

SABBATH CREEK No. 1

STRATIGRAPHIC SECTION

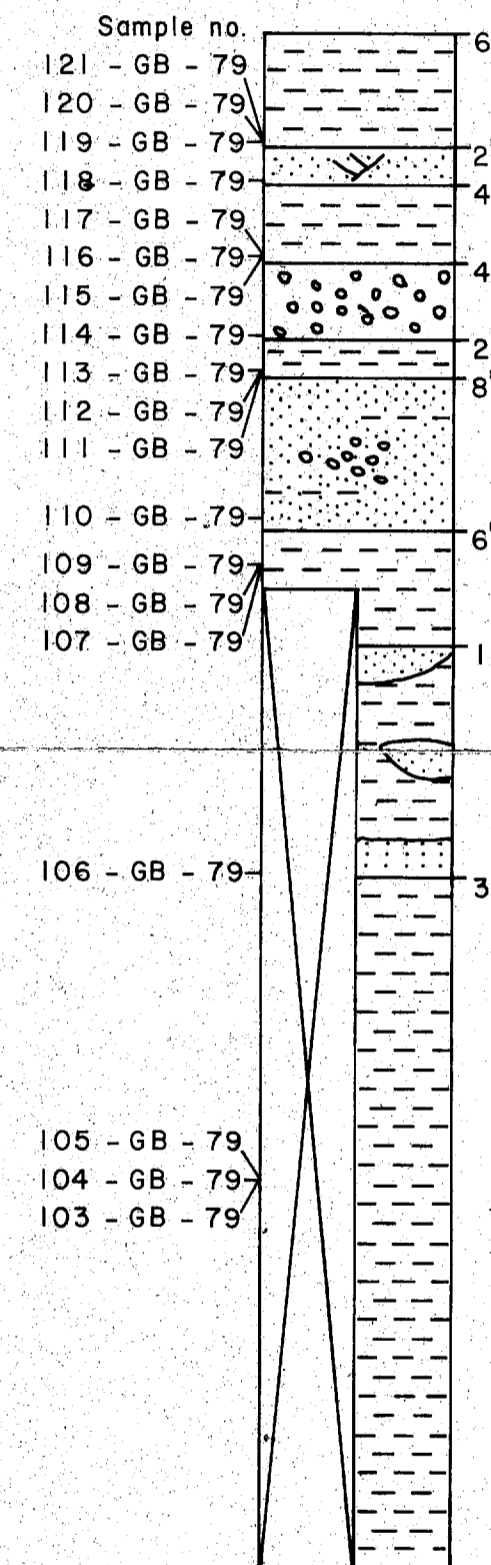
Sec. 27, T. 4 N., R. 35 E.

MAP LOCATION NO. 22

JULY 1979

MEASURED BY: J.G. BOLM
L. MAXEY

C E N O Z O I C
TERTIARY
MOOSE CREEK FORMATION



MUDSTONE - olive black 5Y 2/1, cross-laminated, hackly, noncalcareous, minor carbonaceous debris

STRIKE N 75° E DIP 18° N

SANDSTONE - olive gray 5Y 4/1, very fine- to medium-grained, cross-laminated

MUDSTONE - olive black 5Y 2/1, cross-laminated, hackly, noncalcareous, minor carbonaceous debris

PEBBLE CONGLOMERATE - light olive gray 5Y 6/1, subangular to rounded pebbles in sandy mudstone matrix

MUDSTONE - olive black 5Y 2/1, cross-laminated, hackly, noncalcareous, minor carbonaceous debris

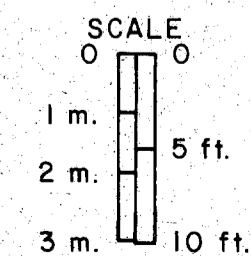
SANDSTONE - medium dark gray N4, very fine to very coarse-grained, coarser beds massive, finer beds laminated, contains pebble and mudstone stringers, locally pebble stringers define cross-lamination

MUDSTONE - olive black 5Y 2/1, dark gray N3 in siltier areas, cross-laminated, hackly, noncalcareous, minor carbonaceous debris

MUDSTONE and SANDSTONE - mudstone olive black 5Y 2/1, cross-laminated, hackly, noncalcareous, minor carbonaceous debris; sandstone medium dark gray N4, very fine to medium-grained, locally pebbly in lenses which grade upward to mudstone

MUDSTONE - olive black 5Y 2/1, cross-laminated, hackly, noncalcareous, minor carbonaceous debris

Porosity or Age	Permeability or Environment
Tertiary 4.4%	Nonmarine 0.04 mD
Probable Paleogene	Nonmarine
Probable Paleogene	Nonmarine
3.2% Tertiary	0.26 mD Nonmarine
3.4%	2.29 mD
Probable Tertiary	Nonmarine ?



This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.