

APPENDIX 5 BASEMENT FAULTS OF THE PUKEHANGI AREA

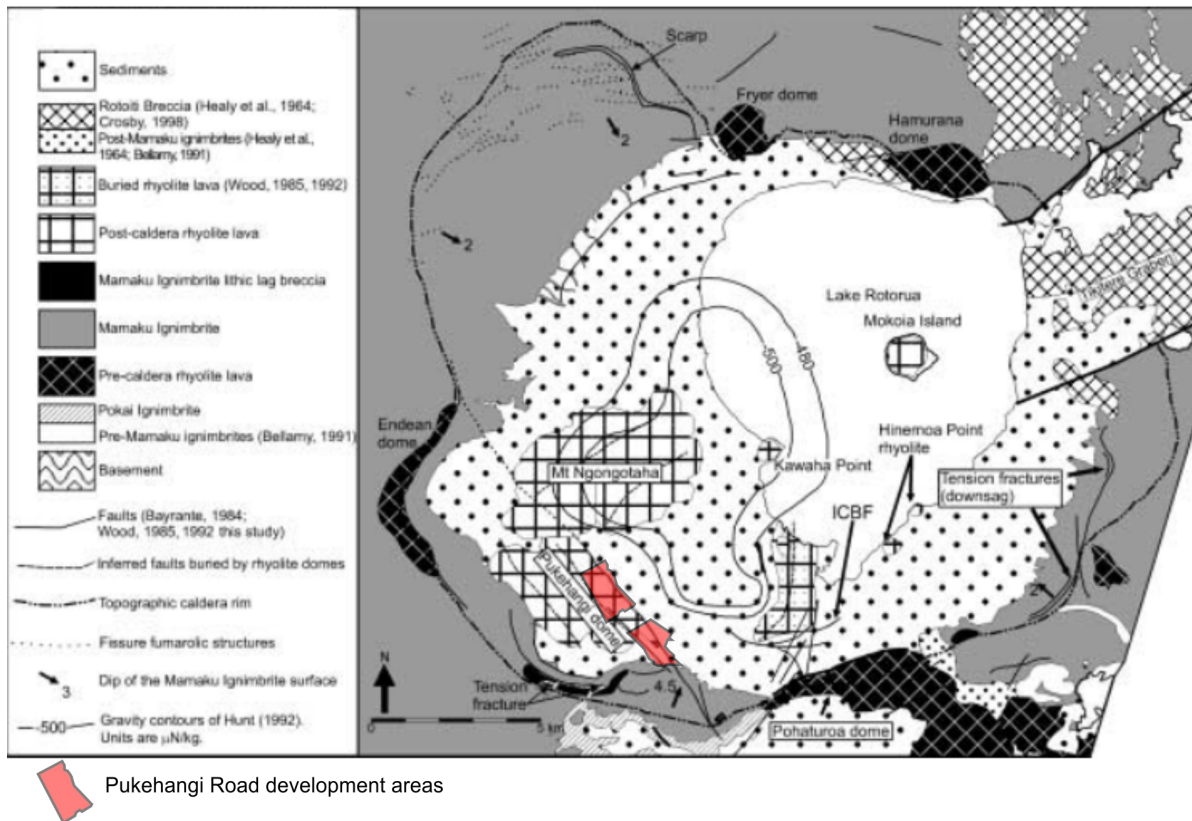


Figure A5.1 Pukehangi Road site overlain on the basement fault map of Milner et al. (2002). Summarised caption from Milner et al. (2002): Geological map of Rotorua Caldera. The area of the lowest gravity anomaly is in the southwest of the caldera. Fissure fumarolic structures are present towards the northwest edge of the caldera. Faults have been inferred beneath rhyolite domes surrounding the gravity low.

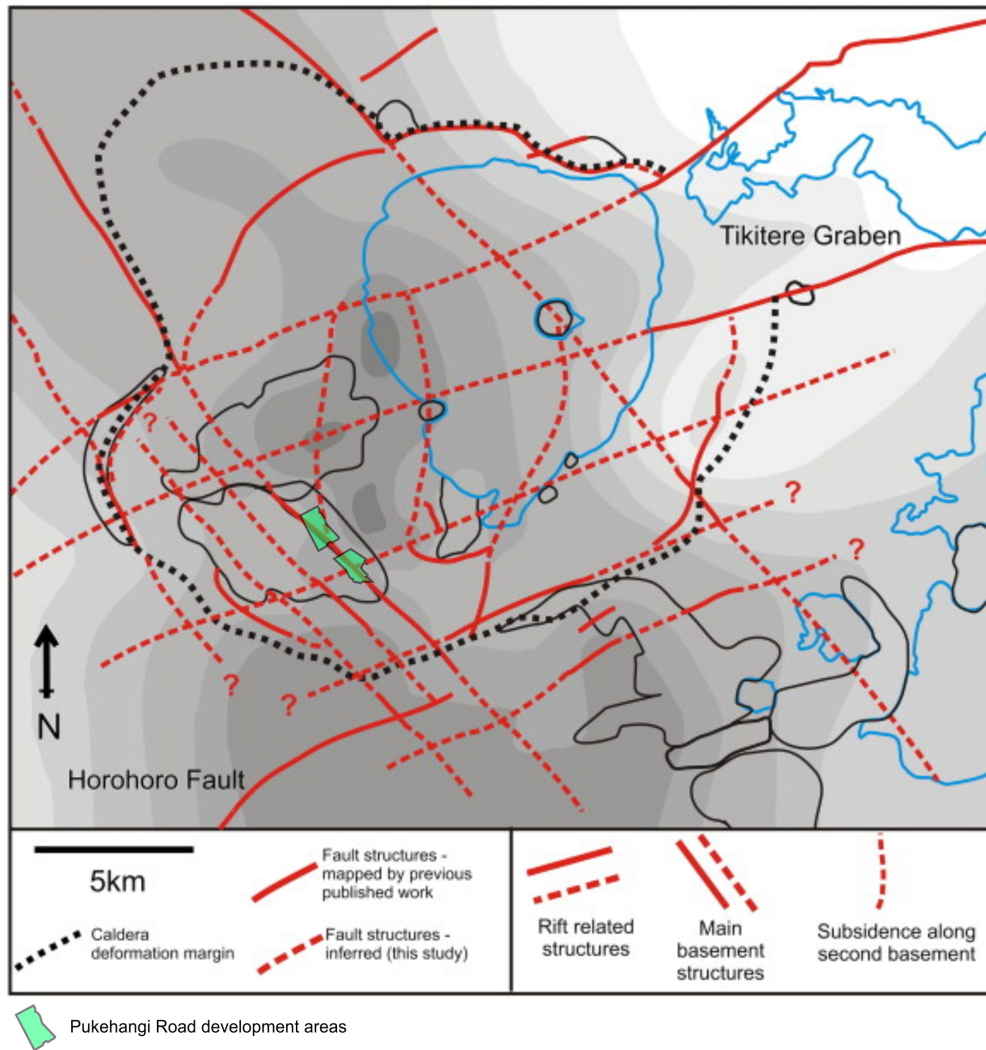


Figure A5.2 Pukehangi Road site overlain on the basement fault map of Ashwell et al. (2013). Summarised figure caption from Ashwell et al. (2013): Regional (trending NE–SW), caldera collapse (N–S) and basement related (trending NW–SE) structures grouped by strike and based upon dome elongations and internal structures. Domes are outlined in black, see Figure 1.2 for names, while lakes are outlined in blue. Known fault structures are taken from Milner (2001). Inferred faults are based on gravity gradients, dome locations, continuation of regional scale faults across the caldera, and field measurements of flow bands and fractures sets in lava domes.