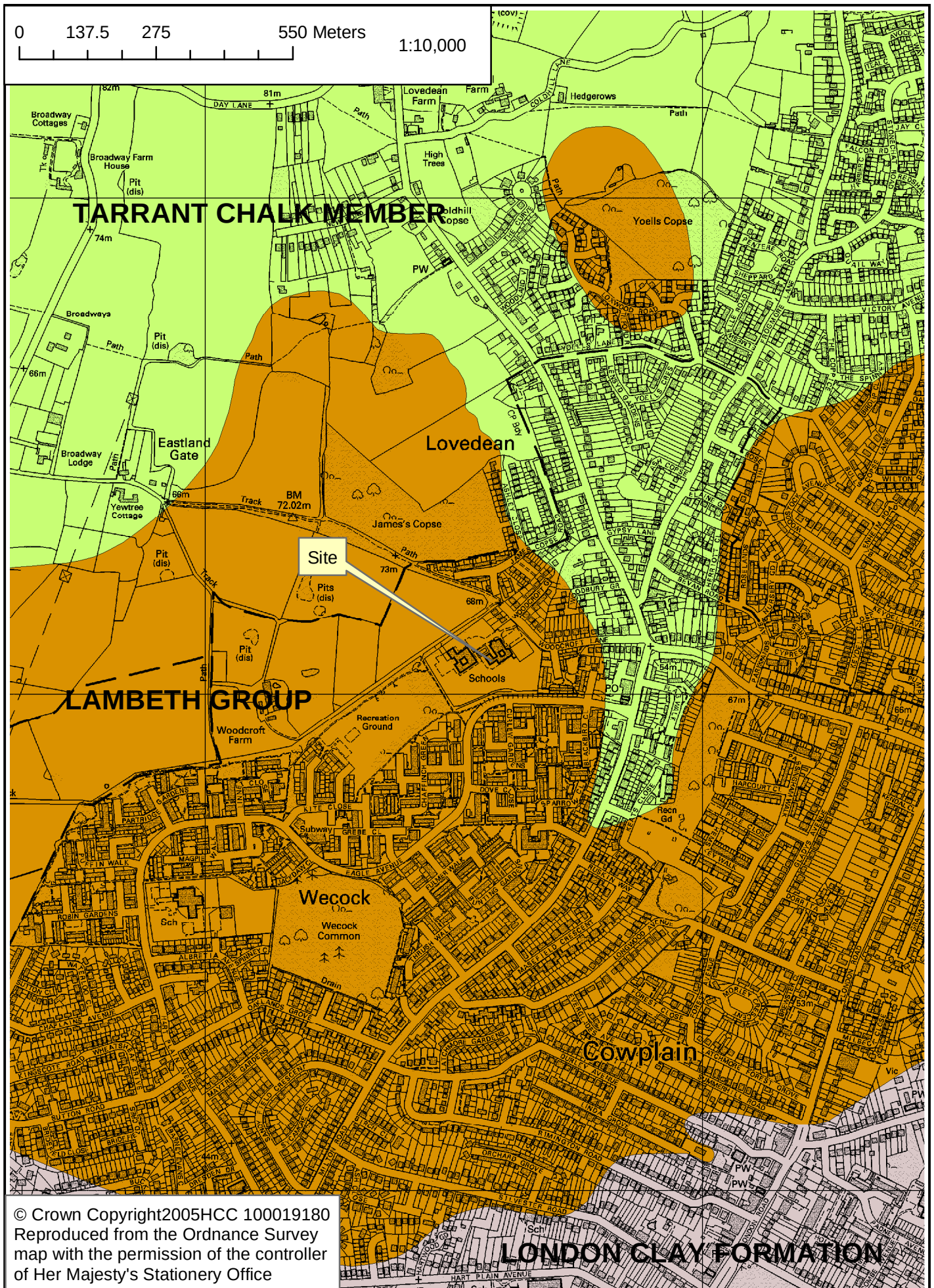


APPENDIX E

Geological Map Extract



APPENDIX F

Site Investigation Methods

Window Sampling – Terrier Rig

Prior to the commencement of the sampling a service check was undertaken. This comprised the inspection of any service plans available for the site in conjunction with a sub surface scan using a Cable Avoidance Tool (CAT) and where appropriate, local manhole covers were lifted to check the orientation of any shallow services present.

The holes were sunk to a maximum depth of 6.00mbgl using a tracked Terrier Rig which is designed to sink boreholes up to 130mm diameter through soils and weak rock. The rig is primarily used for forming boreholes to a maximum depth of 10 metres and for carrying out in-situ tests (SPT and DP) to a maximum depth of 15 metres. The actual depth achieved is dependant on ground conditions.

Window sampled locations are indicated in Figure SK02 and logs of the encountered conditions in Appendix B.

A detailed log is produced showing the nature and depths of the various strata, groundwater ingress, samples taken and any obstructions or visible contamination encountered.

Hand Dug Trial Pit

Hand dug trial pits were excavated using a 2 man pitting crew. All works and logging of the materials are undertaken generally in accordance with British Standard BS 5930 (1999).

The principal objective of trial pit was to identify the nature of the existing foundations, distribution of the soil sequence underlying the site and to obtain samples for laboratory testing. Prior to excavation, the area is checked for the presence of buried services by examination of the service drawings. All locations are scanned by the Engineer with a Cable Avoidance Tool (CAT) in conjunction with a Genny where necessary prior to the intrusive works. Where required, excavation permits are obtained from the appropriate authority.

A detailed log is produced showing the nature and depths of the various strata, groundwater ingress, samples taken and any obstructions or visible contamination encountered.

Sampling

All sampling was carried out to WYG procedural statement on soil, water and gas sampling. Disturbed and bulk samples were taken from the exploratory holes at the depths shown on the records in accordance with BS5930 for identification and testing purposes. Disturbed samples were stored in sealed and labelled containers (1 litre plastic tubs) and bulk samples within sealed plastic bags.