

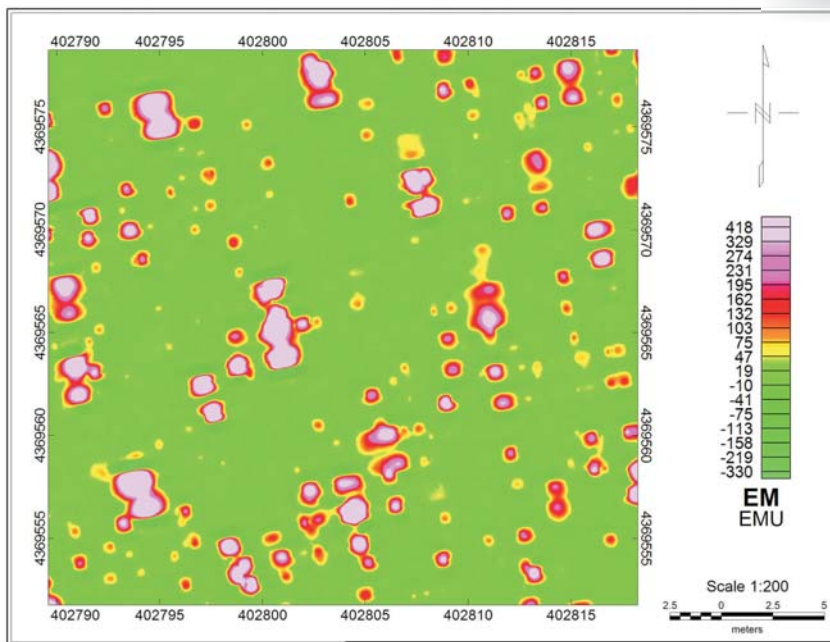
# TM-5 EMU ELECTROMAGNETIC SERVICES

## HIGH-RESOLUTION GEOPHYSICAL TECHNOLOGIES

Electromagnetic surveys have a wide range of applications including: munitions response (MR) mapping, archeological location, and metallic industrial waste location. The TM-5<sub>EMU</sub> manufactured by GAP Geophysics Australia Pty Limited (GAP), is based upon Minelab technology which gives it the advantage of being almost immune to hot rocks, thereby greatly reducing false alarm rates in MR applications. The TM-5<sub>EMU</sub> can be utilized in either a single or dual system arrangement which allows for versatility in all types of terrain.



*ARM geophysicist performing TM-5 EMU survey.*



*TM-5 EMU data showing MEC targets.*

The system is capable of precisely locating small to large targets with the integration of industry standard RTK DGPS systems. The operating system provides the user with real time data and positional quality indicators. The system has been used successfully on many projects including US Navy work in the hot rock environments of Hawaii. ARM has a strategic alliance with GAP and is the sole provider of GAP technologies in the US.

### APPLICATIONS

- Munitions Response Mapping in mineralized environments
- Engineering and archeological site investigations
- Industrial metallic waste detection