MAP3A: TECTONIC GEOMORPHOLOGY OF THE SOUTHERN AND THE WILLOWS SECTIONS, LEONARD MOUND FAULT SYSTEM

For continuation of fold see Figure 3.17

Streams forced to flow SW towards Hururui River by uplift of Leonard Mound

Waiau River forced to flow around southern end of Leonard Mound

Streams tightly meandering due to low surface gradient

GEOLOGICAL SYMBOLS

Thrusts:
- Known location
- Inferred location

Anticlines:
- Steep limb
- Shallow limb
- Gently tilted limb
- Amount of vertical displacement across fold

Activity Class
- Known location
- Inferred location

Bedding:
- Strike and dip
- Inferred strike and dip

Scarps:
- Fault scarp
- Stream terrace
- Bench

Contacts:
- Located accurately
- Located approximately

Other:
- Landslide
- Incised stream
- Dip slope
- Tunnel gullies
- Flow direction of stream
- 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
- Pond

GEOLOGICAL UNITS
- Recent Fan
- Burnham Formation
- Central Lowry Peaks Range Alluvial Fans
- Composite Surface
- Kowai Formation

Map drafted by Mark Armstrong (2000)