

Rock properties of the Sandstone samples

Sandstone Sample	Porosity (%)	Resolution ($\mu\text{m}/\text{voxel}$)	LBM permeability estimate (mD)	PNM permeability estimate (mD)	Pore value
S1	14.1	8.863	1312	1486	0
S2	24.6	4.956	3394	3950	0
S3	16.9	9.1	109	281	0
S4	17.1	9.0	215	169	0
S5	21.1	3.997	4440	5369	0
S6	24.0	5.1	10951	11282	0
S7	25.1	4.803	6037	7926	0
S8	34.0	4.892	12936	13932	0
S9	22.2	3.398	1844	3640	0