

Xcalibur
SMART MAPPING

Uganda | Airborne Geophysical and
Geological Mapping of Karamoja

Country Mapping programme | Case Study

THE PROJECT

- Remote sensing: Preliminary Geological Map of Karamoja & Lawmo region
- Airborne Geophysics:
 - Magnetic & Radiometric survey: 100% of Karamoja region covered (LS-200m). Detailed survey (LS-100m) in the 40% of the area.
 - Gravity survey: 100% of Karamoja & Lawmo region covered (LS-2,000m) – Detailed survey 40% Target areas (LS-1,000m).
 - EM survey: Target areas covering 40% of the region (LS-200m)
 - Interpretation activities with the collaboration of Geological Survey of Spain.
 - Training sessions
- Geology: Field Geological Campaign to complete the map 1:250,000. +500 observation points. +800 samples collected and analysed in laboratory. Campaign performed with the collaboration of the Geological Survey of Spain.
- Geochemistry: +1,000 samples taken in the region.

RESULTS

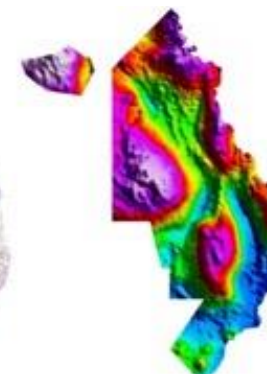


Karamoja region has the best airborne geophysical and geological database within the region integrated in a free software web mapping application to promote the potential of the region to investors.

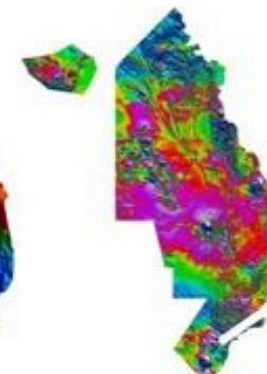
Geological Map & data



Gravimetric Map & data



Magnetic Map & data



Radiometric Map & data

