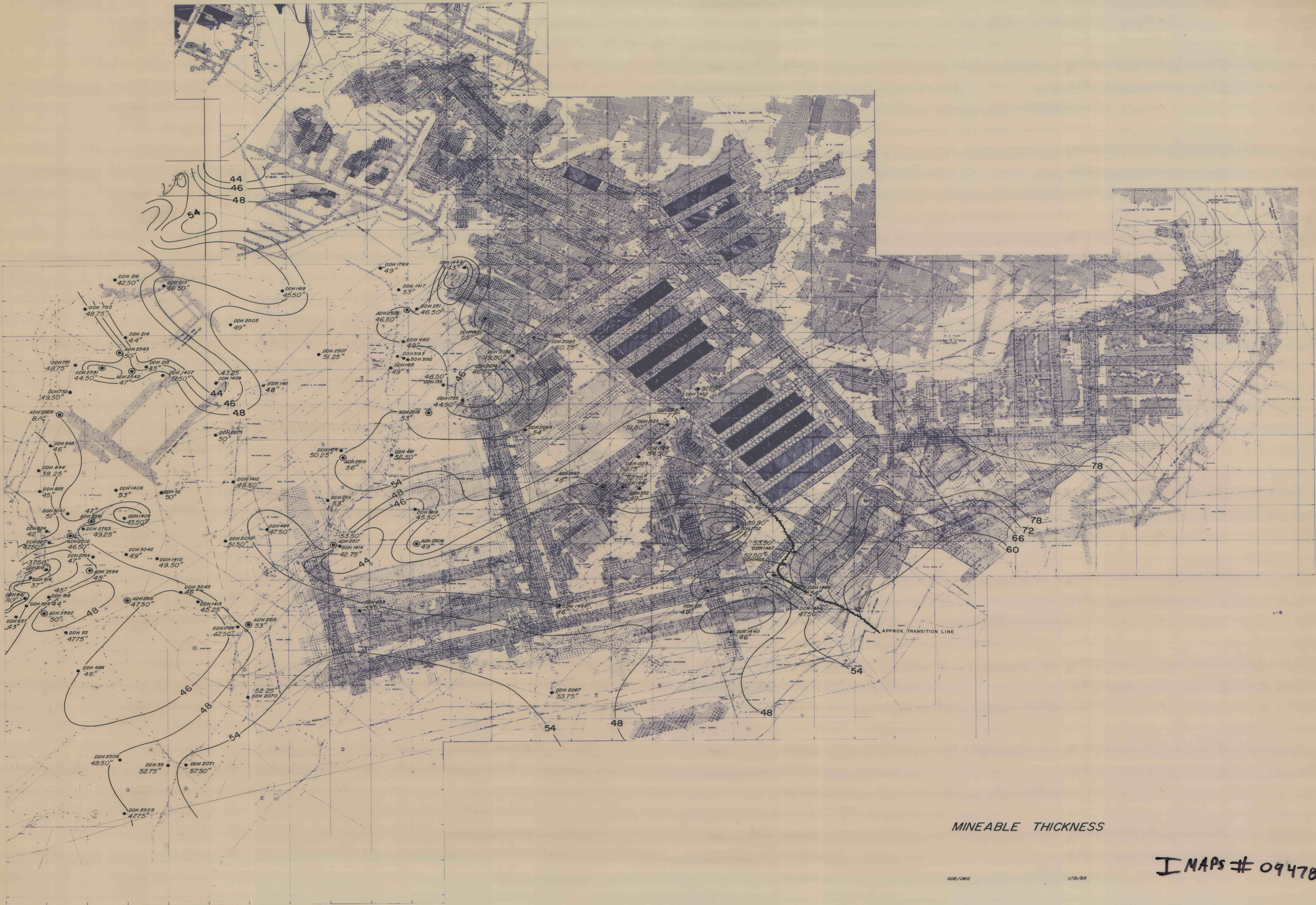




MINEABLE THICKNESS

I MAPS # 09478

GDH/JMQ 1/19/89

LUCERNE NO. 6 MINE - HELVETIA COAL CO.
BLACKLICK & CENTER TOWNSHIPS, INDIANA CO.
SCALE: 1"=1000' DATE: 6-1-86