

*The Dakota Lignite and Brick Company*, Township 155, Range 53, Section 10.—The property of this company is located one mile southeast of the Mouse River Lignite Coal Company's mine. By prospecting, the seam was found here to have a thickness of from ten to twelve feet, and to lie from 200 to 300 feet below the surface of the prairie. The entry had not yet been carried down to the lignite when the mine was visited, and for this reason samples are not at hand for analysis. The entry to the hfine is thirty feet above the seam, which is being approached along a drift, the lower end of which is now within a few feet of the lignite. Considerable difficulty was encountered here with quicksand. Figure 9 illsutrates the position of the lignite and clay seams and the nature of the entry. Development work as shown on the surface in August, 1902, is shown in plate XX. The present mine is situated sixty rods north of the old Colton mine. Between the two mine openings there is said to be a .fault that produces a difference of twenty-five feet in the elevation of the two seams. The existence of a fault at this point would be interesting, though its presence has not been demonstrated.