



- LEGEND**
- PROPERTY LINES
 - - - EXTENT OF PERMIT
 - - - SUBSIDENCE CONTROL AREA
 - CONTEMPLATED MINING (48.0 ACRES)
2/1/02- 8/1/02
 - COMPLETED MINING
 - - - LOWER KITTANNING HIGHWALL
 - GAS TRANSMISSION LINE

- NOTE:**
1. MINING IS ON THE LOWER KITTANNING COAL.
 2. ENTRY WIDTH FOR PROJECTED DEVELOPMENT IS 20 FEET.
 3. MAIN AND PANEL DEVELOPMENT OF ENTRIES IS PROJECTED ON 50 FOOT CENTERS WITH CROSS CUTS ON 62.5 FOOT CENTERS.
 4. ROOM DEVELOPMENT IS GENERALLY PROJECTED WITH BOTH ENTRIES AND CROSS CUT CENTERS OF 50 FEET. CROSS CUTS ARE TURNED ON ANGLES OF AT LEAST 60 DEGREES. THESE PROJECTIONS ARE HOWEVER SUBJECT TO CHANGE AS MINING CONDITIONS MAY DICTATE.

MINE WORKS TO DATE: 7/29/99, K.W.B.
 MINE WORKS TO DATE: 2/1/00, K.W.B.
 MINE WORKS TO DATE: 7/26/00, K.W.B.
 MINE WORKS TO DATE: 12/13/00, K.W.B.
 MINE WORKS TO DATE: 7/1/01, K.W.B.
 MINE WORKS TO DATE: 8/3/01, K.W.B.
 MINE WORKS TO DATE: 1/31/02, K.W.B.
 MINE WORKS TO DATE: 6/14/02, K.W.B.

APPROVED: _____ KEVIN W. BLOOM, P.E.
 SEAL REG. NO. 35160-E DATE: _____

CHAGRIN LAND, LTD. - PARCEL 4
 SURFACE
 PATRICK H. MOWERY &
 KIM MOWERY HOBBA, TRUSTEES
 MINERALS



THIS MAP SHOWS THE FINAL WORKINGS OF THE LAUREL RIDGE MINE. FINAL COAL EXTRACTION OCCURRED ON OR PRIOR TO 6/14/02.
 Kevin W. Bloom 9/30/02
 KEVIN W. BLOOM, P.E.

Sheet 3
 Laurel Run Reclamation Company, Inc.
 Laurel Ridge Mine
 Permit No. 17941301
 Brady, Union, Sandy Townships
 Clearfield County

SCALE: 1"=100'
 1/29/96

HESS & FISHER ENGINEERS, INC.
 CONSULTING ENGINEERS & GEOLOGISTS
 36 NORTH SECOND STREET
 CLEARFIELD, PA 16830 814-765-7541



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