Figures

CHURCH 1 Geology of the Hat Creek Coal Basin

CHURCH 2 Drill Section of the Hat Creek Coal Measures and Accompanying Strata

CHURCH 4 Fracture Frequency Plot for the Hat Creek Area

CHURCH 3 Possible Stress Scheme Relating Faulting to Graben Development in the Hat Creek Area

CHURCH 5A Structural Model of No. 1 Coal Reserve

CHURCH 5B Structural Model of No. 2 Coal Reserve

CHURCH 1 Geology of the Hat Creek Coal Basin

LEGEND

COVER FORMATION (KAMLOOPS GROUP)

- OLIVINE BASALT (MIOCENE)
- MIXED VOLCANIC ROCKS (EOCENE); Rhyolite (R), Lahar (L), Andesite (A), Dacite (D)
- SEDIMENTARY ROCKS / COAL FORMATION (LOWER TERTIARY)
- VOLCANIC ROCKS (CRETACEOUS) SPENCES BRIDGE GROUP

BASEMENT COMPLEX

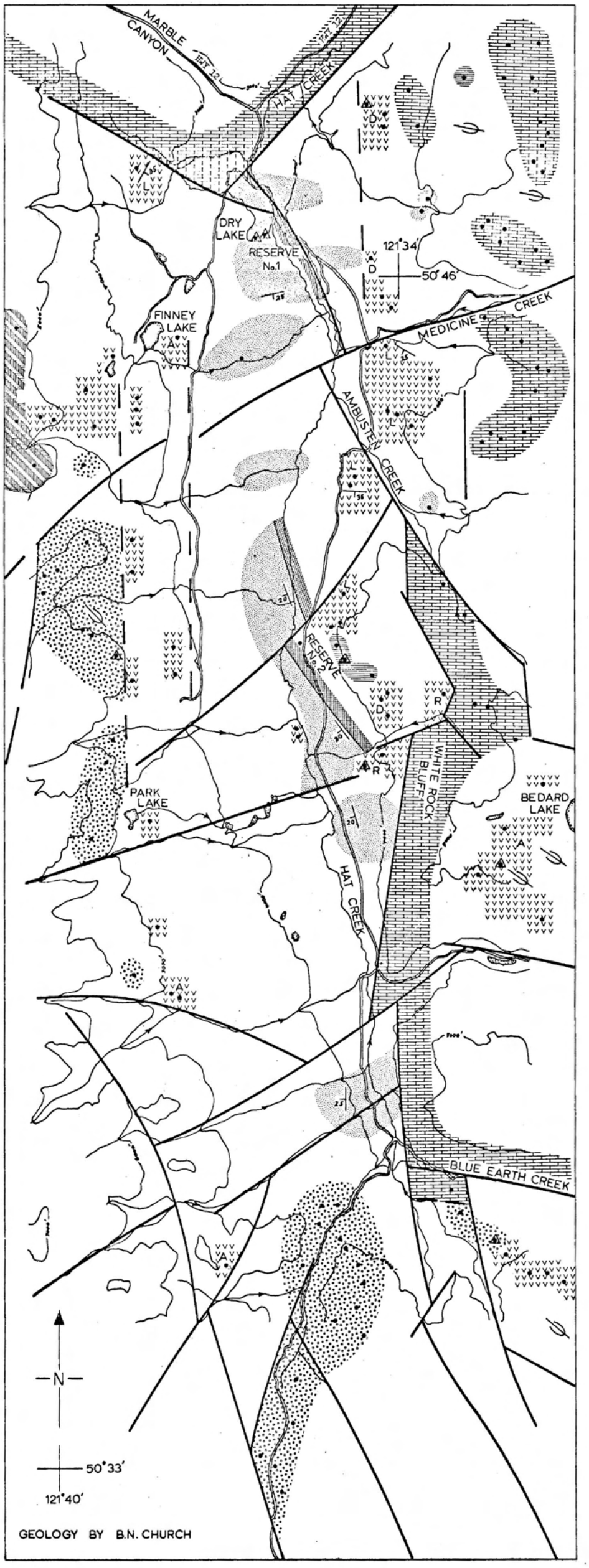
- MOUNT LYTTON BATHOLITH (CRETACEOUS)
- CACHE CREEK GROUP (PERMIAN)

SYMBOLS

- BEDDING
- GLACIAL STRIAE
- DRILL HOLE
- CHEMICAL ANALYSIS STATION
- GEOLOGICAL STATION
- FAULT LINEAMENT
- POSSIBLE FAULT
- ROAD
- TOPOGRAPHIC CONTOUR
- LAKE
- STREAM

GRAVITY ANOMALY

- STRONG NEGATIVE
- MEDIUM NEGATIVE



inches
0 1 2 4000 8000 12000 FT.
0 1 2 3 4 5
centimetres