

CUT / FILL = EARTH ROCK 75% / 25% 8% NOT USEABLE

SWELL = +43%

SHRINK = -9%

BORROW PIT = GRANITE

SWELL = +72%

SHRINK = +43%

BUDGET

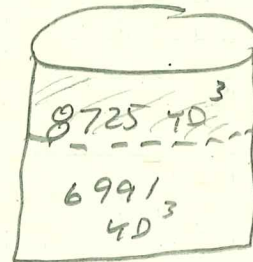
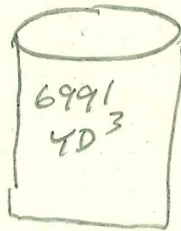
CUT VOLUME = 8350 YD<sup>3</sup>

FILL VOLUME = 8725 YD<sup>3</sup>

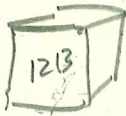
CUT VOL



$$\times 0.92 = 7682 \text{ YD}^3 \times 0.91 = 6991 \text{ YD}^3$$



$$\text{DEFICIT} = 8725 - 6991 = 1734 \text{ YD}^3$$

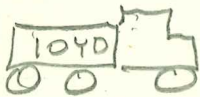


$$\rightarrow 1734 \times 1.43$$

$$1734 \text{ cu. YD}^3 = \text{VOL SOLID} \times 1.43$$

$$1213 \text{ cu. YD}^3 =$$

1.72



$$1213 \times 1.72 = \frac{2086 \text{ YD}^3}{10 \text{ YD}^3/\text{TRUCK}} \approx 209 \text{ TRUCK}$$