

Torq b	10	100.0
Torq c	15	100.0
DB		100.0
EVCM u	8	100.0
EVCM l	9	100.0

Lithology Values Table

Lithology Size (mm)	Lithology Name	Initial Porosity	Compaction Factor (FM)	Exponential Factor (SC)	Density (g/cm ³)	Grain
0.5	Sandstone	0.45	1.75	0.27	2.64	
.0156	Siltstone	0.55	2.20	0.41	2.64	0
.0004	Shale	0.60	2.40	0.51	2.60	0
0.5	Limestone	0.60	1.50	0.22	2.72	
0.5	Dolomite	0.60	1.50	0.22	2.85	
.0004	Evaporite	0.00	0.00	0.00	2.15	0
.0004	Coal	0.90	3.50	0.70	1.80	0
.0001	Igneous	0.00	0.00	0.00	2.65	0
.2972	Torq b	0.59	1.60	0.24	2.721	0
.0049	Torq c	0.59	2.11	0.41	2.659	0
.0016	DB	0.60	2.22	0.45	2.624	0
.0349	EVCM u	0.53	2.10	0.37	2.564	0
.0125	EVCM l	0.56	2.21	0.41	2.551	0

Lithology Name	Matrix Conductivity (W/m*deg C)	Heat Capacity (kJ/m ³ *deg C)
Sandstone	4.40	2800.
Siltstone	2.00	2650.
Shale	1.50	2100.
Limestone	2.90	2600.
Dolomite	4.80	2600.
Evaporite	5.40	1750.
Coal	0.30	950.0
Igneous	2.90	2500.
Torq b	3.1	2607.
Torq c	2.7	2305.
DB	2.5	2200.
EVCM u	4.0	2475.