

**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.**

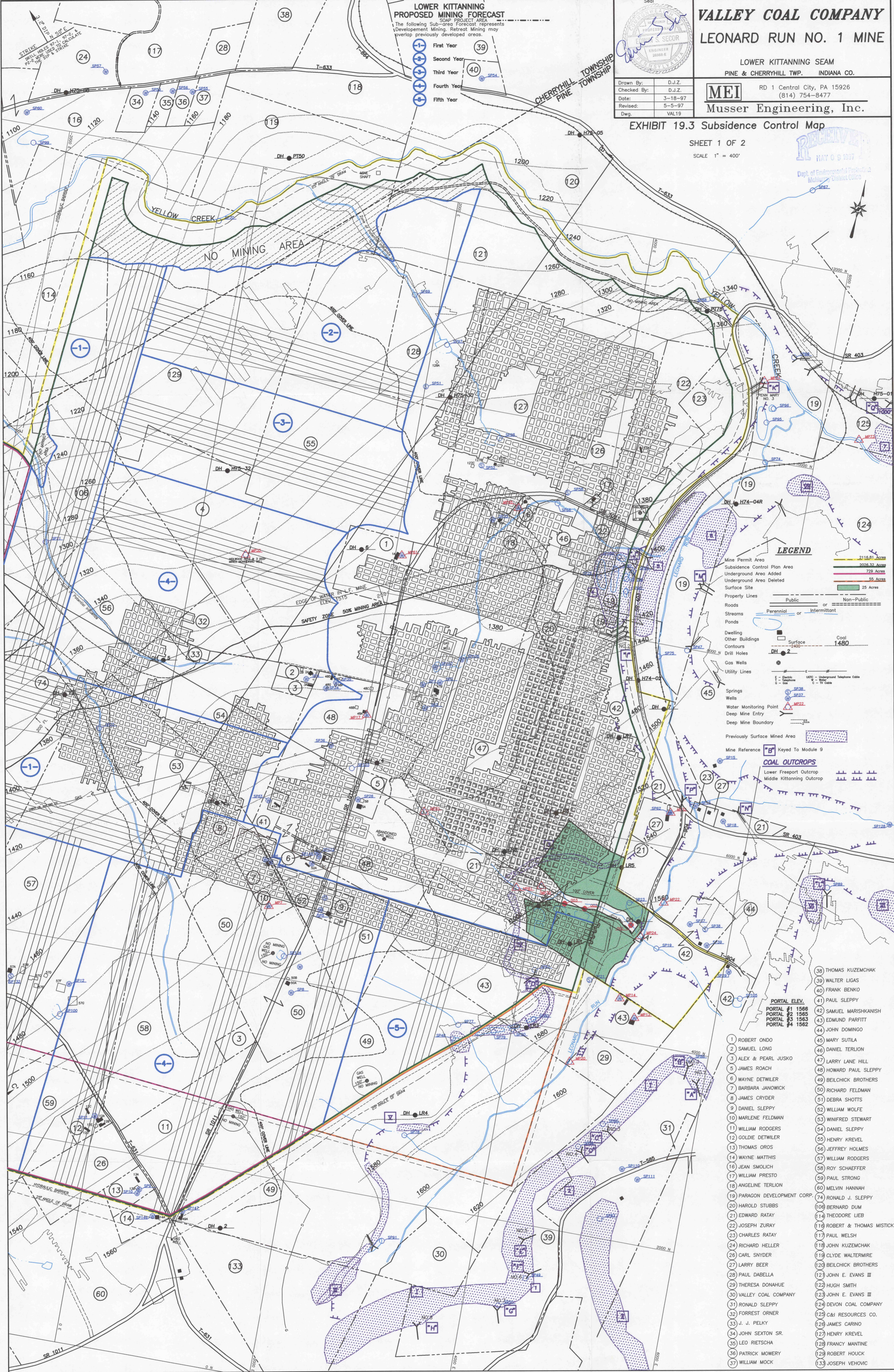
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VAL19

**LOWER KITTANNING PROPOSED MINING FORECAST**  
SOAP PROJECT AREA  
The following Sub-area Forecast represents Development Mining. Retreat Mining may overlap previously developed areas.

First Year 39  
Second Year 40  
Third Year 40  
Fourth Year 40  
Fifth Year 40

EXHIBIT 19.3 Subsidence Control Map

SHEET 1 OF 2  
SCALE 1" = 400'



**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
- Mine Reference
- Coal Outcrops

- 38 THOMAS KUZEMCHAK  
39 WALTER LIGAS  
40 FRANK BENKO  
41 PAUL SLEPPY  
42 SAMUEL MARISHKANISH  
43 EDMUND PARFITT  
44 JOHN DOMINGO  
45 MARY SUTILA  
46 DANIEL TERLION  
47 LARRY LANE HILL  
48 HOWARD PAUL SLEPPY  
49 BEILCHICK BROTHERS  
50 RICHARD FELDMAN  
51 DEBRA SHOTS  
52 WILLIAM WOLFE  
53 WINIFRED STEWART  
54 DANIEL SLEPPY  
55 HENRY KREVEL  
56 JEFFREY HOLMES  
57 WILLIAM RODGERS  
58 ROY SCHAEFFER  
59 PAUL STRONG  
60 MELVIN HANNAH  
61 RONALD J. SLEPPY  
62 BERNARD DUM  
63 THEODORE LIEB  
64 ROBERT & THOMAS MISTICK  
65 PAUL WELSH  
66 JOHN KUZEMCHAK  
67 CLYDE WALTERMIRE  
68 BEILCHICK BROTHERS  
69 JOHN E. EVANS III  
70 HUGH SMITH  
71 JOHN E. EVANS III  
72 DEVON COAL COMPANY  
73 C&I RESOURCES CO.  
74 JAMES CARINO  
75 HENRY KREVEL  
76 FRANCY MANTINE  
77 ROBERT HOUCK  
78 JOSEPH VEHOVIC