3.8 Rheban 1

The heat flow model for Rheban 1 (Fig.7) illustrates a good fit between the observed and predicted temperature profiles. The well only intersects Jurassic dolerite with thermal conductivities ranging from 2.05 – 2.23 W/mK. The modelled conductive surface heat flow is **94.0 ± 0.5 mW/m^2** calculated from the conductivity-constrained interval (approximately 130 m – 245m).

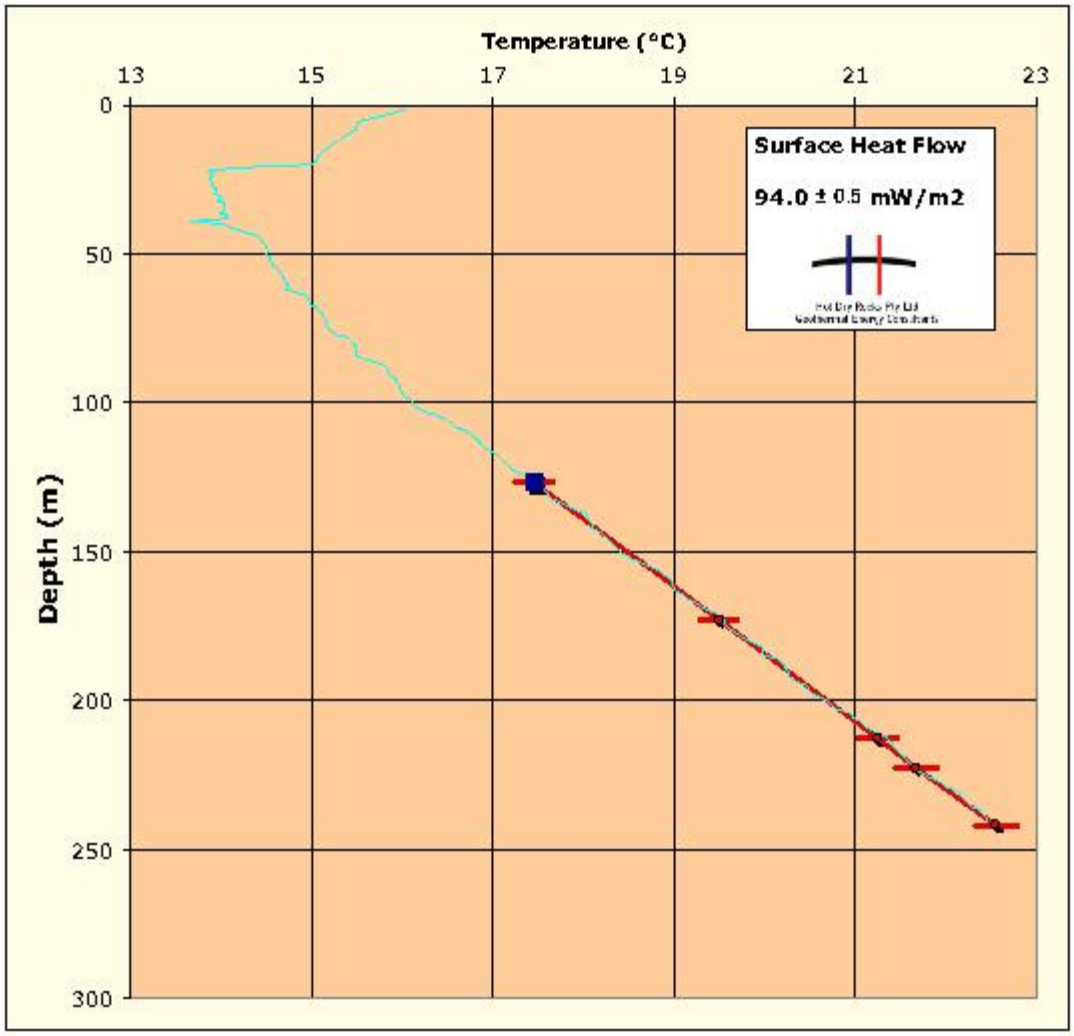

Figure 7. Rheban 1 – conductive heat flow modelled from rock thermal conductivity data and precision temperature log (blue line). Red line is the modelled temperature profile for the stated heat flow.