



DATA LAYER SHEET

SA NATIONAL MINING LAYER

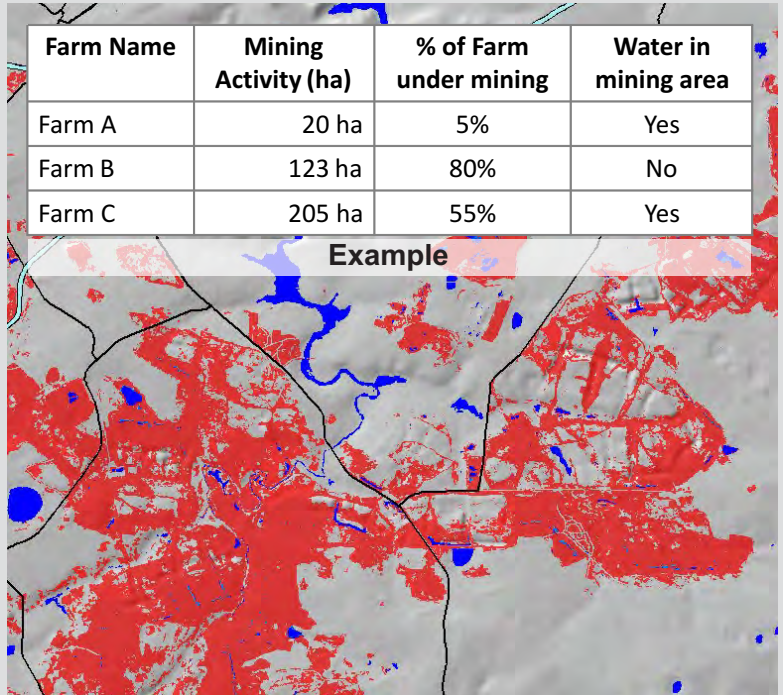


The mine dataset represents the *surface footprint of mine related activities that have resulted in a permanent or near-permanent bare, non-vegetated surface* between April 2013 and March 2014; and includes, but is not limited to excavation pits, tailings and waste dumps, and mine related surface infrastructure such as service roads and buildings.

The mine dataset also contains information of surface water extents within flooded pits or on tailings dams. The mines dataset has been generated as part of the GEOTERRAIMAGE Landsat 8 generated South African 2013-14 national land-cover mapping commercial data product initiative.

CORE QUESTIONS

- What is the extent of surface mining activities in a specific area or farm boundary?
- Where are surface water bodies related to mining activities?
- What is the proximity of surface mining activities to other features such as human settlements, conservation areas etc?



Coverage: South Africa

Formats: Vector files: ESRI shape files
Raster files: 30 m cells (Erdas img)
Excel files: Summarise by user defined area (e.g. Cadastre, EA, Catchment boundary)

Attributes: 5 classes: Bare, Semi-bare, Permanent & Seasonal mine water, Mine buildings

Latest release: 2014

RELATED DATA LAYERS:

- SA National Surface Water Layer
- SA National Forest Plantation Layer
- SA National Wetland Layer
- SA National Land Cover
- Land Cover for Namibia, Botswana, Zimbabwe, Mozambique, Swaziland and Lestotho

location-intelligence
and **spatial**
indicators

