

NELSON ISLAND I

STRATIGRAPHIC SECTION

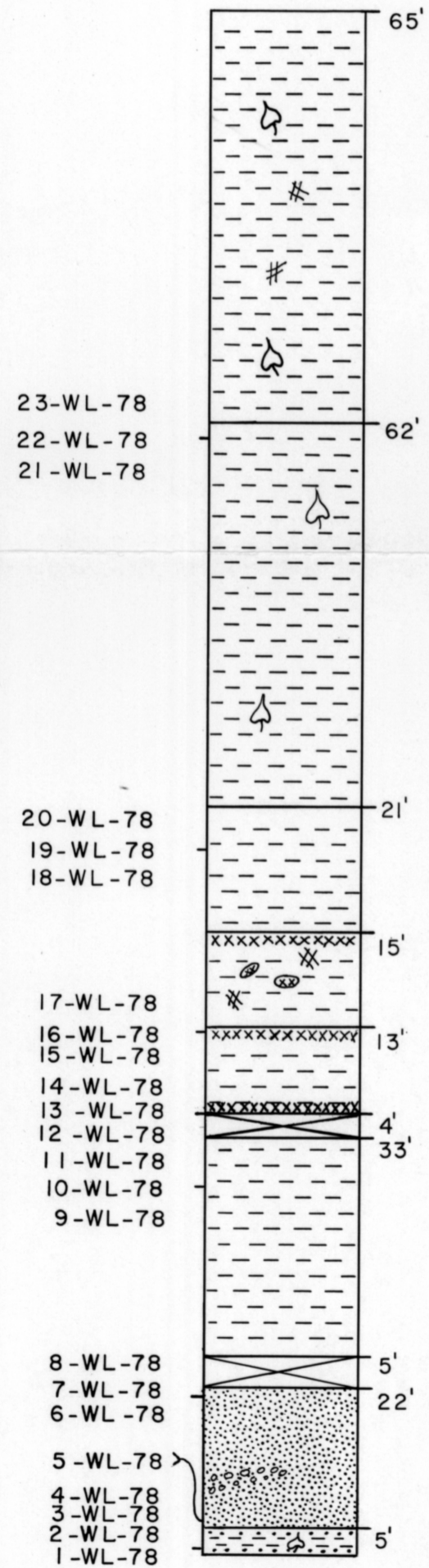
Sec. 28, T. 7 N., R. 89 W.

JULY 1978

Locality 20

MEASURED BY: W.M. LYLE
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MESOZOIC
EARLY CRETACEOUS (ALBIAN)
UNDIFFERENTIATED



MUDSTONE — As below, with coal fragments and leaves.

MUDSTONE — As below, with well-preserved leaf prints.

MUDSTONE — Light-olive-gray (5Y 5/2), hackly fracture, very well indurated where not weathered.

MUDSTONE — As below, with 3-in.-thick bentonitic mudstone at top; dark-gray (N-3), with light-gray streaks; pods of bentonite and carbonaceous trash.

MUDSTONE — As below, with 2-in.-thick bentonite layer at top and 4-in.-thick bentonite layer at base.

COVERED

MUDSTONE — Moderate-yellowish-brown (10YR 5/4), hackly fracture, limonite-stained, thin-bedded (6 in. to 3 ft thick), becomes banded yellow and brown in upper part of section.

COVERED

SANDSTONE — Dark-gray-green (5GY 4/1), medium- to coarse-grained, poorly sorted; contains subrounded clasts and blocky, well-indurated, carbonaceous, minor pebble conglomerate.

SANDSTONE — Olive-gray (5Y 3/2), moderately well indurated, with carbonaceous trash, leaf imprints and mudstone pods, lenses, and stringers to 10 in.

STRIKE 100° DIP 20° S.

STRIKE 123° DIP 21° S.

Porosity or Age Permeability or Environment

Indeterminate Early Cretaceous (Albian) Marginal Marine (Palynology)	
Indeterminate	
2.8 % .02 mD	
7.2 % .21 mD Indeterminate Middle Upper to Late Upper Cretaceous (Paleobotany)	

