



Supplementary Figure 6. Comparison of XRD diffractograms of dark-colored minerals of carbonate block and bottom sediments: (A) detrital albite-biotite-quartz crystalline schist in the matrix of the OD-I-1 carbonate block; (B) detrital amphibole with admixture of muscovite, chlorite, quartz and feldspar in the bottom sediments of st. 5623 (Oden cold seep area). 1 – muscovite, 2 – biotite, 3 – amphibole, 4 – quartz, 5 – chlorite, 6 – albite.