

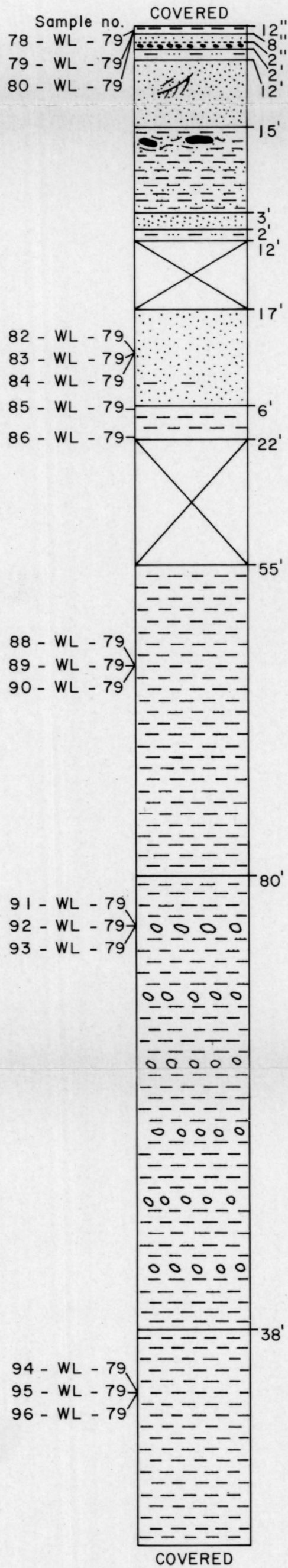
# CARTER CREEK STRATIGRAPHIC SECTION

Sec. 21, T. 7 N., R. 30 E.  
LOCALITY 1

JULY 1979

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

**TERTIARY**  
 SAGAVANIRKTOK FORMATION  
 NUWOK MEMBER



MUD - olive gray 5Y 4/1, unconsolidated  
 SAND and GRAVEL - moderate yellow 5Y 7/6, well-rounded clasts, unconsolidated  
 GRAVEL - well-rounded clasts, unconsolidated  
 MUDSTONE - olive gray 5Y 4/1, scattered well-rounded pebbles  
 SAND - medium dark gray N4 to medium gray N5, unconsolidated

STRIKE 78° DIP 23° N

MUDSTONE - brownish gray 5YR 4/1, partially covered tree branch 7 feet from top of unit;  
 2- to 4-inch sandy mudstone layers, brownish black 5YR 2/1

SAND - brownish gray 5YR 2/4, fine-grained, unconsolidated  
 MUDSTONE  
 COVERED

SANDSTONE - brownish gray 5YR 2/4, fine- to medium-grained, crossbedded, some 2- to 8-inch mudstone beds, friable

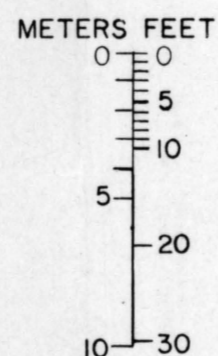
MUDSTONE - brownish black 5YR 2/1, pods and lenses of sandstone along bedding planes  
 COVERED

CLAY and MUDSTONE - dark olive gray 5Y 3/1 to dark yellowish brown 10YR 4/2, some isolated fossil fragments, calcareous, floating pebbles

MUDSTONE - olive black 5Y 2/1 weathered, fresh color gray olive black 5GY 3/2, some silty sandstone 1/2- to 3-inch pods and lenses, some carbonaceous streaks and friable paper-thin pelecypod fragments, limonite stain on fractured surfaces

MUDSTONE - brownish black 5Y 2/1, friable

Porosity of Age	Permeability of Environment
Neogene	Marginal Marine
Probable Neogene	Marginal Marine to Inner Neritic
Neogene	Inner to Middle Neritic
Neogene	Inner to Middle Neritic
Neogene	Inner to Middle Neritic
Neogene	Inner to Middle Neritic



STATE OF ALASKA  
 DEPT. OF NATURAL RESOURCES  
 Div. of Geological & Geophysical Surveys