

SUPPLEMENTARY MATERIAL

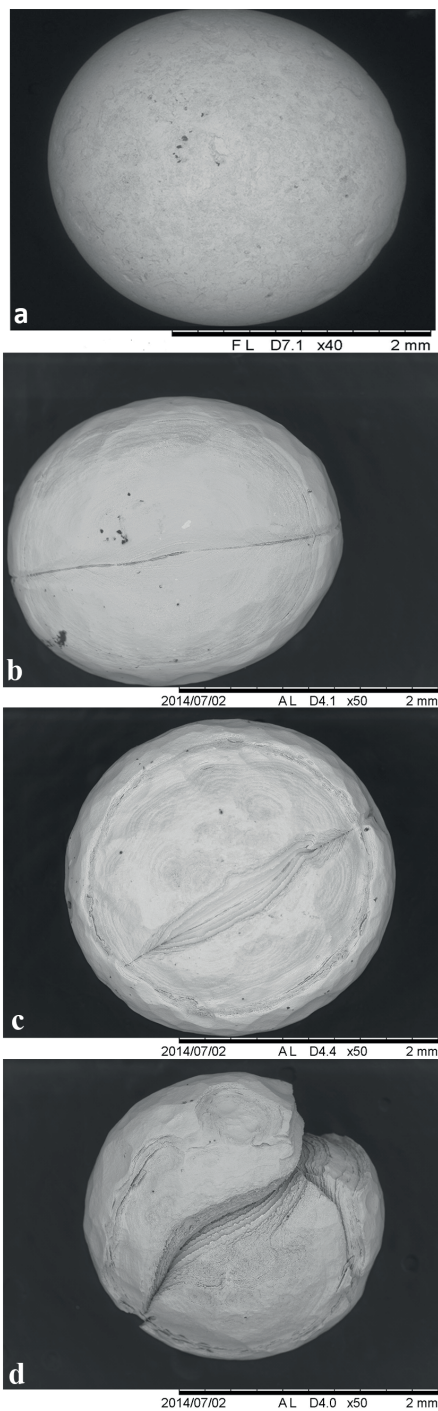


Figure S1 - SEM of barite before dissolution test, with resolution of 40x (a); SEM of barites after dissolution tests at 80 °C and 12h: in 10 DTPA% solution, with resolution of 50x (b); in 15 DTPA% solution, with of 50x (c); in 25 DTPA% solution, with resolution of 60x (d).

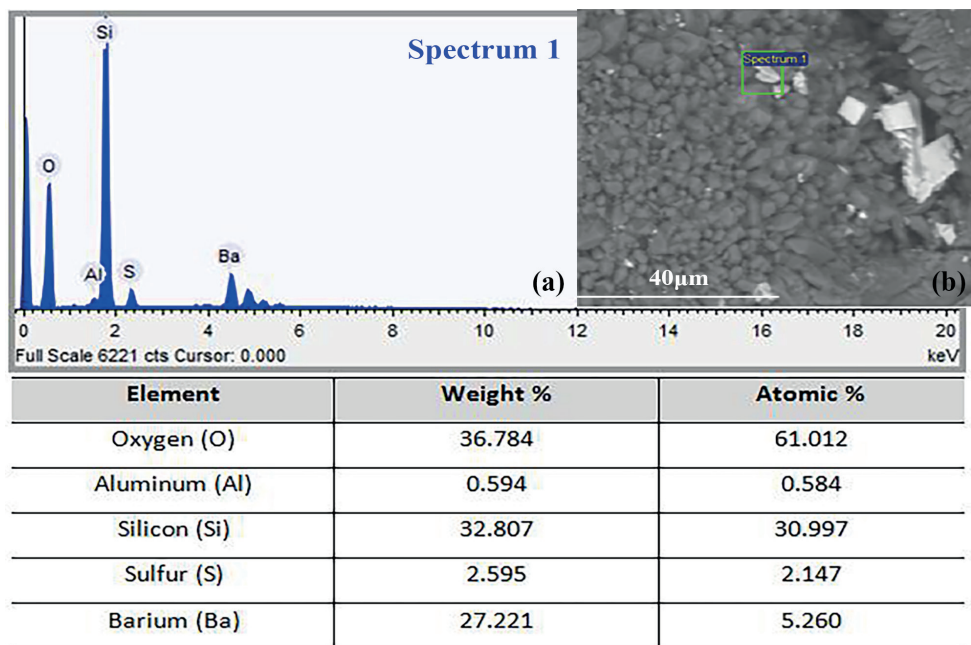


Figure S2 - (a) X-ray spectrum and chemical composition of region marked; (b) SEM of rock, in detail can be observed precipitate BaSO₄ crystals (resolution of 1200x).