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LOCALITY REGISTER AND DESCRIPTION OF CORE SAMPLES FROM THE TRADEWATER AND CARBONDALE FORMATIONS, WESTERN KENTUCKY COAL FIELD (SET NO. 1)

USGS drill hole No.	Locality description
2	Owensboro, Ky., office of the U.S. Geological Survey drill hole No. 2: R. Yewell Farm, about 1 mile east of U.S. Highway 231, 1 mile southeast of Owensboro. Kentucky coordinate 6-0-30, 290 feet from north line, 950 feet from the east line, Southerland quadrangle, Daviess County, Ky.
3	Owensboro, Ky., office of the U.S. Geological Survey drill hole No. 3: Nannie Bell Camp Farm, on south side of Kentucky Highway 144, about 3/4 mile west of Ensor. Kentucky coordinate 15-P-31, 1,960 feet from south line, 1,300 feet from west line, Maceo quadrangle, Daviess County, Ky.
4	Owensboro, Ky., office of the U.S. Geological Survey drill hole No. 4: Mrs. Basehart Farm, about 3.2 miles east of Owensboro Eastern Junior High School. Kentucky coordinate 19-P-30, 200 feet from south line, 1,950 feet from west line, Owensboro East quadrangle, Daviess County, Ky.
5	Owensboro, Ky., office of the U.S. Geological Survey drill hole No. 5: Adrian Bell Farm, about 1 mile southwest of Masonville School. Kentucky coordinate 25-0-30, 1,100 feet from north line, 1,300 feet from east line, Southerland quadrangle, Daviess County, Ky.

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Sample No.	Depth (feet)	Stratigraphic unit (After R. H. Calvert, written communication, 1964)
	USGS drill hole No. 2	
D114019	47.6-47.9	Black shale above No. 8 coal
20	48.2-48.7	Do.
21	-49.0	Do.
22	-49.4	Do.
23	90.7-91.2	Black shale above "Schultztown" coal
24	-92.6	Do.
25	-93.1	Do.
26	-93.6	Do.
27	-94.1	Do.
28	-94.6	Do.
29	-95.1	Do.
30	-95.6	Do.
31	121.7-122.1	Black shale above No. 7 coal
32	127.8-128.2	Do.
33	-128.6	Do.
34	-129.1	Do.
35	-129.5	Do.
36	-129.9	Do.
37	-130.3	Do.
38	186.7-187.1	Black shale above No. 6 coal
39	187.2-187.8	Do.
40	-188.2	Do.
41	-188.7	Do.
42	-189.2	Do.
43	-189.7	Do.
44	-190.2	Do.
45	-190.7	Do.
46	-191.2	Do.
47	191.6-192.0	Do.
	USGS drill hole No. 3	
48	31.7-32.2	Black shale above No. 7 coal
49	95.0-95.3	Black shale above No. 6 coal
50	95.9-96.0	Do.
51	99.0-99.5	Do.
52	-99.9	Do.
53	129.5-129.6	Black shale above No. 5 coal
54	139.9-140.5	Black shale within No. 5 coal
55	-141.0	Do.
56	-141.5	Do.
57	-142.0	Do.
58	-142.5	Do.
59	-143.1	Do.
60	150.7-151.0	Do.
	USGS drill hole No. 4	
61	46.4-46.9	Black shale above No. 7 coal
62	102.0-102.5	Black shale above No. 6 coal
63	-103.0	Do.
64	-103.5	Do.
65	-104.0	Do.
66	140.0-140.5	Black shale above upper bench No. 5 coal
67	155.1-155.6	Black shale below lower bench No. 5 coal
68	-156.1	Do.
69	-156.6	Do.
70	-157.1	Do.
71	-157.6	Do.
72	-158.1	Do.
73	-158.6	Do.
74	-159.1	Do.
75	-159.6	Do.
76	-160.1	Do.
	USGS drill hole No. 5	
77	36.2-36.5	Black shale above "Schultztown" coal
78	38.2-38.5	Do.
79	39.8-40.1	Do.
80	71.6-71.9	Black shale above No. 7 coal
81	-72.4	Do.
82	-72.9	Do.
83	-73.4	Do.
D114084	-73.8	Do.