

EXPLANATION

GLACIAL FACIES

ALLUVIAL FACIES

COLLUVIAL FACIES

BEDROCK

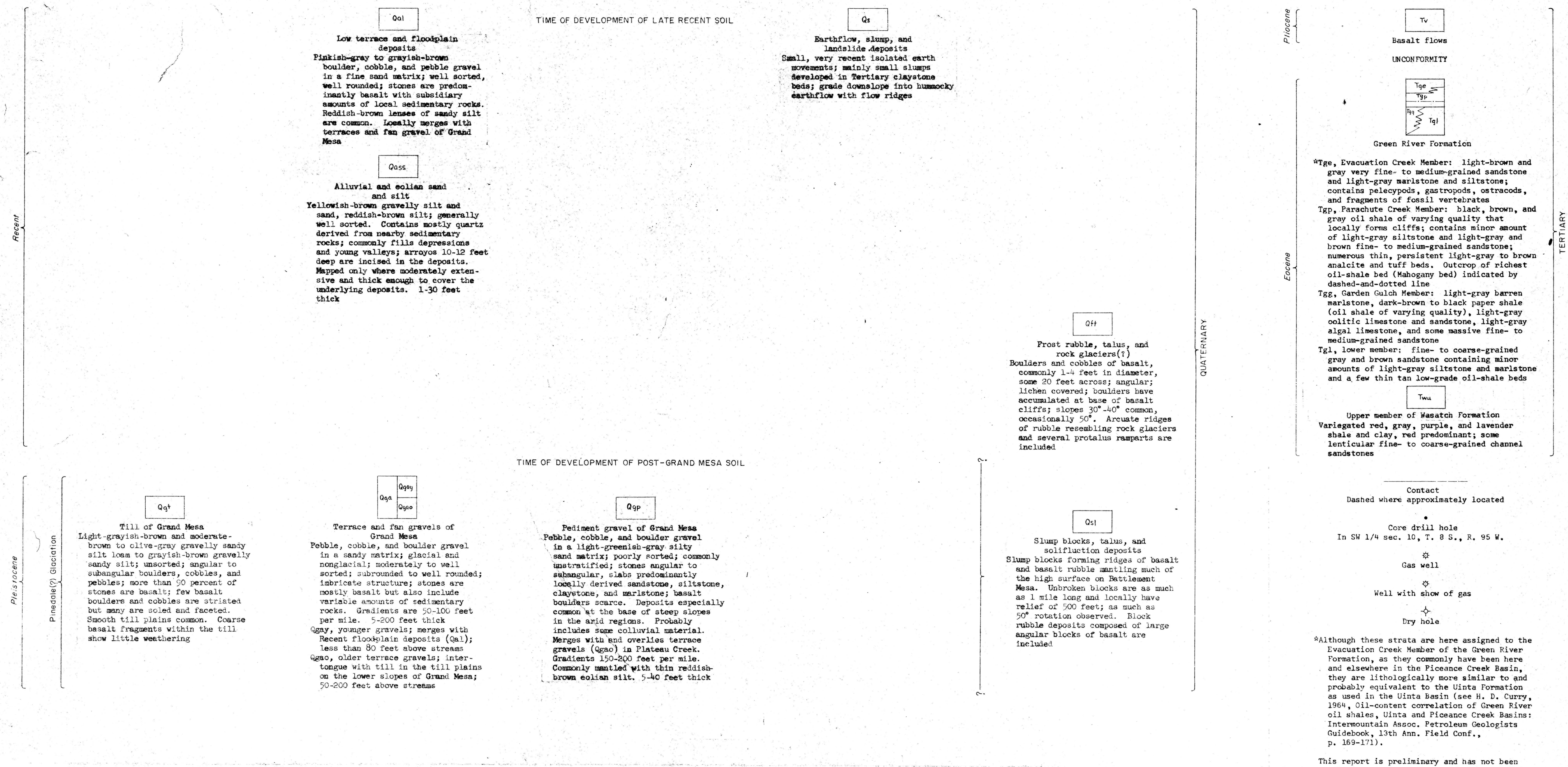


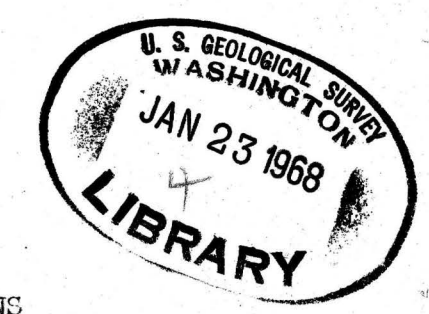
DIAGRAM SHOWING RELATIVE AGES OF SURFICIAL UNITS IN THE GRAND MESA-BATTLEMENT MESA AREA
 Patterned boxes indicate units present in this quadrangle

SOIL DESCRIPTIONS

Only those soils displaying a completely developed diagnostic profile are described. These soils may occupy as little as 10 percent of the mapped area of a unit.

LATE RECENT SOIL:
 A horizon: reddish-gray to brownish-black silt, brownish-black fine sandy silt loam, and black silty clay; humid; 0.5-1.5 ft.
 Cca horizon (generally absent): contains fracture fillings and thin stringers of grayish-white calcium carbonate; some thin carbonate films on stones; 0.4-2.0 ft.

POST-GRAND MESA SOIL:
 A horizon: brown and dark-brown to dark-reddish-gray gravelly silt loam to brownish-black silt; humid at high elevations; friable; 0.9-1.8 ft.
 B horizon: moderate-yellowish-brown (10YR 4/4) gravelly silt loam to reddish-brown (5Y 5/3) sandy silt loam to dark-reddish-gray gravelly silt loam; loose, weak granular structure; very weakly oxidized; pH 6.0 at high elevations, 5.0 at low elevations; 0.8-1.7 ft.
 Cca horizon (not developed at high elevations): white to gray-white gravelly silt; calcium-carbonate impregnation ranges from very strong with well-developed platy structure to thin coatings on stones; 1.0-1.5 ft.



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 no. 68-78
 sheet 2
 Sept 2

Colorado (Hawxhurst Creek quad). Geol. 1:24,000. 1968.
 sheet 2, cap. 1

