

Sample ID and provenance

Sample ID: SP62_OLV_b

Outcrop: Oliveiras

Lithology: Chert

Unit/facies: Middle Jurassic

Collection: LusoLit

Thinsection: No

Macroscopic description

❖ COLOR

The color distribution ranges from Mix diffuse to Mix sharp. The colors are Very light gray (N8) and Light gray (N7) on the inside of the nodule, and White between the chert and the cortex.

❖ FABRIC

The luster is Dull and the translucency is Opaque. The feel is Semi-smooth and the grain is Fine. The structure is Even, and the only pattern present in the chert is Shaded.

❖ INCLUSIONS AND FOSSIL CONTENT

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❖ CORTEX

The cortex is from an Outcrop and it is Thin, with a Sharp transition. Albeit patinated on the outside (red or bright orange), the cortex is white and easily distinguishable from the gray interior of the chert.

❖ QUALITY

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

❖ OBSERVATION

The sample might be an archaeological artefact (core).

Outcrop description

❖ OUTCROP CHARACTERISTICS

Type of outcrop: Secondary

Visibility: Reasonable

Accessibility: Easy

State of site: Bad

❖ CHERT NODULES/BEDS DESCRIPTION

Type of chert nodule: Unknown

Sample variability: Variable

Frequency: Abundant

Nodule description: Max. 10cm

❖ SHORT DESCRIPTION

The chert samples can be found in a dry stream. They seem to be the result of slope deposits from higher areas which are covered by dense vegetation and cannot be accessed. The cherts are abundant and variable, extremely patinated on the outside. The cherts are fractured and can be small, with the largest identified chunk being 10cm wide.

Macroscopic photos





