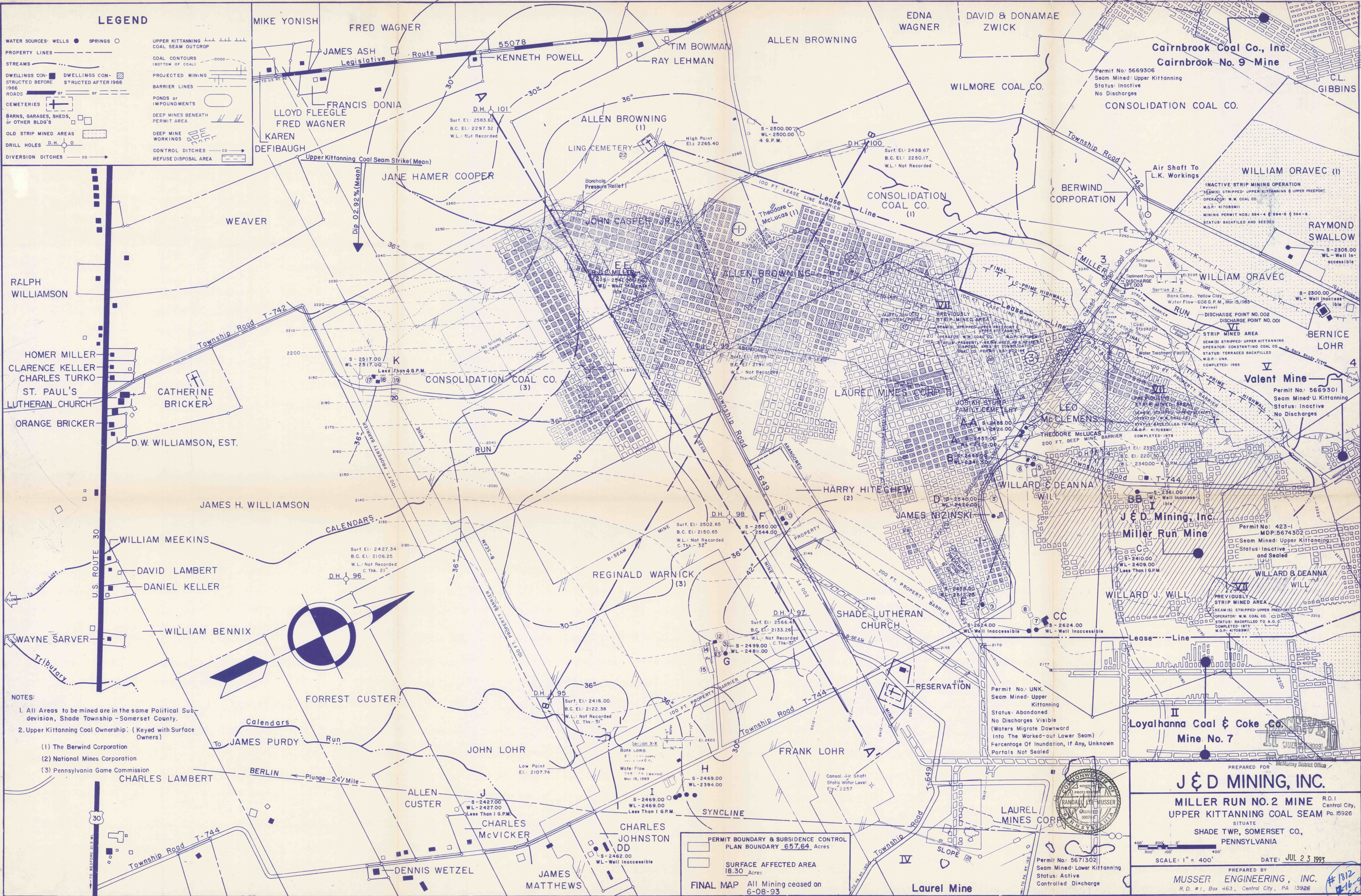


LEGEND

- WATER SOURCES: WELLS ● SPRINGS ○
- PROPERTY LINES - - - - -
- STREAMS - - - - -
- DWELLINGS CON-STRUCTED BEFORE 1966
- ROADS - - - - -
- CEMETERIES
- BARN, GARAGES, SHEDS, or OTHER BLDG'S
- OLD STRIP MINED AREAS
- DRILL HOLES D.H. ○
- DIVERSION DITCHES - - - - -
- UPPER KITTANNING COAL SEAM OUTCROP
- COAL CONTOURS (BOTTOM OF COAL)
- PROJECTED MINING BARRIER LINES
- PONDS or IMPONDMENTS
- DEEP MINES BENEATH PERMIT AREA
- DEEP MINE WORKINGS
- CONTROL DITCHES - - - - -
- REFUSE DISPOSAL AREA



- NOTES:**
- All Areas to be mined are in the same Political Sub-division, Shade Township - Somerset County.
 - Upper Kittanning Coal Ownership: (Keyed with Surface Owners)
 - (1) The Berwind Corporation
 - (2) National Mines Corporation
 - (3) Pennsylvania Game Commission

Permit No. UNK.
Seam Mined: Upper Kittanning
Status: Abandoned
No Discharges Visible
(Waters Migrate Downward Into the Worked-out Lower Seam)
Percentage Of Inundation, if Any, Unknown
Portals Not Sealed

PREPARED FOR
J & D MINING, INC.

MILLER RUN NO. 2 MINE R.D. 1
UPPER KITTANNING COAL SEAM Central City,
Pa. 15926

SITUATE
SHADE TWP., SOMERSET CO.,
PENNSYLVANIA

SCALE: 1" = 400'
DATE: JUL 23 1993

PREPARED BY
MUSSER ENGINEERING, INC.
R. D. # 1, Box 463, Central City, PA 15926

EXHIBIT "A" (REVISED)

PERMIT BOUNDARY & SUBSIDENCE CONTROL
PLAN BOUNDARY 657.64 Acres

SURFACE AFFECTED AREA
18.30 Acres

FINAL MAP All Mining ceased on
6-08-93

