LITHIUM RESOURCE EXPLORATION BY JOINT INTERPRETATION OF MAGNETIC AND RADIOMETRIC DATA

TECHNOIMAGING®

EMVision® proprietary software by TechnoImaging® allows for large-scale 3D modeling, inversion and interpretation of entire magnetic and radiometric surveys:

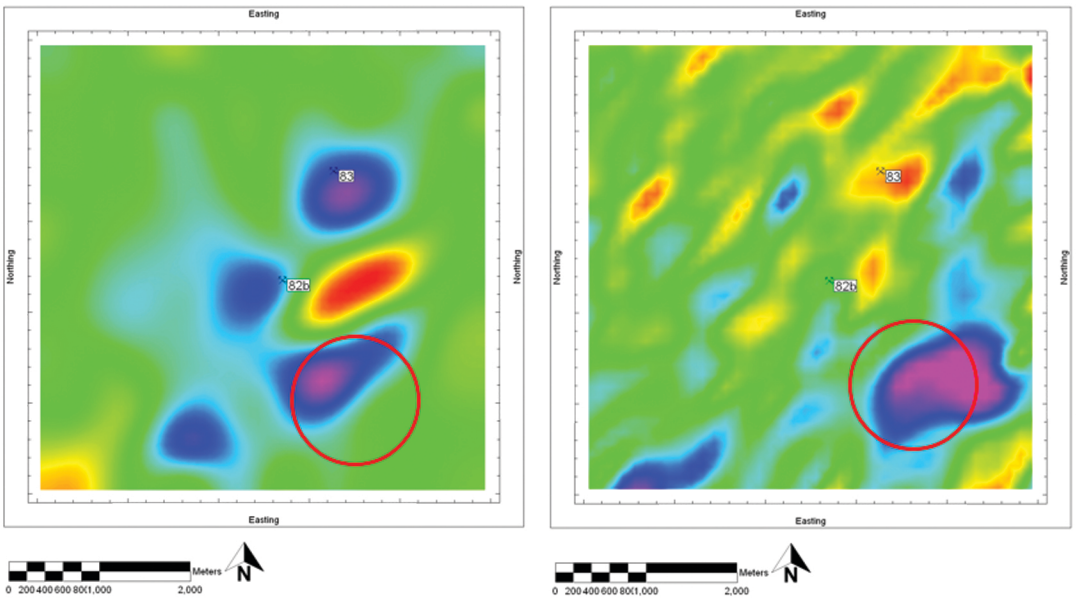
• The joint interpretation of magnetic and radiometric data can provide unique insight into lithium-bearing resources.

• **EMVision®** transforms the observed magnetic data into 3D models of the vector magnetization distribution in the subsurface.

• The inverted magnetization vector is highly sensitive to granitoid bodies including pegmatite while the radiometric data are sensitive to the presence of lithium-bearing minerals such as spodumene.

• The joint interpretation of the volume distribution of the magnetization vector and surface maps of radiometric data has demonstrated the ability to accurately target lithium-bearing pegmatite.

Magnetization **Radiometric**



3D inversion and joint interpretation of magnetic and radiometric data from Africa helped identify Lithium-bearing formations.

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