

Thermal Response Test Equipment Data

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Country: Chile

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GENERAL TRT DATA

Type: <i>Heat injection</i>	No TRTs: 1	Size, weight: 1m+0,5m+1,20 m
Aim: <i>Research</i>		Pump: <i>PKM 60-1, 5 till 40 l/min</i>
Powered by: <i>Electricity</i>		Heater: <i>2 kW</i>
Built on/in: <i>Stationary</i>		HP/Cooler: <i>non</i>
		Temperature measurements: thermocouples of type K (Chromel/Alumel)
		Flow rate measurements: manual rotameter "Blue White industries 9509"
		Voltage stabilization: <i>No</i>
		Supply Power Monitoring: <i>Yes, manually</i>
		GPS: <i>No</i>
		Remote Control of Operation: <i>No</i>
		Remote Data Collection: <i>No</i>
		Logger: <i>semiautomatic, Gemini Data Loggers</i>

TRT EXPERIENCE

Years of operation: 8

Number of performed measurements: 2 *Research*

Typical borehole depths: 17 m

Applications: *BHE*

Typical collector type: 1U

Typical fluid type: water

Typical groundwater temperature: 16,6°C

Geographical area: *Quilpué, near Valparaíso, Chile*

Analysis Method: *Line Source Model*