

Lithology	ϕ	ρ (gcm ⁻³)	V_p (ms ⁻¹)	V_s (ms ⁻¹)
Chalks	0.10 - 0.75	1.43 - 2.57	1.53 - 4.30	1.59 - 2.51
Dolomite	0.00 - 0.32	2.27 - 2.84	3.41 - 7.02	2.01 - 3.64
Sandstones	0.04 - 0.30	2.09 - 2.64	3.13 - 5.52	1.73 - 3.60
Tight-gas sandstones	0.01 - 0.14	2.26 - 2.67	3.81 - 5.57	2.59 - 3.50
Limestone	0.03 - 0.41	2.00 - 2.65	3.39 - 5.79	1.67 - 3.04
High-porosity sandstones	0.02 - 0.32	2.12 - 2.69	3.46 - 4.79	1.95 - 2.66
Poorly consolidated sandstones	0.22 - 0.36	2.01 - 2.23	2.43 - 3.14	1.21 - 1.66