

Archaeological Observation

Leominster Water Network Scheme:

Midsummer Meadows

Laing O'Rourke for Dwr Cymru/Welsh Water

NGR: SO 496 590

SMR No: 44439

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1. Non-Technical Summary

Archaeological observation of groundworks forming part of the Midsummer Meadows Leominster mains refurbishment scheme took place between 4th July 2005 and 21st September 2006. Excavations ceased on 30th September 2005 for engineering reasons and resumed on 24th November 2005.

Revealed during this programme of observation were:

1/ A post-medieval brick drain with sandstone capping stones located in Green Lane, a road of probable medieval origin running east-west from New Street to Pierrepont Road and Ginhall Lane. The drain was found at the junction of Green Lane and New Street and was probably associated with several 17th and 18th century properties situated on the south side of Green Lane.

2/ A covered drainage channel possibly associated with road improvements carried out in the 18th or early 19th century. This feature lay beneath the modern road surface at the junction of Green Lane, Oldfields Close and Townsend Court and was of coursed sandstone construction with sandstone capping stones, although it had been badly damaged on its southern side during the laying of the original water main. Road improvements at this time would have been carried out under the auspices of private companies, who obtained parliamentary authority to set up gates where tolls were collected from road users; a toll gate, one of six in Leominster, was situated at the eastern end of Green Lane, close to its junction with New Street, and is shown on an 1832 plan of Leominster. In addition to this channel, a pit excavated nearby at the junction of Green Lane and Thomas Court revealed two large unworked sandstone blocks at a depth of c.0.5m; these may again have been associated with road improvement works.

3/ A brick culvert revealed in a pit located off Worcester Road, which may well have been associated with the construction of the Shrewsbury & Hereford Railway in the 1850s.

4/ A pit containing animal bone and horncores, probably representing waste either from tanning or butchery. This pit was located at Cheaton Close in an area of Leominster known as The Marsh and several individuals are listed as being engaged in tanning or related industries in this part of Leominster during the mid 19th century. These include a tanner named John Caswell Davies of Lower Marsh and Joseph Coleman, a leather-dresser, who occupied premises in Middle Marsh.

The majority of deposits revealed during the engineering works had been disturbed by previous utility activity; however, the archaeological observation programme confirmed that no structures, features or deposits of archaeological significance were damaged during the course of the engineering works.



1.1 Referencing Data Summary

Laing O'Rourke / DCWW Scheme / Works No: E121 Midsummer Meadows
Leominster

Herefordshire Archaeology correspondence: Ref: 2004/LAING/105

Laing O'Rourke / DCWW Map Nos: E121/02-04

2. Introduction

This report details the archaeological observation (commonly known as a watching brief) programme undertaken by Border Archaeology for Laing O'Rourke, on behalf of Dŵr Cymru / Welsh Water (DCWW) in the town of Leominster, these works comprising the Midsummer Meadows Leominster Water Mains Refurbishment Scheme (DCWW Scheme Ref. E121) Phases 1 & 2. The areas in which this programme of observation was undertaken correspond to Scheme Maps E121/02-04 as supplied by Laing O'Rourke.

Herefordshire Council advised on 6th September 2004, that an archaeological watching brief be carried out as the mains refurbishment route lay within the central area of Leominster, defined as a historic town of high archaeological potential (Ref. 2004/LAING/105)

The groundworks formed part of DCWW's refurbishment programme, the exact locations of which being determined by engineering considerations, archaeological observation being required in order to observe the excavation of access pits and to record as appropriate any remains, features and finds wherever located within the working area, thus providing a formal measure of the impact of the engineering works (whether positive or negative).

This report was completed in November 2006 after confirmation that no return to the area for water quality assurance reasons was envisaged. Copies will be submitted to DCWW, Laing O'Rourke, Herefordshire Council and the county Sites and Monuments Record.

2.1 Soil Characteristics and Geology

The Soil Survey of England and Wales (1983) classifies the town centre of Leominster relating to this scheme, as comprising of three soil associations.

The majority of the town centre comprises typical argillic brown earths of the ESCRICK 1 series (571p), consisting of deep well drained reddish coarse loamy soil, some similar soils with slowly permeable subsoils & slight seasonal waterlogging and some slowly permeable seasonally waterlogged reddish fine silty soils. The underlying geology is reddish till.

A further small area of typical argillic brown earths is located to the W of the town. These are soils of the BROMYARD series (571b), consisting of well drained reddish fine silty soil over shale and siltstone, some similar soils with slowly permeable subsoils and slight seasonal waterlogging and some well drained coarse loamy soils over sandstone. The underlying geology comprises Devonian reddish silty shale, siltstone and sandstone.

An area of typical brown alluvial soils of the LUGWARDINE series (561d) lies to the E of the town, consisting of deep stoneless permeable reddish fine silty soil, with similar coarse silty soils locally, associated with fine silty soils variably affected by groundwater. The geology within this area is a reddish river alluvium.

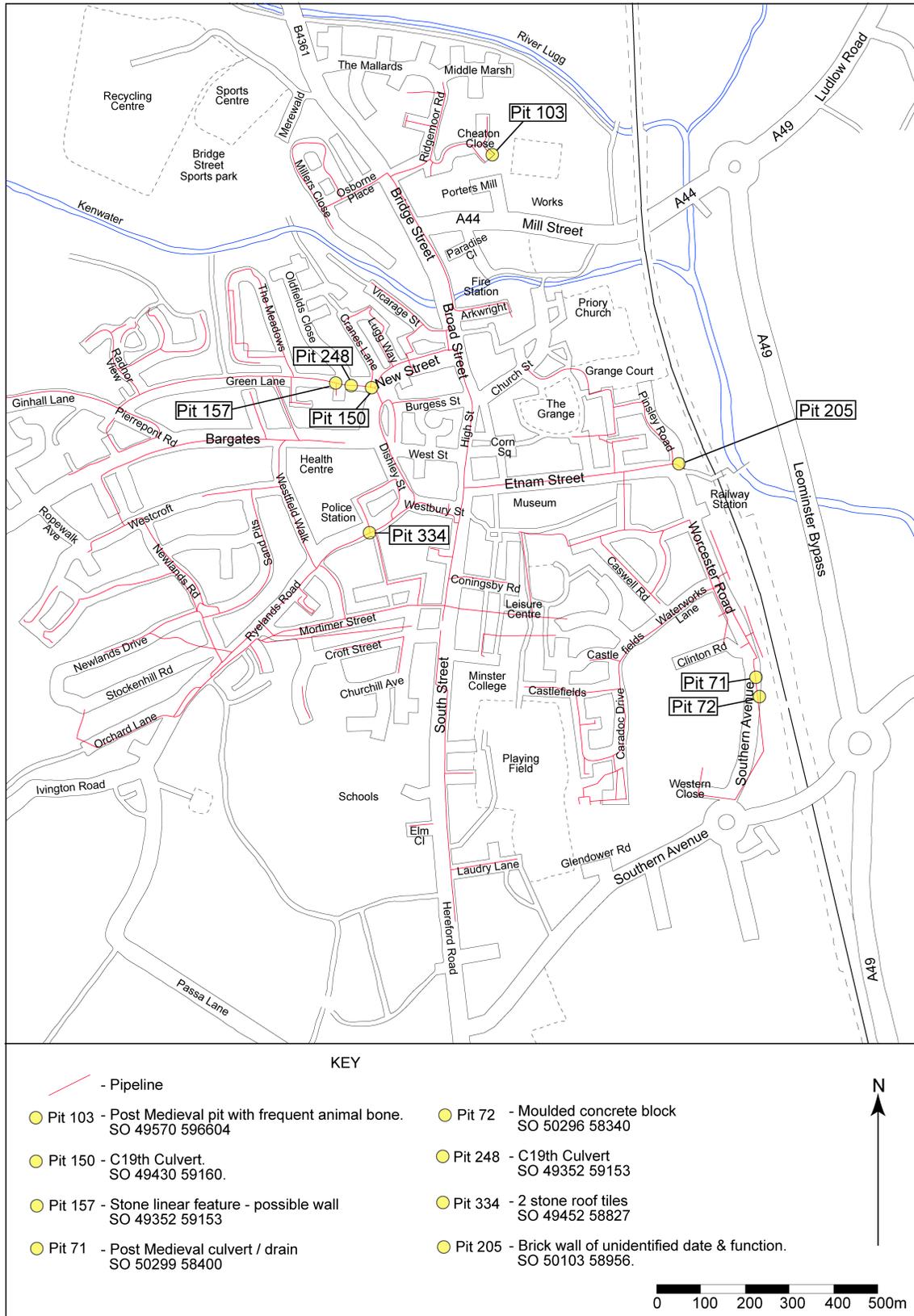


Fig. 1: Plan showing location of features found during the archaeological observation of groundworks

3. Historical & Archaeological Background

The place-name evidence for Leominster suggests a derivation from the Welsh *Llanllieni* meaning 'church in the district of streams' (Coplestone-Crow 1989). In its modern form, the first element of Leominster may derive from *leen* or *lene*, meaning 'valley of the Lugg', this element itself deriving from the old Welsh *lian* or *lion* meaning 'to flow' (Perry 2002, 32; Reeves 1973). The *-minster* element of the place-name is from the Latin *monasterium* and is applied to a wide variety of ecclesiastical settlements. The earliest record of the modern derivation of Leominster occurs around 1046 when it is recorded as *Leomynstre*. Later, in the 13th century, it is referred to as *Leominstrie*, *Leomenstre* and *Leomen*. It was until after the 16th century that the present spelling came into use (Coplestone-Crow 1989).

Evidence for early settlement in the Leominster area is rather tenuous; a cremation burial within a barrow was reportedly excavated in the 18th century near the W end of Burgess Street (Williams 1808, 193) and some evidence of Roman settlement was identified during the early 1960s, including a Roman mosaic at the rear of No. 28 Burgess Street (SMR No. 8912; Stansfeld 1974) and a samian bowl found in sewage trenching to the E of Bridge Street, described as the first recorded Roman pottery from the town (SMR No. 24493; Stanford 1962, 231).

Leominster is said to have its origins in the 6th century with the founding of a church by St David, although there is little archaeological or historical evidence to support this claim (Buteux 1996). Around 660 a religious house was founded by Merewalh, king of the sub-kingdom of Magonsaetan (Hill 1987); at this time, a small monastic settlement probably grew around the church, which may have served as the ecclesiastical centre before the see of Hereford was founded in the later 7th century. However, there is little or no evidence to support any secular settlement during the Anglo-Saxon period.

It is generally presumed that the existing street plan postdates the re-foundation of the pre-Conquest monastery at Leominster (the origin of which dates to the 9th century, the building and its dedication being dissolved in 1046) as a dependent house of Reading Abbey by Henry I in 1123. The late Norman aisled nave was constructed 1123-30; further remains, also constructed during this period, lie below ground to the E of the main building. The Forbury Chapel (SMR No. 724) was founded in 1282 and was built inside the priory precincts; the building has served a variety of uses during recent years (Tonkin 1971, 265).

The street plan of the medieval urban settlement (SMR No. 19582; Buteux 1994, 8) is clearly traceable on historic and modern maps and consists of two main elements: the Priory precinct, the southern edge of which is preserved by the boundary bank running along the modern Grange Walk to the N of Etnam Street, and the Market Place which was the focus of the medieval street system, its centre being at the Buttercross, opposite the gate to the Priory. By 1393, Burgess Lane (Street), Church Street, Cronelle Lane, Dishley Street, Etnam Street, High Street, Mappenor Lane, New Street, Pyne Furdling Lane, South Street, The Marsh and Vicarage Street formed part of a burgage list and rent values (Price 1795, 270). One must assume that burgage plots were also accompanied by properties.

In 1170, Henry II granted Leominster its first fair and this act implies Leominster's first move towards urbanisation. Following an attack by William de Braose in 1207, in a rebellion against King John, the settlement may have been relocated from an area around Bridge Street to its present site (Blount 1677-8); however, Wills (1981) suggests that the town nucleus never moved from its present position, although it should be noted that many houses along Bridge Street date from the late 13th/14th century (RCHME 1934). The street layout developed further with the expansion of the town, fostered by the Abbots of Reading, as an important regional centre for the wool trade during the 13th and early 14th century (Buteux 1994, 8; Willis 1981, 19).

After acquiring legal status as a borough in 1221, Leominster became commercially more successful, holding a weekly market. During the 13th and 14th centuries, the town became a potential target of sporadic raiding by the Welsh but at the same time expanded its commercial influence. Within the same period, the Marches generally suffered a slowly deteriorating climate, as well as a succession of plagues and blights, resulting in a dramatic fall in agricultural production. The period of economic decline was followed by improved economic conditions and Leominster flourished as a sheep centre during the 15th century. In addition, eight trade guilds were founded (including bakers, butchers, shoemakers, glovers, mercers, tailors, tanners and walkers) (Buteux 1996, 3). Population during the early post-medieval period grew from 2400 to 3000 by 1650 (Wills 1981, 15) and, although there was a decline in the wool industry, the town flourished for the next 300 years.

During the 1800s made Leominster more prosperous than Hereford and was described as a 'large, handsome and populous town trading considerably in wool, fine wheat, flax, gloves, leather hats etc.; as a great thoroughfare between South Wales and London and as a venue for fairs noted for horses, black cattle etc.' (Reeves 1973,112). Steam power became increasingly important, especially with the opening of the Shrewsbury to Hereford railway line and Leominster's first railway station in 1853. By the early 19th century, industry in the town had declined and Leominster was in a state of decay. The town lacked cheap coal and easy communication with the new centres of population; however, Leominster retained its function as a market for agricultural produce.

Concerning the archaeological evidence for medieval occupation of the town, an evaluation and small excavation was undertaken in Burgess Street (NGR SO4960 5910), near the site of the Buttercross between 1990 and 1993 (HWCM 7044; Woodiwiss 1990). The evaluation site, located at the eastern end of Burgess Street, was originally the site of the Town Hall, built in 1855. This building was demolished in 1974. Finds from this evaluation included 13th and 15th century unglazed Malvernian ware, Malvern Chase ware (14th and 15th centuries), micaceous glazed wares (13th to 15th centuries) and local wares (dating from the same period). These finds were contained within various pits. Post-medieval deposits consisted of a series of mortared walls and floors covered by rubble and cut by modern drainage (Woodiwiss 1990, 4). The walls probably date prior to 1853 and the initial construction of the Town Hall. The pottery finds from this evaluation are similar to other pottery found within other areas of archaeological assessment in the town suggesting the medieval fabric of Leominster was indeed spatially extensive and complex. Similar deposits were found at the Greyhound Inn (Napthan 1993), 5 Broad Street (Brown 1993) and Bargates (Napthan et al 1994). At the Hop Pole Inn waterlogged deposits associated with tanning and possibly bone working were found (Buteux et al 1994). The Town Ditch has been identified in a

number of locations, the latest being a ditch section revealed during investigations carried out at Waverley House (Border Archaeology 2006).

In addition to structures and artefacts found during the investigations listed above, archaeological evidence for post-medieval occupation in Leominster includes malting kilns in Etnam Street (SMR No. 16268) and tanning pits on Bridge Street (SMR No. 19620). The town has a number of listed buildings of 16th (11), 17th (43) and 18th century (81) date; there are also many 17th century buildings that have not been listed (RCHME 1934).

4. Methodology

4.1 Engineering methodology

The engineering method was principally relining & pipe bursting involving the excavation of access pits at locations throughout the town.

4.2 Archaeological methodology

Archaeological observation was carried out in accordance with the Institute of Field Archaeologists' *Standard and Guidance for an archaeological watching brief* (1994, revised 2001), its revised *Code of conduct* (2002) and the revised *Code of approved practice for the regulation of contractual arrangements in field archaeology* (2002).

All ground-disturbing works within the designated areas were observed to the requisite engineering depth, with all spoil being thoroughly scanned for artefacts. Where archaeological structures, features or deposits were identified, the area was cleaned and the need for further investigation and recording assessed. Any further investigative work was undertaken in accordance with the appropriate IFA Standard and Guidance. Primary and secondary documentary sources (where applicable) were used to assess the historic importance of the remains.

Full written, graphic and photographic records were made using *pro forma* record forms and sheets, these being in accordance with Border Archaeology's Field Recording Manual. The written record comprised completed record forms containing scheme / site name & descriptive location, date of observation, NGR for observation point / pit, description, dimensions of pit and assessment of archaeology. Additional information, such as a sketch plan marking the approximate location of pits, also formed part of the written record, where applicable.

Plans and sections of archaeological features were produced at a scale of 1:20 and a photographic record was made using a 10.3MPX digital camera.

Any artefacts recovered, other than finds of secure modern date (the presence of which were noted), were retained, cleaned, labelled and stored according to the Institute of Field Archaeologists' *Standard and Guidance for the collection, documentation, conservation and research of archaeological materials* (IFA 2001) and *First Aid for Finds* (Watkinson & Neal 2001).

5. Archaeological Observation

5.1 Table of Results

The results of the Archaeological Observation are presented below in tabular form. Negative findings are recorded in the results column as 'No Archaeology Identified' (NAI). Where archaeological remains are found but deemed insignificant according to the criteria below, the table entry is highlighted in grey and 'No Significant Archaeology' (NSA) recorded under results. Significant findings are highlighted in blue and a brief description given in the results column, with a more detailed discussion provided in the section 5.2.

For the purposes of this report, significant archaeology is defined as that which is likely to contribute to archaeological knowledge within a local, regional, national or international context. Generally, unstratified remains or commonly occurring remains of recent origin are not considered archaeologically significant; however, it is recognised that unstratified items or remains may be of high intrinsic value, in which case these will be retained.

Areas where the archaeological observation did not locate finds or features of significance are given limited stratigraphic relationship descriptions within the table. Further information regarding areas where no archaeology was located will be retained in the site archive.

Date	Location	Grid ref/pit or section no.	Description	Results
4/7/05	Caradoc Drive, next to post box	SO 49869 58455 Pit 1	Tarmac >> tarmac sub-base, gravel & chippings >> moderately compacted light yellow silty clay with occasional brick rubble (<10%) >> moderately compacted grey silty clay with moderate gravel	NAI
4/7/05	No. 97 Caradoc Drive	SO 49877 58386 Pit 2	Tarmac >> tarmac sub-base, gravel >> compact orangey-brown silty clay >> moderately compacted light greyish-brown silty clay with moderate inclusions of gravel & stone (subangular) (15%)	NAI
4/7/05	No. 89 Caradoc Drive	SO 49936 58515 Pit 3	Tarmac >> compact reddish-orange clay >> frequent river gravels within orange silt >> greyish-brown silty clay & river gravels	NAI
4/7/05	No. 79 Caradoc Drive	SO 49896 58312 Pit 4	Tarmac surface >> tarmac sub-base gravel >> reddish-orange clay with frequent inclusions of river gravels (30%), moderately compacted.	NAI

5/7/05	No. 65 Caradoc Drive	SO 49894 58284 Pit 5	Tarmac >> light brown silty clay sub-base, large angular stone inclusions (10%), moderately compacted >> compact orangey-brown silty clay with occasional brick and frequent river gravels (20%), redeposited.	NAI
5/7/05	No. 33 Caradoc Drive	SO 49909 58309 Pit 6	Tarmac >> orangey-red clay, with frequent brick inclusions (>35%), moderate compaction >> compact yellow silty clay with lenses of mid grey silty clay >> compact light yellow clay	NAI
6/7/05	Corner of Caradoc Drive, No. 51, leading to Silurian Close	SO 49963 58308 Pit 7	Tarmac >> friable pinkish-orange silty sand sub-base >> friable black silt & ash with frequent roots >> yellow silt & moderate gravel, moderate compaction >> compact light brownish-yellow silty clay with occasional large rounded stones (20%) >> grey silty clay with frequent gravel	NAI
07/07/05	No. 39 Caradoc Drive	SO 49968 58315 Pit 8	Tarmac pavement surface >> stone & gravel sub-base >> compact orangey-brown silty clay with frequent inclusions of river gravels & occasional brick (20%), redeposited.	NAI
8/7/05	No. 3 Caradoc Drive, next to Castlefields Junction	SO 49958 58471 Pit 9	Concrete / tarmac surface >> grey stone & gravel sub-base >> orange coarse sand, moderate compaction >> compact dark brown silty clay with moderate small rounded stones (25%) >> light brown silty clay with frequent concrete, brick and stone rubble inclusions (20%), moderate compaction >> compact yellowish-brown clay with occasional stone inclusions (<15%)	NAI
11/7/05	Silurian Close, outside NE corner of No. 17 on pavement	SO 49971 58221 Pit 10	Tarmac road >> tarmac sub-base >> sub-base / compact hardcore of C20 brick fragments / stone / tarmac pieces >> loose gravel fill (over duct) >> yellowish-grey silty clay with <10% small rounded stones, moderately compacted, redeposited >> soft reddish-orange clayey sand (80% sand), redeposited >> light brownish-grey silty clay loam, with 20% small angular & subangular stones, moderately compacted, redeposited >> cut for electricity cabling >> grey silty clay & stone fill of cut	NAI

11/7/05	Silurian Close, outside No. 21, at N corner of garden on pavement	SO 49110 58226 Pit 11	Tarmac road surface >> tarmac sub-base >> compact hardcore of small angular & subangular stone / brick fragments / tile fragments >> pink stone & gravel (covering hidden gas service piping) >> soft yellowish-grey silty clay with 20% small angular and subangular stone inclusions >> coarse red sand (fill above gas service piping) >> bluish-grey silty clay loam (staining or leakage into deposit).	NAI
13/7/05	No. 18 Silurian Close, on pavement	SO 49950 58222 Pit 12	Tarmac pavement surface >> sub-base >> firm mid brown silty clay with frequent small & medium rounded stones >> brick course present only in S-facing section >> firm dark brown clay to base of trench	NAI
13/7/05	No. 20 Silurian Close, end of pavement	SO 49918 58200 Pit 13	Tarmac pavement surface >> sub-base >> soft mid brown clay with frequent small & medium subangular stones to base of trench (>30%)	NAI
13/7/05	No. 2 Silurian Close, in pavement	SO 49968 58283 Pit 14	Tarmac pavement surface >> sub-base >> soft mid brown silty clay with frequent medium & large subangular stones to base of trench (>25%)	NAI
14/7/05	No.21 Silurian Close, extension to existing pit	SO 49907 58223 Pit 15	Tarmac pavement surface >> sub-base >> firm mid brown silty clay with frequent small & medium rounded stones >> red sand >> firm mid brown clay to pit base	NAI
19/7/05	No. 33 Castlefields	SO 49860 58460 Pit 16	Tarmac >> aggregate sub-base >> firm greyish-brown silty clay with small angular stones	NAI
20/7/05	No. 49 Castlefields	SO 49771 58463 Pit 17	Tarmac pavement >> compact sub-base of grit & modern chippings >> loose brownish-black sandy silt with frequent modern grit (10%), organic material present	NAI
20/7/05	Waterworks Lane, junction with Castlefields, No. 3	SO 49970 58536 Pit 18	Tarmac pavement >> loose modern grey aggregate stone & sand (10%).	NAI
20/7/05	No. 23 Castlefields	SO 49913 58458 Pit 19	Tarmac pavement >> tarmac and thin grit sub-base layer >> soft brownish-grey sandy silt, occasional small angular stones	NAI
20/7/05	No. 35 Castlefields	SO 49839 58460 Pit 20	Tarmac pavement >> tarmac and thin grit sub-base layer >> soft brown sandy clay with moderate small angular stones	NAI

21/7/05	Waterworks Lane, junction with Castlefields, No. 5	SO 49975 58514 Pit 21	Tarmac >> blackish-orange layer of grit sub-base >> mid brown compact sandy clay, occasional charcoal	NAI
22/7/05	No. 51 Castlefields	SO 49765 58466 Pit 22	Tarmac pavement >> grey aggregate sub-base gravel >> black tar & grit deposit, loosely compacted >> mid brown sandy clay & occasional small stones with modern brick fragments (20%)	NAI
25/7/05	Opposite No. 1 Waterworks Lane	SO 50144 58675 Pit 23	Tarmac pavement >> dark grey aggregate gravel sub-base >> dark brownish-black moderately compact grit/sandy mix (40/60%), occasional modern CBM	NAI
25/7/05	Waterworks Lane, 10m E of junction with Caswell Road	SO 50094 58632 Pit 24	Tarmac pavement >> loose gravel sub-base >> brown sandy clay with occasional small stones, moderate compaction	NAI
26/7/05	No. 53 Castlefields	SO 49759 58471 Pit 25	Tarmac >> loose red brick sub-base >> firm greyish-brown clay	NAI
27/7/05	Castlefields, outside factory gates	SO 50088 58638 Pit 26	Tarmac >> aggregate with frequent small stones >> dark red clay, moderate compaction >> firm dark brown clay	NAI
27/7/05	Castlefields, outside factory gates	SO50087 58630 Pit 27	Tarmac >> aggregate sub-base >> dark grey clay, moderately compacted.	NAI
27/7/05	No. 19 Castlefields	SO 50033 58681 Pit 28	Dark brown topsoil with root inclusions >> yellowish-brown sandy clay.	NAI
27/7/05	No. 58 Caswell Road	SO 50073 58725 Pit 29	Tarmac >> aggregate sub-base >> dark grey clay, moderately compacted.	NAI
28/7/05	No. 27 Castlefields	SO 49910 58457 Pit 30	Tarmac road surface >> compact black tar with frequent stone inclusions (15%) >> loose light brown clay with occasional CBM (10%)	NAI
28/7/05	No. 11 Caradoc Drive	SO 49997 58447 Pit 31	Tarmac >> firm red silty clay sub-base, with occasional red brick inclusions (<15%) >> firm light yellowish-brown clay	NAI
28/7/05	No.35 Caradoc Drive	SO 49967 58333 Pit 32	Tarmac >> orange gravel sub-base >> firm dark grey clay with occasional brick inclusions (15%)	NAI
29/07/05	Caswell Road Junction	SO 50075 58635 Pit 33	Organic topsoil >> firm mid brownish-yellow clay	NAI
01/08/05	No. 42 Caswell Road	SO 50077 58660 Pit 34	Dark brown topsoil >> friable yellow / light brown silty clay	NAI
01/08/05	St Oswalds, Caswell Terrace	SO 49927 58807 Pit 35	Firm dark brown silty clay >> firm orange silty clay with frequent stones, brick & gravel (40%), redeposited.	NAI

01/08/05	No. 6 Caswell Road	SO 49963 58784 Pit 36	Tarmac >> tarmac sub-base >> firm light brown clay >> compact mid orange silty clay with frequent large rounded river gravel, redeposited.	NAI
02/08/05	No. 16 Caswell Terrace	SO 49859 58768 Pit 37	Tarmac >>tarmac sub-base >> firm pinkish-orange clay with small rounded gravel >> dark brown silty topsoil >> firm light brown silty clay, redeposited.	NAI
02/08/05	No. 32 Caswell Road	SO 50050 58680 Pit 38	Tarmac >> tarmac sub-base >> orangey-brown silty clay with lenses of mid grey clay, moderately compacted.	NAI
02/08/05	No 18 Caswell Crescent	SO 49995 58887 Pit 39	Tarmac >> firm grey silty clay, gravel sub-base with occasional brick fragments >> orange silty clay with frequent large rounded river gravels, moderate compaction.	NAI
02/08/05	No. 13 Caswell Crescent	SO 49981 58834 Pit 40	Tarmac >> grey gravel tarmac sub-base with occasional brick fragments, redeposited >> firm light greyish-brown silty clay with occasional small stones & brick inclusions (<15%)	NAI
03/08/05	No. 1 Caswell Crescent	SO 49969 58878 Pit 41	Tarmac >> black silty clay with frequent ash (80%) & occasional brick fragments (<20%), moderate compaction >> firm mid brown silty clay with moderate inclusions of small rounded grey pebbles (30%) >> light brownish-orange silty clay with moderate inclusions of medium angular stones (25%), moderate compaction.	NAI
03/08/05	Sydonia Recreation Ground	SO 49860 58786 Pit 42	Tarmac >> tarmac sub-base, black gravel with frequent brick fragments (60%) >> sandy clay with moderate inclusions of small rounded limestone fragments (45%), moderate compaction >> friable orange gravel, redeposited.	NAI
03/08/05	No. 72 Caswell Road	SO 50105 58795 Pit 43	Tarmac >> tarmac sub-base >> mid orange / light brown silty clay, moderate compaction >> tree root bole	NAI
04/08/05	Sydonia Recreation Ground, NE corner	SO 49833 58806 Pit 44	Friable dark brownish-grey silt topsoil with frequent small rounded stone inclusions (45%) >> mid orange / light brown silty clay with occasional small angular limestone fragments, moderately compacted, redeposited >> firm orangey-red clay with frequent purple sandstone fragments (60%)	NAI

04/08/05	Sydonia Recreation Ground, near alleyway NW corner	SO 49761 58807 Pit 45	Organic topsoil, dark brown silty clay with frequent small rounded stones (55%) >> firm mid orange / light brown clay with occasional small rounded stones (<30%) >> light brown silty clay with frequent large angular stone (50%), moderately compacted >> firm red clay with occasional large angular sandstone (<30%)	NAI
04/08/05	Crantock, Caswell Terrace	SO 49902 58840 Pit 46	Tarmac >> tarmac & gravel sub-base >> orange / light brown silty clay with occasional small rounded stones (<30%).	NAI
4/8/05	No. 18 Caswell Terrace	SO 49872 58781 Pit 47	Tarmac >> concrete sub-base >> firm light orangey-brown silty clay, frequent river gravels (70%)	NAI
5/8/05	Triangular junction on Caswell Road, near Castlefields Road	SO 50032 58657 Pit 48	Organic topsoil with root inclusions >> light brownish-yellow silty clay with occasional small rounded stones (10%), moderate compaction.	NAI
08/08/05	Sydonia Recreation Ground, in park E side	SO 49854 58791 Pit 49	Organic topsoil >> concrete block >> firm orangey-brown silty clay, with occasional CBM inclusions (25%), redeposited.	NAI
08/08/05	No. 7 Waterworks Lane	SO 50156 58625 Pit 50	Tarmac >> black silty sand sub-base with frequent CBM (65%) >> dark brown silty sand sub-base with frequent large stones (70%) >> firm reddish-brown silty clay >> friable yellow / light grey sandy silt	NAI
09/08/05	Waterworks Lane, 15m from T-junction off Worcester Road	SO 50178 58701 Pit 51	Tarmac & sub-base >> friable reddish-brown silty clay with frequent CBM (65%) & stone inclusions >> yellow / light grey sandy clay with small stone inclusions (35%), moderate compaction.	NAI
09/08/05	Caswell Terrace in playing fields	SO 49835 58822 Pit 52	Organic topsoil >> firm orangey-brown silty clay with occasional CBM (25%)	NAI
09/08/05	No. 27 Caswell Crescent	SO 50068 58796 Pit 53	Tarmac >> tarmac & stone / gravel sub-base >> firm orangey-brown silty clay	NAI
10/08/05	No. 25 Caswell Crescent	SO 50026 58813 Pit 54	Tarmac >> tarmac & stone /gravel sub-base with occasional CBM (15%) >> firm greyish-brown clayey silt	NAI

11/08/05	Clinton Road Industrial Estate	SO 50080 58466 Pit 55	Organic topsoil >> concrete block in E-facing section >> friable mid brown silty clay loam with occasional small stones (20%) >> compact stone & gravel deposit in N- & E-facing section only >> mid firm brown clayey silt	NAI
11/08/05	Clinton Road Industrial Estate, car park	SO 50039 58345 Pit 56	Tarmac >> compact grey stone & gravel sub-base >> firm yellow / grey / light brown silty clay	NAI
15/08/05	Clinton Road Industrial Estate, outside MM Sports	SO 50076 58495 Pit 57	Tarmac >> compact stone & gravel aggregate sub-base >> bluish-green clay, moderate compaction	NAI
15/08/05	Clinton Road Industrial Estate	SO 50103 58503 Pit 58	Tarmac (footpath) >> compact stone & gravel aggregate sub-base, no inclusions >> firm yellow / dark brown sandy clay	NAI
16/08/05	Leofric House, Coningsby Road / Eaton Close	SO 49686 58690 Pit 59	Tarmac (road surface) >> compact stone & gravel sub-base with frequent CBM inclusions (15%) >> firm dark brown clay with occasional large sandstone fragments (5%)	NAI
16/08/05	Eaton Close, rear of No. 15	SO 49703 58827 Pit 60	Tarmac (footpath) >> compact stone & gravel aggregate sub-base, frequent CBM inclusions (10%) >> firm reddish-brown clay, occasional stone inclusions (10%)	NAI
16/08/05	Eaton Close, rear of No. 12	SO 49740 58822 Pit 61	Tarmac (footpath) >> compact stone & gravel sub-base, occasional CBM inclusions (<15%) >> firm reddish-brown clay, occasional large sandstone	NAI
16/08/05	Eaton Close	SO 49748 58816 Pit 62	Concrete surface for path >> soft sub-base material >> mid red clay with occasional stone inclusions (5%), moderate compaction.	NAI
17/08/05	Eaton Close, edge of park and alleyway	SO 49718 58816 Pit 63	Tarmac (footpath) >> concrete block / hedge >> compact pink gravel sub-base to path >> mid friable mid brown silty clay, occasional small stone inclusions (<10%) >> friable light / mid brown silty clay loam, frequent small stone inclusions (35%) >> firm mid brown silty clay loam, frequent small stone inclusions	NAI
18/08/05	Outside No. 4, Leofric House	SO 49683 58698 Pit 64	Tarmac (footpath) >> compact stone & gravel aggregate sub-base >> firm mid orangey-brown clay with occasional small stone inclusions (10%)	NAI
22/08/05	Opposite Waterworks Lane	SO 50211 58639 Pit 65	Tarmac (footpath) >> indurated concrete sub-base >> mid reddish-brown clay, moderate compaction	NAI

22/08/05	Worcester Road, opposite BPI Plastics factory entrance	SO 50205 58644 Pit 66	Tarmac (footpath) >> compact stone & gravel sub-base >> firm pink / reddish clay with occasional stone inclusions	NAI
22/08/05	Worcester Road, opposite Robson Weston furniture shop	SO 50287 58578 Pit 67	Tarmac (footpath) >> tarmac sub-base >> original tarmac surface >> compact stone & gravel aggregate sub-base >> firm dark brownish-red clay	NAI
24/08/05	Old Worcester Road, over railway line	SO 50311 58444 Pit 68	Fill for mains pipe (recently excavated) >> concrete water hydrant chamber >> tarmac & gravel footpath >> tarmac road surface >> tarmac & stone sub-base for road >> firm orangey-brown silty clay with frequent small stones	NAI
24/08/05	Worcester Road, on footpath, end of Clinton Road	SO 50264 58555 Pit 69	Concrete block >> tarmac pavement >> gritty sandy silt fill of cut for electricity cable >> surface of earlier tarmac pavement >> sub-base for pavement >> firm dark brown sandy silt, redeposited.	NAI
25/08/05	Outside No. 31 Caswell Crescent	SO 50100 58791 Pit 70	Tarmac road surface >> tarmac & stone sub-base >> firm dark greyish-brown, clayey silt (redeposited).	NAI
26/08/05	Off Worcester Road, near railway line, under old Worcester Road bridge	SO 50299 58400 Pit 71	Organic topsoil >> black ash layer (E-facing section only) >> brick coursing >> compact stone & gravel >> cut for main, loose brown sandy clay, recently excavated (S-facing section only) >> mid brown clayey silt, frequent CBM inclusions (20%), moderate compaction (E-facing section only) >> top of post-medieval culvert / drain, red brick >> friable mid brown silty clay (N-, W- & S-facing sections).	See Section 5.2 Post-medieval brick culvert in E-facing section, possibly associated with construction of the Hereford & Shrewsbury railway.
30/08/05	Off Worcester Road, near railway line, outside Automotive Packaging Services	SO 50296 58340 Pit 72	Brick hydrant chamber (E-facing section) >> organic topsoil >> dark brown silty clay fill for main >> loose dark brown silty clay, very frequent CBM & glass inclusions (60%), redeposited >> firm light greyish-brown clayey silt.	NAI - Round moulded concrete block stamped '720' on (upper?) face. Possible drain cover
30/08/05	Worcester Road, opposite MM Sports Factory Shop entrance	SO 50276 58299 Pit 73	Tarmac (road & pavement) >> fill of main, dark greyish-brown silty clay, moderate compaction (N- & S-facing sections only) >> loose dark brown silty clay, occasional CBM inclusions (10%) >> firm light grey / yellow / brown clayey silt	NAI



05/09/05	Worcester Road, under bridge, extension to Pit 71	SO 50299 58400 Pit 74	Organic topsoil >> dark brown silty loam, fill of main >> loose mixed reddish-brown silty clay, frequent CBM inclusions >> firm yellow / grey / brown clayey silt	NAI
13/09/05	Ridgemoor Road in pavement, next to No. 32	SO 49558 59724 Pit 75	Tarmac (pavement) >> concrete block paving >> greyish-brown silty clay, with frequent CBM inclusions (30%), moderate compaction (redeposited) >> firm grey clayey silt with occasional small stone inclusions (redeposited) >> firm orangey-brown clayey silt, evidence of waterlogging (gleyed soil) >> greyish-brown silty clay with occasional CBM inclusions, moderate compaction (E-facing section only) >> firm orange to light brown clayey silt	NAI
13/09/05	Ridgemoor Road, outside No. 32	SO 4963 59718 Pit 76	Concrete paving block >> tarmac (road & pavement) >> loose grey sandy clay with frequent gravel (fill of BT cabling trench) >> greyish-brown silty clay with occasional CBM inclusions, moderate compaction >> firm mid brown clayey silt with occasional small stone inclusions	NAI
13/09/05	Ridgemoor Road opposite alleyway / walk, outside No. 74	SO 49565 59778 Pit 77	Tarmac >> brick hydrant chamber >> greyish-brown silty clay, with moderate small stone & CBM inclusions (15%) (redeposited, made ground).	NAI
13/09/05	Corner Ridgemoor Road / Middlemarsh	SO 49568 59806 Pit 78	Tarmac surface >> compact stone & gravel sub-base >> firm greyish-brown silty clay with frequent gravel / stone inclusions	NAI
13/09/05	Ridgemoor Road, outside No. 64	SO 49583 59744 Pit 79	Tarmac >> concrete >> greyish-brown silty clay with occasional stone & C20 refuse, moderate compaction >> firm orangey-brown silty clay	NAI
13/09/05	Ridgemoor Road, in alleyway at rear of No. 57	SO 49508 59751 Pit 80	Tarmac >> stone sub-base gravel >> firm light brownish-orange silty clay	NAI



13/09/05	Ridgemoor Road / The Mallards, in pavement adjacent to alleyway	SO 49442 59855 Pit 81	Tarmac (pavement) >> compact tarmac sub-base >> firm red sandy gravel >> greyish-brown silty clay with frequent CBM inclusions (60%), moderate compaction >> (E-facing section only) organic topsoil with frequent CBM inclusions (20%) & C20 refuse >> (W-facing section only) concrete block >> indurated concrete sub-base >> firm mid brownish-yellow clayey silt	NAI
14/09/05	Ridgemoor Road, outside No. 28	SO 49575 59717 Pit 82	Tarmac (pavement) (E- & W-facing sections only) >> concrete kerbstone S facing >> concrete paving N-facing >> loose greyish-brown sandy clay & gravel, frequent CBM inclusions >> firm black silty clay, firm compaction, previous surface >> black sandy clay, moderate compaction >> greyish-black silty clay, moderate compaction, occasional small stone inclusions (fill of water main, W & E facing sections only) >> firm orange / yellow / light brown clayey silt, with grey striations, evidence of previous waterlogging.	NAI
14/09/05	Ridgemoor Road, outside No. 64, Extension to Pit R5	SO 49583 59744 Pit 83	Tarmac (pavement) >> concrete block paving >> compact stone & gravel sub-base >> indurated concrete sub-base >> firm dark grey clayey silt >> orange / yellow / light brown silty clay, frequent small stone inclusions.	NAI
15/09/05	Ridgemoor Road, outside No. 58	SO 49576 59712 Pit 84	Tarmac >> firm mid grey sandy silt & gravel, with frequent small stone & CBM inclusions >> firm greyish-brown clayey silt >> firm orange / mid brown clayey silt with occasional small stone inclusions	NAI
15/09/05	Ridgemoor Road, in alleyway	SO 49555 39774 Pit 85	Organic topsoil with CBM inclusions >> loose red sandy clay with frequent CBM inclusions >> moderate / loose dark grey sandy clay, with frequent CBM inclusions >> greyish-brown silty clay, moderate compaction, with CBM inclusions >> firm light brown / yellow / grey clayey silt	NAI
15/09/05	Ridgemoor Road, adjacent to park outside No. 31	SO 49493 59686 Pit 86	Tarmac (pavement) >> grey sandy silt gravel, with frequent stone inclusions >> firm greyish-black silty clay, with occasional CBM inclusions >> firm light yellowish-brown clayey silt	NAI

15/09/05	Ridgemoor Road, outside No. 39	SO 49495 59621 Pit 87	Tarmac >> compact stone & gravel sub-base >> blackish-grey silty clay with frequent CBM & stone inclusions, moderate compaction >> firm orange / grey / light brown silty clay	NAI
16/09/05	Ridgemoor Road, outside No. 35	SO 49494 59711 Pit 88	Tarmac >> light yellow / grey sandy silt & gravel >> firm greyish-brown silty clay with frequent CBM inclusions >> firm orange / yellow / light brown clayey silt	NAI
19/09/05	Ridgemoor Road, adjacent to park outside No. 23	SO 49505 59700 Pit 89	Tarmac (pavement) >> indurated concrete (E-facing section only) >> loose / moderate greyish / light brown sandy silt clay with frequent CBM and stone inclusions >> firm light yellow / orange / brown clayey silt	NAI
19/09/05	Ridgemoor Road, outside No. 23	SO 49510 59719 Pit 90	Concrete >> tarmac (N- & W- facing sections only) >> compact stone & gravel sub-base >> mid brown silty clay with frequent CBM inclusions, moderate compaction >> concrete over bend in pipe (E-facing section only).	NAI
20/09/05	Cheaton Close, outside No. 94	SO 49704 59659 Pit 91	Tarmac >> concrete kerbstone (S-facing section only) >> loose grey sand sub-base with frequent stone & gravel inclusions >> mid grey / orange / brown silty clay, with frequent CBM & stone inclusions, moderate compaction >> orange / light brown clayey silt, moderate compaction.	NAI
20/09/05	Cheaton Close, outside No. 84	SO 49684 59635 Pit 92	Tarmac >> friable mid grey / light brown silty clay, with frequent CBM & tree root inclusions >> friable light yellowish-brown silty clay	NAI
20/09/05	Cheaton Close, outside No. 10	SO 49677 59697 Pit 93	Tarmac >> dark grey silty clay, with C20 plastic & CBM inclusions, moderate compaction >> loose grey / orange / brown sandy silt clay, with frequent CBM inclusions >> firm light yellowish-brown clayey silt	NAI
21/09/05	Ridgemoor Road, in road, extension to Pit R1	SO 49540 59661 Pit 94	Tarmac >> concrete kerbstone (E-facing section only) >> loose grey sandy clay & gravel, with frequent stone inclusions >> moderate to firm light brown / grey / orange silty clay, occasional CBM inclusions. Void from 0.3m to base of trench in E-facing section.	NAI

21/09/05	Cheaton Close, centre of road, outside No. 94	SO 49686 59657 Pit 95	Tarmac >> loose to moderate stone & gravel sub-base, grey sandy silt >> firm dark grey silty clay >> firm light yellowish-brown clayey silt, with occasional grey patches, evidence of waterlogging	NAI
21/09/05	Cheaton Close, outside No. 56, in road	SO 49635 59675 Pit 96	Tarmac >> loose grey sandy gravel mix, with frequent stone inclusions >> firm light yellowish-brown clayey silt	NAI
22/09/05	Cheaton Close, outside No. 54, in car parking area	SO 49642 59617 Pit 97	Tarmac >> compact greyish-pink stone & gravel aggregate sub-base >> firm dark grey clayey silt, with occasional small stone inclusions >> firm light brown / orange clayey silt with grey striations, waterlogging evidence	NAI
22/09/05	Cheaton Close, outside No. 56	SO 49640 59683 Pit 98	Tarmac >> concrete kerbstone (E- & W-facing sections only) >> loose to moderate greyish-brown sandy silt clay, stone & gravel for sub-base, with occasional C20 CBM inclusions >> firm light yellowish-brown clayey silt, occasional small stone inclusions	NAI
22/09/05	Cheaton Close, outside No. 54, in pavement	SO 49645 59565 Pit 99	Tarmac >> concrete kerbstone (S-facing section only) >> greyish-brown silty clay, with frequent small stone & CBM inclusions, moderate compaction >> firm light yellowish-brown clayey silt	NAI
26/09/05	Cheaton Close, outside No. 94	SO 49676 59704 Pit 100	Tarmac >> dark grey silty clay, with frequent CBM inclusions, moderate compaction >> firm yellow / light brown clayey silt, with occasional small stone inclusions	NAI
26/09/05	Cheaton Close in car parking area	SO 49678 59712 Pit 101	Tarmac >> dark grey silty clay, with frequent CBM & stone inclusions, moderate compaction >> firm light brownish-yellow clayey silt	NAI
26/09/05	Cheaton Close, end of car park near alleyway	SO 49672 59765 Pit 102	Tarmac >> concrete kerbstone >> dark grey silty clay, with frequent C20 debris, moderate compaction >> firm yellow / light brown clayey silt >> sewage pipe at base of trench.	NAI

27/09/05	Cheaton Close, outside No. 14	SO 49570 59604 Pit 103	Tarmac >> (S-facing section only) greyish-brown / bluish-grey silty clay, with frequent CBM inclusions, moderate compaction (fill of water main) >> loose to moderate mid brown silty clay with frequent animal bone (45%) >> moderate to firm mid to light brown silty clay with occasional CBM inclusions >> firm light brownish-yellow silty clay	NSA - Animal bone & horncores recovered from post-medieval pit. Probable butchery or tanning waste
28/09/05	Cheaton Close, outside No. 26	SO 49564 59648 Pit 104	Tarmac >> indurated concrete (W-facing section only) >> friable dark grey silty clay with frequent C20 refuse & CBM inclusions >> friable light brownish-yellow silty clay (made ground for levelling).	NAI
28/09/05	Cheaton Close, 15m from junction with Ridgemoor Road	SO 49560 59654 Pit 105	Tarmac >> loose orangey-brown sand (fill of utility pipes excavations) >> compact stone & gravel road sub-base >> loose greyish-black silt sand clay, frequent C20 debris & CBM inclusions >> friable blackish-brown silty clay >> firm light brownish-yellow clayey silt	NAI
24/11/05	Outside No 11 Cheaton Close, in pavement	SO 49605 59686 Pit 106	Tarmac >> concrete kerbing >> loose grey gravel (fill of utility trench) >> concrete kerb brace >> redeposited greyish-brown silty clay >> yellowish-grey clay	NAI
24/11/05	Cheaton Close, along alleyway at rear of No. 47	SO 49676 59780 Pit 107	Tarmac >> loose gravel sub-base >> redeposited yellowish-grey silty clay.	NAI

24/11/05	Cheaton Close outside front of No. 47	SO 49675 59784 Pit 108	Mid brown sandy silt topsoil >> mid brown sandy silt with frequent small stones (fill of utility cut) >> firm yellowish-brown clay >> cut of former water main	NAI
24/11/05	Outside No. 39 Cheaton Close	SO 49672 59762 Pit 109	Tarmac >> loose gravel sub-base >> greyish-brown silty clay with frequent gravel and occasional modern CBM (fill of previous water main excavations)	NAI
25/11/05	Cheaton Close, outside front of No. 47	SO 49647 59773 Pit 110	Tarmac >> loose grey gravel sub-base >> redeposited yellowish-brown silty clay with occasional modern CBM and glass (fill of previous water main excavations) >> firm yellowish-grey clay	NAI
29/11/05	Cheaton Close, outside No. 16	SO 49549 59655 Pit 111	Tarmac >> compact grey gravel sub-base >> loose grey gravel fill >> loose orange sand (fill of electricity cabling excavations) >> redeposited dark brown silty clay	NAI

30/11/05	Cheaton Close, outside No. 18	SO 49546 59648 Pit 112	Tarmac pavement surface >> gravel sub base >> fill of U shaped linear cut, running E/W. Redeposited greyish brown silty clay with frequent subangular stones >> redeposited grey brown silty clay with occasional plastic >> greyish-brown silty clay natural	NAI
30/11/05	Outside No. 56 Cheaton Close	SO 49630 59684 Pit 113	Tarmac road surface >> gravel fill >> yellowish-brown clay	NAI
01/12/05	Outside No. 14, Cheaton Close	SO 49568 59598 Pit 114	Tarmac pavement surface >> grey gravel >> yellowish-brown silty clay	NAI
01/12/05	Outside 26, Cheaton Close	SO 49560 59622 Pit 115	Concrete kerb >> concrete kerb brace >> tarmac pavement surface >> gravel fill >> yellowish-brown clay	NAI
02/12/05	Outside No. 26, Ridgemoor Road	SO 49544 59699 Pit 116	Concrete kerb >> concrete kerb base >> tarmac pavement surface >> grey gravel fill of existing water main >> yellow gravel sub-base >> dark brown sandy silt with moderate brick flecking >> yellowish-brown silty clay	NAI
02/12/05	Outside No. 70, Ridgemoor Road	SO 49452 59612 Pit 117	Tarmac road surface >> gravel sub-base >> mid brown loam with frequent brick, gravel and occasional concrete fragments >> mid brown silty clay	NAI
06/12/05	Bridge Street / Osborne Place junction, on verge	SO 49415 59620 Pit 118	Concrete kerb for path >> concrete brace >> gravel sub-base >> mid brown sandy silt, topsoil >> mid brown sandy silt with moderate CBM flecking and charcoal flecking >> greyish-brown silty clay with moderate CBM and frequent charcoal (fill of electricity ducting) >> dark brown sandy silt with occasional stones and CBM, redeposited materials	NAI
06/12/05	Outside No 18, Osborne Place in Pavement	SO 49305 59565 Pit 119	Tarmac pavement surface >> gravel sub base >> mid brown sandy clay (fill of water main trenching) >> gravel fill of gas pipe >> mid brown sandy clay	NAI
08/12/05	Outside No. 11 Osborne Place	SO 49358 59592 Pit 120	Concrete path kerb >> tarmac path surface >> concrete kerb brace >> gravel sub-base >> loose dark brown sandy clay with frequent gravel (fill of water cut) >> dark brown sandy clay with occasional stones, redeposited >> mid brown sandy clay	NAI

08/12/05	Outside No. 15, Millers Close	SO 49257 59649 Pit 121	Concrete kerb >> tarmac road surface >> compact gravel sub-base >> dark brown sandy clay, redeposited >> dark brown sandy clay with frequent gravel and occasional plastic (fill of cut for water main) >> yellowish-brown sandy clay	NAI
09/12/05	Outside No. 37, Cheaton Close	SO 49639 59748 Pit 122	Tarmac path surface >> compact gravel sub-base >> redeposited yellow-brown clay with occasional gravel and wood (1 piece) and moderate charcoal flecking	NAI
09/12/05	Front garden No. 36, Cheat on Close	SO 49628 59731 Pit 123	Mid brown sandy silt topsoil >> loose mid brown sandy silt garden soil with frequent charcoal flecking and moderate brick and CBM (post-medieval) >> yellowish-brown sandy clay	NAI
09/12/05	Alley adjacent to No. 44 Cheaton Close	SO 49629 59751 Pit 124	Tarmac path surface >> tarmac sub-base >> redeposited reddish-brown sandy clay with occasional post-medieval CBM	NAI
12/12/05	Outside No. 31, Millers Close	SO 49227 59593 Pit 125	Tarmac pavement >> compact gravel and CBM sub-base >> firm bluish-grey clay	NAI
12/12/05	Pavement outside No. 47, Millers Close	SO 49277 59708 Pit 126	Tarmac pavement surface >> compact gravel sub base >> loose orange sand (fill of street light cabling trench) >> redeposited bluish-grey clay >> yellowish-brown silty clay	NAI
13/12/05	Verge outside No. 65, Millers Close	SO 49322 59696 Pit 127	Loose mid brown silty clay topsoil with occasional gravel >> firm yellowish-brown silty clay. Mid brown silty clay with occasional C20 CBM (fill of water pipe trenching)	NAI
13/12/05	Outside front garden of No. 85, Millers Close	SO 49335 59643 Pit 128	Tarmac path surface >> compact gravel sub-base >> greyish sand deposit Dark greyish-brown sandy clay with occasional C20 CBM and concrete (fill of existing water main trenching) >> firm mid brown sandy clay	NAI
14/12/05	Pavement outside No. 8, Ridgemoor Road	SO 49500 59640 Pit 129	Tarmac pavement surface >> compact gravel sub-base >> redeposited greyish-brown waterlogged silty clay	NAI
14/12/05	Verge outside No. 75, Millers Close	SO 49322 59690 Pit 130	Mid brown silty sand topsoil with occasional charcoal >> mid brown silty sand with occasional gravel >> orange sand (fill of gas main trenching) >> mid brown sandy clay, (fill of electricity trenching).	NAI



06/01/06	No. 26 Vicarage Street	SO 49509 59322 Pit 131	Tarmac >> compact hardcore rubble >> red sandy clay with moderate angular stones >> grey clay and frequent rounded stones.	NAI
06/01/06	Vicarage Street	SO 49543 59281 Pit 132	Tarmac >> rubble hardcore >> red silty sand with occasional small stones >> brick base for water piping.	NAI
06/01/06	No. 42 Vicarage Street	SO 49481 59335 Pit 133	Tarmac >> compact fine orangey-pink gravel sub-base >> mid brown silt with large rounded stones and gravel, redeposited >> compact grey clay.	NAI
09/01/06	Junction of Vicarage Street / Broad Street	SO 49580 59263 Pit 134	Tarmac >> compact dark grey gravel sub-base >> compact reddish-orange clay with frequent large rounded stones and gravel hardcore	NAI
09/01/06	Paradise Court	SO 49573 59433 Pit 135	Tarmac >> mid brown silty clay >> gravel sub-base >> moderately compact dark brown silty clay >> loose dark brown / black silty clay with concrete and brick rubble backfill >> very compact concrete and stone	NAI
10/01/06	No. 26 Paradise Terrace	SO 49637 59456 Pit 136	Tarmac >> loose orangey-pink gravel sub-base >> firm orangey-brown sandy silt >> dark brown silty clay with frequent large stones and concrete.	NAI
10/01/06	Walkway to Bridge Street, No. 27 Paradise Court	SO 49567 59440 Pit 137	Tarmac >> loose greyish-orange sandy sub-base >> moderately compact C20 brick, concrete and stone rubble with brown silt and frequent large stones.	NAI
10/01/06	No. 36 Vicarage Street	SO 49485 59335 Pit 138	Tarmac >> moderately compact stone and concrete and rubble with occasional brick fragments >> compact orangey-brown silty clay with frequent large rounded stones	NAI
10/01/06	No. 46 Paradise Court	SO 49659 59421 Pit 139	Tarmac >> moderately compact brownish-orange sandy gravel tarmac sub-base>> friable dark brownish-grey silt in C20 stone, concrete and brick rubble deposit	NAI
11/01/06	No. 26 Paradise Court	SO 49640 59469 Pit 140	Tarmac>> loose grey gravel sub-base>> loose dark brownish-grey silty clay with frequent large boulders, brick, concrete and C20 debris (rubble backfill from previous utility works)	NAI

11/01/06	No. 41 Paradise Court	SO 49595 59400 Pit 141	Tarmac>> loose orange sand sub-base >> indurated grey concrete >> loose dark brownish-black silty clay with frequent brick rubble and C20 debris >> firm dark brown silty clay with occasional small stones.	NAI
12/01/06	No. 59 Paradise Court corner / footpath	SO49615 59408 Pit 142	Tarmac >> compact orangey-red sand sub-base >> concrete >> firm dark clay with occasional small subangular stones	NAI
16/01/06	No. 45 Paradise Court, end garden	SO49632 59521 Pit 143	Tarmac >> compact tar and aggregate sub-base hard >> firm mid brown / bluish-grey clay going to clay, occasional small CBM and small subangular stones.	NAI
16/01/06	No. 47, Mill Street	SO49640 59528 Pit 144	Tarmac >> compact aggregate sub-base >> tarmac >> soft light brown / greyish-blue clay with red sandstone & occasional small subangular stones	NAI

16/01/06	No. 49, Mill Street	SO 49641 59528 Pit 145	Tarmac >> compact aggregate and concrete sub-base >> compact concrete and aggregate	NAI
16/01/06	Opposite No. 19A, Mill Street	SO 49564 59525 Pit 146	Tarmac >> indurated concrete >> firm reddish-brown clay with occasional subangular & rounded sandstone >> firm mid brown clay occasional small rounded stones	NAI
17/01/06	Focus store, adjacent to hydrant	SO 49760 59509 Pit 147	Tarmac >> indurated concrete >> compact subangular sandstone	NAI
17/01/06	Lay-by on N side of A44	SO 49883 59492 Pit 148	Tarmac >> compact concrete and asphalt >> compact hardcore >> firm dark red sandy clay, occasional CBM	NAI
18/01/06	No. 47, Mill Street	SO 49644 59523 Pit 149	Tarmac >> compact asphalt and concrete >> firm mid reddish-brown clay with occasional small & medium subangular sandstone fragments	NAI
19/01/06	Junction Green Lane / Cursneh Road / New Street	SO 49430 59160 Pit 150	Tarmac >> compact asphalt sub-base >> firm mid yellowish-brown silty clay with frequent subangular stones >> friable orangey-red clay with moderate CBM & small subangular sandstone fragments	See section 5.2. C19 drainage feature

23/01/06	New Street, Barometer Shop car park, adjacent to wall	SO49552 59209 Pit 151	Paving bricks >> loose bedding sand >> compact concrete aggregate >> firm dark brown silty clay with occasional small subangular stones	NAI
23/01/06	Junction New Street / Lugg Way	SO 49487 59190 Pit 152	Paving bricks >> loose bedding sand >> compact concrete and aggregate >> friable orangey-red clay silt sand with occasional CBM & very occasional C17/C18 pottery sherds.	NAI
23/01/06	Junction Green Lane / Cursneh Road / New Street	SO 49426 59163 Pit 153	Tarmac >> compact asphalt aggregate sub-base tar >> friable red sandy clay, frequent subangular stones	NAI

24/01/06	No 1, Thomas Court, opposite Oldfields Close	SO 49362 59160 Pit 154	Tarmac >> indurated concrete >> firm dark brownish-red silty clay with occasional CBM and small sandstone fragments	NAI
24/01/06	Cursneh House, Green Lane	SO 49432 59167 Pit 155	Tarmac >> compact aggregate sub base >> dark brown silty clay with occasional small stones	NAI
25/01/06	Junction Green Lane / Cursneh Road / New Street	SO 49435 59159 Pit 156	Tarmac >> compact sub base >> compact aggregate of small subangular sandstone, with occasional CBM >> firm red silt sand clay with moderate small stones	NAI
25/01/06	Thomas Court / Green Lane	SO 49350 59160 Pit 157	Tarmac >> compact small aggregate and concrete >> firm reddish-brown clay with occasional CBM and small subangular sandstone	NSA - Two large unworked sandstone blocks identified in N- & E-facing sections at a depth of c.0.5m. Possibly associated with C18 / C19 road improvement activity
26/01/06	Cranes Lane, opposite Kenwater Close	SO49369 59301 Pit 158	Tarmac >> compact aggregate sub- base >> firm yellowish-red clay, occasional small subangular stones	NAI

31/01/06	Outside No 7, South Street in road	SO 49616 58985 Pit 159	Paving stones >> indurated concrete sub base >> compact mid reddish-brown gravel >> firm mid brown silty clay >> compact bituminous gravel (backfill of original trench cut) >> friable sandy clay with frequent small rounded stones, occasional CBM >> firm mid brown silty clay, occasional CBM and charcoal flecking	NAI
31/01/06	Outside Leominster Folk Museum and No 15 Etnam Street, in road	SO 49721 58917 Pit 160	Indurated concrete >> brick chamber (stack bond) >> compact mid red gravel >> friable mid reddish-brown sandy clay >> compact mid brown gravel	NAI
01/02/06	Outside No 4/5 Kingston Court Etnam Street	SO 49706 58906 Pit 161	Concrete road surface >> indurated black concrete >> compact reddish-brown gravel with occasional CBM >> compact yellow sandy gravel >> compact dark brown gravel >> friable mid reddish-brown sandy clay	NAI
01/02/06	Outside The Royal Oak and No 2 Etnam Street, in road	SO 49598 58908 Pit 162	Concrete road surface >> concrete sub-base >> compact reddish-brown gravel >> friable mid reddish-brown sandy clay >> firm mid reddish-brown sandy clay with occasional large stones.	NAI
01/02/06	Outside No 16 South Street, in road	SO 49593 58919 Pit 163	Concrete road surface >> concrete sub-base >> compact mid reddish-brown gravel with frequent CBM >> friable mid brown sandy clay, occasional large stones >> friable mid brown sandy clay, occasional CBM >> friable mid reddish-brown sandy clay	NAI
01/02/06	Opposite Euphoria Nightclub, adjacent to roundabout	SO 49628 58794 Pit 164	Tarmac >> indurated tarmac and aggregate sub-base >> firm red sandy clay, occasional small stones.	NAI
02/02/06	In road, opposite Euphoria Nightclub	SO49609 58836 Pit 165	Tarmac road surface >> aggregate sub-base >> loose aggregate make-up deposit >> very soft reddish-orange gritty silt clay	NAI
02/02/06	Adjacent to Talbot Hotel, S of junction	SO 49633 58997 Pit 166	Brick surface >> compact aggregate / sand / concrete sub-base >> grit fine sand made-up ground base of drain chamber >> cut for (003) >> loose reddish-orange sand silt clay	NAI

02/02/06	Opposite Talbot Hotel 1.8m S of pit dug in this location	SO 49620 58976 Pit 167	Brick surface >> loose bedding sand >> indurated concrete >> soft reddish-brown silty clay, single pig (<i>Sus</i>) tibia fragment. Material presumably redeposited as fill of (unidentified) cut	
03/02/06	Rainbow Street, outside Minster Windows	SO49471 59006 Pit 168	Paved surface and pavement >> indurated concrete sub-base >> greyish aggregate fill >> cut for water main >> dark reddish-brown silty clay	NAI
06/02/06	Fosters corner, Rainbow Street, road / pavement	SO 49458 59011 Pit 169	Concrete slabs >> compact red sandy gravel, frequent CBM >> loose reddish-brown sandy gravel >> compacted gravel fill >> friable reddish-brown sandy clay, with moderate medium stones >> compact reddish-brown medium gravel	NAI
06/02/06	South Street, in road outside No 13	SO49631 58969 Pit 170	Concrete road surface >> indurated concrete sub-base >> firm reddish- brown sandy clay, with medium stones and frequent CBM	NAI
06/02/06	South Street, outside No 8, in road	SO 49623 58945 Pit 171	Concrete road surface >> indurated concrete sub-base >> firm reddish- brown sandy clay with occasional medium stones >> compact yellowish-brown gravel >> friable reddish-brown sandy clay with frequent large stones	NAI
07/02/06	Corner Rainbow Street / Burgess Street	SO 49459 59102 Pit 172	Tarmac >> concrete kerb >> indurated concrete sub-base >> brick chamber >> firm reddish- brown sandy clay, with occasional CBM and medium rounded stones >> firm reddish-brown sandy clay with very frequent CBM & occasional large angular stones	NAI - L-shaped trench. Very frequent CBM in majority of sections
07/02/06	Outside No 21 Rainbow Street, in road	SO 49452 59098 Pit 173	Tarmac >> friable reddish-brown sandy clay with frequent medium angular gravel and CBM >> firm reddish-brown sandy clay with frequent medium / large gravel inclusions & CBM	NSA - CBM possibly represents remains of wall structure, although this could not be confirmed

08/02/06	Outside No 7 Burgess Street (Shabagh Balti)	SO 49547 59105 Pit 174	Tarmac >> concrete road surface >> indurated concrete sub-base >> firm reddish-brown sandy clay, moderate rounded medium stones >> friable dark grey sandy fill around pipe >> compact angular gravel with reddish-brown sandy clay and frequent CBM >> brick chamber >> compact gravel with occasional CBM	NAI
08/02/06	Corner (pavement and road) Rainbow Street / Cursneh Street	SO 49444 59140 Pit 175	Concrete road surface >> tarmac path surface >> indurated concrete sub-base >> loose grey sand >> metal access chamber >> friable reddish-brown sandy clay >> compact black gravel & tarmac pieces	NAI
09/02/06	Talbot Hotel, South Street	SO 49619 58965 Pit 176	Upper tarmac layer >> former tarmac surface >> firm reddish-brown silty clay and frequent medium rounded stones >> firm reddish clay	NAI
09/02/06	No 52 West Street	SO 49429 859024 Pit 177	Paving slabs >> sub-base >> firm dark brown silty clay, occasional CBM and small stones >> firm reddish-brown sandy clay, occasional small stones	NAI
10/02/06	Opposite Kwik Fit, Cursneh Road	SO 49417 59068 Pit 178	Brick paving >> loose sand sub-base >> compact concrete small aggregate >> firm reddish-brown clay, occasional CBM and small stones >> friable red sandy clay	NAI
10/02/06	Corner Cursneh Road / Rainbow Street, on pavement	SO 49440 59117 Pit 179	Brick paving >> loose bedding sand >> indurated concrete sub-base >> friable red sandy clay with occasional small stones	NAI
13/02/06	Leominster Bus Station entrance, adjacent to Somerfield store	SO 49471 58925 Pit 180	Brick paving >> loose sandy sub-base >> compact aggregate	NAI
14/02/06	Entrance to Somerfield depot	SO 49458 53962 Pit 181	Brick paving >> loose coarse sand with occasional black flecking (probably organic) and brick fragments >> friable mid brown sandy clay, occasional medium subangular stones	NAI
15/02/06	Dishley Street, Market Mill Garage	SO 49460 58934 Pit 182	Tarmac >> sub-base >> friable red clay with occasional small subangular stones & CBM	NAI
15/02/06	Rylands Road / Dishley Street junction, adjacent to Aldi store car park entrance	SO 49473 58861 Pit 183	Brick paving >> loose brown sand >> tarmac >> former kerbing >> friable red clay with occasional CBM & small stones	NAI

15-02-06	Westbury Street, opposite Leominster Bingo Hall	SO 49589 58861 Pit 184	Concrete kerbing >> paving blocks >> indurated concrete >> loose bedding sand bedding >> compact sub-base / levelling material comprising frequent small and medium angular stones & occasional CBM fragments >> compact hardcore deposit >> firm mid brown gritty clay with frequent CBM fragments >> existing services >> firm mid brown silty clay and moderate, small & medium angular stones and CBM fragments >> firm reddish-brown silty clay >> ceramic drainage pipe >> existing water main	NAI
17/02/06	Market Mill Garage, Dishley Street	SO 49466 58920 Pit 185	Kerbing >> brick pavement >> loose sandy sub-base >> indurated reinforced concrete, hard compacted reinforced >> friable mid brown clay with occasional C18 & C19 pottery	NAI – 6 sherds C18 Staffordshire ware & 2 sherds of creamware
21/02/06	In road, opposite School Lane, Etnam Street	SO 49717 58905 Pit 186	Concrete road surface >> tarmac >> indurated concrete sub-base >> friable orangey-brown sandy clay with occasional small angular stones >> firm mid brown sandy clay with frequent medium & large angular stones and occasional CBM fragments	NAI
22/02/06	Outside No. 64 Etnam Street, in road, adjacent to alleyway leading to Caswell Crescent	SO 49984 48948 Pit 187	Concrete road surface >> tarmac >> indurated concrete sub-base >> friable reddish-brown sandy clay with occasional small & medium angular stones	NAI
22/02/06	Outside No 64 Etnam Street	SO 49977 58937 Pit 188	Concrete road surface >> tarmac >> indurated concrete sub-base >> compact dark grey gravel >> compact light grey gravel	NAI
23/02/06	Outside Norfolk House and opposite The Chequers PH	SO 4979418162 Pit 189	Tarmac road surface >> tarmac sub-base >> gravel fill of utility trench >> linear cut for trench >> redeposited gravel and CBM	NAI
23/02/06	Outside entrance to Leominster Baptist Church	SO 49881 58925 Pit 190	Tarmac road surface >> compact tarmac and gravel sub-base >> redeposited reddish-brown silty clay with frequent small subangular stones and occasional C20 CBM	NAI
23/02/06	Outside No. 60 Etnam Street, opposite Falconer Place	SO 49962 58914 Pit 191	Tarmac road surface >> tarmac sub-base >> compact gravel sub-base >> concrete block >> firm reddish-brown sandy clay	NAI

23/02/06	In road outside No. 76 Etnam Street	SO 50010 58934 Pit 192	Tarmac road surface >> tarmac sub-base >> compact gravel sub-base >> aggregate fill of utility trench >> linear cut for utility trench >> disturbed reddish-brown sandy clay	NAI
23/02/06	Caswell Crescent alleyway off Etnam Street	SO 49975 58933 Pit 193	Tarmac road surface >> compact tarmac and gravel sub-base >> disturbed brown sandy clay with frequent C20 CBM	NAI
23/02/06	Outside entrance to The White Lion PH, Etnam Street	Pit 194	Tarmac road surface >> compact tarmac and gravel sub-base >> redeposited aggregate and gravels >> disturbed reddish-brown sandy clay	NAI
23/02/06	Outside Leominster Baptist Church, in road, opposite Etnam Street Car park entrance	SO 49878 58940 Pit 195	Concrete road surface >> tarmac >> compact gravel fill >> firm reddish-brown sandy clay with frequent large & medium stones	NAI
24/02/06	In centre of road outside No 18 Church Street	SO 49759 59177 Pit 196	Tarmac road surface >> gravel sub-base >> compact aggregate >> firm reddish-brown sandy clay with occasional post-medieval CBM and medium subangular stones	NAI
24/02/06	Outside The White Lion PH in centre of the road	SO 50103 58956 Pit 197	Concrete road surface >> tarmac >> indurated concrete sub-base >> firm reddish-brown sandy clay with frequent medium & large angular stones and CBM fragments	NAI
27/02/06	Outside Holly Cottage, Pinsley Road	SO 49940 59129 Pit 198	Concrete road surface >> tarmac >> compact dark brown gravel with single fragment of C18 pottery	NAI – 1 sherd C18 Staffordshire ware
27/02/06	Adjacent to war memorial, Pinsley Road	SO 49850 59177 Pit 199	Concrete road surface >> tarmac >> compact reddish-brown sandy gravel with frequent angular stones & occasional CBM fragments >> compact tarmac / gravel fill	NAI
28/02/06	Pinsley Road, opposite playing fields	SO 49893 59162 Pit 200	Tarmac >> compact stone sub base >> soft brownish-red clay with occasional small stones	NAI
28/02/06	Rear of pavilion, Pinsley Road	SO 49791 59148 Pit 201	Concrete road surface >> tarmac >> friable reddish-brown sandy clay with moderate medium angular stones and CBM fragments >> loose grey sand fill for mains	NAI
28/02/06	Outside No. 18 Pinsley Road (St Cuthbert's)	SO 49945 59090 Pit 202	Tarmac >> sub-base >> loose demolition rubble & sandy clay >> soft brownish-red clay with occasional small stones	NAI

01/03/06	Outside No 90 Etnam Street, in road	SO 50074 58944 Pit 203	Concrete road surface >> tarmac >> indurated concrete sub-base >> firm greyish-brown sandy clay with frequent medium & large angular stones >> loose grey sand fill	NAI
01/03/06	Outside Abbotsway House, T-junction, Pinsley Road	SO 50024 59091 Pit 204	Tarmac >> sub-base >> compact redeposited natural material & occasional small stones	NAI
01/03/06	Outside Holly Cottage, Pinsley Road	SO 50103 58956 Pit 205	Concrete road surface >> tarmac >> compacted gravel fill >> firm reddish-brown sandy clay with occasional small & medium stones & a fragment of C18 pottery >> brick wall constructed in ½ running bond	NSA - Brick wall of unidentified date and function located in N-facing section
02/03/06	Outside No 20, Falconer Place	SO 50008 49004 Pit 206	Concrete path surface >> tarmac >> compact grey gravel fill >> dark brown sandy clay with occasional small & medium angular stones and CBM fragments	NAI
02/03/06	Outside No 13 Falconer Place	SO 49972 59014 Pit 207	Concrete road surface >> tarmac >> indurated concrete sub-base >> dark brown sandy clay with occasional small & medium stones and CBM fragments	NAI
02/03/06	Grange End (outside)	SO 49920 59033 Pit 208	Tarmac >> sub-base >> loose demolition rubble and sub-base >> firm reddish-brown sandy clay and occasional small stones	NAI
02/03/06	Outside Nos 8 & 9 Falconer Place	SO 49944 59033 Pit 209	Tarmac >> loose tarmac >> friable yellowish-brown sandy clay and brick rubble	NAI
02/03/06	Junction Pinsley Road / Church Street	SO 49742 59168 Pit 210	Tarmac >> sub-base and small amount of loose tarmac >> firm red silty clay and frequent rounded small stones	NAI
06/03/06	Outside No.5 Falconer Place	SO 49943 58987 Pit 211	Tarmac pavement >> loose gravel sub-base >> loose sandstone and CBM aggregate >> redeposited dark brown sandy clay with occasional post-medieval CBM and ceramics	NAI – 1 sherd C18 Staffordshire ware
09/03/06	Outside No.13 Falconer Place	SO 49978 59014 Pit 212	Tarmac road surface >> loose gravel sub-base >> redeposited yellowish-brown sandy clay with occasional small subangular stones >> loose blackish-brown humic deposit >> redeposited yellowish-brown sandy clay with occasional small angular stones	NAI – frequent C19 sherds & 1 sherd of C18 pottery
10/03/06	Driveway leading to Gwynfan and Penhros	SO 49712 58077 Pit 213	Tarmac road surface >> loose gravel sub-base >> loose aggregate and CBM >> redeposited yellowish-brown sandy clay with occasional small angular stones	NAI

27/03/06	South Street, in road opposite Moravian Church	SO 49589 58649 Pit 214	Tarmac road surface >> loose aggregate sub-base >> indurated concrete >> redeposited orangey-brown sandy silt clay with occasional small angular stones and modern CBM	NAI
28/03/06	South Street, opposite Leominster Community Hospital entrance	SO 49577 58616 Pit 215	Tarmac road surface >> bitumen aggregate sub-base >> firm reddish-brown sandy silt clay with occasional small angular stones	NAI
28/03/06	South Street, in road opposite Moravian Church	SO 49589 58649 Pit 216	Tarmac road surface >> bitumen aggregate and concrete sub-base >> bluish-grey gravel fill of modern utility trench >> redeposited reddish-brown sandy silt clay with occasional small angular stones	NAI
29/03/06	South Street, in road opposite Moravian Church	SO 49585 58651 Pit 217	Tarmac road surface >> bitumen aggregate and concrete sub-base >> redeposited reddish-brown sandy silt clay with occasional small angular stones	NAI
30/03/06	Outside No.5 Hawthorne Place	SO 49567 58763 Pit 218	Tarmac pavement surface >> compacted greyish-yellow gritty clay and stone >> firm dark brown silty clay with frequent C19 ceramic sherds	NAI
30/03/06	Hawthorne Place outside No.7	SO 49559 58774 Pit 219	Tarmac pavement surface >> compact greyish-yellow gritty sandy clay and stone with occasional modern CBM >> redeposited dark blackish-brown sandy silt with occasional stone and CBM	NAI
30/03/06	Hawthorne Place outside No.7	SO 49558 58777 Pit 220	Tarmac pavement surface >> compact greenish-brown gritty sandy clay and aggregate >> redeposited dark reddish-brown sandy silt with occasional stone and CBM	NAI
31/03/06	Hawthorne Place	SO 49567 58766 Pit 221	Tarmac pavement surface >> compact greenish-brown gritty sandy clay and aggregate >> redeposited dark reddish-brown sandy silt clay with occasional stone and CBM	NAI
31/03/06	Hawthorne Place	SO 49548 58770 Pit 222	Tarmac road surface >> compact greenish-brown gritty sandy clay and aggregate >> redeposited dark reddish-brown sandy silt clay with occasional stone and CBM	NAI
31/03/06	Hawthorne Place	SO 49553 58757 Pit 223	Tarmac pavement surface >> compact greenish-brown gritty sandy clay and aggregate >> redeposited dark reddish-brown sandy silt clay with occasional stone and CBM	NAI

03/04/06	Junction South Street / Coningsby Road, opposite Cennick Court	SO 49592 58717 Pit 224	Tarmac road surface >> concrete, bitumen & stone sub-base >> friable orange sand silt clay, occasional subangular stones	NAI
03/04/06	Opposite junction South Street / Coningsby Road outside The Black Horse PH	SO 49597 58726 Pit 225	Tarmac road surface >> concrete, aggregate & bitumen sub-base >> friable light orangey-brown sandy clay, moderate pebbles and subangular stones	NAI
04/04/06	South Street, The Black Horse PH	SO 49600 58714 Pit 226	Tarmac road surface >> concrete, tarmac and stone sub-base >> friable orange sandy silt clay	NAI
05/04/06	Outside No 12 Hawthorne Place	SO 49554 58759 Pit 227	Asphalt footpath surface >> friable yellowish gritty clay and stone >> soft dark brown sandy silt clay, occasional CBM & C19 pottery	NAI
10/04/06	South Street, 10m N of junction with Hawthorn Place	SO 49590 58785 Pit 228	Tarmac road surface>> aggregate sub-base>> friable dark reddish-brown silty clay with occasional CBM and small to medium subangular stones	NAI
10/04/06	Opposite No. 33 South Street at junction of South Street / Hawthorn Place	SO 49575 58743 Pit 229	Tarmac road surface>> aggregate sub-base & occasional CBM >> friable dark reddish-brown silty clay with frequent CBM and medium subangular stones	NAI
18/04/06	Bus stop opposite Euphoria Nightclub	SO 49570 58840 Pit 230	Concrete kerbing >> loose bluish-grey gravel >> tarmac>> friable mid brown sandy clay >> brick pavement surface >> loose greyish gravel	NAI
18/04/06	Westbury Street entrance to Leominster Bingo Hall, in pavement	SO 49613 58878 Pit 231	Brick pavement>> loose sand sub-base >> indurated concrete sub-base >> loose redeposited gravel >> friable reddish-brown sandy clay with frequent C20 CBM	NAI
19/04/06	Pavement opposite Euphoria Nightclub outside No. 38 South Street	SO 49612 58834 Pit 232	Brick pavement >> loose mid brown sand with frequent C20 CBM and stone rubble >> firm reddish-brown sandy clay with frequent C20 CBM and stone rubble	NAI
20/04/06	Outside Minster Polythene Films, Station Road	SO 50223 58649 Pit 233	Tarmac road surface >> compact gravel sub base >> friable reddish-brown sandy clay >> firm reddish-brown silty clay & frequent gravel and tarmac	NAI
20/04/06	Outside Minster Polythene Films, Station Road	SO 50197 58674 Pit 234	Tarmac road surface>> loose gravel and large stone aggregate deposit >> loose greyish aggregate >> firm reddish-brown sandy clay >> firm reddish-brown sandy clay with frequent gravel, tarmac and occasional C20 CBM	NAI

21/04/06	Industrial Estate on Station Road, outside Station Motors	SO 50190 58819 Pit 235	Tarmac hard-standing>> loose dark reddish sand and stone sub-base >> firm light brown pinkish sandy clay, occasional CBM >> firm orange silt clay	NAI
24/04/06	Station Road opposite junction with Silurian Close	SO 50189 58719 Pit 236	Tarmac pavement >> compact bluish-grey gritty clay aggregate >> friable dark brown silt clay, moderate small pebbles >> indurated concrete >> friable light brown reddish silty clay, occasional CBM >> firm light yellowish sandy clay, frequent small subangular stones	NAI
28/04/06	Millers Close, adjacent to electrical sub-station	SO 49290 59591 Pit 237	Tarmac >> compact hardcore sub-base, frequent CBM >> firm greyish-brown silty clay, occasional CBM and subangular stones	NAI
28/04/06	Verge of footpath 30m NW of Oldfields Close	SO 49359 59177 Pit 238	Loose reddish-brown clayey silt >> aggregate sub-base >> firm mid brown silty clay, frequent subangular stones >> firm dark brown silty clay with frequent subangular stones	NAI
02/05/06	Mini-roundabout at junction Mill Street / Bridge Street, opposite Hop Pole Inn	SO 49509 59495 Pit 239	Tarmac >> compact hardcore sub-base with frequent CBM and gravel >> friable orangey-brown silty clay, frequent small and medium subangular stones and CBM	NAI
- 02/05/06	In road opposite No 56a Bridge Street	SO 49479 59574 Pit 240	Tarmac >> compact hardcore sub-base >> friable reddish-brown silty clay frequent small subangular stones >> firm dark greenish-brown silt clay, frequent small subangular and rounded stones	NAI
02/05/06	In road opposite No 32 Bridge Street	SO 49539 59468 Pit 241	Tarmac >> compact hardcore sub-base >> firm dark greyish-brown silty clay, frequent subangular stones and CBM fragments >> firm dark reddish-brown silty clay, frequent CBM inclusions and subangular stones	NAI
02/05/06	In road 50m E of roundabout opposite No 19a Mill Street	SO 49563 59524 Pit 242	Tarmac >> compact hardcore sub-base >> friable mid brown silty clay, occasional rounded stones >> firm dark reddish-brown sandy clay, frequent large subangular stones and CBM >> loose gravel pipe bedding	NAI

08/05/06	Outside vehicular access to Paradise Court between Nos 20 & 22 Bridge Street	SO 49549 59417 Pit 243	Tarmac >> strongly cemented yellowish-grey stone sub-base >> strongly cemented grey stone sub-base >> compact light red gravel >> firm yellowish-grey clay and medium rounded stones >> compact light brownish-red sand >> firm brownish-grey clay	NAI
09/05/06	Opposite No 4 Bridge Street, 20m N of Kenwater Bridge	SO 49574 59356 Pit 244	Tarmac >> compact hardcore sub-base, frequent CBM >> firm reddish-brown clayey silt, frequent subangular stones and CBM >> firm greyish-brown silty clay with frequent CBM and small to medium sub-angular stones >> compact stone and gravel	NSA – unidentifiable elongated ovoid feature in E-facing section
16/05/06	Junction Green Lane / The Meadows	SO 49225 59183 Pit 245	Tarmac road surface >> firm dark brown silty clay, frequent small and medium rounded subangular stones and occasional CBM fragments >> firm reddish-brown clay >> friable light red marl	NAI
19/05/06	Green Lane, embankment to S of road	SO 49190 59145 Pit 246	Tarmac footpath surface >> firm dark blackish-brown silty clay, moderate small rounded and subangular stones >> firm mid reddish-brown silty clay, moderate small to medium subangular stones occasional CBM fragments	NAI
22/05/06	Junction The Meadows / Green Lane	SO 49223 59180 Pit 247	Tarmac >> compact stone sub-base >> compact medium stone >> compact gravel backfill >> firm reddish-brown clay, occasional medium subangular stones and CBM >> loose reddish-brown gravel	NAI
22/05/06	Junction Green Lane / Oldfields Close / Townsend Court	SO 49352 59153 Pit 248	Tarmac >> firm dark brown silty clay, 1 sherd of English slipware c.1700 and 2 pieces of C19 pantile >> firm reddish-brown clay, very frequent charcoal & mortar flecking	See section 5.2. Post-medieval drainage feature
23/05/06	Outside No 16 Green Lane	SO 49282 59137 Pit 249	Tarmac >> compact greyish-brown stony sub-base >> firm reddish-brown clay, frequent medium rounded stones and occasional CBM fragments	NAI
23/05/06	Green Lane, opposite Perseverance Road	SO 49140 59173 Pit 250	Tarmac >> compact stone sub-base >> friable mid brown silty clay and occasional medium rounded stones >> firm reddish-brown silty clay with occasional charcoal and mortar flecking >> firm brownish-red clay, occasional small and medium subangular stones	NAI

24/05/06	Junction Green Lane / The Meadows / Townsend Close	SO 49225 59178 Pit 251	Tarmac >> firm reddish-brown sandy clay, occasional medium rounded stones >> stone sub-base >> loose grey stone backfill >> indurated concrete >> friable brownish-red clayey silt	NAI
01/06/06	Junction Green Lane / Townsend Close	SO 49255 59169 Pit 252	Tarmac >> compact gravel sub-base >> gravel fill >> friable reddish-brown sandy clay, occasional sandstone	NAI
07/06/06	Junction Ridgemoor Road / Bridge Street, outside The Octagon	SO 49445 59606 Pit 253	Tarmac >> tarmac sub base >> indurated concrete sub-base >> loose light brown clayey sand >> loose light brown sand	NAI
07/06/06	Outside No 6a Bridge Street	SO 49485 59571 Pit 254	Tarmac >> tarmac sub base >> loose gravel trench fill	NAI
08/06/06	Bridge Street, 15m S of junction with Ridgemoor Road	SO 49445 59610 Pit 255	Tarmac >> compact stone hardcore >> firm reddish-brown silty clay with frequent gravel, occasional CBM and concrete fragments >> firm dark greyish-brown silty clay, frequent subangular stones and gravel	NAI
13/06/06	Opposite Euphoria Nightclub, adjacent to pedestrian crossing	SO 49605 58840 Pit 256	Brick paving >> loose sand >> loose reddish clay sand and gravel >> friable reddish-brown sandy clay	NAI
14/06/06	Outside No 19 Westcroft	SO 49069 58902 Pit 257	Tarmac >> firm mid reddish-brown clay and occasional medium rounded stones	NAI
14/06/06	Outside No 7 Westcroft, junction with Sandpits	SO 49159 58934 Pit 258	Soft light brown silty sand topsoil >> soft mid brown silty sand with occasional angular sandstone fragments >> friable reddish-brown clayey sand, moderate angular sandstone >> loose pinkish-red gravelly sandy clay	NAI
14/06/06	Westfield Walk, opposite pharmacy	SO 49201 58919 Pit 259	Soft light brown silty sand, moderate pebbles and gravel >> friable greyish- /reddish-brown silty sandy clay with occasional small stones.	NAI
16/06/06	Westfield Walk	SO 49199 59014 Pit 260	Tarmac pavement surface >> compact aggregate sub-base >> friable mid reddish-brown clayey sand with occasional CBM fragments >> firm mid / dark brown silty clay, frequent charcoal flecking, occasional CBM fragments and mortar, moderate small subangular stones and occasional larger pieces of unfroged brick.	NAI

19/06/06	Outside No. 16 Westfield Walk	SO 49235 58847 Pit 261	Tarmac road surface >> concrete and CBM sub-base >> redeposited friable reddish-brown clay, frequent small angular stones >> firm reddish-brown silty clay >> firm yellowish-brown clay, frequent small angular and subangular stones.	NAI
19/06/06	On grass next to No.26 Rylands Road	SO 49267 58782 Pit 262	Friable mid brown sandy clay topsoil >> friable sandy clay with frequent small rounded pebbles and subangular stones >> indurated concrete	NAI
20/06/06	Sandpits, opposite junction with Pump Piece	SO 49178 58802 Pit 263	Tarmac pavement surface >> compact aggregate sub-base >> firm dark brown silty clay with frequent CBM fragments and occasional medium rounded and subangular stones.	NAI
20/06/06	No.47 Sandpits	SO 49168 58673 Pit 264	Tarmac pavement surface >> indurated concrete sub-base >> firm mid reddish-brown silty clay with frequent CBM fragments >> brick hydrant	NAI
20/06/06	Sandpits, junction with Westcroft	SO 49150 58890 Pit 265	Turf >> firm mid to dark brown silty clay, frequent small and medium rounded and subangular stones	NAI
20/06/06	Sandpits, opposite junction with Pump Piece	SO 49168 58830 Pit 266	Tarmac pavement surface >> indurated concrete sub-base >> firm mid reddish-brown silty clay, occasional CBM fragments and medium subangular stones	NAI
20/06/06	Opposite No.12 Sandpits	SO 49183 58780 Pit 267	Tarmac pavement surface >> indurated concrete sub-base >> firm mid reddish-brown silty clay with occasional CBM fragments and medium subangular stones	NAI
26/06/06	Wigmore Road	SO 49272 58542 Pit 268	Tarmac road surface >> asphalt sub-base >> compact concrete and brick >> redeposited firm yellowish-orange sandy clay, occasional small angular stones	NAI
26/06/06	Wigmore Road	SO 49261 58595 Pit 269	Tarmac road surface >> compact blackish-brown grit, clay and stone sub-base >> soft mid orange clay	NAI
27/6/06	Outside No.4 Newmans Close	SO 49286 58660 Pit 270	Concrete wall brace >> tarmac path surface >> compact gravel sub-base >> redeposited firm reddish-brown sandy clay.	NAI
27/06/06	Outside No.18 Croft Street	SO 49412 58574 Pit 271	Tarmac pavement surface >> compact gravel sub-base >> redeposited firm reddish-brown sandy clay >> firm blackish-brown sandy clay fill of former water main trench.	NAI

27/06/06	Outside No.32 Croft Street	SO 49363 58561 Pit 272	Tarmac pavement surface >> compact gravel sub-base >> redeposited firm reddish-brown sandy clay	NAI
28/06/06	Outside No.3 Newmans Close	SO 49284 58664 Pit 273	Tarmac pavement surface >> compact gravel sub-base >> redeposited firm reddish-brown sandy clay	NAI
28/06/06	Outside No.1 Newmans Close	SO 49269 58675 Pit 274	Tarmac pavement surface >> compact gravel sub-base >> redeposited firm reddish-brown sandy clay >> firm blackish-brown sandy clay fill of existing water main trench	NAI
29/06/06	Outside No.3 Newmans Close	SO 49281 58661 Pit 275	Tarmac pavement surface >> compact gravel sub-base >> redeposited firm reddish-brown sandy clay	NAI
29/06/06	Outside No.10 Newmans Close	SO 49259 58668 Pit 276	Tarmac pavement surface >> compact yellowish grit and aggregate sub-base >> compact cement and aggregate deposit >> Firm mid reddish-brown sandy silt clay with occasional medium sandstone and modern brick	NAI
03/07/06	Windsor Place, outside Leominster Building Supplies	SO 49373 48903 Pit 277	Tarmac road surface >> compact gravel sub-base >> redeposited firm reddish-brown sandy clay with moderate post-medieval CBM	NAI
04/07/06	Junction of Windsor Road, opposite Somerfield	SO 49459 58937 Pit 278	Tarmac road surface >> loose gravel backfill >> firm reddish-brown sandy clay	NAI
04/07/06	Windsor Place, outside Police Station	SO 49354 58913 Pit 279	Tarmac road surface >> compact gravel sub-base >> redeposited firm mid brown sandy clay with occasional post-medieval CBM >> firm reddish-brown sandy clay	NAI
04/07/06	Aldermans Meadow, opposite Sunspot	SO 49513 58674 Pit 280	Tarmac road surface >> compact gravel sub-base >> redeposited firm dark brown sandy clay with occasional post-medieval CBM >> firm yellowish-brown sandy clay	NAI
11/07/06	Sandpits, outside garages	SO 49055 58630 Pit 281	Tarmac hard-standing >> compact cement and gravel sub-base >> firm mid / dark reddish-brown silty clay, occasional angular stones >> compact greyish sand and gravel >> firm red sandy silt clay	NAI
13/07/06	Wright Court / Aldermans Meadow, opposite The Summerhouse	SO 49450 58697 Pit 282	Tarmac road surface >> firm red sandy clay, very frequent CBM roofing tiles and brick rubble >> compact greyish stone and sand >> firm mid / dark brown sandy silt clay, occasional small stones	NAI - rubble layer is probably makeshift sub-base or original road surface

18/07/06	Aldermans Meadow, junction with Mortimer Street, outside No 6 Gateway Lane	SO 49512 58673 Pit 283	Tarmac road surface >> loose grey gravel trench fill >> compact sand and stone sub-base >> firm orange sandy silty clay, occasional small stones	NAI
21/07/06	On grassed area to W of Leominster Leisure Centre, Coningsby Road	SO 49678 58650 Pit 284	Topsoil >> firm light reddish-brown sandy silt clay, occasional pebbles and CBM	NAI
24/07/06	On eastern edge of Leominster Leisure Centre car park, Coningsby Road	SO 49771 58641 Pit 285	Topsoil >> firm mid brownish-orange silty clay >> compact grey stone and gritty clay >> firm red sandy clay, frequent pebbles	NAI
25/07/06	Adjacent to No 28 Lammas Close	SO 49957 58630 Pit 286	Loose light brown sandy topsoil >> firm light / mid brown silty clay >> firm reddish-brown sandy clay, moderate small rounded and subangular stones	NAI
27/07/06	Croft Street	SO 49413 58571 Pit 287	Tarmac road surface >> compact tarmac and aggregate >> redeposited firm dark brown sandy clay, occasional post-medieval CBM	NAI
28/07/06	Outside No.4 Croft Street	SO 49485 58579 Pit 288	Tarmac road surface >> Well compacted tarmac and aggregate deposit >> redeposited firm dark brown sandy silt, occasional post-medieval CBM	NAI
28/07/06	Outside No.11a Holland Road	SO 49277 58734 Pit 289	Tarmac road surface >> compact tarmac, cement and aggregate >> compact grey sand and aggregate >> firm reddish-brown sand with frequent small rounded and subangular stones	NAI
01/08/06	Ryelands Road, opposite junction with Orchard End	SO 48970 58439 Pit 290	Tarmac road surface >> compact tarmac and aggregate >> compact yellow sand >> friable dark reddish-brown silty clay, occasional medium subangular stones >> friable greyish-brown sandy clay, frequent small pebbles	NAI
02/08/06	Outside No.39 Mortimer Street	SO 49337 58615 Pit 291	Tarmac road surface >> bitumen and tarmac >> compact aggregate >> friable redeposited dark reddish-brown silty clay, occasional rounded pebbles and post-medieval CBM	NAI
03/08/06	Ryelands Road, opposite junction with Mortimer Street	SO 49163 58604 Pit 292	Tarmac road surface >> compact grey aggregate >> bitumen sub-base >> friable redeposited dark reddish-brown sandy clay, occasional rounded pebbles	NAI
03/08/06	Ryelands Road, opposite junction with Mayern Close	SO 49138 58582 Pit 293	Tarmac road surface >> aggregate sub-base >> soft reddish-brown sandy clay occasional small stones	NAI

04/08/06	Junction Croft Street / Mortimer Place	SO 49480 58600 Pit 294	Tarmac road surface >> compact brick rubble >> compact gravel sub-base >> friable light reddish-brown clayey silt.	NAI
02/08/06	Outside Foxdale, Mortimer Street	SO 49189 58598 Pit 295	Tarmac road surface >> loose mid brown gritty sand >> loose black cinder >> friable redeposited dark brown silty clay, occasional small pebbles	NAI
07/08/06	Croft Street, opposite Churchill Avenue	SO 49317 58550 Pit 296	Tarmac road surface >> aggregate sub-base >> firm redeposited dark brown sandy clay, occasional small subangular stones.	NAI
07/08/06	Opposite No.32 Croft Street	SO 49360 58565 Pit 297	Tarmac road surface >> aggregate sub-base >> redeposited friable dark brown sandy clay, occasional small subangular stones.	NAI
08/08/06	Outside No. 19 Mortimer Street	SO 49419 58642 Pit 298	Tarmac road surface >> aggregate sub-base >> redeposited friable dark brown sandy clay, occasional small subangular stones and post-medieval CBM	NAI
08/08/06	Outside No. 18 Mortimer Street	SO 49256 58604 Pit 299	Tarmac road surface >> aggregate sub-base >> redeposited friable dark brown sandy clay, occasional small subangular stones and post-medieval CBM	NAI
08/08/06	Outside No.16 Croft Street	SO 49430 58573 Pit 300	Tarmac road surface >> aggregate sub-base >> redeposited friable dark brown sandy clay, occasional small subangular stones and post-medieval CBM	NAI
09/08/06	Outside No. 37 Mortimer Street	SO 49358 58593 Pit 301	Tarmac road surface >> aggregate sub-base >> redeposited yellowish-brown silty clay, occasional medium subangular stones and post-medieval CBM	NAI
10/08/06	Dukes Walk	SO 49899 58935 302	Tarmac road surface >> aggregate and tarmac sub-base >> redeposited friable dark brown sandy clay, occasional small subangular stones and post-medieval CBM	NAI
10/08/06	Driveway of The Cedars, Pinsley Road	SO 49937 59118 Pit 303	Tarmac road surface >> aggregate sub-base >> redeposited friable dark brown sandy clay, occasional small subangular stones and post-medieval CBM	NAI
14/08/06	Junction Mortimer Street / Aldermans Meadow	SO 49505 58666 Pit 304	Tarmac road surface / concrete kerbing >> friable blackish-brown gritty clay, frequent CBM and stone chippings >> redeposited friable dark brown sandy clay, occasional small subangular stones and post-medieval CBM	NAI

14/08/06	Outside No. 22 Mortimer Street	SO 49239 58594 Pit 305	Tarmac road surface >> friable blackish-brown gritty clay with frequent CBM and stone chippings >> redeposited friable dark brown sandy clay, occasional small subangular stones and post-medieval CBM	NAI
15/08/06	Dukes Walk	SO 49928 59031 Pit 306	Concrete footpath >> friable sandy silt clay >> firm yellowish-brown gritty sand and aggregate >> firm reddish-brown silty clay with occasional small angular stones	NAI
15/08/06	Dukes Walk	SO 49936 59034 Pit 307	Tarmac pavement surface >> indurated concrete >> compact gritty clay, aggregate and CBM fragments >> firm reddish-brown silty clay	NAI
15/08/06	South Street, opposite Gateway Lane	SO 49591 58653 Pit 308	Tarmac road surface >> compact dark brown sandy clay and aggregate >> redeposited friable orange silty clay with occasional small subangular stones, animal bones and post-medieval CBM	NAI
16/08/06	Gateway Lane	SO 49567 58662 Pit 309	Tarmac / concrete footpath surface >> compact dark brown sand and aggregate sub-base >> former footpath surface >> redeposited friable orange silty clay	NAI
16/08/06	Ryelands Road	SO 49170 58697 Pit 310	Tarmac road surface >> compact tarmac and stone sub-base >> friable reddish-orange sand with frequent medium / large pebbles >> firm brownish-red silty clay	NAI
17/08/06	South Street, outside Floorstyles	SO 49605 58618 Pit 311	Tarmac road surface >> compact dark brown sandy clay, concrete and aggregate sub-base >> friable redeposited dark brown sandy clay with occasional small subangular stones and post-medieval CBM >> firm red silty clay with moderate glass, animal bone and post-medieval ceramics	NAI
22/08/06	Ryelands Road, opposite Newman House	SO 49192 58638 Pit 312	Tarmac road surface >> compact blackish grey grit and aggregate sub-base >> friable reddish-brown silty clay, occasional angular stones.	NAI
22/08/06	Grassed area W of Leominster Leisure Centre car park	SO 49678 58633 Pit 313	Friable grey sandy clay >> firm reddish-brown sandy silt clay, occasional small angular stones >> loose reddish-brown sandy gravel	NAI

21/08/06	Gateway Lane	SO 49531 58675 Pit 314	Tarmac footpath surface >> loose mid brown sand with frequent small rounded pebbles >> friable greyish-brown silty clay (C19 foundation trench backfill) >> firm redeposited silty clay	NAI
23/08/06	Ryelands Road, opposite Newman House	SO 49228 58648 Pit 315	Tarmac road surface >> compact gravel sub-base >> cement >> firm silty clay with occasional angular stones	NAI
29/08/06	Outside No.26 Westfield Walk	SO 49299 58728 Pit 316	Tarmac road surface >> compact gravel sub-base >> loose orange sand, frequent C20 CBM	NAI
29/08/06	Outside No.26 Westfield Walk, 1m SE of previous pit	SO 49294 58744 Pit 317	Tarmac pavement surface >> compact pink gravel sub-base >> compact grey gravel fill of utility trench >> friable redeposited dark brown sandy clay, occasional small sub-angular stones and post-medieval CBM	NAI
29/08/06	Ryelands Road, opposite junction with Holland Road	SO 49259 58750 Pit 318	Tarmac pavement surface >> compact pink gravel sub-base >> compact grey gravel utility trench fill >> redeposited firm dark brown sandy clay, occasional small sub-angular stones and post-medieval CBM	NAI
30/08/06	Opposite No.11 Ryelands Rd	SO 49294 58782 Pit 319	Tarmac road surface >> tarmac and gravel sub-base >> compact grey gravel utility trench fill >> firm redeposited dark brown sandy clay, occasional small subangular stones and post-medieval CBM	NAI
30/08/06	Outside No.16 Churchill Avenue	SO 48428 58501 Pit 320	Tarmac road surface >> indurated concrete sub-base >> loose crushed brick sub-base >> loose grey gravel utility trench fill >> firm redeposited reddish-brown sandy clay	NAI
30/08/06	Opposite No.1 George Street	SO 49427 58447 Pit 321	Tarmac pavement surface >> compact grey gravel sub-base >> redeposited firm dark brown sandy clay, occasional small subangular stones and post-medieval CBM >> firm reddish-brown sandy clay	NAI
31/08/06	In road, outside No.7 Perseverance Road	SO 49164 59096 Pit 322	Tarmac road surface >> compact brick and aggregate sub-base >> firm redeposited dark brown sandy clay, occasional small subangular stones and post-medieval CBM	NAI
31/08/06	In road, outside 5a Perseverance Road	SO 49153 59093 Pit 323	Tarmac road surface >> compact brick and aggregate sub-base >> firm redeposited dark brown sandy clay, occasional small subangular stones and post-medieval CBM	NAI

31/08/06	In road, opposite No.3 Perseverance Road	SO 49168 59077 Pit 324	Tarmac road surface >> compact brick and aggregate sub-base >> firm redeposited dark brown sandy clay, occasional small subangular stones and post-medieval CBM	NAI
31/08/06	In road, outside No. 70b Perseverance Road	SO 49179 59055 Pit 325	Tarmac road surface >> compact brick and aggregate sub-base >> firm redeposited dark brown sandy clay, occasional small subangular stones and post-medieval CBM	NAI
31/08/06	In road, outside No.15a Perseverance Road	SO 49145 59138 Pit 326	Tarmac road surface >> compact brick and aggregate sub-base >> firm redeposited dark brown sandy clay, occasional small subangular stones and post-medieval CBM	NAI
31/08/06	In road, opposite garage of No.17 Perseverance Road	SO 49143 59148 Pit 327	Tarmac road surface >> compact aggregate sub-base >> firm redeposited dark brown sandy clay, occasional post-medieval CBM	NAI
01/09/06	In pavement, adjacent to Aldi store entrance	SO 49471 58858 Pit 328	Brick pavement surface >> loose grey gravel backfill >> fir redeposited mid brown sandy clay, occasional small subangular stones and post-medieval CBM	NAI
04/09/06	Ryelands Road, outside Westbury House	SO 49409 58834 Pit 329	Tarmac road surface and sub-base >> compact indeterminate brown / grey gritty clay and aggregate >> compact light greyish-brown aggregate >> firm mid red silty clay	NAI
04/09/06	Ryelands Road, outside BT building, in road	SO 49399 58805 Pit 330	Tarmac road surface >> bitumen sub-base >> friable light brown silty clay and aggregate >> firm reddish silty clay, frequent stones in upper fill	NAI
04/09/06	Ryelands Road, outside Police Station, in road	SO 49386 58804 Pit 331	Tarmac road surface >> bitumen layer >> friable light brown sand and aggregate >> firm redeposited reddish sand silt clay, frequent stones in upper fill	NAI
04/09/06	Ryelands Road, outside entrance to SLG Beauty	SO 49422 58834 Pit 332	Tarmac road surface >> compact gravel sub-base >> firm redeposited reddish-brown sandy clay, frequent small pebbles and occasional CBM >> loose grey gravel fill	NAI
04/09/06	In road, opposite No 1 Ryelands Road	SO 49458 58837 Pit 333	Tarmac road surface kerb bracing >> redeposited friable reddish-brown sandy clay, occasional tarmac fragments and CBM >> loose grey gravel trench fill	NAI

06/09/06	Ryelands Road, opposite Leominster Police Station, 10m E of Westbury House	SO 49452 58827 Pit 334	Tarmac >> compact sub-base with occasional medium to large subangular stones >> friable light greyish-brown silty clay, frequent small medium angular and subangular and sub angular stones >> friable dark reddish-brown silty clay, occasional CBM and medium angular stone fragments and frequent medium to large subangular and rounded sandstone fragments	NSA – Two stone roof tiles
07/09/06	Opposite No 106 The Meadows	SO 49115 59258 Pit 335	Tarmac pavement surface >> concrete / gravel sub-base >> redeposited firm reddish-brown sandy clay occasional post-medieval CBM	NAI
07/09/06	Outside No 45 The Meadows	SO 49108 59377 Pit 336	Tarmac road surface >> compact gravel sub-base >> loose gravel fill >> redeposited friable reddish-brown sandy clay, occasional CBM >> friable reddish-brown sandy clay	NAI
08/09/06	Outside No 83 The Meadows, on corner	SO 49137 59225 Pit 337	Tarmac footpath >> cement sub base >> firm mid brown silt clay, occasional angular stones >> soft reddish-brown silty clay	NAI
11/09/06	Outside No 83 The Meadows, 10m E of previous pit in this location	SO 49145 59230 Pit 338	Tarmac pavement >> cement and asphalt sub-base >> loose reddish gritty clay, occasional small angular stones, ash, bone fragments, pottery >> friable orange silty clay	NAI
12/09/06	Junction Vicarage Street / Hampton Gardens	SO 49552 59291 Pit 339	Tarmac road surface >> firm sandy clay, stony >> firm reddish silty clay, CBM flecking, moderate pebbles & angular stones >> loose aggregate trench fill	NAI
12/09/06	Junction Vicarage Street / Bridge Street	SO 49583 59278 Pit 340	Tarmac road surface >> loose grey aggregate >> heavily disturbed friable dark brownish-red gritty clay, occasional chippings & CBM	NAI
13/09/06	Bridge Street, near Kenwater Bridge, opposite Arkwright Close	SO 49563 59307 Pit 341	Tarmac road surface >> compact aggregate sub-base >> weakly cemented aggregate, pebbles & reddish gritty sand	NAI
13/09/06	Bridge Street, in road opposite factory shop	SO 49585 59291 Pit 342	Tarmac road surface >> indurated concrete aggregate >> compact reddish sand aggregate >> weakly cemented blackish clay aggregate and grit >> firm orange sandy clay, frequent red sandstone, angular stones	NAI

14/09/06	Bridge Street, opposite junction with Vicarage Street, in centre of road	SO 49588 59257 Pit 343	Tarmac road surface >> loose greyish aggregate trench fill >> black asphalt aggregate sub-base >> firm yellow silt clay, very frequent angular sandstone >> loose pinkish sand and gravel trench fill >> redeposited firm red silty clay	NAI
19/09/06	Corner New Street / Bridge Street	SO 49525 59243 Pit 344	Concrete kerbing >> tarmac >> indurated concrete >> compact gravel sub-base >> compact stony sub-base >> earlier tarmac deposit >> loose brick rubble layer >> firm mid reddish-brown sandy clay >> concrete casing >> loose greyish gravel >> firm mid brownish-red silty clay	NAI
19/09/09	New Street, outside entrance gate to The Barometer Shop	SO 49550 59230 Pit 345	Paving blocks >> concrete kerbing >> indurated concrete sub-base >> firm dark reddish-brown silty clay, moderate medium and large rounded and subangular stones	NAI
21/09/06	Junction Townsend Close / Green Lane	SO 49218 59148 Pit 346	Tarmac road surface >> well cemented stone sub-base >> firm reddish-brown sandy clay, moderate small and medium rounded stones	NAI
21/09/06	Outside No 4 Townsend Close	SO 49215 59138 Pit 347	Tarmac road surface >> well cemented stone sub-base >> firm reddish-brown silty clay, moderate small and medium rounded stones	NAI
21/09/06	Outside No 6 Townsend Close	SO 49218 59125 Pit 348	Tarmac >> compact stony sub-base >> firm mid brown silty clay, moderate small and medium rounded and subangular stones	NAI
21/09/06	Outside No 10 Townsend Close	SO 49215 59115 Pit 349	Tarmac >> compact stone sub-base >> firm mid brown silty clay, moderate small and medium rounded and subangular stones	NAI
21/09/06	Outside No 10 Townsend Close	SO 49213 59103 Pit 350	Tarmac >> compact stone sub-base >> firm reddish-brown silty clay, moderate medium rounded stones >> brick valve chamber	NAI
21/09/06	Outside No 14 Townsend Close	SO 49225 59095 Pit 351	Tarmac >> compact stone sub-base >> well compacted mid brown silty clay, moderate small and medium rounded and subangular stones	NAI
21/09/06	Outside No 16 Townsend Close	SO 49240 59095 Pit 352	Tarmac >> compact stone sub-base >> firm mid brown silty clay >> firm brownish-red sand (fill of cut for water pipe)	NAI

21/09/06	Outside No 18 Townsend Close	SO 49250 59088 Pit 353	Tarmac >> compact stone sub-base >> firm mid brown silty clay, occasional moderate small and medium rounded and subangular stones	NAI
21/09/06	Outside No 18 Townsend Close	SO 49257 59083 Pit 354	Tarmac >> well cemented stone >> firm mid reddish-brown silty clay, moderate small and medium rounded and subangular stones	NAI
21/09/06	Outside No 20 Townsend Close	SO 49260 59085 Pit 355	Tarmac >> well cemented stone >> firm reddish-brown silty clay, frequent medium rounded stones	NAI
21/09/06	Outside No 22 Townsend Close	SO 49272 59085 Pit 356	Tarmac >> concrete kerbing >> compact stone sub-base >> firm reddish-brown silty clay, frequent medium rounded stones	NAI

5.2 Further Information and Interpretation

5.2.1 Introduction

Two features of probable post-medieval date were identified during the course of excavations carried out in Green Lane, a road running E-W from New Street to Pierrepoint Road and Ginhall Lane. Green Lane partly lies within a holloway (SMR No. 19529) identified on the OS 1st edition map of 1887 (XII.15) and later maps and may be a continuation of New Street, reference to which occurs towards the end of the 14th century; Green Lane may thus have a medieval origin. If this is the case, a crossing over the medieval defences (probably comprising a ditch and rampart with timber palisade), the line of which has been established with some certainty, must have existed at a point close to the junction of Green Lane and Oldfields Close (SO 4935 5917) and it has been suggested that this was the site of a gatehouse and bridge (SMR No. 21953; Buteux 1996, 10). The post-medieval features identified were both linear in form and appear to have been drainage channels. The first was located at the junction of Green Lane and New Street at a depth of 1.3m and appears to have been aligned approximately NE-SW (see 5.2.2); it seems probable that this feature was a drain associated with the properties situated on the S side of Green Lane, which are of 17th and 18th century date but which occupy medieval burgage plots (SMR No. 21954). The second feature lay immediately beneath the modern road surface and was of coursed sandstone construction with sandstone capping stones, most of which appear to have been dislodged during the laying of the original water main (see 5.3.3). The feature had been truncated on its southern side but appears originally to have comprised a covered stone-lined channel and may well have been a drainage feature associated with 18th or 19th century road improvements. Such improvements carried out in Green Lane would have been paid for by charges collected at the tollgate situated diagonally across New Street at a point below Cranes Lane (Reeves 1972, 128), which is shown on Gallier's 1832 plan of Leominster (**Fig. 2**).



Fig. 2: Extract from Gallier's 1832 plan of Leominster. The shaded area shows the E end of Green Lane and its junction with New Street. Features mentioned in the text include several 17th and 18th century properties located on the S side of Green Lane and the tollgate situated diagonally across the Green Lane/New Street junction

5.2.2 Remains of post-medieval drain located at the junction of Green Lane & New Street (SO 49430 59160)

During the excavation of a pit (Pit 150) at the junction of Green Lane & New Street (SO 49430 59160) (oriented SW-NE and measuring 3.8m x 1.6m x 1.2m) the remains of a truncated drain were identified at a depth of approximately 1.2m below existing ground level (**Plate 1; Fig. 3**).

Beneath the tarmacadam road surface (101: 0-0.2m) and sub-base (102: 0.2-0.8m) within the SW-facing section was the near vertical cut of the existing water main [104]. This was cut through a firm reddish-brown silty clay containing frequent small & medium stones and CBM fragments (103: 0.8-2m). Underlying this deposit was a brick-lined drainage feature (107: 2-2.8m). At the base of the trench at a depth of approximately 2.8m was a friable reddish-brown clay with frequent gravel inclusions (106). A single sherd of 18th century Staffordshire ware was recovered from the base of the trench.

The drain measured 0.8m high and 1m wide and was of red brick construction with sandstone capping stones.



Plate 1: View E showing location of remains of brick drain

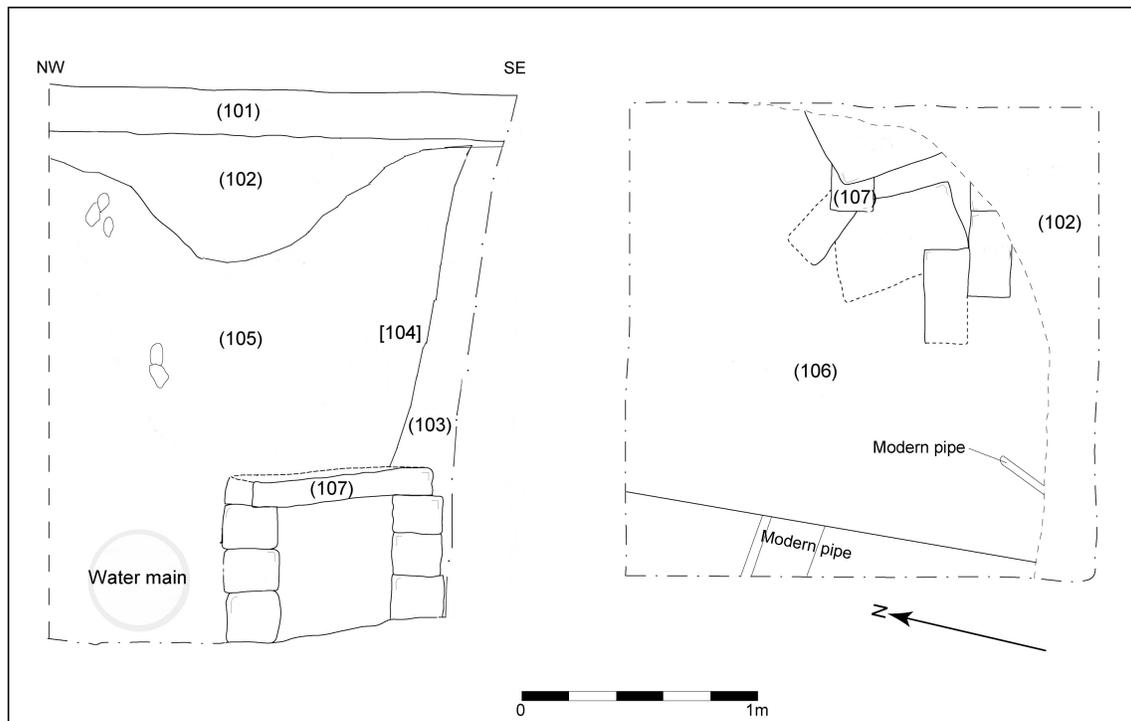


Fig. 3: SW-facing section and plan of brick drain

5.2.3 Remains of a stone-built culvert located at the junction of Green Lane, Oldfields Close and Townsend Court (SO 49352 59153)

The excavation of a pit (Pit 248) at the junction of Green Lane, Oldfields Close and Townsend Court (SO 49352 59153) (oriented W-E and measuring 2.5m x 1.2m x 2m)

revealed the remains of a stone-built linear feature running E-W were identified immediately underlying the modern road surface (**Plates 2 & 3; Fig. 4**).



Plate 2: View N showing construction of stone-built linear feature



Plate 3: View N showing location of linear within the S-facing section

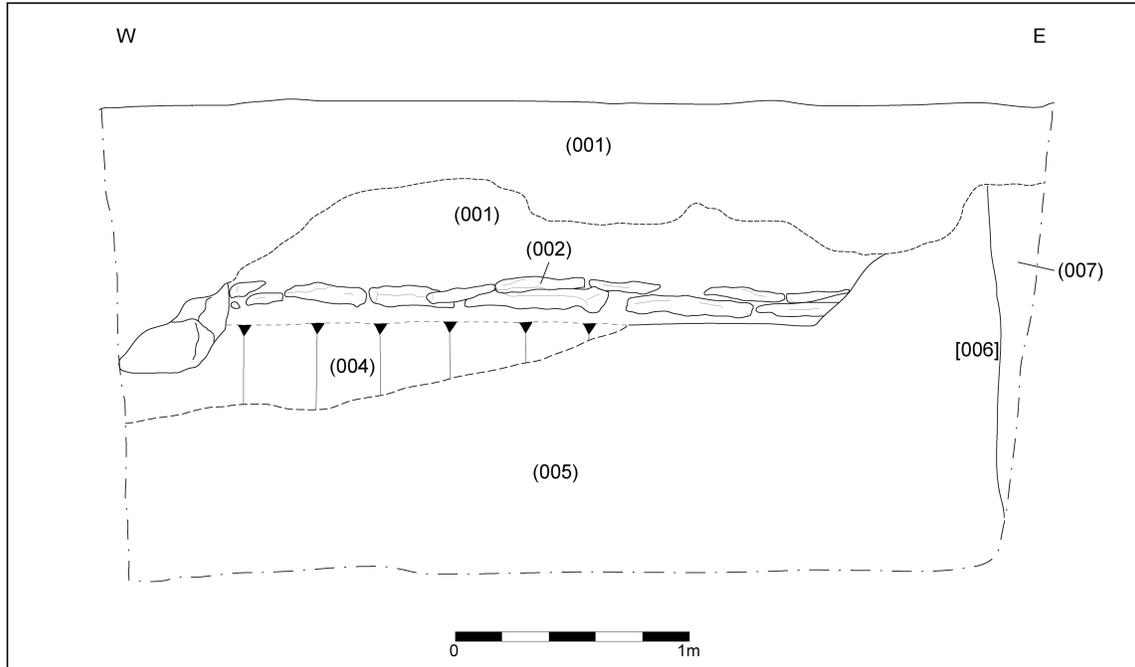


Fig. 4: S-facing section



Plate 4: Sherd of English slipware c.1700

Located within the S-facing and E-facing sections were the remains of a stone-built linear feature (002 0.2-0.6m), on the same E-W alignment as Green Lane, immediately underlying the modern road surface (001: 0-0.2m). The feature was constructed of unbonded coursed sandstone slabs with large capping stones above. It thus appears that this feature originally formed a channel of some kind. The feature had evidently been truncated on the S side when the original water main was laid. The depth of the feature could not be ascertained owing to its limited exposure; however, several very large sandstone blocks were located in the bottom of the trench, one of which was angular in form and measured 0.8m x 0.4m x 0.1m. The feature was associated with a firm dark greyish-brown silty clay (004). At the base of the trench was a firm reddish-brown clay with very frequent charcoal and mortar flecking and CBM, which produced a single large sherd of English slipware c.1700 (**Plate 4**) and two pieces of 19th century pantile (005).

5.2.4 Post-medieval culvert located off Worcester Road, near railway line, beneath the former Worcester Road railway bridge (SO 50299 58400)

A culvert of post-medieval date was located in a pit (Pit 71) excavated off Worcester Road. The pit was oriented N-S and measured 2.7m x 2m x 1.1m (**Plate 5**).

Underlying the topsoil (201: 0-0.2m) was a black ashy layer (202: 0.2-0.3m). This ashy material overlay a course of frogged brick (203: 0.3-0.4m) with a gravel bedding layer beneath (204: 0.4-0.6m). Underlying (204) was a friable mid brown clayey silt with moderate CBM inclusions (206: 0.6-1m) and, at the base of the trench, the upper surface of a culvert (207).



Plate 5: Culvert located off Worcester Road, near railway line, under the former Worcester Road railway bridge

The culvert was of redbrick construction and may well be associated with the construction of the railway in the mid to late 19th century.

5.2.5 Other features located during the groundworks

A number of additional features were also identified at various locations throughout the town during the programme of groundworks.

Pit 103 outside No. 14 Cheaton Close (SO 49570 59604), located in an area known as The Marsh, revealed a waste pit containing a high frequency of animal bone and horncores. It seems likely that this material represented waste either from tanning or butchery, tanning, in particular, being an important industry in Leominster from the medieval period (Buteux 1996, 12). Animal bone and horncores were also found during the archaeological recording of underpinning work at the Hop Pole Inn on Bridge Street in 1994 (SMR No. 21465), suggesting that tanning and possibly bone-working were taking place close to the site, which is located at the S end of Bridge Street, formerly known as Lower Marsh. This waste may have been associated with a site known as the Tanhouse, located immediately opposite the Hop Pole Inn, on the corner of Mill Street and Bridge Street. Occupying a block of land with streams (now diverted and canalised) on both sides, the site had probably been an industrial area since the medieval period, although the existing building is post-medieval. Several individuals are listed as being engaged in tanning or related industries in this part of Leominster during the mid 19th century. A tanner named John Caswell Davies is recorded in the 1841 census as occupying premises in Lower Marsh and *Lascelles Directory of Herefordshire, 1851* mentions Joseph Coleman, a leather-dresser, and several butchers, all of whom occupied premises in Middle Marsh at this time.

Pit 157 located at the junction of Thomas Court & Green Lane (SO 49350 59160) revealed two large unworked sandstone blocks in N- & E-facing sections at a depth of c.0.5m. These remains were located close to the stone channel described in 5.2.3 and may also have been associated with road improvement activity.



Plate 6: Deposits containing frequent CBM revealed during excavations in Rainbow Street

Pit 172 located at the corner of Rainbow Street & Burgess Street (SO 49459 59102) revealed a firm reddish-brown sandy clay containing very frequent CBM & occasional large angular stones (**Plate 6**). Similarly, Pit 173 located outside No 21 Rainbow Street (SO 49452 59098) revealed a firm reddish-brown sandy clay containing CBM, possibly representing the remains of wall structure.

Located in Pinsley Road, outside Holly Cottage, (SO 50103 58956) was a pit (Pit 205) containing fragmentary 18th century pottery and a section of brick wall constructed in ½ running bond; the date and function of this wall could not be established. Two stone roof tiles were found in Pit 334 to the E of Westbury House in Ryelands Road (SO 49452 58827).

6. Conclusion

The archaeological observation revealed a number of post-medieval features, including three drainage features of 18th or 19th century date.

The first of these was a brick drain with sandstone capping stones located at the junction of Green Lane and New Street at a depth of 1.6m. The drain appears to have been aligned approximately NE-SW and was thus probably associated with several 17th and 18th century properties situated on the S side of Green Lane.

The second feature lay beneath the modern road surface at the junction of Green Lane, Oldfields Close and Townsend Court and was of coursed sandstone construction with sandstone capping stones. The feature had been badly damaged on its southern side during the laying of the original water main but appears to have comprised a covered drainage channel, possibly associated with road improvements carried out in the late 18th or early 19th century. A pit excavated at the junction of Green Lane and Thomas Court revealed two large unworked sandstone blocks at a depth of c.0.5m and these may also have been associated with road improvement works.

A post-medieval drain or culvert revealed at the base of a pit located off Worcester Road, beneath the former Worcester Road railway bridge, was of brick construction and may well have been associated with the construction of the Shrewsbury & Hereford Railway in the mid 19th century.

A number of additional features were identified at various locations throughout the town.

A waste pit containing animal bone and horncores was found at Cheaton Close, a modern housing development in an area of Leominster known as The Marsh. This material was probably either tanning or butchery waste: several individuals are listed as being engaged in tanning or related industries in this part of Leominster during the mid 19th century.

The majority of deposits revealed during the engineering works had been disturbed by previous utility activity; however, the archaeological observation programme confirmed that no structures, features or deposits of archaeological significance were damaged during the course of the engineering works.

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SITE SUMMARY

Report Name & Title	Archaeological Observation of Midsummer Meadows Leominster Water Network Scheme
Contractor's Name and Address	Border Archaeology, PO Box 36, Leominster, Herefordshire, HR6 OYQ
Site Name	Midsummer Meadows Leominster
Grid Reference	SO 496 590 Planning Application Number: N/A
SMR number/s of site	44439
Date of Field Work	4 th July 2005 - 21 st September 2006
Date of Report	December 2006
NUMBER AND TYPE OF FINDS	
Pottery	Period: Post-medieval Number of sherds: 10
Other	Period: CBM Quantity: 8
NUMBER AND TYPE OF SAMPLES COLLECTED	
Sieving for charred plant remains	No of features sampled N/A No of buckets N/A
C¹⁴/scientific dates	No and Type N/A Result N/A
Pollen	No of columns/spot samples N/A Name of pollen specialist N/A
Bone	Number of buckets sieved for bone N/A Quantity Recovered N/A Period N/A
Other	Type and specialist N/A
Summary of the report	<p>Archaeological observation of groundworks forming part of the Midsummer Meadows Leominster mains refurbishment scheme revealed the following features:</p> <p>1/ A post-medieval brick drain with sandstone capping stones probably associated with several 17th and 18th century properties situated on the S side of Green Lane.</p> <p>2/ A covered drainage channel possibly associated with road improvements carried out in the 18th or early 19th century. This feature lay beneath the modern road surface at the junction of Green Lane, Oldfields Close and Townsend Court and was of coursed sandstone construction with sandstone capping stones, although it had been badly damaged on its southern side during the laying of the original water main. A pit excavated nearby at the junction of Green Lane and Thomas Court revealed two large unworked sandstone blocks at a depth of c.0.5m; these may again have been associated with road improvement works.</p> <p>4/ A brick culvert located off Worcester Road, which may well have been associated with the construction of the Shrewsbury & Hereford Railway in the 1850s.</p> <p>5/ A pit located at Cheaton Close containing animal bone and horncores, probably representing waste either from tanning or butchery.</p> <p>The majority of deposits revealed during the engineering works had been disturbed by previous utility activity.</p>