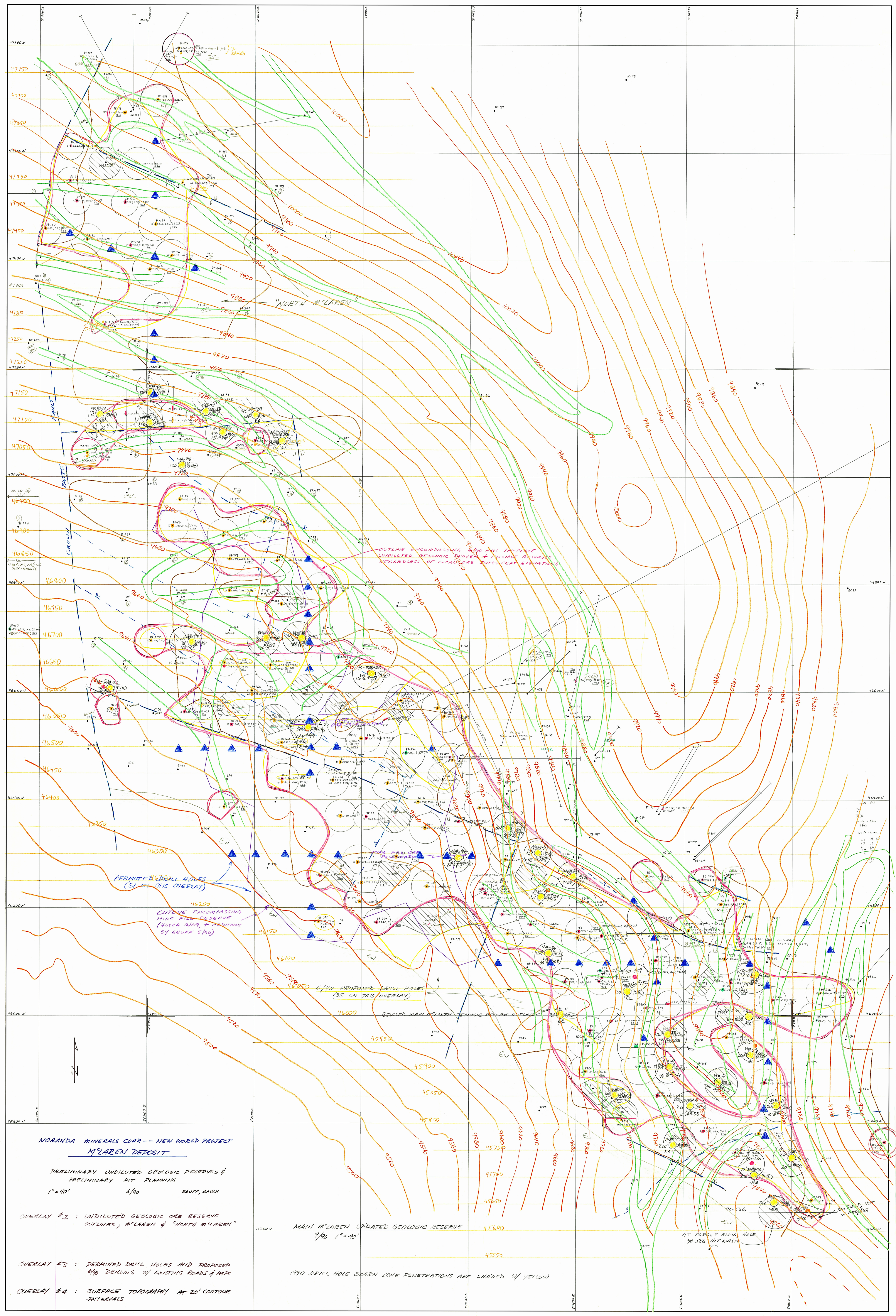




NORANDA MINERALS CORP -- NEW WORLD PROJECT
M'LAREN DEPOSIT

PRELIMINARY UNDILUTED GEOLOGIC RESERVES &
PRELIMINARY PIT PLANNING
1"=40' 6/90 BRUFF, BAUM

OVERLAY #1 : UNDILUTED GEOLOGIC ORE RESERVE
OUTLINES; M'LAREN & "NORTH M'LAREN"

OVERLAY #3 : PERMITTED DRILL HOLES AND PROPOSED
6/90 DRILLING OF EXISTING ROADS & ADPS

OVERLAY #4 : SURFACE TOPOGRAPHY AT 20' CONTOUR
INTERVALS

MAIN M'LAREN UPDATED GEOLOGIC RESERVE
9/90 1"=40'

1990 DRILL HOLE SKARN ZONE PENETRATIONS ARE SHADED W/ YELLOW

AT TARGET ELEV. HOLE
90-SSG HIT WASTE