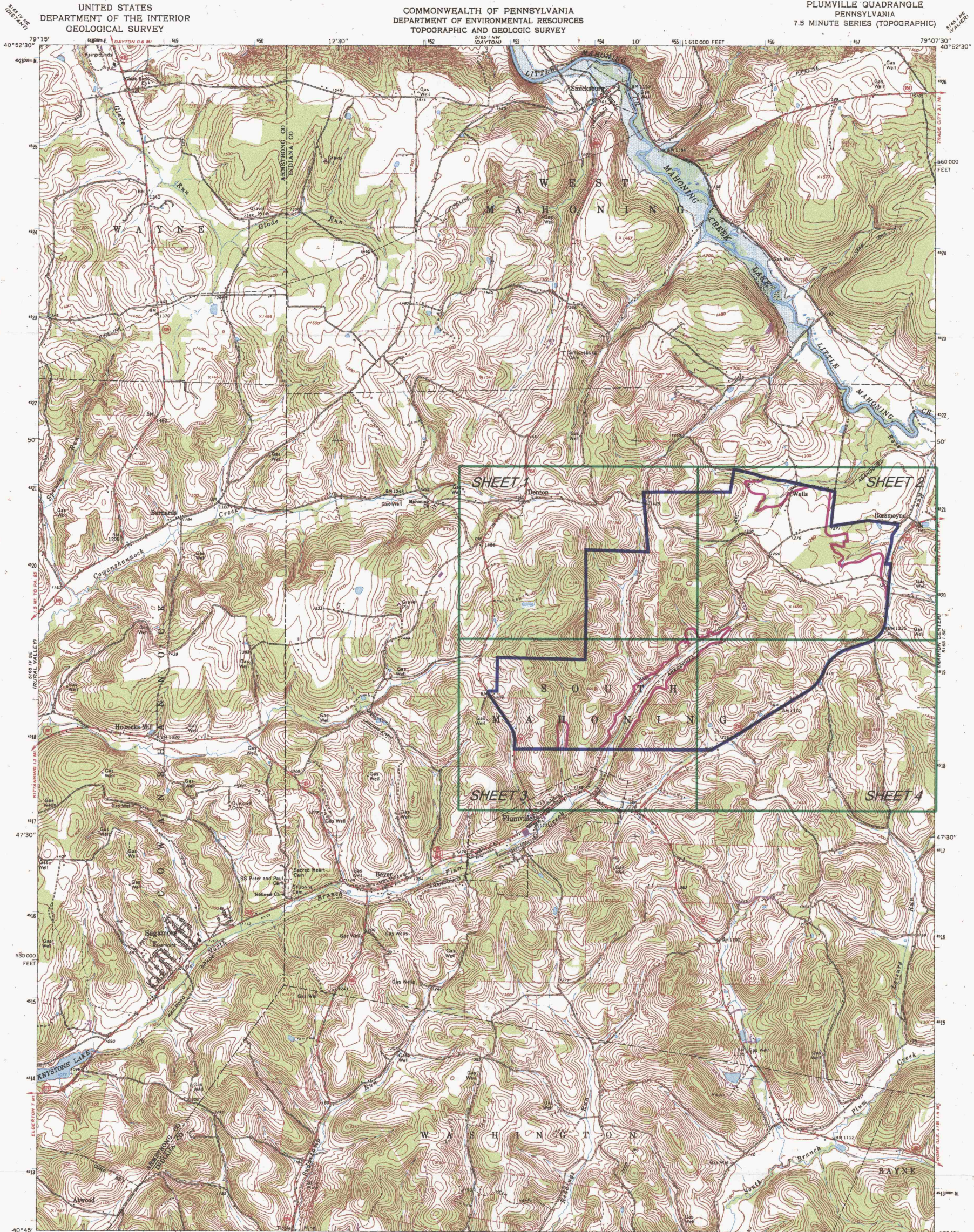
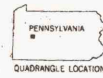
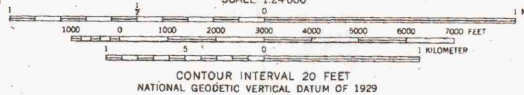
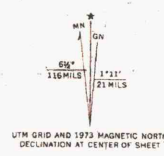




Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE
Topography by photogrammetric methods from aerial photographs
taken 1967. Field checked 1968
Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system, south zone
1000-meter 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



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

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



James J. Szalankiewicz

Map photoinspected 1977
No major culture or drainage changes observed

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

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

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JAN - 4 2008
Dept. of Environmental Protection
Commonwealth of Pennsylvania

PROJECT	
Rossmoyne No. 1 Deep Mine	
T.J.S. Mining, Inc.	
2340 Smith Road, Shelocta, PA 15774	
South Mahoning Twp., Indiana Co.	
UPPER FREEPORT COAL SEAM	
DRAWN BY	JMO
DATE	05-08-02
SCALE	1" = 2000'
DRAWING NO.	Exhibit 22.3