## 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 7l 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'.

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.

			H	+			h g
				++-	*	+	e
By T.E. Savage		Date1906	#	#	+	+	c
Quadrangle_	Springfield		8 7	6 5	4 3	2 1	- "
County	Sangamon	Sec. 10	_T_	16	NR	41	<u>V_</u>

## FIELD NOTES Illinois State Geological Survey

September 23, 1929

.5d Burned Slack Pile at the northeast edge of Riverton, owned by the Peabody Coal Co. Mine No. 52.

There are two piles of hard burned coal slack which has been burned to a dense hard bricklike material. It is a bright red color.

Dimensions of the small slack pile: 200 yards by 25 yards by 25' 30,000 cubic vards.

Dimension of the larger slack pile: 300 yards by 50 yards by 80' high. 60,000 cubic yards

This material is very firm, but can be broken apart with a pick though some of it will need to be crushed. It is now being used for road bearing light traffic. No charge is made for the slack.

The mine was opened in 1893. The coal is 240' deep, and is seam No. 5 having a thickness of 5'6"-6'. Formerly employed 450 men, and hoisted 3000 tons of coal per shift. The mine has been idle 18 months and is now being put in operation. Cap rock about 21. Slate above coal 2-4'.

By\_ R.W. Brown

Date 1929

Quadrangle Springfield

Sangamon County\_\_\_

Sec. 10 T 16N R 4W