SUPPORTING INFORMATION

Effect of Fulvic Acid and Sodium Chloride on the Phase Equilibrium of Methane Hydrate in Mixed Sand-Clay Sediment

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In this work, the physical parameter of quartz sand, monmrillonite, superfine kaolin and marine sediment samples from the SCS are listed in Table S1.

Table S1. The physical properties of different porous media and marine sediment

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Exp.	Porous media	Density /g·cm^{-3}	Specific area /m^2·g^{-1}	Average pore diameter/nm	Pore volume /cm^3·g^{-1}
1	Quartz sand	2.59	11.099	12.913	0.05472
2	Monmrillonite	2.57	21.425	7.754	0.13468
3	Superfine kaolin	2.55	9.763	20.242	0.04940
4	Marine sediment(883m)[31]	2.69	16.997	23.134	0.05423
5	Marine sediment(1600m)[31]	2.81	16.412	7.898	0.04997