

Archaeological Impact Assessment

In support of an application for a Cycle Hire docking station adjacent to:

Peninsular House, Monument Street, EC3R

Status: Final Version: A

Date: September 2011





















Executive Summary

Mott Macdonald have been commissioned on behalf of Transport for London (TfL), to undertake an Archaeological Impact Assessment (AIA) covering the proposed Cycle Hire docking station on the southern side of Monument Street, City of London.

The docking station site lies within an Archaeological Priority Area. A search of the Greater London Historic Environment Record identified a total of 223 archaeological sites, findspots and monuments within a 150m study area around the proposed docking station site.

There are five scheduled monuments located within 150m of the site (LO34 Fishmongers' Hall. LO117 Billingsgate Market, LO45 Watermen's Hall, LO19 Roman hypocaust and building on site of coal exchange and LO20 Monument). Archaeological investigations at Peninsular House, adjacent to the site, revealed Roman and medieval deposits. There is considered to be a high potential for significant archaeological activity dating to all periods.

The proposed foundations will not impact Roman or medieval archaeological deposits, but there is the possibility that post-medieval archaeology may be present below the made ground, which may be impacted by the foundations and therefore an archaeological watching brief is recommended.

Introduction

The Scheme

TfL is proposing an expansion of the current Barclays Cycle Hire scheme. This will necessitate the installation of approximately 200 new and expanded docking stations, including some in the existing zone.

Full planning permission is required for each new or expanded site and the TfL Cycle Hire Consents Team will be preparing and submitting the necessary applications during 2011.

Archaeological Impact Assessments have been prepared for docking stations within Archaeological Priority Areas (APAs) where archaeological features will potentially be encountered at shallow depth.

Each docking station comprises a terminal and a number of docking points. Groundwork will be required for the terminal foundations and the docking point foundations.

The majority of the sites will be constructed using standard foundations which require excavation of a trench to a depth of c. 450mm and a width of c. 750mm. This depth and the extent of excavation will depend on site conditions, including the location of utilities, and will therefore vary.

Site Description

The docking station site is located in the City of London on the footway on the southern side of Monument Street, NGR: TQ 33000 80701. The site currently comprises a public carriageway and the ground surface comprises granite setts and rolled asphalt..



Methodology

Objectives

This Archaeological Impact Assessment details the results of an assessment of the nature of the archaeological and built heritage resource within the site of the Cycle Hire docking station and surrounding study area. Where possible, the AIA will assess the likely impact upon the known and potential heritage resources which will result from the proposed development scheme.

This report will include recommendations for further archaeological works where the archaeological potential of the site or value warrants, or where additional information on the site is required. Such works would likely comprise a programme of archaeological watching brief.

The information and conclusions presented in this assessment are subject to the review and approval by the Greater London Archaeology Advisory Service (GLAAS) archaeological advisors to City of London Corporation.

Sources Consulted

A study area extending 150m from the boundaries of the site has been used to assess the likely nature and extent of the archaeological and built heritage resource. The Greater London Historic Environment Record (GLHER) database of archaeological sites, finds, events, monuments, listed buildings and designations is the primary source of information concerning the current state of archaeological and architectural knowledge in the study area.

This information forms the description of the heritage baseline conditions, together with an assessment of archaeological and historical information from web based and in-house sources and available cartographic evidence for the study area.

Consultation

Consultation on this scheme will be undertaken with the archaeological officers at the Greater London Archaeology Advisory Service as part of a wider discussion and scoping exercise.

Baseline Conditions

Ground Conditions

The upper below ground conditions within the specific location of the docking station site are currently unknown, however they are expected to comprise deposits of modern made ground.

The British Geological Survey map (BGS) indicates that the underlying geological conditions at the site comprise London Clay overlain by Taplow Gravel Formation sand and gravel.

Cartographic Background

The earliest available map is a reconstruction of a plan originally drawn in the early 1530s. Monument Street does not yet exist. The area close to the site is shown with small two and three storey

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structures fronting onto Lower Thames Street and Botolph Street situated around an inner courtyard. A similar situation is presented in Newcourt's map of 1658.

Stow's parish map of 1754 shows little real change in the area surrounding the site. The land-use appears similar, though it seems that larger structures, possibly warehouses associated with the docks, front onto Botolph Lane and Thames Street.

By 1875 the land between Botolph Lane, Love Lane (now Lovat Lane), Lower Thames Street and Eastcheap is almost entirely infilled with tenements and public houses. Two unnamed squares or courtyards are present close to the location of the site.

The 1896 Town Plan shows Monument Street, though it is unclear whether a building stood adjacent to the site, in the current location of Peninsular House.

By 1958-1966 the land adjacent to the site, to the south-west, is occupied by Billingsgate Buildings, though no details of their structure are depicted.

By 1995 the size of the standing building adjacent to the site has contracted, it is no longer shown to meet the tip of Monument Street at its junction with Lower Thames Street.

Archaeological and Historic Background

Within the 150m study area around the proposed docking station site, the Greater London Historic Environment Record (GLHER) lists a total of 223 sites of identified archaeological Heritage Assets (See Appendix A).

There is a small quantity of prehistoric evidence, some of which indicates that the site is situated on a former Mesolithic marsh (MLO65162). Several later prehistoric findspots are noted in the area around the site.

The site is situated in an area of significant known Roman activity. Scheduled monument LO19, also known as 100 Lower Thames Street, was located at the site of the coal exchange, to the east. The site comprises a Roman bath house and is preserved beneath the extant office block. Roman waterfront activity has also been identified at 100 Lower Thames Street (MLO65123-7, 33220 etc.). Roman features and deposits were identified during archaeological investigations at Peninsular House, adjacent to the site. These included evidence of the first century quay, buildings including a warehouse and refuse deposition (MLO65163-65171).

Scheduled Monument LO117 comprises structures beneath Billingsgate Market dating from the late Roman to post-medieval periods. This is the site of only the second early medieval dock recorded. Early medieval features have been identified at Lovat Lane, to the north-east of the site (MLO65093) and the remnants of a 10th or 11th century structure were discovered at Monument House (MLO76728). Early medieval deposits comprising the remains of a floor and a hearth indicative of a Saxon structure were also identified adjacent to the site at Peninsular House (MLO65172-3).

A medieval building and pit were revealed at Peninsular House (MLO65174-5) and significant medieval settlement evidence has been discovered during archaeological investigations and building works within the area surrounding the site.



On of the most significant events to occur in London during the post-medieval period was the Great Fire of 1666. The fire is known to have started in Pudding Lane, to the north-west of the site, as a result it is highly probable that the buildings on the site were destroyed or at least suffered fire damage. Indeed, the structures shown on the 18th century maps differ considerably to those depicted before the Fire. Mapping information gives a much better representation of the development of buildings and housing in the area. The majority of information from the GLHER for the post-medieval period relates to housing that is not in the immediate vicinity of the site.

During the modern period, London suffered heavy damage during the Second World War with many buildings destroyed, however the study area appears to have been relatively untouched, with the current road and housing layout remaining largely similar to that recorded prior to the war.

Impact Assessment

Construction Impact

The available information on the station site indicates that it will comprise a terminal and 22 docking points, in one docking area (dimensions 18.80m x 2m) and will have standard foundations.

Impact on Archaeological Resource

The area of the proposed docking station site is located on the footway on the southern side of Monument Street close to the Thames waterfront. The earliest mapping information indicates that the street plan has altered little since the 1880s.

The key archaeological potential arises from the location of the site close to five scheduled monuments, its proximity to the Thames waterfront and the known buried archaeology at Peninsular House adjacent to the site.

Investigations at Peninsular House during the late 1970s and early 1980s revealed evidence of occupation from the prehistoric period through to the post-medieval. The natural gravel was reached between 2m to 4m below the current ground surface. The varying depths of the underlying natural geological deposit indicate that the depths of archaeological deposits will also vary. Monument Street was created in the late 19th century and it is likely that the site is underlain by various deposits of made ground from pavements and roadways. There is a potential that the docking station could impact the uppermost deposits dating to the later part of the post-medieval period, although the level of modern made ground in this area is unknown.

Recommendations

Despite the shallow impact of the proposed groundworks, the potential for post-medieval archaeological deposits renders a watching brief a necessary recommendation.

Bibliography

Department Communities and Local Government, 2010, Planning Policy Statement 5: Planning and the Historic Environment, (Published by The Stationary Office)



Department Communities and Local Government, Department of Culture Media and Sport & English Heritage 2010, PPS5 Planning for the Historic Environment: Historic Environment Planning Practice Guide,

Geological Survey of Great Britain (England and Wales) 1994, Sheet 256 North London

Appendix A

<u>Greater London Historic Environment Record Enquiry: Report 9409 Monument Street TQ 33000 80701 150 m radius search</u>

Archaeology

MONUID	PREF. REF.	DATE RANGE	MONUMENT TYPES	NAME
MLO64575	042965/00/00	Prehistoric (500000 BC to 42 AD)	STREAM	41-46 KING WILLIAM ST
MLO65162	043489/00/00	Mesolithic (10000 BC to 4001 BC)	MARSH	PENINSULAR HO
MLO14981	041129/00/00	Neolithic (4000 BC to 2201 BC)	FINDSPOT	LOWER THAMES ST EC3
MLO58706	042836/00/00	Late Bronze Age to Early Iron Age (1000 BC to 401 BC)	LINEAR FEATURE	LOVAT LA
MLO58709	042837/00/00	Late Bronze Age to Roman (1000 BC to 409 AD)	LAND SURFACE, LAND SURFACE, LAND SURFACE	LOVAT LA
MLO15007	041176/00/00	Early Iron Age to Roman (700 BC to 100 AD)	FINDSPOT, FINDSPOT	EASTCHEAP EC3
MLO65123	043452/00/00	Roman (43 AD to 409 AD)	WALL	100 LOWER THAMES ST
MLO65124	043453/00/00	Roman (43 AD to 409 AD)	REVETMENT	100 LOWER THAMES ST
MLO65125	043454/00/00	Roman (43 AD to 409 AD)	DUMP	100 LOWER THAMES ST
MLO65126	043455/00/00	Roman (43 AD to 409 AD)	WATER TANK	100 LOWER THAMES ST
MLO65127	043456/00/00	Roman (43 AD to 409 AD)	WATER PIPE	100 LOWER THAMES ST
MLO16309	041085/00/00	Roman (43 AD to 409 AD)	ROAD	100 LOWER THAMES ST EC3
MLO24893	041080/00/00	Roman (43 AD to 409 AD)	BUILDING, WALL	100 LOWER THAMES ST

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				EC3
MLO26470	041079/00/00	Roman (43 AD to 409 AD)	HOUSE, BUILDING	100 LOWER THAMES ST EC3
MLO33220	041079/03/00	Roman (43 AD to 409 AD)	TESSELLATED FLOOR	100 LOWER THAMES ST EC3
MLO56274	041079/02/002	Roman (43 AD to 409 AD)	TESSELLATED FLOOR	100 LOWER THAMES ST EC3
MLO56275	041079/02/004	Roman (43 AD to 409 AD)	TIMBER FRAMED BUILDING	100 LOWER THAMES ST EC3
MLO56520	041079/02/001	Roman (43 AD to 409 AD)	DRAIN	100 LOWER THAMES ST EC3
MLO56547	041079/01/003	Roman (43 AD to 409 AD)	BENCH	100 LOWER THAMES ST EC3
MLO56609	041079/01/001	Roman (43 AD to 409 AD)	HYPOCAUST	100 LOWER THAMES ST EC3
MLO56948	041079/01/002	Roman (43 AD to 409 AD)	FURNACE	100 LOWER THAMES ST EC3
MLO57090	041079/02/003	Roman (43 AD to 409 AD)	HYPOCAUST, FURNACE	100 LOWER THAMES ST EC3
MLO57093	041079/02/005	Roman (43 AD to 409 AD)	DRAIN	100 LOWER THAMES ST EC3
MLO13414	041016/00/00	Roman (43 AD to 409 AD)	WALL, FLOOD DEFENCES	125 LOWER THAMES ST EC3 (FORMERLY)
MLO32320	041016/01/00	Roman (43 AD to 409 AD)	WALL, PILING	125 LOWER THAMES ST EC3 (FORMERLY)
MLO32320	041016/01/00	Roman (43 AD to 409 AD)	WALL, PILING	125 LOWER THAMES ST EC3 (FORMERLY)
MLO24890	041077/00/00	Roman (43 AD to 409 AD)	BUILDING	14-16 EAST CHEAP EC3
MLO65723	043984/00/00	Roman (43 AD to 409 AD)	WELL	17 FISH ST HILL
MLO65724	043985/00/00	Roman (43 AD to 409 AD)	PIT	17 FISH ST HILL
MLO65725	043986/00/00	Roman (43 AD to 409 AD)	BUILDING	17 FISH ST HILL
MLO66165	044132/00/00	Roman (43 AD to 409 AD)	DUMP	19 ST MARY AT HILL
MLO66166	044133/00/00	Roman (43 AD to 409 AD)	STRUCTURE	19 ST MARY AT HILL
MLO66167	044134/00/00	Roman (43 AD to 409 AD)	GULLY	19 ST MARY AT HILL
MLO13418	041019/00/00	Roman (43 AD to 409 AD)	TESSELLATED FLOOR	25 MONUMENT STOPPOSITE EC3



043190/00/00	Roman (43 AD to 409 AD)		37-40 FISH ST HILL
043191/00/00	Roman (43 AD to 409 AD)	BUILDING	37-40 FISH ST HILL
043192/00/00	Roman (43 AD to 409 AD)	FIRE DEBRIS	37-40 FISH ST HILL
043193/00/00	Roman (43 AD to 409 AD)	SURFACE	37-40 FISH ST HILL
043194/00/00	Roman (43 AD to 409 AD)	DRAIN, GULLY	37-40 FISH ST HILL
041017/00/00	Roman (43 AD to 409 AD)	FLOOR	37-40 FISH ST HILLREAR OF EC3
041018/00/00	Roman (43 AD to 409 AD)	DRAIN	37-40 FISH ST HILLREAR OF EC3
042972/00/00	Roman (43 AD to 409 AD)	DUMP	41-46 KING WILLIAM ST
042967/00/00	Roman (43 AD to 409 AD)	QUAY	41-46 KING WILLIAM ST
042968/00/00	Roman (43 AD to 409 AD)	DUMP	41-46 KING WILLIAM ST
042969/00/00	Roman (43 AD to 409 AD)	RUBBISH PIT	41-46 KING WILLIAM ST
042971/00/00	Roman (43 AD to 409 AD)	WALL	41-46 KING WILLIAM ST
042973/00/00	Roman (43 AD to 409 AD)	DUMP	41-46 KING WILLIAM ST
042970/00/00	Roman (43 AD to 409 AD)	FLOOR	41-46 KING WILLIAM ST
041012/00/00	Roman (43 AD to 409 AD)	WHARF, REVETMENT	43-46 KING WILLIAM ST EC4
041014/00/00	Roman (43 AD to 409 AD)	WAREHOUSE, BUILDING	43-46 KING WILLIAM ST EC4
041012/01/00	Roman (43 AD to 409 AD)	LAND RECLAMATION, DUMP	43-46 KING WILLIAM ST EC4
041013/00/00	Roman (43 AD to 409 AD)	DUMP, FIRE DEBRIS	43-46 KING WILLIAM ST EC4
044777/00/00	Roman (43 AD to 409 AD)	WALL	47-51 KING WILLIAM ST
042173/01/00	Roman (43 AD to 409 AD)	DUMP	BILLINGSGATE BUILDINGS (TRIANGLE) EC3
042995/00/00	Roman (43 AD to 409 AD)	FLOOD DEPOSIT	BILLINGSGATE LORRY PARK
041858/00/00	Roman (43 AD to 409 AD)	QUAY, REVETMENT, WATERFRONT	BILLINGSGATE MARKET EC3
044912/00/00	Roman (43 AD to 409 AD)	BUILDING	Botolph Lane (30-35) [Monument House], London EC3
	043191/00/00 043192/00/00 043193/00/00 043194/00/00 041017/00/00 041018/00/00 042972/00/00 042968/00/00 042969/00/00 042971/00/00 042973/00/00 041012/00/00 041012/01/00 041013/00/00 042975/00/00 041013/00/00 042975/00/00	043191/00/00 Roman (43 AD to 409 AD) 043192/00/00 Roman (43 AD to 409 AD) 043193/00/00 Roman (43 AD to 409 AD) 043194/00/00 Roman (43 AD to 409 AD) 041017/00/00 Roman (43 AD to 409 AD) 041018/00/00 Roman (43 AD to 409 AD) 042972/00/00 Roman (43 AD to 409 AD) 042967/00/00 Roman (43 AD to 409 AD) 042968/00/00 Roman (43 AD to 409 AD) 042969/00/00 Roman (43 AD to 409 AD) 042971/00/00 Roman (43 AD to 409 AD) 042973/00/00 Roman (43 AD to 409 AD) 042973/00/00 Roman (43 AD to 409 AD) 042970/00/00 Roman (43 AD to 409 AD) 041012/00/00 Roman (43 AD to 409 AD) 041012/00/00 Roman (43 AD to 409 AD) 041012/01/00 Roman (43 AD to 409 AD) 041013/00/00 Roman (43 AD to 409 AD) 041077/00/00 Roman (43 AD to 409 AD) 042995/00/00 Roman (43 AD to 409 AD) 042995/00/00 Roman (43 AD to 409 AD) 042995/00/00 Roman (43 AD to 409 AD)	043191/00/00 Roman (43 AD to 409 AD) BUILDING 043192/00/00 Roman (43 AD to 409 AD) FIRE DEBRIS 043193/00/00 Roman (43 AD to 409 AD) SURFACE 043194/00/00 Roman (43 AD to 409 AD) DRAIN, GULLY 041017/00/00 Roman (43 AD to 409 AD) FLOOR 041018/00/00 Roman (43 AD to 409 AD) DRAIN 042972/00/00 Roman (43 AD to 409 AD) DUMP 042967/00/00 Roman (43 AD to 409 AD) DUMP 042968/00/00 Roman (43 AD to 409 AD) RUBBISH PIT 042971/00/00 Roman (43 AD to 409 AD) WALL 042973/00/00 Roman (43 AD to 409 AD) DUMP 042970/00/00 Roman (43 AD to 409 AD) WHARF, REVETMENT 041012/00/00 Roman (43 AD to 409 AD) WAREHOUSE, BUILDING 041014/00/00 Roman (43 AD to 409 AD) LAND RECLAMATION, DUMP 041013/00/00 Roman (43 AD to 409 AD) DUMP, FIRE DEBRIS 044777/00/00 Roman (43 AD to 409 AD) DUMP, FIRE DEBRIS 0442975/00/00 Roman (43 AD to 409 AD) FLOOD DEPOSIT 041858/

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MLO65934	044082/00/00	Roman (43 AD to 409 AD)	DUMP	Botolph Lane (30-35), Monument Street (29-31), EC3
MLO16302	041078/00/00	Roman (43 AD to 409 AD)	BUILDING	EAST CHEAPSITES ALONG THE STREET EC3
MLO1464	040177/00/00	Roman (43 AD to 409 AD)	WALL	EASTCHEAPEC3 S SIDE JUNCTION WITH
MLO98972	MLO98972	Roman (43 AD to 409 AD)	LEVELLING LAYERS, BUILDING, FLOOR, POST HOLE, STAKE HOLE, CESS PIT?, YARD	Fenchurch Street (No. 20) {Series of Roman levels}
MLO65538	043818/00/00	Roman (43 AD to 409 AD)	BRIDGE	FISH ST HILL
MLO65539	043819/00/00	Roman (43 AD to 409 AD)	QUAY	FISH ST HILL
MLO58712	042838/00/00	Roman (43 AD to 409 AD)	GULLY	LOVAT LA
MLO58714	042839/00/00	Roman (43 AD to 409 AD)	BUILDING	LOVAT LA
MLO65020	043356/00/00	Roman (43 AD to 409 AD)	QUAY	LOWER THAMES ST
MLO68528	044450/00/00	Roman (43 AD to 409 AD)	WALL	LOWER THAMES ST (BILLINGSGATE BATH HOUSE SITE)
MLO68539	044595/00/00	Roman (43 AD to 409 AD)	WALL, FLOOD DEFENCES, TOWN WALL	LOWER THAMES ST EC3
MLO55968	041079/01/00	Roman (43 AD to 409 AD)	BATH HOUSE	Lower Thames Street (No 100), EC3
MLO75860	MLO75860	Roman (43 AD to 200 AD)	GRAVEL PIT, SURFACE, CLAY AND TIMBER BUILDING	Monument House
MLO76727	MLO76727	Roman (43 AD to 409 AD)	CULVERT, TERRACED HOUSE	Monument House
MLO63851	042907/00/00	Roman (43 AD to 409 AD)	DUMP	MONUMENT ST (AT JUNCTION OF)
MLO63853	042909/00/00	Roman (43 AD to 409 AD)	DUMP	MONUMENT ST (AT JUNCTION OF)
MLO98734	MLO98734	Roman (43 AD to 409 AD)	BUILDING RUBBLE	Monument Street, London EC3 {Roman masonry}
MLO20297	042159/00/00	Roman (43 AD to 409 AD)	REVETMENT	NEW FRESH WHARF EC3
MLO26533	042160/00/00	Roman (43 AD to 409 AD)	QUAY, REVETMENT	NEW FRESH WHARF EC3



		1		NEW EDECLIANTADE
MLO26534	042161/00/00	Roman (43 AD to 409 AD)	FLOOD DEFENCES	NEW FRESH WHARF EC3
MLO65163	043490/00/00	Roman (43 AD to 409 AD)	DUMP	PENINSULAR HO
MLO65164	043491/00/00	Roman (43 AD to 409 AD)	BUILDING	PENINSULAR HO
MLO65165	043491/01/00	Roman (43 AD to 409 AD)	BUILDING	PENINSULAR HO
MLO65170	043492/00/00	Roman (43 AD to 409 AD)	QUAY	PENINSULAR HO
MLO65171	043493/00/00	Roman (43 AD to 409 AD)	WAREHOUSE	PENINSULAR HO
MLO65069	043397/00/00	Roman (43 AD to 409 AD)	WATERCOURSE	PUDDING LA
MLO65070	043398/00/00	Roman (43 AD to 409 AD)	QUAY	PUDDING LA
MLO65071	043399/00/00	Roman (43 AD to 409 AD)	WAREHOUSE	PUDDING LA
MLO65072	043400/00/00	Roman (43 AD to 409 AD)	BATH HOUSE	Pudding Lane/Fish Street Hill {Roman bath house}
MLO6204	MLO6204	Roman (43 AD to 409 AD)	HYPOCAUST, BUILDING	Pudding Lane/Lower Thames Street, [junction], EC3 {Roman building, hypocaust}
MLO23690	041809/00/00	Roman (43 AD to 409 AD)	PIT	ST MARY AT HILL CHURCH EC3
MLO4369	090391/00/00	Roman (43 AD to 409 AD)	FINDSPOT, FINDSPOT	TOOLEY ST
MLO4368	090390/00/00	Roman (43 AD to 409 AD)	FINDSPOT	TOOLEY ST (SOUTH OF LONDON BRIDGE)
MLO13448	041083/00/00	Roman to Early Medieval/Dark Age (43 AD to 1065 AD)	DARK EARTH, DARK EARTH	100 LOWER THAMES ST EC3
MLO16307	041082/00/00	Roman to Early Medieval/Dark Age (43 AD to 1065 AD)	DUMP, DUMP	100 LOWER THAMES ST EC3
MLO20826	MLO20826	Roman to Early Medieval/Dark Age (43 AD to 1065 AD)	POST, DUMP, REVETMENT, FOUNDATION, DITCH	Lower Thames Street (No 101-110)/Monument Street [Billingsgate Buildings 'Triangle'], City of London, EC3 {Roman Revetments and dumps}
MLO65073	043401/00/00	Roman to Early Medieval/Dark Age (43 AD to 1065 AD)	DARK EARTH, DARK EARTH	PUDDING LA
MLO13413	041015/00/00	Roman to Medieval (43 AD to 1539 AD)	WALL, WALL	WALL, WALL



MLO13419	041021/00/00	Roman to Medieval (43 AD to 1539 AD)	Roman to Medieval (43 AD to 1539 AD)	LOWER THAMES ST (OPPOSITE BOTOLPH LA) EC3
MLO15239	041084/00/00	Roman to Medieval (43 AD to 1539 AD)	WALL, WALL	LOWER THAMES ST (SOUTH OF NO 100) EC3
MLO25181	041861/00/00	Roman to Medieval (43 AD to 1539 AD)	PILING, PILING, PILING	BILLINGSGATE MARKET EC3
MLO98989	MLO98989	Roman to 19th Century (43 AD to 1900 AD)	CUT, CUT, FLOOR?, DEMOLITION LAYER?	Lovat Lane, No 3, City of London {possible Roman and post medieval deposits and cut features}
MLO24318	041857/00/00	Early Medieval/Dark Age to Medieval (410 AD to 1539 AD)	REVETMENT, REVETMENT, REVETMENT	BILLINGSGATE MARKET EC3
MLO65093	043421/00/00	Early Medieval/Dark Age to 19th Century (410 AD to 1900 AD)	PIT, PIT, PIT, PIT	9-91/2 LOVAT LA
MLO64584	042974/00/00	Early Medieval/Dark Age to Medieval (410 AD to 1539 AD)	RUBBISH PIT, RUBBISH PIT, RUBBISH PIT	41-46 KING WILLIAM ST
MLO64843	043195/00/00	Early Medieval/Dark Age to Medieval (410 AD to 1539 AD)	BUILDING, BUILDING, BUILDING, CELLAR, CELLAR, CELLAR	37-40 FISH ST HILL
MLO64844	043196/00/00	Early Medieval/Dark Age to Medieval (410 AD to 1539 AD)	PIT, PIT, PIT	37-40 FISH ST HILL
MLO24320	041859/00/00	Early Medieval/Dark Age (410 AD to 1065 AD)	WATERFRONT	BILLINGSGATE MARKET EC3
MLO24321	041860/00/00	Early Medieval/Dark Age to Medieval (410 AD to 1539 AD)	LAND RECLAMATION, LAND RECLAMATION, LAND RECLAMATION, FLOOD DEFENCES, FLOOD DEFENCES, FLOOD DEFENCES	BILLINGSGATE MARKET EC3
MLO70954	044694/00/00	Early Medieval/Dark Age to 19th Century (410 AD to 1900 AD)	CHURCHYARD	BOTOLPH LA
MLO72277	044913/00/00	Early Medieval/Dark Age (410 AD to 1065 AD)	DARK EARTH	Botolph Lane (30-35) [Monument House], London EC3
MLO70955	044695/00/00	Early Medieval/Dark Age to 19th Century (410 AD to 1900 AD)	CHURCHYARD	LOWER THAMES ST



MLO65021	043357/00/00	Early Medieval/Dark Age (410 AD to 1065 AD)	REVETMENT, REVETMENT	LOWER THAMES ST
MLO20851	MLO20851	Early Medieval/Dark Age to Medieval (410 AD to 1539 AD)	WELL, PIT	Lower Thames Street (No 101-110)/Monument Street [Billingsgate Buildings 'Triangle'], City of London, EC3 {Medieval pits}
MLO76728	MLO76728	Early Medieval/Dark Age (410 AD to 1065 AD)	STRUCTURAL REMINANT	Monument House
MLO72278	044914/00/00	Early Medieval/Dark Age to Medieval (410 AD to 1539 AD)	PIT	Monument House, 30-35 Botolph Lane, London EC3
MLO26535	042162/00/00	Early Medieval/Dark Age (410 AD to 1065 AD)	EMBANKMENT, EMBANKMENT	NEW FRESH WHARF EC3
MLO65074	043402/00/00	Early Medieval/Dark Age (410 AD to 1065 AD)	PIT, PIT	PUDDING LA
MLO65172	043494/00/00	Early Medieval/Dark Age (410 AD to 1065 AD)	FLOOR, FLOOR	PENINSULAR HO
MLO65173	043495/00/00	Early Medieval/Dark Age (410 AD to 1065 AD)	HEARTH, HEARTH	PENINSULAR HO
MLO101053	MLO101053	Early Medieval/Dark Age to Medieval (700 AD to 1066 AD	FINDSPOT?	Lower Thames Street, EC3 {Early Medieval Coins}
MLO99371	MLO99371	Early Medieval/Dark Age (757 AD to 821 AD)	FINDSPOT	Lower Thames Street, Billingsgate {Two Saxon Sceattas}
MLO78167	MLO78167	Early Medieval/Dark Age (410 AD to 1065 AD)	FINDSPOT	NEW FRESH WHARF EC3
MLO101052	MLO101052	Early Medieval/Dark Age to 17th Century (700 AD to 1665 AD)	CHURCH?	Lower Thames Street, EC3 {St Botolph's Church (site of)}
MLO24310	041849/00/00	Medieval (1066 AD to 1539 AD)	WELL, TOILET	100 LOWER THAMES ST EC3
MLO24311	041850/00/00	Medieval (1066 AD to 1539 AD)	WALL	100 LOWER THAMES ST EC3
MLO55220	041851/01/00	Medieval (1066 AD to 1539 AD)	HUMAN REMAINS, CHURCHYARD	14 EASTCHEAP EC3
MLO24309	041848/00/00	Medieval (1066 AD to 1539 AD)	FLOOR, BUILDING, WALL	100 LOWER THAMES ST (REAR OF) EC3
MLO64583	042975/00/00	Medieval (1066 AD to	WELL	41-46 KING WILLIAM ST



		1539 AD)		
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MLO64642	042996/00/00	Medieval (1066 AD to 1539 AD)	REVETMENT	BILLINGSGATE LORRY PARK
MLO64643	042997/00/00	Medieval (1066 AD to 1539 AD)	FLOOD DEFENCES	BILLINGSGATE LORRY PARK
MLO64644	042998/00/00	Medieval (1066 AD to 1539 AD)	UNDERCROFT, VESTRY	BILLINGSGATE LORRY PARK
MLO65935	044083/00/00	Medieval (1066 AD to 1539 AD)	PIT	Botolph Lane (30-35), Monument Street (29-31), EC3
MLO65936	044084/00/00	Medieval (1066 AD to 1539 AD)	WALL	Botolph Lane (30-35), Monument Street (29-31), EC3
MLO71863	044858/00/00	Medieval (1066 AD to 1539 AD)	MARKET	EASTCHEAP EC3
MLO16931	041395/00/00	Medieval (1066 AD to 1539 AD)	WELL	FISH ST HILLWEST SIDE JUNCTION EASTCHEAP EC4
MLO29062	041409/01/00	Medieval (1066 AD to 1539 AD)	WOODEN REVETMENT	FRESH WHARF
MLO58715	042840/00/00	Medieval (1066 AD to 1539 AD)	BURIAL, INHUMATION	LOVAT LA
MLO58717	041810/02/00	Medieval (1066 AD to 1539 AD)	BUILDING	LOVAT LA
MLO58720	041810/03/00	Medieval (1066 AD to 1539 AD)	BURIAL VAULT	LOVAT LA
MLO25208	041876/00/00	Medieval (1066 AD to 1539 AD)	WALL, PILING	LOWER THAMES ST (W OF BILLINGSGATE MARKET) EC3
MLO65022	043358/00/00	Medieval (1066 AD to 1539 AD)	QUAY	LOWER THAMES ST
MLO65023	043359/00/00	Medieval (1066 AD to 1539 AD)	WAREHOUSE, BUILDING, UNDERCROFT	LOWER THAMES ST
MLO76730	MLO76730	Medieval (1066 AD to 1539 AD)	CONSTRUCTION LAYER, WALL, STRUCTURAL REMINANT, CESS PIT, STRUCTURE	Monument House
MLO63852	042908/00/00	Medieval (1066 AD to 1539 AD)	WELL	MONUMENT ST (AT JUNCTION OF)
MLO26536	042163/00/00	Medieval (1066 AD to	REVETMENT	NEW FRESH WHARF



		1539 AD)		EC3
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MLO26537	042164/00/00	Medieval (1066 AD to 1539 AD)	BUILDING	BUILDING
MLO65174	043496/00/00	Medieval (1066 AD to 1539 AD)	BUILDING	PENINSULAR HO
MLO65175	043497/00/00	Medieval (1066 AD to 1539 AD)	PIT	PENINSULAR HO
MLO65075	043403/00/00	Medieval (1066 AD to 1539 AD	GRUBENHAUS	PUDDING LA
MLO65076	043404/00/00	Medieval (1066 AD to 1539 AD)	PIT	PUDDING LA
MLO65077	043405/00/00	Medieval (1066 AD to 1539 AD)	WELL	PUDDING LA
MLO71467	041409/02/00	Medieval (1066 AD to 1539 AD)	BRIDGE, ARCH	ST MAGNUS MARTYR
MLO24328	041868/00/00	Medieval (1066 AD to 1539 AD)	FINDSPOT	LOVAT LA EC3
MLO17994	041394/00/00	Medieval to 16th Century (1066 AD to 1600 AD)	INN, INN, TOWN HOUSE, TOWN HOUSE, BUILDING, BUILDING	FISH ST HILLWEST SIDE JUNCTION EASTCHEAP EC4
MLO98730	MLO98730	Medieval to 17th Century (1066 AD to 1666 AD)	CEMETERY, CHURCHYARD	Monument Street, London EC3 {Medieval cemetery}
MLO101072	MLO101072	Medieval to 17th Century (1128 AD to 1666 AD)	CHURCH	Lower Thames Street, St Magnus the Martyr, Church of (by the Bridge), {Site of Church possibly of Saxon Origins}
MLO72279	044915/00/00	Medieval to 17th Century (1066 AD to 1666 AD)	FLOOR, OCCUPATION SITE	Monument House, 30-35 Botolph Lane, London EC3
MLO72280	044916/00/00	Medieval to 17th Century (1066 AD to 1666 AD)	BUILDING, WALL	Monument House, 30-35 Botolph Lane, London EC3
MLO98986	MLO98986	Medieval to 17th Century (1066 AD to 1676 AD)	CHURCH?, CHURCH	Eastcheap, No 16, City of London, {site of St Andrew Hubbard church}
MLO18008	041409/00/00	Medieval to 19th Century (1066 AD to 1900 AD)	BRIDGE, BRIDGE	LONDON BRIDGE
MLO23691	041810/00/00	Medieval to 19th Century (1066 AD to 1900 AD)	CHURCH, CHURCH	LOVAT LA EC3



MLO24317	041856/00/00	Medieval to 19th Century	VAULT, VAULT	BILLINGSGATE
WILO24317	04 1830/00/00	(1066 AD to 1900 AD)		MARKET EC3
MLO71019	044733/00/00	Medieval to 19th Century (1066 AD to 1900 AD)	PIT, PIT, CESS PIT, CESS PIT	36-38 BOTOLPH LA EC3
MLO71020	044734/00/00	Medieval to 19th Century (1066 AD to 1900 AD)	WALL, WALL	36-38 BOTOLPH LA EC3
MLO24312	041851/00/00	Medieval to 19th Century (1066 AD to 1900 AD)	CHURCH, CHURCH, WALL, WALL	14 EASTCHEAP (OPPOSITE) EC3
MLO24312	041851/00/00	Medieval to 19th Century (1066 AD to 1900 AD)	CHURCH, CHURCH, WALL, WALL	14 EASTCHEAP (OPPOSITE) EC3
MLO26538	042165/00/00	Medieval to 19th Century (1066 AD to 1900 AD)	TENEMENT, TENEMENT, BUILDING, BUILDING	NEW FRESH WHARF EC3
MLO55194	041810/01/00	Medieval to 19th Century (1066 AD to 1900 AD)	INHUMATION, INHUMATION, CEMETERY, CEMETERY	ST MARY AT HILL CHURCH EC3
MLO98987	MLO98987	Medieval to 19th Century (1066 AD to 1873 AD)	CHURCH?, CHURCH	St George's Lane, Botolph Lane, City of London, {site of St George's Church}
MLO82106	MLO82106	Medieval to 19th Century (1200 AD to 1873 AD)	MARKET, MARKET	BILLINGSGATE MARKET
MLO667168	044135/00/00	Post Medieval (1540 AD to 1900 AD)	CELLAR	19 ST MARY AT HILL
MLO17248	041429/00/00	Post Medieval (1540 AD to 1900 AD)	SEWER	3 LOWER THAMES ST EC4
MLO64845	043197/00/00	Post Medieval (1540 AD to 1900 AD)	CELLAR	37-40 FISH ST HILL
MLO64850	043198/00/00	Post Medieval (1540 AD to 1900 AD)	WELL	37-40 FISH ST HILL
MLO64851	043199/00/00	Post Medieval (1540 AD to 1900 AD)	CESS PIT	37-40 FISH ST HILL
MLO64853	043200/00/00	Post Medieval (1540 AD to 1900 AD)	BUILDING	37-40 FISH ST HILL
MLO64580	042976/00/00	Post Medieval (1540 AD to 1900 AD)	CELLAR	41-46 KING WILLIAM ST
MLO64585	042977/00/00	Post Medieval (1540 AD to 1900 AD)	RUBBISH PIT	41-46 KING WILLIAM ST
MLO71079	47-51 KING WILLIAM ST	Post Medieval (1540 AD to 1900 AD)	WELL	47-51 KING WILLIAM ST
MLO65094	043422/00/00	Post Medieval (1540 AD	UNDERCROFT	9-91/2 LOVAT LA



		to 1900 AD)		
MLO65096	043424/00/00	Post Medieval (1540 AD to 1900 AD)	CESS PIT	9-91/2 LOVAT LA
MLO65097	043425/00/00	Post Medieval (1540 AD to 1900 AD)	STRUCTURE	9-91/2 LOVAT LA
MLO65937	044085/00/00	Post Medieval (1540 AD to 1900 AD)	FIRE DEBRIS	Botolph Lane (30-35), Monument Street (29-31), EC3
MLO65938	044086/00/00	Post Medieval (1540 AD to 1900 AD)	BUILDING	Botolph Lane (30-35), Monument Street (29-31), EC3
MLO70894	044671/00/00	Post Medieval (1540 AD to 1900 AD)	CHURCH, CEMETERY	FISH ST HILL
MLO72281	044917/00/00	Post Medieval (1540 AD to 1900 AD)	CELLAR	Monument House, 30-35 Botolph Lane, London EC3
MLO72282	044918/00/00	Post Medieval (1540 AD to 1900 AD)	DUMP	Monument House, 30-35 Botolph Lane, London EC3
MLO72283	044919/00/00	Post Medieval (1540 AD to 1900 AD)	FLOOR, STRUCTURE, WALL, OCCUPATION SITE	Monument House, 30-35 Botolph Lane, London EC3
MLO65025	043361/00/00	Post Medieval (1540 AD to 1900 AD)	CESS PIT	LOWER THAMES ST
MLO76731	MLO76731	Post Medieval (1540 AD to 1900 AD)	HOUSE, CELLAR	Monument House
MLO26539	042166/00/00	Post Medieval (1540 AD to 1900 AD)	BUILDING	NEW FRESH WHARF EC3
MLO65176	043498/00/00	Post Medieval (1540 AD to 1900 AD)	CELLAR	PENINSULAR HO
MLO55195	200804/02/00	Post Medieval (1540 AD to 1900 AD)	INHUMATION, BURIAL VAULT	ST MARY AT HILL CHURCH EC3
MLO68064	044390/00/00	Post Medieval (1540 AD to 1900 AD)	FINDSPOT	36-38 BOTOLPH LA
MLO68070	044433/01/00	Post Medieval (1540 AD to 1900 AD)	FINDSPOT	THAMES FORESHORE BILLINGSGATE
MLO65024	043360/00/00	15th Century to 16th Century (1485 AD to 1600 AD)	BURIAL, INHUMATION, CEMETERY	LOWER THAMES ST



MLO18016	041427/00/00	15th Century to 19th Century (1485 AD to 1900 AD)	WATERCOURSE, WATERCOURSE, DUMP, DUMP	3 LOWER THAMES ST EC4
MLO18017	041428/00/00	15th Century to 16th Century (1485 AD to 1600 AD)	QUAY, REVETMENT	3 LOWER THAMES ST EC4
MLO98988	MLO98988	16th Century to 19th Century (1562 AD to 1896 AD)	CHURCHYARD, CEMETERY	St George's Lane, Botolph Lane, City of London, {site of St George's Churchyard}
MLO81826	MLO81826	17th Century (1671 AD to 1677 AD)	COLUMN, RAILINGS, COMMEMORATIVE MONUMENT	THE MONUMENT
MLO98736	MLO98736	17th Century to 18th Century (1601 AD to 1800 AD)	DRAIN	Monument Street, London EC3 {Post Medieval drains}
MLO81586	MLO81586	17th Century to 18th Century (1671 AD to 1705 AD)	CHURCH, CHURCH	CHURCH OF ST MAGNUS THE MARTYR
MLO81585	MLO81585	17th Century to 18th Century (1670 AD to 1788 AD)	17th Century to 18th Century (1670 AD to 1788 AD)	CHURCH OF ST MARY AND CHURCH OF ST MARY AT HILL
MLO78549	MLO78549	17th Century to 18th Century (1667 AD to 1732 AD	TERRACED HOUSE, BUILDING, BUILDING	9 Botolph Alley
MLO82154	MLO82154	17th Century to Modern (1698 AD to 1945 AD)	CHURCH, RAILINGS, CHURCH, GATE, CHURCH	CHURCH OF ST DUNSTAN IN THE EAST AND ST DUNSTAN IN THE EAST (RUIN)
MLO82037	MLO82037	17th Century to Modern (1667 AD to 1977 AD)	DATE STONE, VICARAGE, GARAGE, GATE, VESTRY, VICARAGE	RECTORY
MLO82054	MLO82054	17th Century to Modern (1667 AD to 1977 AD)	RAILINGS, WALL, GATE, WALL	WALLS, GATES AND RAILINGS TO CHURCHYARD OF CHURCH OF ST DUNSTAN IN THE EAST
MLO81909	MLO81909	18th Century to 19th Century (1800 AD to 1832 AD)	TERRACED HOUSE, BUILDING	4 Lovat Lane
MLO81630	MLO81630	18th Century to 19th Century (1767 AD to 1832 AD)	HOUSE, BUILDING	11 Idol Lane
MLO81769	MLO81769	18th Century to 19th Century (1800 AD to 1899	SHOP, TERRACED HOUSE, BUILDING	16-18 St. Mary At Hill

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MLO82038	MLO82038	18th Century to Modern (1778 AD to 1977 AD)	LIVERY HALL, SHOP, BUILDING, BUILDING, BUILDING	LIVERY HALL, SHOP, BUILDING, BUILDING, BUILDING
MLO81672	MLO81672	19th Century (1861 AD to 1862 AD)	BUILDING, OFFICE	23 Eastcheap
MLO82081	MLO82081	19th Century (1873 AD)	GATE, OFFICE, BUILDING	6-7 St. Mary At Hill
MLO81607	MLO81607	Modern (1924 AD to 1925 AD)	OFFICE, BUILDING	ADELAIDE HOUSE
MLO82063	MLO82063	Modern (1910 AD to 1911 AD)	SHOP, BUILDING, OFFICE, WEATHER VANE	King William House 2a Eastcheap
MLO13447	041081/00/00	Unknown (Unknown)	STREAM	100 LOWER THAMES ST EC3
MLO65374	043692/00/00	Unknown (Unknown)	DUMP	14-18 EASTCHEAP
MLO65376	043693/00/00	Unknown (Unknown)	BUILDING	14-18 EASTCHEAP
MLO65377	043694/00/00	Unknown (Unknown)	PIT	14-18 EASTCHEAP
MLO65378	043695/00/00	Unknown (Unknown)	WELL	14-18 EASTCHEAP
MLO65728	043987/00/00	Unknown (Unknown)	WELL	17 FISH ST HILL
MLO64582	042966/00/00	Unknown (Unknown)	YARD	41-46 KING WILLIAM ST
MLO68069	044433/00/00	Unknown (Unknown)	FINDSPOT	THAMES FORESHORE BILLINGSGATE
MLO67420	044281/00/00	Unknown (Unknown)	Unknown (Unknown)	ST MARY AT HILL
MLO81621	MLO81621	Unknown (Unknown)	BOLLARD	3 BOLLARDS