

Rojo Coralito



Image source: www.alicantenaturalstone.com

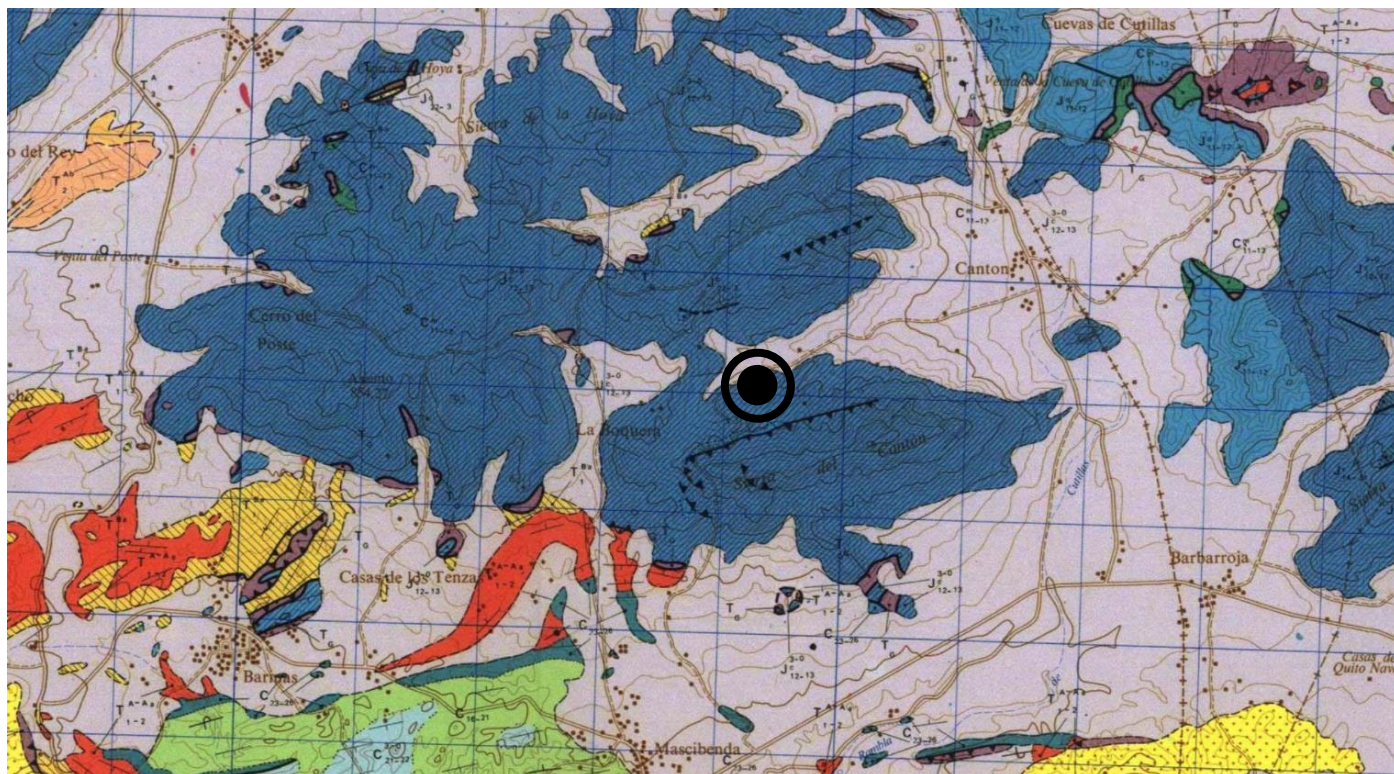
3 cm

Short description:

Red to pink massive limestone with frequent discontinuities (white veins and stylolites).

Commodity (vocabulary)	Lithology (vocabulary)	Typical colour (code list)	Place of origin			
			Country	County / District / Province	Municipality / Community	Place/town / Village
Limestone	Limestone	Red	Spain	Murcia	Barinas	Barinas

Geological setting



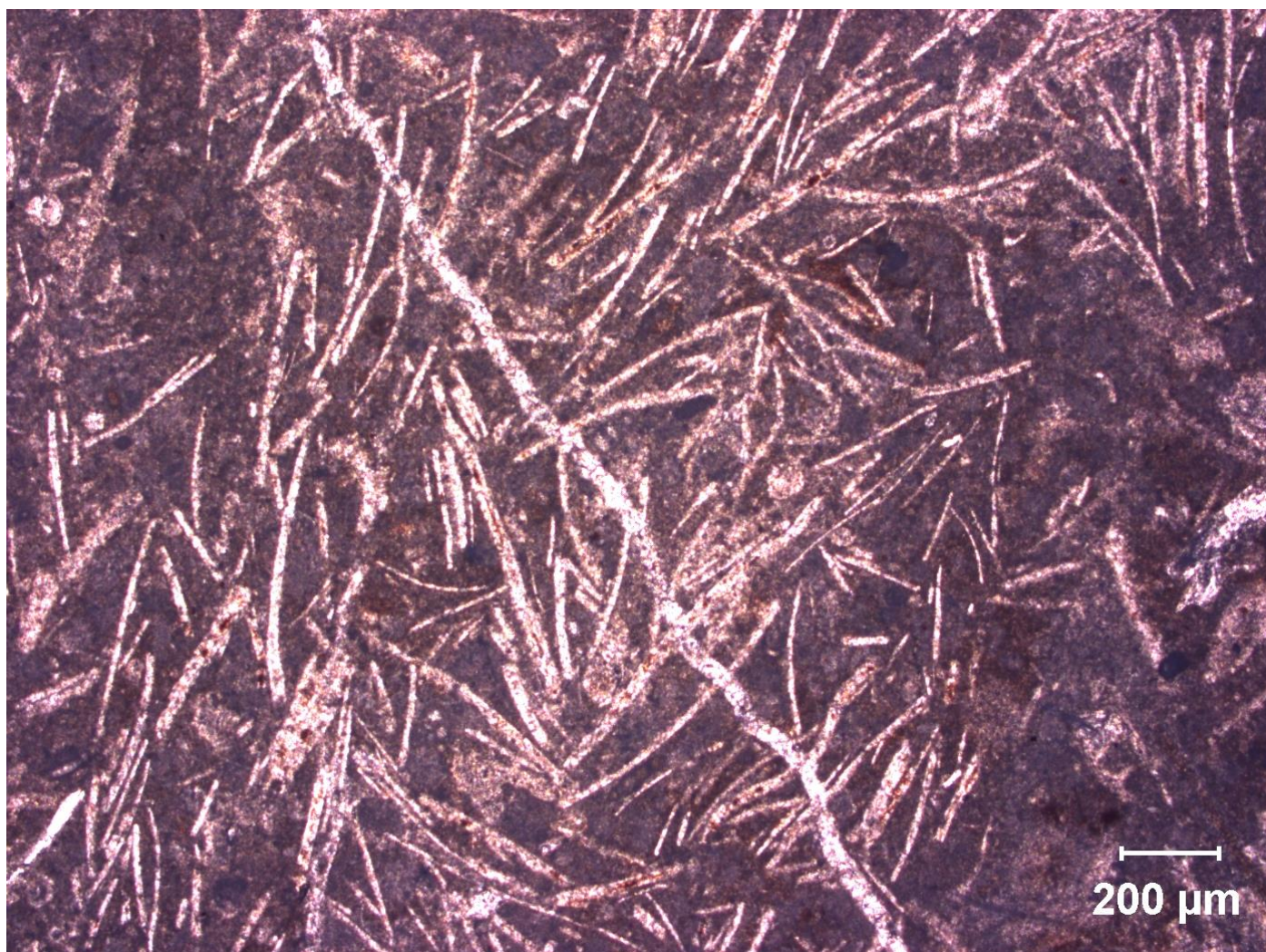
Geology:

Rojo Coralito quarries are located in the Sierra del Cantón (Barinas, Murcia, Spain) and, from a Geologic point of view, it corresponds to the Subbetic Domain of Baetic Cordillera Range. Limestones quarried and commercialized as Rojo Coralito correspond to Jurassic materials of the Zegrí Formation, mainly composed by dolostones and limestones. The thickness of the carbonatic serie of the Zegrí Formation is around 11.5 and 20 meters.

Geological age: Jurassic (Dogger-Malm)

Geological unit: Zegrí Formation (Subbetic Domain)

Petrography



Description:

Fossiliferous limestone (biomicrite) with calcite veins and stylolites. Fossils are mainly fragments of thin bivalve shells. Othochemical component correspond to micrite partially recrystallized at some points.

Source of information:

- 1) Spanish Geological Survey

Mineral composition

If no accurate number, use MM=main minerals, SM = Subordinate minerals, AM=accessory minerals

Mineral 1 (%)	Mineral 2 (%)	Mineral 3 (%)	Mineral 4 (%)	Mineral 5 (%)	Mineral 6 (%)
Calcite (99%)	Quartz (<0.5%)	Opaque minerals (<0.1%)	Clay minerals (AM)		
Mineral 8 (%)	Mineral n (%)				

Source of information:

- 1) Spanish Geological Survey

Physical properties

Apparent density (EN 1936) kg/m ³	Open porosity (EN 1936) % vol	Water absorption at atmospheric pressure (EN 13755) % wt	Uniaxial Compressive strength (EN 1926) MPa	Flexural strength under concentrated load (EN 12372) MPa
2690	0.2	0.1	159.33	19.16

Source of information:

- 1) Spanish Geological Survey (IGME)
- 2) Mármoles y Calizas españoles, 1990, ITGE.
- 3) RocMaquina, Piedras Naturales, maquinaria y equipos. ISSN: 0214-0217.

Sources of more information

Type of information	Name of provider	URL
This data sheet		
Non-commercial directory	Spanish Geological Survey	www.igme.es
Commercial directory	RockMaquina – Piedras naturales, maquinaria y equipos.	
Scientific publication		
Other publication		

Compiled by:	Instituto Geológico y Minero de España (IGME) http://www.igme.es/	 Instituto Geológico y Minero de España
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