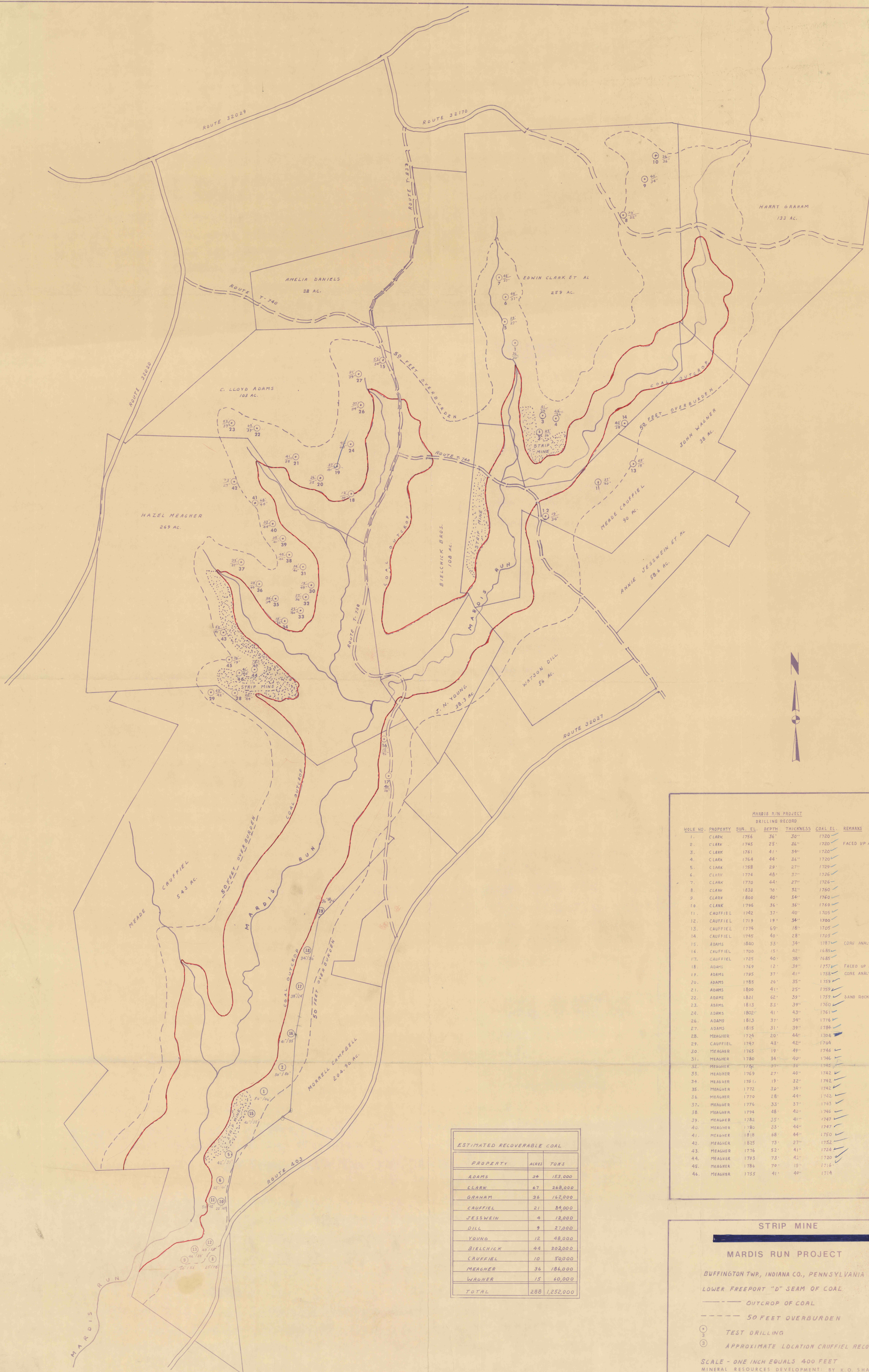




ESTIMATED RECOVERABLE COAL		
PROPERTY	ACRES	TONS
ADAMS	34	153,000
CLARK	47	268,000
GRAHAM	36	162,000
CAUFFIEL	21	84,000
JESSWEIN	4	18,000
DILL	9	27,000
YOUNG	12	48,000
BIELCHICK	44	202,000
CAUFFIEL	10	50,000
MEAGHER	36	186,000
WAGNER	15	60,000
TOTAL	288	1,252,000

MARDIS RUN PROJECT						
HOLE NO.	PROPERTY	SUR. EL.	DEPTH	THICKNESS	COAL EL.	REMARKS
1.	CLARK	1754	36'	30"	1720	
2.	CLARK	1745	25'	36"	1720	FACED UP ANAL.
3.	CLARK	1741	41'	34"	1720	
4.	CLARK	1764	44'	34"	1720	
5.	CLARK	1758	29'	27"	1729	
6.	CLARK	1774	45'	37"	1726	
7.	CLARK	1770	44'	27"	1726	
8.	CLARK	1830	70'	52"	1760	
9.	CLARK	1800	40'	54"	1760	
10.	CLARK	1795	36'	36"	1760	
11.	CAUFFIEL	1742	37'	40"	1705	
12.	CAUFFIEL	1719	19'	54"	1700	
13.	CAUFFIEL	1774	59'	18"	1705	
14.	CAUFFIEL	1749	40'	28"	1705	
15.	ADAMS	1820	33'	39"	1787	CORP. ANALYSIS
16.	CAUFFIEL	1700	75'	42"	1685	
17.	CAUFFIEL	1725	40'	38"	1685	
18.	ADAMS	1769	12'	39"	1757	FACED UP ANAL.
19.	ADAMS	1795	37'	41"	1758	CORP. ANALYSIS
20.	ADAMS	1785	26'	35"	1757	
21.	ADAMS	1800	41'	25"	1759	
22.	ADAMS	1821	62'	39"	1757	SAND ROCK
23.	ADAMS	1813	53'	39"	1760	
24.	ADAMS	1802	41'	43"	1761	
25.	ADAMS	1812	37'	34"	1761	
26.	ADAMS	1815	31'	39"	1784	
27.	ADAMS	1815	31'	39"	1784	
28.	MEAGHER	1724	20'	44"	1704	
29.	CAUFFIEL	1747	43'	42"	1704	
30.	MEAGHER	1765	19'	40"	1746	
31.	MEAGHER	1780	34'	40"	1746	
32.	MEAGHER	1752	37'	36"	1746	
33.	MEAGHER	1769	27'	40"	1742	
34.	MEAGHER	1761	19'	32"	1742	
35.	MEAGHER	1772	30'	34"	1742	
36.	MEAGHER	1770	28'	44"	1742	
37.	MEAGHER	1776	33'	37"	1743	
38.	MEAGHER	1794	48'	42"	1746	
39.	MEAGHER	1782	35'	41"	1747	
40.	MEAGHER	1780	33'	44"	1747	
41.	MEAGHER	1818	68'	44"	1750	
42.	MEAGHER	1825	73'	27"	1752	
43.	MEAGHER	1776	52'	41"	1724	
44.	MEAGHER	1793	73'	42"	1720	
45.	MEAGHER	1784	70'	18"	1716	
46.	MEAGHER	1755	41'	40"	1714	

STRIP MINE

MARDIS RUN PROJECT

BUFFINGTON TWP, INDIANA CO., PENNSYLVANIA

LOWER FREEPORT "D" SEAM OF COAL

OUTCROP OF COAL

50 FEET OVERBURDEN

TEST DRILLING

APPROXIMATE LOCATION CAUFFIEL RECORD

SCALE - ONE INCH EQUALS 400 FEET

MINERAL RESOURCES DEVELOPMENT BY K.O. SHANER

11/8/73