

Sample ID and provenance

Sample ID: SP35_BLX

Outcrop: Belixe

Lithology: Chert

Unit/facies: Lower Jurassic

Collection: LusoLit

Thinsection: No

Macroscopic description

❖ COLOR

The color distribution is Mix sharp. The colors are Pale red purple (5RP 6/2), Pale yellowish brown (10YR 6/2) and Very pale orange (10YR 8/2).

❖ FABRIC

The luster is Dull and the translucency is Opaque. The feel is Semi-smooth and the grain is Fine. The structure is Uneven with a Sharp variation. The patterns are Spots (1-49%) and Lines (1-49%). Spots are Spotted, Splotched and Speckling with an Uneven distribution. Lines are Concentric Banded and Laminated.

❖ INCLUSIONS AND FOSSIL CONTENT

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❖ CORTEX

The cortex is from an Outcrop albeit rounded. It ranges from Thin to Thick, with a Gradual transition. The several degrees of dolomitization make the distinction between cortex and chert difficult in certain areas. The outside of the cortex is completely patinated and Red/Bright orange. When tested with dilute hydrochloric acid (HCL 10%), there was no reaction. The parent rock may be a dolomite.

❖ QUALITY

The fracture is Conchoidal and Uneven in certain areas. There seem to be Cleavage plains. The knapping quality ranges from Medium to Low.

❖ OBSERVATION

Outcrop description

❖ OUTCROP CHARACTERISTICS

Type of outcrop: Isolated find

Visibility: Good

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







