

ULTIMATE PIT - April 1973 Design

000904

Zones 1 & 3

(Quantities Measured Are Those Remaining At January 1, 1973)

DAE 1973 PRILLING

| Bench | Total Yardage | Zone No. 1 | | | Zone No. 3 | | | Total Ore Tonnage | Total Ore Yardage | Waste Yardage |
|-------|--------------------|-------------------|-----------------|------------------|-------------------|-----------------|------------------|-------------------|-------------------|-------------------|
| | | Tons of Ore | Grade | Yd. of Ore | Tons of Ore | Grade | Yd. of Ore | | | |
| 4275 | 54,430 | | | | | | | | 54,430 | |
| 4300 | 303,070 | | | | | | | | 303,070 | |
| 4315 | 979,780 | | | | | | | | 979,780 | |
| 4170 | 1,781,480 | | | | | | | | 1,781,480 | |
| 4135 | 2,343,680 | | | | | | | | 2,343,680 | |
| 4100 | 2,889,560 | | | | | | | | 2,889,560 | |
| 4065 | 3,747,840 | | | | | | | | 3,747,840 | |
| 4030 | 4,038,070 | 4,950 | 1.7, 4.6 | 1,560 | | | 4,950 | 1,560 | 4,036,510 | |
| 3990 | 6,345,590 | 96,510 | 2.4, 5.3 | 30,350 | | | 96,510 | 30,350 | 6,315,240 | |
| 3950 | 8,457,380 | 398,360 | 2.7, 6.4 | 125,270 | | | 398,360 | 125,270 | 8,332,110 | |
| 3910 | 9,142,640 | 867,780 | 3.3, 6.7 | 272,890 | | | 867,780 | 272,890 | 8,869,750 | |
| 3870 | 8,734,010 | 2,003,410 | 3.3, 5.6 | 630,000 | 11,310 | 4.0, 6.3 | 3,560 | 2,014,720 | 633,560 | 8,100,450 |
| 3830 | 8,438,800 | 3,340,950 | 3.9, 6.2 | 1,050,610 | 92,810 | 3.2, 6.8 | 29,180 | 3,433,760 | 1,079,790 | 7,359,010 |
| 3790 | 7,866,550 | 3,171,510 | 3.7, 6.1 | 997,330 | 333,310 | 2.2, 4.6 | 104,810 | 3,504,820 | 1,102,140 | 6,764,410 |
| 3750 | 7,091,730 | 3,030,240 | 3.5, 5.8 | 952,910 | 375,240 | 2.3, 4.5 | 118,000 | 3,405,480 | 1,070,910 | 6,020,820 |
| 3710 | 6,205,820 | 3,394,350 | 3.7, 6.1 | 1,067,400 | 227,780 | 2.0, 5.0 | 71,630 | 3,622,130 | 1,139,030 | 5,066,790 |
| 3670 | 5,465,230 | 2,886,490 | 3.5, 5.8 | 907,700 | 238,620 | 1.7, 4.8 | 75,040 | 3,125,110 | 982,740 | 4,482,490 |
| 3630 | 4,638,200 | 2,625,500 | 3.2, 5.6 | 825,630 | 321,300 | 2.0, 5.1 | 101,040 | 2,946,800 | 926,670 | 3,711,530 |
| 3590 | 3,918,270 | 2,130,360 | 3.0, 5.6 | 669,920 | 224,720 | 3.0, 6.2 | 70,670 | 2,355,080 | 740,590 | 3,177,680 |
| 3550 | 3,255,230 | | | | 2,188,070 | 2.8, 5.6 | 688,070 | 2,188,070 | 688,070 | 2,567,160 |
| 3510 | 2,693,510 | | | | 2,812,750 | 3.0, 5.8 | 884,510 | 2,812,750 | 884,510 | 1,809,000 |
| 3470 | 2,221,110 | | | | 3,571,240 | 3.5, 5.3 | 1,123,030 | 3,571,240 | 1,123,030 | 1,098,080 |
| 3430 | 1,735,160 | | | | 4,125,040 | 3.2, 5.1 | 1,297,180 | 4,125,040 | 1,297,180 | 437,980 |
| 3390 | 619,490 | | | | 1,958,170 | 2.6, 5.0 | 615,780 | 1,958,170 | 615,780 | 3,710 |
| | <u>102,966,630</u> | <u>23,950,410</u> | <u>3.5, 5.2</u> | <u>7,531,570</u> | <u>16,480,360</u> | <u>3.0, 5.2</u> | <u>5,182,500</u> | <u>40,430,770</u> | <u>12,714,070</u> | <u>90,252,560</u> |

Notes: (1) Bench 3350 not counted in ultimate pit
 (2) Benches 4275 - 4030 are 35'; 4030 - 3390 are 40'.

J. McL.
 May 18, 1973

ULTIMATE PIT - April 1973 Design

Zones 1 & 3

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| Bench | Total Yardage | Zone No. 1 | | | Zone No. 3 | | | Total Ore Tonnage | Total Ore Yardage | Waste Yardage |
|-------|--------------------|-------------------|-----------------|------------------|-------------------|-----------------|------------------|-------------------|-------------------|-------------------|
| | | Tons of Ore | Grade | Yd. of Ore | Tons of Ore | Grade | Yd. of Ore | | | |
| 4275 | 54,430 | | | | | | | | | 54,430 |
| 4240 | 303,070 | | | | | | | | | 303,070 |
| 4205 | 979,780 | | | | | | | | | 979,780 |
| 4170 | 1,781,480 | | | | | | | | | 1,781,480 |
| 4135 | 2,343,680 | | | | | | | | | 2,343,680 |
| 4100 | 2,889,560 | | | | | | | | | 2,889,560 |
| 4065 | 3,747,840 | | | | | | | | | 3,747,840 |
| 4030 | 4,038,070 | 4,950 | 1.7, 4.6 | 1,560 | | | 4,950 | | 1,560 | 4,036,510 |
| 3990 | 6,345,590 | 96,510 | 2.4, 5.3 | 30,350 | | | 96,510 | | 30,350 | 6,315,240 |
| 3950 | 8,457,380 | 398,360 | 2.7, 6.4 | 125,270 | | | 398,360 | | 125,270 | 8,332,110 |
| 3910 | 9,142,640 | 867,780 | 3.3, 6.7 | 272,890 | | | 867,780 | | 272,890 | 8,869,750 |
| 3870 | 8,734,010 | 2,003,410 | 3.3, 5.6 | 630,000 | 11,310 | 4.0, 6.3 | 3,560 | 2,014,720 | 633,560 | 8,100,450 |
| 3830 | 8,438,800 | 3,340,950 | 3.9, 6.2 | 1,050,610 | 92,810 | 3.2, 6.8 | 29,180 | 3,433,760 | 1,079,790 | 7,359,010 |
| 3790 | 7,866,550 | 3,171,510 | 3.7, 6.1 | 997,330 | 333,310 | 2.2, 4.6 | 104,810 | 3,504,820 | 1,102,140 | 6,764,410 |
| 3750 | 7,091,730 | 3,030,240 | 3.5, 5.8 | 952,910 | 375,240 | 2.3, 4.5 | 118,000 | 3,405,480 | 1,070,910 | 6,020,820 |
| 3710 | 6,205,820 | 3,394,350 | 3.7, 6.1 | 1,067,400 | 227,780 | 2.0, 5.0 | 71,630 | 3,622,130 | 1,139,030 | 5,066,790 |
| 3670 | 5,465,230 | 2,886,490 | 3.5, 5.8 | 907,700 | 238,620 | 1.7, 4.8 | 75,040 | 3,125,110 | 982,740 | 4,482,490 |
| 3630 | 4,638,200 | 2,625,500 | 3.2, 5.6 | 825,630 | 321,300 | 2.0, 5.1 | 101,040 | 2,946,800 | 926,670 | 3,711,530 |
| 3590 | 3,918,270 | 2,130,360 | 3.0, 5.6 | 669,920 | 224,720 | 3.0, 6.2 | 70,670 | 2,355,080 | 740,590 | 3,177,680 |
| 3550 | 3,255,230 | | | | 2,188,070 | 2.8, 5.6 | 688,070 | 2,188,070 | 688,070 | 2,567,160 |
| 3510 | 2,693,510 | | | | 2,812,750 | 3.0, 5.8 | 884,510 | 2,812,750 | 884,510 | 1,809,000 |
| 3470 | 2,221,110 | | | | 3,571,240 | 3.5, 5.3 | 1,123,030 | 3,571,240 | 1,123,030 | 1,098,080 |
| 3430 | 1,735,160 | | | | 4,125,040 | 3.2, 5.1 | 1,297,180 | 4,125,040 | 1,297,180 | 437,980 |
| 3390 | 619,490 | | | | 1,958,170 | 2.6, 5.0 | 615,780 | 1,958,170 | 615,780 | 3,710 |
| | <u>102,966,630</u> | <u>23,950,410</u> | <u>3.5, 5.2</u> | <u>7,531,570</u> | <u>16,480,360</u> | <u>3.0, 5.2</u> | <u>5,182,500</u> | <u>40,430,770</u> | <u>12,714,070</u> | <u>90,252,560</u> |

Notes:

- (1) Bench 3350 not counted in ultimate pit
- (2) Benches 4275 - 4030 are 35'; 4030 - 3390 are 40'.

Zone 1+3 Ratio 7.09:1

Jan 1/73 - STOCKPILES

429,921
1,397,716
1,827,637 TONS
= 579,729 Cu Yds

12,719,070
579,729
13,288,799

Include L.G.S.P's
Ratio = 6.79:1

J. McL.
May 18, 1973