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Sand and Gravel Deposits in Nebraska

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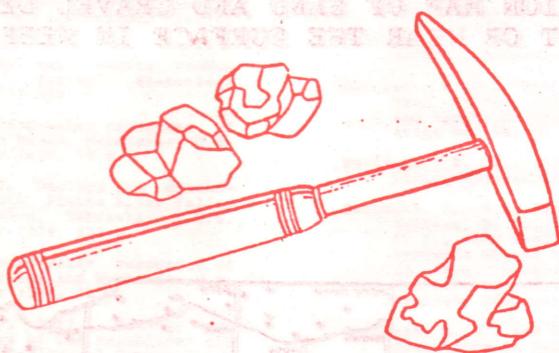
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NEBRASKA GEONOTES

SAND AND GRAVEL DEPOSITS IN NEBRASKA

Raymond R. Burchett



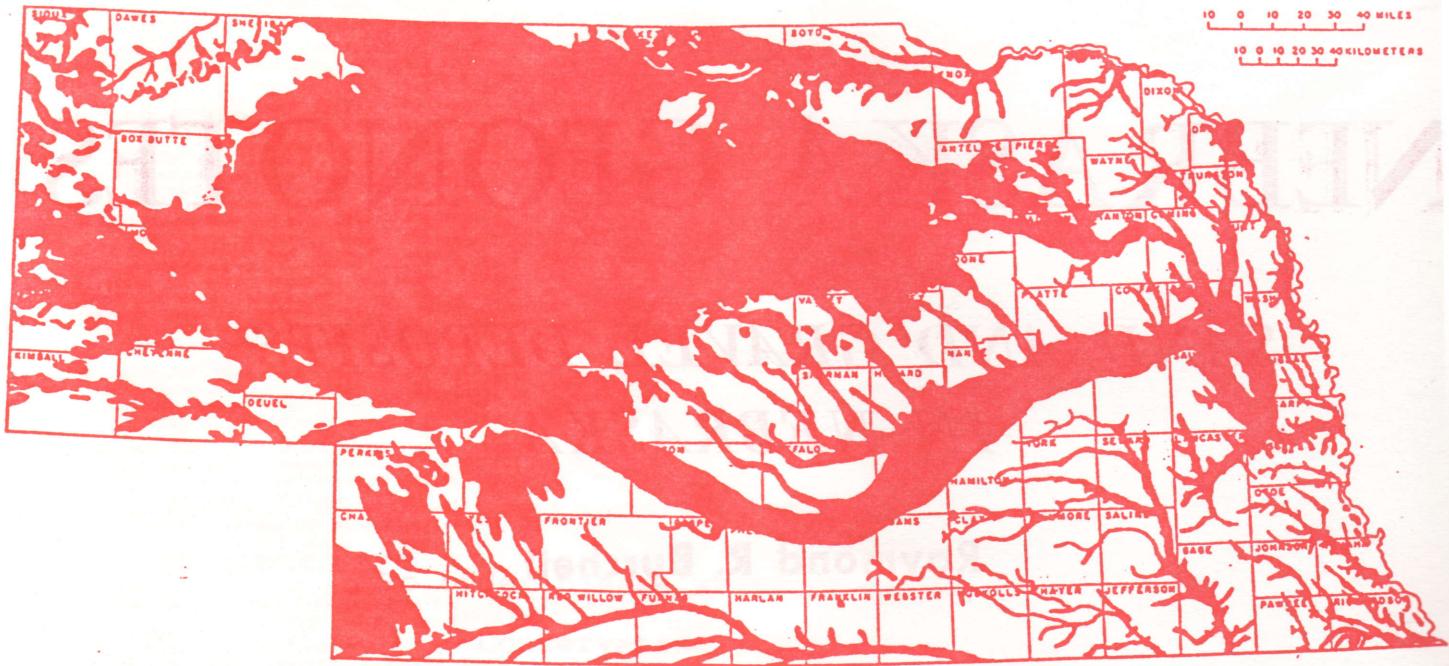
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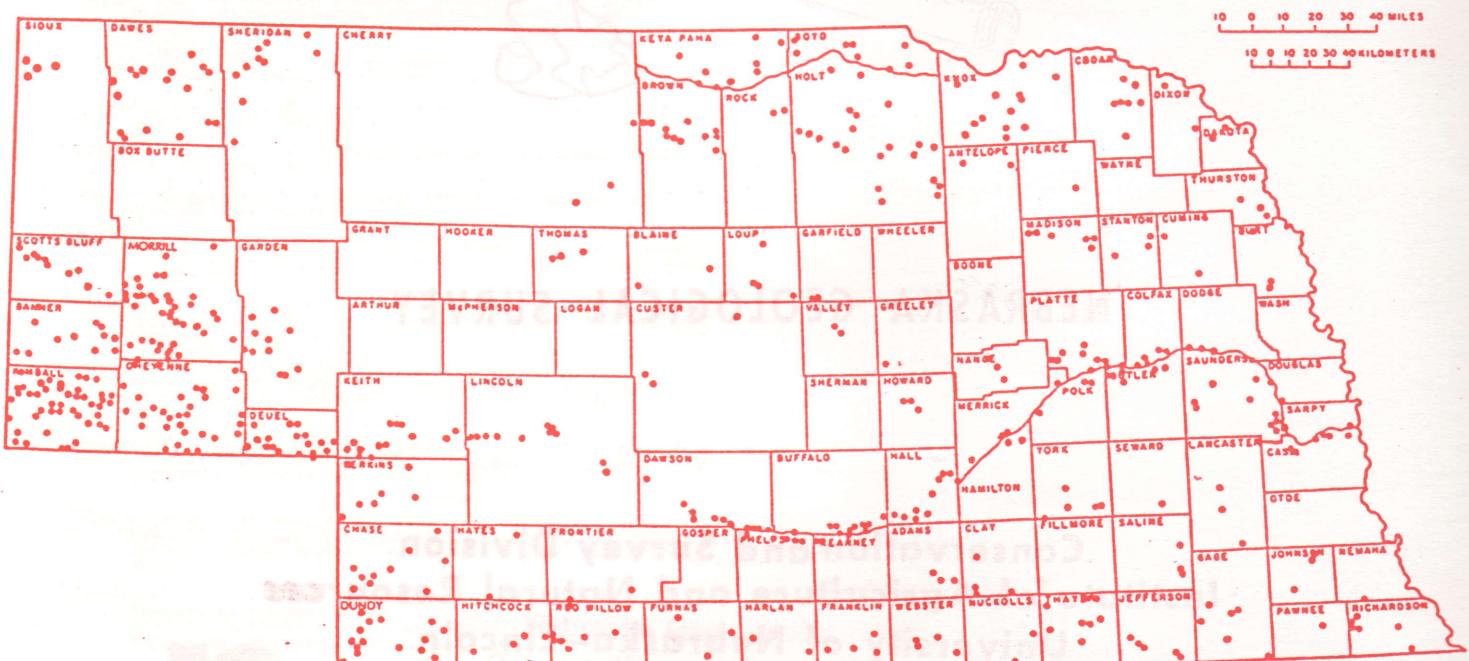


November 1990





LOCATION MAP OF SAND AND GRAVEL DEPOSITS
AT OR NEAR THE SURFACE IN NEBRASKA



LOCATION MAP OF ACTIVE SAND AND GRAVEL PITS IN NEBRASKA

SAND AND GRAVEL DEPOSITS IN NEBRASKA

Raymond R. Burchett

Sand and gravel deposits consist primarily of quartz and other mineral grains derived from disintegrating or weathering rocks. The terms sand and gravel also denote the size of particles. Sand is 1/12 of an inch in diameter (about the size of the head of a match) or less. Gravel is larger than sand and ranges in size from a head of a match to a tennis ball. Cobbles and boulders are larger yet.

Sand and gravel deposits in Nebraska are usually unconsolidated, have been transported by water, wind, or ice and are found mainly along valley floors. However, some deposits are found in uplands.

Uses of sand and gravel are mainly for construction purposes, with minor amounts sold for traction and sand blasting.

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