FIELD NOTES

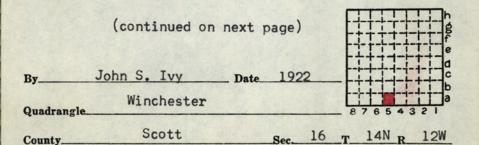
Illinois State Geological Survey

(0416.5a)

October 10, 1922

Log of air shaft of Winchester Coal Company mine which is about $l\frac{1}{2}$ miles N. and 1 mile E. of Winchester.

[14. Silt, light brown, fine (probably loess)	20 1
the state of the s	
13. Hard pan with grave!	51
12. Sandstone, light brown to grey, grades down- ward into the "soapstone" (shale)	3'
II. Shale, grey to blue, grades into the sandstone above	221
10. Limestone, flinty, dark grey	21
9. Shale, light grey "soapstone"	101
8. Limestone, flinty, dark grey	7"
7. Shale, light grey, sandy, "soapstone"	101
6. Shale, dark grey with abundant shells	101
5. Shale, black, fissile, carbonaceous, "slate"	41
4. Coal, bright with dull, "Colchester #2"	32"
	41
	21-31
unexposed, "Cheltenham Clay"	3'
	13. Hard pan with gravel 12. Sandstone, light brown to grey, grades downward into the "soapstone" (shale) 11. Shale, grey to blue, grades into the sandstone above 10. Limestone, flinty, dark grey 9. Shale, light grey "soapstone" 8. Limestone, flinty, dark grey 7. Shale, light grey, sandy, "soapstone" 6. Shale, dark grey with abundant shells "Chonetes Bed" 5. Shale, black, fissile, carbonaceous, "slate" 4. Coal, bright with dull, "Colchester #2" 3. Clay, medium grey, gritty 2. Limestone, brecciated, fragments dark grey 1. Clay, light grey to green to blue, base



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Locally horizontal but a slight Eastern dip exists.

Fossils in beds 6, 8, and 10. Abundant in bed 6.

The coal is "Colchester #2".

The coal here is hard and bright but contains sulpher in lenses and nodules which are hard to separate. These lenses and nodules occur at random in the coal.

