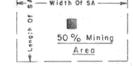

MATCH TO SHEET 7
RALPH E. & CYNTHIA J. MILLER-Surface
⑯
LAUREL MINING CORP. Coal
Gravel Surface
JOHN CASPER Jr.-Surface
LAUREL MINES CORP.-COAL
Completed 7-31-91
Completed 7-31-89
Completed 1-31-92
Completed 7-31-92
Completed
1ST NORTHEAST BUTT
1ST RIGHT BUTT
B LEFT BUTT
A LEFT MAINS
3RD SOUTHWEST MAINS
2nd RIGHT
3rd Right
Edge of Water
Edge
CAVED
BAD ROOF
200' Safety Zone
50% Mining
Pond No.1
T-649
Gravel Surface
PRE SHIFTED
100 FT. BARRIER
Ling Cemetery
ALLEN BROWNING-Surface
BERWIND CORPORATION-Coal
ALLEN BROWING-Surface
BERWIND CORPORATION-Coal
㉜
50% MINING
185' Deep
32' Casing
2 GPM
S.W.L.-2450 El.
SURF. EL. 2500.0
B.C. EL. 2260.0
THEODORE C. McCLUCAS-Surface
BERWIND CORPORATION-Coal
T-742
To L. R. 55078
100 FT. BARRIER
LEASE LINE
LAUREL MINES CORP.-Surface
BERWIND CORP.-Coal
LAUREL MINES CORP.-Surface
BERWIND CORPORATION-COAL
MATCH TO SHEET 2
SHEET 6 OF 8
MATCH TO SHEET 5
W 16,000
S 2,000
S 1,000
W 15,000

Subsidence Legend

M.A.P. No. 56841327

Contemplated Mining ☐ From ________ To ________

Amendment Area

	Dwelling Constructed Prior To April 27, 1966	Dwelling Constructed After April 27, 1966
Minimum Plan For Protected Structures	Width Of SA / Length Of SA / ■ 50 % Mining Area	Width Of SA / Length Of SA / ▨ 50 % Mining Area

Length Of SA = 2 [(.27 X D) + 15] + L + LD (If Needed)

Width Of SA = 2 [(.27 X D) + 15] + W + LD (If Needed)

Previous Six Month's Mining ☐

Mining Completed ☐

Definitions Of Abbreviations, Symbols, Etc, Used In Formulas & Examples

SA = Support Area Under Protected Structure From Which Only 50% Of Coal Is Extracted

LD = Additional Support Added On Each Downhill Side Of Support Area (Required If Structure Is Located On Terrain Sloping Greater Than 5%)

D = Depth Of Cover Of Overburden

L = Length Of Structure

W = Width Of Structure

15 FEET = Safety Factor

.27 = Tangent Of 15 Degrees

VENTILATION LEGEND

INTAKE AIR →
RETURN AIR ⇉
PRIMARY ESCAPEWAY —●→
ALTERNATE ESCAPEWAY —●●→
PERMANENT (CEMENT BLOCK) STOPPING
TEMPORARY (CANVAS) STOPPING
REGULATOR Ⓡ
OVERCAST ✕
PERMANENT STOPPING WITH DOOR
BELT HAULAGE
REDUCED AIR FLOW - - - →
AIR LOCK DOOR A
AIR READING (No)
BLEEDER EVALUATION POINT BE IE

DEEP MINE SAFETY 100
0 25 50 100 150 200 Feet

FINAL MAP

Property Line ———— — — ————
Permit Line (No Mining) ———— — — ————

RANDALL LEE MUSSER

PREPARED FOR

J & D MINING, INC.

MILLER RUN NO. 2 MINE
UPPER KITTANNING COAL SEAM
SITUATE
SHADE TWP., SOMERSET CO.,
PENNSYLVANIA

100' 0' 50' 100'
SCALE: 1" = 100'

DATE: JUL 23 1993

PREPARED BY
MUSSER ENGINEERING
RD No. 1, Box 463, Central City, Pennsylvania 15926, 814/754-8477

EXHIBIT "B"