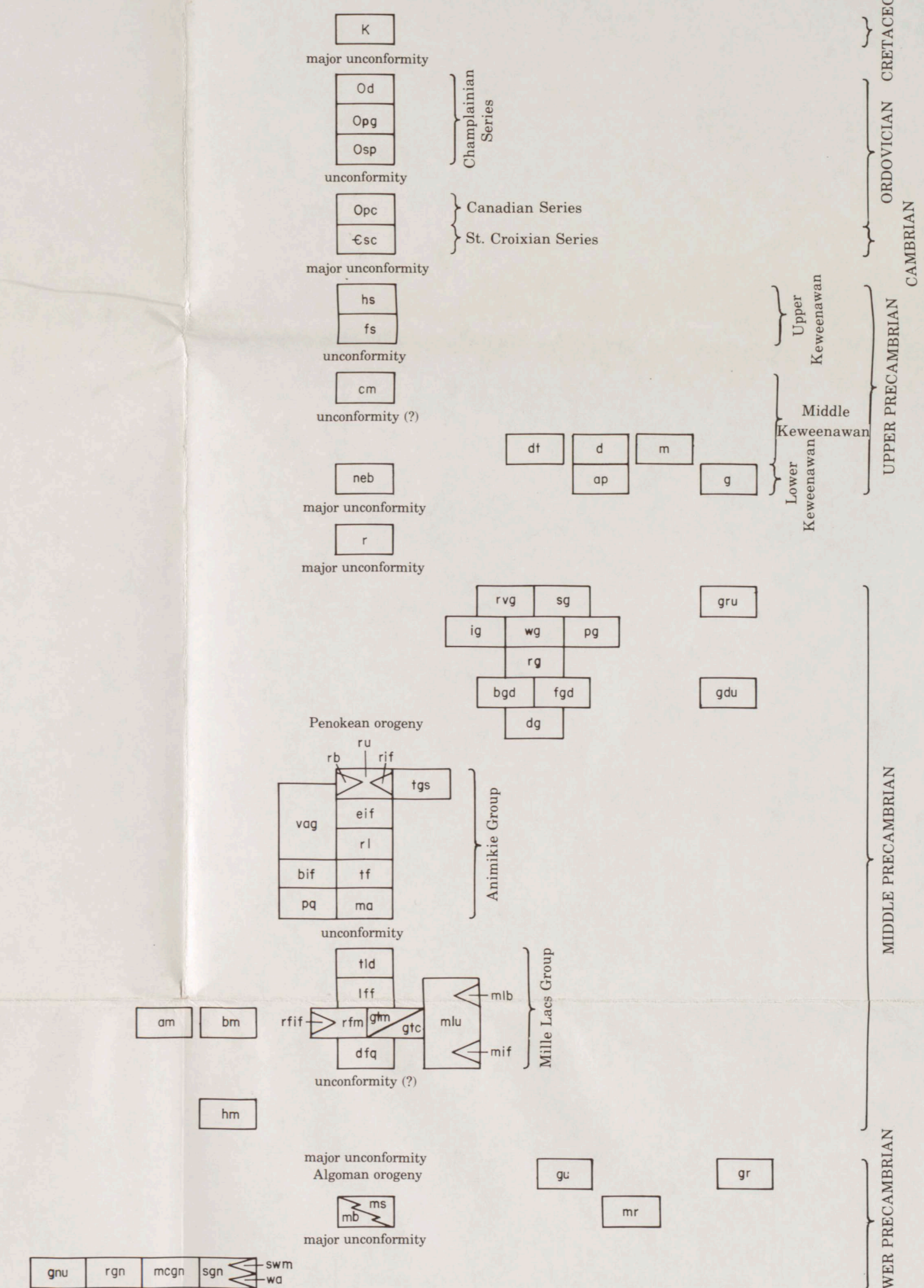




EXPLANATION  
CORRELATION OF MAP UNITS

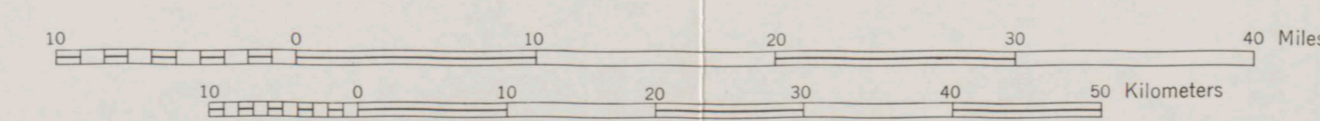


DESCRIPTION OF MAP UNITS

(See text for discussion of Lower and Middle Precambrian units)

- K, sandstone, siltstone and shale, undivided; may locally include some pre-Cretaceous regolithic material
- Od, Decorah Shale
- Opg, Platteville and Glenwood Formations
- Osp, St. Peter Sandstone
- Opc, Prairie du Chien Group
- Esc, Jordan, St. Lawrence, Franconia, Ironton, Galeville, Eau Claire and Mt. Simon formations, undivided
- hs, Hinckley Sandstone
- fs, Fond du Lac Formation
- cm, Chengwatana Volcanic Group
- dt, Duluth Complex, undivided
- d, diabasic gabbro dikes and sills
- m, mafic intrusive rocks, undivided; inferred from geophysical data
- neb, North Shore Volcanic Group; Ely's Peak basalts
- ap, augite-porphyrritic basalt dikes
- g, gabbroic rocks, undivided
- r, rhyolitic rocks, undivided
- rvg, Rockville Granite
- sg, St. Cloud Granite, undivided
- gru, granitic rocks, undivided; inferred from geophysical data
- ig, Isle Granite
- wg, Warman Granite
- dfg, Denham Formation
- mlu, Mille Lacs Group, undivided; locally includes mappable units of iron-formation (mif) and mafic volcanic or pyroclastic rocks (mlb)
- am, dominantly amphibolite
- bm, basaltic rocks, undivided
- hm, Hillman Migmatite
- gu, Giants Range Granite, undivided
- gr, Granitic rocks, undivided
- ms, dominantly metasedimentary rocks
- mb, dominantly metavolcanic rocks
- mr, mafic rocks undivided; inferred from geophysical data
- sgn, Sartell Gneiss
- tf, Tromald Formation
- swm, St. Wendel Metagabbro
- wa, Watab Amphibolite
- mcgn, McGrath Gneiss
- rgn, Richmond Gneiss
- gnu, gneissic rocks, undivided
- gtm, Glen Township Formation, dominantly mafic volcanic rocks
- gtc, Glen Township Formation, dominantly carbonaceous slate and iron-formation

Compiled by G.B. Morey, 1978.



GENERALIZED BEDROCK GEOLOGIC MAP OF EAST-CENTRAL MINNESOTA