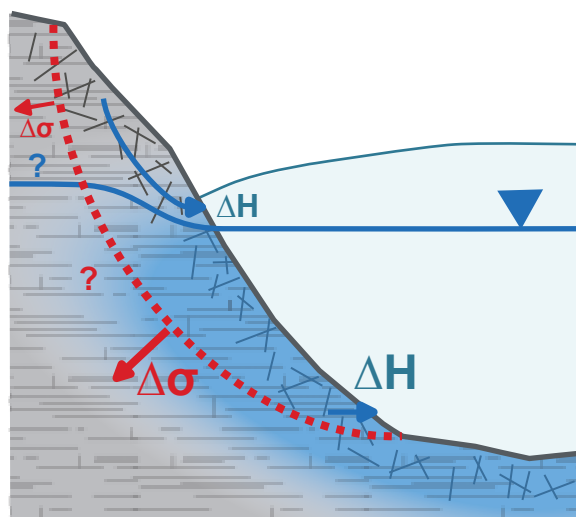


(a) glaciated conditions

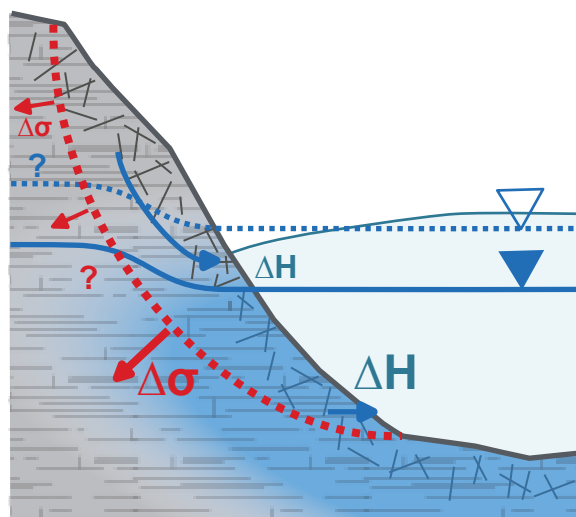


UNDRAINED

above the water table:
water can freely drain

below the water table:
water cannot drain due to
glacier overburden
pressure (or only very
little at subglacial
channels)

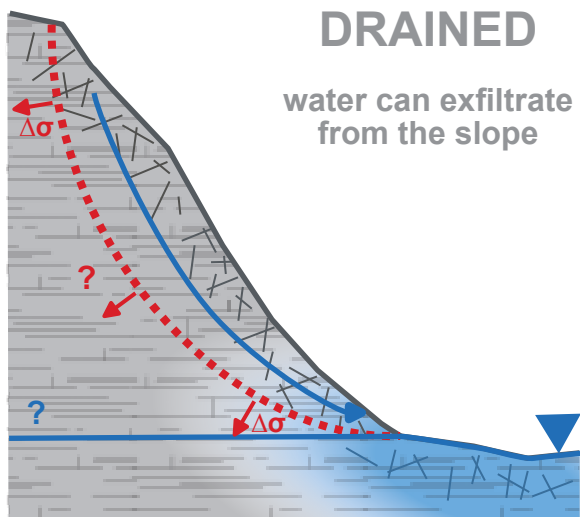
(b) during de-glaciation



PARTIALLY DRAINED

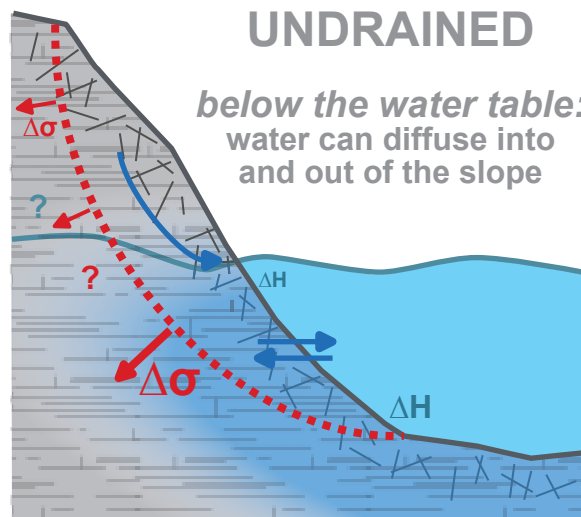
*the water table
lowered due to glacier
mass loss*

(c) upon glacier disappearance



DRAINED

water can exfiltrate
from the slope



UNDRAINED

below the water table:
water can diffuse into
and out of the slope