



Mapped, edited, and published by the Geological Survey  
 Control by USGS, USC&GS, and USCE  
 Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1968  
 Polyconic projection. 1927 North American datum  
 10,000-foot grid based on Pennsylvania coordinate system, south zone  
 1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue  
 Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked  
 Area covered by dashed light-blue pattern is subject to controlled inundation  
 Revisions shown in purple compiled in cooperation with State of Pennsylvania agencies from aerial photographs taken 1973. This information not field checked

SCALE 1:24,000  
 CONTOUR INTERVAL 20 FEET  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION  
 Secondary highway, all weather, hard surface  
 Light-duty road, all weather, improved surface  
 Unimproved road, fair or dry weather  
 State Route

PLUMVILLE, PA.  
 N4045-W7907 5/7.5  
 PHOTOINSPECTED 1977  
 1968  
 PHOTOREVISED 1973  
 AMS 5165 1 SW-SERIES V83

Permit Boundary  
 Subsidence Boundary  
 Index (6 Month Maps)  
 Sheet-1

Unless shown otherwise, the subsidence control boundary is the same as the mine permit boundary.

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER JAMES J. SZALANKIEWICZ No. 39464-E

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| PROJECT     |                                  |
|-------------|----------------------------------|
| Revisions   | 08-10-07                         |
| FOR         | 01-03-08                         |
| LOCATION    | South Mahoning Twp., Indiana Co. |
| SEAM        | UPPER FREEPORT COAL SEAM         |
| DRAWN BY    | JMO                              |
| DATE        | 05-08-02                         |
| SCALE       | 1" = 2000'                       |
| DRAWING NO. | Exhibit 22.3                     |

Rossmoyne No. 1 Deep Mine  
 T.J.S. Mining, Inc.  
 2340 Smith Road, Shelocta, PA 15774