

BASE BY U.S. GEOLOGICAL SURVEY, 1956

Metamorphic and Devonian rocks				
Map File No.	Fossils	Age	Map Unit	
1 2453.6	Archaeopteryx	late Devonian	DH	
2 4244.33	Archaeopteryx	late Devonian	DH	
3 4244.33	Archaeopteryx	late Devonian	DH	
4 2441.8	Archaeopteryx	late Devonian	DH	
5 2441.8	Archaeopteryx	late Devonian	DH	
6 2441.8	Archaeopteryx	late Devonian	DH	
7 2441.8	Archaeopteryx	late Devonian	DH	
8 2441.8	Archaeopteryx	late Devonian	DH	
9 2441.8	Archaeopteryx	late Devonian	DH	
10 2441.8	Archaeopteryx	late Devonian	DH	
11 2441.8	Archaeopteryx	late Devonian	DH	
12 2441.8	Archaeopteryx	late Devonian	DH	
13 2441.8	Archaeopteryx	late Devonian	DH	
14 2441.8	Archaeopteryx	late Devonian	DH	
15 2441.8	Archaeopteryx	late Devonian	DH	
16 2441.8	Archaeopteryx	late Devonian	DH	
17 2441.8	Archaeopteryx	late Devonian	DH	
18 2441.8	Archaeopteryx	late Devonian	DH	
19 2441.8	Archaeopteryx	late Devonian	DH	
20 2441.8	Archaeopteryx	late Devonian	DH	

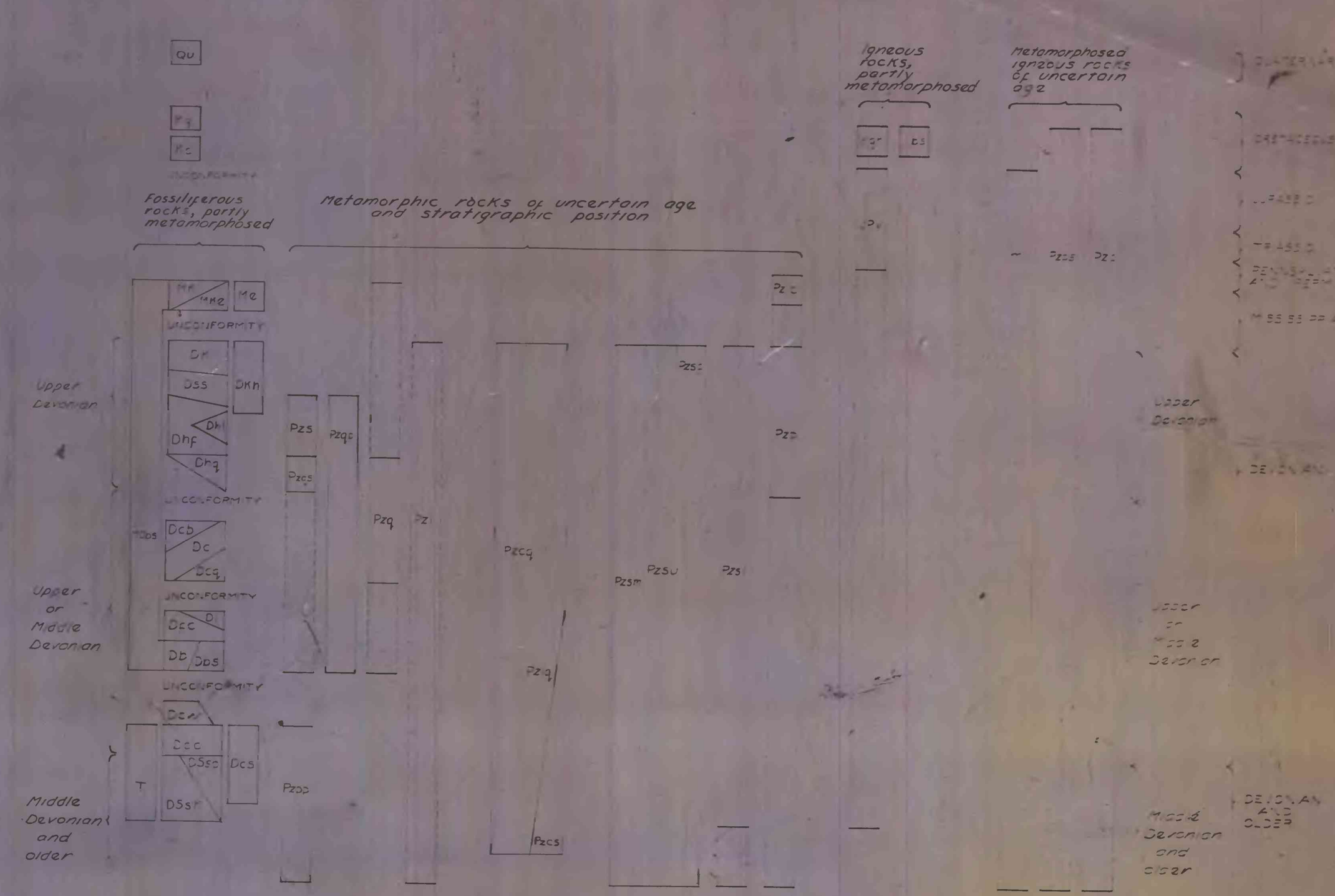
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EXPLANATION OF SYMBOLS

- Geologic boundary
Deviation from vertical
Fault
Unconformity
Topographic contour
Water body
Road
Railroad
Power line
Communication line
Settlement
Vegetation
Cultural feature
Other

CORRELATION OF ROCK UNITS



DESCRIPTION OF MAP UNITS

- UNDIFFERENTIATED SURFICIAL DEPOSITS**
- QUARTZ CONGLOMERATE** --- Quartz-pebble conglomerate with a quartzite matrix; some clasts of chert, schist and gneiss; some interbedded quartzite sandstone and mudstone.
- IRONSTONE** --- Massive, poorly sorted, poorly stratified pebbles in a calcareous matrix. Clasts of quartzite and intrusive igneous rocks in a greenish and calcareous matrix. Some clasts of chert and mudstone. Probably early Cretaceous (Albian) age (Patton and Miller, 1966; Patton, Miller and Tulliver, 1968).
- POSSIBLE ROCKS, PARTLY METAMORPHIC**
- Basalt** --- Dark gray to black, massive, fine-grained, columnar jointed. Probably early Cretaceous (Albian) age (Patton and Miller, 1966; Patton, Miller and Tulliver, 1968).
- Basaltic andesite** --- Dark gray to black, massive, fine-grained, columnar jointed. Probably early Cretaceous (Albian) age (Patton and Miller, 1966; Patton, Miller and Tulliver, 1968).
- Andesite** --- Dark gray to black, massive, fine-grained, columnar jointed. Probably early Cretaceous (Albian) age (Patton and Miller, 1966; Patton, Miller and Tulliver, 1968).
- Granite** --- Light gray to pink, coarse-grained, equigranular. Probably early Cretaceous (Albian) age (Patton and Miller, 1966; Patton, Miller and Tulliver, 1968).
- Granodiorite** --- Light gray to pink, coarse-grained, equigranular. Probably early Cretaceous (Albian) age (Patton and Miller, 1966; Patton, Miller and Tulliver, 1968).
- Quartzite** --- Light gray to pink, fine-grained, crystalline. Probably early Cretaceous (Albian) age (Patton and Miller, 1966; Patton, Miller and Tulliver, 1968).
- Schist** --- Light gray to pink, medium-grained, foliated. Probably early Cretaceous (Albian) age (Patton and Miller, 1966; Patton, Miller and Tulliver, 1968).
- Gneiss** --- Light gray to pink, coarse-grained, foliated. Probably early Cretaceous (Albian) age (Patton and Miller, 1966; Patton, Miller and Tulliver, 1968).
- Metamorphic rocks of uncertain age and stratigraphic position**
- Basalt** --- Dark gray to black, massive, fine-grained, columnar jointed. Probably early Cretaceous (Albian) age (Patton and Miller, 1966; Patton, Miller and Tulliver, 1968).
- Basaltic andesite** --- Dark gray to black, massive, fine-grained, columnar jointed. Probably early Cretaceous (Albian) age (Patton and Miller, 1966; Patton, Miller and Tulliver, 1968).
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