

To whom it may concern

**Letter regarding the review of the Ruamāhanga SkyTEM dataset and products**

This letter documents that the HydroGeophysics Group, Department of Geoscience, Aarhus University, has undertaken a detailed review of the Ruamāhanga SkyTEM datasets and products. The review consisted of the following tasks:

1. Review of the SkyTEM Australia data collection report and the collected data. Specifically, the SkyTEM Australia Report produced in May 2023 has been reviewed in detail to ensure consistency between the reported SkyTEM design and setting for the survey, and the delivered data and geometry files. The report and delivered data were found to be of good quality.
2. Review of the automatic and manual processing and Laterally Constrained Inversion results performed by GNS Science. The work was reviewed prior to Workshop 1, which was held in October 2023. The processing and Laterally Constrained Inversion was of an acceptable quality to conduct the Workshop.
3. Review of the Ruamāhanga SkyTEM Spatially Constrained Inversion final deliverables. All quality control themes were scrutinized and found to be of acceptable quality. The Spatially Constrained Inversion resistivity model results are consequently suitable for hydrogeological interpretation. The work was mainly carried out during June 2024.

Date: 19-06-2024

Sender's CVR no.: 31119103

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Please do not hesitate to contact our research group if questions should arise with respect to the delivered dataset.

On behalf of the HydroGeophysics Group, Department of Geoscience, Aarhus University

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