

3.2 Westbury 1

The heat flow model for Westbury 1 (Fig. 1) illustrates a good fit between the observed and predicted temperature profiles. The well shows possible advective influence at around 140 m depth, reducing the heat flow at surface to 60 ± 1.3 mW/m². The conductive basal heat flow is 72 ± 1.3 mW/m² over the conductivity-constrained interval (approximately 100 m – 252 m).

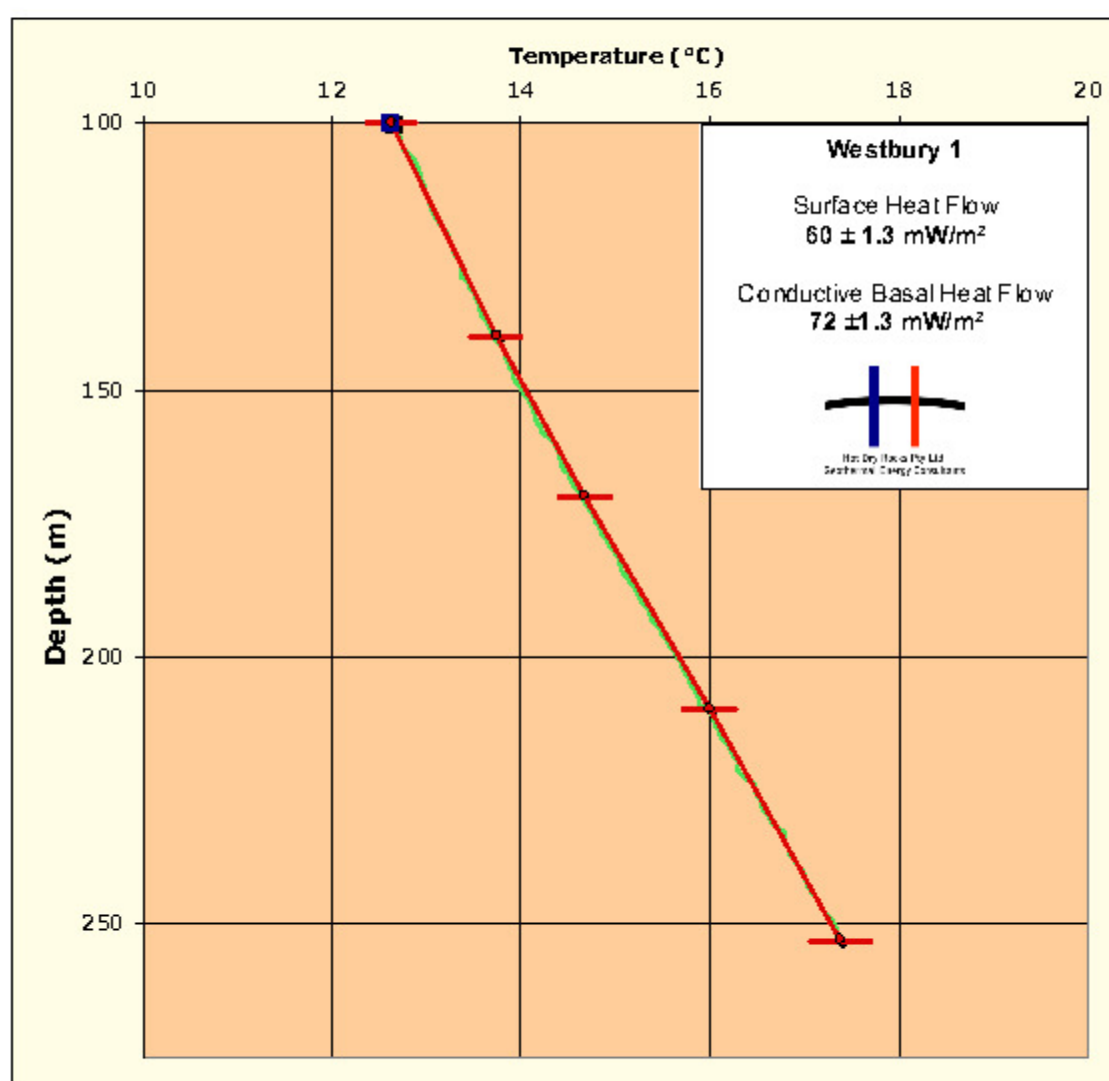


Figure 1. Westbury 1 – conductive heat flow modelled from rock thermal conductivity data and precision temperature log (green line). Red line is the modelled temperature profile for the stated heat flow.