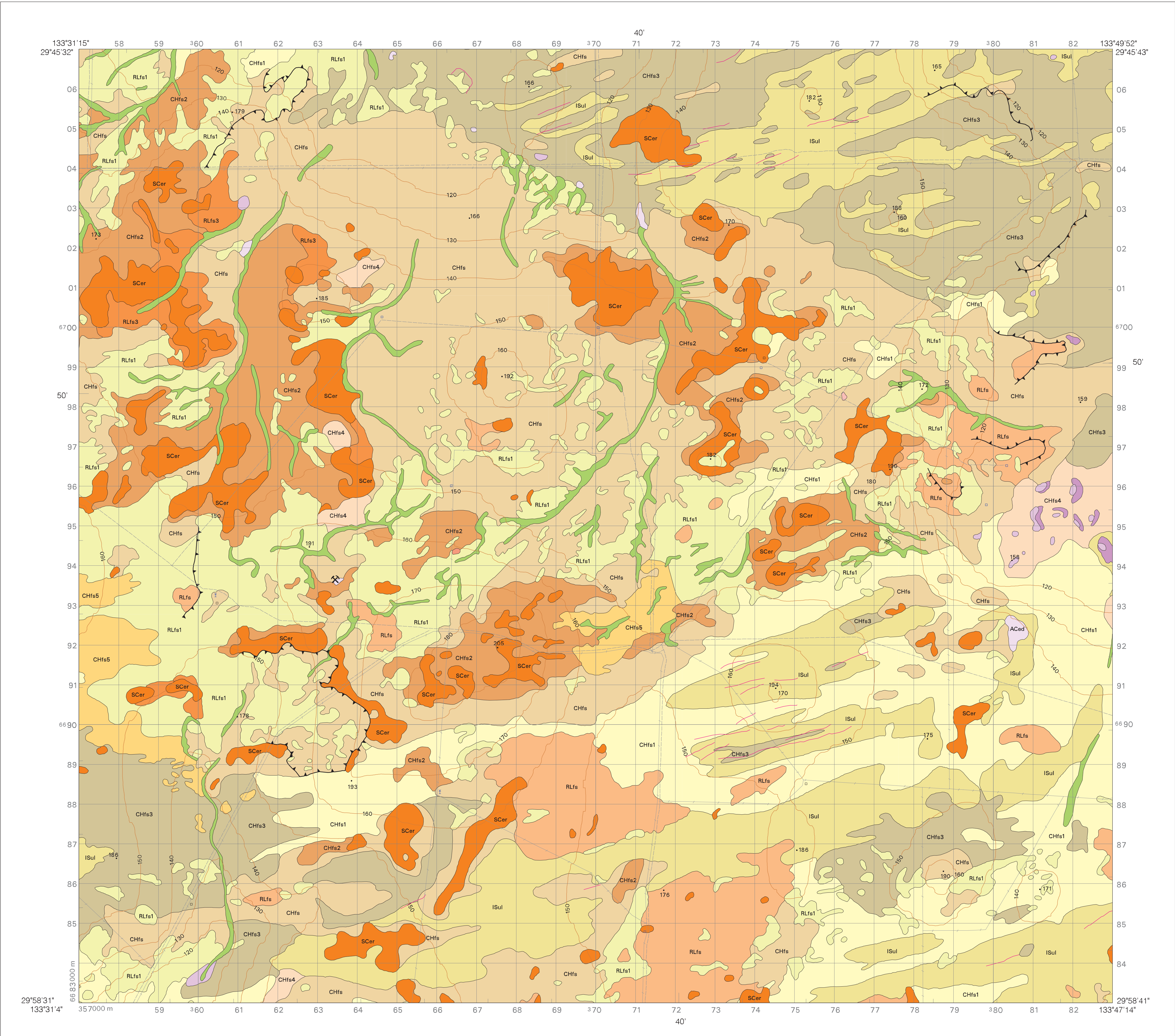


JUMBUCK Regolith - Landforms



Sandpan consisting of fine well-sorted ferruginous sandstone sands (SR26056/7043376).



Soil profile showing a well-sorted ferruginous sandstone sandstone. The soil is dark brown and contains small, rounded pebbles. A red scale bar is visible in the foreground.



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REGOLITH TYPES

Transported regolith

- Alluvial sediments**
- ALul
 - ALcl
- Aeolian sediments**
- ISul
- Colluvial sediments**
- CHfs
 - CHcl
 - CHfs2
 - CHfs3
 - CHfs4
 - CHfs5
- Lacustrine sediments**
- Lul

Lacustrine sediments

Lacustrine sediments consisting of clay, fine to medium sand, silt, and gravel. In places, lacustrine sediments are partly covered by ferruginous alluvium. Lacustrine sediments are commonly found in the Jumbuck area. Lacustrine sediments are commonly found in the Jumbuck area.

In-situ regolith

In-situ regolith consists of ferruginous sandstone, ferruginous sandstone, and ferruginous sandstone. In-situ regolith consists of ferruginous sandstone, ferruginous sandstone, and ferruginous sandstone.

Lags

Lags are developed on either transported or in-situ substrates. Lags are developed on either transported or in-situ substrates.

- Regolith landform unit boundary**
- Minor erosional scarp
 - Contour line
 - Sand ridge
 - Vehicle track
 - Fence
 - Spot height in metres
 - Water tank
 - Windmump
 - Yard
 - Challenger Prospect

REGOLITH CODES

AC Channel deposits

AD Overbank deposits

CH Colluvial sediments

IS Aeolian sand

L Lacustrine sediments

RL Ferruginous sandstone

SH Highly weathered bedrock

SL Highly weathered bedrock

LANDFORM CODES

at Flood plain

ad Drainage depression

ch Ridge

is Sand ridge

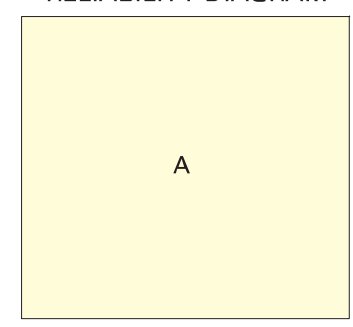
l Lacustrine plain

rl Ferruginous sandstone

sh Highly weathered bedrock

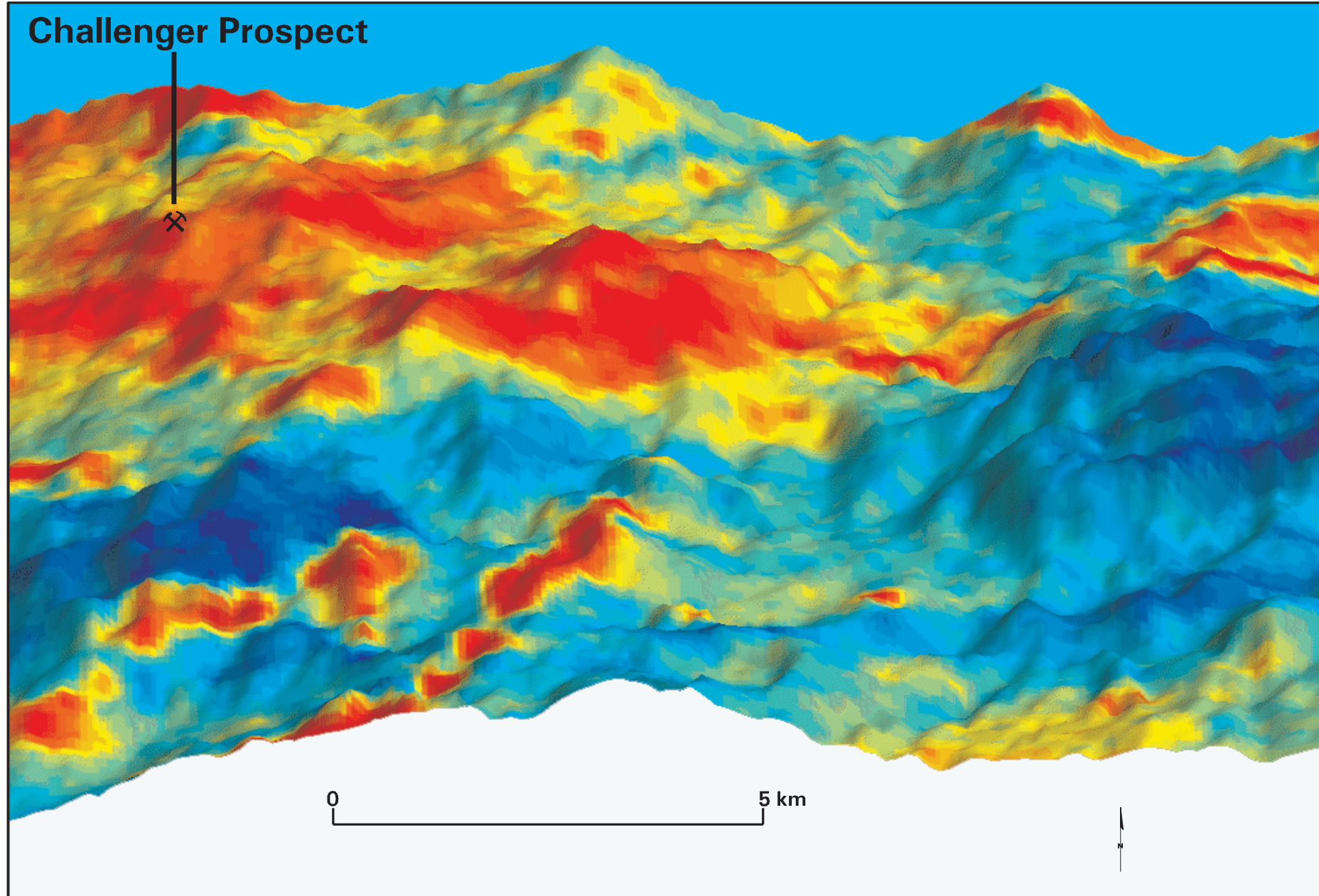
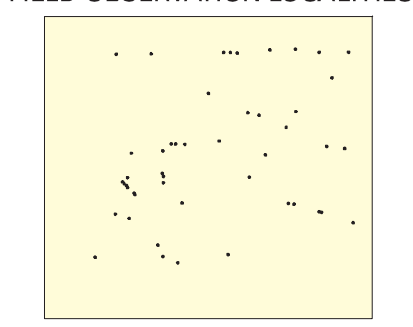
sl Highly weathered bedrock

RELIABILITY DIAGRAM

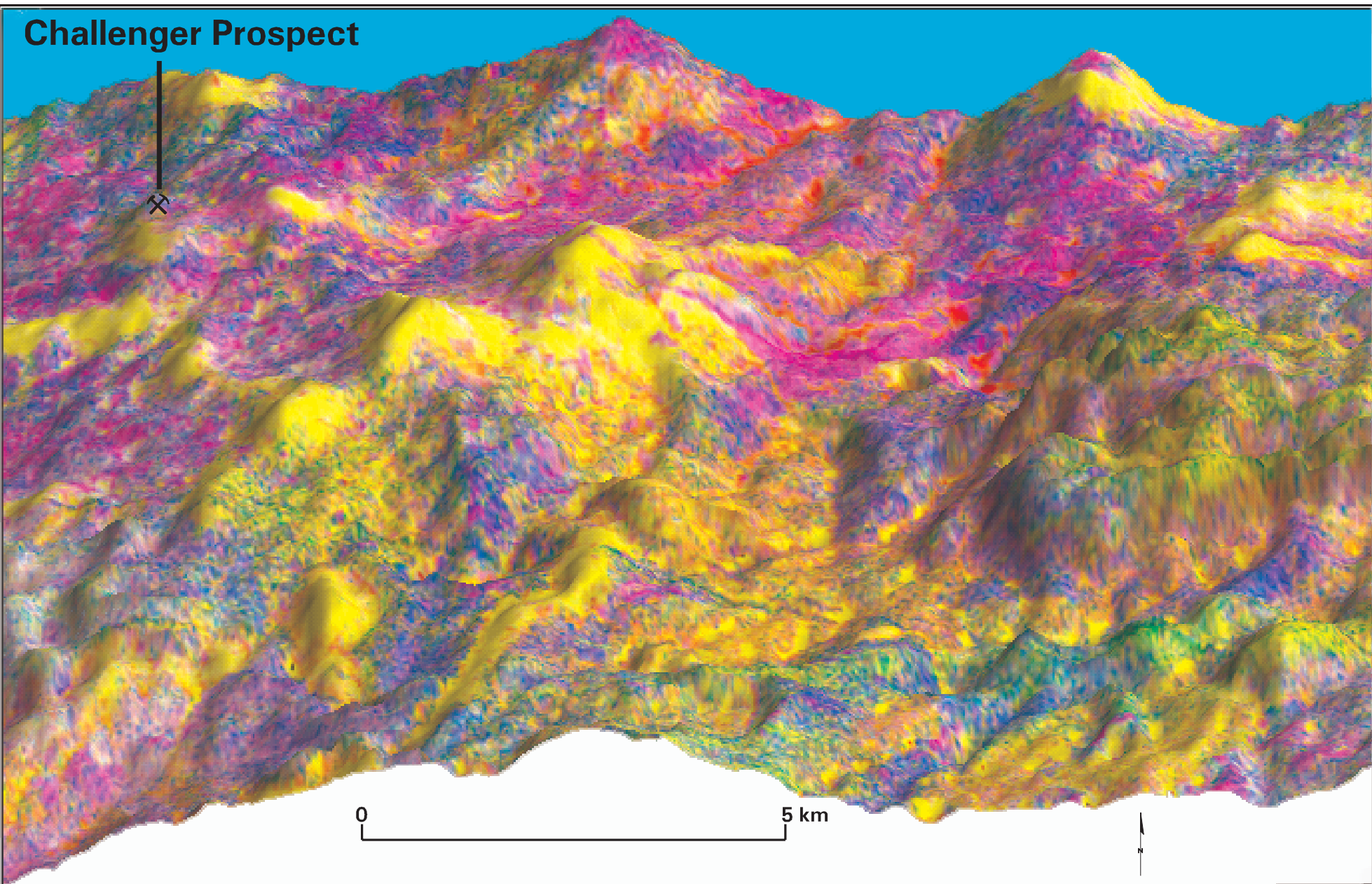


A. Generated using 1:50,000 colour aerial photography, enhanced Landsat TM imagery, and a Digital Elevation Model (DEM) derived from a 1:50,000 scale map.

FIELD OBSERVATION LOCALITIES



3D view of the Challenger Prospect area, showing the regolith and landforms. The map is titled 'Challenger Prospect' and includes a scale bar (0 to 5 km).



3D view of the Challenger Prospect area, showing the regolith and landforms. The map is titled 'Challenger Prospect' and includes a scale bar (0 to 5 km).

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It is recommended that this map be referred to as: Wilson, J.R. and Craig, M.A.
(1988) Regolith - Landforms (1:50,000 map scale).

Regolith Landforms polygons are based on interpretation of 1:50,000 colour
aerial photography and Landsat TM imagery, where gaps in imagery
Digital Elevation Models (DEMs) and field observations.

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