

TR10-92

16. PROPOSED BRIDGE SITE, JUDBURY

by M. J. Longman

The site of the proposed bridge at Judbury is adjacent to and upstream from the existing bridge over the Huon River.

Three holes have been drilled using a Goldfields G33 plant, one on each embankment and one in the centre of the river.

The rocks of the area are Permian mudstone and sandstone of the Malbina Formation intruded by Jurassic dolerite. The contact is discordant. Dolerite outcrops upstream and south from the existing bridge and Permian rocks occur to the north and east. Overlying these rocks and confined to the river valley are Recent gravel, sand and clay of unknown depth.

The drilling results are inconclusive as very hard material was penetrated close to the surface, i.e., 12'0" in bore 1, 6'0" in bore 2 and 14'0" in bore 3, which reduced drilling rate and made sampling difficult. From sludges and drillers' records the material appears to be quartzite and dolerite gravel, but if further details are required it would be necessary to core using a diamond drill.