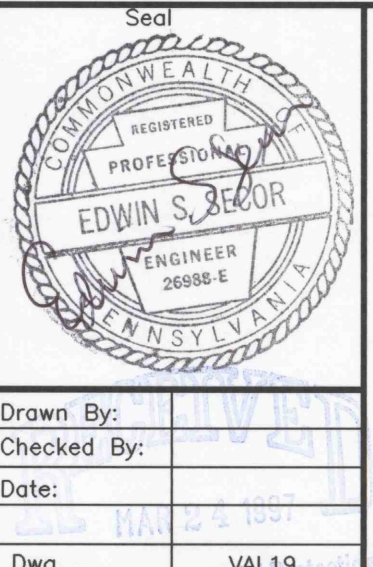


VALLEY COAL COMPANY
LEONARD RUN NO. 1 MINE
 LOWER KITTANNING SEAM
 PINE & CHERRYHILL TWP. INDIANA CO.



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

Drawn By: [Blank]
 Checked By: [Blank]
 Date: [Blank]
 Dwg. VAL19

EXHIBIT 19.3 Subsidence Control Map

SHEET 2 OF 2 MAR 18 1997
 SCALE 1" = 400'

- | | |
|----------------------|----------------------|
| 15 GEORGE HOLBY | 89 MARY SNYDER |
| 25 DANIEL LIEB | 90 WILLIAM GLASSFORD |
| 57 WILLIAM RODGERS | 91 RAY A. SLEPPY |
| 59 PAUL STRONG | 92 RONALD J. SLEPPY |
| 61 WILLIAM RODGERS | 93 CHURCH OF GOD |
| 62 WILLIAM RODGERS | 94 EDWARD MISNER |
| 63 MICHELE MUSSOMELI | 95 MARTIN CLARK |
| 64 WILLIAM RODGERS | 96 ROBERT COY |
| 65 THOMAS RODGERS | 97 RAY A. SLEPPY |
| 66 MARK SYSTER | 98 CURTIS HOUSER |
| 67 BRUCE DIETRICH | 99 SHARI SLEPPY |
| 68 JOSEPH DANYI | 100 THEODORE VOLKAY |
| 69 MARGARET GARBRICK | 101 RONALD LIEB |
| 70 DANIEL SYSTER | 102 RICHARD HENDY |
| 71 ROBERT RATAY | 103 JOHN LEWIS |
| 72 FRANK KENNEDY | 104 JONI BOOZE |
| 73 MICHAEL BURKHOLTZ | 105 WILLIAM SMITH |
| 74 RONALD J. SLEPPY | 106 BERNARD DUM |
| 75 MICHAEL D. SLEPPY | 107 LINDA MCCONNELL |
| 76 ALEX JUSKO JR. | 108 THEODORE LIEB |
| 77 RAYMOND E. GEORGE | 109 JOSEPH LIEB |
| 78 WILLIAM WILLARD | 110 DOUGLAS JUSKO |
| 79 ROLAND DETWILER | 111 J. LEWIS ROWE |
| 80 TIMOTHY CLEVINGER | 112 JO ANNE MCGILL |
| 81 HARRY SLEPPY | 113 EARL LIEB |
| 82 CLAIR LIMRICK | 114 THEODORE LIEB |
| 83 MARTHA BENNETT | 115 GERALD LIEB |
| 84 SALVATORE VALENTI | 130 GEORGE RUFFNER |
| 85 MARK LUKOWSKI | 131 MARY ODENTHAL |
| 86 DAVID CAMPBELL | 132 |
| 87 DANIEL DETWILER | |
| 88 DANIEL CEKADA | |

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

- 2116.81 Acres
- 2028.32 Acres
- 729 Acres
- 55 Acres
- 25 Acres

LOWER KITTANNING PROPOSED MINING FORECAST

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

- 1 First Year
- 2 Second Year
- 3 Third Year
- 4 Fourth Year
- 5 Fifth Year

