

**KEY TO MINERAL OWNERSHIP**

- (1) PBS Coal, Inc.
- (2) Douglas Hillegass
- (3) Emma Carver
- (4) Nathaniel Barbera
- (5) Millard Lowry
- (6) Penn Pocahontas Coal Company
- (7) Nevin Hillegass
- (8) Gladys Brant
- (9) Dorothy Mostoller
- (10) Emmett Dupstadt
- (11) Merle Snyder
- (12) Pontefield Land & Mining Co.
- (13) Pennsylvania Turnpike Commission
- (14) Hillegass Heirs
- (15) Barry Long

\* Lease Agreements Have Not Been Obtained To Mine The L.K. Seam For This Property

**SURFACE PROPERTY INDEX**

1. RoxCOAL, Inc. (2)
2. Dorothy Mostoller (1)
3. Patrick Bart (1)
4. Raymond Charlton (1)
5. Todd Pruitts (1)
6. Tommy Croner (1)
7. Dale Smith (1)
8. David Wisar (1)
9. Bradley Airman (1)
10. Donald Bailey (1)
11. Emma Carver (1)
12. Daryl Gindlesperger (1)
13. Jay Kimmel (1)
14. Donald Landis (1)
15. Roxbury Trinity Evangelical and Reformed Church (1)
16. Robert Zeigler (1)
17. Rodney & Sarah Reedy (1)
18. Gregory Kimmel (1)
19. Evelyn Meringer (1)
20. Robert McCracken (1)
21. David Wisar (1)
22. Deborah Custer (1)
23. William Hassell (1)
24. Deborah Custer (1)
25. Geraldin Hillegass (1)
70. Stephen Snyder (1)
72. Charles Burk, Jr. (1)
73. Samuel Erny, Jr. (1)
74. Samuel Erny, Jr. (1)
75. Gary Miller (1)
76. Ronald Persuhn (1)
77. Robert Miller (1)
78. Richard Foor (1)
79. Edward Haselbarth (1)
80. Navin Mitchell (1)
81. William Day, Jr. (1)
82. Michael Oaks (1)
83. Ronald Pruitts (1)
84. Daniel Weigley (1)
87. John Carver (1)
89. Hawkview Mining Corp. (1)
100. Joel Elder (1)
101. Jay Buratt (1)
102. Glendon Hillegass, et al (1)
124. Brenda & David Snook (1)
125. Robert L. Gessner (1)
139. Tommy & T. Richard Croner (1)

**LOWER KITTANNING PROPOSED MINING FORECAST**

The following Sub-area Forecast represents Development Mining. Retreat Mining may overlap previously developed areas.

- ① First Year
- ② Second Year
- ③ Third Year
- ④ Fourth Year
- ⑤ Fifth Year
- ⑥ Sixth thru Tenth Years
- ⑦ Eleventh thru Fifteenth Years

**MUNICIPAL AUTHORITY OF BOROUGHS OF BERLIN**

Previously Strip Mined Area  
Seam(s) Mined: U.K.  
Permittee - Emmett P. Dupstadt  
Permit No. - Unknown  
Status - Inactive

DRILL HOLE DATA						
DH	Surface Elev.	Upper Kittanning	Thk. in.	Lower Kittanning	Thk. in.	SWL
RDH-1	2377	---	---	2308.6	103	---
RDH-2	2366	---	---	2304.1	96	2341
RDH-3	2363	---	---	2338	75	---
RDH-4	2375	---	---	---	---	---
A	2289.58	---	---	---	---	---
B	2374.54	---	---	2248.54	74	---
OH-C	2344.20	---	---	---	---	---
GH-2	2339	2145.4	80	2073.5	81	---
GH-3	2299	2037.7	42	1967.5	30	Artesian
GH-6	2308	2012.4	54.5	1938.3	70	---
GH-7	2361	2186	49	---	---	---
GH-8	2306	2185.3	66	Wash Out	---	---
GH-9	2367	2216.9	96	2146.2	67	---
GH-10	2324	2074	80	---	---	---
GH-13	2363	2120	66	---	---	---
279	2330	2078.6	38	1972.7	78	---
281	2260	1864.3	28	1478.50	33	---
W-2	2273	2219.0	41	2132.0	19	---
DD-1	2428.56	2004.96	40	1918.6	81	---
JF-1	2355.93	2009.73	36	1829.23	72	---
JF-2	2367.98	1910.38	51	1823.18	36	---
JF-3	2360	Wash Out	---	1846.3	87	---
FC-1	2315	1807.3	56	1715.6	98	---
FC-2	2291	1879.9	37	1775.5	60	---
FC-3	2303	1863.8	63	1791.4	91	---
ML-1	2300	1658.6	31	1666.0	52	---
TC-1	2338.12	1645.92	37	1564.72	40	---
9204	2388	2322	48	2245	36	---
9206	2433	---	---	2341	50	---
9222	2384	2325	50	2233	20	Covered
P9504	2406	---	---	2326	99	Covered
P9507	2416	---	---	2361	79	2355
P9508	2406	---	---	2351	66	DRY
P9509	2413	2403	29	2319	88	2342

Static Water Level Not Measured Unless Noted

Previously Strip Mined Area  
Seam(s) Mined: U.K. and L.K.  
Permittee: Emmett P. Dupstadt  
Permit No. 336685M03  
Status: Inactive

Scurfield Coal Co. Deep Mine  
PERMIT: Unknown  
U.K. Coal Seam  
Status: Abandoned  
Approx. 1960  
Not Sealed, No Discharge  
Static Water Level: Unknown

Carver Deep Mine  
PERMIT: Unknown  
U.K. Coal Seam  
Status: Abandoned  
Not Sealed

Previously Strip Mined Area  
Seam(s) Mined: U.K.  
Permittee - Emmett P. Dupstadt  
Permit No. - Unknown  
Status - Inactive

RoxCoal Inc.  
Barbara No 1 Mine  
Permit No. C.M.A.P. 86801303  
Seam(s) Mined: U.K.  
Status: Active

**LEGEND**

- SURFACE PROPERTY LINES
- STREAMS
- LAKES, PONDS OR IMPOUNDMENTS
- MARSHY AREAS
- ROADS
- DWELLINGS Built before 4-27-66
- BARN, GARAGES, SHEDS, or OTHER BLDG'S.
- CEMETERIES
- PRIVATE WATER SOURCES: WELLS, SPRINGS
- ELECTRIC LINES (Overhead)
- U.K. PERMIT and SUBSIDENCE CONTROL PLAN BOUNDARY
- EXISTING L.K. PERMIT and SUBSIDENCE CONTROL PLAN BOUNDARY
- DRILL HOLES
- DEEP MINE WORKING
- STRIP MINED AREAS
- UPPER KITTANNING COAL CONTOUR
- LOWER KITTANNING COAL CONTOUR
- 30° ANGLE OF DRAW LINE

MAP IS FOR Module 22.4 - Subsidence Control Plan Map

**RoxCOAL, INC.**

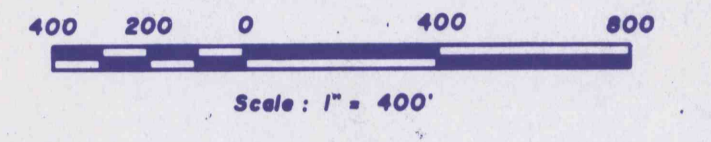
BARBARA NO.2 MINE  
LOWER KITTANNING SEAM

Stonycreek & Brothersvalley Townships  
Somerset County, PA

Scale: 1" = 400'

MEI R. D. I., Box 463, Central City, PA 15926  
(814) 754-8477

Musser Engineering, Inc.



MAP SUBMITTED FOR

BARBARA NO.1 (U.K. Seam)  
BARBARA NO.2 (L.K. Seam)

