

This map submitted in compliance with
THE BITUMINOUS SUBSIDENCE AND LAND
CONSERVATION ACT OF 1966
By - Valley Coal Co., Applicant
Known as Valley No. 11
Mining the Lower Freeport Seam
Situate in Pine Township, Indiana County, Pa.
Application dated: September 1, 1966
Prepared by: Martin C. Kirsch, PE
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Spangler, Pa. 15775

B-T #24

852L-806-018

709-717



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1958. Field checked 1961
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

6 1/2"
TILE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
REDUCTION 1961

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
U.S. Route ——— State Route ———

STRONGTOWN, PA.