



Subsidence Legend
M.A.P. No. 56841327

Contemplated Mining From To

Amendment Area

Minimum Plan For Protected Structures
Length of SA = 2(L+27 X) + 15.3 + L + LD (if needed)
Width of SA = 2(L+27 X) + 19.3 + 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 Down-hill 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
15 FEET = Safety Factor

Dwelling Constructed Prior To April 27, 1966
Dwelling Constructed After April 27, 1966

50% Mining Area
50% Mining Area

W = Width Of Structure
27 = Tangent Of 15 Degree

VENTILATION LEGEND

INTAKE AIR → RETURN AIR →

PRIMARY ESCAPEWAY → ALTERNATE ESCAPEWAY →

PERMANENT (CEMENT BLOCK) STOPPING [Symbol] TEMPORARY (CANVAS) STOPPING [Symbol]

REGULATOR [Symbol] OVERCAST [Symbol]

PERMANENT STOPPING WITH DOOR [Symbol] BELT HAULAGE [Symbol]

REDUCED AIR FLOW [Symbol] AIR LOCK DOOR [Symbol]

[Symbol] AIR READING [Symbol] BLEEDER EVALUATION POINT [Symbol]

Ling Cemetery

ALLEN BROWNING-Surface
BERWIND CORPORATION-Coal

THEODORE C. McCLUCAS-Surface
BERWIND CORPORATION-Coal

LAUREL MINES
CORP. - Surface
BERWIND CORP.-Coal

FINAL MAP

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

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL ENGINEER
RANDALL LEE MUSSER
No. 1007 E