



Base compiled from General Land Office plats, topographic map by U.S. Geological Survey, railroad alignments, and field maps

0 1 2 3 4 5 6 MILES

MAP OF LODGEPOLE VALLEY IN KIMBALL AND CHEYENNE COUNTIES, NEBR., SHOWING GROUND-WATER CONDITIONS.

Hachures show boundaries of valley. Upland is underlain by Ogalalla formation, which generally yields water; valley contains water-bearing alluvium underlain in most places by Brule clay, which in its upper portion is fissured and generally water-bearing. In the valley the water table is generally less than 100 feet below the surface; in the area indicated by shading the water table is generally within 25 feet of the surface. Continuous line indicates permanent stream, with water table practically at surface; broken line indicates stream course that is usually dry, with water table some distance below surface.