UNDERGROUND MINES

Consol 121/125 Mine — Map Symbol A
The Consol 121/125 Mine was digitized from a mylar (1"=200') made from the hardcopy maps (1"=100') located at the University of Pittsburgh Library Archives. The mining boundary on these maps is the same as that on map (1"=100') at the Bureau of Deep Mine Safety (at Uniontown marked "Abandoned Feb. 1, 1955". The most northeastern workings of the mine are shown on a separate map (1"=200') at the Bureau of Deep Mine Safety. The mining boundary is digitized from the 1"=200' mylar and the 1"=100' maps from California. None of the maps are certified or marked final. The PA Bituminous Coal Annual Reports indicate that the 121 Mine was known as Consolidation Coal Co. No. 1 Mine (ID # 36-00001) and that it was abandoned and sealed on or before Feb. 7, 1955. The mine was then abandoned by Pittsburgh Coal Co. in April, 1955. There is no tonnage reported from Feb. 7 to April, 1955 or thereafter. Notations on the map indicate mining as late as 2/7/55 (Consol 121 Mine Map). The extent of workings on this map is similar to the above mine workings provided by Musser Engineering, Inc. The extent of workings on this map is similar to the above maps, but not as extensive. Orientation is from roads in the area, specifically the intersection of T-448 and SR 4002. Also used for orientation were the intersection of T-448 and T-447 and the intersection of T-450 and SR 4002. These intersections were located by GPS. Also, the property corners for the Styerville Elementary School property that were surveyed on the Consol map were located by GPS and plotted on the Miller Mine map. The extent of workings on this map is similar to the above maps. Roads on the Consol mine maps were located in the field by GPS and these were also used for orientation purposes.

Cesarone Mentor Thermal #4 Mine also Pittsburgh Coal Co. #3 Mine — Map Symbol M
This mine was plotted from a Consol map (1"=500') provided by Musser Engineering, Inc. This map depicts Upper Freeport mining in Jenner and Lincoln Townships including this Consol 121 Mine. This map is not marked final and not certified or dated. Offsets of Dunamite Resources, Inc. plotted from they eclipsed into this mine, but did not strip the entire workings. There were no maps of this mine found at Deep Mine Safety, PA DEP (California), and OSM were researched for maps of this mine and the only depiction of this mine is on Consol 121 mine maps.

Grubbercyar Mine — Map Symbol H
This mine was plotted from a Consol map (1"=500') provided by Musser Engineering, Inc. This map depicts Upper Freeport mining in Jenner and Lincoln Townships including this Consol 121 Mine. This map is not marked final and not certified or dated. Offsets of Dunamite Resources, Inc. plotted from they eclipsed into this mine, but did not strip the entire workings. There were no maps of this mine found at Deep Mine Safety, PA DEP (California), and OSM were researched for maps of this mine and the only depiction of this mine is on Consol 121 mine maps. Grubbercyar Mine workings area which is also known on the Consol 1"=500' map as a reservation, plan/metered at 27.5 acres. The deed for the property references 82 acres of surface and 30 acres "X" coal reserved. A reservation is shown on the Consol 1"=500' map. The conclusion is that although the mine workings touch onto the 30 acre reserve area, the mine is as depicted on the Consol 1"=500' map and the MPA maps as denoted by the line drawing. A search of the tax assessment records and the Coal Activity Reports at the courthouse were inconclusive.

Consol 120 Mine — Map Symbol B
The Consol 120 Mine was digitized from maps depicted by Consol to the University of Pittsburgh Library Archives. These maps are (1"=100' and were reduced to 1"=200' for digitizing purposes. The mining boundary is the same as that on the (1"=100') map of Deep Mine Safety that was marked Abandoned April, 1958. Consol Pennsylvania Coal Co. Mine Map No. 120 Scale 1"=100' Date Jan. 1, 1940 Revised to Jan. 1, 1950 Showing Overlapping Pocket Reserve Areas, and the Reserve Maps (1"=500') provided by Consol. Also, the following maps were viewed at the Consol Energy engineering offices that reveal the same mining boundary for the '20 Mine: Mine Map No. 120 Scale 1"=100' Date Jan. 1, 1940 Revised to Jan. 1, 1950 Showing Overlapping Pocket Reserve Areas, and sent to Rosebrough Coal Co. in 1950, tentatively abandoned on 3-31-53, the straight book by Pittsburgh Coal Co. in 1955. This is documented in the Annual Reports. There is no tonnage, employees, or days worked after 1954. The mine was abandoned on or before 1955. There is no final certified map available. Mine Map No. 120 Scale 1"=100' There is no final certified map available. The following sources were checked for maps: Consol Energy PA Deep Mine Safety, Office of Surface Mining in Greentree, PA, California PA DEP office and MSHA District 3 office in Mt. Hope, WV. Also used for orientation were the intersection of SR 4002 and T-448, the intersection of T-448 and T-447, and two intersections of SR 4015 and SR 4006. Also used for orientation were two property corners of the Styerville Elementary School property that were surveyed on the Consol map and were located by GPS and plotted on the Miller Mine map.

Unknown — Map Symbols D, E, F
There are three unknown mines on these mines. They are located from maps of the Consol 120 Mine referenced above. Map not marked final or certified.

Mc. Pinetree Mine — Map Symbol G
There is no map available for this mine. It is located from maps of the Consol 120 Mine referenced above. Map not marked final or certified.

Quemahoning Creek Coal Company, Quemahoning Creek No. 1 Mine — Map Symbol I
The Quemahoning Creek No. 1 Mine of the Quemahoning Creek Coal Company was plotted on the Consol 120 Mine map. The mine was also depicted on a map dated Dec. 16, 1942. The mine was abandoned in 1930 and the location and boundaries of this mine are the same as that on the Quemahoning Creek Coal Company Property map dated Dec. 16, 1942. According to the Annual Reports, this mine closed in 1930 as there is no tonnage, employees, or days worked after 1930. The location of this mine was entered in the same manner as the Consol 120 Mine map. There is no certified final map available.

Hillsworth Coal Co., Mine #2 — Map Symbol N
Plotted from maps of the Consol 120 Mine. All map files of Deep Mine Safety and OSM were researched for maps of this mine and the only depiction of this mine is on Consol 120 mine maps.

Quarries No. 1 Mine Black Wolf Coal Co. — Map Symbol O
The reserve area of the mine was plotted from maps of Black Wolf Coal Co. This is an active mine. The maps are certified.

Unknown — Map Symbol P
This was located by field observation. There are no known maps of this mine.

COAL REFUSE DISPOSAL SITES

Consol 121/125 Mine — Map Symbol J
This was located by field observation.

AMI CCR, CO. — Map Symbol K
This was located by field observation.

SURFACE MINES

Senate Coal Mines (Acosta Mine), Dunamite Resources, Inc. (Quarries No. 1 Mine), and Coal Junction No. 10 Mine — Map Symbols Q, R, and S
Plotted from maps of Deep Mine Safety, Musser Engineering, Inc. All of these mines are reclaimed. Limits of mining were determined by GPS or field surveys.

Notes:
1. The information on this map is accurated to the best of my information, knowledge, and belief.
2. The certification of this map is based on prior certifications.
3. Original mapping done by Musser Engineering, Inc.
4. Grids are located on PA State Coordinate System South Zone 1927 NAD
5. Distance between U.F. coal & U.K. coal is approx. 90' & distance between U.F. coal & Mahoning coal is approx. 50'

Check surveys:
1. On 10-16, 10-29, 11-5, 11-18-02 from control points outside to spad 648 in 3 left.
2. On 3-26-04 to spad 95 in 3 left.
3. On 6-2-04 to spad 116 in 3 left & spad 142 in 1 butt.
4. On 8-10-05 to spad 301 in 4 left.
5. On 3-13-06 to check spad #10 in 4 left.
6. On 3-30-06 to spad 601 along 8 belt.
7. On 4-5-06 to check spad #26 in 4 left.
8. On 4-12-06 to check spads 34 & 37 in 4 left.
9. On 5-25 & 10-20-06 to spad 680 in 9 belt.
10. On 12-13-06 to faces of 6, 7, & 8 butts.
11. On 3-29-07 to faces of 5 & 6 left butts.
12. On 6-7-07 to spad 533 in 2 south mains.
13. On 8-7-07 to spad 1009 in 2 south mains 7 left butt.
14. On 8-23-08 & 7-10-08 to faces of 8 & 9 left butts.
15. On 12-3-08 to check spad 91 in 2 right.
16. On 12-29-08 to check spad 105 face of 2 right.
17. On 5-8-09 to spad 1432 in NE mains.
18. On 9-10-09 to spad 1607 in NE mains.
19. On 11-6-09 to spad 1658 in NE mains.
20. On 11-13-09 to spad 1690 & check spad 137 ot face of NE mains.
21. On 3-16-10 to spad 1723 & check spad 140 at face of NE mains rooms to left.

Closed Loop Surveys meet the 1/10,000 accuracy requirements. This map satisfies requirements of Parts 75.372 and 75.1200.

ROBERT P. KUDLAWIEC
REGISTERED PROFESSIONAL
PENNSYLVANIA
No. 60754-E

RoxCoal, Inc.
Miller Mine
CMAP#: 56961302
Upper Freeport (E) Coal Seam
Jenner & Lincoln Twps., Somerset County
Final Six Month Projection Map
Sheet #1 of 2

Final Mining Date: 2-13-10
Survey Date: 2-15-10
Scale: 1" = 200'

Legend
- Underground Permit & Subsidence Control Plan Boundary
- Surface Permit Boundary
- Six Month Projection Line
- 30° Angle of Draw Line
- Previous six month's mining
- Dwellings
- Other Buildings
- Class I Protected Structure
- Upper Freeport Contours —1750—
- Surface Property Line
- Surf. Prop. I.D. No. (64)
- Exploration Drillhole DH #001
- First Mining Area
- UK Deep Mine Boundary
- UF Deep Mine Boundary
- Public Road
- Non-Public Road
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Public Water Lines 3" dia. Lincoln Twp.
- Utility Lines T - Telco, W - Waterline, G - Gas, E - Elec; UGTC - Underground Telephone Cable; OHTC - Overhead Telephone Cable; S - 12.5kv Susta
- 500' Drill Line (No mining will be conducted within the 500' Drill Line unless credible evidence is established.)
- Restricted Mining Area < 100' Cover (No mining within these areas until a detailed mining plan has been approved by DEP.)

Mining Widths will be limited to 20'

RECEIVED
MAY 13 2010
Dept. of Environmental Protection
California District Office

MATCH TO SHEET 2

MATCH TO SHEET 2