

KEY TO MINERAL OWNERSHIP

- (1) P & S Coals, Inc.
- (2) Douglas Hillegass
- (3) Emma Carver
- (4) Nathaniel Barbera
- (5) Millard Lowry
- (6) Penna Pachonata Coal Company
- (7) Navin Hillegass
- (8) Gladys Brant
- (9) Dorothy Mostoller
- (10) Emmett Dupstadt
- (11) Merle Snyder
- (12) Penfold 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. (12)
2. Dorothy Mostoller (12)
3. Patrick Bart (12)
4. Raymond Charlton (12)
5. Todd Pruitt (12)
6. Tommy Croner (12)
7. Dale Smith (12)
8. David Wiser (12)
9. Bradley Airman (12)
10. Donald Ballew (12)
11. Emma Carver (12)
12. Daryl Gindlesperger (12)
13. Jay Kimmel (12)
14. Donald Landis (12)
15. Rosbury Trinity Evangelical and Reformed Church (12)
16. Robert Zeigler (12)
17. Rodney & Sarah Reedy (12)
18. Gregory Kimmel (12)
19. Evelyn Meringer (12)
20. Robert McCracken (12)
21. David Wiser (12)
22. Deborah Custer (12)
23. William Hassel (12)
24. Deborah Custer (12)
25. Gerald Hillegass (12)
26. Stephen Snyder (12)
27. Charles Burk, Jr. (12)
28. Samuel Enry, Jr. (12)
29. Samuel Enry, Jr. (12)
30. Gary Miller (12)
31. Ronald Persuhn (12)
32. Robert Miller (12)
33. Richard Foor (12)
34. Edward Habelbarth (12)
35. Navin Mitchell (12)
36. William Day, Jr. (12)
37. Michael Oaks (12)
38. Ronald Pruitt (12)
39. Daniel Welgley (12)
40. John Carver (12)
41. Hawkview Mining Corp. (12)
42. Jodi Elder (12)
43. Jay Burdette (12)
44. Glendon Hillegass, et al (12)
45. Brenda & David Snook (12)
46. Robert L. Gessner (12)
47. Tommy & T. Richard Croner (12)

LOWER KITTANNING PROPOSED MINING FORECAST
The following Sub-area Forecast represents Development Mining. Retreat Mining may overlap previously developed areas.

First Year
Second Year
Third Year
Fourth Year
Fifth Year
Sixth Year
Seventh Year
Eighth Year
Ninth Year
Tenth Year
Eleventh Year
Twelfth Year

MUNICIPAL AUTHORITY OF BOROUGH OF BERLIN (12)

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

DRILL HOLE DATA						
DH	Surface Elev.	Upper Killing	Thk. In.	Lower Killing	Thk. In.	SWL
RDM-1	2377	—	—	2308.8	103	—
RDM-2	2366	—	—	2304.1	96	2341
RDM-3	2363	—	—	2338	70	—
RDM-4	2375	—	—	—	—	—
A	2289.96	—	—	—	—	—
B	2378.1	—	—	2312	72	—
OB-C	2344.54	—	—	2248.54	74	—
GH-2	2339	2145.4	60	2073.5	61	—
GH-3	2259	2037.7	42	1867.5	30	Artesian
GH-6	2308	2012.4	54.5	1938.3	40	—
GH-2	2361	2166	49	—	—	—
GH-8	2356	2185.3	66	Wash Out	—	—
GH-9	2367	2216.9	90	2146.2	67	—
GH-10	2334	2074	60	—	—	—
GH-13	2363	2130	66	—	—	—
W-2	2330	2079.6	36	1872.7	78	—
W-2	2273	2219.0	41	2132.0	19	—
DD-1	2429.56	2004.96	40	1919.6	81	—
JP-1	2335.93	2009.73	36	1899.53	72	—
JP-2	2367.98	1910.36	51	1823.6	34	—
JP-3	2360	Wash Out	—	1846.5	67	—
FC-1	2315	1807.3	56	1715.6	58	—
FC-2	2291	1879.9	37	1775.5	60	—
FC-3	2303	1863.8	63	1781.4	91.6	—
ML-1	2300	1698.6	31	1566.0	52	—
TC-1	2338.12	1648.92	37	1558.72	40	—
9204	2368	2322	48	2245	36	—
9206	2433	—	—	2341	50	—
9222	2384	2325	50	2233	20	Caved
P3504	2406	—	—	2326	99	Caved
P3507	2416	—	—	2361	79	2355
P3508	2406	—	—	2331	66	DRY
P3509	2413	2403	29	2319	88	2342

Static Water Level Not Measured Unless Noted

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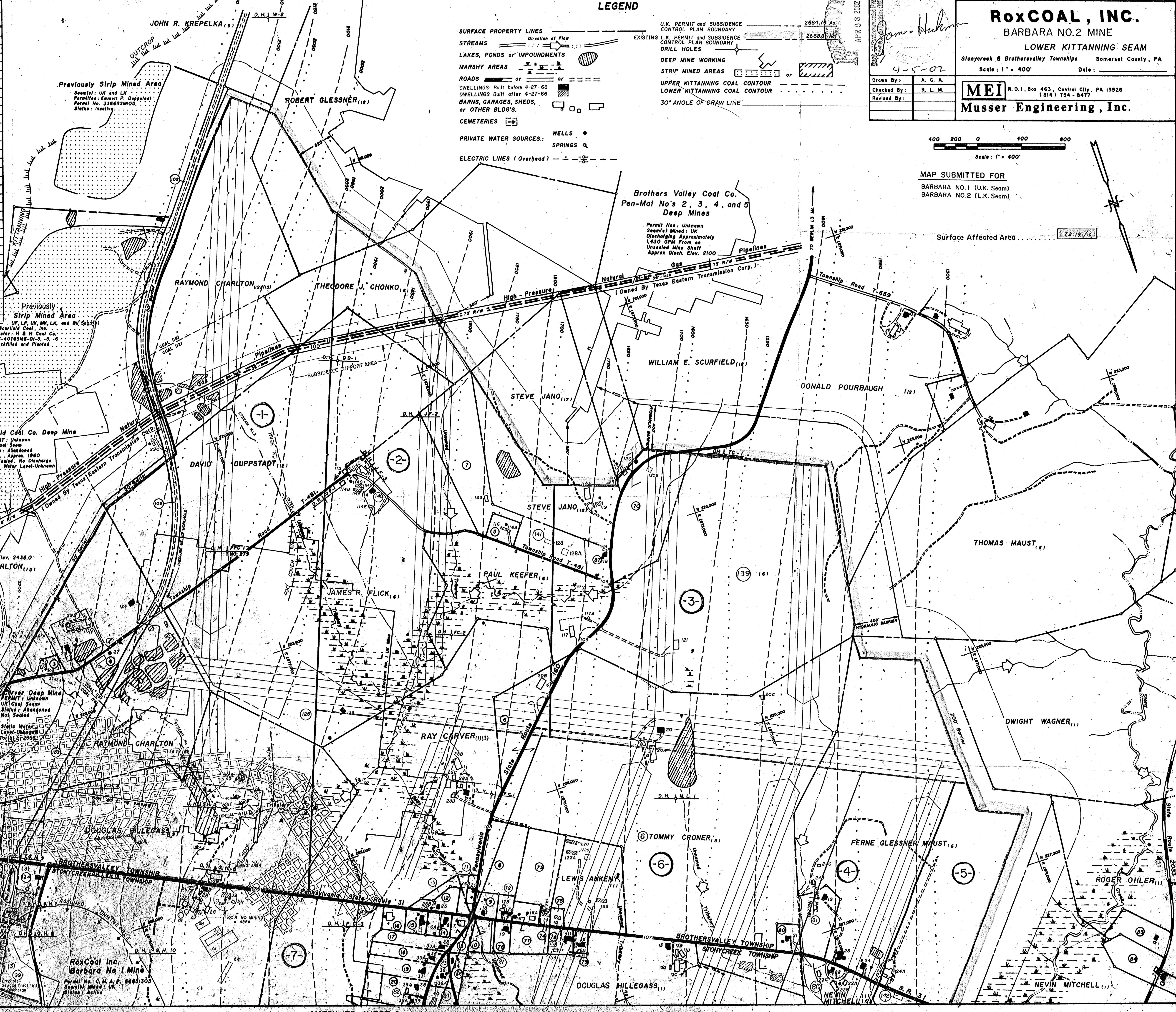
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LEGEND

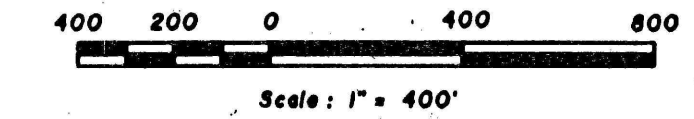
- SURFACE PROPERTY LINES**
STREAMS
LAKES, PONDS or IMPOUNDMENTS
MARSHY AREAS
ROADS
DWELLINGS Built before 4-27-66
DWELLINGS Built after 4-27-66
BARN, GARAGES, SHEDS, or OTHER BLDG'S
CEMETERIES
- EXISTING L.K. PERMIT and SUBSIDENCE CONTROL PLAN BOUNDARY**
DEEP MINE WORKING
STRIP MINED AREAS
UPPER KITTANNING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

MAP IS FOR *Module 22.4 - Subsidence Control Plan Map*

RoxCOAL, INC.
BARBARA NO.2 MINE
LOWER KITTANNING SEAM
Stony Creek & Brothers Valley Townships
Somerset County, PA
Scale: 1" = 400'
Date: 4-5-02

Drawn By: A. G. A.
Checked By: R. L. M.
Revised By:

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)