

Supporting Information

Epitaxial Growth and Frictional Response of Otavite and Spherocobaltite on Dolomite (10.4) Surfaces

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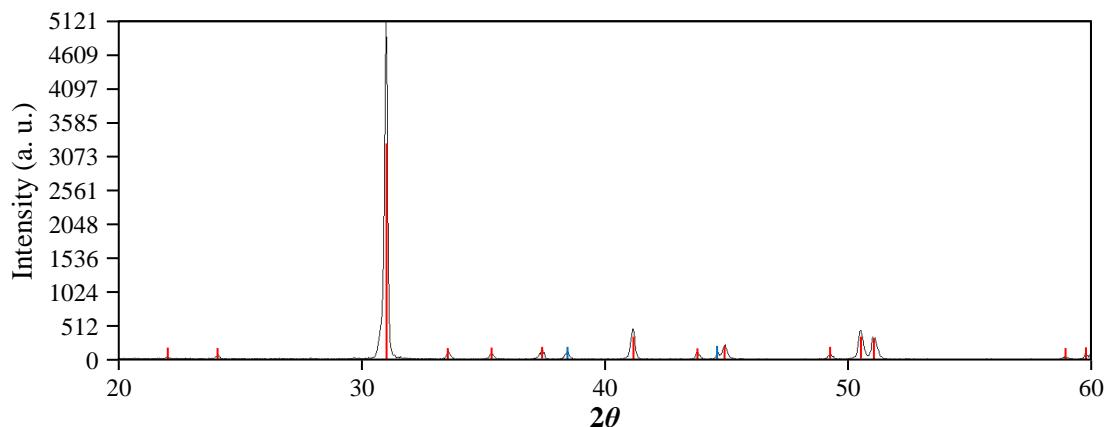


Fig. S1. Diffractogram of dolomite crystals analyzed with XRPD. Black line is the experimental pattern of the dolomite sample analyzed. Red lines show the PDF-2 dolomite pattern (75-1710), blue lines show the PDF-2 aluminum pattern of the diffractometer sample holder (85-1327).

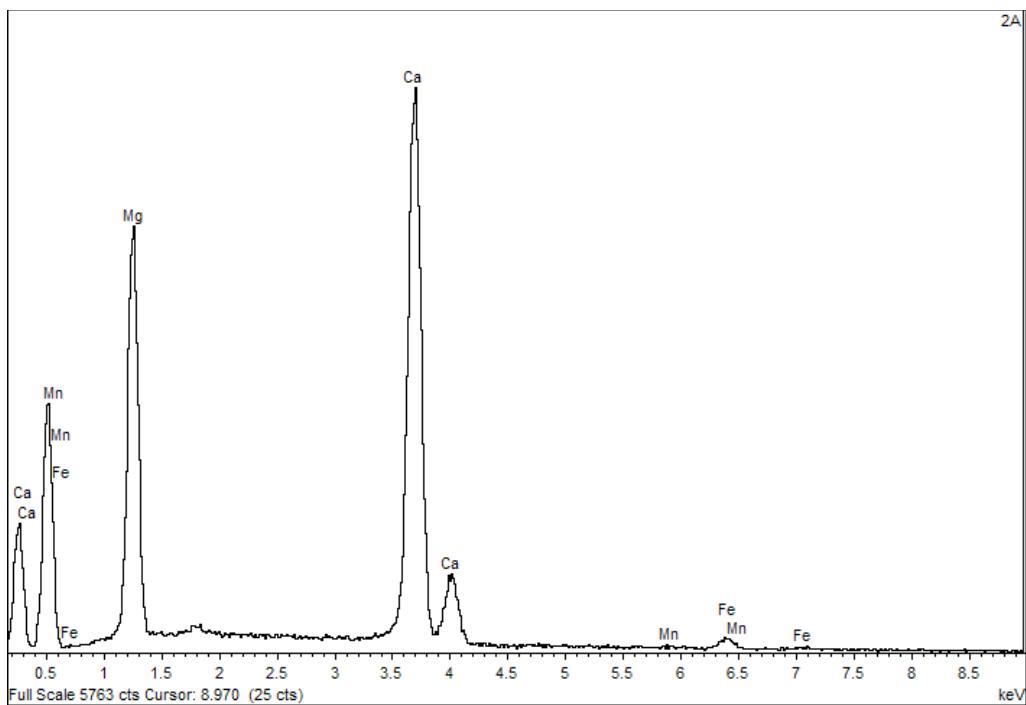


Fig. S2. Typical EDX analysis of a natural dolomite crystal from Eugui (Spain).

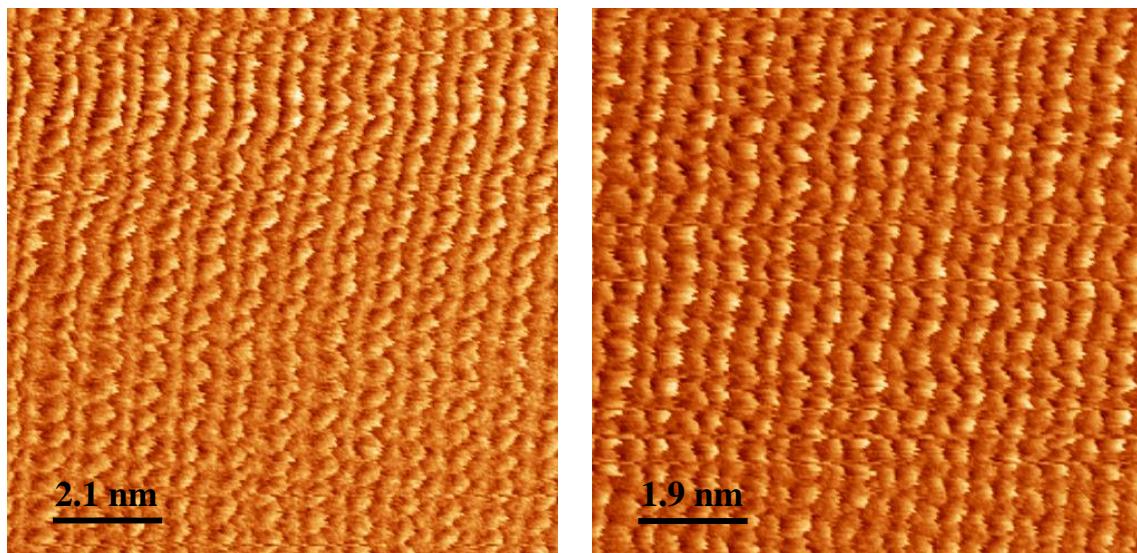


Fig. S3: Friction AFM high resolution images of dolomite crystals immersed in deionized water.

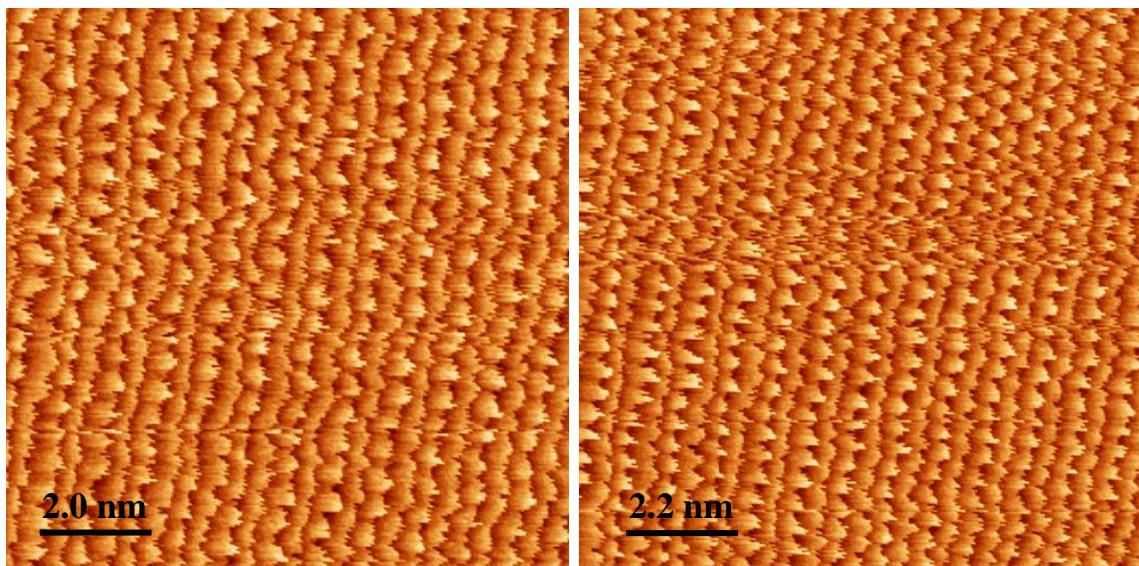


Fig. S4: Friction AFM high resolution images of otavite overgrowths in highly supersaturated solutions.

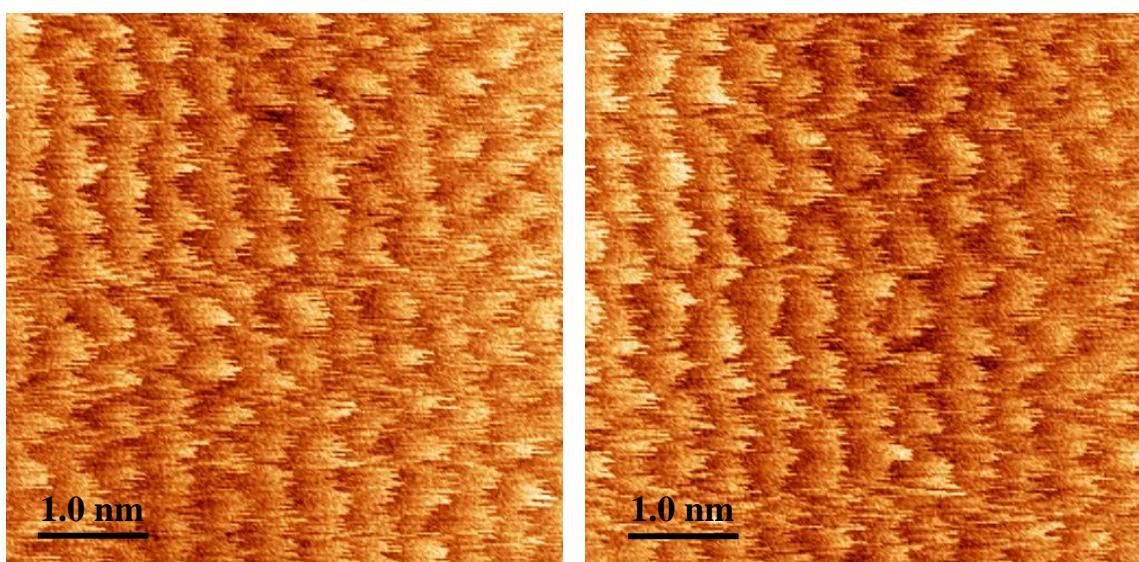


Fig. S5: Friction AFM high resolution images of spherocobaltite overgrowths in highly supersaturated solutions.