

GEOLOGIC MAP OF THE SEELYVILLE QUADRANGLE, INDIANA



DISTRIBUTION, STRUCTURE, AND MINED AREAS OF COALS IN THE SEELYVILLE QUADRANGLE, INDIANA

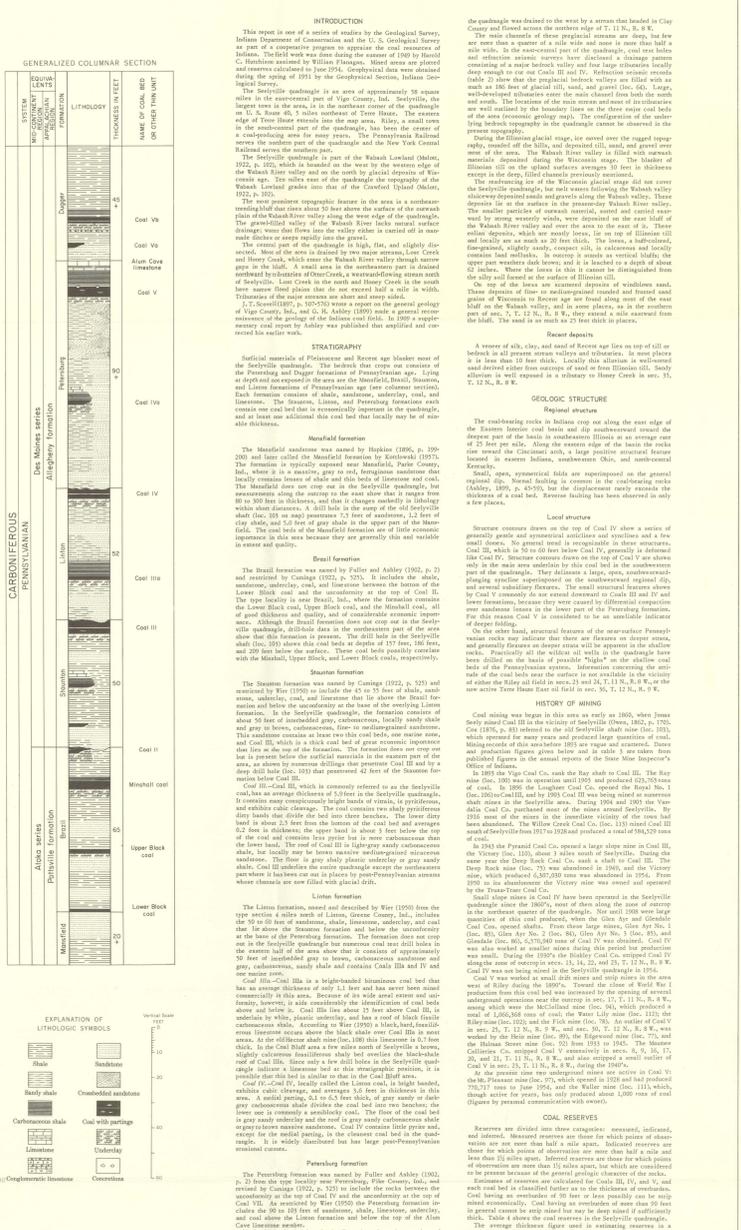
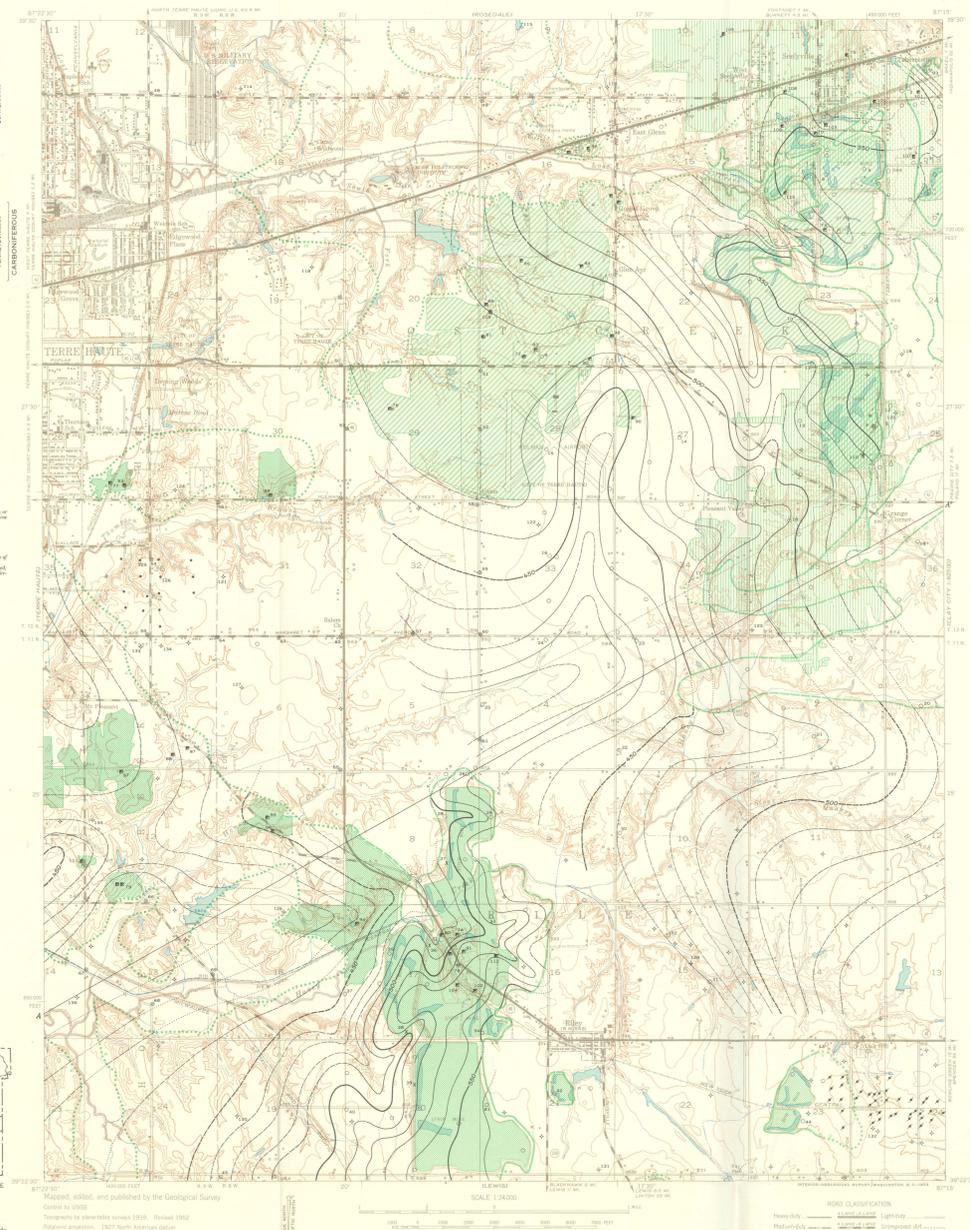


TABLE 2. THICKNESS OF SURFACE WASTE, IN FEET, DETERMINED FROM REFRACTION SEISMIC DATA.

Location	Elevation and thickness of coal beds, in feet		Source
	Top	Base	
1	112	512	SW
2	112	512	SW
3	112	512	SW
4	112	512	SW
5	112	512	SW
6	112	512	SW
7	112	512	SW
8	112	512	SW
9	112	512	SW
10	112	512	SW
11	112	512	SW
12	112	512	SW
13	112	512	SW
14	112	512	SW
15	112	512	SW
16	112	512	SW
17	112	512	SW
18	112	512	SW
19	112	512	SW
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39	112	512	SW
40	112	512	SW
41	112	512	SW
42	112	512	SW
43	112	512	SW
44	112	512	SW
45	112	512	SW
46	112	512	SW
47	112	512	SW
48	112	512	SW
49	112	512	SW
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81	112	512	SW
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83	112	512	SW
84	112	512	SW
85	112	512	SW
86	112	512	SW
87	112	512	SW
88	112	512	SW
89	112	512	SW
90	112	512	SW
91	112	512	SW
92	112	512	SW
93	112	512	SW
94	112	512	SW
95	112	512	SW
96	112	512	SW
97	112	512	SW
98	112	512	SW
99	112	512	SW
100	112	512	SW

TABLE 3. UNDERGROUND MINES

Number on map	Name of mine	Operator	Area	Tons	Surface	Elevation of top of coal	Thickness of coal	Years	Days shipped	Production	
										1914	1915
1	American Eagle	Parsons Coal Co.	14	14	14	14	14	14	14	14	14
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TABLE 4. COAL RESERVES IN THE SEELYVILLE QUADRANGLE AS OF JUNE, 1954 (in thousands of short tons)

Coal bed	Average thickness, feet	Overburden, feet	Original reserves		Reserves remaining		Total
			Area	Volume	Area	Volume	
V	3.0	0.0	6,816	48,212	1,216	7,132	55,080
IV	3.0	0.0	39,042	97,995	500	5,935	103,930
III	3.0	0.0	35,513	377,144	1,730	10,174	394,427
II	3.0	0.0	1,252	39,102	1,252	39,102	40,354
I	3.0	0.0	1,252	39,102	1,252	39,102	40,354
Total			72,713	622,360	12,450	122,683	749,043

TABLE 5. ANALYSES OF SAMPLES FROM COAL BEDS IN THE SEELYVILLE QUADRANGLE (As received basis)

Coal bed	Source of sample	Analysis					Moisture, percent
		Carbon, percent	Hydrogen, percent	Nitrogen, percent	Sulfur, percent	Calorific value, Btu per lb.	
V	...	82.1	6.1	1.2	0.5	12,500	
IV	...	81.5	6.2	1.3	0.6	12,400	
III	...	80.8	6.3	1.4	0.7	12,300	
II	...	80.1	6.4	1.5	0.8	12,200	
I	...	79.4	6.5	1.6	0.9	12,100	

TABLE 6. SELECTED OIL AND GAS TEST WELLS IN THE SEELYVILLE QUADRANGLE

Well No.	Name of well	Location	Depth, feet	Oil		Gas	
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