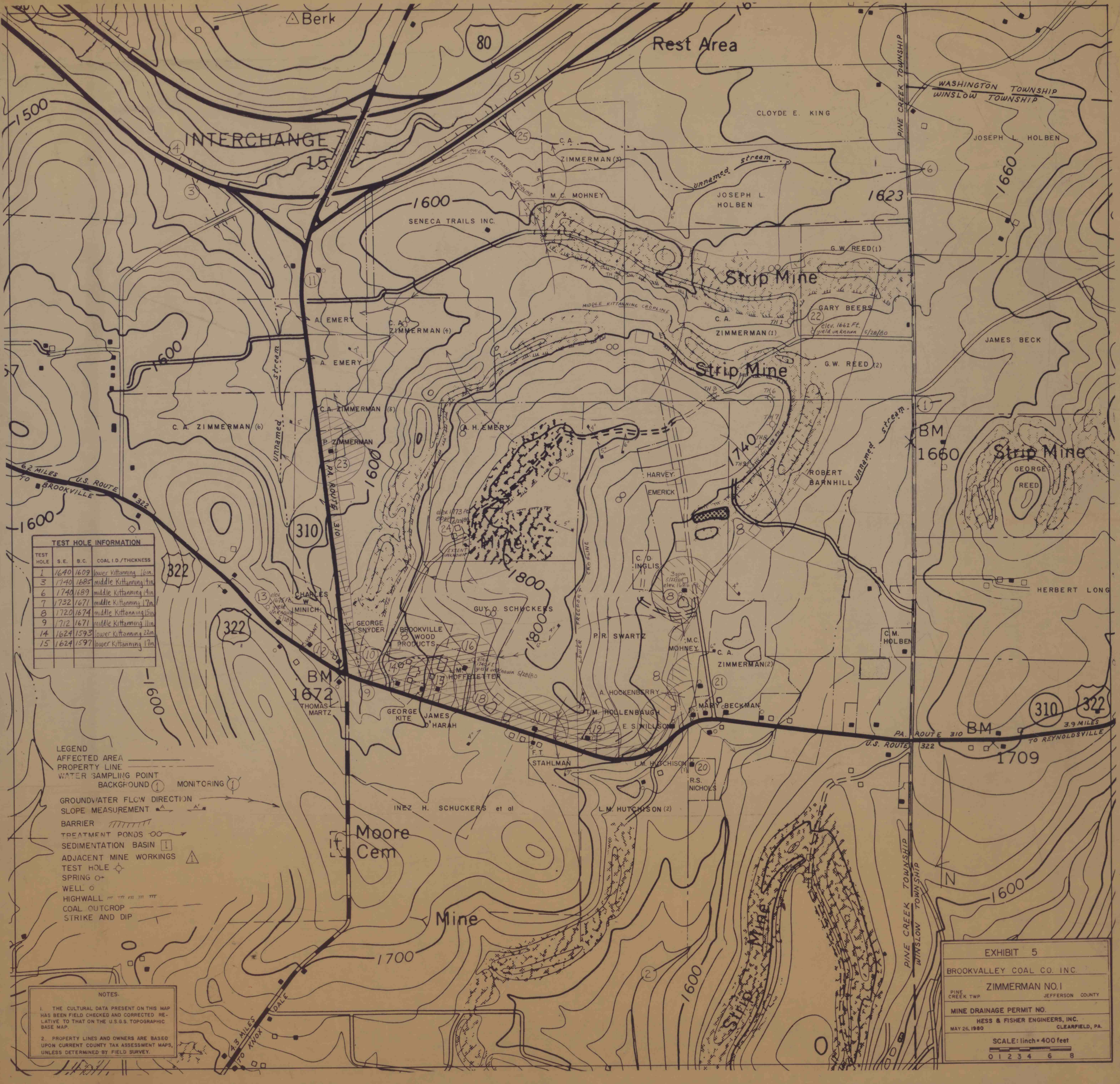




TEST HOLE INFORMATION			
TEST HOLE	S.E.	B.C.	COAL I.D./THICKNESS
1	1640	1609	lower Kittanning 16in.
3	1740	1685	middle Kittanning 14in.
6	1740	1689	middle Kittanning 14in.
7	1732	1671	middle Kittanning 17in.
8	1720	1674	middle Kittanning 15in.
9	1712	1671	middle Kittanning 11in.
14	1624	1593	lower Kittanning 22in.
15	1624	1597	lower Kittanning 17in.

- LEGEND
- AFFECTED AREA
 - PROPERTY LINE
 - WATER SAMPLING POINT
 - BACKGOUND MONITORING
 - GROUNDWATER FLOW DIRECTION
 - SLOPE MEASUREMENT
 - BARRIER
 - TREATMENT PONDS
 - SEDIMENTATION BASIN
 - ADJACENT MINE WORKINGS
 - TEST HOLE
 - SPRING
 - WELL
 - HIGHWALL
 - COAL OUTCROP
 - STRIKE AND DIP

NOTES:

1. THE CULTURAL DATA PRESENT ON THIS MAP HAS BEEN FIELD CHECKED AND CORRECTED RELATIVE TO THAT ON THE U.S.G.S. TOPOGRAPHIC BASE MAP.

2. PROPERTY LINES AND OWNERS ARE BASED UPON CURRENT COUNTY TAX ASSESSMENT MAPS, UNLESS DETERMINED BY FIELD SURVEY.

EXHIBIT 5

BROOKVALLEY COAL CO. INC.

ZIMMERMAN NO.1

PINE CREEK TWP. JEFFERSON COUNTY

MINE DRAINAGE PERMIT NO.

HESS & FISHER ENGINEERS, INC.

MAY 26, 1980 CLEARFIELD, PA.

SCALE: 1 inch = 400 feet

0 1 2 3 4 6 8