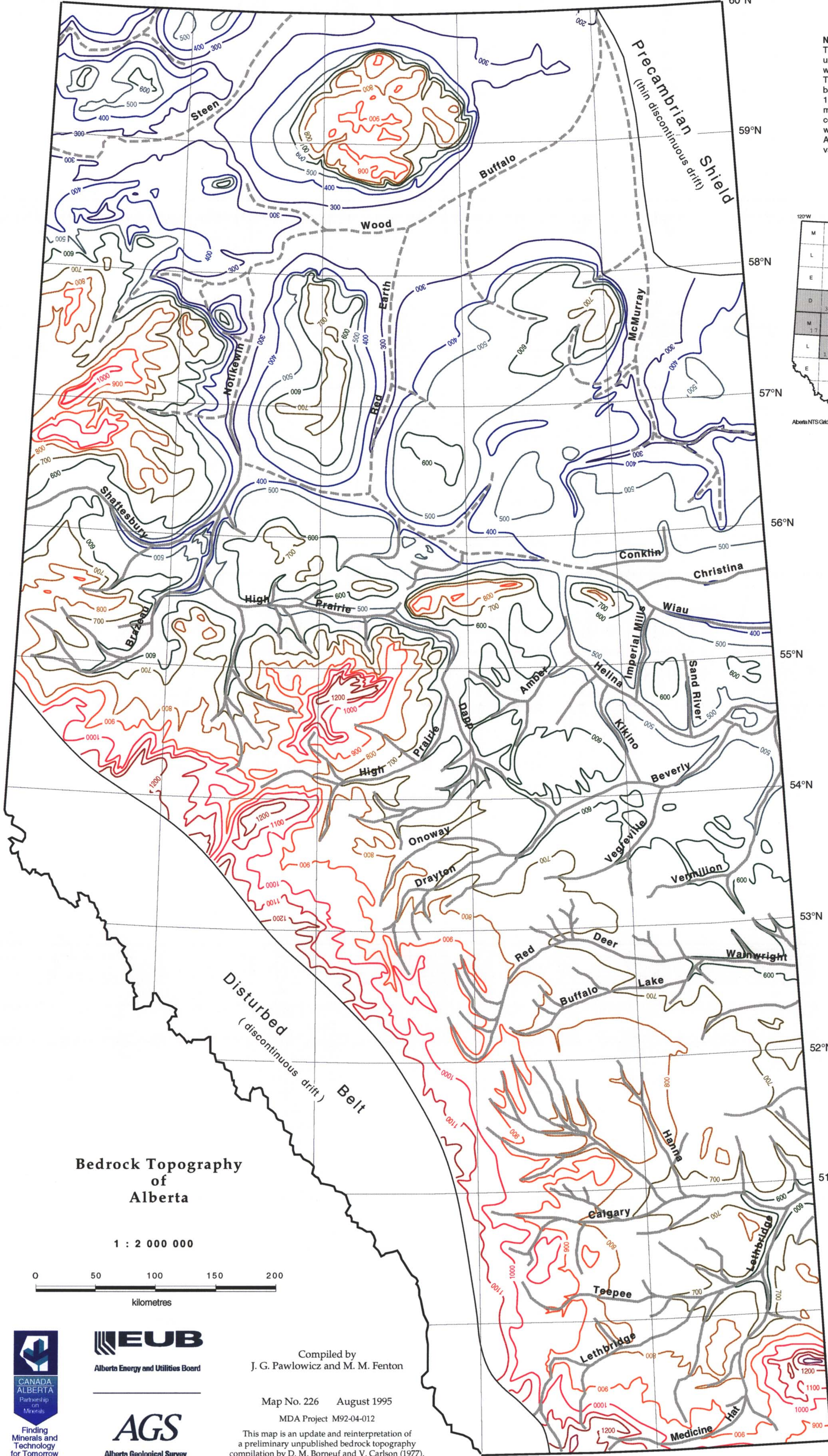
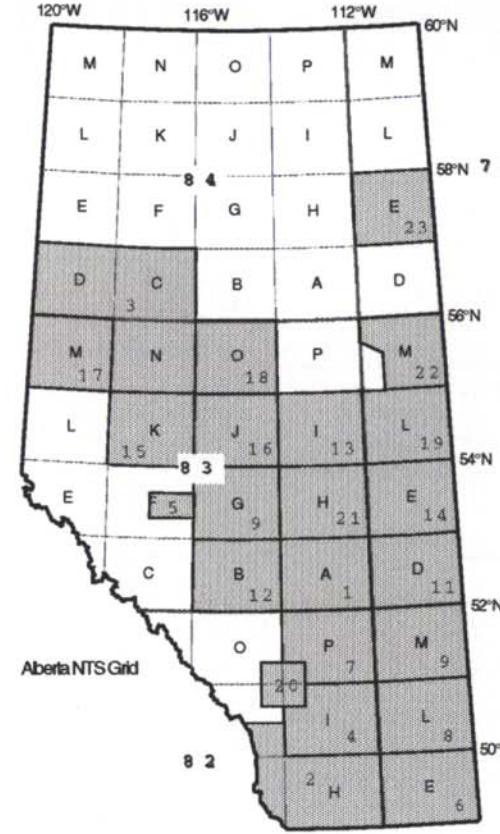


120°W 118°W 116°W 114°W 112°W 60°N



**Notes:**  
 This map is a synthesis and reinterpretation of various published and unpublished maps. The southern half of the province, from 49° N to 56° N was primarily compiled from existing 1 : 250 000 bedrock topography maps. The interpretation of the remaining northern portion of the province was based mostly on limited borehole data and information from existing 1 : 250 000 hydrogeological maps. The thalwegs show the location of major channels incised into the bedrock surface. Intersecting thalwegs indicate complex drainage patterns, where flow directions may have changed, or where one valley intersected another through subsequent development. An example of this is at the intersection of the Wiau and Imperial Mills valleys.

**Bedrock Topography Reference Maps:**



- 1 - R. Farvolden, W. Meneley, E. LeBreton, D. Lennox and P. Meyboom (1963)
- 2 - K. Geiger (1965)
- 3 - J. Jones (1966)
- 4 - K. Geiger (1968)
- 5 - G. Gabert and M. Roed (1968)
- 6 - J. Westgate (1968)
- 7 - V. Carlson (1969)
- 8 - V. Carlson (1970)
- 9 - V. Carlson (1970)
- 10 - V. Carlson (1971)
- 11 - V. Carlson and L. Topp (1972)
- 12 - V. Carlson (1971)
- 13 - V. Carlson (1977)
- 14 - V. Carlson and D. Currie (1974)
- 15 - V. Carlson and R. Green (1979)
- 16 - V. Carlson and R. Green (1977)
- 17 - V. Carlson and D. Hackbarth (1974)
- 18 - R. Vogwill (1979)
- 19 - M. Fenton and L. Andriashek (1983)
- 20 - S. Moran (1986)
- 21 - L. Andriashek (1987)
- 22 - C. Gold (1985), R. Stein, L. Andriashek, D. Thomson, S. Stewart and M. Fenton, 1994. (report for Alberta Energy Co. Ltd.)
- 23 - M. Dufresne, B. Henderson, M. Fenton, J. Pawlowicz and R. Richardson (1994)

**Hydrogeological Reference Maps:**

- R. Barnes (1977, 1978)  
 R. Bibby (1974)  
 D. Borneuf (1972, 1973, 1976, 1978, 1980a, 1980b, 1982, 1983)  
 W. Ceroici (1978, 1979)  
 D. Currie (1976)  
 D. Hackbarth (1975, 1978)  
 G. Ozoray (1972, 1974a, 1974b, 1981, 1982)  
 G. Ozoray and R. Barnes (1978)  
 G. Ozoray, D. Hackbarth and A. Lytviak (1979)  
 G. Ozoray, E. Wallick and A. Lytviak (1979)  
 G. Ozoray and A. Lytviak (1981)  
 R. Stein (1976), R. Stein and V. Carlson (1980)  
 D. Stevenson and D. Borneuf (1978)  
 O. Tokarsky (1970, 1971, 1972a, 1972b, 1974, 1977a, 1977b)  
 R. Vogwill (1975, 1978), R. Vogwill and A. Beerwald (1981)

**Elevation (metres)**

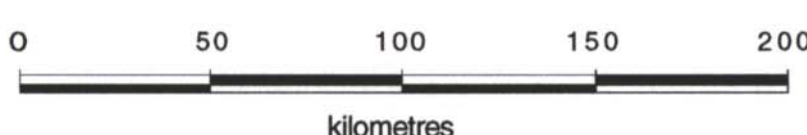
- 1400
- 1300
- 1200
- 1100
- 1000
- 900
- 800
- 700
- 600
- 500
- 400
- 300
- 200

Contour interval = 100 m

- Wiau — channel name
- Thalweg
- Thalweg (based on few data)

**Bedrock Topography of Alberta**

1 : 2 000 000



Compiled by  
 J. G. Pawlowicz and M. M. Fenton

Map No. 226 August 1995  
 MDA Project M92-04-012

This map is an update and reinterpretation of a preliminary unpublished bedrock topography compilation by D. M. Borneuf and V. Carlson (1977).