

NOTE-SEE EXHIBIT G FOR THE LOCATION OF SAMPLE POINTS NO. 24, 25, 26, 27, 29, 33, 34, 35, 37, & 38

- LEGEND**
- DEEP MINE PERMIT BOUNDARY
 - SURFACE FACILITIES PERMIT BOUNDARY
 - - - UPPER KITTINGAN SEAM OUTCROP
 - ④ SURFACE/GROUNDWATER INVENTORY POINTS
 - ▲ MINE DISCHARGE LOCATION
 - ▣ LIMITS OF UK DEEP MINES
 - KNOWN DISCHARGE POINTS FROM SURFACE OR DEEP MINES
 - OVERBURDEN ANALYSIS DRILLHOLE
 - SPRING
 - B GEOLOGIC CROSS SECTION LOCATION

SURFACE GROUNDWATER SAMPLING POINTS

Sample No.	Elevation	Description
*1	2100	Rock Run - Upstream
*2	1990	Rock Run below portal facilities
*3	1500	Rock Run at railroad crossing
*4	2025	Pond A Discharge
*5	2075	Toe of Backfill Seep - UK Seam
*6	2035	Toe of Backfill Seep - UK Seam
*7	2075	Toe of Backfill Seep
*8	2030	Pond I Discharge
*9	2075	Becker Mine
*10	2075	Patton Clay Mine
*11	2190	Kutruif Well
*12	2207	Freeman Well
*13	1480	Kverough Run
*14	1480	Killbuck Run
*15	1480	Little Killbuck Run
*16	2050	Treatment Pond Discharge
*17	2145	Mike Fedor well
*18	2166	Paula Link well
*19	2180	Lucue spring
*20	2220	Michael Link well
*21	2220	Donald Holtez well
*22	2015	Unnamed trib. to Rock Run
*23	2080	Rogues Harbor Run

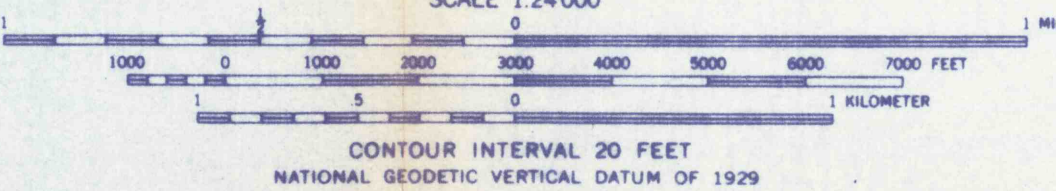
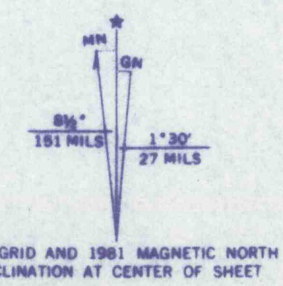
RECEIVED
 DEC - 1 1986
 Dept. of Environmental Resources
 McMurray District Office

**EXHIBIT 5
 LOCATION MAP**

ST. LAWRENCE COAL COMPANY
 SOUTHERN RESERVE AREA DEEP MINE
 SITATE
 CHEST TOWNSHIP CAMBRIA COUNTY
 PENNSYLVANIA

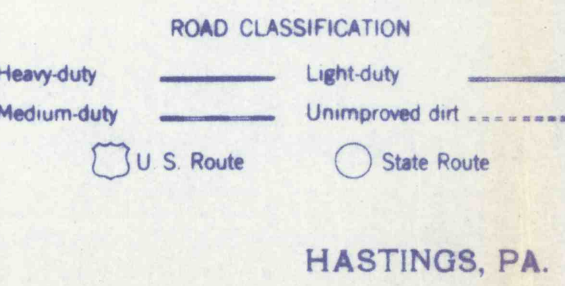
SCALE	MINETECH ENGINEERS	DATE
1" = 2000	ALTOONA PENNSYLVANIA	NOV. 28 1988
		REV. 10-86

Mapped, edited, and published by the Geological Survey
 Control by USGS and NOS/NOAA
 Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1961.
 Polyconic projection. 10,000-foot grid ticks based on Pennsylvania coordinate system, south and north zones 1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue. 1927 North American Datum. To place on the predicted North American Datum 1983 raise the projection lines 4 meters south and 22 meters west as shown by dashed corner ticks.
 Fine red dashed lines indicate selected fences and field lines where generally visible on aerial photographs. This information is uncheckered. There may be private inholdings within the boundaries of the National or State reservations shown on this map.



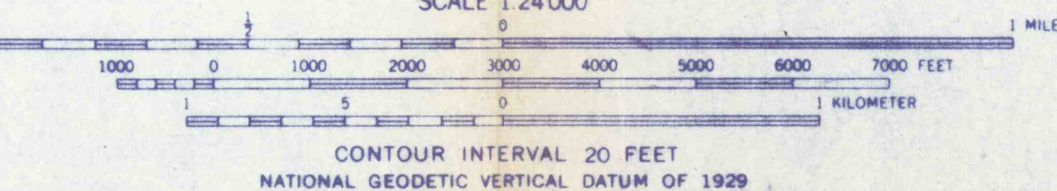
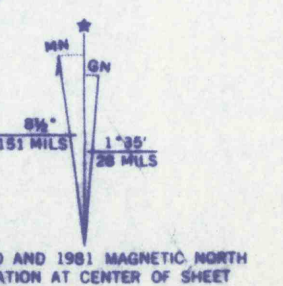
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple and woodland compiled in cooperation with Commonwealth of Pennsylvania agencies from aerial photographs taken 1977 and other sources. This information not field checked. Map edited 1981.



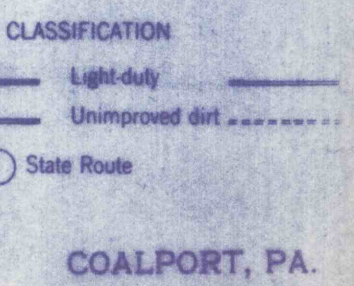
HASTINGS, PA.
 N4037.5-W7837.5/7.5
 1961
 PHOTOGRAPHED 1981
 DMA 8988 II NV-SERIES 1981

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COALPORT, PA.
 N4037.5-W7830/7.5
 1961
 PHOTOGRAPHED 1981
 DMA 8988 II NV-SERIES 1981

Smith M. Coleman