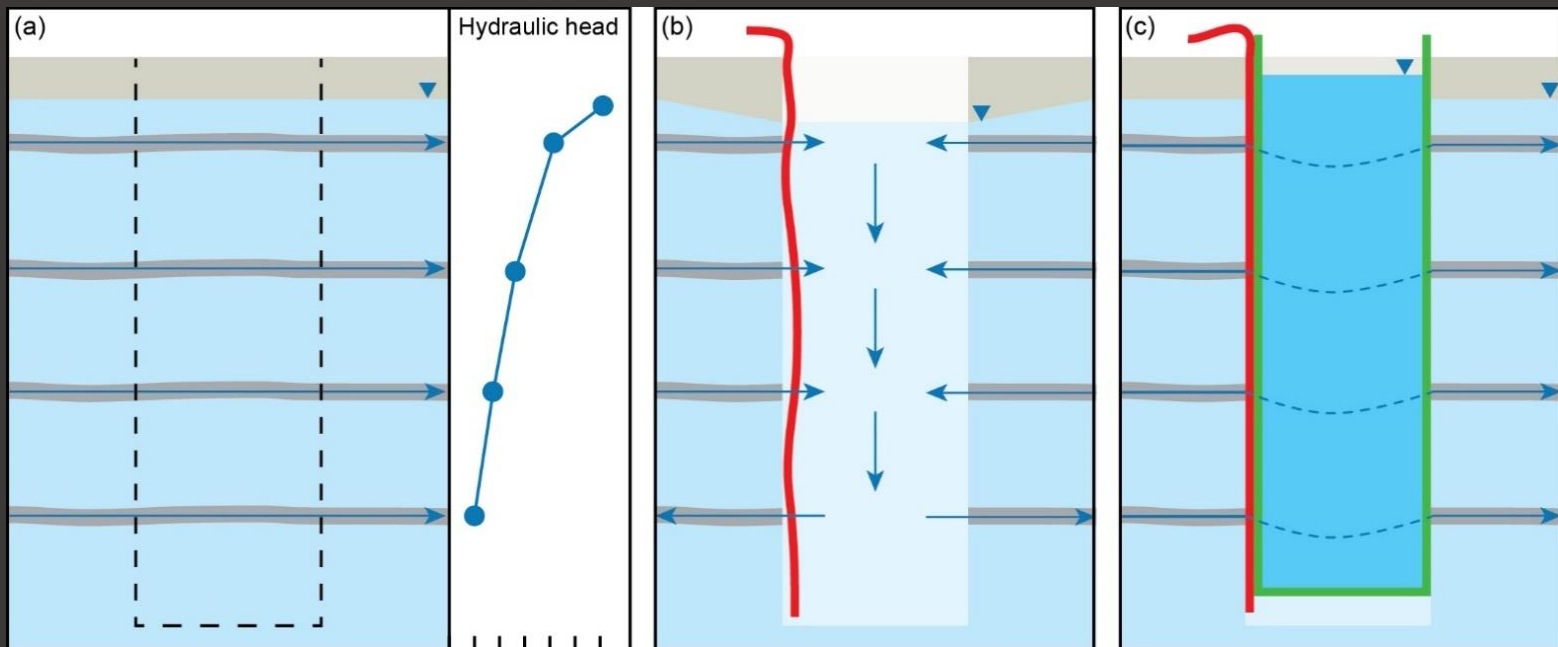
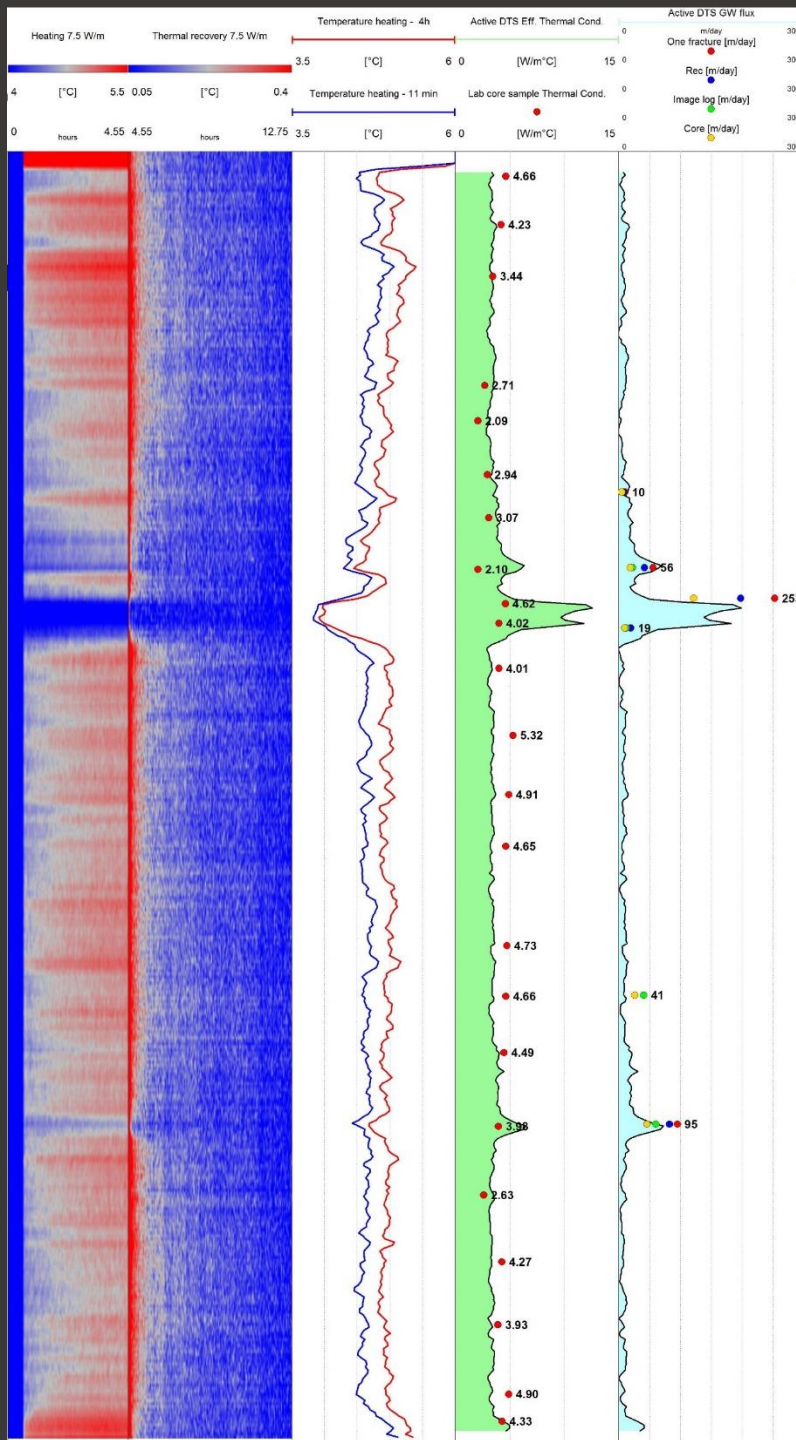


Groundwater flux estimation from point dilution and active distributed temperature sensing methods in a fractured bedrock aquifer

CARLOS MALDANER¹, BETH PARKER¹, PATRICK QUINN¹, JONATHAN MUNN¹, THOMAS COLEMAN^{1,2}

Using heat as tracer to quantify fracture groundwater flux/velocity based on the Active DTS test in sealed borehole method





Heat the cable

Measure temperature
Spatial resolution 29 cm

Effective thermal conductivity

Groundwater flux/velocity

Fast: 1-3 days to final result

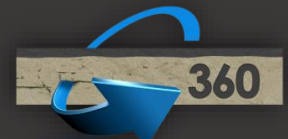
Efficient and economical

Reusable

Abstract n°2010



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