

FIELD NOTES

Illinois State Geological Survey

1906 See map 4107 d5-52 (Mine O)  
Springfield Area

1010. Coal shafts in Springfield Quadrangle

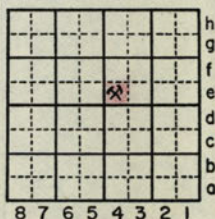
e4 Springfield Coal Mining Co. - Riverton No.2.  
Altitude base of No.5 312 feet. Shaft 238 feet.

2nd east entry off main south in 3rd south stub No.1 room. Thickness 71 inches. No persistant partings. Main cleat SE-NW in the direction of the prevailing dip. Heaviest dip eastward  $2\frac{1}{2}\%$ . Southward rises very little contrary to usual.

Study sample in car 18. Regular sample in car 5. Work in panels 29 rooms in each entry. 25 feet x 240 feet deep. Coal varies from 5' 9" to 6' 2". Fire clay 4' below which is about 14" hard rock below which is hard shale known for 16'.

Above coal  
Black slate  $2\frac{1}{2}$  - 4'  
Cap rock about 1'  
Light gray shale

Suction at air shaft - all coal shot off the solid. Coal too hard for macluies[?] Horsebacks common, no prevailing direction. Niggerheads common. About 2/3 of the coal is gotten out in this mine Riverton No.2.



By T.E. Savage Date 1906

Quadrangle Springfield

County Sangamon Sec. 10 T. 16N R. 4W

