

NELSON ISLAND 2 STRATIGRAPHIC SECTION

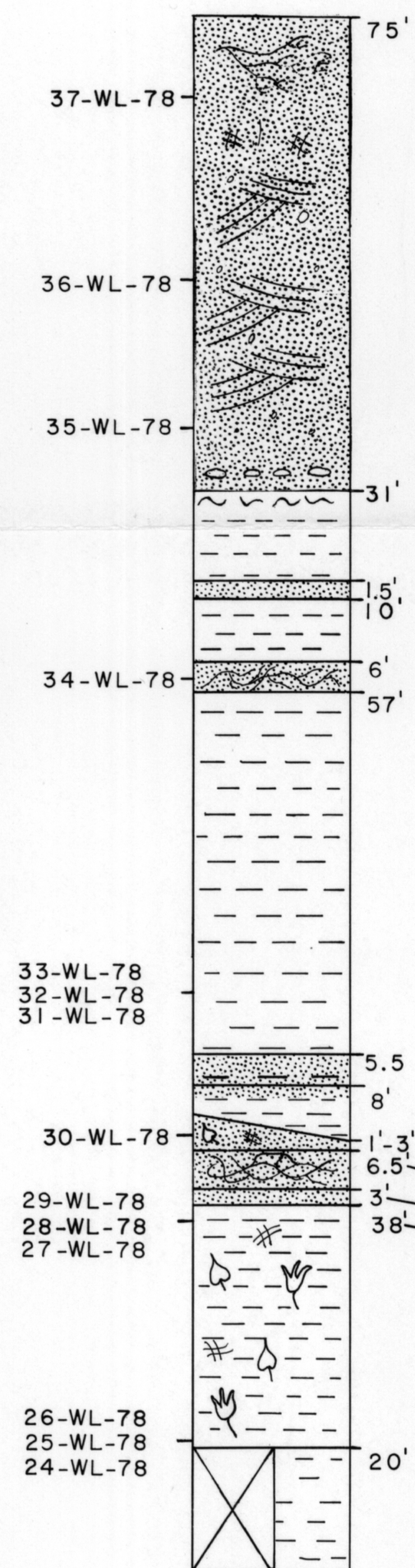
Sec. 31, T. 7 N., R. 89 W.

JULY 1978

Locality 21

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



37-WL-78 75' SANDSTONE - Light-gray (N-7), medium-grained, cross-bedded with pebbles and 2- to 3-ft-thick concretionary zone; finer grained near top, with coalified limbs.

36-WL-78

35-WL-78

31' MUDSTONE - As below, upper 2 to 3 ft are contorted.

1.5' SANDSTONE - Long lens, cross-bedded with calcite bands.
10' MUDSTONE - Dark-gray (N-3), as below.

34-WL-78 6' SANDSTONE - Medium-light-gray (N-6), fine- to medium-grained, well-sorted, cross-bedded.
57' MUDSTONE - Medium-dark-gray (N-4), silty, blocky fracture.

33-WL-78
32-WL-78
31-WL-78

5.5' SANDSTONE - Medium-gray (N-3), massively bedded, sharp contact at top, gradational contact at bottom.
8' MUDSTONE - As below.

30-WL-78 1'-3' SANDSTONE - Dark-gray (N-3), fine- to medium-grained, well-indurated, calcareous, with concretions, low-angle cross-beds, and leaf imprints.
6.5' MUDSTONE - Olive-gray (5Y 2/2), moderately contorted, calcite to gypsum(?). **STRIKE 135° DIP 42° N.**

29-WL-78 3' SANDSTONE - Medium-dark-gray (N-4), fine- to medium-grained, concretions to 1 ft diameter.
28-WL-78 38' MUDSTONE - Silty, medium-gray (N-4), hackly fracture, moderately well indurated, limonite-stained, carbonaceous, leaf imprints.
27-WL-78

26-WL-78
25-WL-78
24-WL-78 20' MUDSTONE - Mostly covered.

Porosity or Age	Permeability or Environment
6.3 %	.08 mD
7.4 %	.04 mD
4.7 %	.06 mD
Early Cretaceous (Albian) Marginal Marine (Palynology)	
Indeterminate (Forams)	
5.4 %	.50 mD
Early Cretaceous (Albian)	
Marginal Marine (Palynology)	
Indeterminate (Forams)	

