

Sample ID and provenance

Sample ID: SP64_OLV

Lithology: Chert

Collection: LusoLit

Outcrop: Oliveiras

Unit/facies: Possibly Middle Jurassic

Thinsection: No

Macroscopic description

❖ COLOR

The color distribution is Single and the color is Med. Dark Gray (N4).

❖ FABRIC

The luster is Shiny and the translucency is Sub-translucent. The feel is Semi-smooth (it is possible to feel several minerals in the surface) and the grain is Fine. The structure is Even, only with a Shaded pattern from Dark Gray to Dark Brown which might be related to an alteration surface. There is also the present of Spots (50-99%) which are Speckling.

❖ INCLUSIONS AND FOSSIL CONTENT

Some of the inclusions might be large Oxide grains of Muscovite/Shale grains, which appear very shiny at a macroscopic level.

❖ CORTEX

The cortex is from an Outcrop, albeit rounded. It is Thick, with a constant thickness, and with a Gradual transition. When tested with dilute hydrochloric acid (HCL 10%), the reaction was Strong. The parent rock may be a Limestone.

❖ QUALITY

The fracture is Conchoidal and the surface is Homogeneous. The knapping quality is Good.

❖ OBSERVATION

Might be an archaeological artefact.

Outcrop description

❖ OUTCROP CHARACTERISTICS

Type of outcrop: Isolated find

Visibility: Bad

Accessibility: Easy

State of site: -

❖ CHERT NODULES/BEDS DESCRIPTION

Type of chert nodule: -

Sample variability: -

Frequency: -

Nodule description: -

❖ SHORT DESCRIPTION

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Macroscopic photos





