



FIELD NOTES

Illinois State Geological Survey

November 4, 1935
(2809.lb)

Section above strip mine just east of road. North side of Vermilion River at Klein bridge. The mine was flooded in summer of 1935 by river and has not been pumped out.

Section at northeast corner of mine

- 4' Sandstone thin bedded, micaceous, light gray, makes distinct break from shale below but it is not wavy, calcareous
- 4'6" Shale light gray, brownish, thick bed 1-3", very fossiliferous in streaks, 6" ochre band at one place seems to grade to very argillaceous limestone at another. The argillaceous limestone is distinctly separated, tan shale.
- 5-7' Shale medium bedded, blocky, not papery, large limestone concretions 6-8" thick occurs 3' above base, grades upward through mottled zone.
- 12' Shale, sandy, finely micaceous, thick parallel beds, breaks very massive, hard and blocky-like black shale, fossiliferous, gray
- 6" Coal to water level

In slumped mine entry 25' south - on East side mine

- 10' Sandstone thin bedded, light gray (as above seen)
- 5' Shale medium to thin beds, light brown gray

(continued next page)

By H.B. Willman Date 1935

Quadrangle Streator

County LaSalle Sec. 9 T 31N R 3E

h							
g							
f							
e							
d							
c							
b							
a							
	8	7	6	5	4	3	2

FIELD NOTES
Illinois State Geological Survey

See maps

(2809.3b)

August 4, 1932.

Mine entry elevation 555'±.

Shale--black, hard, flinty, exposed 5'

Coal--(2' below road level) #6? 8'

Small ravine just to west showed Gimlet sandstone float. This coal apparently #7 as in that reached by slopes and shafts on upland.

1b Section of ravine at its first eastward tributary with mouth located at terrace inner edge at 1b on north side Vermilion River. (Just east of Klein Bridge)

Beds dip west (Strike: N 40°W, 40°W.)

Till.

19. Sandstone--gray, micaceous. Numerous limonite specks, in beds 1-10" thick, 2' 10"

18. Sandstone--gray, micaceous, thin-bedded. 9"

17. Sandstone--gray, dense, tough, fine-grained, noncalcareous, limonite stained on joints. exposed 3"

Covered. 2'

Shale--light gray, sandy, micaceous. exposed 1'

15. Sandstone--gray, limonite saturated, 2-4" beds, calcareous. 1'

14. Limestone and Shale--interbedded; limestone--crystalline, gray, limonite specks. Shale--thin-bedded, yellow, thin-bedded. Slightly sandy micaceous. 2' 6"

(Continued on next page)

By B. R. Millington Date 1932

Quadrangle Streator

County LaSalle Sec. 9 T. 31N R. 3E

