

Sample ID and provenance

Sample ID: SP69_MAR

Lithology: Chert

Collection: LusoLit

Outcrop: Praia da Mareta

Unit/facies: Upper Jurassic

Thinsection: No

Macroscopic description

❖ COLOR

The color distribution is mix diffuse.

❖ FABRIC

The luster is shiny and the translucency is sub-translucent. The feel is Smooth and the grain is Fine. The structure is Uneven with a Gradual variation. The patterns are Shaded and Spots (1-49%). The spots are Speckling.

❖ INCLUSIONS AND FOSSIL CONTENT

Unidentifiable speckles, in red, orange, or grey colors. Possibly calcispheres.

❖ CORTEX

Cortex is from an Outcrop, albeit very altered due to the secondary deposition environment. The transition is Sharp.

❖ QUALITY

The fracture type is conchoidal and the surface is Homogeneous. The knapping quality is good.

❖ OBSERVATIONS

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Outcrop description

❖ OUTCROP CHARACTERISTICS

Type of outcrop: Sub-primary

Visibility: Good

Accessibility: Easy

State of site: Medium

❖ CHERT NODULES/BEDS DESCRIPTION

Type of chert nodule: Nodule

Sample variability: Variable

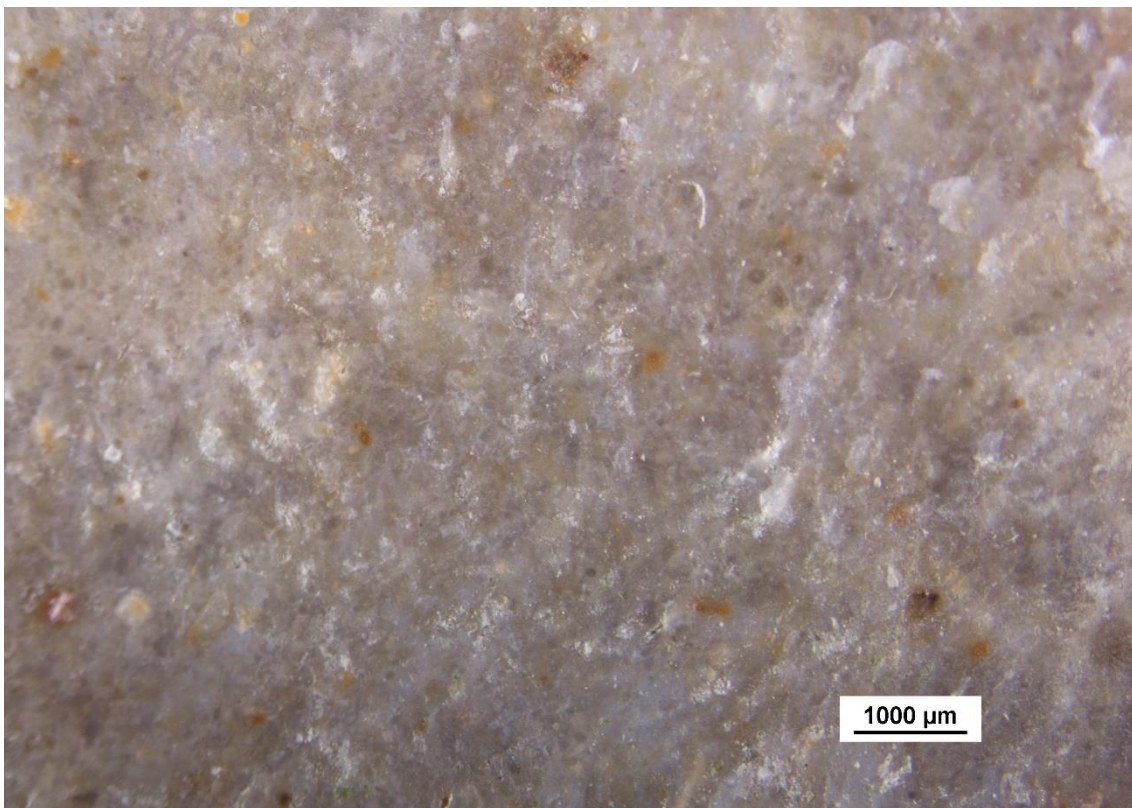
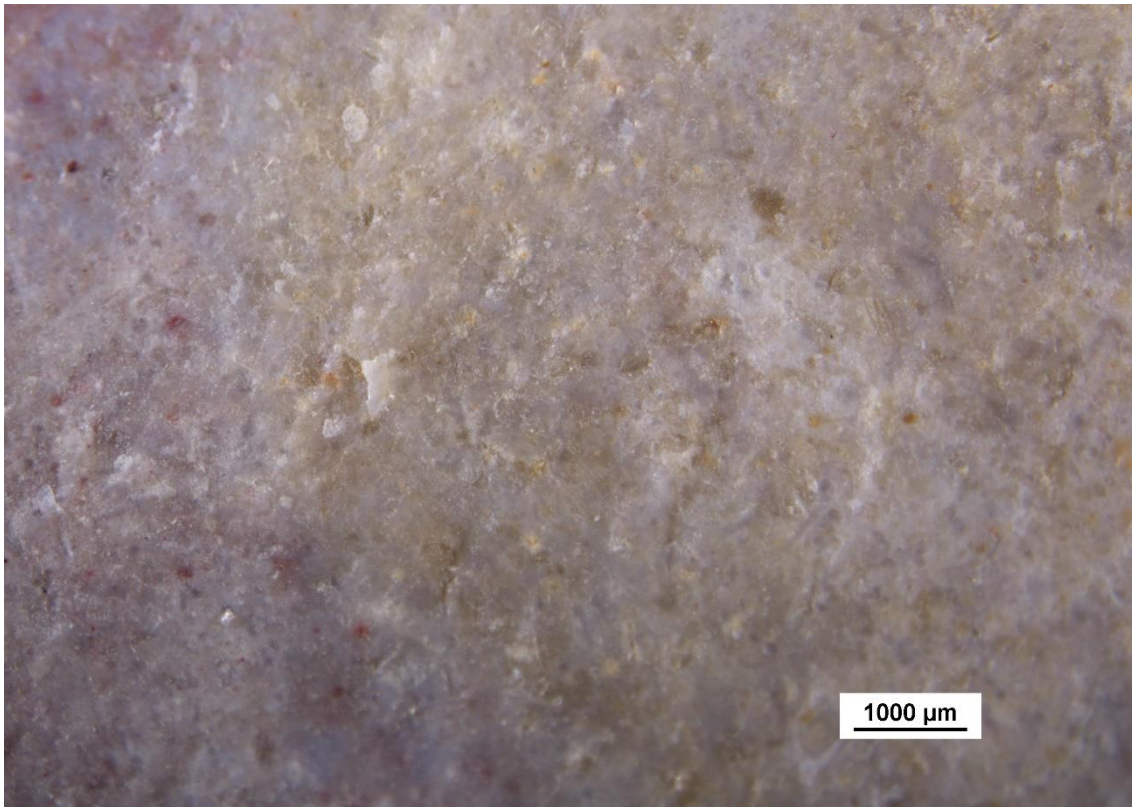
Frequency: Abundant

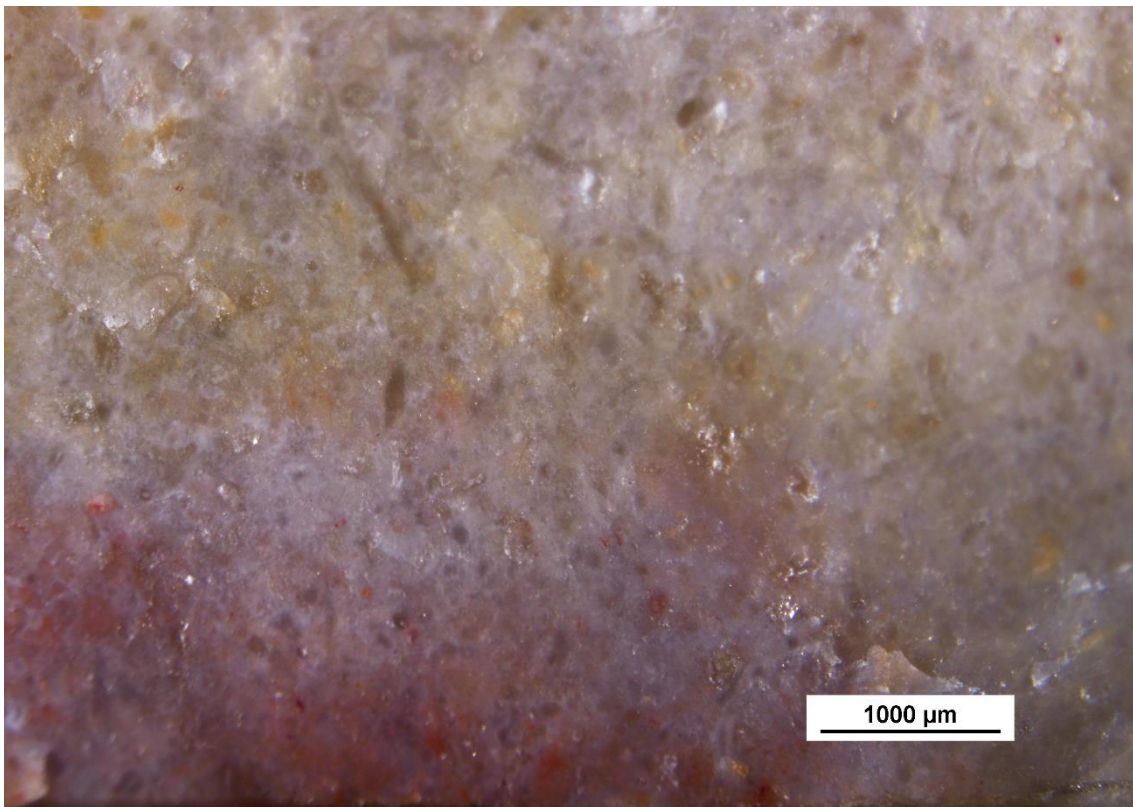
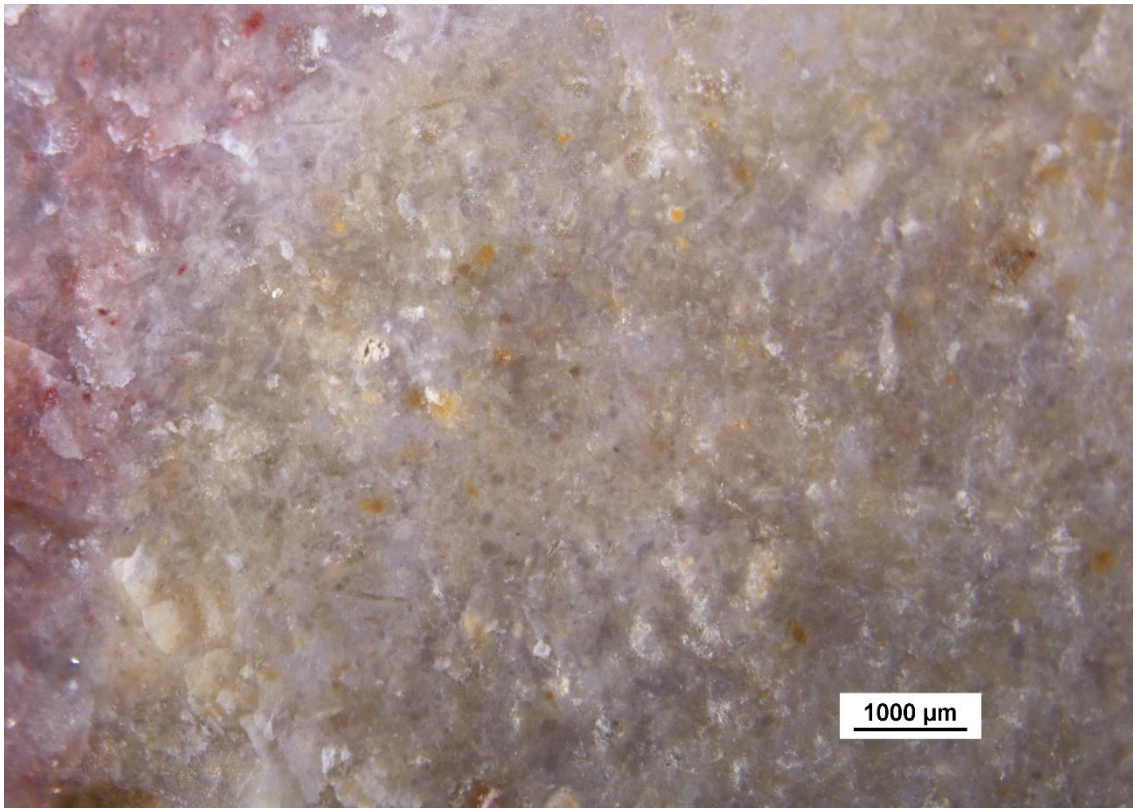
Nodule description: Nodules are variable in size, with a max. of 25 cm of thickness. They are abundant and easy to obtain.

❖ SHORT DESCRIPTION

The outcrop is in a sub-primary state, located at the beach close to the cliffs. The access is easy. Chert nodules are abundant.

Macroscopic photos





Outcrop photos





