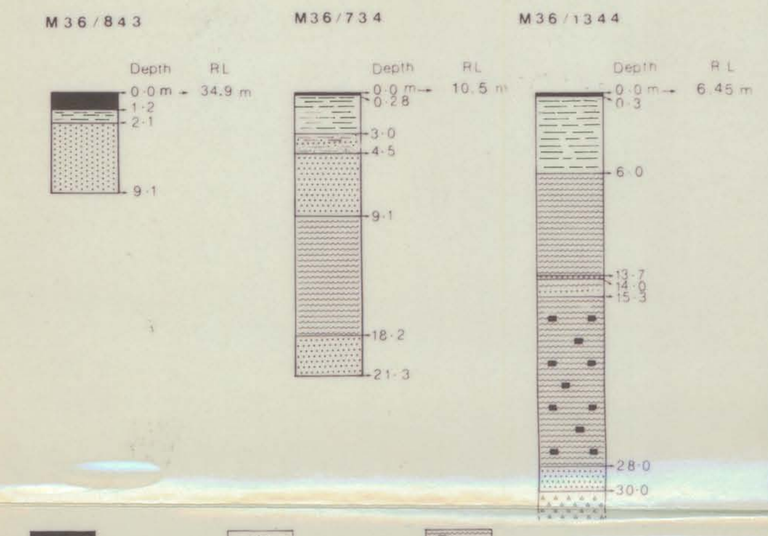
SUMMARY LOGS



LEGEND

GEOLOGY

- LAVA FLOW SCARP / INFERRED LAVA FLOW
- LAVA FLOW WITH INFERRED ASH OR TUFF CAP
- VOLCANIC COLLUVIUM/ RESIDUAL REGOLITH
- MIXED COLLUVIUM
- LOESS/LOESS COLLUVIUM
- ALLUVIUM
- SURFICIAL DEPOSIT BOUNDARY (APPROX.)
- DIP AND STRIKE OF LAVA FLOW (AVERAGE)
- DIKE
- DOME
- SLIDE
- GULLY
- FAN

GEOPHYSICAL & GEOLOGICAL DATA POINTS

- SEISMIC REFRACTION (R) AND REFLECTION (L) LINES
- GEOELECTRIC SECTION
- RESISTIVITY SOUNDINGS
- BOREHOLE WITH GEOPHYSICAL LOGGING
- G — BOREHOLE WITH GEOLOGICAL LOGGING
- AH1 — AUGER HOLE WITH CORE SAMPLE

HYDROLOGY

- STREAM
- SEASONAL WATER FLOW
- SWAMP
- POND

SPRINGS:

FLOW RATE: - in May 1987 -

- < 2.5 LITRES/MINUTE
- BETWEEN 2.5 AND 15 Lit/Min.

TYPE:

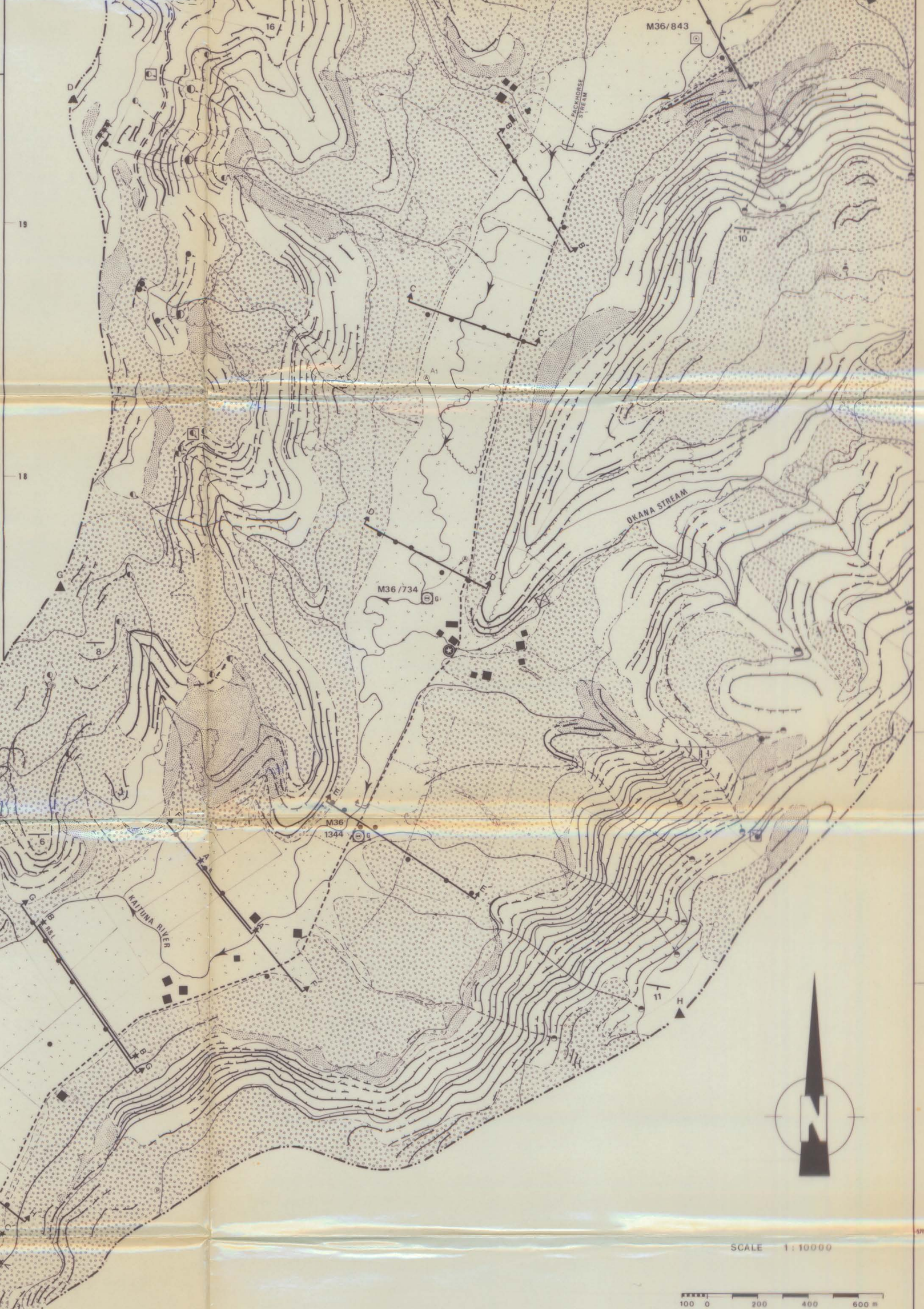
- BEDROCK
- VOLCANIC COLLUVIUM
- MIXED COLLUVIUM
- LOESS LOESS COLLUVIUM
- ALLUVIUM
- LINE OF SEEPS

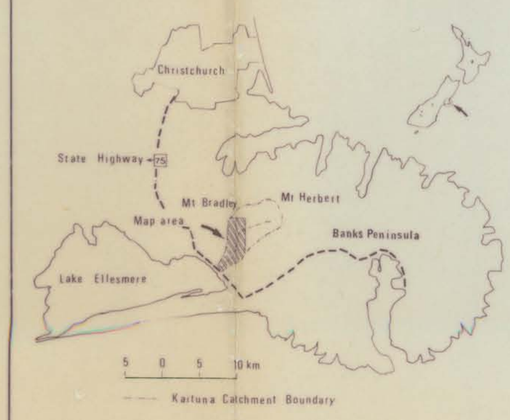
HYDROLOGICAL DATA POINTS

- RAINGAUGE & EVAPORATION PAN
- GAUGING STATION
- GAUGING STATION WITH STAGE RECORDER
- BOREHOLE (ALL WITH WATER LEVEL MEASUREMENTS)
- BOREHOLE WITH AQUIFER TESTING
- BOREHOLE WITH HYDROCHEMICAL ANALYSIS
- BOREHOLE WITH ISOTOPIC AND HYDROCHEMICAL ANALYSES
- SPRING WITH HYDROCHEMICAL AND ISOTOPIC ANALYSES
- STREAM WITH HYDROCHEMICAL ANALYSIS

OTHER SYMBOLS

- TRIG
- CATCHMENT BOUNDARY
- STATE HIGHWAY 75
- KAITUNA ROAD
- TRACK
- TREES
- BUILDINGS
- FENCE LINES
- 100 — CONTOUR (METRE)





HYDROGEOLOGICAL MAP

of the lower Kaituna Valley

with

Geophysical and Hydrological Data Points

Hydrogeology P. Namjou Date May 1986 Jan 1987

Drawn P. Namjou Date 5 20 Apr 1987

Fig 1.6