

Sample ID and provenance

Sample ID: SP41_Fer

Outcrop: Ferrel

Lithology: Chert

Unit/facies: Lower Jurassic

Collection: LusoLit

Thinsection: No

Macroscopic description

❖ COLOR

The color distribution is Mix diffuse. The colors are Reddish gray (2.5YR 5/1) and Pale yellowish brown (10YR 6/2) for one sample and Light gray (10YR 7/2) and White for the second sample.

❖ FABRIC

The luster is Dull and the translucency is Opaque (Sample 1) and Sub-translucent (Sample 2). The feel is Semi-smooth and the grain is Fine. The structure is Even for Sample 2 and Uneven for Sample 1, with a Gradual variation. The patterns are Shaded Spots (1-49%). The spots are Broad mottling with an Uneven distribution.

❖ INCLUSIONS AND FOSSIL CONTENT

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❖ CORTEX

The cortex is from an Outcrop, Thin to Medium, with a Sharp transition. Sample 2 has a white coloration closer to the cortex, which makes it difficult to limit where the cortex starts. 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 there are Fractures in the chert. The knapping quality is Medium.

❖ OBSERVATION

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Outcrop description

❖ OUTCROP CHARACTERISTICS

Type of outcrop: Secondary

Visibility: Good

Accessibility: Easy

State of site: -

❖ CHERT NODULES/BEDS DESCRIPTION

Type of chert nodule: -

Sample variability: Variable

Frequency: Sporadic

Nodule description: -

❖ SHORT DESCRIPTION

The chert can be found on an abandoned field by the road. It is fractured into smaller pieces without trace of the parent rock. The proximity of the secondary outcrop to an archaeological site may hamper the attribution of chert source.

Macroscopic photos









