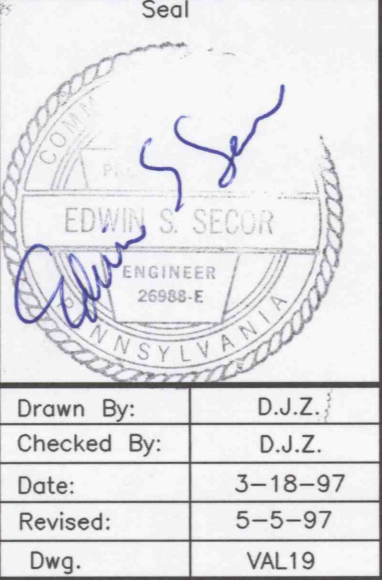


VALLEY COAL COMPANY LEONARD RUN NO. 1 MINE

LOWER KITTANNING SEAM
PINE & CHERRYHILL TWP. INDIANA CO.

MEI RD 1 Central City, PA 15926
(814) 754-8477
Musser Engineering, Inc.



Drawn By: D.J.Z.
Checked By: D.J.Z.
Date: 3-18-97
Revised: 5-5-97
Dwg. VAL19

EXHIBIT 19.3 Subsideance Control Map SHEET 2 OF 2 SCALE 1" = 400'

- (15) GEORGE HOLBY
- (25) DANIEL LIEB
- (57) WILLIAM RODGERS
- (59) PAUL STRONG
- (61) WILLIAM RODGERS
- (62) WILLIAM RODGERS
- (63) MICHELE MUSSOMELI
- (64) WILLIAM RODGERS
- (65) THOMAS RODGERS
- (66) MARK SYSTER
- (67) BRUCE DIETRICH
- (68) JOSEPH DANYI
- (69) MARGARET GARBRICK
- (70) DANIEL SYSTER
- (71) ROBERT RATAY
- (72) FRANK KENNEDY
- (73) MICHAEL BURKHOLTZ
- (74) RONALD J. SLEPPY
- (75) MICHAEL D. SLEPPY
- (76) ALEX JUSKO JR.
- (80) TIMOTHY CLEVENGER
- (81) HARRY SLEPPY
- (82) CLAIR LIMTRICK
- (83) MARTHA BENNETT
- (84) SALVATORE VALENTY
- (85) MARK LUKOWSKI
- (86) DAVID CAMPBELL
- (87) DANIEL DETWILER
- (88) DANIEL CEKADA
- (89) MARY SNYDER
- (90) WILLIAM GLASSFORD
- (91) RAY A. SLEPPY
- (92) RONALD J. SLEPPY
- (93) CHURCH OF GOD
- (94) EDWARD MISNER
- (95) MARTIN CLARK
- (96) ROBERT COY
- (97) RAY A. SLEPPY
- (98) CURTIS HOUSER
- (99) SHARI SLEPPY
- (100) THEODORE VOLKAY
- (101) RONALD LIEB
- (102) RICHARD HENDY
- (103) JOHN LEWIS
- (104) JONI BOOZE
- (105) WILLIAM SMITH
- (106) BERNARD DUM
- (107) LINDA MCCONNELL
- (108) THEODORE LIEB
- (109) JOSEPH LIEB
- (110) DOUGLAS JUSKO
- (111) J. LEWIS ROWE
- (112) JO ANNE MCGILL
- (113) EARL LIEB
- (114) THEODORE LIEB
- (115) GERALD LIEB
- (130) GEORGE RUFFNER
- (131) MARY ODENTHAL
- (132) JAMES ST. CLAIR

LEGEND

- Mine Permit Area
- Subsidence Control Plan Area
- Underground Area Added
- Underground Area Deleted
- Surface Site
- Property Lines
- Roads
- Streams
- Ponds
- Dwelling
- Other Buildings
- Contours
- Drill Holes
- Gas Wells
- Utility Lines
- Springs
- Wells
- Water Monitoring Point
- Deep Mine Entry
- Deep Mine Boundary
- Previously Surface Mined Area

LOWER KITTANNING PROPOSED MINING FORECAST

The following Sub-area Forecast represents Development Mining. Retreat Mining may overlap previously developed areas.

- First Year
- Second Year
- Third Year
- Fourth Year
- Fifth Year

