

Artefact Type: Pump & pump section	Context: 120 F58.0	
Illustration:	Photos: SO' D 02/06/11	Samples: 3030, 3031,3032
L x B x D (mm): See description.	Laser scanned TJ & EM 02/02/11	Recorded (initials + date) EM 03/06/11

Description

Main pump tube (CT 1682)	Overall length	840.6mm
	Inner diameter at base	158.3mm
	Outer diameter at base	251.2mm
	Inner diameter at top	114.8mm
	Outer diameter at top	268.7mm
Removed section (CT 3116)	Overall length	593.9
	Max width	206.9mm

Description continued

Hollowed out tree trunk. Round in section with a hollowed out centre. In quite soft condition. Pile damage at one end, opposite end is recessed, possibly originally facilitating an iron hoop. No visible fasteners in this area however iron staining is present. Some distortion to overall shape due to large, mud filled cracks up to 510mm in length and 65mm wide. Prior to cleaning the centre of the tube was completely filled with silty sediment. Leather was visible at base.

Section of the tube (CT 3116) was removed to gain access to the centre for cleaning and analysis. This section was chosen as it was already cracked and unstable.

Cleaning out of the centre uncovered a ridged, surface through the centre. The inner diameter is greater at the base of the tube and narrows towards the top. Part of the pump base was removed from within the tube as was a substantial amount of leather and a fragment of what may have been a dome shaped object, now in two pieces.

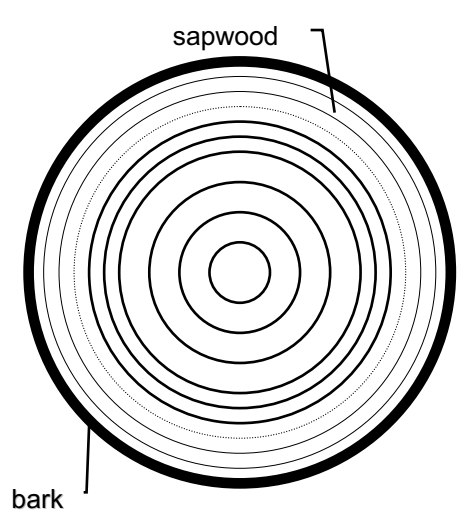
Pump was laser scanned before and after cleaning.

Associated with pump tube CT1682 is;

MSG 1287 (leather from within the tube),
MSG1288 (oyster shell from within the pump),
CT3113 (three pieces of worked wood two of which fit together),
CT3115 (dome like object, in two pieces from within the pump),
CT 3117 (Fragment that broke off CT1628 during recording) and
CT 3116 (Fragment removed for excavation of inside material.)
Also samples S#3030 (silt for pollen analysis),
S#3031 (bulk sediment sample from within the pump),
S#3032 (wood fragments from within the pump).



Wood Science

Pith code:	Rings: (nH+nS)	
Edge:	ARW:	
Conversion (method & form):	Species: Elm	

Base of Pump

