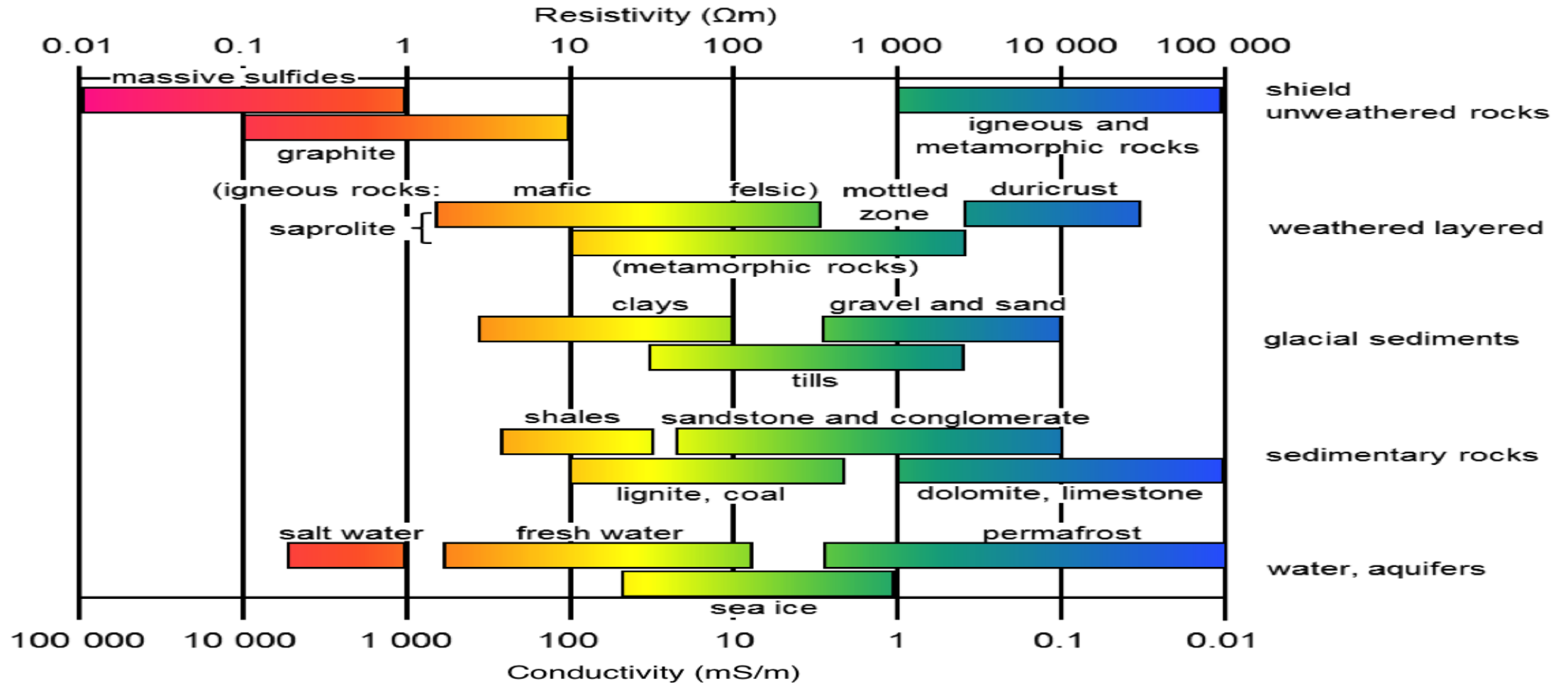
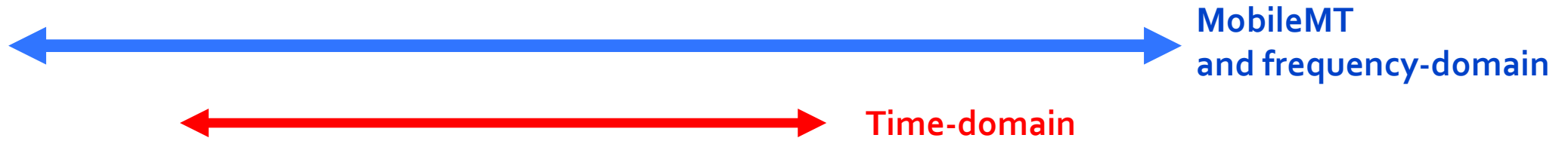


MobileMT: THE TECHNIQUE AND EXPLORATION ADVANTAGES (massive sulphides case studies)

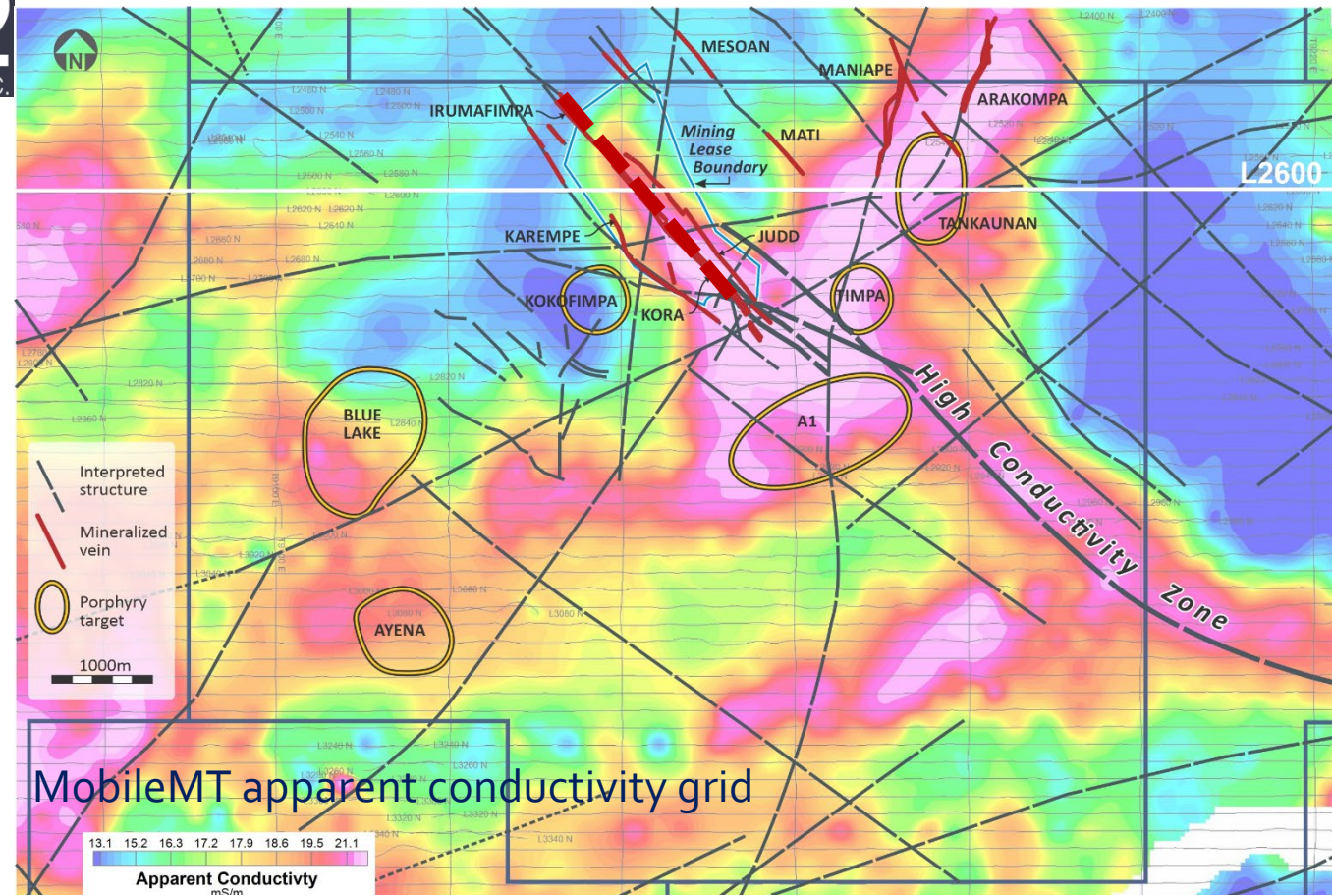
Expert Geophysics Limited



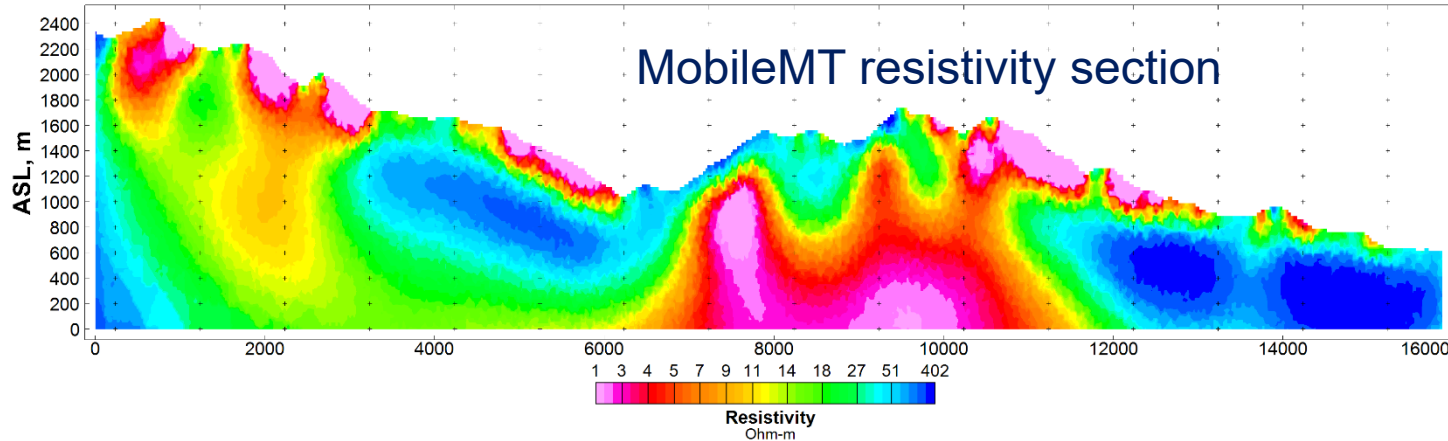
RANGE OF RESISTIVITY DETECTION AND DIFFERENTIATION



**Au,Ag,Cu epithermal veins
with less explored porphyry**



MobileMT apparent conductivity grid



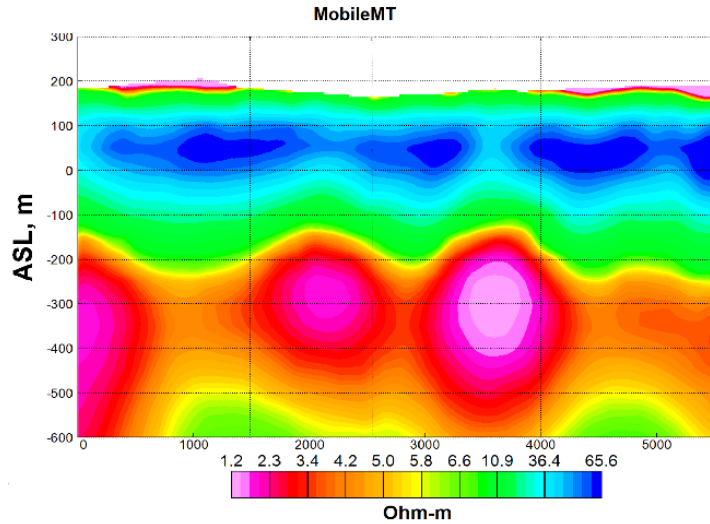
MobileMT resistivity section

Kora		Irumafimba	
indicated	inferred	indicated	inferred
2.1 moz	2.5 moz	0.2 moz	0.2 moz
at 9.2 g/t Au Eq		at 10.4 g/t AuEq	
		at 13.4 g/t AuEq	

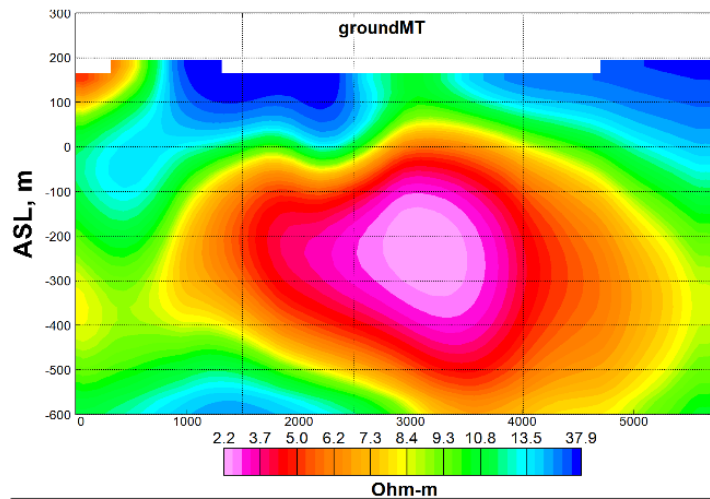


Olympic Dam region (South Australia) copper-cobalt deposits at Elizabeth Creek (Emmie Bluff)

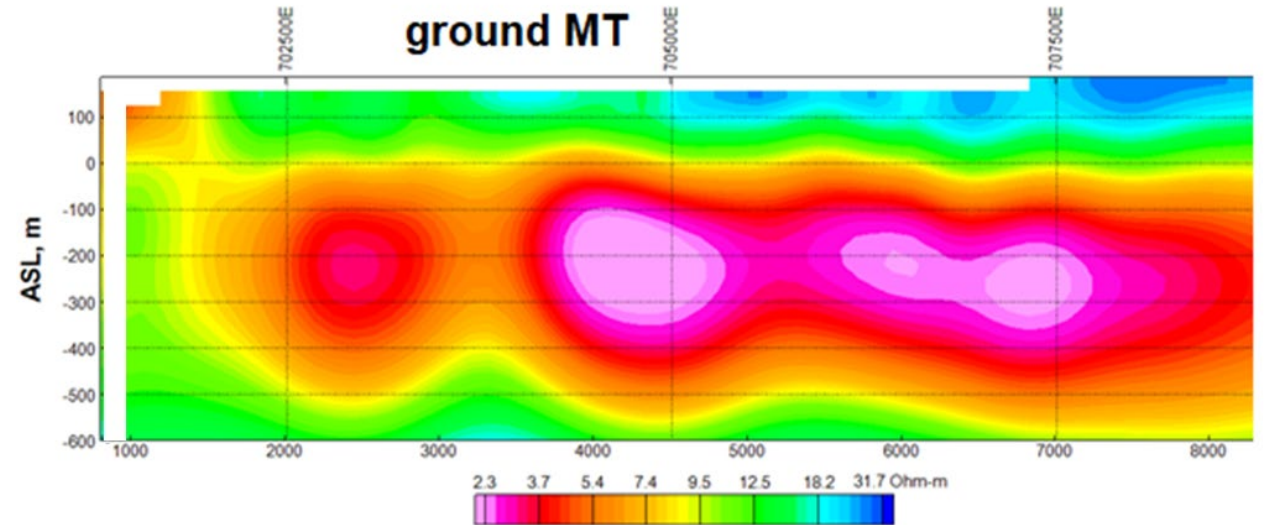
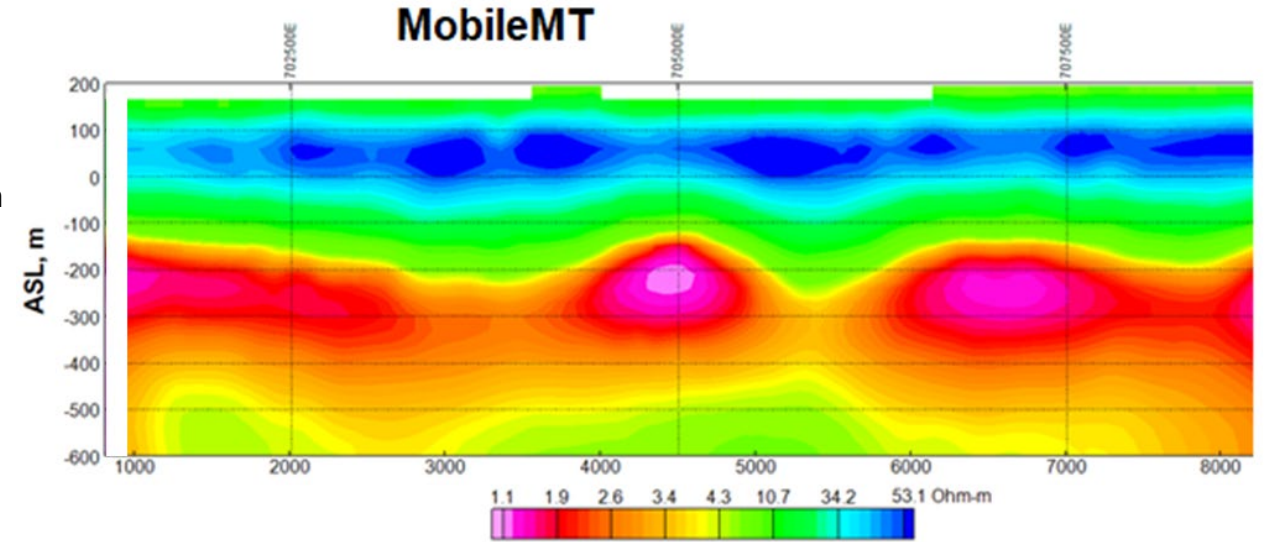
The deposits are composed of sediment-hosted fine-grained sulphides.



27-445 Hz with a station spacing ~12-15 m



0.001 - 250 Hz with a site spacing ~500 m.

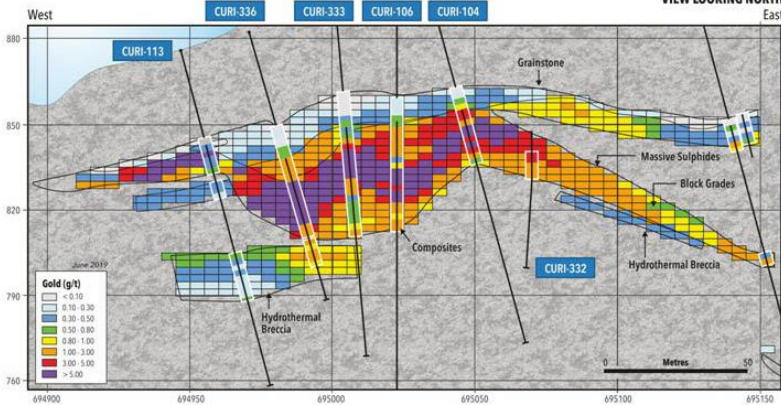


El Domo VMS (Cu-Au-Zn-Ag) deposit (Ecuador)

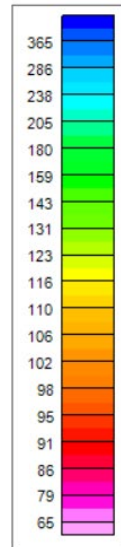
CURIMINING PROJECT

El Domo Deposit - Central Ecuador | Vertical Section: 9855250N Gold

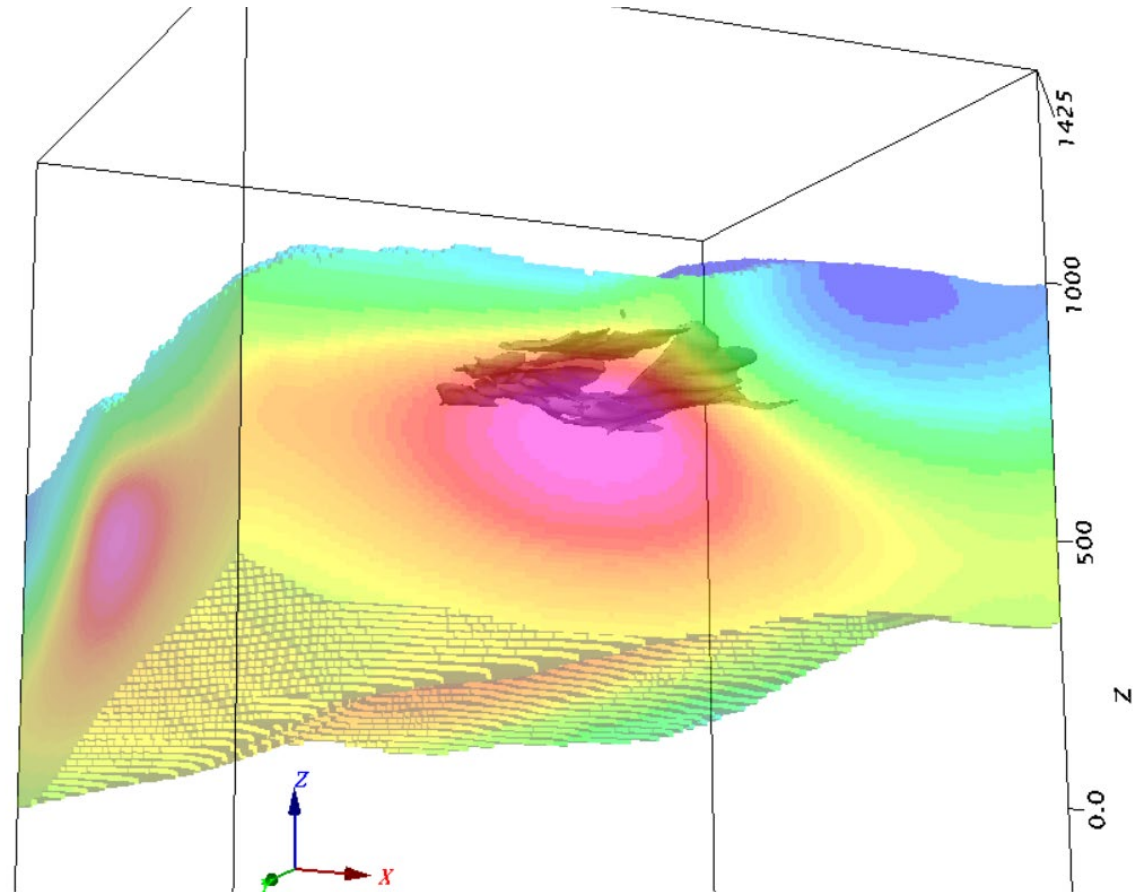
VIEW LOOKING NORTH

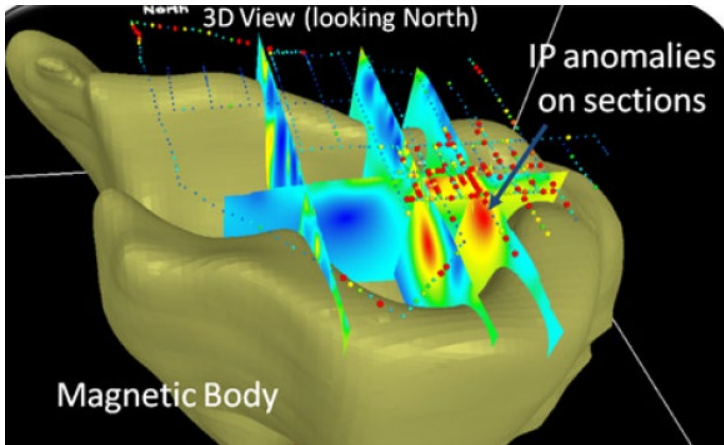


MobileMT 3D resistivity voxel

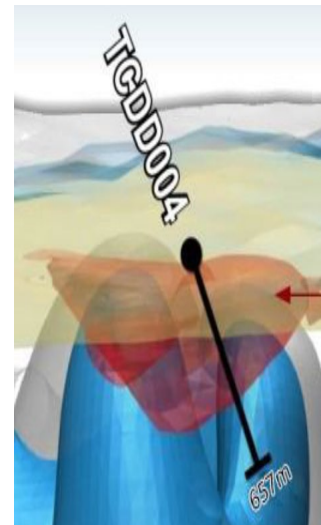
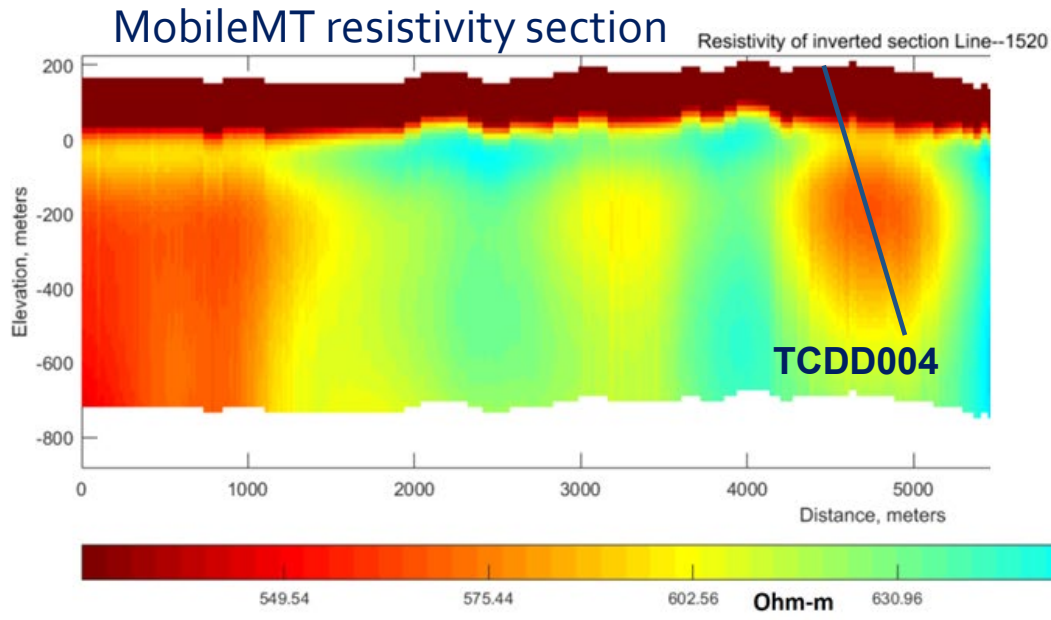


Ohm-m

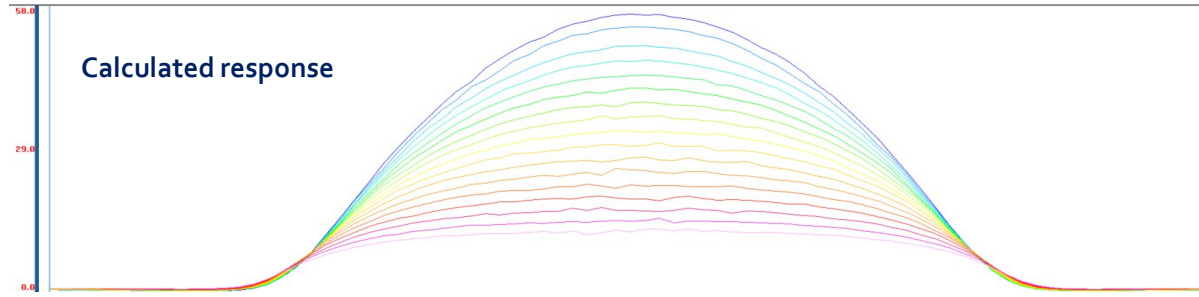
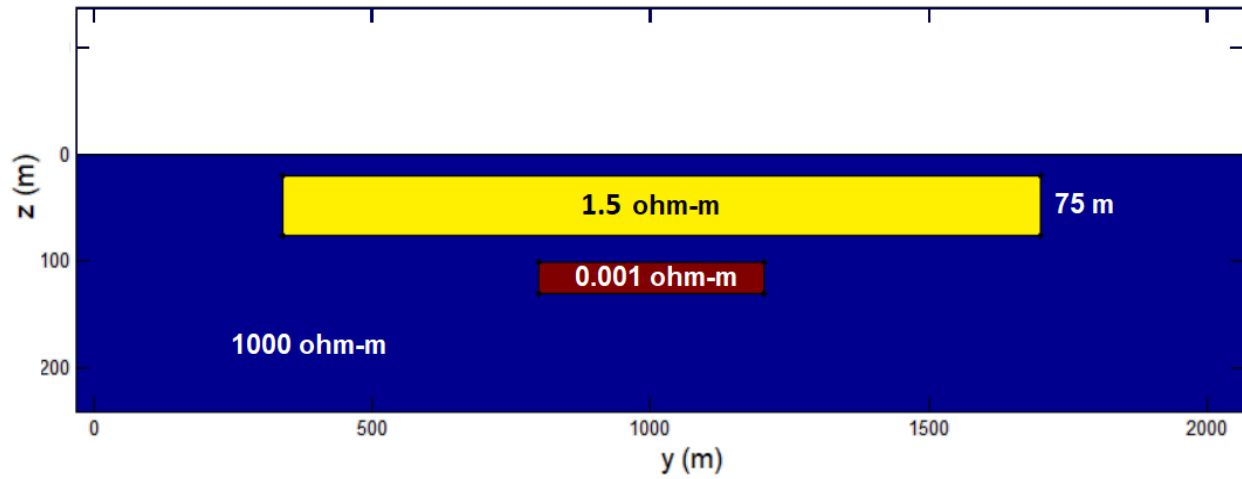




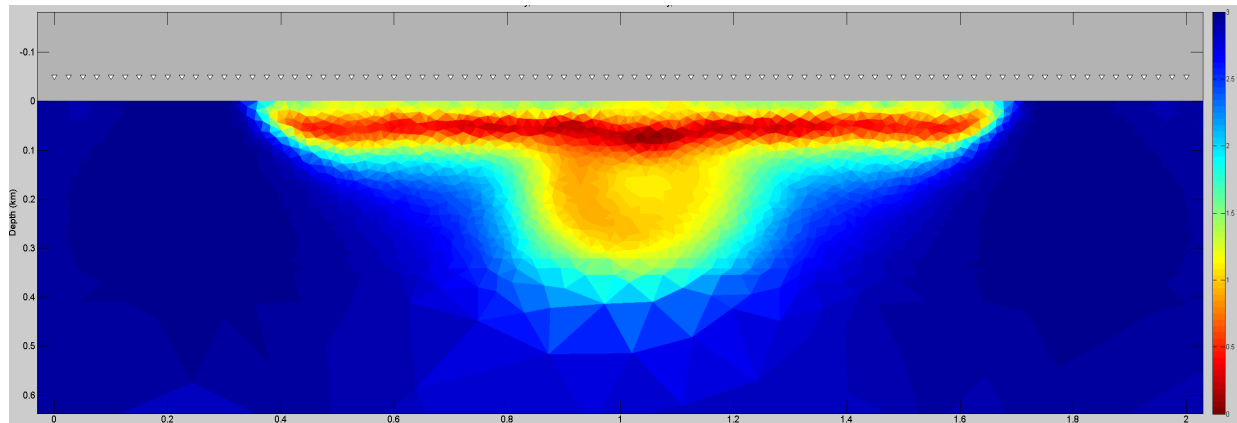
visible copper sulphides from 199m to 298m depth



Synthetic modeling (strong conductor under highly conductive overburden)



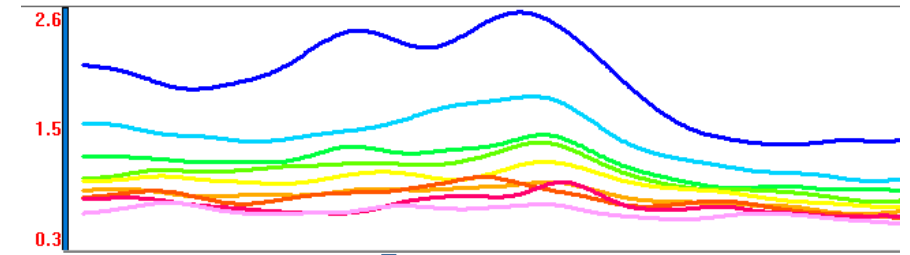
Recovered resistivity section



Real MobileMT data



Congo Craton margin (west Africa)
Cu-Ni sulphides related mafic-ultramafic rocks



RTP-TMI

