

CASTING WASTE

Unique ID: LVPL-0C459C

Object type certainty: Certain

Workflow status: Awaiting validation

A complete copper alloy casting jet for a socketed axe, of the South Wales type of socketed axe, of Bronze Age date.

The object is circular in plan and sub-conical. Four circular-sectioned runners project from the body of the object. The runners measure 6-8mm in length and are 4mm thick. The upper surface is dished with a rough surface. The object has a mid-green patina.

Dimensions: 22mm in length, 30mm in diameter, 26.4g

South Wales types of socketed axes uses a four runner technology during production, resulting in four runners (or spikes) projecting from the object. Examples with two runners are more frequently recorded such as LVPL-3AAD50 <https://finds.org.uk/database/artefacts/record/id/487703>. Examples of South Wales types of socketed axes can be found in several Bronze Age hoards such as [NMGW-1C435C](#), [NMGW-AFDAE8](#), and [NMGW-860652](#). South Wales socketed axes are late Bronze Age in date (c. 950-750 BC). These axes are considered to be part of the Ewart Park metalworking tradition (Metalworking phase XII) which corresponds to Needham's (1996) Period 6-7 circa 1000-700 CAL. BC.

Casting jets are waste products which form at the top of a two-piece clay mould when the molten metal has filled the object-shaped void below. As they represent re-usable metal, they were often retained and regularly turn up in base metal hoards of the period. C.f with PAS record BH-8DDE6E.

Notes:

Four further fragments of bronze metal work were also discovered within the same field. However it is unclear whether or not these are associated. Copper alloy/bronze casting waste of medieval and post-medieval date is often recovered however often waste is difficult to date due to its lack of form. These fragments of casting waste have been recorded as [LVPL-0C7724](#).

Find of note status

This is a find of note and has been designated: Regional importance

Subsequent actions

Subsequent action after recording: Returned to finder

Chronology

Broad period: BRONZE AGE

Subperiod from: Late

Period from: BRONZE AGE

Subperiod to: Late
Period to: BRONZE AGE
Date from: Circa 950 BC
Date to: Circa 750 BC

Dimensions and weight

Quantity: 1

Personal details

This information is restricted for your access level.

Materials and construction

Primary material: Copper alloy
Manufacture method: Cast
Completeness: Complete

Spatial metadata

Region: [North West](#) (European Region)
County or Unitary authority: [Cheshire West and Chester](#) (Unitary Authority)
District: [Cheshire West and Chester](#) (Unitary Authority)
To be known as: Saighton

Spatial coordinates

Unmasked grid reference accurate to a 0.01 metre square.