

Lithological classes	Soil type	ϕ' lab ($^{\circ}$)	c' (Pa)	γ_d (kN m^{-3})	n (%)	k_s (m s^{-1})	h_b	q_r	λ
Calcareous schist	Sand with gravelly silt	31	1000	16.5	39	1.1×10^{-5}	0.1466	0.041	0.322
Alluvial deposits	Sand with gravel and silt	26	1000	14.0	46	3.0×10^{-6}	0.1466	0.041	0.322
Glacial deposits	Sand with silty gravel	31	1000	15.3	41	2.7×10^{-6}	0.1466	0.041	0.322
Colluvial deposits	Sand with silty gravel	25	1000	13.7	47	2.5×10^{-6}	0.1466	0.041	0.322
Granites	Sandy gravel	30	1000	17.6	32	4.0×10^{-6}	0.1466	0.041	0.322
Mica schists	Sandy silty gravel	30	1000	17.7	32	6.0×10^{-6}	0.1466	0.041	0.322
Green stones	Gravel with silty sand	32	1000	16.3	37	4.6×10^{-6}	0.1466	0.041	0.322