

ZONE 2TOTAL MATERIAL MOVEMENT = 3,623,583 yd³3750

.591	.206
1.178	.413
.589	.206

$$\text{AREA} = .795 \times 160,000 = 127,200 \text{ ft}^2$$

$$\text{Vol.} = \frac{127,200 \times 40}{27} = \underline{\underline{188,444 \text{ yd}^3}}$$

3790

2.518
5.032
2.516

$$\text{AREA} = 2.516 \times 160,000 = 402,560 \text{ ft}^2$$

$$\text{Vol} = \frac{402,560 \times 40}{27} = \underline{\underline{596,385 \text{ yd}^3}}$$

3830

4.178
8.358
4.179

$$\text{AREA} = 4.179 \times 160,000 = 668,640 \text{ ft}^2$$

$$\text{Vol.} = \frac{668,640 \times 40}{27} = \underline{\underline{990,577 \text{ yd}^3}}$$

ZONE 2

3870

4.455
8.922
4.461

$$\text{AREA} = 4.461 \times 160,000 = 713,760$$

$$\text{Vol.} = \frac{713,760 \times 40}{27} = \underline{\underline{1,057,422 \text{ yd}^3}}$$

3950

.658
1.318
.659

$$\text{AREA} = .659 \times 160,000 = 105,440 \text{ ft}^2$$

$$\text{Vol} = \frac{105,440 \times 40}{27} = \underline{\underline{156,207 \text{ yd}^3}}$$

3910

2.675
5.354
2.677

$$\text{AREA} = 2.677 \times 160,000 = 428,320 \text{ ft}^2$$

$$\text{Vol} = \frac{428,320 \times 40}{27} = \underline{\underline{634,548 \text{ yd}^3}}$$

$$\text{TOTAL} = \underline{\underline{3,623,583 \text{ yd}^3}}$$

ORE TO WASTE 1: 2.9

