TITAN MT High Resolution Resistivity

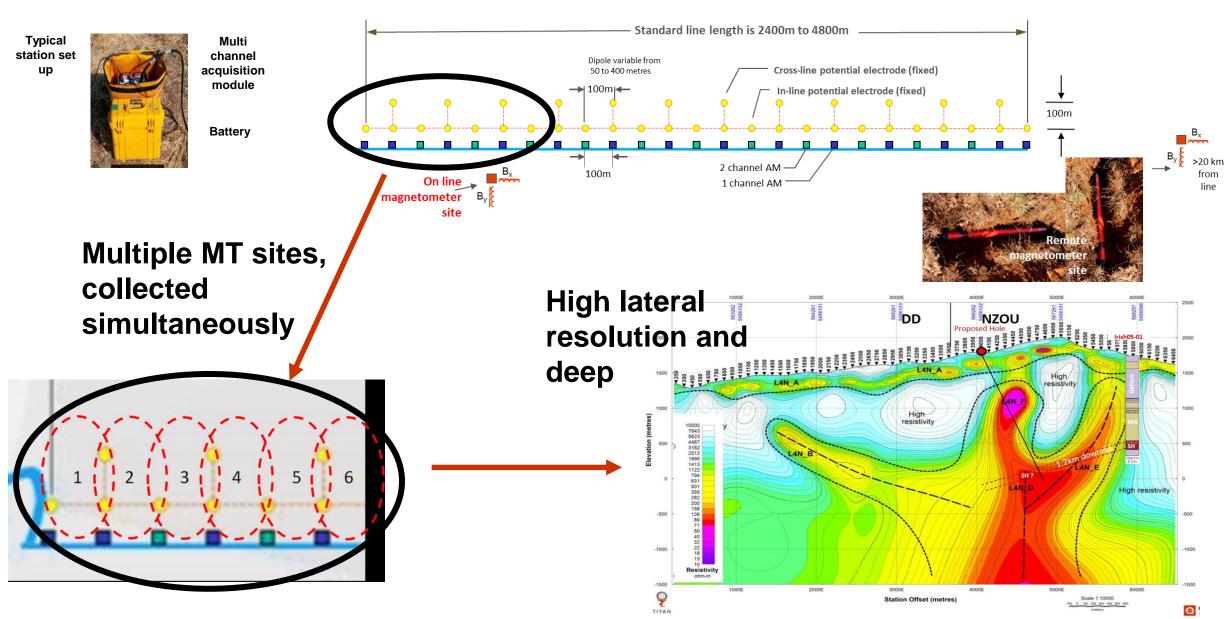
This brief slide deck shows how some of the features of the TITAN MT system and makes a direct comparison to SPARTN MT, a full frequency, stand alone MT survey.





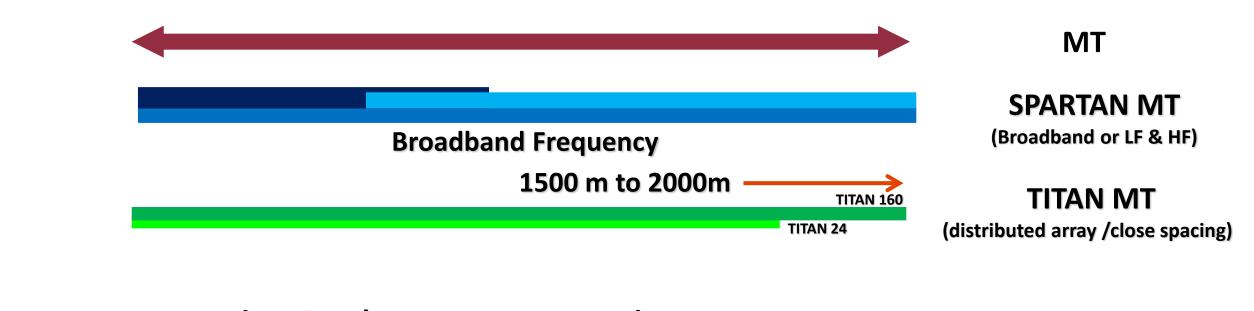
TITAN MT utilizes many contiguous electric field measurements

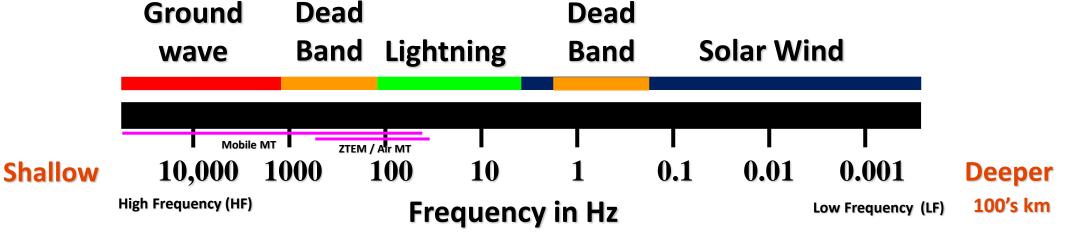
coupled with sparse magnetic field measurements



TITAN MT can collect the same low frequencies

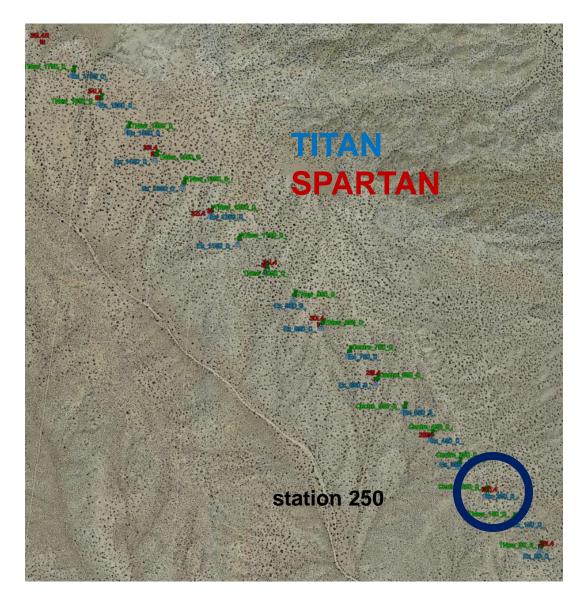
that is measured by full frequency MT

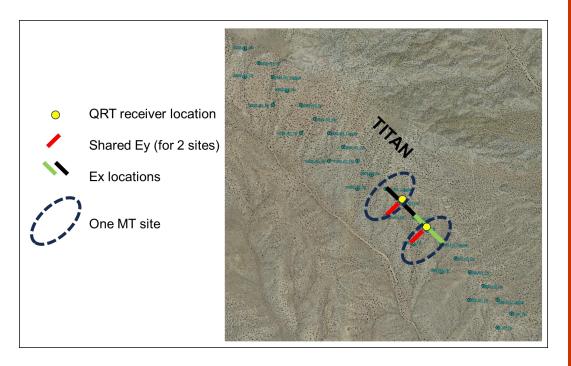






We compared a line of TITAN MT and a line of Spartan MT

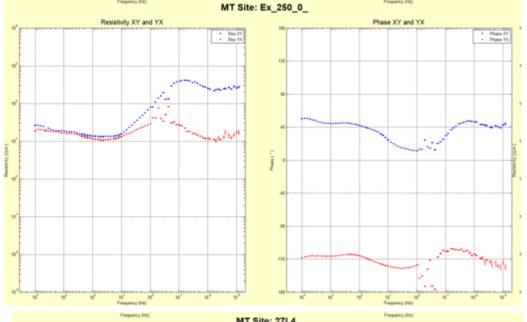






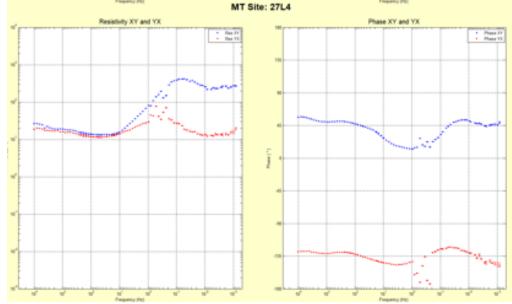
TITAN MT raw data plots compare almost identically to SPARTAN





At station 250

SPARTAN

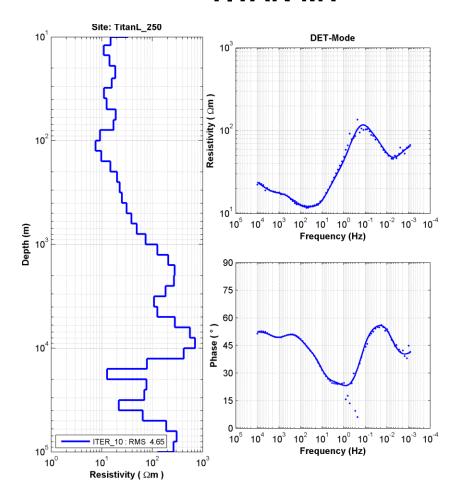




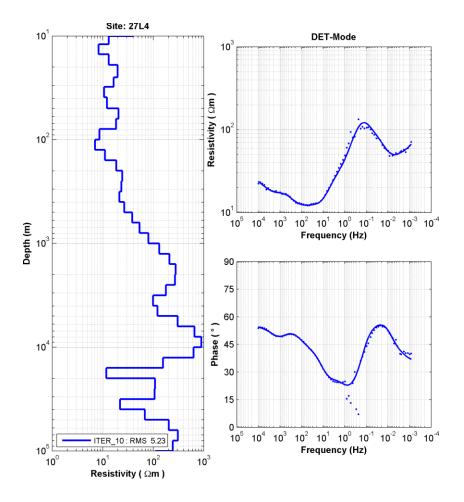
Sounding Curves from TITAN MT vs Stand alone MT

At station 250

TITAN MT

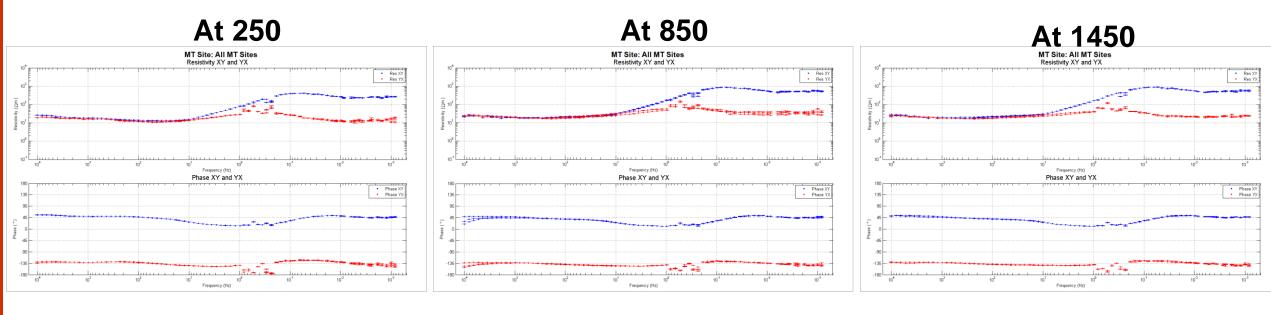


SPARTAN MT





The data was superimposed from SPARTAN and 2 configurations of TITAN. It is very similar.



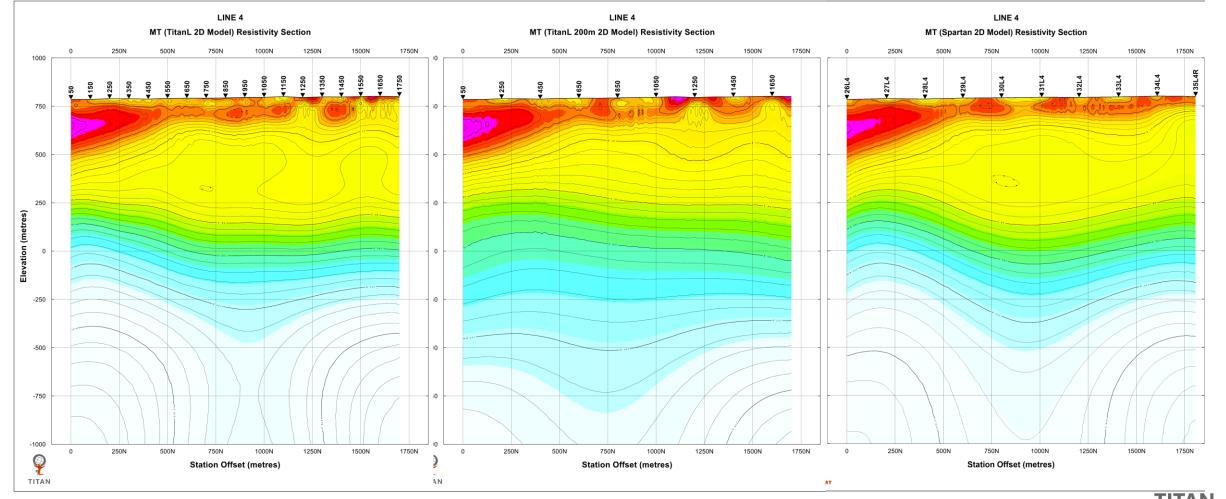


TITAN was deployed with 100m dipoles for the test But was also sampled at 200m for the direct compare

TITAN (100m)

TITAN (200m)

Spartan (200m) (without Tipper (Z))

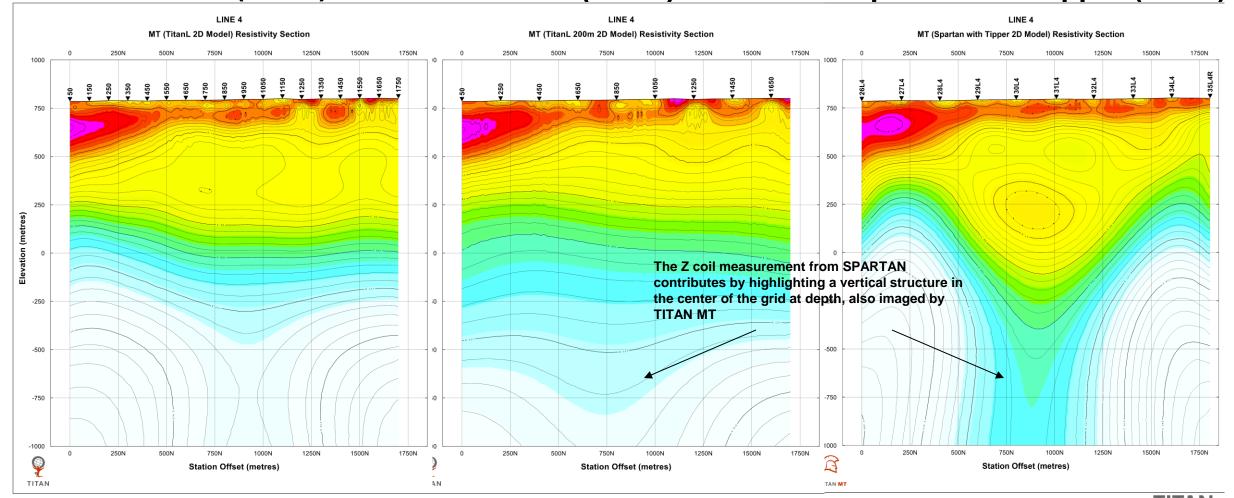


TITAN was deployed with 100m dipoles for the test but was also sampled at 200m for the direct compare

TITAN (100m)

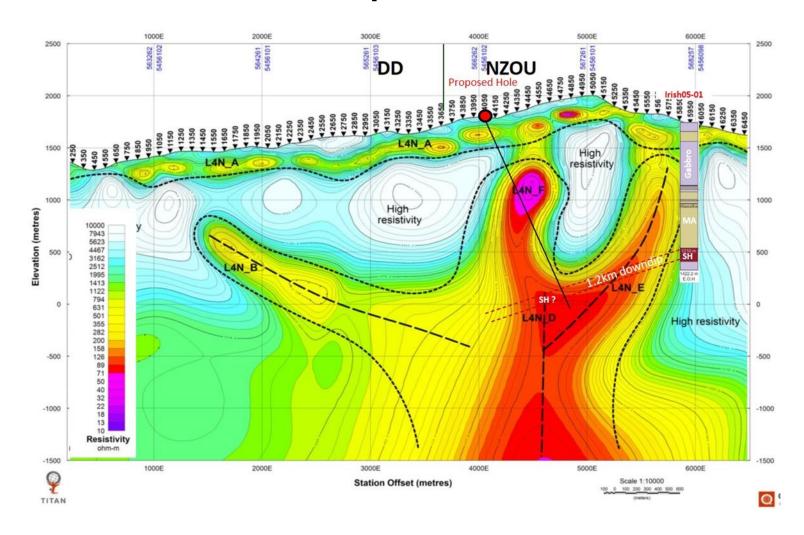
TITAN (200m)

Spartan with Tipper (200m)



Some TITAN MT examples

- rapid data collection of many MT sites
- high resolution with 100 m dipoles

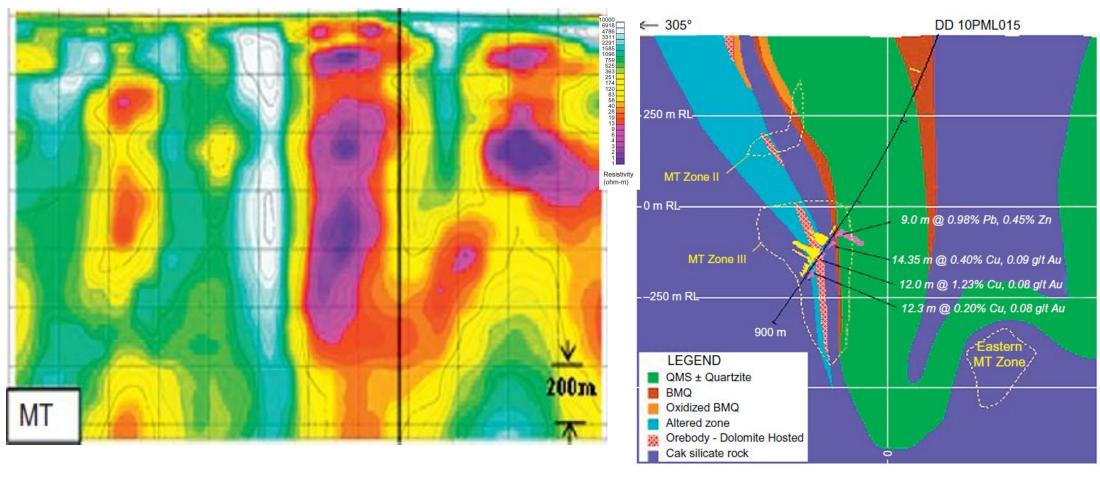




Some TITAN MT examples

Deep structural resistivity highs

Pur-Banera Prospect, Rajasthan, India

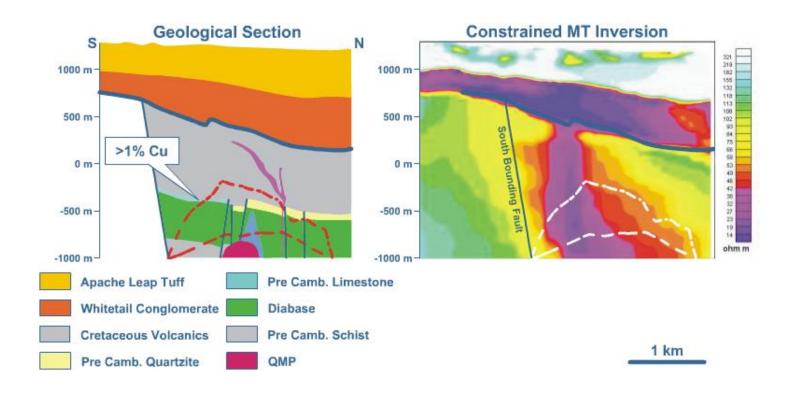


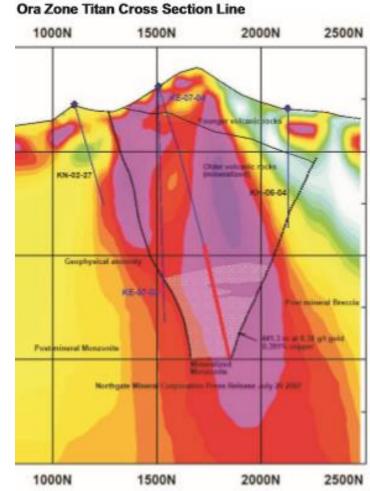


Some TITAN MT examples - Porphyries



MT Inversion - Resolution, Arizona - Porphyry Copper







Some TITAN MT examples – Nickel exploration

