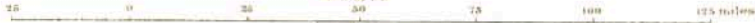


PRELIMINARY GEOLOGIC MAP OF NEBRASKA. BY N. H. DARTON

JULIUS BIEN & CO. LITH. N.Y.

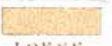
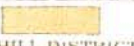
Scale



2,500,000

PLEISTOCENE

TERTIARY



ALLUVIUM
(Only the wider areas are shown.)

SAND HILL DISTRICTS
(To the southeast the sand hills lie on unclassified Tertiary formations which outcrop in some of the valleys.)

LOESS
Underlain by drift which is of glacial origin east of the line. Some higher portions of glacial drift area appear to be bare of loess.

OGALLALA FORMATION

ARIKAREE FORMATION
(Overlain by Equis beds in places)

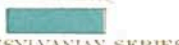
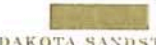
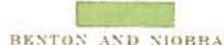
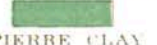
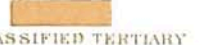
GERING FORMATION

BRULE CLAY

CHADRON FORMATION
(Titanotherium beds)

CRETACEOUS

CARBONIFEROUS



UNCLASSIFIED TERTIARY
(Mainly Arikaree and Ogallala formations or "Loop Fork")

LARAMIE FORMATION

PIERRE CLAY

BENTON AND NIOBRARA FORMATIONS

DAKOTA SANDSTONE

PERMIAN SERIES

PENNSYLVANIAN SERIES