

# KATAKTURUK RIVER

## STRATIGRAPHIC SECTION

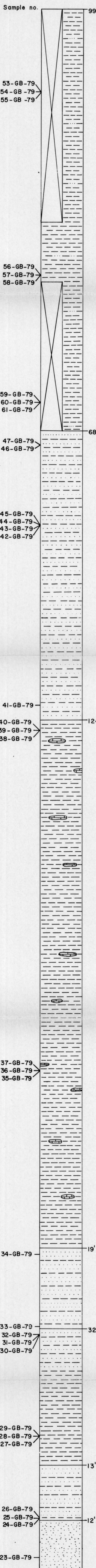
Sec. 11, T. 4 N., R. 30 E.

LOCALITY 8

JULY 1979

MEASURED BY: W.M. LYLE  
I.F. PALMER  
J.G. BOLM  
L. MAXEY

TERTIARY FOR MEMBERS  
 SCHEERBLUFF MEMBER



MUDSTONE - olive gray 5Y 4/1, calcareous, hackly, laminated with a few lensy laminae of siltstone, medium light gray N6, calcareous

MUDSTONE - olive gray 5Y 4/1, calcareous, laminated, contains flattened calcareous concretions

INTERBEDDED SANDSTONE and MUDSTONE - 50 percent sandstone, light olive gray 5Y 6/1, very fine grained, 1- to 12-inch beds, laminated abundant carbonaceous debris, ripples and load casts common; mudstone olive gray 5Y 4/1, 1/2- to 12-inch beds

INTERBEDDED SANDSTONE and MUDSTONE - 80 percent sandstone, medium gray N5, fine-grained, calcareous, laminated, 2- to 24-inch beds which grade to mudstone, olive gray 5Y 4/1, calcareous, common carbonaceous debris, 1/2- to 6-inch beds

MUDSTONE - olive gray 5Y 4/1, calcareous, hackly, laminated with some ripple lamination, common carbonaceous debris, silty pods; upper 10 feet contains 3- to 10-inch beds of graded, laminated sandstone

SANDSTONE - medium gray N5, fine-grained, calcareous, abundant carbonaceous debris, ripple laminated, 3- to 24-inch beds, mudstone partings, olive gray 5Y 4/1, laminated, noncalcareous

SANDSTONE - medium gray N5, fine-grained, calcareous, laminated, abundant carbonaceous debris, 3- to 24-inch beds, load features common

Porosity of Age	Permeability of Environment
Probable Paleogene	Middle Neritic
Probable Paleogene	Middle Neritic to Upper Bathyal
Probable Paleogene	Middle Neritic to Upper Bathyal
Tertiary	Nonmarine?
0.4% Probable Tertiary	<0.01mD Probable Marginal Marine
0.7% Tertiary	<0.01mD Marginal Marine
Tertiary	Nonmarine?
3.6% Tertiary	0.03mD
5.5% Tertiary	0.05mD Marginal Marine
Probable Paleogene	Inner Neritic
Tertiary?	Nonmarine?
9.4% Tertiary	0.06mD

STRIKE N85°E  
DIP 34°N

STRIKE N82°E  
DIP 21°N

