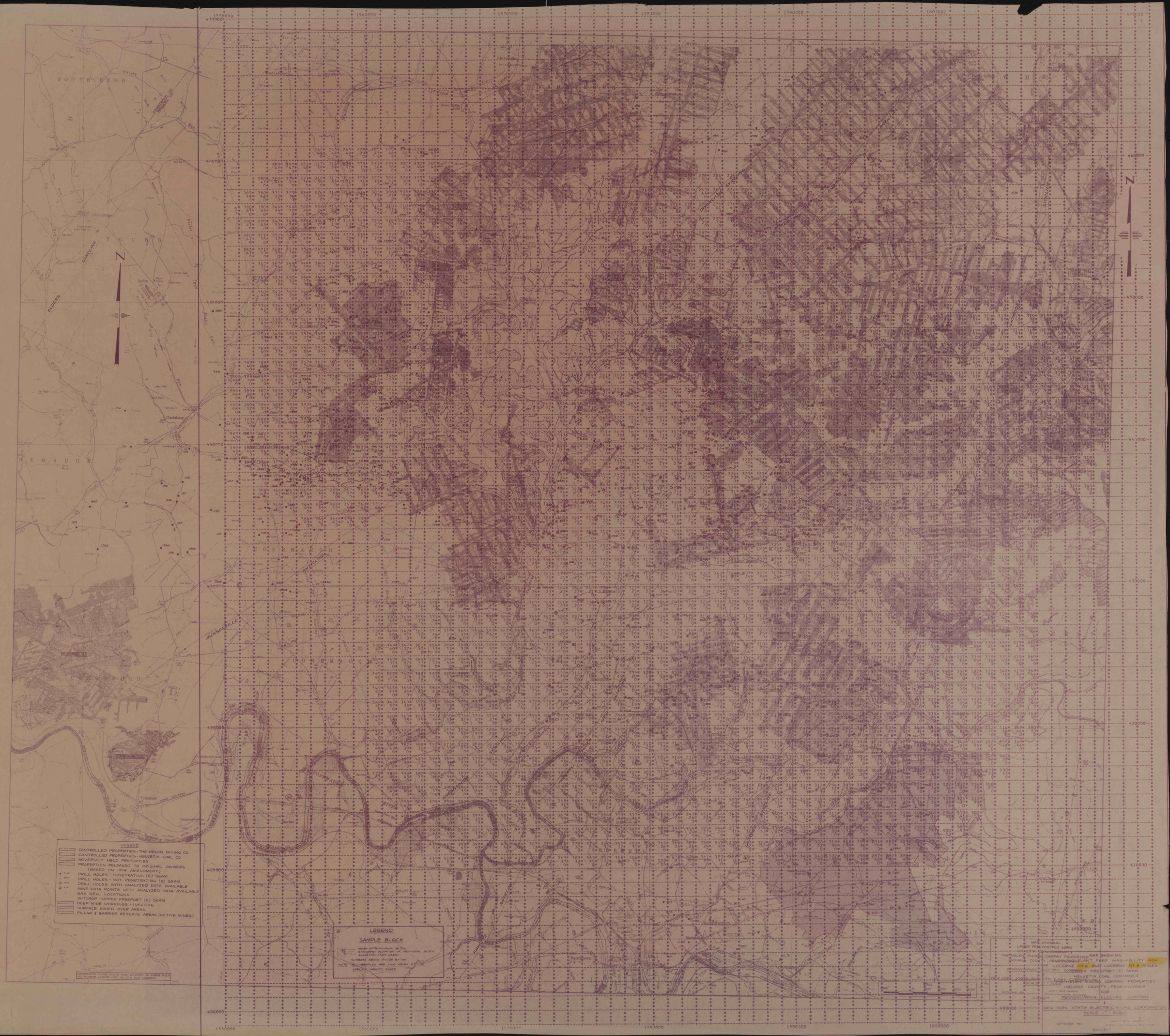
SOUTH BEND
YOUNG
ELDERS
SYNCLINE
Clarksburg
NEMAUGH
CONEMAUGH
JACKSONVILLE
ANTICLINE
SYNCLINE
Tunnelton
NEW YORK CENTRAL
LEGEND
CONTROLLED PROPERTIES - THE HELEN MINING CO
CONTROLLED PROPERTIES - HELVETIA COAL CO
ADVERSELY HELD PROPERTIES
PROPERTIES RELEASED TO ORIGINAL OWNERS (BASED ON 1974 AMENDMENT)
DRILL HOLES - PENETRATING (E) SEAM
DRILL HOLES - NOT PENETRATING (E) SEAM
DRILL HOLES WITH ANALYZED DATA AVAILABLE
MINE DATA POINTS WITH ANALYZED DATA AVAILABLE
GAS WELL LOCATIONS
OUTCROP - UPPER FREEPORT (E) SEAM
DEEP MINE WORKINGS - INACTIVE
SURFACE MINED OVER AREAS
PILLAR & BARRIER RESERVE AREAS (ACTIVE MINES)
LEGEND
SAMPLE BLOCK
MEAN OF INDIVIDUAL BLOCK
STANDARD DEVIATION OF INDIVIDUAL BLOCK
ELEVATION (NOT USED)
NUMBERS ABOVE DIVIDE BY 100
NOTE: ALL SAMPLES ARE -100 MESH AFTER SPECIAL GRAVITY FLOAT
MAP SHOWING
UPPER FREEPORT (E) SEAM
THE HELEN MINING COMPANY PROPERTIES
INDIANA COUNTY, PENNSYLVANIA
PENNSYLVANIA ELECTRIC COMPANY
NEW YORK STATE ELECTRIC & GAS CORPORATION
MAP SHOWING
PLANT FEED WASHABILITY ASH
LUCERNE #1 AND LUCERNE #2 & #3 MINES
UPPER FREEPORT (E) SEAM
HELVETIA COAL COMPANY &
HELEN MINING COMPANY PROPERTIES
INDIANA COUNTY, PENNSYLVANIA
FOR
PENNSYLVANIA ELECTRIC COMPANY
NEW YORK STATE ELECTRIC & GAS CORPORATION
SCALE 1" = 2000'
SEPTEMBER 1980
EXHIBIT