



Permit No. 117730
 Seam Mined: Lower Freeport
 Status: Completed 6-28-83
 All Openings Were Sealed By 11-8-86
 Waters Are (In All Probability) Migrating To
 The L.K. Coal Seam Mine, Below

**The Barnes & Tucker Company
 Lancashire No. 24B & D Mine
 "D" Seam Only Depicted**

**Valley Coal Co., Inc.
 Valley No. 12 Mine**

Permit No. 368701 and
 Amendments
 Seam Mined: Lower Freeport
 Status: Completed 1/29/82
 Sealed and Backfilled
 In accordance to E.I. 1658.04 sec.
 of the last measurement

**John Toth Coal Co.
 House Coal Mine**

Permit No. Unknown
 Seam Mined: Lower Freeport
 Status: Abandoned
 The mine is not sealed, and is
 discharging small amounts
 of water, fluctuating seasonally.

**Valley Coal Co., Inc.
 Valley No. 8 Mine**

Permit No. 367630
 Seam Mined: Lower Freeport
 Status: Completed Circa 6-1-69
 Sealed and Backfilled
 No Visible Discharges

Water Source Information		
INDEX	SURFACE ELEVATION	STATIC WATER LEVEL or G.P.M.
"A"	1902.50	Inaccessible
"B"	1906.00	Inaccessible
"C"	1907.00	Inaccessible
"D"	1880.50	1863.50
"E"	1884.50	Inaccessible
"F"	1916.00	Inaccessible
"G"	1930.00	Inaccessible
"H"	1930.00	Inaccessible
"I"	1940.00	Inaccessible
"J"	1933.00	Inaccessible
"K"	1941.00	Inaccessible
"L"	1926.00	Inaccessible
"M"	1904.00	Inaccessible
"N"	1861.00	1797.00
"O"	1852.00	1830.00
"P"	1874.00	Inaccessible
"Q"	1872.00	Inaccessible
"R"	1895.00	Inaccessible
"S"	1891.00	1889.00
"T"	1894.00	1885.00
"U"	1888.00	1885.00
"V"	1887.00	1885.50
"W"	1891.00	1885.50
"X"	1888.00	1885.50
"Y"	1890.00	1886.00
"Z"	1895.00	1885.00
"AA"	1903.00	1887.00
"AB"	1905.00	1887.00
"AC"	1905.00	1887.00
"AD"	1905.00	1885.00
"AE"	1850.00	Inaccessible
"AF"	1850.00	Inaccessible
"AG"	1890.00	1850.00
"AH"	1882.00	1856.00
"AI"	1887.00	1851.50
"AJ"	1886.00	1841.00
"AK"	1896.00	1761.00
"AL"	1902.00	Inaccessible
"AM"	1898.00	1827.00
"AN"	1890.00	Inaccessible
"AO"	1889.00	1887.50
"AP"	1898.00	1885.00
"AQ"	1897.00	1844.00
"AR"	1890.00	1827.00
"AS"	1890.00	1864.00
"AT"	1890.00	1887.00
"AU"	1887.00	1887.00
"AV"	1882.00	Inaccessible
"AW"	1785.00	1777.00
"AX"	1785.00	1761.00
"AY"	1785.00	1761.00
"AZ"	1784.00	1760.00
"BA"	1783.00	1763.00
"BB"	1784.00	1763.00
"BC"	1873.00	Inaccessible
"BD"	1906.00	1864.50
"BE"	1888.00	1887.00
"BF"	1908.00	Inaccessible
"BG"	1887.00	1807.00
"BH"	1908.00	Inaccessible
"BI"	1906.50	1786.50
"BJ"	1906.00	1844.00
"BK"	1903	1889
"BL"	1905	1889
"BM"	1900	1844
"BN"	1900	1844

NOTE: ORIGINAL MAPPING DEVELOPED FROM USGS TOPO
 ENLARGEMENTS AND DEED DESCRIPTIONS AND DOES
 NOT NECESSARILY REPRESENT SURVEYED LOCATIONS.
 MAP HAS BEEN REVISED BY [MEI] AS A RESULT OF INFORMATION GATHERED
 FROM FIELD SURVEYS AND AERIAL MAPPING

LEGEND

- SURFACE PROPERTY LINES
- STREAMS
- PONDS OR IMPOUNDMENTS
- ROADS
- DWELLINGS OF PUBLIC BLDGS
- BARN, GARAGES, SHEDS, OR OTHER BLDGS
- WELLS
- SPRINGS
- ELECTRIC LINES (Overhead)
- BARRIER LINES
- STREAM SAMPLING POINTS
- PONDS/LAKES SAMPLING POINTS
- LOWER FREEPORT ("D") COAL SEAM OUTCROP
- COAL CONTOURS (Bottom Of Coal Seam)
- DRILL HOLES
- AXIS LINE
- FINAL "D" SEAM HIGHWALLS
- DEEP MINE WORKINGS
- PREVIOUSLY STRIP MINED AREAS
- DIVERSION DITCHES
- COLLECTION DITCHES
- SURFACE WATER MONITORING POINTS
- GROUND WATER MONITORING POINTS
- MARSH, SWAMP, or WETLANDS

BARRIERS TO BE MAINTAINED IN ORDER TO ELIMINATE THE POSSIBILITY OF
 POST-MINING DISCHARGES.

SURFACE PROPERTY INDEX

- ROBERT L. GOSS
- EDNA DELANEY
- HOWARD GONGLOFF
- CARRIE WOLFE
- NITCHELL SABELLA
- WILLIAM RODKEY
- MICHAEL CARAERA
- BERT OBER
- CLARENCE BALDISH
- HOMER OBER
- BETTY GROVE
- WILLIAM MILLER
- LARRY MILLER
- EDITH WASSER
- EMMA CROOKSHANK
- ALLAN WINTER
- SHARON JAMISON
- ANDREW AND CHARLES MARTIN
- RAYMOND DUMAN
- RICHARD NEDRESKY
- DAVID BECKEY
- REGIS DUMAN
- KEVIN BRACKEN
- MARK STEM
- SARAH HAGENS
- DEBORAH KNAPIK
- BARRY HOUSER
- WILLIAM PHILLIPS
- ROY MADAMS
- BRADLEY VEHOVIC
- JOSEPH SOMOGYI
- PATRICIA MACHOWSKI
- BEN OBER
- WARREN FETTERMAN
- ARTHUR MAKIN
- CHARLES LYDIC
- RICHARD PATTERSON
- HERB ONDRIZEK
- PENNA. DEPARTMENT OF TRANSPORTATION
- ROBERT JONES
- CHARLES STEPHENS
- JOHN BAKER
- ROBERT FENCHAK
- CHARLES DETWILER
- DAVID DETWILER
- ALBERT LOCKARD
- TIMOTHY DETWILER
- THOMAS ROWLES, JR.
- TIMOTHY MILLER
- JAMES SHAW
- RICHARD BARR
- TALITHA BOYER
- GEORGE MILLER
- RALPH BALDISH
- BEILCHICK BROS.
- RICKY KOPNICKY
- RONALD LLOYD
- MICHAEL HESS



PROPOSED MINING FORECAST

The following Sub-area Forecast represents Development Mining, Retreat Mining and/or over-lap previously developed areas.

- +1 - 1st Year
- 2 - 2nd Year
- 3 - 3rd Year
- 4 - 4th Year
- 5 - 5th Year

NOTE: All Areas To Be Mined Are Within The Same Political Sub-Division: PINE TOWNSHIP, INDIANA COUNTY.

All Coal Lands To Be Mined Are Within The Lower Freeport Coal Seam And Are Owned Solely By PENN CENTRAL CORPORATION.

No Mining above or below

EXHIBIT "A"/193

RAYNE ENERGY, INC
 RAYNE NO. 1 MINE
 RD 2 BARNESBORO, PA 15714
 LOWER FREEPORT COAL SEAM

SCALE: 1"=500'
 0' 500' 1000' 1500'

MEI RD 1 Central City, PA 15926 (814) 754-8477
 Musser Engineering, Inc.

FINAL MAP

PINE TOWNSHIP, INDIANA COUNTY, 2-18-02

SHEET 1 OF 1