

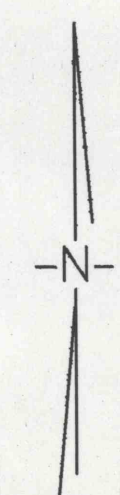


Rochester & Pittsburgh Coal Co.
Armstrong County
Reserve Evaluation
Project

LOWER FREEPORT SHALE THICKNESS MAP
for the
RURAL VALLEY QUADRANGLE
Scale 1 inch = 1200 feet
October 1991

GRAPHIC SCALE
1"=1200'
0 1200 2400 3600

DATE : WED OCT 30 10:45:05 1991
PROJECT : K-ARM-RV



IMAPS #19163