

GR76-5H6

ITKILYARIAK CREEK

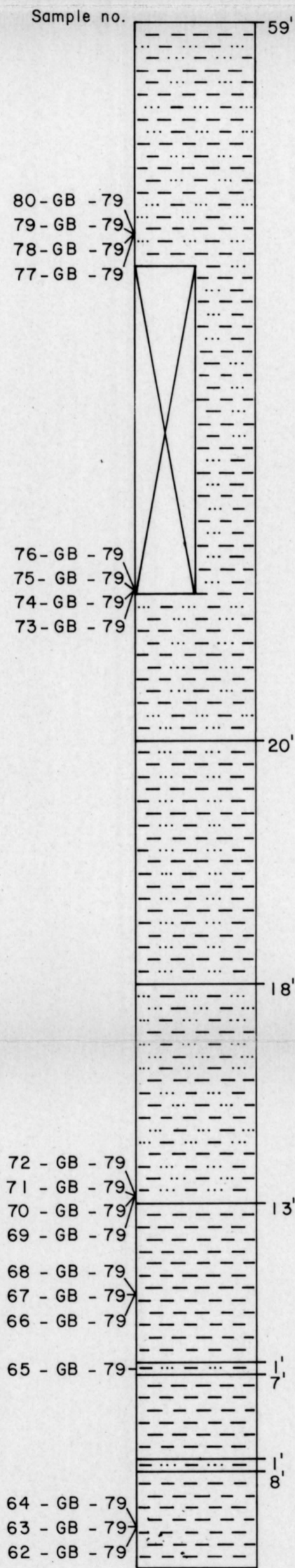
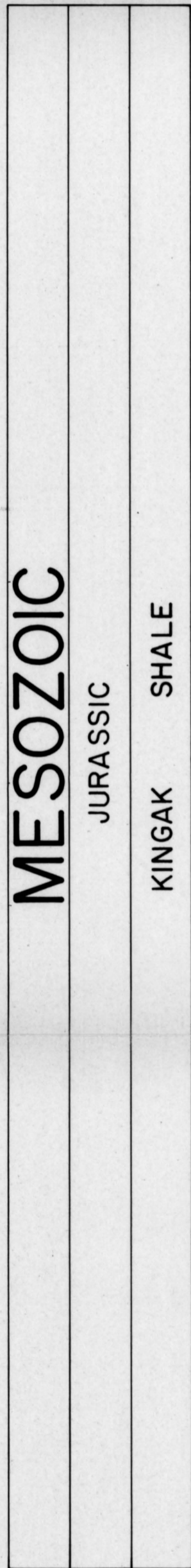
STRATIGRAPHIC SECTION

Sec. 28, T. 4 N., R. 31 E.

LOCALITY 9

JULY 1979

MEASURED BY: J.G. BOLM
L. MAXEY



INTERBEDDED MUDSTONE and SILTSTONE - 60 percent siltstone, dark gray N3, noncalcareous, cross-laminated, in 6-inch to 2-foot beds which grade upward to mudstone, brownish black 5YR 2/1, hackly, weakly fissile, noncalcareous, in 3- to 12-inch beds; boudins in siltstone plunge 18° N. 30° E.

INTERBEDDED MUDSTONE and SILTSTONE - 40 percent siltstone, dark gray N3, noncalcareous, cross-laminated, in 1- to 3-inch beds which grade upward to mudstone, brownish black 5YR 2/1, hackly, weakly fissile, noncalcareous, in 1-inch to 6-inch beds

INTERBEDDED SILTSTONE and MUDSTONE - 75 percent siltstone, dark gray N3, noncalcareous, cross-laminated, in 6-inch to 3-foot beds which grade upward to mudstone, brownish black 5YR 2/1, hackly, weakly fissile, noncalcareous, in 6- to 12-inch beds

MUDSTONE - brownish black 5YR 2/1, hackly, weakly fissile, noncalcareous

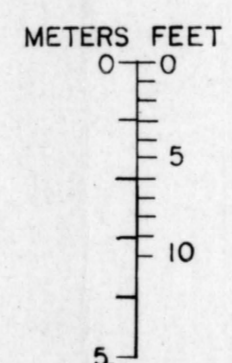
SILTSTONE - dark gray N3, noncalcareous, cross-laminated, forms boudins
MUDSTONE - brownish black 5YR 2/1, hackly, weakly fissile, noncalcareous

SILTSTONE - dark gray N3, noncalcareous, cross-laminated, forms boudins
MUDSTONE - brownish black 5YR 2/1, hackly, weakly fissile, noncalcareous

STRIKE N 66° E
DIP 20° N

Porosity or Age Permeability or Environment

5.2%	0.01 mD
Early to Middle Jurassic	Middle to Outer Neritic
5.6%	0.02 mD
Early to Middle Jurassic	Middle to Outer Neritic
5.1%	< 0.01 mD
Probable Early to Middle Jurassic	Inner to Middle Neritic
Probable Early to Middle Jurassic	Probable Inner to Middle Neritic
1.2%	< 0.01 mD
Probable Early to Middle Jurassic	Probable Inner to Middle Neritic



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