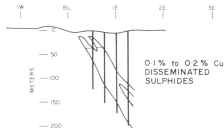


TAWI RAKAH

OMAN

Typical TDEM response of a Cu-Zn deposit beneath laterite.



Tawi Rakah is a Cu-Zn-Au sulphide ore body hosted by andesite and basalt. The deposit is in a semi-arid environment beneath 30-40 meters of laterite cover.

Measurements were made by an eight-channel, ground TDEM system.

The ore body produces the strongest response on the early channels.

The response on the mid and late channels is of a similar magnitude to the response of the conductive background.

This demonstrates the importance of retaining the high frequency information generated by the TDEM system when searching for weak conductors in a conductive environment.

