









PREPARED FOR
VALLEY COAL COMPANY

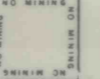
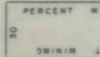
LEONARD RUN NO. 1 MINE
LOWER KITTANNING COAL SEAM
SITUATE
PINE TOWNSHIP, INDIANA COUNTY,
PENNSYLVANIA

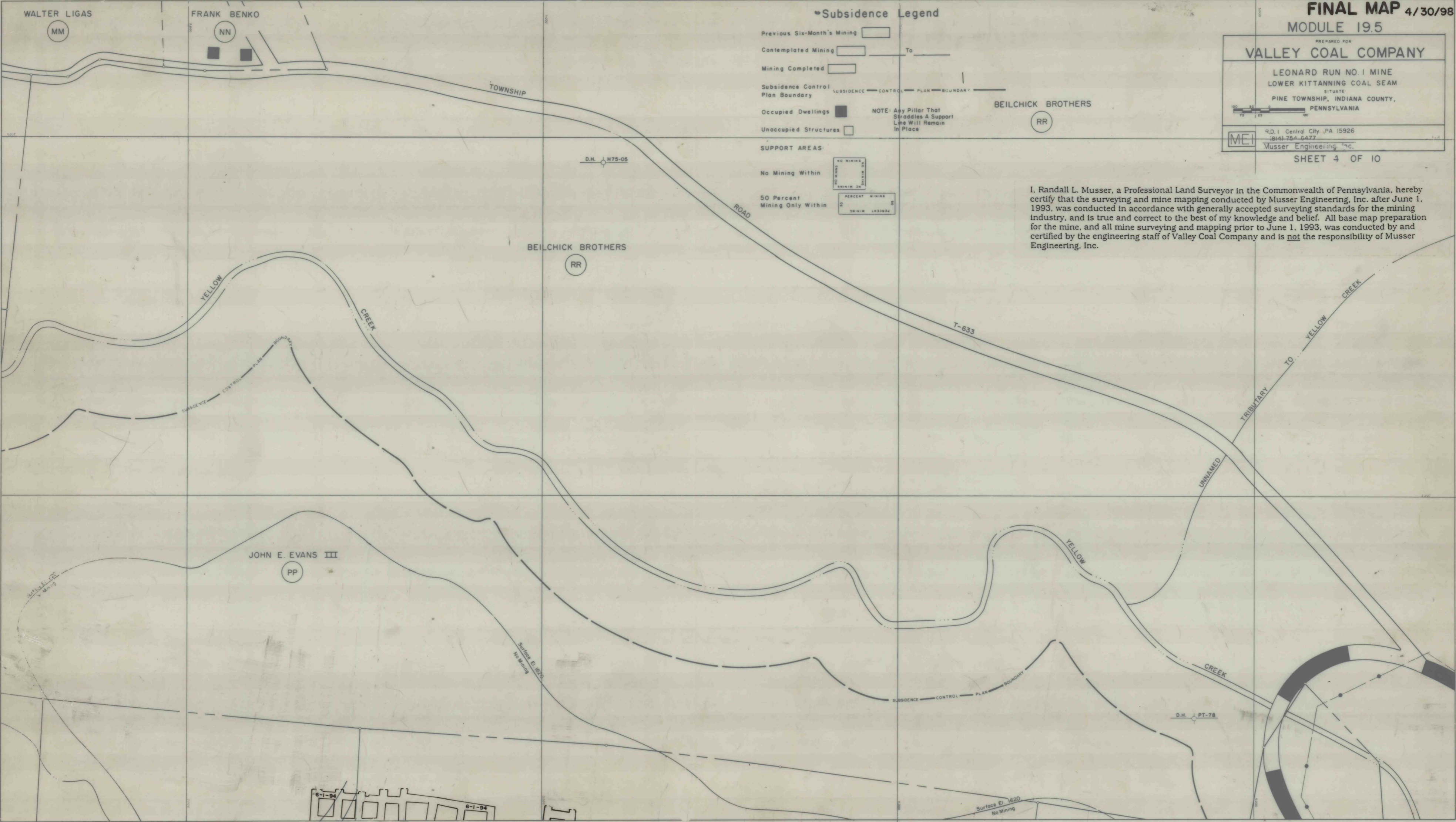
R.D. 1 Central City, PA 15926
(814) 754-6477
Musser Engineering, Inc.

Subsidence Legend

- Previous Six-Month's Mining 
- Contemplated Mining  To 
- Mining Completed 
- Subsidence Control Plan Boundary  SUBSIDENCE CONTROL PLAN BOUNDARY 
- Occupied Dwellings 
- Unoccupied Structures 

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

- SUPPORT AREAS:**
- No Mining Within 
 - 50 Percent Mining Only Within 



I, 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.