



Site Name: West Carclaze Sewer, Penwithick, Cornwall. PL26 8TY.	
Grid ref (10-fig): SX 02345 55775	Report Nos: 2017R065:
Parish: St Austell Parish	PA & Condition No: PA14/12186
Site Type: N/A	
Period: N/A	Form: Archaeological Watching Brief.
<p><b>Description:</b></p> <p>In September 2017 Cornwall Archaeological Unit (CAU), Cornwall Council was commissioned by Joseph Maude, Assistant Quantity Surveyor Kier Services, to undertake a programme of archaeological recording during trenching works associated with a new main sewer at West Carclaze, Penwithick, St. Austell (Fig 1). The work was guided by a Written Scheme of Investigation produced by Adam Sharpe Archaeology Projects Officer, CAU (13/07/2016).</p> <p>The line of the sewer trench runs from SX 02754 56147 on the southern side of a public highway, northwards across three agricultural enclosures, then turns to the east to terminate on the eastern side of the public highway to Penwithick at SX 02427 55892 (Fig 2). The work involved stripping topsoil from an area for a compound measuring roughly 42m x 27m and a pipeline corridor over the three fields roughly 195m long, and averaging 10m in width. Overall, an area of approximately 0.323 Ha was covered by the archaeological watching brief. The fields traversed by the pipeline trench are on sloping ground that falls towards the east from a height of 220m OD to 212m OD. The pipeline in general follows the 217m contour. The fields are currently under pasture. The underlying geology consists of Hensbarrow Granite (BGS Sheet 347).</p> <p>The Historic Landscape Character of the enclosures is recorded as Anciently Enclosed Land (Farmland Medieval), but this is considered likely to be erroneous and the land is more likely to have been enclosed during the post-medieval period. The area is recorded as containing two sites: MCO354 – Carludden: findspot of a flint arrowhead and MCO2345 - Carludden, Great Barrow Rocks, a place name suggestive of the site of a former Bronze Age barrow. Both are located next to the covered reservoir just to the west of the sewer trench line. It was considered that there was potential for prehistoric and medieval sites to survive within the project area, with the scope for the survival of previously unrecorded archaeological sites, organic remains, and artefacts of all periods.</p> <p>The site soil strip was carried out under archaeological supervision using a machine fitted with a toothless bucket. The soil was stripped cleanly to a level at which archaeological features or layers were expected to be revealed, in this case the top of the natural geology. The areas of the soil strip were inspected by an archaeologist in order to record any significant features onto an annotated Ordnance Survey map at a scale of 1:250. Identified archaeological features were measured in from fixed points on the ground, shown on the OS survey mapping. Sample soil profiles (noting the nature of soil depths, layers present, etc.) were recorded across the site. Photographs were taken during the course of the work. The ground and spoil heaps were also examined for artefacts.</p> <p>A natural soil profile consisting of the following was recorded across all the areas examined (Fig 3): 0.05m of grass, roots and topsoil overlaid 0.15m of dark sandy grey-brown clay loam, and 0.15m of black-brown clay. This overlaid orange-brown clay (rab): the decayed natural bedrock which had remnant granite grounders protruding through its surface in several areas. These layers were consistent throughout the fields, the only variation recorded being in the depth of the topsoil, which varied from 0.3m to 0.4m (Fig 3).</p> <p>No archaeological features or artefacts were encountered during the course of the watching brief.</p>	
<p>The CAU project number is <b>146711</b></p> <p>The project's documentary, digital, photographic and drawn archive is maintained by Cornwall Archaeological Unit, Cornwall Council, Fal Building, County Hall, Treyew Road, Truro, TR1 3AY. The contents of this archive are listed below:</p> <ol style="list-style-type: none"> <li>1. Projects file containing site records and notes, project correspondence and administration (146711).</li> <li>2. Field plans stored in an A2-size plastic envelope (GRE 887/1-4).</li> <li>3. Digital photographs stored in the directory: R:\Historic Environment (Images)\SITES.U-Z\Sites W\West Carclaze Sewer WB 146711:</li> <li>4. This report text is held in digital form as: G:\TWE\Waste &amp; Env\Strat Waste &amp; Land\Historic Environment\Projects\Sites\Sites W\West Carclaze sewer WB 146711\Report</li> </ol>	
Land Use (Area): Pasture	Land Use (Site): Pasture
OASIS No. cornwall2-296859	Date of Site Visit: 11/09/17 – 12/09/17
<p>Carl Thorpe. Cornwall Archaeological Unit , Economic Growth and Development, Cornwall Council, Fal Building, County Hall, Treyew Road, Truro. TR1 3AY. Tel Nos: 01872 324327 Mob; 07968 892160</p>	



Figure 1. Site location

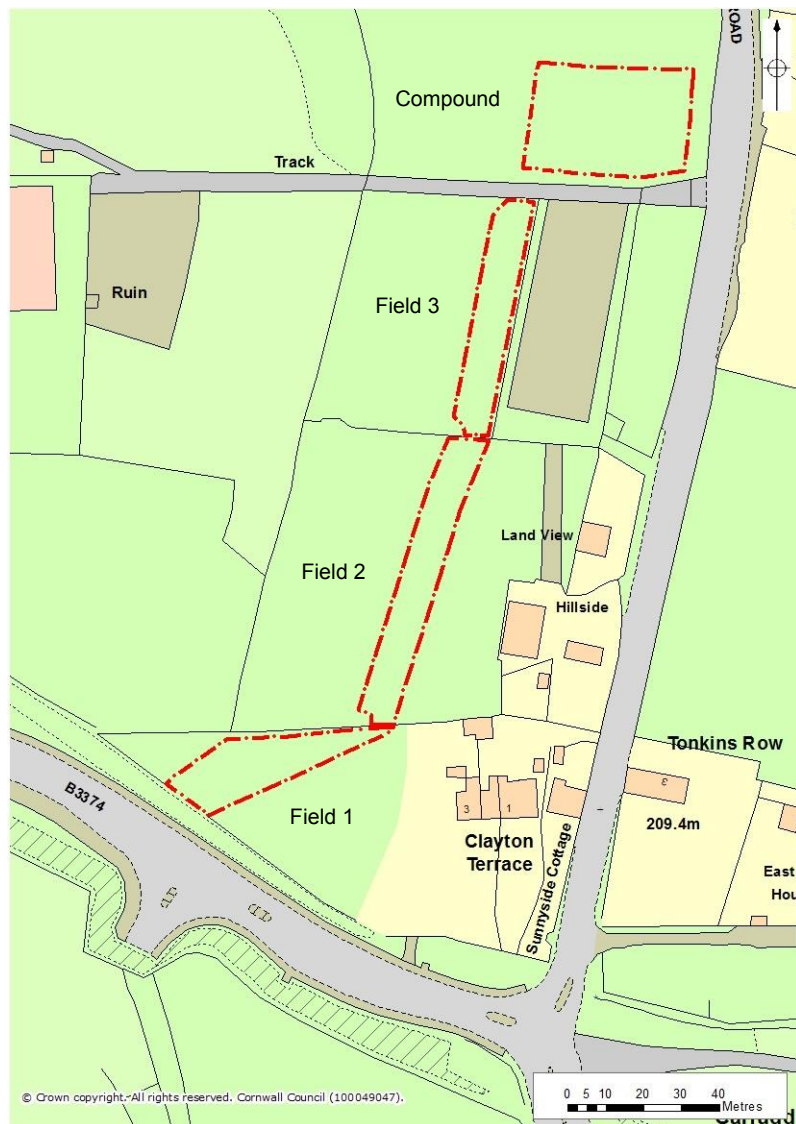


Figure 2. Site plan showing areas investigated archaeologically.



*Figure 3. Field 2. View showing the typical soil profile that was encountered in all the fields examined*