

Airborne Electromagnetics (EM) & 3D Geology

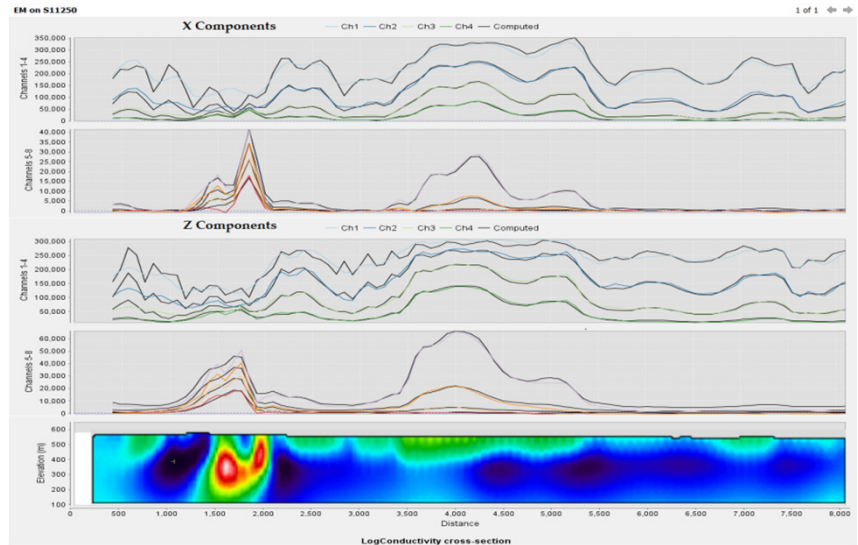
Better value from your new or existing data
Suit your budget
Reveal deeper, coherent, indicative geology

Benefits from your Bureau Service

- No high cost drilling to delineate geology targets
- Fast results for 2.5D inversions (using MPI, optional)
- Track lithologies and resistivities during inversion
- 2D/3D MeshGrids products from AEM
- Reduce geological uncertainty with deeper, coherent, indicative geology from AEM results

Supported Systems

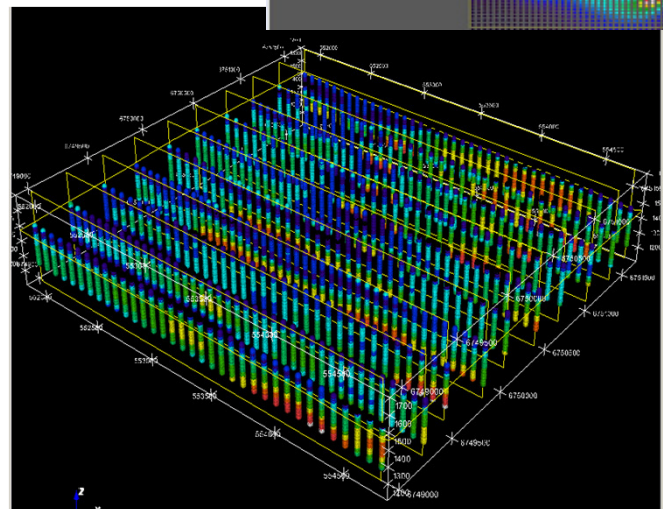
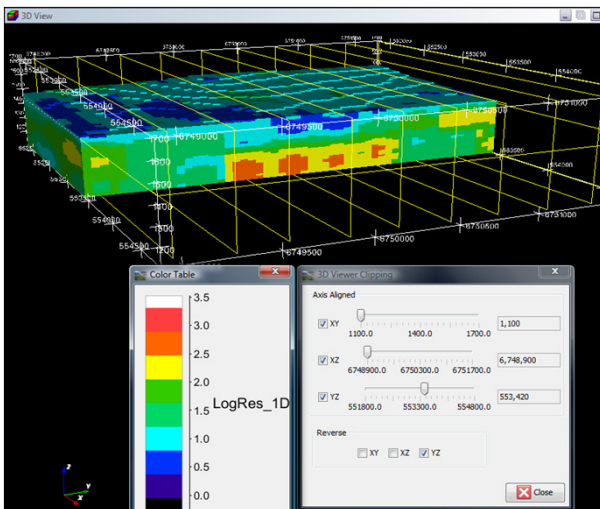
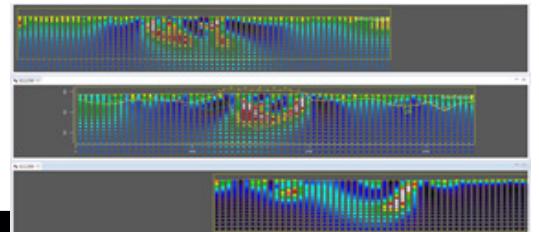
DIGHEM	GEOTEM	QUESTEM	VTEM
RESOLVE	HeliGEOTEM	SPECTREM	VTEM+
TEMPEST		ExplorHEM	SkyTEM



Profile views from Case Study: Bryah Basin AEM survey, Western Australia. SPECTREM₂₀₀₀ fixed wing system, Leggatt 2000. Reference: Silic, Paterson, FitzGerald and Archer, 2015.

Next, rapidly integrate your results in GeoModeller

- In a 3D interpretation workspace, combine all data: geology constraints, seismic, gravity, magnetics, drilling
- Add mesh-grid products from your forward and inverse AEM results
- Build constrained verifiable 3D geology models
- Assess in-built geostatistics and interpolation tools
- Accurately simulate 3D source excitation inclusive of topography



3D views in GeoModeller: results from Bryah Basin AEM survey, Western Australia