



PLATE #1

VOLUME ESTIMATE & X-SECTIONS

HGG = HIGH GRADE GRAVEL
MGG = MEDIUM GRADE GRAVEL

NOTE: DATA DOES NOT SUPPORT COMPLETE MODELING OF DNR PARCEL
ORIGINAL TOPO MODELED FROM DIGITIZED CONSULTANT MAP AND USGS DEM
BORE HOLE GEOLOGY AND ANALYSIS LOGGED BY DNR MINERALS AND MNDOT
GRAVEL RESOURCE COMPUTED FROM EAST/WEST X-SECTIONS AND
NORTH/SOUTH END SECTIONS

ESTIMATE PARAMETERS : 4:1 SIDE SLOPES ON NORTH EAST AND WEST SIDES
BOTTOM ELEVATION OF 820 FOR ONE ESTIMATE AND A BOTTOM ELEVATION
OF 805 FOR A SECOND ESTIMATE

VOLUMETRIC ESTIMATE:

- 270,330 CY. GRAVEL TO 820 ELEVATION
- 135,390 ADDITIONAL CY. TO 805 ELEVATION
- TOTAL GRAVEL ESTIMATE TO 805 ELEVATION 405,720 CY.

