



MDA G1406  
 OPEN FILE MAP 1987-7  
**BEDROCK GEOLOGY OF THE SUKUNKA RIVER AREA**  
 NORTHEAST BRITISH COLUMBIA  
 NTS 93P/4  
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LEGEND

- UPPER CRETACEOUS
- uKc** CARDIUM FORMATION: grey sandstone with minor shale
  - uKk** KASKAPAU FORMATION: dark grey marine rubbly shale with sideritic concretions and sandstone
  - uKo** DUNVEGAN FORMATION: marine and non-marine sandstone and shale
  - uKcr** FORT ST. JOHN GROUP  
 CRUISER FORMATION: dark grey marine shale with sideritic concretions; some sandstone
- LOWER CRETACEOUS
- KGo** GOODRICH FORMATION: fine-grained, crossbedded sandstone; shale and mudstone
  - KHn** HASLER FORMATION: silty, dark grey marine shale with sideritic concretions; siltstone and sandstone in lower part; minor conglomerate
  - Kbc** BOULDER CREEK FORMATION: fine-grained, well sorted sandstone; massive conglomerate; non-marine sandstone and mudstone
  - KH** HULCROSS FORMATION: dark grey marine shale with sideritic concretions
  - KG** GATES FORMATION: fine-grained, marine and non-marine sandstones; conglomerate; coal; shale and mudstone
  - Km** MOOSEBAR FORMATION: dark grey marine shale with sideritic concretions; glauconitic sandstone and pebbles at base
- BULLHEAD GROUP
- KGE** GETTING FORMATION: fine- to coarse-grained, brown, calcareous, carbonaceous sandstone; coal, carbonaceous shale, and conglomerate
  - Kco** CADOMIN FORMATION: massive conglomerate containing chert and quartzite pebbles
- MINNES GROUP
- JKm** UNDIVIDED thinly-thickly interbedded, shale, sandstone, siltstone and coals
- JURASSIC
- JF** FERNIE FORMATION: black marine shale
- TRIASSIC AND PALAEOZOIC
- P** undifferentiated and unmapped units predominantly carbonate

SYMBOLS

- Geologic boundary (observed, inferred) .....
- Bedding orientation (inclined, vertical, horizontal, overturned) .....
- Thrust fault or reverse (defined, approximate) .....
- Anticline, surface trace of axial plane (upright, overturned) .....
- Syncline, surface trace of axial plane (upright, overturned) .....
- Mine pit boundary (approximate alternate limit) .....

Data Sources:  
 Coal company assessment reports: non-confidential reports on file with the Ministry of Energy, Mines and Petroleum Resources, Victoria, B.C.  
 Jones, P.B. 1979, Report on Geological Fieldwork in the North Monkman Area, British Columbia. Triad Oil Co. Ltd., Ministry of Energy, Mines and Petroleum Resources, Petroleum Resources Branch, Open File 863.  
 Jones, P.B. 1979, Report on Geological Fieldwork in the North Monkman Area, British Columbia. Triad Oil Co. Ltd., Government of British Columbia, Petroleum Resources Branch, Open File 863.

SUKUNKA RIVER  
 BRITISH COLUMBIA

