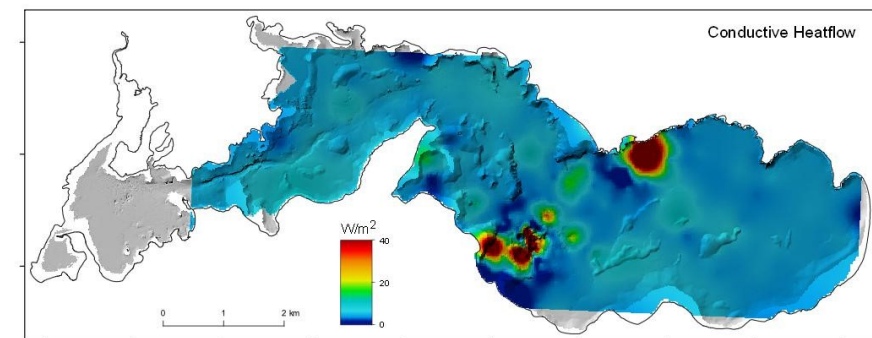
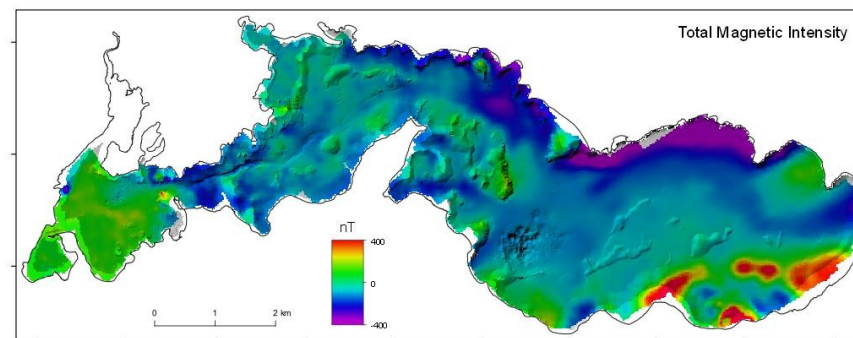
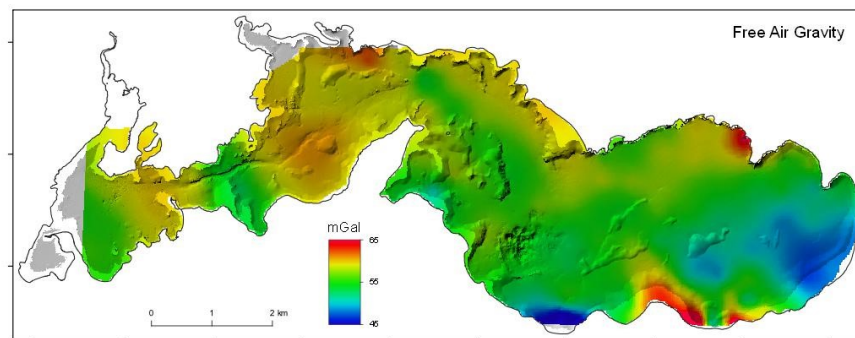
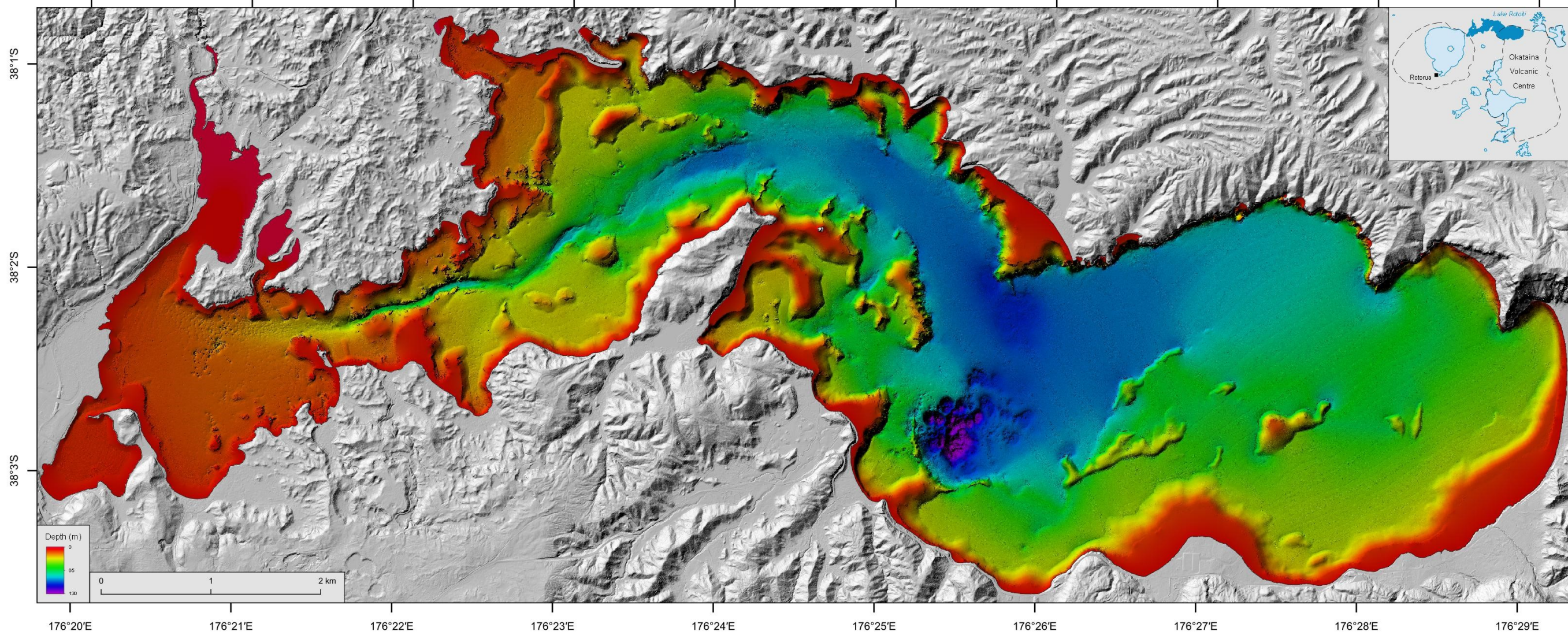


Lake Rotoiti



Bibliographic reference
 de Ronde C.E.J., Caratori Tontini F., Black, J. 2021. Bathymetric Map of Lake Rotoiti, New Zealand. Lower Hutt (NZ): GNS Science. Scale 1:17,500. (GNS Science Rotorua Lakes map series). DOI: 10.21420/8123-EA25. ISBN: 978-1-99-101318-7
 1. Institute of Geological and Nuclear Sciences Ltd., Lower Hutt, New Zealand.

The total length of survey lines during the multibeam survey was 294.5 km, with a total area surveyed of 30.11 km². The maximum depth recorded was 126.6 m. The data density supports a 1 m grid of the bathymetry (as shown).

Acknowledgements
 GNS Science wishes to acknowledge the iwi, hapū and whānau who are the mana whenua that connect with, and uphold the mana wai of, Lake Rotoiti. We also acknowledge the Te Arawa Lakes Trust for providing access to the lake and for their support to do this research. iXSurvey provided in-kind assistance in the acquisition of multibeam data for this project, and D.L. Mundy and R.H. Davies are acknowledged for their expertise in surveying the lake. D.K.H. Immenga of the University of Waikato provided expert boatsmanship and safe working conditions during the magnetic, gravity and heat flow surveys. We thank R. Peden for help in securing funding. Funding for this project was by way of Contact Energy, Bay of Plenty Regional Council and the GNS Science Strategic Development Fund.

References
 de Ronde C.E.J., Caratori Tontini F., Walker S.L., Stewart T.J., Fornari D.J., Stucker, V.K., Black J. 2022. The geology and geophysics of Lake Rotoiti, New Zealand. Implications for sublacustrine geothermal activity. *Journal of Volcanology and Geothermal Research*. In press.

Disclaimer: Not to be used for navigation

Scale: 1:17,500

Projection: New Zealand Transverse Mercator 2000 (EPSG: 2193)

Elevation data provided by BOPLASS Limited and used under CC BY 3.0 NZ licence

