

Subsidence Legend

Previous Six-Month's Mining ☐ To ☐

Contemplated Mining ☐ To ☐

Mining Completed ☐

Subsidence Control Plan Boundary ☐

Occupied Dwellings ☐

Unoccupied Structures ☐

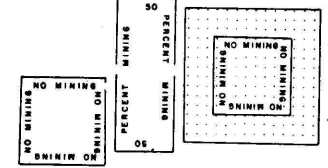
SUPPORT AREAS

No Mining Within

50 Percent Mining Only Within

"Gas Well" Pillar Support Area

NOTE: Any Pillar That Supports A Support Line Will Remain In Place.



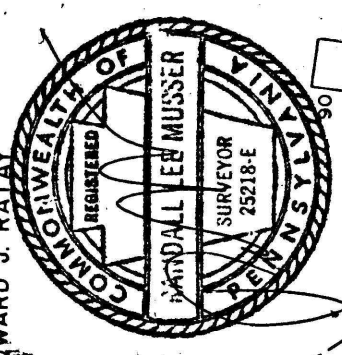
NOTE: All Entry And Cross-Cut Widths Shall Not Exceed 15 Feet Within The Pillar Support Area.

PARAGON DEVELOPMENT CORPORATION

MARY SUTILA

Randall L. Musser, a Professional Land Surveyor in the Commonwealth of Pennsylvania, hereby certify that the surveying and mine mapping conducted by Musser Engineering, Inc. after June 1, 1993, was conducted in accordance with generally accepted surveying standards for the mining industry, and is true and correct to the best of my knowledge and belief. All base map preparation for the mine, and all mine surveying and mapping prior to June 1, 1993, was conducted by and certified by the engineering staff of Valley Coal Company and is not the responsibility of Musser Engineering, Inc.

EDWARD J. RATAY



SEP 15 2003

FINAL MAP 4/30/98
MODULE 19.5

PREPARED FOR:
VALLEY COAL COMPANY
LEONARD RUN NO. 1 MINE
LOWER KITTANNING COAL SEAM
SITUATE:
PINE TOWNSHIP, INDIANA COUNTY,
PENNSYLVANIA

SCALE: 1" = 100'

MEI
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MATCH TO SHEET 1

SHEET 2 OF 10