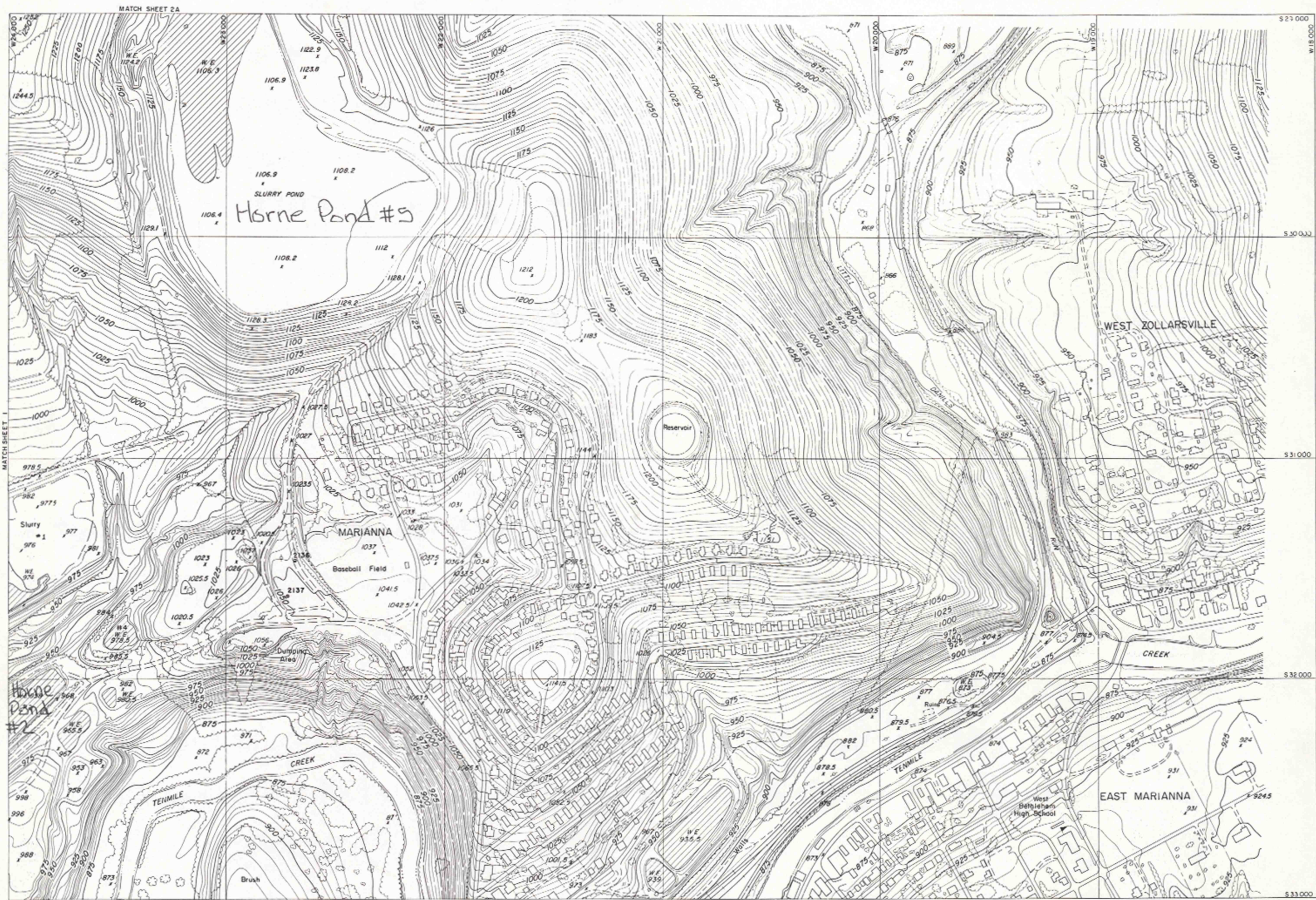




THIS MAP PREPARED BY PHOTOGRAMMETRIC METHODS USING AERIAL PHOTOGRAPHY DATED APRIL 29, 1973 BY L. ROBERT KIMBALL, CONSULTING ENGINEERS, EBENSBURG, PENNSYLVANIA

THIS MAP IN PART REVISED FROM NEW AERIAL PHOTOGRAPHY DATED FEBRUARY 27, 1976, MARCH 20, 1979, OCTOBER 4, 1984, MARCH 25, 1986, & PT. 30, 1989.

	2A
1	2
3	4

TOPOGRAPHIC MAP
OF
MARIANNA AREA
FOR
BETHENERGY MINES INC.
PENNSYLVANIA DIVISION

SCALE: 1" = 200' 400' NOVEMBER, 1973
CONTOUR INTERVAL = 5'

IMAPS # 16753