Cotswold Archaeology

Mount Pleasant Gas Main Replacement
Conwy
Conwy

Archaeological Watching Brief

for

Grontmij

on behalf of

Wales and West Utilities

CA Project: 4535
CA Report: 13715

February 2014

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SUMMARY

Project Name:	Mount Pleasant Gas Main Replacement
Location:	Conwy, Conwy
NGR:	NGR: SH 7787 7753
Type:	Watching Brief
Date:	25 November to 11 December 2013
Location of Archive:	To be deposited with RCAHMW
Site Code:	MOP 13

An archaeological watching brief was undertaken by Cotswold Archaeology during groundworks associated with the replacement of a gas main along Mount Pleasant Road and Sychnant Pass Road, Conwy.

All the excavated trenches revealed deposits possibly associated with of a widespread backfilling event. Elements of the backfilling may be associated with the infilling of the town ditch, but evidence from these observations was could not definitively resolve whether this was the case.

1. INTRODUCTION

1.1 Between 25 November and 11 December 2013 Cotswold Archaeology (CA) carried out an archaeological watching brief for Grontmij on behalf of Wales and West Utilities (WWU), during a gas main replacement works at Mount Pleasant Road, Conwy (centred on NGR: NGR: SH 7787 7753; Fig. 1).

1.2 The gas main replacement route lay just outside the Town Walls Scheduled Monument boundary (ref. CN014). Following consultation with Cadw and Ashley Batten (Senior Planning Archaeologist for Gwynedd Archaeological Planning Service (GAPS)), it was agreed that archaeological recording provisions should be applied to the works. While Scheduled Monument Consent was issued by Cadw, no intrusive works were required within the Scheduled Monument boundary. The watching brief was carried out in accordance with a detailed Written Scheme of Investigation (WSI) produced by CA (2013) and approved by Ashley Batten (GAPS). The fieldwork also followed the *Standard and guidance for an archaeological watching brief* (IfA 2009), and the *Management of Archaeological Projects 2* (English Heritage 1991), the *Management of Research Projects in the Historic Environment (MORPHE): Project Manager's Guide* (EH 2006). It was monitored by Ashley Batten, including site visits on 28 November, 1 and 11 December 2013.

The site

1.3 The site is located to the south-west of the historic core of Conwy (Fig. 1). The replacement gas main route follows the alignment of Mount Pleasant road, sloping down to both the south-west and north-east away from the Watch Tower on land that slopes steeply from southwest to northeast (Fig. 2).

1.4 The underlying bedrock geology of the route is mapped as being Conwy Mudstones Formation - Mudstone of the Ordovician period. Superficial deposits are recorded as Till, Devensian of the Quaternary period (BGS 2013). Conwy Mudstone was not encountered within the excavated trenches but was visible as surface exposures, above and to the side of Mount Pleasant Road at its southern extent.

Archaeological background

1.5 The gas main replacement route lay just outside the Scheduled Monument boundary of Conwy Town Walls (SM ref. CN014; Grade I Listed Building 3233), but inside the

Conwy Conservation Area. The following background is derived from a Historic Environment Record search surrounding the route and general background sources.

1.6 Pre-medieval evidence is scant in the vicinity of the gas main replacement route. The Iron Age hillfort at Castell Caer Lleion, Conwy Mountain represents the most significant example of late prehistoric to Roman archaeology, and is located 1.8km to the west of Conwy. The hillfort is substantial and contains approximately 50 hut sites, some of which have stone walling (Smith 2012).

1.7 Conwy Castle and the associated town walls were built as part of the wider process of consolidation of power by Edward I. This followed the second of his military campaigns in the region during the period 1282-3.

1.8 Recent excavations adjacent to the northern boundary of the town have been undertaken at Castle Street (EAS 2012). This demonstrated the existence of material and structures possibly dating from the 16th century onward against the outside of the town wall.

1.9 The first detailed cartographic evidence for the area is the Holland Estate map, revised in 1810 (Bangor Records Office Ref. UWB Bangor 2383). This depicts a possible ditch outside the town wall.

1.10 The 1889 Ordnance Survey (OS) map 1:2500 scale does not show the possible ditch outside the walls, but does show the current road layout including Wind St and buildings to the north of the Watch Tower and buildings against the Town Wall from the northern end of the car park alongside Mount Pleasant down to the quay.

Archaeological objectives

1.11 The objectives of the archaeological works were:

- to monitor groundworks, and to identify, investigate and record all significant buried archaeological deposits revealed on the site during the course of the development groundworks;

- at the conclusion of the project, to produce an integrated archive for the project work and a report setting out the results of the project and the archaeological conclusions that can be drawn from the recorded data.

Methodology

1.12 The watching brief comprised of a competent archaeologist observing all intrusive groundworks. Non-archaeologically significant deposits were removed by the contractors under archaeological supervision. Where mechanical excavators were used, these were equipped with a toothless bucket.

1.13 Where archaeological deposits were encountered they were planned and recorded in accordance with *Technical Manual 1 Fieldwork Recording Manual* (CA 2013). Each context was recorded on a pro-forma context sheet by written and measured description; principal deposits were recorded by drawn plans (scale 1:20 or electronically using Leica 1200 series GPS as appropriate) and drawn sections (scale 1:10). Photographs (digital colour) were taken as appropriate. All finds and samples were bagged separately and related to the context record. All artefacts were recovered and retained for processing and analysis in accordance with *Technical Manual 3 Treatment of Finds Immediately after Excavation* (CA 1995).

1.14 Due care was taken to identify deposits which may have environmental potential, and where appropriate, a programme of environmental sampling was initiated. Samples were taken, processed and assessed for potential in accordance with *Technical Manual 2 The Taking and Processing of Environmental and Other Samples from Archaeological Sites* (CA 2003).

1.15 The archive and artefacts from the evaluation are currently held by CA at their offices in Kemble. The archive will be deposited with the RCAHMW.

2. RESULTS (FIGS 2-6)

2.1 The general stratigraphy encountered throughout the site comprised a dark yellow alluvium, sealed by dark yellowish brown colluvium deposits (112, 113, 118, 119, 410, 411, 412, 911) which were covered by brown silty clay gravel dumped deposits (110, 205, 206, 305, 306, 307, 308, 309, 409, 704, 705, 808, 809, 810, 818, 819, 905); of these only 808 produced pottery dating to between the 18th and 19th centuries. Frequently the boundaries between the layers was diffuse (Fig. 3, section AA, Fig. 4, section BB, Fig. 5, section CC-EE, Fig. 6, section FF-HH). These deposits were overlain by modern make-up deposits for the current road surface. No

other archaeological features or deposits of interest were present in Trenches 2 to 3 and 5 to 10.

Trench 1 (Fig.2 and 3)

2.2 Cutting the alluvial deposits 118 and colluvial deposit 119 in Trench 1 was ditch 117, identified at 1.3m below present ground level (bpgl). The earliest fill of ditch 117 was fill 116 a light blue grey silt, this was covered by fill 117, a dark brown peat deposit which was in turn covered by fill 114 a dark yellow brown silt. This was sealed by colluvium deposit 113 (Fig. 3, section AA). A single sample containing both lower fills was taken and processed, but no plant remains or artefacts were present.

2.3 Buried soils located above the colluvium deposits and below the dumped deposits measured 0.03m in thickness.

Trench 4 (Fig. 2 and 5)

2.4 Cutting the dumped deposit 409 in Trench 4 were a possible pit 417 and a posthole 408 (Fig. 5, section CC and DD). The earliest fill of pit 417 was fill 416, a dark brown silty gravel which was covered by fill 415 a dark brown silty clay. The fill of posthole 408 was not distinguishable from the overlying deposit. Buried soils located above the colluvium deposits and below the dumped deposits measured 0.03m in thickness.

The finds evidence

2.5 Finds recovered from the watching brief included pottery, ceramic building material, glass and iron objects.

Pottery

2.6 A total of 42 sherds of black-glazed earthenware, which dates to the 18th-19th centuries were recovered from dump layer 110 and dump 808. The 40 sherds from fill 808 appeared to represent one large bowl.

2.7 A further 51 sherds of post-medieval pottery were recovered from dump 808. This included English porcelain, Rockingham earthenware, English stoneware, mocha ware, industrial yellow ware, glazed earthenware, transfer-printed refined whiteware and refined whiteware. These pottery types all date to the 18th to 19th centuries, apart from the glazed earthenware, which dates to the 16th to 18th centuries.

Ceramic building material

2.8 Dump 808 produced one fragment of post-medieval/modern brick.

Glass

2.9 Four fragments of post-medieval, and one fragment of modern, glass were recovered from dump 808. The post-medieval fragments consisted of green and brown bottle glass. The modern fragment appeared to be the base of a milk bottle and is considered to be intrusive within this context.

Iron objects

2.10 Three iron objects were recovered from buried soil 405. These comprised two strips and one tanged tool. All were moderately corroded and cannot be dated.

3. DISCUSSION

3.1 The groundworks only exposed deposits and features relating to post-medieval activity on the site. It is presumed given available cartographic sources (primarily the Holland Estate Map) the trenches lay within the projected alignment of the town ditch; no evidence of the profile or base of the ditch was identified. Ditch 117, identified within Trench 1, lay within deposits potentially relating to the town ditch though the restricted trench size precludes further interpretation. The dump deposits are likely related to the later construction of a road on top of the ditch, however the function of pit 417 and posthole 408 remain uncertain.

4. CA PROJECT TEAM

Fieldwork was undertaken by Peter Busby. The report was written by Peter Busby and Thomas Weavill. The illustrations were prepared by Jon Bennett and the finds report by Jacky Sommerville. The archive has been compiled by Peter Busby, and prepared for deposition by Hazel O'Neill. The project was managed for CA by Ian Barnes.

5. REFERENCES

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CA (Cotswold Archaeology) 2013 *Mount Pleasant Gas Main Replacement, Conwy, Conwy; Written Scheme of Investigation for an Archaeological Watching Brief*

GAT (Gwynedd Archaeological Trust) 1993 *Newborough Terrace, Conwy: Archaeological Watching Brief* GAT Report No. **51**

GAT (Gwynedd Archaeological Trust) 1996 *14 and 14a Upper Gate Street, Conwy: Archaeological Watching Brief* GAT Report No. **209**

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APPENDIX A: CONTEXT DESCRIPTIONS

Trench No.	Context No.	Type	Fill of	Context interpretation	Description	L (m)	W (m)	Depth/ thickness (m)	Spot Date
1	101	Layer		Road surface	Black tarmac	>4.00	>1.50	0.10	
1	102	Layer		Road surface	Black tarmac	>4.00	>1.50	0.15	
1	103	Fill	104	Gas service trench fill	Grey brown abundant silt clay gravel (mudstone), abundant angular mudstone and tarmac pebbles and boulders with occasional sweet wrappers	>4.00	>1.20	0.80	
1	104	Cut		Gas service trench	NE/SW linear vertical/steep sides and flat base	>4.00	>1.20	0.80	
1	105	Fill	106	Service trench fill	Grey brown abundant silt clay gravel (mudstone), abundant angular mudstone and tarmac pebbles and boulders	>4.00	>1.50	0.78	
1	106	Cut		Service trench	Various linear cuts containing electricity, water, and phone services	>4.00	>1.50	0.78	
1	107	Layer		Road surface/sub-base or service trench fill	Grey brown silt clay gravel (mudstone) and abundant angular mudstone pebbles. A hard compact layer	>2.60		0.11	
1	108	Layer		Road surface/sub-base or service trench fill	Yellow brown silt clay gravel (mudstone) and abundant angular mudstone pebbles. A hard compact layer	>2.65		0.07	
1	109	Layer		Road surface/sub-base or service trench fill	Dark grey brown angular mudstone pebbles and boulders with frequent silt clay gravel (mudstone)	>2.85		0.14	
1	110	Layer		Dump	Grey blue crushed roof slates with frequent white mortar flecks and small lumps	>3.00		0.13	C18/19
1	111	Layer		Possible buried soil	Dark blue brown silt clay gravel (mudstone)	>1.10		0.03	
1	112	Layer		Possible subsoil	Brown silt clay gravel (mudstone) with occasional flecks of charcoal	>3.10		0.15	
1	113	Layer		Colluvium	Dark yellow brown silt clay gravel (mudstone) with occasional charcoal flecks and rounded assorted pebbles	>1.8		0.45	
1	114	Fill	117	Ditch fill	Upper fill: abundant dark yellow brown silt clay gravel (mudstone), abundant angular mudstone pebbles and boulders with occasional charcoal flecks		0.6	0.18	
1	115	Fill	117	Ditch fill	Middle fill: dark brown silt clay peat	>0.50	0.55	0.18	
1	116	Fill	117	Ditch fill	Lower fill: light blue grey silt	>0.50	0.14	0.09	
1	117	Cut		Ditch	NW/SE linear with steep sides and narrow rounded base	>0.50	0.60	0.33	
1	118	Layer		Alluvium	Light yellow brown silt with the occasional thin horizontal lenses of fine sand	>0.80	>0.50	>0.20	
1	119	Layer		Colluvium	Dark yellow brown silt clay gravel (mudstone) with occasional charcoal flecks and rounded assorted pebbles. Artificially divvied from 113 because of cut 117	>0.80		>0.14	
2	201	Layer		Road surface	Black tarmac	>1.30	>1.20	0.10	
2	202	Layer		Road surface	Black tarmac	>1.30	>1.20	0.10	
2	203	Fill	204	Gas service trench fill	Grey brown abundant silt clay gravel (mudstone), abundant angular mudstone and tarmac	>1.30	>1.20	0.85	

					pebbles and boulders with occasional sweet wrappers				
2	204	Cut		Gas service trench	NE/SW linear vertical/steep sides and flat base	>1.30	>1.20	0.85	
2	205	Layer		Dump	Grey brown silt clay gravel (mudstone)	>1.30		0.39	
2	206	Layer		Dump	Light yellow brown silt clay gravel (mudstone) with frequent angular mudstone pebbles and small boulders	>1.30		>0.36	
3	301	Layer		Road surface	Black tarmac	>7.80	>1.10	0.10	
3	302	Layer		Road surface	Black tarmac	>7.80	>1.10	0.09	
3	303	Layer		Possible road surface	Yellow brown silt clay gravel (mudstone). A hard, very compact layer	>7.80	>1.10	0.04	
3	304	Layer		Road surface/sub-base	Blue brown sandy gravel (mudstone). A hard, very compact layer	>7.80	>1.10	0.09	
3	305	Layer		Dump	Yellow brown silt clay gravel (mudstone). A very mixed layer with small patches of yellow silt clay gravel (mudstone)	>3.30	>0.30	0.10	
3	306	Layer		Dump	Dark grey brown silt clay gravel (mudstone) with occasional flecks of white mortar	>1.20	>0.05	0.15	
3	307	Layer		Possible dump	Dark brown silt clay gravel (mudstone) with occasional flecks of white mortar, charcoal flecks, and angular mudstone pebbles	>3.30	>0.30	0.33	
3	308	Deposit		Dump	Very abundant light grey white sandy lime mortar and abundant angular mudstone pebbles-boulders. The stones were not in courses and the stones on the surface had no mortar adhering to their upper surfaces	>3.30	>1.10	>0.10	
3	309	Layer		Dump	Yellow brown silt clay gravel (mudstone). A hard, very compact layer	>0.95	>0.05	0.09	
3	310	Fill	311	Gas service trench fill	Grey brown abundant silt clay gravel (mudstone), abundant angular mudstone and tarmac pebbles and boulders with occasional plastic	>7.80	>1.10	0.80	
3	311	Cut		Gas service trench	NE/SW linear vertical/steep sides and flat base	>7.80	>1.10	0.80	
3	312	Fill	313	Service trench fill	Grey brown abundant silt clay gravel (mudstone), abundant angular mudstone and tarmac pebbles and boulders	>7.80	>1.10	>0.70	
3	313	Cut		Service trench	Various linear cuts containing electricity, water, and phone services	>7.80	>1.10	>0.70	
4	401	Layer		Road surface	Black tarmac	>4.70	>1.80	0.09	
4	402	Layer		Road sub-base	Light grey brown crushed mudstone (road stone)	>4.70	>1.55	0.08	
4	403	Layer		Road surface	Black tarmac	>4.70	>1.55	0.15	
4	404	Layer		Road sub-base	Brown crushed mudstone	>4.70	>1.55	0.17	
4	405	Layer		Buried top-soil	Grey brown black silt clay with moderate gravel (mudstone)	>4.70	>1.55	0.03	
4	406	Layer		Road surface/sub-base	Dark brown silt gravel (mudstone). A hard compact layer	>4.70	>1.55	0.18	
4	407	Fill	408	Posthole fill	Dark brown silt clay with occasional gravel (mudstone)	0.18		0.07	
4	408	Cut		Posthole	A shallow sloping cut with round base. Seen in section only	0.18		0.07	
4	409	Layer		Dump	Light yellow brown silt clay gravel (mudstone) with frequent angular and rounded mudstone pebbles.	>4.70	>1.35	0.19	

4	410	Layer		Buried top-soil	Dark grey brown silt clay with occasional charcoal flecks and gravel (mudstone)	>4.70	>1.55	0.03	
4	411	Layer		Colluvium	Grey brown silt clay gravel (mudstone) with occasional charcoal flecks and small angular mudstone pebbles	>4.70	>1.55	0.23	
4	412	Layer		Natural (drift) or Colluvium	Light brown silt clay gravel (mudstone) with occasional small angular mudstone pebbles	>4.70	>1.55	>0.24	
4	413	Fill	414	Service trench fill	Grey brown abundant silt clay gravel (mudstone), abundant angular mudstone and tarmac pebbles and boulders	>4.70	>1.80	>0.99	
4	414	Cut		Service trench	NE/SW linear vertical/steep sided cuts with flat base	>4.70	>1.80	>0.99	
4	415	Fill	417	Pit fill	Upper fill: Dark brown silt clay gravel (mudstone) with occasional large rounded mudstone pebbles and small lumps of yellow clay gravel (mudstone)	0.68		0.35	
4	416	Fill	417	Pit fill	Lower fill: Dark brown silt gravel (mudstone) with frequent angular mudstone pebbles, occasional angular white mortar pebbles and charcoal flecks	0.68		0.20	
4	417	Cut		Pit	Seen only in section with vertical sides and a flat base	0.68		0.39	
5	501	Layer		Road surface	Black tarmac	>0.94	>0.86	0.09	
5	502	Layer		Road sub-base	Light grey brown crushed mudstone (road stone)	>0.94	>0.05	0.04	
5	503	Layer		Road surface	Black tarmac	>0.94	>0.05	0.11	
5	504	Fill	505	Gas service trench fill	Brown abundant silt clay gravel (mudstone), abundant angular mudstone and tarmac pebbles and boulders	>0.94	>0.80	0.44	
5	505	Cut		Gas service trench	NE/SW linear vertical/steep sided cut. Not bottomed	>0.94	>0.80	0.44	
5	506	Fill		Service trench fill	Brown abundant silt clay gravel (mudstone), abundant angular mudstone and tarmac pebbles and boulders. Not excavated	>0.94	>0.05	>0.29	
6	601	Layer		Road surface	Black tarmac	>0.97	>0.92	0.09	
6	602	Layer		Road surface	Black tarmac	>0.97	>0.05	0.11	
6	603	Fill	604	Gas service trench fill	Brown abundant silt clay gravel (mudstone), abundant angular mudstone and tarmac pebbles and boulders	>0.97	>0.87	0.80	
6	604	Cut		Gas service trench	NE/SW linear vertical/steep sided cut. Not bottomed	>0.97	>0.87	0.80	
6	605	Fill		Service trench fill	Brown abundant silt clay gravel (mudstone), abundant angular mudstone and tarmac pebbles and boulders. Not excavated	>0.97	>0.05	>0.70	
7	701	Layer		Road surface	Black tarmac	>0.10	>1.08	0.10	
7	702	Layer		Road surface	Black tarmac	>1.10	>0.25	0.08	
7	703	Layer		Road surface/sub-base	Dark brown silt gravel (mudstone) with frequent angular mudstone pebbles. A hard compact layer	>1.10	>0.25	0.06	
7	704	Layer		Dump	Yellow brown silt clay gravel (mudstone) with frequent angular mudstone pebbles	>1.10	>0.25	0.16	
7	705	Layer		Dump	Part of Deposit A: Abundant dark brown silt clay gravel (mudstone), abundant angular mudstone pebbles and boulders	>1.10	>0.25	>0.55	
7	706	Fill	707	Gas service trench fill	Grey brown abundant silt clay gravel (mudstone), abundant angular mudstone and tarmac	>1.10	>0.83	0.85	

					pebbles and boulders				
7	707	Cut		Gas service trench	NE/SW linear vertical/steep sides and flat base	>1.10	>0.83	0.85	
8	801	Layer		Top soil	Brown silt clay gravel (mudstone with occasional angular pebbles	>3.00	>1.80	0.12	
8	802	Fill	804	Road Kerb trench fill	Brown silt clay with occasional angular small to large concrete pebbles	>3.00	0.60	0.21	
8	803	Fill	804	Road Kerb	Concrete road kerb and concrete bedding	>3.00	0.48	0.32	
8	804	Cut		Road Kerb trench	NE/SW linear with vertical eastern side and flat base	>3.00	>0.75	0.21	
8	805	Layer		Floor/cement dump	Light grey white sand concrete, no coarse components. Very hard and flat. Seen only in section	>1.05		0.03	
8	806	Layer		Occupation deposit	Brown sand silt with occasional charcoal flecks. Seen only in section	>1.05		0.05	
8	807	Layer		Floor/surface	Light grey brown clay gravel (not mudstone). Hard, very compact, flat layer. Seen only in section	>1.05		0.02	
8	808	Layer		Dump	Lenses of grey blue silt clay, dark grey brown fine sand silt, dark brown silt clay gravel (mudstone), and angular mudstone boulders with frequent pottery shards and sea shells (mussel and cockle). Seen only in section	>1.80		0.35	C19
8	809	Layer		Dump	Part of Deposit A: Brown gravel (mudstone) with no inclusions or fine components. Seen only in section	>1.80		0.28	
8	810	Layer		Dump	Part of Deposit A: Voided, lose angular mudstone pebbles and boulders. Seen only in section	>1.80		>0.52	
8	811	Fill	812	Gas service trench fill	Grey brown silt clay gravel (mudstone) with frequent angular mudstone and tarmac pebbles and boulders	>20.30	1.00	1.20	
8	812	Cut		Gas service trench	NE/SW linear vertical/steep sides and flat base	>20.30	1.00	1.20	
8	813	Layer		Road surface	Black tarmac	>17.00	>1.6	0.10	
8	814	Layer		Road surface	Black tarmac	>17.00	>1.6	0.09	
8	815	Layer		Road surface	Light brown clay gravel (not mudstone). A hard compact layer	>17.00	>1.60	0.03	
8	816	Fill	817	Service trench fill	Yellow brown abundant silt clay gravel (mudstone) with frequent angular mudstone and tarmac pebbles and boulders		>0.37	0.29	
8	817	Cut		Service trench	NW/SE linear with vertical/steep sides and rounded base. See in section only		>0.37	0.29	
8	818	Layer		Dump	Part of Deposit A: Dark brown abundant silt clay gravel (mudstone) with moderate angular mudstone pebbles and boulders, and abundant voided angular mudstone pebbles and boulders	>17.00	>1.60	1.25	
8	819	Layer		Dump	Dark grey abundant silt clay fine gravel (mudstone), abundant decayed mussel shells with frequent angular mudstone pebbles	>0.50	>0.30	>0.20	
9	901	Layer		Road surface	Black tarmac	>20.00	>13.0	0.10	
9	902	Layer		Road surface	Black tarmac	>20.00	>13.0	0.11	

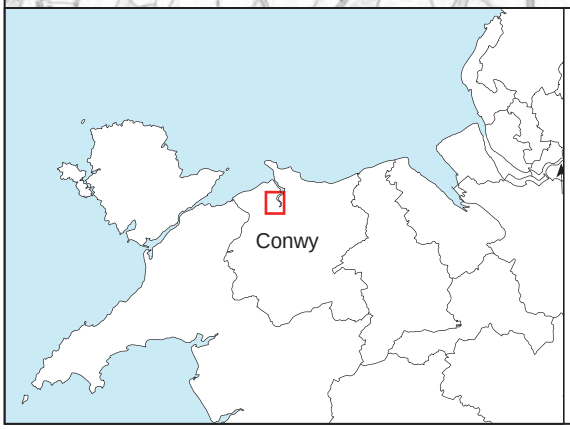
9	903	Layer		Road surface/sub-base	Dark brown coarse gravel (mudstone). A hard compact layer	>20.00	>13.0	0.08	
9	904	Layer		Road surface	Light brown clay gravel (not mudstone). A hard compact layer	>20.00	>1.50	0.03	
9	905	Layer		Dump	Part of Deposit A: Same as 818	>18.00	>1.50	>1.28	
9	906	Fill	907	Gas service trench fill	Grey brown silt clay gravel (mudstone) with frequent angular mudstone and tarmac pebbles and boulders	>20.00	>13.0	0.70	
9	907	Cut		Gas service trench	NE/SW linear vertical/steep sides and flat base	>20.00	>13.0	0.70	
9	908	Fill	909	Service trench fill	Yellow brown abundant silt clay gravel (mudstone) with frequent angular mudstone and tarmac pebbles and boulders	>20.00	>13.0	>0.70	
9	909	Cut		Service trench	Numerous linear cuts with vertical/steep sides and rounded base for gas, water, electricity services	>20.00	>13.0	>0.70	
9	910	Layer		Road surface	Light grey brown angular mudstone pebbles and gravel with frequent silt clay and course sand. A very hard compact layer	>1.00		0.09	
9	911	Layer		Natural (drift)	Grey brown silt clay with frequent round and angular assorted pebbles	>1.00		>0.43	
10	1001	Layer		Road surface	Black tarmac	>3.00	>2.30	0.10	
10	1002	Fill		Service trench fill	Very abundant grey crushed rock and abundant brown abundant silt clay gravel (mudstone) with frequent angular mudstone and tarmac pebbles and boulders	>3.00	>2.30	>0.55	

APPENDIX B: THE FINDS

Context	Description	Count	Weight(g)	Spot-date
110	Post-medieval pottery: black-glazed earthenware	2	149	C18-C19
405	Iron objects	3	113	-
808	Post-medieval pottery: Porcelain M18-19	2	3696	C19
	Post-medieval pottery: Rockingham earthenware 19	1		
	Post-medieval pottery: English stoneware 18-19	1		
	Post-medieval pottery: Mocha ware EM19	7		
	Post-medieval pottery: industrial yellow ware	5		
	Post-medieval pottery: black-glazed earthenware 18-19	40		
	Post-medieval pottery: glazed earthenware 16-18	6		
	Post-medieval pottery: transfer-printed refined whiteware 19	20		
	Post-medieval pottery: refined whiteware L18-19	9		
	Ceramic building material	1	54	
	Post-medieval glass	4	43	
	Modern glass	1	32	

APPENDIX C: THE PALAEOENVIRONMENTAL EVIDENCE

A sample 7l was taken from the peaty primary deposits of Ditch 117 (115 and 116) and a 1l sub-sample was wet sieved to 0.25mm to recover waterlogged plant remains. The residues were visually inspected using a binocular microscope and no plant remains were observed, suggesting the peaty deposit was heavily degraded.



N

0 1km

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PROJECT TITLE

Mount Pleasant Gas Main Replacement
Conwy, Conwy

FIGURE TITLE

Site location plan

PROJECT NO.	**4535**	*DATE*	**03-01-2014**	*FIGURE NO.*
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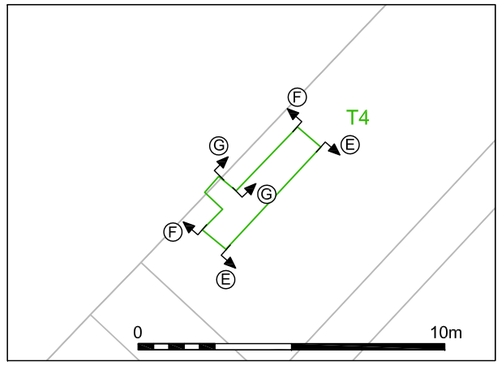

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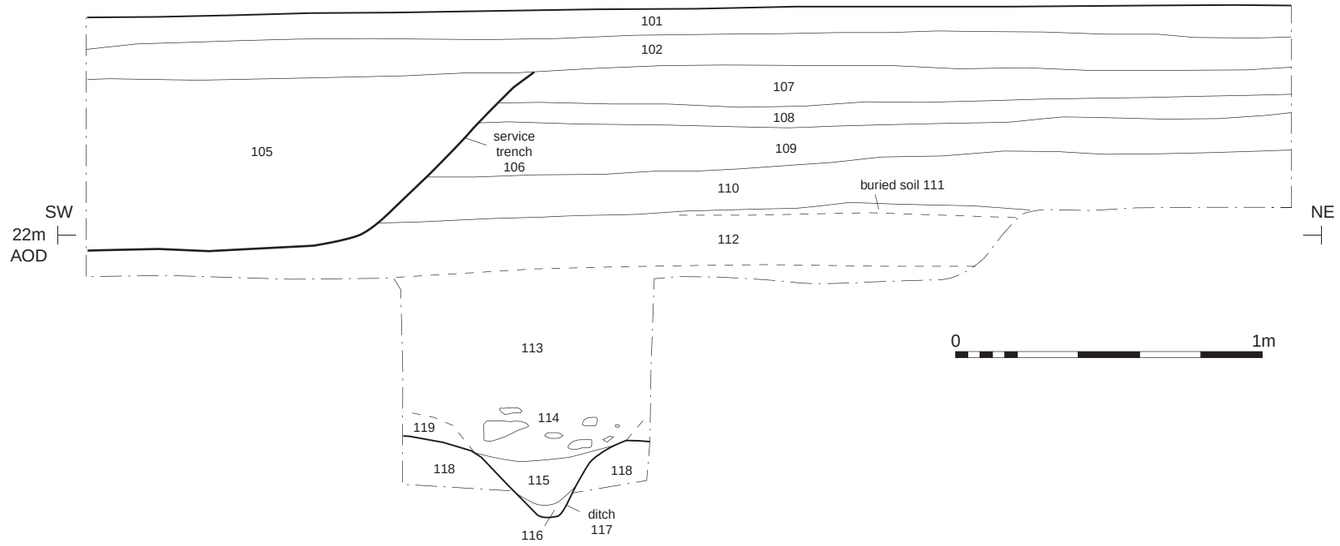
FIGURE TITLE
The site, showing location of trenches

PROJECT NO.	4535	DATE	02-01-2014	FIGURE NO.
DRAWN BY	JB	REVISION	00	2
APPROVED BY	LM	SCALE@A3	1:750 & 1:200 (inset)	

P:\4535 Mount Pleasant, Conwy\WP\Illustration\Drafts\4535 Mount Pleasant Gas Main Fig 2.dwg

Trench 1, section AA



South-east facing section of Trench 1 (scale 1m)

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South-east facing section of Trench 1 and photograph

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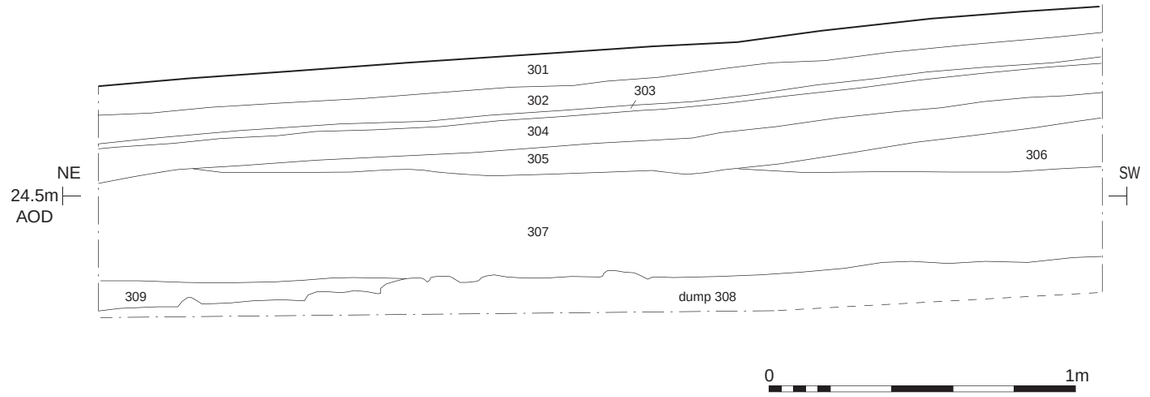
Trench 3, section BB



North-west facing section of Trench 3 (scale 1m)

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North-west facing section of Trench 3 and photograph

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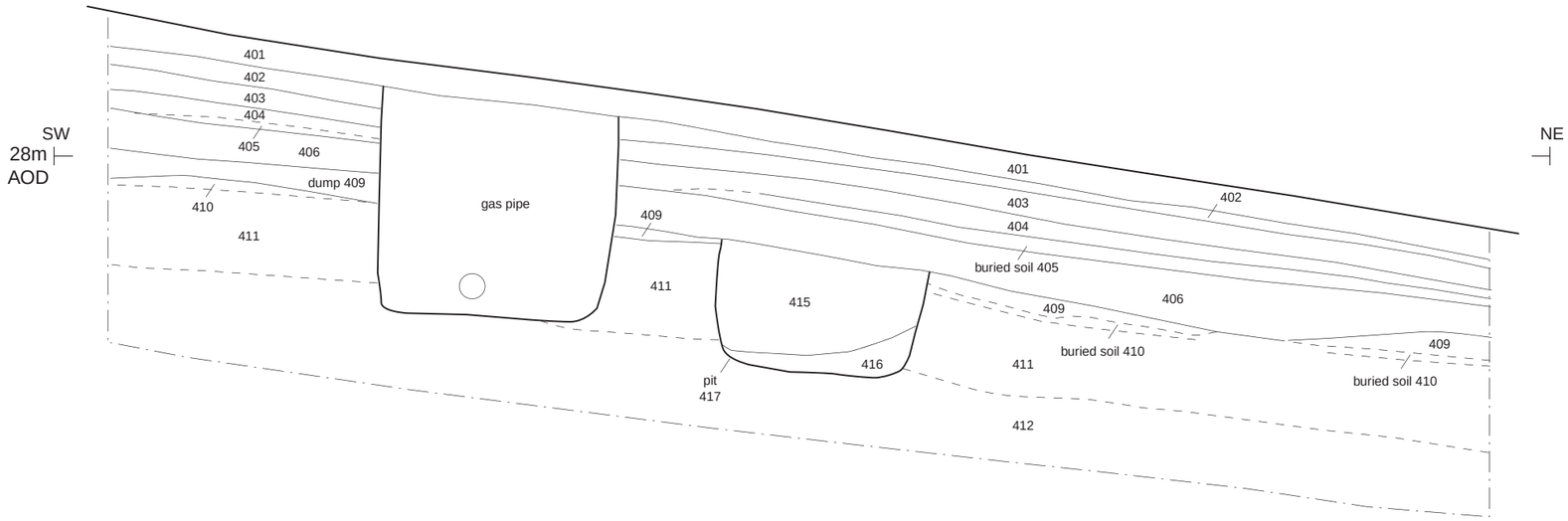
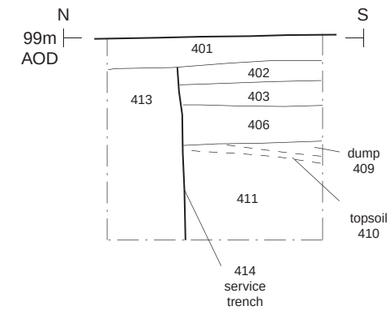
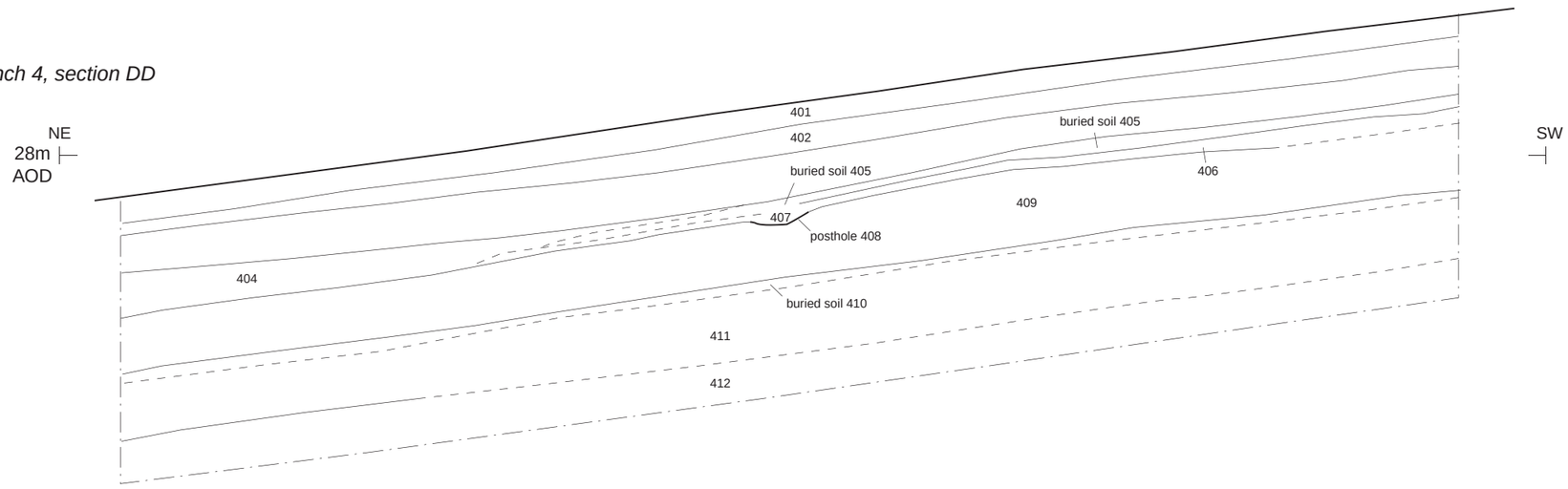
Trench 4, section CC



Trench 4, section EE



Trench 4, section DD



South-east facing section of Trench 4 (scale 2m)

South-west facing section of Trench 4 (scale 2m)

0 1m

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FIGURE TITLE

Trench 4: sections and photographs

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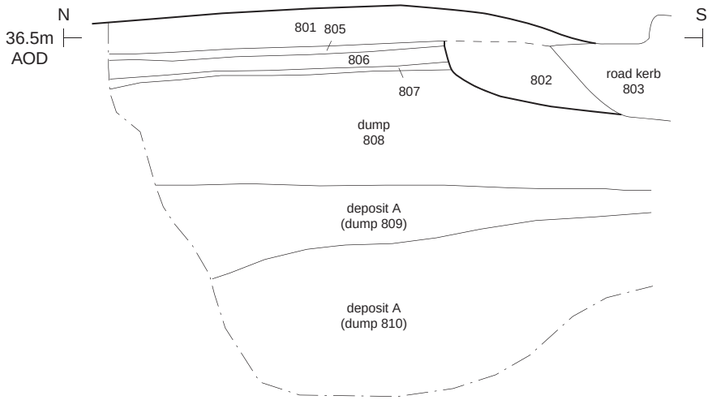
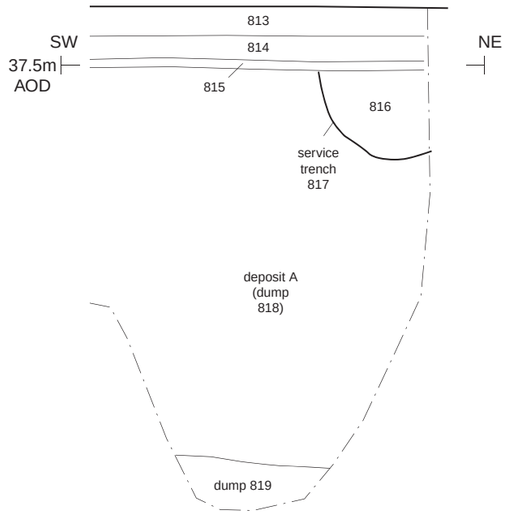
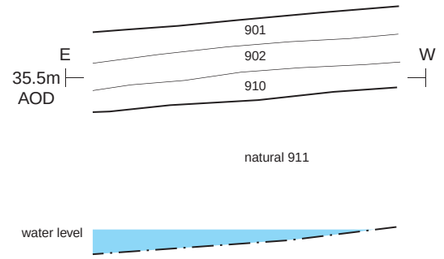
Trench 8, section FF



Trench 8, section GG



Trench 9, section HH



North-east facing section (FF) within Trench 8, north of watch tower (scale 1m)

North facing section (HH) of Trench 9 within Sychant Pass Road (scale 1m)

0 1m

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FIGURE TITLE

Trenches 8 and 9: sections and photographs

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