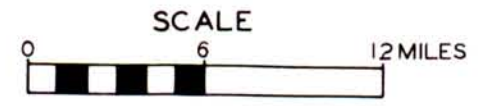
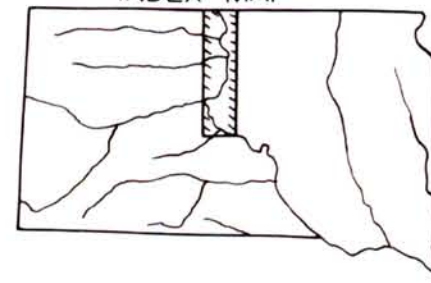


GEOLOGIC MAP OF THE MISSOURI VALLEY IN SOUTH DAKOTA

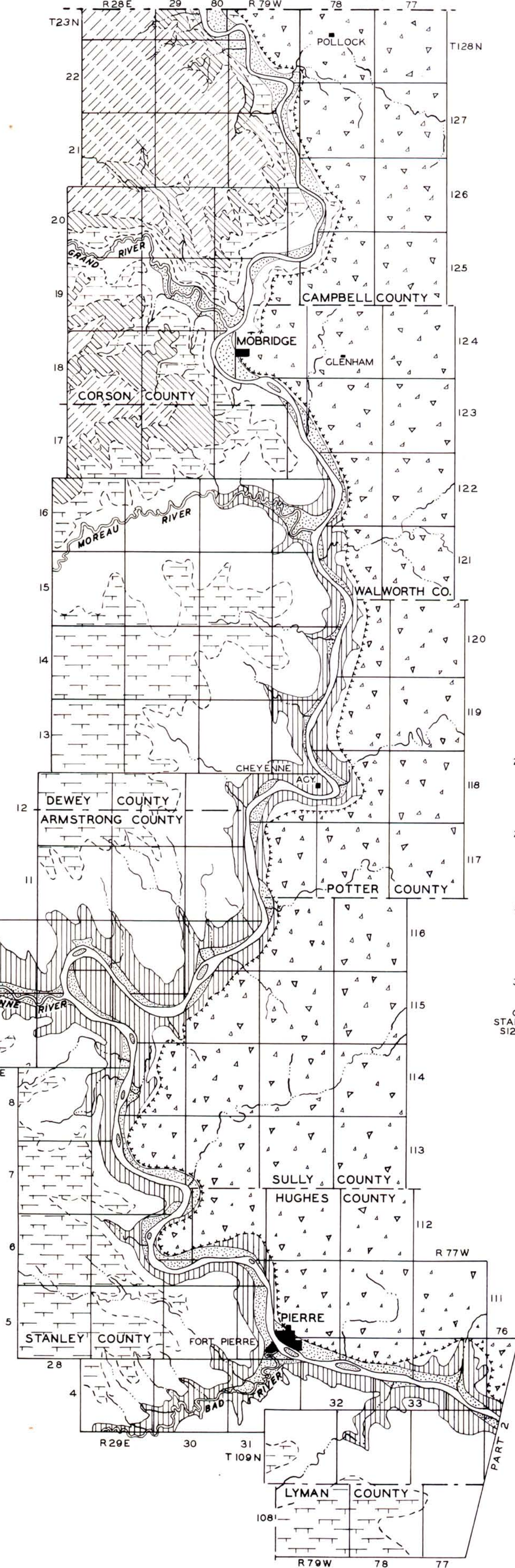


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OF 3 PARTS

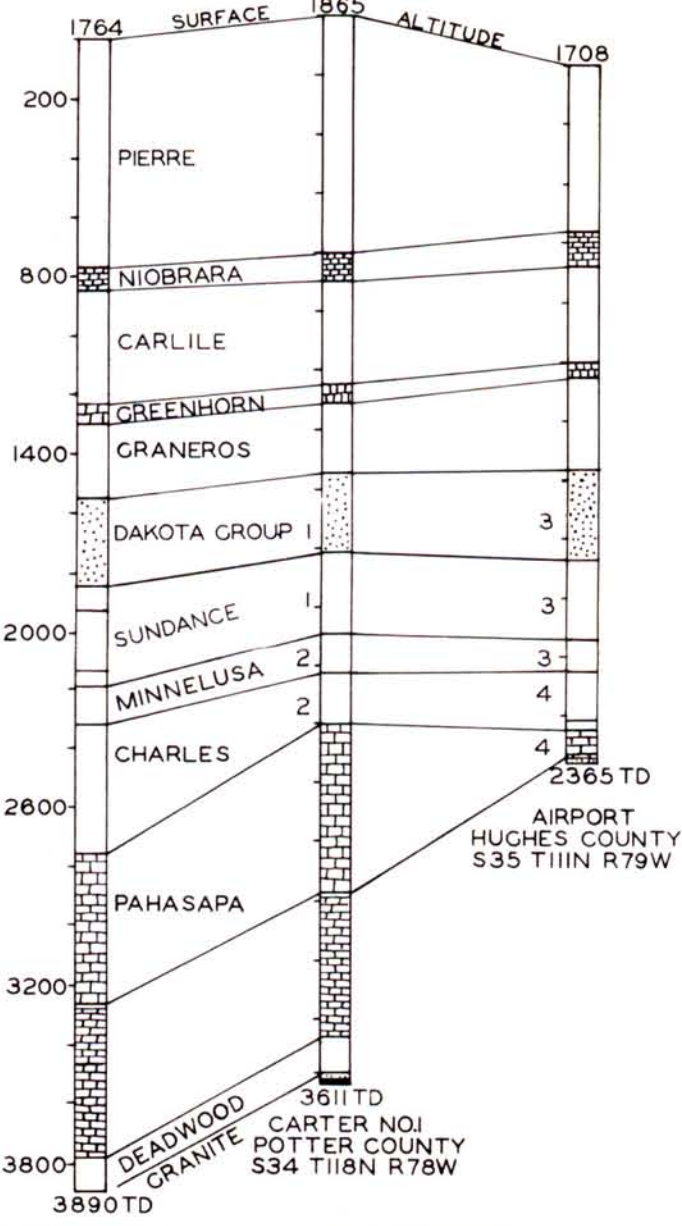
INDEX MAP



NORTH DAKOTA



SECTION OF UNDERLYING FORMATIONS



CORRELATION BY

- 1 O. A. SEAGER
- 2 L. L. SLOSS E. S. PERRY
- 3 E. W. KRAMPERT
- 4 B. C. PETSCH

LEGEND

PLEISTOCENE

ALLUVIUM

DRIFT

CRETACEOUS MONTANA GROUP

FOX HILLS

PIERRE

ELK BUTTE

MOBRIDGE

VIRGIN CREEK

SULLY

STATE GEOLOGICAL SURVEY
VERMILLION S D
1945

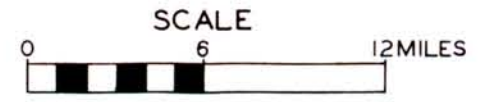
BRUNO C. PETSCH GEOLOGIST

GEOLOGIC MAP

OF THE

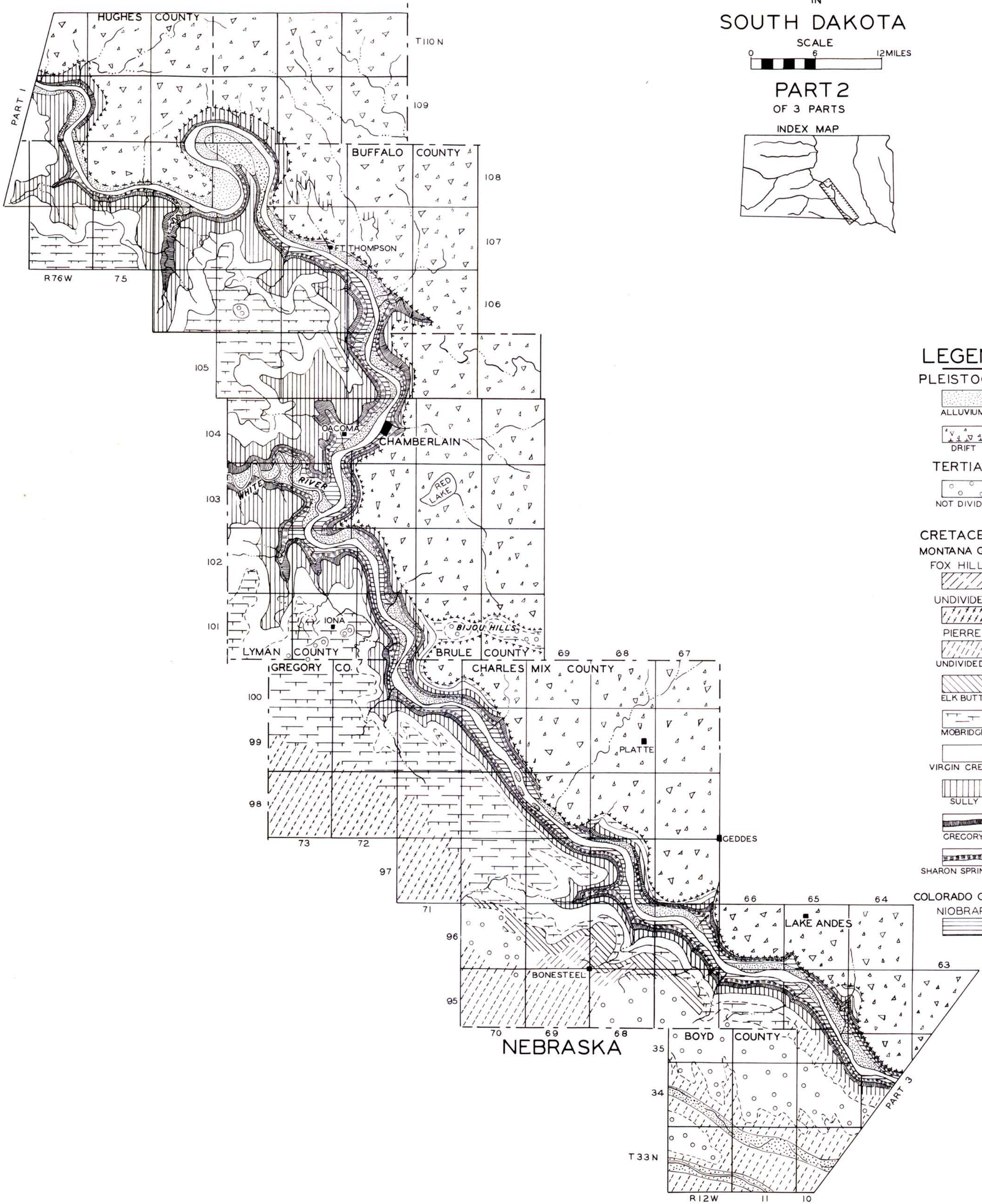
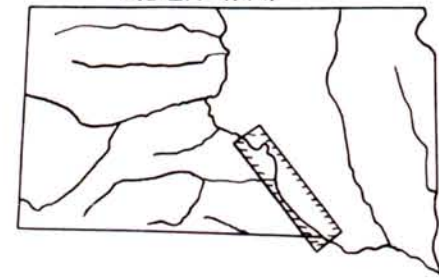
MISSOURI VALLEY

IN
SOUTH DAKOTA



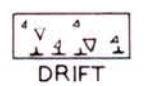
PART 2
OF 3 PARTS

INDEX MAP

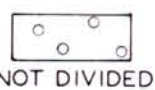


LEGEND

PLEISTOCENE



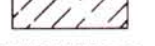
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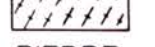
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MONTANA GROUP

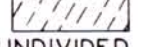
FOX HILLS



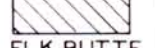
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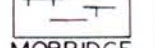
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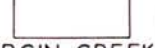
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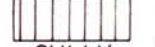
ELK BUTTE



MOBRIDGE



VIRGIN CREEK



SULLY



GREGORY



SHARON SPRINGS



COLORADO GROUP

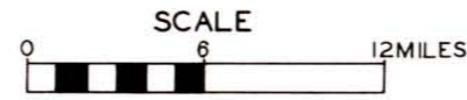
NIOBRARA



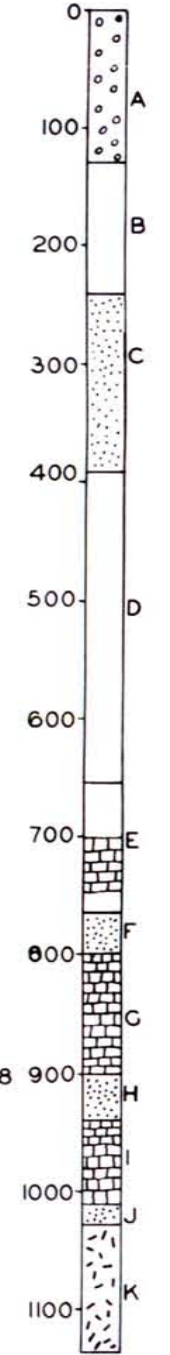
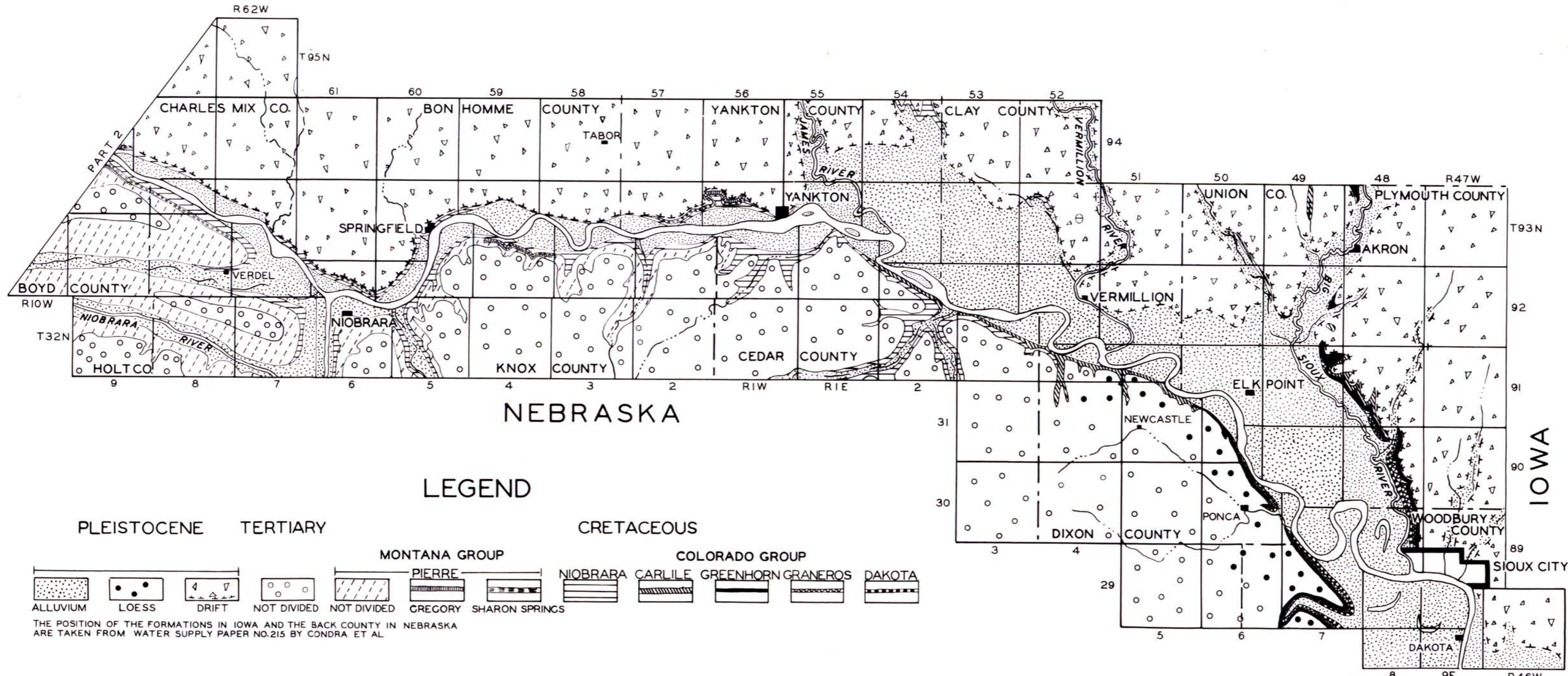
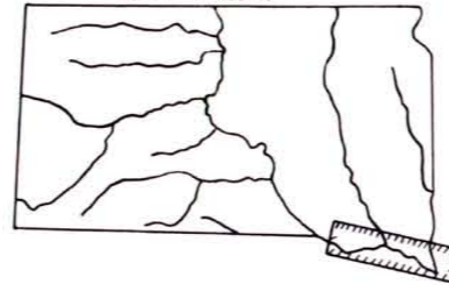
STATE GEOLOGICAL SURVEY
VERMILLION S D
1945

BRUNO C. PETSCH GEOLOGIST

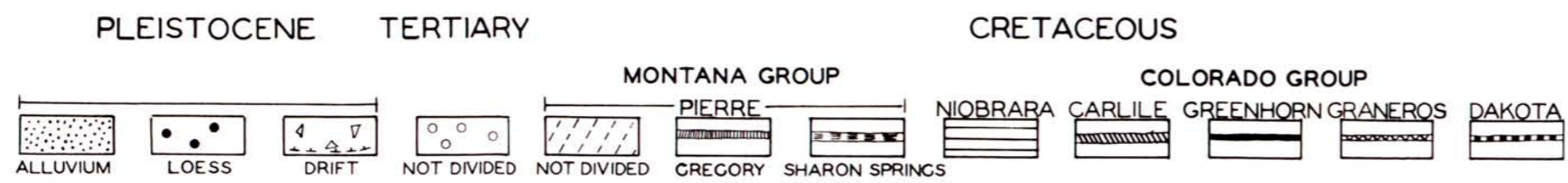
GEOLOGIC MAP OF THE MISSOURI VALLEY IN SOUTH DAKOTA



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OF 3 PARTS
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LEGEND



THE POSITION OF THE FORMATIONS IN IOWA AND THE BACK COUNTY IN NEBRASKA ARE TAKEN FROM WATER SUPPLY PAPER NO. 215 BY CONDRA ET AL.

STATE GEOLOGICAL SURVEY
VERMILLION S D
1945

BRUNO C. PETSCH GEOLOGIST

A ALLUVIUM
B SAMPLE GAP
C DAKOTA GROUP
D CONTROVERSIAL ZONE
E DECORAH-PLATTEVILLE
F ST PETER
G FRANCONIA
H CALESVILLE
I EAU CLAIRE
J LA FLEUR NO. 1
K PRE-CAMBRIAN GRANITE
LA FLEUR NO. 1
UNION COUNTY
SIB T 90N R 48W
CORRELATION BY ANTHONY FOLGER