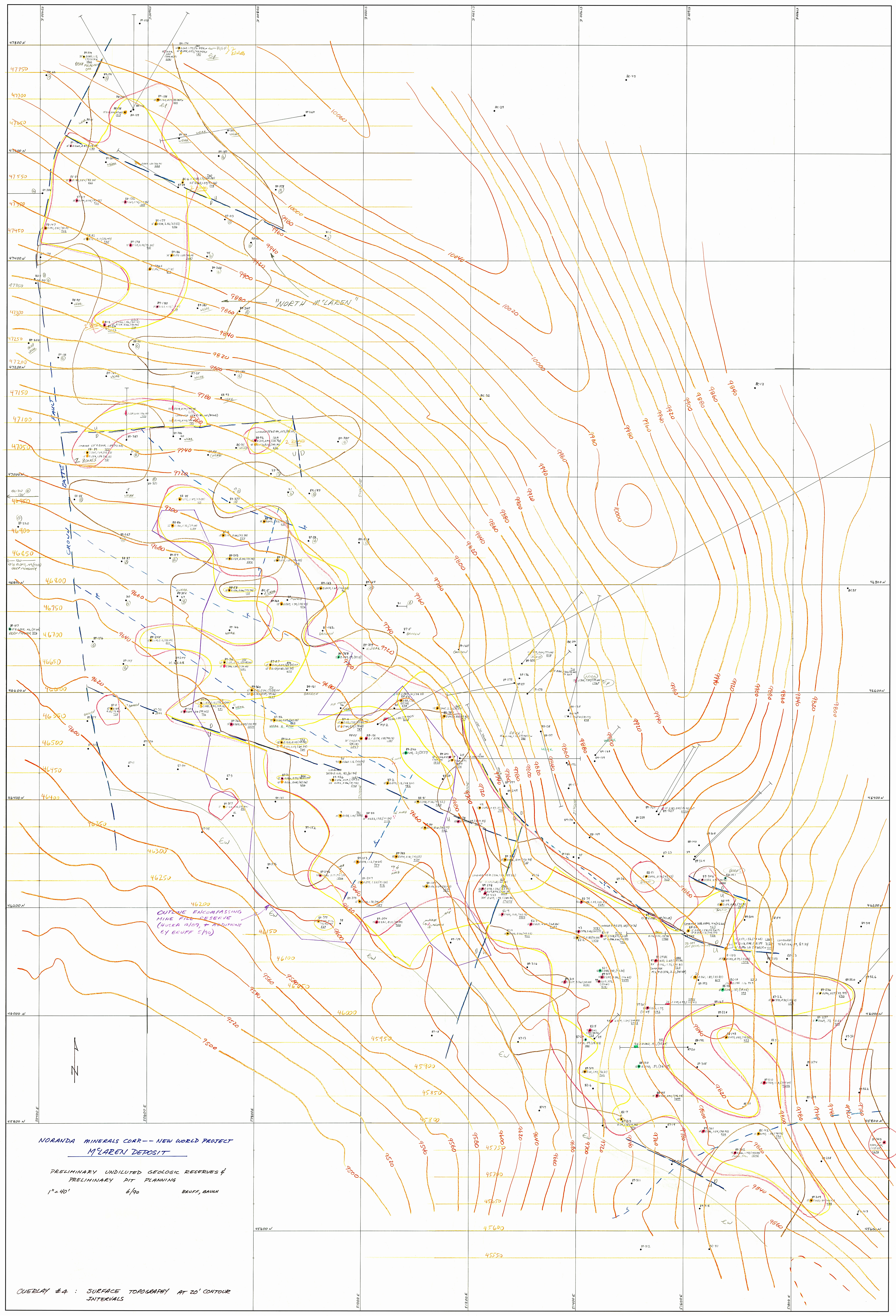




NORANDA MINERALS CORP -- NEW WORLD PROJECT
M'LAREN DEPOSIT

PRELIMINARY UNDILUTED GEOLOGIC RESERVES &
PRELIMINARY PIT PLANNING

1"=40' 6/90 BRUFF, BAUM

OVERLAY #4 : SURFACE TOPOGRAPHY AT 20' CONTOUR
INTERVALS