

County PARKE

T R

Sec

Other Survey

Quarry or Pit Core ☒ Dim Other

Name

Former Names

.....

Operator

Former Operators

COAL AND INDUSTRIAL MINERALS SECTION
INDIANA GEOLOGICAL SURVEY
DEPARTMENT OF NATURAL RESOURCES
611 NORTH WALNUT GROVE
BLOOMINGTON, INDIANA 47401

MEMORANDUM REPORTS BY:	
Name	Date
1 Prodip Dutta	
2	
3	
4	
5	
6	
7	
8	
9	
10	

REMARKS
Baysinger #1 Bedwell Reed and Able #1 Poletto

baysinger #1 puke

Baysinger #1 Bedwell
100' FSL x 350' FEL SE¼SE¼NE¼ sec. 16 T. 14 N., R. 6 W.
Parke County, Indiana
Elevation 604 feet
Drilling completed 1952
Described by Prodip Dutta

Unit	Description	Depth	Thick- ness	Sample
	St. Genevieve			
1	Carbonate, light olive gray (5Y6/1), fine grained, marly, fossiliferous with occasional pyritiferous bands and specks of pyrite.	37.0	4.1	A81-0136
2	Carbonate, light olive gray (5Y6/1), crystalline, fine to medium grained, with zones of sulphide minerals and argillaceous marly bands.	41.1	3.7	A81-0137
3.1	Carbonate, light olive gray (5Y6/1), crystalline, fine grained, with argillaceous/marly bands and nodules and bands of chert.	44.8	5.6	A81-0138-1
3.2	Carbonate, light olive gray (5Y6/1), crystalline, fine grained, with argillaceous/marly bands and nodules and bands of chert.	50.4	5.6	A81-0138-2
4.1	Carbonate, light olive gray (5Y6/1), crystalline fine to medium grained interbedded with light greenish gray (5GY8/1), fine grained, argillaceous, carbonate, fossiliferous and stylolitic.	56.0	4.5	A81-0139-1
4.2	Carbonate, light olive gray (5Y6/1), crystalline fine to medium grained interbedded with light greenish gray (5GY8/1), fine grained, argillaceous, carbonate, fossiliferous and stylolitic.	61.5	4.5	A81-139-2
4.3	Carbonate, light olive gray (5Y6/1), crystalline fine to medium grained interbedded with light greenish gray (5GY8/1), fine grained, argillaceous, carbonate, fossiliferous and stylolitic.	66.0	4.5	A81-139-3
5	Carbonate, light olive gray (5Y6/1), fine grained, lithographic stylolitic.	70.5	1.6	A81-0140
6	Carbonate, yellowish gray (5Y8/1), fine grained with chert nodules and stylolite at places.	72.1	5.8	A81-0141
7	Carbonate, medium dark gray (N4), fine grained, fossiliferous.	77.9	2.6	A81-0142
8	Carbonate, yellowish gray (5Y8/1), fine grained with chert nodules and bands, fossiliferous and stylolitic at places.	80.5	3.0	A81-0143
9.1	Carbonate, yellowish gray, (5Y8/1), crystalline medium to coarse grained interbedded with light greenish gray (5GY8/1) fine grained argillaceous carbonate, fossiliferous and stylolitic with chert bands and nodules.	83.5	4.6	A81-0144-1
9.2	Carbonate, yellowish gray, (5Y8/1), crystalline medium to coarse grained interbedded with light greenish gray (5GY8/1) fine grained argillaceous carbonate, fossiliferous and stylolitic with chert bands and nodules.	88.1	4.6	A81-0144-2

10	Carbonate, light bluish gray (5B7/1), fine grained with calcite crystals towards bottom.	92.7	1.3	A81-0145
11.1	Carbonate, light olive gray (5Y6/1), fine grained, fossiliferous, vuggy and porous with calcite crystals at places.	94.0	3.4	A81-0146-1
11.2	Carbonate, light olive gray (5Y6/1), fine grained, fossiliferous, vuggy and porous with calcite crystals at places.	97.4	3.3	A81-0146-2
12	Carbonate, yellowish gray (5Y8/1), fine grained, vuggy and porous, finely laminated at the middle.	100.7	4.0	A81-0147
	St. Louis			
13	Carbonate, bluish white (5B9/1), fine grained with greenish patches and greenish shaly bands.	104.7	1.1	A81-0148
14	Carbonate, yellowish gray (5Y8/1), fine grained.	105.8	1.2	A81-0149
15	Carbonate, white (N9), fine grained, with pinkish blue.	107.0	2.9	A81-0150
16	Shale, greenish gray (5GY6/1), calcareous.	109.9	0.6	A81-0151
17	Carbonate, bluish white (5B9/1), fine grained.	110.5	0.4	A81-0152
18	Carbonate, light olive gray (5Y4/1), fine grained, stylolitic.	110.9	0.5	A81-0153
19.1	Carbonate, white (N9), fine grained, with pinkish blue.	111.4	5.4	A81-0154-1
19.2	Carbonate, white (N9), fine grained, with pinkish blue.	116.8	5.3	A81-0154-2
20	Shale, greenish gray (5GY6/1), calcareous.	122.1	0.4	A81-0155
21	Carbonate, yellowish gray (5Y8/1), fine grained.	122.5	0.5	A81-0156
22	Carbonate, light olive gray (5Y6/1), fine grained with stylolite.	123.0	1.5	A81-0157
23	Carbonate, white (N9), fine grained, with pinkish blue.	124.5	3.0	A81-0158
24	Carbonate, light olive gray (5Y6/1), fine grained with calcite veinlets.	127.5	1.0	A81-0159
25	Carbonate, white (N9), fine grained, with pinkish blue.	128.5	0.7	A81-0160
26	Carbonate, slight greenish gray (5G8/1), fine grained with pinkish gray carbonate clasts, argillaceous.	129.0	3.4	A81-0161
27	Carbonate, pale yellowish brown (10YR6/2) to yellowish gray (5Y8/1), fine grained.	132.6	3.6	A81-0162
28	Carbonate, pinkish gray (5YR8/1), fine grained.	136.2	1.1	A81-0163
29	Carbonate, pinkish gray (5YR8/1), fine grained, argillaceous.	137.3	0.5	A81-0164
30	Carbonate, pinkish gray (5YR8/1), fine grained.	137.8	0.3	A81-0165
31	Carbonate, light greenish gray (5GY8/1) and pinkish gray (5YR8/1), intermixed, fine grained.	138.1	0.7	A81-0166

32	Carbonate, yellowish gray (5Y8/1), fine grained.	138.8	3.5	A81-0167
33	Carbonate, white (N9), fine grained with occasional calcite crystals.	142.3	1.3	A81-0168
34	Carbonate, greenish gray (5GY6/1), fine grained, argillaceous, with pinkish gray carbonate stringers and patches.	143.6	2.4	A81-0169
35	Carbonate, pale red (10YR6/2), fine grained.	146.0	1.3	A81-0170
36	Carbonate, very pale orange (10YR8/2), grades gradually towards bottom to light bluish gray (5B7/1).	147.3	2.5	A81-0171
37	Carbonate, very pale orange (10YR8/2), fine grained with calcite crystals at places.	149.8	1.3	A81-0172
38	Carbonate, light olive gray (5Y6/1), fine grained, argillaceous towards top.	151.1	2.5	A81-0173
39	Carbonate, dark yellowish brown (10YR4/2), fine grained, argillaceous at places.	153.6	4.9	A81-0174
40	Carbonate, pale yellowish brown (10YR4/2) to light olive gray (5Y6/1), fine grained.	158.5	3.5	A81-0175
41	Carbonate, mottled in shades of pinkish gray (5YR8/1) and yellowish gray (5Y8/1).	162.0	2.5	A81-0176
42	Carbonate in shades of greenish gray (5G6/1), intermixed with yellowish gray (5Y8/1), carbonate, fine grained.	164.5	3.2	A81-0177
43	Carbonate in various shades of gray, mottled at places with carbonate clasts, fine grained.	167.7	1.4	A81-0178
44	Carbonate in shades of yellowish gray (5Y7/2) and light olive gray (5Y6/1), argillaceous and stylolitic at the middle, fine grained.	169.1	4.6	A81-0179
	Salem			
45.1	Carbonate, yellowish gray (5Y8/1), fine to medium grained, sandy, stylolitic.	173.7	3.6	A81-0180-1
45.2	Carbonate, yellowish gray (5Y8/1), fine to medium grained, sandy, stylolitic.	177.3	3.7	A81-0180-2

Baysinger #1 Bedwell
 100' FSL x 350' FEL SE1/4SE1/4NE1/4 sec. 16 T. 14 N., R. 6 W.
 Parke County, Indiana
 Elevation 604 feet
 Drilling completed 1952

Described by Prodip Dutta

Core description

<u>Unit</u>	<u>Description</u>	<u>Depth (ft.)</u>	<u>Thickness (ft.)</u>	<u>Sample No.</u>
<u>St. Genevieve</u>				
1.	Carbonate, light olive gray (5Y6/1), fine grained, marly, fossiliferous with occasional pyritiferous bands and specks of pyrite.	37.0	4.1	A81-136
2.	Carbonate, light olive gray (5Y6/1), crystalline, fine to medium grained, with zones of sulphide minerals and argillaceous marly bands.	41.1	3.7	A81-137
3.	Carbonate, light olive gray (5Y6/1), crystalline, fine grained, with argillaceous/marly bands and nodules and bands of chert.	44.8	5.6	A81-138-1
		50.4	5.6	A81-138-2
4.	Carbonate, light olive gray (5Y6/1), crystalline fine to medium grained interbedded with light greenish gray (5GY8/1), fine grained, argillaceous, carbonate, fossiliferous and stylolitic.	56.0	4.5	A81-139-1
		61.5	4.5	A81-139-2
		66.0	4.5	A81-139-3
5.	Carbonate, light olive gray (5Y6/1), fine grained, lithographic stylolitic.	70.5	1.6	A81-140
6.	Carbonate, yellowish gray (5Y8/1), fine grained with chert nodules and stylolite at places.	72.1	5.8	A81-141
7.	Carbonate, medium dark gray (N4), fine grained, fossiliferous.	77.9	2.6	A81-142
8.	Carbonate, yellowish gray (5Y8/1), fine grained with chert nodules and bands, fossiliferous and stylolitic at places.	80.5	3.0	A81-143

9.	Carbonate, yellowish gray, (5Y8/1), crystalline medium to coarse grained interbedded with light greenish gray (5GY8/1) fine grained argillaceous carbonate, fossiliferous and stylolitic with chert bands and nodules.	83.5 88.1	4.6 4.6	A81-144-1 A81-144-2
10.	Carbonate, light bluish gray (5B7/1), fine grained with calcite crystals towards bottom.	92.7	1.3	A81-145
11.	Carbonate, light olive gray (5Y6/1), fine grained, fossiliferous, vuggy and porous with calcite crystals at places.	94.0 97.4	3.4 3.3	A81-146-1 A81-146-2
12.	Carbonate, yellowish gray (5Y8/1), fine grained, vuggy and porous, finely laminated at the middle.	100.7	4.0	A81-147
<u>St. Louis</u>				
13.	Carbonate, bluish white (5B9/1), fine grained with greenish patches and greenish shaly bands.	104.7	1.1	A81-148
14.	Carbonate, yellowish gray (5Y8/1), fine grained.	105.8	1.2	A81-149
15.	Carbonate, white (N9), fine grained, with pinkish blue.	107.0	2.9	A81-150
16.	Shale, greenish gray (5GY6/1), calcareous.	109.9	0.6	A81-151
17.	Carbonate, bluish white (5B9/1), fine grained.	110.5	0.4	A81-152
18.	Carbonate, light olive gray (5Y4/1), fine grained, stylolitic.	110.9	0.5	A81-153
19.	Carbonate, white (N9), fine grained, with pinkish blue.	111.4 116.8	5.4 5.3	A81-154-1 A81-154-2
20.	Shale, greenish gray (5GY6/1), calcareous.	122.1	0.4	A81-155
21.	Carbonate, yellowish gray (5Y8/1), fine grained.	122.5	0.5	A81-156
22.	Carbonate, light olive gray (5Y6/1), fine grained with stylolite.	123.0	1.5	A81-157

23.	Carbonate, white (N9), fine grained, with pinkish blue.	124.5	3.0	A81-158
24.	Carbonate, light olive gray (5Y6/1), fine grained with calcite veinlets.	127.5	1.0	A81-159
25.	Carbonate, white (N9), fine grained, with pinkish blue.	128.5	0.7	A81-160
26.	Carbonate, light greenish gray (5G8/1), fine grained with pinkish gray carbonate clasts, argillaceous.	129.2	3.4	A81-161
27.	Carbonate, pale yellowish brown (10YR6/2) to yellowish gray (5Y8/1), fine grained.	132.6	3.6	A81-162
28.	Carbonate, pinkish gray (5YR8/1), fine grained.	136.2	1.1	A81-163
29.	Carbonate, pinkish gray (5YR8/1), fine grained, argillaceous.	137.3	0.5	A81-164
30.	Carbonate, pinkish gray (5YR8/1), fine grained.	137.8	0.3	A81-165
31.	Carbonate, light greenish gray (5GY8/1) and pinkish gray (5YR8/1), intermixed, fine grained.	138.1	0.7	A81-166
32.	Carbonate, yellowish gray (5Y8/1), fine grained.	138.8	3.5	A81-167
33.	Carbonate, white (N9), fine grained with occasional calcite crystals.	142.3	1.3	A81-168
34.	Carbonate, greenish gray (5GY6/1), fine grained, argillaceous, with pinkish gray carbonate stringers and patches.	143.6	2.4	A81-169
35.	Carbonate, pale red (10YR6/2), fine grained.	146.0	1.3	A81-170
36.	Carbonate, very pale orange (10YR8/2), grades gradually towards bottom to light bluish gray (5B7/1).	147.3	2.5	A81-171
37.	Carbonate, very pale orange (10YR8/2), fine grained with calcite crystals at places.	149.8	1.3	A81-172

38.	Carbonate, light olive gray (5Y6/1), fine grained, argillaceous towards top.	151.1	2.5	A81-173
39.	Carbonate, dark yellowish brown (10YR4/2), fine grained, argillaceous at places.	153.6	4.9	A81-174
40.	Carbonate, pale yellowish brown (10YR4/2) to light olive gray (5Y6/1), fine grained.	158.5	3.5	A81-175
41.	Carbonate, mottled in shades of pinkish gray (5YR8/1) and yellowish gray (5Y8/1).	162.0	2.5	A81-176
42.	Carbonate in shades of greenish gray (5G6/1), intermixed with yellowish gray (5Y8/1), carbonate, fine grained.	164.5	3.2	A81-177
43.	Carbonate in various shades of gray, mottled at places with carbonate clasts, fine grained.	167.7	1.4	A81-178
44.	Carbonate in shades of yellowish gray (5Y7/2) and light olive gray (5Y6/1), argillaceous and stylolitic at the middle, fine grained.	169.1	4.6	A81-179
<u>Salem</u>				
45.	Carbonate, yellowish gray (5Y8/1), fine to medium grained, sandy, stylolitic.	173.7	3.6	A81-180-1
		177.3	3.7	A81-180-2

Reed and Able #1 Foletto
 660' FSL x 330' FWL SW¹/₄NW¹/₄ sec. 4, T. 16 N., R. 8 W.
 Parke County, Indiana
 Elevation 491 feet
 Drilling completed November 25, 1953

Described by Prodip Dutta

Core description

<u>Unit</u>	<u>Description</u>	<u>Depth</u> <u>(ft)</u>	<u>Thickness</u> <u>(ft)</u>	<u>Sample</u> <u>No.</u>
<u>Devonian limestone</u>				
1.	Carbonate, light gray (N7), medium to coarse grained, crystalline, fossiliferous, stylolitic.	1043.0	3.5	A81-461
2.	Carbonate, very light gray (N8) to white (N9), medium to coarse grained, crystalline, fossiliferous, stylolitic.	1046.5	6.0	A81-462
3.	Carbonate, light gray (N7), fine grained, with shale laminations, fossiliferous.	1052.5 1056.8	4.3 4.2	A81-463-1 A81-463-2

readable parker

Reed and Able #1 Poletto
660' FSL x 330' FWL SW¼NW¼ sec. 4, T. 16 N., R. 8 W.
Parke County
Elevation 491 feet
Drilling completed November 25, 1953
Described by Prodip Dutta

Unit	Description	Depth	Thick- ness	Sample
	Devonian limestone			
1	Carbonate, light gray (N7), medium to coarse grained, crystalline, fossiliferous, stylolitic.	1043.0	3.5	A81-0461
2	Carbonate, very light gray (N8) to white (N9), medium to coarse grained, crystalline, fossiliferous, stylolitic.	1046.5	6.0	A81-0462
3.1	Carbonate, light gray (N7), fine grained, with shale laminations, fossiliferous.	1052.5	4.3	A81-0463-1
3.2	Carbonate, light gray (N7), fine grained, with shale laminations, fossiliferous.			A81-0463-2