

SURVEY AND LEVELS DATA NOTE**XRW10**

For the lower phases of the Auxiliary and Main Shafts watching briefs and for the entire Instone Wharf watching brief, levels were taken and reported in metres Above Tunnel Datum (m ATD) instead of Ordnance Datum. To convert Tunnel Datum to Ordnance Datum subtract 100m, ie 1m OD = 101m ATD.

Stoppie Pits (General Watching Brief)
9 August 2010 to 11 August 2010

No features were uncovered within the pits. The trench edges were surveyed by MOLA Geomatics using GPS. This information was then plotted onto the Ordnance Survey grid and a CAD plot produced

Levels were taken from temporary bench marks provided by MOLA Geomatics referenced from Crossrail control point CR164.

Evaluation Trenches 1 and 2 (General Watching Brief and Evaluation)
5 November 2010 to 23 November 2010

Archaeological features were planned on site by MOLA archaeologists by offsetting from baselines. These baselines and the trench edges were surveyed by MOLA Geomatics using GPS. This information was then plotted onto the Ordnance Survey grid and a CAD plot produced.

Levels were taken from temporary bench marks provided by MOLA Geomatics referenced from Crossrail control point CR164.

Main Shaft and Auxiliary Shaft (General and Targeted Watching Briefs)
18 January 2012 to 19 March 2012

The shaft outlines were surveyed by MOLA Geomatics.

For the upper level of excavation in the Main Shaft, no features were surveyed. Levels were referenced from a TBM of 4.22m OD surveyed by MOLA Geomatics. At the lower level of excavation within the Main Shaft, a boat fragment was planned on site by MOLA archaeologists by offsetting from a baseline. This baseline was surveyed by MOLA Geomatics using GPS along with the trench dug. This information was then plotted onto the Ordnance Survey grid and a CAD plot produced. Levels were referenced from a TBM surveyed by MOLA Geomatics using Crossrail control points.

For the upper level of excavation in the Auxiliary Shaft, archaeological features were planned on site by MOLA archaeologists by offsetting from baselines. These baselines were surveyed by MOLA Geomatics using GPS. This information was then plotted onto the Ordnance Survey grid and a CAD plot produced. Levels were referenced from a TBM of 4.22m OD surveyed by MOLA Geomatics. At the lower level of excavation in the Auxiliary Shaft, the trench dug was planned by the MOLA archaeologist and triangulated to fixed points. These points were then surveyed by MOLA Geomatics using GPS. This information was then plotted onto the Ordnance Survey grid and a CAD plot produced. Levels were referenced from a TBM surveyed by MOLA Geomatics using Crossrail control points.

Instone Wharf Trench 1(General and Targeted Watching Briefs)

1 September 2012 to 19 October 2012

Archaeological features were planned on site by MOLA archaeologists by offsetting from baselines. These baselines and the trench edges were surveyed by MOLA Geomatics using GPS. This information was then plotted onto the Ordnance Survey grid and a CAD plot produced.

Levels were referenced from a TBM of 106.30m ATD provided by MOLA Geomatics on site.

Instone Wharf Trench 2 (Targeted Watching Brief)

17 May 2012 to 1 June 2012

Archaeological features were planned on site by MOLA archaeologists by offsetting from baselines. These baselines and the trench edges were surveyed by MOLA Geomatics using GPS. This information was then plotted onto the Ordnance Survey grid and a CAD plot produced.

Levels were referenced from a TBM of 104.49m ATD provided by MOLA Geomatics on site.