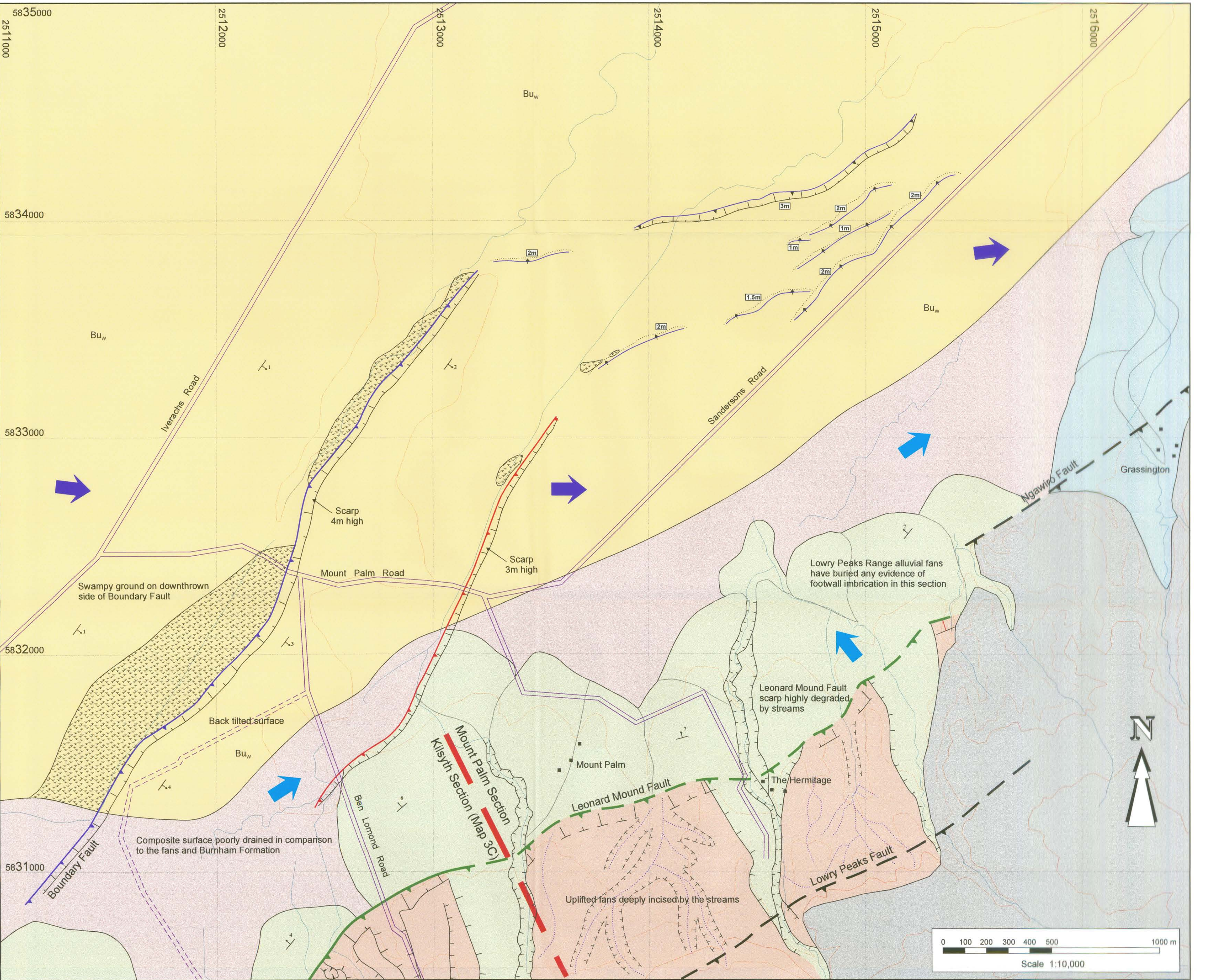


MAP3D: TECTONIC GEOMORPHOLOGY OF THE MOUNT PALM SECTION AND BOUNDARY FAULT, LEONARD MOUND FAULT SYSTEM



GEOLOGICAL SYMBOLS

Faults:

- Known location
- Inferred location

Anticlines:

- Steep limb
- Shallow limb
- Steep limb
- Gently tilted limb

Activity Class
(for description of activity classes see Chapter 1.6)

- Class 1
- Class 2
- Class 3
- Inactive

Amount of vertical displacement across folds

- 2m

Contacts:

- Located accurately
- Internal fan contacts (see Map 2 for units)

Bedding:

- Strike and dip
- Inferred strike and dip

Scarps:

- Fault scarp
- Highly degraded fault scarp
- Stream scarp
- Rounded stream scarp
- Bench

Other:

- Landslide
- Incised stream
- Dip slope
- Flow direction of streams
- Flow direction of Waiau River during Late Pleistocene (from old braid channels)

TOPOGRAPHICAL REFERENCE

- Swampy ground (often on downthrown side of leading edge folds)
- Road
- Topographic contour
- Stream
- Abandoned streams
- Building

GEOLOGICAL UNITS

- Burnham Formation (Waiau River derived)
- Western Lowry Peaks Range alluvial fans
- Central Lowry Peaks Range alluvial fans
- Northern Lowry Peaks Range alluvial fans
- Composite surface
- Torlesse basement