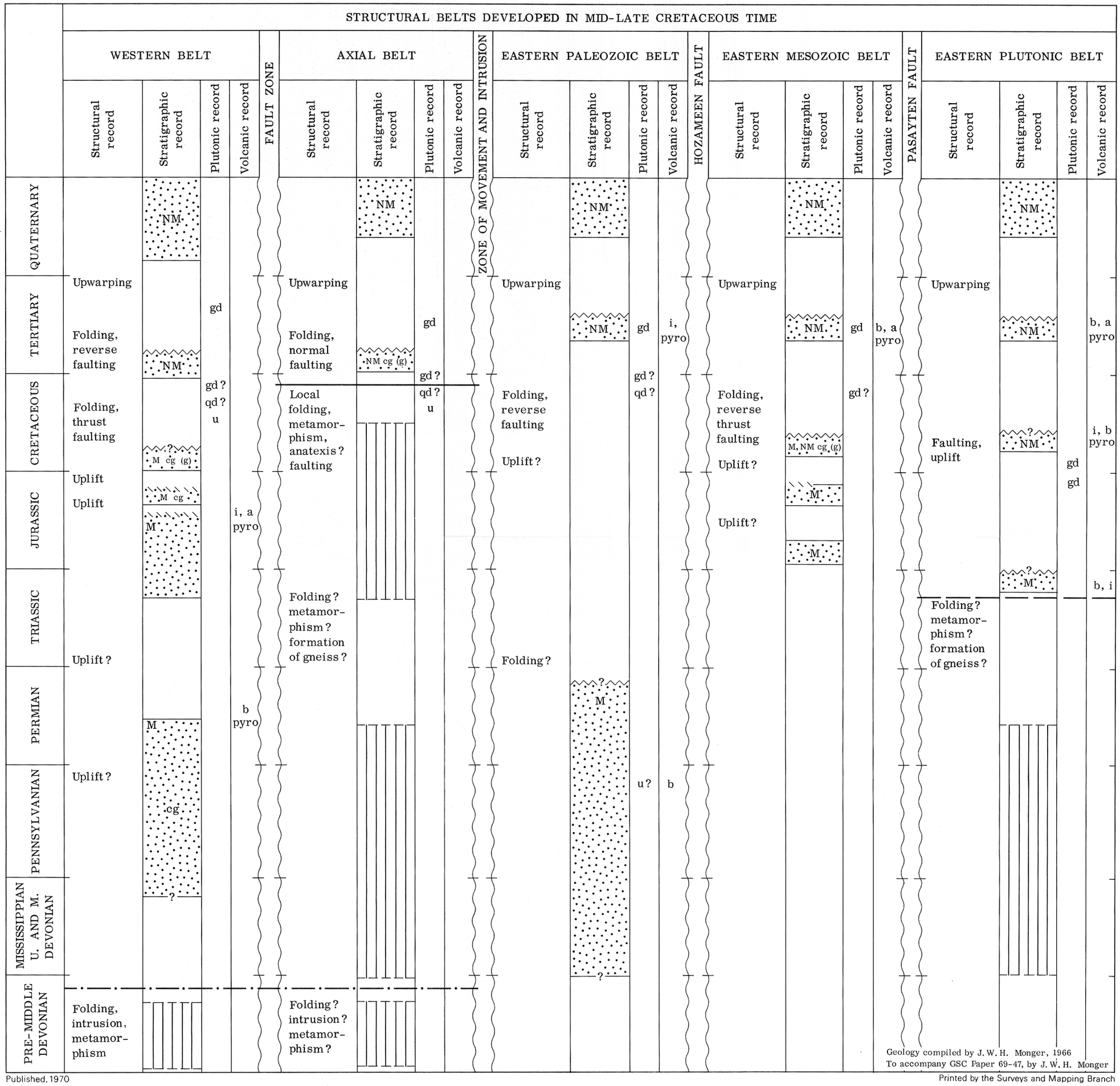
GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES




## LEGEND

Rocks below line have been subjected to pre-Tertiary deformation and high-grade metamorphism . . . . . ———

Rocks below line occur east of the map-area in the extension of the Eagle granodiorite and may be partly equivalent to high-grade rocks in the axial belt . . . . . — —

Rocks below line have been subjected to pre-Middle Devonian deformation, intrusion and high-grade metamorphism . . . . . — · —

Rocks above lines are unmetamorphosed or have been subjected to low-grade metamorphism

### STRATIGRAPHIC RECORD

Interval of deposition

Possible depositional intervals of stratified rocks from which gneisses and schists are derived

Disconformity . . . . . ———

Slight angular unconformity . . . . . \\\\\\

Angular unconformity . . . . . ∿∿∿∿

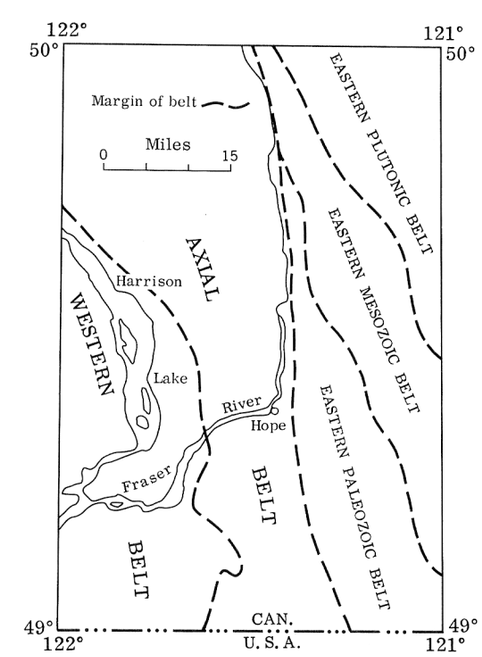
Marine . . . . . M
Non-marine . . . . . NM
Conglomerate:
without granitic clasts . . . . . cg
with granitic clasts . . . . . cg (g)

### PLUTONIC RECORD

Granodiorite . . . . . gd
Quartz diorite . . . . . qd
Ultramafic rocks . . . . . u

### VOLCANIC RECORD

Basic volcanic flows . . . . . b
Intermediate volcanic flows . . . . . i
Acid volcanic flows . . . . . a
Pyroclastic rocks . . . . . pyro




INDEX MAP SHOWING STRUCTURAL BELTS

**Figure 3. Stratigraphic, plutonic, volcanic and diastrophic records of the Hope map-area.**

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