

STEPS IN REGOLITH-LANDFORM MAPPING

1. Acquire data and select mapping base.

2. Analyse remote and existing data.

A. Interpretation of surface domains:
satellite imagery
aerial photographs
geological maps
airborne hyperspectral data
airborne radiometric data
aeromagnetic data

b. Interpretation of 3D components:
aeromagnetic data
airborne electromagnetic (AEM) data
airborne gravity gradiometry
digital elevation models
drill hole data

3. Construct interpretive regolith-landform map.

a. Identify and construct preliminary regolith-landform unit (RLU) polygons.
b. Select key sites for ground checking.

4. Ground check and describe selected sites.

a. Regolith material.
b. Landform unit.
b. Vegetation type/association.

5. Confirm extent of polygons from traverses and general area inspection.

6. Refine polygons from site descriptions and follow-up remote interpretation.

7. Prepare final regolith-landform map with legend and accompanying description.