

Trial Pit TP13-01

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-01** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338031E - 348045N Level: 36.65 m AOD	Date: 29/11/2013
Location: Marchwiel		Dimensions: - Depth 1.60m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.10	36.55		MADE GROUND: Gravel of Limestone (Type 1).
			0.17	36.48		MADE GROUND: Concrete foundation.
0.40						MADE GROUND: Demolition waste consisting of bricks and coarse grained sand. Bricks and sand have blue/black staining and a hydrocarbon odour.
			0.90	35.75		Wet, loose, black, slightly sandy GRAVEL of mixed lithology including sandstone and mudstone. Gravel is subrounded to rounded and fine to coarse. Strong hydrocarbon odour and black tarry staining on sand and on gravels. Black oily sheen on groundwater.
1.50						
1.60			1.60	35.05		Trialpit Complete at 1.60 m

Remarks: Concrete slab observed at 0.1mbgl in North of pit. Brick foundations observed in North and west of pit from 0.1mbgl. Trial pit abandoned due to collapse.

Groundwater: At 0.9m, groundwater ingress of fast flow with strong hydrocarbon odour and black oily sheen.

AGS



Trial Pit TP13-02

ikm consulting

IKM Consulting Ltd
Tel: 01324 878622
Fax: 01324 878623
email: info@ikmconsulting.co.uk

Trialpit No **TP13-02** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338022E - 348046N Level: 36.79 m AOD	Date: 29/11/2013
Location: Marchwiel		Dimensions: - Depth 1.50m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.10	36.69		MADE GROUND: Gravel of Limestone (Type 1).
0.50						MADE GROUND: Demolition waste consisting of bricks and coarse grained sand. Bricks and sand have blue/black staining and hydrocarbon odour.
1.00			1.00	35.79		Wet, loose, black, slightly sandy GRAVEL of mixed lithology including sandstone and mudstone. Gravel is subrounded to rounded and fine to coarse. Strong hydrocarbon odour and black tarry staining on sand and on gravels. Black oily sheen on groundwater.
1.50			1.50	35.29		Trialpit Complete at 1.50 m

Remarks: Brick foundations observed in East face of pit from 0.2mbgl. Redundant metal pipe observed at 0.2bgl. Trial pit abandoned due to collapse.

Groundwater: At 1m, groundwater ingress of fast flow with strong hydrocarbon odour and black oily sheen.

AGS



Trial Pit TP13-03

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-03** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338006E - 348048N Level: 36.84 m AOD	Date: 29/11/2013
Location: Marchwiel		Dimensions: - Depth 2.10m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.10	36.74		MADE GROUND: Gravel of Limestone (Type 1).
			0.20	36.64		MADE GROUND: Concrete foundation with re-bar.
			0.40	36.44		MADE GROUND: Demolition waste consisting of bricks and brown coarse grained sand. Pocket of blue circular pellets (spacers), observed in east face, at 0.25mbgl.
0.50						MADE GROUND: Demolition waste consisting of bricks and coarse grained sand. Bricks and sand have blue/black staining and a hydrocarbon odour.
			1.20	35.64		Firm orange/brown slightly sandy CLAY. No visual or olfactory signs of contamination.
2.00						
			2.10	34.74		Trialpit Complete at 2.10 m

Remarks: Brick foundations observed in East face of pit from 0.1mbgl. Pocket containing large number of blue circular pellets (spacers) observed at 0.25mbgl in eastern face of pit within made ground.

Groundwater: At 1m, groundwater ingress of fast flow with a hydrocarbon odour and brown/black oily sheen.

AGS



Trial Pit TP13-04

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-04** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 337994E - 348077N Level: 36.88 m AOD	Date: 28/11/2013
Location: Marchwiel		Dimensions: - Depth 1.40m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.20	36.68		MADE GROUND: Gravel of Limestone (Type 1).
0.40			0.60	36.28		MADE GROUND: Medium dense, reddish black slightly clayey, ashy sand with gravel sized fragments of brick.
1.00			1.00	35.88		Firm orange/brown slightly sandy CLAY. No visual or olfactory signs of contamination.
			1.40	35.48		Wet, loose, black, slightly sandy GRAVEL of mixed lithology including sandstone and mudstone. Gravel is subrounded to rounded and fine to coarse. Strong hydrocarbon odour and black tarry staining on sand and on gravels. Black Oily sheen on groundwater.
						Trialpit Complete at 1.40 m

Remarks: No surface or subsurface structures observed.

Groundwater: At 1.4m, groundwater ingress of fast flow with strong hydrocarbon odour and black oily sheen.

AGS



Trial Pit TP13-05

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-05** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 337989E - 348090N Level: 36.89 m AOD	Date: 28/11/2013
Location: Marchwiel		Dimensions: - Depth: 1.70m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.30	36.59		MADE GROUND: Gravel of Limestone (Type 1).
0.30			0.90	35.99		MADE GROUND: Medium dense, black slightly clayey, ashy sand with gravel sized fragments of brick.
			1.70	35.19		Loose orange-brown silty SAND.
1.70						Trialpit Complete at 1.70 m

Remarks: Trial pit terminated due to collapse.

Groundwater: At 1.7m, groundwater ingress of fast flow with strong hydrocarbon odour and black oily sheen.

AGS



Trial Pit TP13-06

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-06** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 337998E - 348070N Level: 36.91 m AOD	Date: 28/11/2013
Location: Marchwiel		Dimensions: - Depth 0.90m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.20	36.71		MADE GROUND: Gravel of Limestone (Type 1).
0.40			0.70	36.21		MADE GROUND: Medium dense, reddish black slightly clayey, ashy sand with gravel sized fragments of brick.
0.90			0.90	36.01		Loose grey silty SAND.
						Trialpit Complete at 0.90 m

Remarks: Trial pit terminated due to collapse. Ambient PID reading of 0.3ppm observed.

Groundwater: At 0.9m, groundwater ingress of fast flow with scum on the surface and a strong hydrocarbon odour and black oily sheen.

AGS



Trial Pit TP13-07

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-07** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338008E - 348099N Level: 36.70 m AOD	Date: 27/11/2013
Location: Marchwiel		Dimensions: - Depth 1.30m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Gravel of Limestone (Type 1).
			0.20	36.50		MADE GROUND: Red sand of crushed brick.
			0.40	36.30		MADE GROUND: Cobbles of brick with coal tar visible.
			0.50	36.20		MADE GROUND: Demolition waste consisting of wood, slate, bricks, cobbles of concrete and rebar which are all stained with tar and have a hydrocarbon odour. Redundant borehole installation visible in northern corner of pit (MW99-109).
0.80						
			1.30	35.40		MADE GROUND: Concrete base.
						Trialpit Complete at 1.30 m

Remarks: Trial pit terminated on concrete base. PID reading of 0.8ppm from soil sample at 0.8m bgl. Concrete structure resembling a tank visible in the west of the trial pit.

Groundwater: At 1.2m groundwater visible in east of trial pit. Groundwater has a strong hydrocarbon odour and black oily.

AGS



Trial Pit TP13-08

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-08** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 337980E - 348104N Level: 36.88 m AOD	Date: 28/11/2013
Location: Marchwiel		Dimensions: Depth 2.40m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Gravel of Limestone (Type 1).
			0.10	36.78		MADE GROUND: Stiff blackish brown silty clay with rare gravel of brick.
			0.60	36.28		Stiff light grey CLAY with frequent bands of fine sand.
0.80						
			1.30	35.58		Loose brown SAND with rare gravel. Slight hydrocarbon odour.
2.40			2.40	34.48		Trialpit Complete at 2.40 m

Remarks: Trial pit terminated due to collapse.

Groundwater: At 1.5m, groundwater ingress of fast flow with slight hydrocarbon odour.

AGS



Trial Pit TP13-08A

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-08A** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 337993E - 348102N Level: 36.78 m AOD	Date: 27/11/2013
Location: Marchwiel		Dimensions: - Depth 2.40m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.10	36.68		MADE GROUND: Gravel of Limestone (Type 1).
			0.40	36.38		MADE GROUND: Gravel of crushed red brick.
			0.80	35.98		MADE GROUND: Gravel of crushed yellow brick.
			1.60	35.18		Firm to stiff, grey, very sandy CLAY.
1.70						Grey SAND with strong hydrocarbon odour.
2.40			2.40	34.38		Trialpit Complete at 2.40 m

Remarks: Trial pit terminated due to collapse. PID reading of 10ppm from soil sample at 2.4mbgl.

Groundwater: At 1.6m, groundwater ingress of fast flow with a strong hydrocarbon odour.

AGS



Trial Pit TP13-09

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-09** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 337994E - 348123N Level: 36.53 m AOD	Date: 27/11/2013
Location: Marchwiel		Dimensions: - Depth 2.80m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Gravel of Limestone (Type 1).
			0.30	36.23		MADE GROUND: Firm blackish brown ashy clay.
			0.50	36.03		Firm orange/brown very sandy CLAY.
1.00						
2.70			2.70	33.83		Medium dense orange/brown coarse grained SAND.
						Trialpit Complete at 2.80 m

Remarks: Concrete slab observed at 0.1mbgl at front of trial pit.

Groundwater: At 2.7m, groundwater ingress of fast flow with a hydrocarbon sheen and a hydrocarbon odour.

AGS



Trial Pit TP13-10

ikm consulting

IKM Consulting Ltd
Tel: 01324 876822
Fax: 01324 876823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-10** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338009E - 348120N Level: 36.85 m AOD	Date: 27/11/2013
Location: Marchwiel		Dimensions: - Depth 1.90m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Gravel of Limestone (Type 1).
			0.30	36.55		MADE GROUND: Firm blackish brown ashy clay.
			0.60	36.25		Firm to stiff brown very sandy CLAY.
			1.10	35.75		Firm to stiff, brownish grey very sandy CLAY.
			1.60	35.25		Loose coarse grained SAND.
1.80			1.80	35.05		Wet, slightly sandy, sub-rounded, fine to coarse GRAVEL of mixed lithology including sandstone and mudstone.
			1.90	34.95		Trialpit Complete at 1.90 m
2.00						

Remarks: No surface or subsurface structures observed. PID reading of 4.4ppm for a soil sample taken at 1.8mbgl and 4.4ppm for soil sample taken at 2mbgl.

Groundwater: At 1.9m, groundwater ingress of fast flow with a dark brown sheen on groundwater and a strong hydrocarbon odour.

AGS



Trial Pit TP13-11

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-11**
Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338001E - 348182N Level: 36.60 m AOD	Date: 26/11/2013
Location: Marchwiel		Dimensions: - Depth 2.60m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level m AOD	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Concrete foundation with re-bar.
0.30			0.22	36.38		MADE GROUND: Firm blackish grey silty clay.
			0.50	36.10		MADE GROUND: Firm blackish grey gravelly sandy clay, with frequent bands of orange, fine to coarse sand.
			2.50	34.10		Brown sandy gravelly CLAY. Gravel is fine to medium, of mixed lithology.
			2.60	34.00		Trialpit Complete at 2.60 m

Remarks: Concrete slab with re-bar observed at ground level.

Groundwater: At 2.6m, groundwater ingress of moderate flow with a slight hydrocarbon/phenolic odour.

AGS



Trial Pit TP13-12

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-12** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338011E - 348178N Level: 36.50 m AOD	Date: 26/11/2013
Location: Marchwiel		Dimensions: -	Scale: 1:15
Client: NGPH		Depth: 2.30m	Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Concrete foundation with re-bar.
			0.20	36.30		MADE GROUND: Brown to black sand with rare ash.
			0.50	36.00		MADE GROUND: Firm, dark brownish grey, very sandy clay with frequent bands of orange, fine to coarse sand.
			1.70	34.80		MADE GROUND: Firm to stiff, blackish brown very sandy clay with frequent bands of orange, fine to coarse sand.
2.20			2.20	34.30		Firm, brownish grey silty sandy CLAY .
			2.30	34.20		Trialpit Complete at 2.30 m

Remarks: Concrete slab with re-bar observed at ground level.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-13

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-13** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338010E - 348186N Level: 36.62 m AOD	Date: 26/11/2013
Location: Marchwiel		Dimensions: -	Scale: 1:15
Client: NGPH		Depth: 2.80m	Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Concrete foundation with re-bar.
			0.20	36.42		MADE GROUND: Brown to black sand with rare ash.
			0.40	36.22		MADE GROUND: Firm brownish grey very sandy clay with frequent bands of orange, fine to coarse sand.
1.30						
			1.70	34.92		Firm brownish grey silty sandy CLAY.
			2.80	33.82		Trialpit Complete at 2.80 m

Remarks: Concrete slab with re-ar observed at ground level.

Groundwater: At 2.8m, groundwater ingress of moderate flow with a slight hydrocarbon/phenolic odour.

AGS



Trial Pit TP13-15

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-15** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338119E - 348210N Level: 36.21 m AOD	Date: 25/11/2013
Location: Marchwiel		Dimensions: - Depth 1.30m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.10	36.11		MADE GROUND: Grass over brown sandy topsoil.
			0.50	35.71		MADE GROUND: Brown reworked sandy clay.
0.60						MADE GROUND: Medium dense black gravel of coal with ash.
			1.10	35.11		Light brown sandy silty CLAY.
			1.30	34.91		Trialpit Complete at 1.30 m

Remarks: No surface or subsurface structures observed. .

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-16

ikm consulting

IKM Consulting Ltd
Tel: 01324 876822
Fax: 01324 876823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-16** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338109E - 348199N Level: 36.34 m AOD	Date: 25/11/2013
Location: Marchwiel		Dimensions: - Depth: 1.30m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.10	36.24		MADE GROUND: Grass over brown sandy topsoil.
						MADE GROUND: Brown reworked very sandy clay.
			1.20	35.14		Greyish brown very sandy CLAY (possibly reworked).
1.30			1.30	35.04		Trialpit Complete at 1.30 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-17

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-17** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338142E - 348214N Level: 36.29 m AOD	Date: 25/11/2013
Location: Marchwiel		Dimensions: - Depth 2.20m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
			0.20	36.09		MADE GROUND: Demolition waste consisting of wood and bricks and metal pipes.
			0.80	35.49		MADE GROUND: Firm blackish grey gravelly sandy clay. Gravel is fine to coarse of mixed lithology including coal and brick.
1.30			1.30	34.99		Greyish brown sandy silty CLAY.
			2.20	34.09		Trialpit Complete at 2.20 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-18

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-18** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338141E - 348191N Level: 36.36 m AOD	Date: 25/11/2013
Location: Marchwiel		Dimensions: - Depth 1.30m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil with frequent rootlets.
			0.10	36.26		MADE GROUND: Brown slightly silty clayey sand with rare pieces of wood and gravel of brick.
			1.30	35.06		Trialpit Complete at 1.30 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-19

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-19** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338133E - 348204N Level: 36.42 m AOD	Date: 25/11/2013
Location: Marchwiel		Dimensions: - Depth 1.30m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil with frequent rootlets.
			0.10	36.32		MADE GROUND: Firm brown to black slightly silty clay with frequent gravel of brick and coal
			0.30	36.12		Firm brown sandy CLAY (possibly reworked).
			1.30	35.12		Trialpit Complete at 1.30 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-20

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-20** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338086E - 348244N Level: 36.43 m AOD	Date: 26/11/2013
Location: Marchwiel		Dimensions: - Depth 1.10m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
			0.20	36.23		MADE GROUND: Brown sand containing frequent bricks and rare cobbles of concrete and tarmac.
			1.10	35.33		Trialpit Complete at 1.10 m

Remarks: No surface or subsurface foundations observed. Redundant service (small pipe) observed in west face of pit at 0.2m bgl. Tial pit moved to east.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-21

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-21** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338083E - 348238N Level: 36.33 m AOD	Date: 26/11/2013
Location: Marchwiel		Dimensions: Depth 2.20m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m AOD)	Legend	Stratum Description
			0.20	36.13		MADE GROUND: Gravel of Limestone (Type 1).
1.00			1.20	35.13		MADE GROUND: Gravel of crushed concrete with rare pieces of pipe lagging.
2.00			2.10	34.23		MADE GROUND: Black gravel of coal with ash and rare gravel of slag.
			2.20	34.13		Firm orange to brown silty sandy CLAY.
						Trialpit Complete at 2.20 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-22

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-22** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338052E - 348227N Level: 36.52 m AOD	Date: 02/12/2013
Location: Marchwiel		Dimensions: - Depth 0.40m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Concrete slab with re-bar.
0.30			0.20	36.32		MADE GROUND: Firm blackish brown sandy clay with rare ash.
			0.40	36.12		Trialpit Complete at 0.40 m

Remarks: Concrete slab with re-bar observed at ground level.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-23

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-23** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338047E - 348196N Level: 36.92 m AOD	Date: 29/11/2013
Location: Marchwiel		Dimensions: - Depth 1.60m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
			0.10	36.82		MADE GROUND: Loose brown clayey sand with waste consisting of wood and bricks and plastic pipes.
1.50			1.50	35.42		Trialpit Complete at 1.50 m

Remarks: No surface or subsurface foundations observed.

Groundwater: At 1m, groundwater ingress of moderate flow.

AGS



Trial Pit TP13-24

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-24** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338038E - 348208N Level: 37.05 m AOD	Date: 02/12/2013
Location: Marchwiel		Dimensions: - Depth 1.90m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
			0.20	36.85		MADE GROUND: Band of granular tarmacadam.
			0.60	36.45		MADE GROUND: Firm blackish brown sandy clay with frequent sections of plastic pipe and cobbles of brick and concrete.
			0.70	36.35		MADE GROUND: Dark grey (becoming lighter with depth), very sandy clay.
			1.30	35.75		MADE GROUND: Brown sandy clay with cobbles of granular tarmacadam.
						MADE GROUND: Firm orange to brown silty sandy clay.
1.90			1.90	35.15		Trialpit Complete at 1.90 m

Remarks: Band of tarmac observed from 0.2mbgl - 0.6mbgl.

Groundwater: At 1.5m, groundwater ingress of moderate flow.

AGS



Trial Pit TP13-25

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-25**
Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338019E - 348203N Level: 37.04 m AOD	Date: 02/12/2013
Location: Marchwiel		Dimensions: - Depth: 1.60m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
			0.20	36.84		MADE GROUND: Soft brown sandy clay with waste consisting of a car tyre, pieces of wood and bricks, sections of plastic pipe.
			1.60	35.44		Trialpit Complete at 1.60 m

Remarks: Concrete platform (possible walkway) observed in the western face of the pit. Trial pit is in a large chamber shaped structure.

Groundwater: At 1.6m, groundwater ingress of low flow.

AGS



Trial Pit TP13-26

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-26** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338052E - 348211N Level: 36.91 m AOD	Date: 02/12/2013
Location: Marchwiel		Dimensions: - Depth 1.60m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
			0.10	36.81		MADE GROUND: Soft brown sandy clay with waste consisting of frequent pieces of wood, plastic sheeting, bricks and plastic pipes.
			1.60	35.31		Trialpit Complete at 1.60 m

Remarks: Concrete wall observed in North face of the pit from 0.1mbgl to 0.3mbgl.

Groundwater: At 1.6m, groundwater ingress of low flow.

AGS



Trial Pit TP13-27

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-27** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338065E - 348234N Level: 36.45 m AOD	Date: 02/12/2013
Location: Marchwiel		Dimensions: - Depth: 1.00m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Concrete slab with re-bar.
			0.30	36.15		MADE GROUND: Firm blackish brown sandy clay.
			1.00	35.45		Trialpit Complete at 1.00 m

Remarks: Concrete slab with re-bar observed at ground level.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-28

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-28** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338057E - 348243N Level: 36.52 m AOD	Date: 02/12/2013
Location: Marchwiel		Dimensions: - Depth 1.00m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Loose rounded fine gravel of mixed lithology.
			0.10	36.42		MADE GROUND: Concrete slab with re-bar.
			0.30	36.22		MADE GROUND: Firm blackish brown sandy clay.
			0.50	36.02		MADE GROUND: Firm blackish brown sandy clay.
			1.00	35.52		Trialpit Complete at 1.00 m

Remarks: Trial pit terminated due to suspected service observed at 0.6mbgl. Concrete slab observed at 0.1mbgl.

Groundwater: No groundwater encountered

AGS



Trial Pit TP13-30

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-30** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338269E - 348042N Level: 34.55 m AOD	Date: 02/12/2013
Location: Marchwiel		Dimensions: - Depth 2.10m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
			0.10	34.45		MADE GROUND: Gravel of crushed red brick.
			0.30	34.25		Firm grey sandy CLAY (possibly reworked) with a band of black, very sandy clay from 0.8mbgl - 0.9mbgl.
			2.10	32.45		Trialpit Complete at 2.10 m

Remarks: No surface or subsurface structures observed.

Groundwater: At 2.1m, groundwater ingress of low flow and red in colour.

AGS



Trial Pit TP13-31

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-31** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338263E - 348027N Level: 35.17 m AOD	Date: 02/12/2013
Location: Marchwiel		Dimensions: - Depth 2.10m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
			0.20	34.97		Firm grey sandy CLAY (possibly reworked) with a black band of very sandy clay at 0.7 - 1.1mbgl.
			2.10	33.07		Trialpit Complete at 2.10 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-32

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-32** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338268E - 347999N Level: 35.49 m AOD	Date: 02/12/2013
Location: Marchwiel		Dimensions: Depth 2.00m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level m AOD	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
			0.20	35.29		MADE GROUND: Brown sandy clay with waste including bricks and suspected cordite fuses
			1.80	33.69		MADE GROUND: Coal tar with a strong hydrocarbon odour.
2.00			2.00	33.49		Trialpit Complete at 2.00 m

Remarks: No surface or subsurface structures observed. PID reading of 14.6ppm for a soil sample taken at 2m bgl. Trial pit terminated at 2.0m bgl due to collapse.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-33

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-33** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338243E - 347982N Level: 36.25 m AOD	Date: 03/12/2013
Location: Marchwiel		Dimensions: - Depth: 1.90m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
			0.20	36.05		MADE GROUND: Firm brown silty sandy clay with frequent bricks.
			1.90	34.35		Trialpit Complete at 1.90 m

Remarks: Concrete structure observed at 0.2mbgl in the centre of the pit.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-34

ikm consulting

IKM Consulting Ltd
Tel: 01324 876822
Fax: 01324 876823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-34** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338284E - 348000N Level: 34.88 m AOD	Date: 03/12/2013
Location: Marchwiel		Dimensions: - Depth 2.10m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
			0.30	34.58		MADE GROUND: Soft brown sandy clay with waste consisting of frequent pieces of wood and brick.
			2.10	32.78		Trialpit Complete at 2.10 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-35

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-35** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338289E - 348008N Level: 34.37 m AOD	Date: 03/12/2013
Location: Marchwiel		Dimensions: – Depth 2.30m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
0.40			0.30	34.07		MADE GROUND: Blackish grey coarse grained sand with ash and rare cobbles of concrete and brick.
			0.60	33.77		Firm to stiff light brown sandy silty CLAY (possibly reworked).
			2.30	32.07		Trialpit Complete at 2.30 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-36

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-36** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338288E - 348022N Level: 34.34 m AOD	Date: 03/12/2013
Location: Marchwiel		Dimensions: - Depth 2.70m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
			0.20	34.14		MADE GROUND: Gravel of crushed red brick.
			0.40	33.94		MADE GROUND: Brown sandy clay with rare cobbles of concrete with re-bar and brick.
			2.70	31.64		Trialpit Complete at 2.70 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-37

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-37** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338309E - 348023N Level: 33.37 m AOD	Date: 03/12/2013
Location: Marchwiel		Dimensions: Depth 2.40m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
			0.20	33.17		MADE GROUND: Gravel of crushed red brick.
			0.40	32.97		MADE GROUND: Brown sand containing frequent bricks and rare cobbles of concrete and metal re-bar.
			2.40	30.97		Trialpit Complete at 2.40 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-38

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-38** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338301E - 348036N Level: 33.82 m AOD	Date: 03/12/2013
Location: Marchwiel		Dimensions: - Depth 2.80m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Grass over brown sandy topsoil.
			0.30	33.52		MADE GROUND: Gravel of crushed red brick.
			0.50	33.32		MADE GROUND: Soft brown sandy clay with rare cobbles of waste consisting concrete with re-bar and brick.
			2.50	31.32		MADE GROUND: Soft brown sandy clay with rare cobbles of waste consisting concrete with re-bar and brick.
			2.80	31.02		Trialpit Complete at 2.80 m

Remarks: No surface or subsurface structures observed.

Groundwater: At 2.5m, groundwater ingress of low flow.

AGS



Trial Pit TP13-39

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-39** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338299E - 348046N Level: 33.92 m AOD	Date: 03/12/2013
Location: Marchwiel		Dimensions: - Depth 1.80m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m AOD)	Legend	Stratum Description
						MADE GROUND: Grass over brown sandy topsoil.
			0.10	33.82		MADE GROUND: Gravel of crushed red brick.
			0.30	33.62		MADE GROUND: Blackish grey coarse grained sand with rare ash.
			0.50	33.42		Firm to stiff light brown sandy silty CLAY (possibly reworked).
			1.60	32.32		Firm to stiff light brown sandy silty CLAY (possibly reworked).
			1.80	32.12		Trialpit Complete at 1.80 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-40

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-40** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338092E - 348208N Level: 36.26 m AOD	Date: 03/12/2013
Location: Marchwiel		Dimensions: Depth 1.10m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level m AOD	Legend	Stratum Description
Depth (m)	Type	Results				
			0.10	36.16		MADE GROUND: Grass over brown sandy topsoil.
0.50						MADE GROUND: Blackish brown sandy clay with frequent gravel of brick.
			0.60	35.66		Firm to stiff orangish brown sandy CLAY (possibly reworked).
			1.10	35.16		Trialpit Complete at 1.10 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-41

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-41** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338112E - 348230N Level: 36.01 m AOD	Date: 03/12/2013
Location: Marchwiel		Dimensions: - Depth: 1.10m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Brown sandy topsoil.
			0.10	35.91		MADE GROUND: Soft brown sandy clay with rare cobbles of brick.
			1.10	34.91		Trialpit Complete at 1.10 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-49

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-49** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338112E - 348230N Level: 36.01 m AOD	Date: 04/12/2013
Location: Marchwiel		Dimensions: - Depth 1.30m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Brown sandy topsoil.
			0.10	35.91		MADE GROUND: Firm brown sandy clay with rare cobbles of brick.
			0.40	35.61		MADE GROUND: Firm blackish brown gravelly clay with rare cobbles of brick.
			0.70	35.31		MADE GROUND: Firm brown gravelly clay with rare cobbles of brick and timber.
			1.10	34.91		MADE GROUND: Firm blackish brown gravelly clay with rare cobbles of concrete and brick.
			1.30	34.71		Trialpit Complete at 1.30 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-50

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-50** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338116E - 348231N Level: 35.94 m AOD	Date: 04/12/2013
Location: Marchwiel		Dimensions: - Depth 1.20m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Brown sandy topsoil.
			0.20	35.74		MADE GROUND: Firm brown gravelly clay.
			1.20	34.74		Trialpit Complete at 1.20 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS



Trial Pit TP13-51

ikm consulting

IKM Consulting Ltd
Tel: 01324 878822
Fax: 01324 878823
email: info@ikmconsulting.co.uk

Trialpit No **TP13-51** Sheet 1 of 1

Project Name: Maelor Works, Wrexham	Project No.: 13627	Co-ords: 338116E - 348235N Level: 35.68 m AOD	Date: 04/12/2013
Location: Marchwiel		Dimensions: - Depth 1.00m	Scale: 1:15
Client: NGPH			Logged By: M Sweeney

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						MADE GROUND: Brown sandy topsoil.
			0.30	35.38		MADE GROUND: Firm blackish brown gravelly clay with rare cobbles of concrete and brick.
			0.50	35.18		MADE GROUND: Black brown sandy gravel of coal with ash.
0.90						
			1.00	34.68		Trialpit Complete at 1.00 m

Remarks: No surface or subsurface structures observed.

Groundwater: No groundwater encountered.

AGS

Wrexham Gas Works
Boreholes & Trialpits 12/12/2013

Code	Easting	Northing	Height
BH2	338037.721	348096.252	30.371
BH3	338000.858	348184.194	30.187
BH4	338012.244	348212.040	30.549
BH5	338018.725	348232.438	30.069
BH6	338022.147	348240.949	30.156
BH7	338026.351	348239.900	30.153
BH22	338067.840	348036.290	30.382
BH23	338031.968	348073.744	30.566
BH24	337989.460	348037.140	31.496
BH3A	338000.765	348186.608	30.223
BH4A	338011.461	348217.108	30.627
BH4B	338005.530	348196.377	30.213
BH8A	338039.481	348235.510	30.212
TRP1	338031.455	348045.201	30.290
TRP2	338022.080	348046.362	30.431
TRP3	338006.796	348048.200	30.475
TRP4	337994.410	348077.175	30.516
TRP5	337989.212	348089.521	30.528
TRP6	337997.902	348070.405	30.547
TRP7	338008.617	348098.599	30.344
TRP8	337980.678	348104.304	30.517
TRP9	337994.661	348123.216	30.167
TRP10	338009.401	348120.384	30.487
TRP11	338000.957	348181.600	30.244
TRP12	338011.687	348178.005	30.144
TRP13	338009.958	348185.753	30.260
TRP15	338118.832	348210.439	29.850
TRP16	338109.600	348198.928	29.979
TRP17	338142.523	348213.998	29.930
TRP18	338141.490	348190.538	30.004
TRP19	338133.682	348203.914	30.062
TRP20	338082.990	348237.662	29.974
TRP21	338086.365	348243.473	30.073
TRP22	338052.466	348227.419	30.162
TRP23	338047.063	348196.125	30.561
TRP24	338038.528	348208.446	30.689
TRP25	338019.617	348203.417	30.683
TRP26	338052.621	348210.956	30.553
TRP27	338064.918	348234.005	30.092
TRP28	338057.103	348242.923	30.160
TRP29	338097.152	348237.951	29.395
TRP30	338299.614	348046.069	27.514
TRP30	338269.471	348042.372	28.185
TRP31	338263.526	348027.008	28.811
TRP32	338267.902	347999.050	29.130
TRP33	338243.158	347981.671	29.894
TRP34	338284.369	348000.306	28.524
TRP35	338289.823	348007.479	28.009
TRP36	338288.249	348021.942	27.975
TRP37	338309.788	348023.291	27.009
TRP38	338301.100	348035.514	27.455

TRP39	338298.916	348046.051	27.562
TRP48	337588.891	348123.653	29.986
TRP49	338112.507	348229.805	29.654
TRP50	338116.759	348231.365	29.578
TRP51	338115.936	348234.487	29.322
TRP8A	337993.689	348102.204	30.422
BH99 104	338034.916	348236.813	30.196
WATERPIPE	338093.098	348207.899	29.892

Description