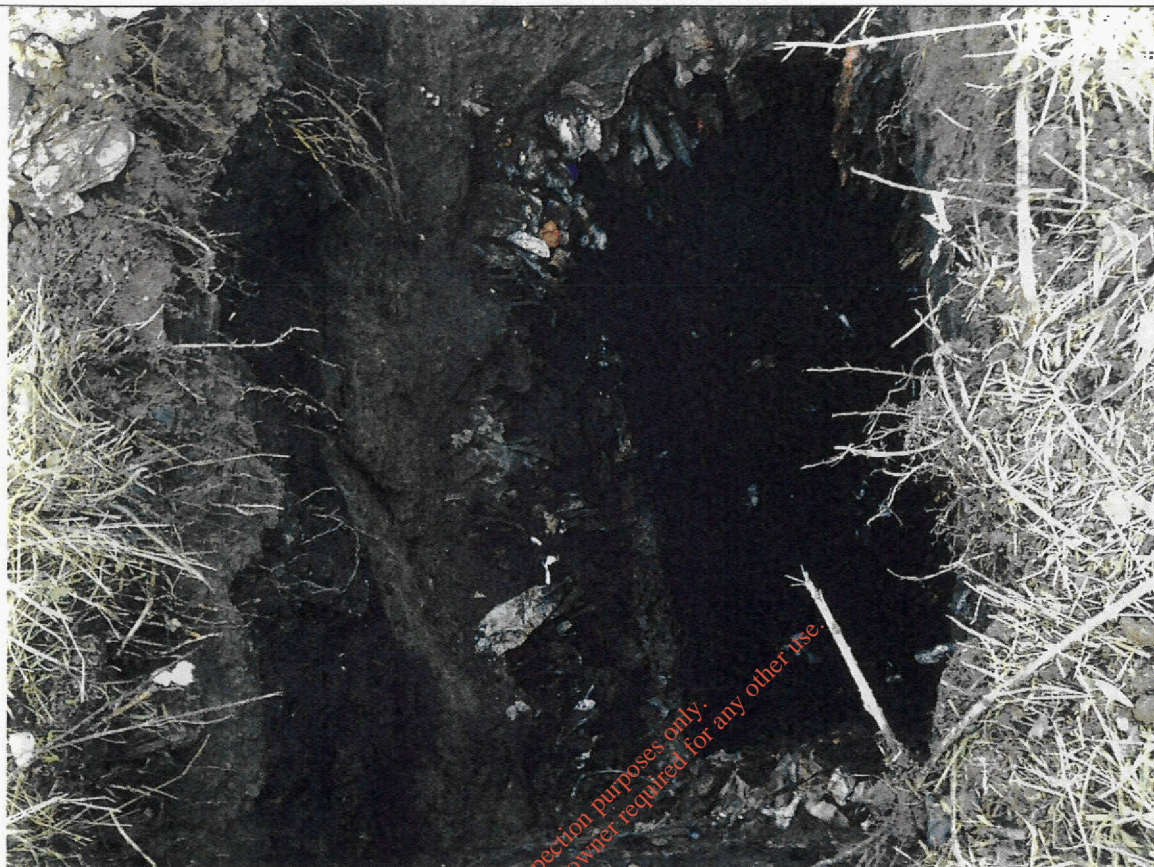
**Stability:** Moderate to poor  
**Plant:** 13t tracked machine  
**Backfill:** Arising

**Groundwater:** None encountered

**Remarks:** Trial pit terminated at 4.50m bgl at the maximum reach of the digger.



# FASSAROE Trial Pit Photographic Record



Number:

TP15

Project  
Project No  
Engineer

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



**FASSAROE Trial Pit  
Photographic Record**



**Number:**

**TP15**

**Project  
Project No  
Engineer**

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



**Project Name:** Fassaroe Historic Landfills

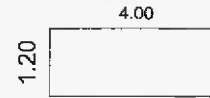
**Project No.**  
P15180

**Co-ords:** 723014.00 - 718380.99  
**Level:** 92.17

**Date**  
09/12/2015

**Location:** Co. Wicklow

**Dimensions (m):**



**Scale**  
1:25

**Client:** RPS

**Depth:**  
4.50

**Logged**  
DM

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.60	91.57		(MADE GROUND) Topsoil
				1.40	90.77		(MADE GROUND) Soft grey slightly sandy, slightly gravelly Clay. Sand is fine to coarse. Gravel is fine to coarse and sub-angular to sub-rounded. <i>0.60m bgl to 4.50m bgl Engineer noted strong unidentified odour.</i>
	3.00	ES					(MADE GROUND) Waste described as plastics, glass, textiles, household waste, timber, rubber tyres and small amount of steel shavings and small amount of tarmacadam in a dark grey slightly gravelly Clay matrix. Waste dated to 1995.
				4.50	87.67		End of Pit at 4.50m

**Stability:** Moderate

**Plant:** 13t tracked machine

**Backfill:** Arisings

**Groundwater:** None encountered

**Remarks:** Trial pit terminated at 4.50m bgl at the maximum reach of the digger.



FASSAROE Trial Pit  
Photographic Record



Number:

TP16

Project  
Project No  
Engineer

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



# FASSAROE Trial Pit Photographic Record



Number:

TP16

Project  
Project No  
Engineer

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



**Project Name:** Fassaroe Historic Landfills

**Project No.**  
P15180

**Co-ords:** 723040.13 - 718358.27  
**Level:** 93.52

**Date**  
09/12/2015

**Location:** Co. Wicklow

**Dimensions (m):**

4.00

1.20

**Depth:**  
4.50

**Scale**  
1:25

**Logged**  
DM

**Client:** RPS

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
							(MADE GROUND) Topsoil	
				0.60	92.92		(MADE GROUND) Soft grey sandy Clay. <i>0.60m bgl to 4.50m bgl Engineer notes strong unidentified odour.</i>	
				0.90	92.62		(MADE GROUND) Waste described as household waste, plastics, glass, metals, and timber.	1
								2
								3
								4
				4.50	89.02		End of Pit at 4.50m	5

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**Stability:** Moderate

**Plant:** 13t tracked machine

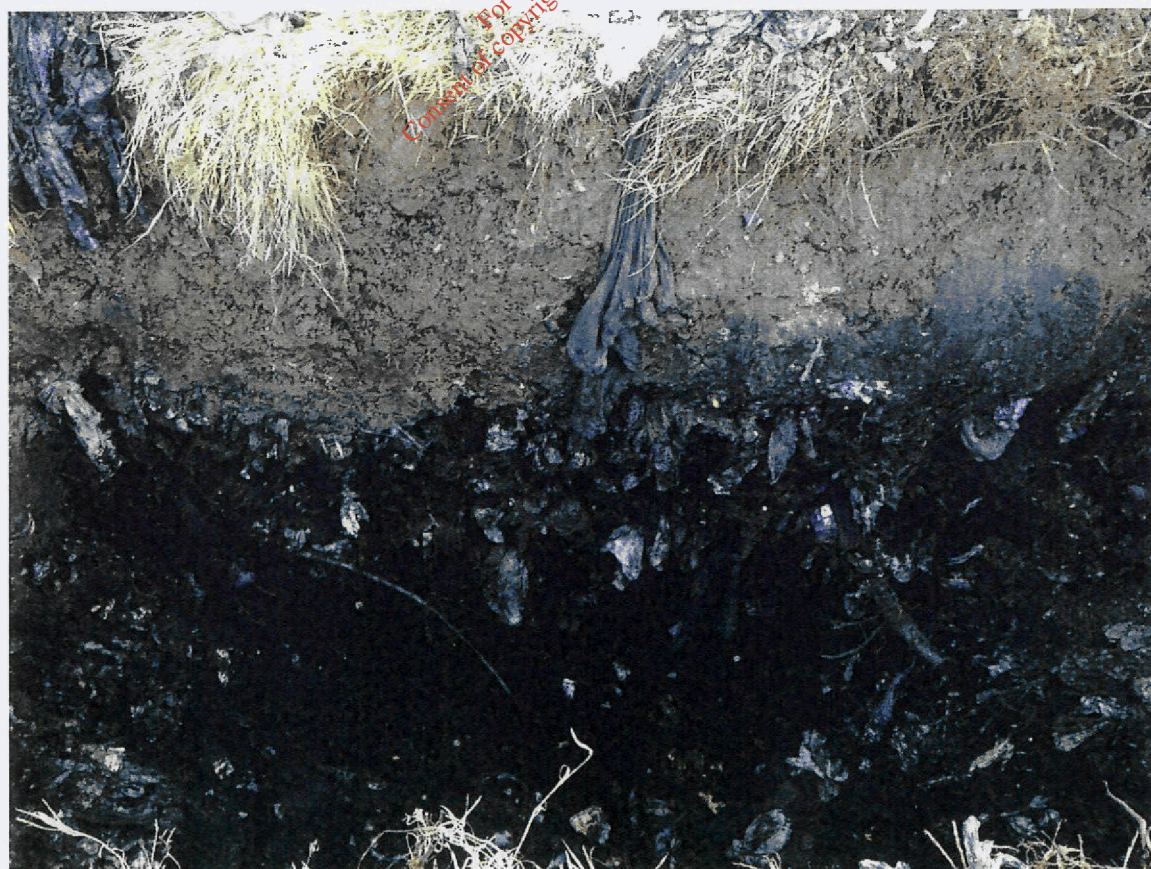
**Backfill:** Arisings

**Groundwater:** None encountered

**Remarks:** Trial pit terminated at 4.50m bgl at the maximum reach of the digger.



# FASSAROE Trial Pit Photographic Record



**Number:**

TP17

**Project  
Project No  
Engineer**

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



# FASSAROE Trial Pit Photographic Record



Number:

TP17

Project  
Project No  
Engineer

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.</b> P15180	<b>Co-ords:</b> 723014.33 - 718340.98 <b>Level:</b> 93.96	<b>Date</b> 09/12/2015
<b>Location:</b> Co. Wicklow		<b>Dimensions (m):</b> 1.20 x 4.50	<b>Scale</b> 1:25
<b>Client:</b> RPS		<b>Depth:</b> 4.50	<b>Logged</b> DM

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.20	93.76		(MADE GROUND) Topsoil
							(MADE GROUND) Firm dark grey gravelly Clay. Gravel is fine to coarse and sub-angular to sub-rounded.
				1.10	92.86		(MADE GROUND) Waste described as plastics, rope, mattress, glass, paper, timber, textiles, household waste, shoes, coins and bones. Waste dated from 1992. 1.10m bgl to 4.50m bgl Engineer noted strong unidentified odour
	1.50	ES					
				4.50	89.46		End of Pit at 4.50m

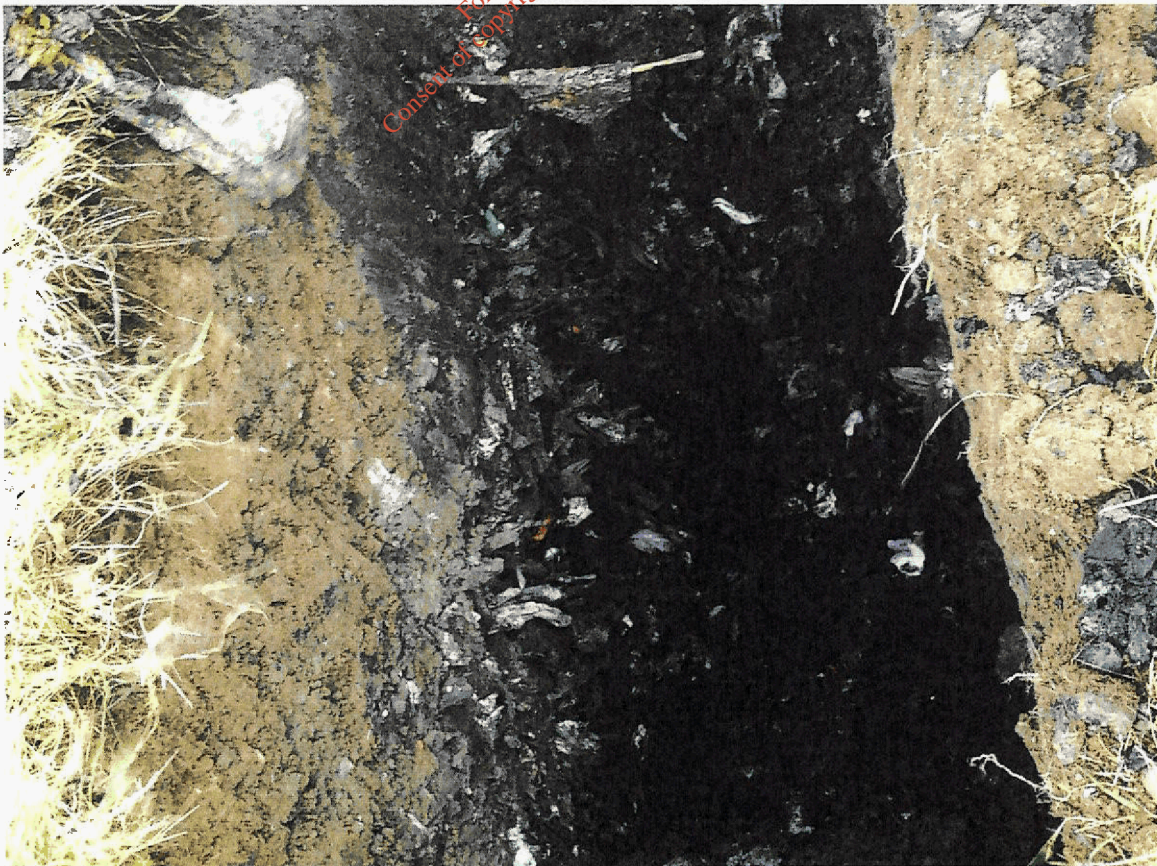
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**Stability:** Good  
**Plant:** 13t tracked machine  
**Backfill:** Arisings  
**Remarks:** Trial pit terminated at 4.50m bgl at the maximum reach of the digger.

**Groundwater:** None encountered



**FASSAROE Trial Pit  
Photographic Record**



**Number:**

**TP18**

**Project  
Project No  
Engineer**

Fassaroe Co. Wicklow  
P15180  
RPS Consulting



# FASSAROE Trial Pit Photographic Record



Number:

TP18

Project  
Project No  
Engineer

Fassaroe Co. Wicklow  
P15180  
RPS Consulting