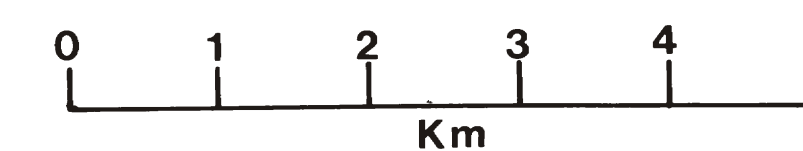


Province of British Columbia
 Ministry of Energy, Mines and Petroleum Resources
**GEOLOGY OF THE KLAPPAN COALFIELD
 IN NORTHWEST BRITISH COLUMBIA
 (104H/2, 3, 6, 7)**
 OPEN FILE MAP 1986-3
 MAPPED BY: JAHAK KOO
 GEOLOGICAL ASSISTANTS: K. FOELLMER, L. ROWAN, AND D. THOMPSON

SCALE 1:50,000



SYMBOLS

- Geological boundary (defined, assumed)
- Drift boundary
- Bedding
- Syncline, overturned
- Anticline, overturned
- Direction of plunge
- Synclinatorium, anticlinorium
- High angle fault (defined, assumed)
- Thrust fault (defined, assumed)
- Test open pit
- Coal occurrence

QUATERNARY
 PLEISTOCENE AND RECENT

- 6 Glacial till, alluvium, colluvium

LOWER TO UPPER CRETACEOUS

- 5 PROXIMAL ALLUVIAL SEQUENCE
 Conglomerate, coarse to medium sandstone;
 minor mudstone and fine-grained sandstone
- 4 INTERMEDIATE ALLUVIAL SEQUENCE
 Coarse to medium-grained sandstone, conglomerate;
 minor mudstone and fine-grained sandstone
- 3 DISTAL ALLUVIAL SEQUENCE
 Coarse to fine-grained sandstone, conglomerate, mudstone, coaly
 mudstone, abundant plant fossils

UPPER JURASSIC TO LOWER CRETACEOUS

- 2U UPPER COAL SEQUENCE
 Coal seams, claystone, siltstone, fine to medium-grained sandstone;
 minor conglomerate, abundant plant fossils
- 2L LOWER COAL SEQUENCE
 Coal seams, claystone, siltstone, fine to coarse-grained sandstone;
 minor conglomerate, marine bivalves and trace fossils

UPPER JURASSIC

- 1 MARINE DELTAIC SEQUENCE
 Claystone, siltstone, fine to coarse-grained sandstone,
 conglomerate, marine bivalves and trace fossils

