



LAUREL MINING CORP. - Surface
 BERWIND CORPORATION - Coal

RECEIVED
 JUL 27 1993
 Environmental Resources
 McMurray District Office

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
	AIR READING
	BLEEDER EVALUATION POINT



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

Length of SA = $2CL + 2D + L + LD$ (if needed)
 Width of SA = $2CL + 2D + W + LD$ (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

Property Line _____
 Permit Line (No Mining) _____

PREPARED FOR
J & D MINING, INC.
 MILLER RUN NO. 2 MINE
 UPPER KITTANNING COAL SEAM
 SITUATE
 SHADE TWP., SOMERSET CO.,
 PENNSYLVANIA

SCALE: 1" = 100'
 DATE: JUL 23 1993

PREPARED BY
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