

MAP SHOWING LOCATION OF PURCELL LAVA IN GLACIER NATIONAL PARK, MONTANA

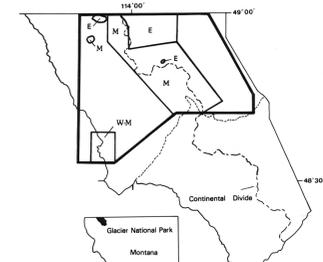
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EXPLANATION

- Ypl Middle Proterozoic Purcell Lava
- Yd Dike cross-cutting Purcell Lava
- Pd Dike, probably Precambrian in age, relationship to Purcell Lava unknown
- D U Normal Fault
- Thrust Fault, Sawtooth on upper plate
- Syncline
- Strike and dip of sedimentary strata
- Contact

All faults and contacts are dashed where approximately located, dotted where concealed

MAP LOCATION



SOURCE OF MAPPING

M: mapping by R. G. McGimsey
E: from Earhart and others, 1983
W.M: mapping by J. W. Whipple and R. G. McGimsey
Structures are from Earhart and others (1983), except for the Lewis Thrust fault which is from Ross (1959).

REFERENCES

Earhart, R. L., Rapo, D. B., Conner, J. J., Carrara, P. E., McGimsey, R. G., Gonsky, R. N., and Van Lanen, R. C., 1983, Preliminary geologic map and cross sections of the northeast part of Glacier National Park, Montana, U.S. Geological Survey Map MF-1004-A.
Ross, C. P., 1959, Geology of Glacier National Park and the Flathead region, northeastern Montana: U.S. Geological Survey Professional Paper 286, 125 p.

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

Base from U.S. Geological Survey 1:24,000 quadrangles:
Ammann Pass, 1960; Caras Ridge East, 1968; Caras Ridge West, 1968;
Carmas Creek, 1961; Caras Area, 1961; Huckleberry Mtn., 1968;
Climax Pass, 1968; Many Glacier, 1969; Mt. Goebl, 1967;
Mt. Cannon, 1968; Mt. Cannon, 1968; Mt. Cannon, 1968;
Percepsia Ridge, 1958; Quartz Ridge, 1958; Henry Sun, 1958; Vulture Peak, 1958