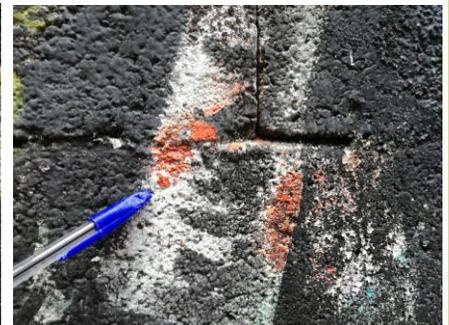


Object 25. O Lobo-DELIO-Pontevedra 2009
 Characterization of MATERIALS-PAINTS and SUPPORT- and
 DETERIORATION FORMS – January 2020

	SUPPORT	PAINTS
DESCRIPTION	Wall made with concrete bricks South (S ₅ W) facing wall but the sun never hits it directly	Grey, black, white, yellow, green and orange (plastic paints)
ANALYSIS	XRD	XRD, FTIR, SEM-EDS
RESULTS	Aggregate –silicates Cement phase-Portland cement Very good condition	Calcium carbonate, talc and titanium oxide as inorganic phase.

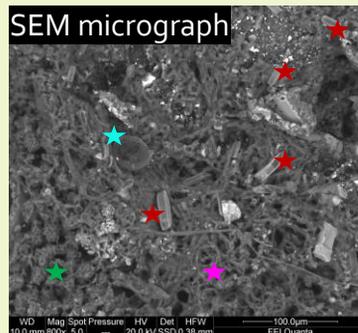
Erosion - delamination

The pictorial layer is detached, revealing the previous work (green, purple and red colors)



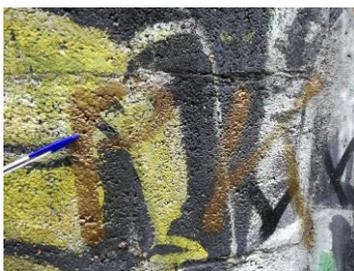
Biological colonization

It is verified on a microscopic scale. It is, probably, the cause of the EROSION

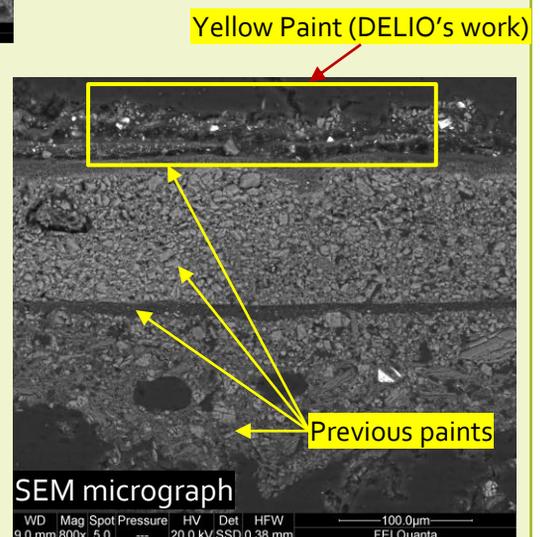


Different organisms grow on the surface of the paints: cyanobacteria, photosynthetic algae, microscopic fungi and diatoms. Pollen grains are also seen

Vandalism



The paints of Delio's work appear very eroded; However, the paintings below, from previous works, remain intact. Perhaps there has been some change in the environmental conditions of the wall?



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