

## Sample ID and provenance

Sample ID: SP67\_DESCAM

Outcrop: Campo descampado

Lithology: Chert

Unit/facies: N/A

Collection: LusoLit

Thinsection: No

## Macroscopic description

### ❖ COLOR

The color distribution is Mix diffuse. The colors differ depending on the area: 1) Light brownish gray (5YR 6/1), Med. light gray (N6) and White (7.5YR 8/1); 2) Moderate red (5R 5/4), Very pale orange (10YR 8/2) and Light gray (N7).

### ❖ FABRIC

The luster is Dull and the translucency is Opaque to Sub-translucent. The feel is Smooth to Semi-smooth and the grain is Fine. The structure is Uneven with a Gradual variation. The patterns are, for both areas, Shaded and Spots (50-99%). The spots are Broad mottling, Spotted and Speckling with an Uneven distribution.

### ❖ INCLUSIONS AND FOSSIL CONTENT

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### ❖ CORTEX

The cortex is from an Outcrop type, albeit rolled. It ranges from Thin to Medium and has a Sharp transition. The white/light color of the cortex area is easily distinguished from the chert. When tested with dilute hydrochloric acid (HCL 10%), the reaction was strong. The parent rock may be a Limestone.

### ❖ QUALITY

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

### ❖ OBSERVATION

The sample is patinated. The alterations to the exterior of the rock probably make the red colors brighter and darker, although they seem to be part of the chert naturally. The yellow, however, may be the result of the gray chert altered and patinated. Without a fresh surface, it may be difficult to discern between altered surface and unaltered surface.

## Outcrop description

### ❖ OUTCROP CHARACTERISTICS

**Type of outcrop:** Secondary

**Visibility:** Reasonable

**Accessibility:** Moderate

**State of site:** Bad

### ❖ CHERT NODULES/BEDS DESCRIPTION

**Type of chert nodule:** Nodules

**Sample variability:** Homogeneous

**Frequency:** Sporadic

**Nodule description:** Oval to irregular, between 5cm to 10cm.

### ❖ SHORT DESCRIPTION

The nodules can be found in blocks of parent rock, scattered in a terrain next to a cultivation field, on a slope. The outcrop has been destroyed and the original location of the chert nodules is difficult to ascertain. The nodules are oval to irregular, between 5cm to 10cm.

Macroscopic photos















