

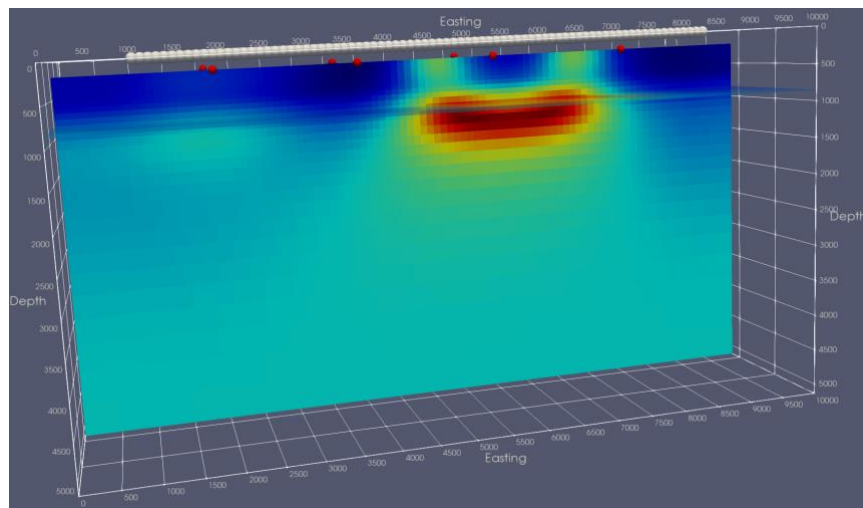


Joint inversion of magnetotelluric and ZTEM data

CMTS is excited to announce that we have developed a novel joint inversion algorithm for magnetotelluric and ZTEM data. We have extended our proven and trusted inversion methodology for MT to include airborne ZTEM data considering all details of the acquisition geometry. This allows us to apply our significant expertise in electromagnetic imaging to this important technique in mineral exploration.

About ZTEM

ZTEM (Z-Axis Tipper Electromagnetic) is an airborne electromagnetic technique that combines dense coverage and rapid acquisition over large areas. For this reason, it has become a standard method in exploration surveys. However, the depth of penetration is limited compared to magnetotelluric data and thus a joint inversion of the two datasets promises high-resolution and coverage at depth.



3D Image showing results of first tests of a joint inversion of MT and ZTEM data. Depths range from the near surface to thousands of metres.

Special Offer

During our trials of our new code over the next few months, we are offering a significant discount to clients over our standard pricing. Not only will the clients receive the joint inversion model(s) for reduced cost, but also there will be substantial interaction between us and the clients when developing the final products. To avail of this discount, the client must agree to allow us to publicise the final models (with geo-referencing removed if requested).

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