

Amoco Minerals Australia Company.
Marpoza Grid - Zeehan TAS

619117

Leveling work: Feb. Mar 1982.

Particularly on the western side of the grid it was impossible (due to terrain and vegetation) to level between ends of traverses to create a closed loop. For reasons of time, it was impractical to level back from the end of a traverse to the baseline. (In many instances up to 8 hours were required to level 400-500 metres).

Closures were possible on the eastern side of the grid. Closure errors were: 0.049 m, 0.008 m, 0.015 m, 0.006 m, 0.022 m, 0.021 m, 0.009 m, 0.006 m, 0.013 m,

Thus the greatest closure error was 4.9 cm, with an average error of 1.66 cm.

To ensure accuracy of the baseline leveling, this survey was run twice. All readings checked to within five millimetres.

All stations are marked with, and were levelled to, a dumpy peg.

Using EDM equipment the Marpoza grid was tied to a reference station - the bus shelter at the Zeehan - Rosebery - Queenstown intersection. At this time the R.L. of this station is not known, however station 67250E/58800N which has an assigned R.L. of 100.000 m is 12.214 m below the bus station reference.