

Geological type	c' (kPa)	ϕ' ($^{\circ}$)	γ_{sat} (kN m^{-3})	K_s (m s^{-1})	α (cm^{-1})	θ_s	θ_r
Vegetated land	10.5	37	21	1×10^{-6}	0.8	0.40	0.25
Bedrock	–	–	–	0	–	–	–
Loose soil deposit	4	37	21	1×10^{-5}	0.8	0.42	0.18
Riverbed	–	–	–	1×10^{-3}	–	–	–