



LEGEND

- AUGER MINING AREA
- STAGE II COMPLETION
- SUPPORT AREA
- MINING AREA (0-85', 86'-115')
- DELETED AREA
- PROPERTY LINES
- PROPOSED MINING PHASES
- STREAM BARRIERS
- SEDIMENTATION BASIN
- TREATMENT POND
- AREA AFFECTED
- EROSION CONTROL TERRACE
- SEDIMENTATION DITCH
- DRAINAGE SUBAREA
- TOPSOIL STORAGE AREA
- DUNE
- DIVERSION DITCH
- GAS WELL BARRIER
- ET — UTILITY LINES
- BE — BURIED ELECTRIC LINES
- G — GAS LINES
- SPOIL STORAGE AREA

NOTES: 1. THE EROSION AND SEDIMENTATION CONTROL PLAN AS DESIGNED ASSUMES MINING THE ENTIRE AREA. DEVIATIONS FROM THE PLAN MAY BE DUE TO CURRENT MARKET DEMANDS, EQUIPMENT LIMITATION AND MINING METHODOLOGIES. ADDITIONALLY, DESIGNED SPECIFICATIONS WILL BE ADJUSTED FOR THE ACTUAL DISTURBED AREA, IF NEEDED, THEN FORWARDED TO THE DEPARTMENT FOR APPROVAL.
 2. SEE THE EROSION AND SEDIMENTATION CONTROL PLAN TABLES AND NARRATIVE FOR DESIGN SPECIFICATIONS AND DESCRIPTIVE INFORMATION.
 3. THE CULTURAL DATA PRESENTED ON THIS MAP HAS BEEN FIELD CHECKED AND CORRECTED RELATIVE TO THAT ON THE U.S.G.S TOPOGRAPHIC BASE MAP.
 4. PROPERTY LINES AND OWNERS ARE BASED UPON CURRENT COUNTY TAX MAPS, UNLESS DETERMINED BY FIELD SURVEY.

BONDING INCREMENTS		
BONDING INCREMENT NO.	ACRES	STATUS
100064-33793007-01	57	2.4 ACS. SUPPORT 1.1 ACS. SUPPORT (DELETED) 2.2 ACS. MINING (0-85')
100064-33793007-02	114	2.1 ACS. SUPPORT 1.2 ACS. SUPPORT (UPGRADED ON B.I. 03) 8.1 ACS. MINING (0-85')
100064-33793007-03	70	2.5 ACS. SUPPORT 1.2 ACS. SUPPORT (UPGRADED TO 86'-115') 3.3 ACS. MINING (86'-115')

REVISIONS: 5/27/85 FOR AUGER PERMIT - HESS & FISHER ENGINEERS, INC.
 REVISIONS: 7/27/85 FOR B.I. #02 DEVIATIONS - HESS & FISHER ENGINEERS, INC.
 REVISION: 5/14/85 FOR B.I. #02 DEVIATIONS - HESS & FISHER ENGINEERS, INC.
 REVISION: 8/12/85 FOR STAGE II INFORMATION (284 AC.)
 REVISION: 8/20/85 FOR AUGER PERMIT - HESS & FISHER ENGINEERS, INC.
 REVISION: 7/11/85 FOR B.I. #02 (25.9 ACS) - H & F
 REVISION: 5/12/85 FOR PARADIS CHANGE - H & F ENGINEERS, INC.

EXHIBIT 9 - OPERATIONS MAP

BENJAMIN COAL COMPANY

VALIER NO. 1

PERRY TWP. JEFFERSON CO. W. VA.

DATE: 5/14/85
 M.D. NO. 3379107

APRIL, 1984

SCALE: 1 INCH = 400 FEET