

September , 1974

GRUM PROJECT  
(Kerr-AEX)

018299

Hole Elevations  
and Locations:

|      |        |                 |
|------|--------|-----------------|
| A-1  | 765.8' | 76W<br>7+40S    |
| A-2  | 393.0  | OFF ZONE        |
| A-3  | 388.9  | OFF ZONE        |
| A-4  | 743.0  | 75.60W<br>0.40S |
| A-5  | 761.5  | 76W<br>2N       |
| A-6  | 784.0  | 76.50W<br>14N   |
| A-7  | 613.2  | OFF ZONE        |
| A-8  | 812.8  | 84W<br>11N      |
| A-9  | 792.1  | 76W<br>7N       |
| A-10 | 785.0  | 78W<br>2N       |
| A-11 | 724.4  | 74W<br>BL       |
| A-12 | 829.8  | 84W<br>4N       |
| A-13 | 710.0  | 68W<br>BL       |
| 161  | 586.2  | 52W<br>7S       |
| 164  | 654.2  | 60W<br>4S       |
| 166  | 596.2  | 52W<br>8S       |
| 162  | 605'   | 54W<br>6.50S    |
| 165  | 596.2' | 50.50W<br>8. S  |

Sept. 11, 1974

GRUM PROJECT  
(Kerr-AEX)

Hole Locations:

|      |        |                 |
|------|--------|-----------------|
| A-14 | 753'   | 76W<br>3S       |
| A-15 | 838.8' | 92W<br>10N      |
| A-16 | 818.0' | 98W<br>12N      |
| A-17 | 699.2' | 68W<br>4S       |
| A-18 | 858.7' | 92W<br>2N       |
| A-19 | 735.4' | 72W<br>2N       |
| A-20 | 821.0' | 84W<br>6N       |
| A-21 | 756.4' | 72W<br>4N       |
| A-22 | 823.0' | 84W<br>2N       |
| A-23 | 712.1' | 68N<br>2N       |
| A-24 | 799.5' | 80W<br>2N       |
| A-25 | 799.1' | 96W<br>18N      |
| A-26 | 709.8' | 64W<br>2N       |
| A-27 | 794.3' | 80W<br>4N       |
| A-28 | 699.5' | 64W<br>BL<br>to |
| A-29 | 805.5' | 108W<br>4N      |
| A-30 | 783.2' | 76W<br>4+50N    |
| A-31 | 682.7' | 60W<br>BL       |
| A-32 | 797.3' | 80W<br>BL       |
| A-33 | 662.5' | 56W<br>2S       |
| A-34 | 797.7' | 104W<br>8N      |
| A-35 | 792.9' | 80W<br>2S       |

Vogador  
A-36 20W 2S (AEX)  
A-37 56W 4S 639.3  
dev.

SURFACE HOLES COORDINATES, DEPTH and ELEVATION

| HOLE NO. | DEPTH (m) | Test    | N          | E        | Elev.    |
|----------|-----------|---------|------------|----------|----------|
| A-1      | 312.72 m  | nt.     | 10 579.43  | 7323.27  | 1307.45  |
| A-5      | 180.52    | no test | 10 786.52  | 7520.97  | 1303.85  |
| A-14     | 334.67    | nt      | 10 672.94  | 7414.58  | 1300.78  |
| A-16     | 304.00    | nt      | 11 466.44  | 7255.62  | 1308.52  |
| A-17     | 283.16    | nt      | 10 485.40  | 7567.43  | 1284.51  |
| A-18     | 448.36    | Test    | 11 118.54  | 7171.43  | 1320.34  |
| A-29     | 465.73    | nt      | 11 498.39  | 6857.36  | 1317.20  |
| A-31     | 217.63    | no      | 10 900.19  | 7809.50  | 1278.24  |
| A-33     | 218.85    | no      | 10 275.72  | 7874.24  | 1273.10  |
| A-34     | 273.71    | no      | 11 499.28  | 7034.65  | 1315.30  |
| A-35     | 389.34    | no      | 10 777.92  | 7348.92  | 1313.70  |
| A-37     | 158.50    | no      | 10 232.49  | 7833.75  | 1266.44  |
| A-38     | 363.32    | no      | 10 734.00  | 7307.52  | 1312.47  |
| A-39     | 234.09    | No      | 10 188.24  | 7790.73  | 1262.24  |
| A-41     | 354.05    | No      | 10 689.07  | 7267.54  | 1313.63  |
| A-42     | 136.70    | No      | 10 143.65  | 7746.71  | 1264.70  |
| A-50     | 203.30    | No      | 15 154.55  | 7877.98  | 1252.61  |
| A-54     | 142.04    | No      | 10 148.23  | 7920.30  | 1259.68  |
| A-57     | 416.36    | No      | 11 372.97  | 7090.84  | 1312.41  |
| A-62     | 301.14    | Test    | 10 660.22  | 7350.77  | 1290.45  |
| A-63     | 180.14    | nt.     | 10 314.44  | 7744.20  | 1271.27  |
| A-93     | 151.49    | no      | 10 744.83  | 7737.63  | 1302.59  |
| A-97     | 77.97     | Test    | 12 183.75  | 6655.70  | 1315.77  |
| A-130    | 72.66     | NT      | 10 532.80  | 7956.03  | 1287.36  |
| A-133    | 147.2     | nt      | 10 769.36  | 7761.97  | 1307.44  |
| A-138    | 7.9       | nt      | 10 810.955 | 7800.229 | 1311.968 |
| A-140    | 170.1     | no      | 11 220.26  | 7602.23  | 1317.29  |
| A-145    | 86.1      | nt      | 10 546.77  | 7631.15  | 1285.47  |

| HOLE NO. | DEPTH M  | N        | E       | C.KV.   |
|----------|----------|----------|---------|---------|
| A-146 NT | 149.4    | 11382.48 | 7423.32 | 1323.78 |
| A-148 NT | 113.7    | 11470.55 | 7507.34 | 1322.8  |
| A-150 NT | 150.0    | 11388.5  | 7599.62 | 1326.41 |
| A-151 NT | 145.4    | 11254.74 | 7474.78 | 1323.75 |
| A-154 NT | 133.6    | 11209.43 | 7516.51 | 1321.34 |
| A-155 NT | 94.5     | 10962.65 | 7697.62 | 1311.05 |
| A-157 yo | 155.4    | 10506.97 | 7677.76 | 1284.51 |
| A-159 NT | 143.4    | 10592.66 | 7589.92 | 1287.45 |
| A-126 No | 160.4 NT | 10989.82 | 7217.8  | 1330.51 |
| A-162 yo | 130.1    | 10379.43 | 7722.6  | 1277.31 |
| A-163 yo | 119.5    | 11092.38 | 7642.50 | 1312.69 |
| A-164 NT | 110.3    | 11141.54 | 7697.46 | 1289.82 |

# DIAMOND DRILL HOLES LOG by: C.M.E.

SHT # 1

| D.D.H.# | LAYOUT DATE | START DATE | FINISH DATE | DEPTH<br>IN METERS | COORDINATES |          | SCALAR<br>ELEV. | D.<br>D.<br>SIG | REMARKS |
|---------|-------------|------------|-------------|--------------------|-------------|----------|-----------------|-----------------|---------|
|         |             |            |             |                    | NORTH       | EAST     |                 |                 |         |
| A-1     |             |            |             | 312.72             | 10 579.43   | 7 323.27 | 1307.45         |                 |         |
| 2       |             |            |             | 153.01             |             |          |                 |                 |         |
| 3       |             |            |             | 197.51             |             |          |                 |                 |         |
| 4       |             |            |             | 229.51             | 10 719.32   | 7 475.03 | 1297.38         |                 |         |
| 5       |             |            |             | 96.62              | 10 786.52   | 7 520.97 | 1303.85         |                 |         |
| 6       |             |            |             | 145.39             |             |          |                 |                 |         |
| 7       |             |            |             | 367.89             |             |          |                 |                 |         |
| 8       |             |            |             | 232.56             | 11 144.64   | 7 537.27 | 1319.14         |                 |         |
| 9       |             |            |             | 231.95             | 10 896.01   | 7 632.18 | 1312.92         |                 |         |
| A-10    |             |            |             | 264.57             | 10 826.53   | 7 482.81 | 1309.47         |                 |         |
| 11      |             |            |             | 249.94             | 10 696.65   | 7 521.19 | 1294.05         |                 |         |
| 12      |             |            |             | 364.50             | 10 997.64   | 7 391.02 | 1323.36         |                 |         |
| 13      |             |            |             | 186.23             | 10 568.32   | 7 659.52 | 1287.69         |                 |         |
| 14      |             |            |             | 334.67             | 10 672.94   | 7 414.58 | 1300.78         |                 |         |
| 15      |             |            |             | 249.63             |             |          |                 |                 |         |
| 16      |             |            |             | 304.50             |             |          |                 |                 |         |
| 17      |             |            |             | 283.16             | 10 485.40   | 7 567.43 | 1284.51         |                 |         |
| 18      |             |            |             | 448.36             | 11 118.54   | 7 171.43 | 1320.34         |                 |         |
| 19      |             |            |             | 256.95             | 10 699.70   | 7 609.33 | 1295.52         |                 |         |
| A-20    |             |            |             | 406.60             | 11 038.90   | 7 432.51 | 1321.72         |                 |         |
| 21      |             |            |             | 260.91             | 10 743.08   | 7 651.38 | 1301.68         |                 |         |
| 22      |             |            |             | 384.66             | 10 949.58   | 7 345.91 | 1322.15         |                 |         |
| 23      |             |            |             | 306.02             | 10 616.47   | 7 697.84 | 1288.52         |                 |         |
| 24      |             |            |             | 356.31             | 10 865.37   | 7 432.51 | 1314.47         |                 |         |
| 25      |             |            |             | 315.16             |             |          |                 |                 |         |
| 26      |             |            |             | 273.41             | 10 530.88   | 7 785.18 | 1287.67         |                 |         |
| 27      |             |            |             | 349.61             | 10 911.85   | 7 477.25 | 1314.27         |                 |         |
| 28      |             |            |             | 280.72             | 10 486.81   | 7 741.81 | 1284.65         |                 |         |
| A-29    |             |            |             | 465.73             | 11 498.39   | 6 857.36 | 1317.20         |                 |         |

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## DIAMOND DRILL HOLES LOG by: C.M.E.

SHT. # 2

| D.D.H. # | LAYOUT DATE | START DATE | FINISH DATE | DEPTH<br>IN METERS | COORDINATES |          |           | REMARKS |
|----------|-------------|------------|-------------|--------------------|-------------|----------|-----------|---------|
|          |             |            |             |                    | NORTH       | EAST     | ELDV. 210 |         |
| A-30     |             |            |             | 389.53             | 10 840.94   | 7 578.39 | 1313.87   |         |
| 31       |             |            |             | 217.63             | 10 404.19   | 7 829.53 | 1278.24   |         |
| 32       |             |            |             | 359.21             | 10 822.83   | 7 389.90 | 1315.03   |         |
| 33       |             |            |             | 218.85             | 10 275.72   | 7 874.24 | 1273.10   |         |
| 34       |             |            |             | 278.71             | 11 499.28   | 7 034.65 | 1315.20   |         |
| 35       |             |            |             | 389.84             | 10 777.92   | 7 348.92 | 1313.70   |         |
| 36       |             |            |             | 173.74             |             |          |           |         |
| 37       |             |            |             | 158.50             | 10 232.49   | 7 833.75 | 1266.44   |         |
| 38       |             |            |             | 363.32             | 10 734.00   | 7 307.52 | 1312.47   |         |
| 39       |             |            |             | 234.09             | 10 188.24   | 7 790.73 | 1262.24   |         |
| A-40     |             |            |             |                    |             |          |           |         |
| 41       |             |            |             | 384.05             | 10 689.07   | 7 267.54 | 1318.63   |         |
| 42       |             |            |             | 136.70             | 10 143.65   | 7 748.71 | 1264.70   |         |
| 43       |             |            |             | 164.29             |             |          |           |         |
| 44       |             |            |             | 105.46             |             |          |           |         |
| 45       |             |            |             | 235.31             | 10 658.86   | 7 738.69 | 1292.05   |         |
| 46       |             |            |             | 112.32             | 10 060.65   | 7 835.55 | 1252.46   |         |
| 47       |             |            |             | 79.25              |             |          |           |         |
| 48       |             |            |             | 112.78             |             |          |           |         |
| 49       |             |            |             | 219.46             | 10 108.61   | 8 051.31 | 1259.01   |         |
| A-50     |             |            |             | 203.30             | 10 104.55   | 7 877.98 | 1252.61   |         |
| 51       |             |            |             | 366.98             | 10 906.31   | 7 303.36 | 1323.02   |         |
| 52       |             |            |             | 261.82             | 10 702.92   | 7 782.06 | 1299.89   |         |
| 53       |             |            |             | 357.23             | 10 814.20   | 7 550.77 | 1308.52   |         |
| 54       |             |            |             | 142.04             | 10 148.23   | 7 920.30 | 1259.68   |         |
| 55       |             |            |             | 217.93             | 10 575.80   | 7 827.11 | 1288.66   |         |
| 56       |             |            |             | 343.20             | 10 786.97   | 7 691.92 | 1310.39   |         |
| 57       |             |            |             | 416.36             |             |          |           |         |
| A-58     |             |            |             | 187.45             | 10 618.08   | 7 870.86 | 1293.25   |         |

# DIAMOND DRILL HOLES LOG by: C.M.E.

SHT. #3

| D.D.H.# | LAYOUT DATE | START DATE | FINISH DATE | DEPTH<br>IN METERS | COORDINATES |          | ELEV.<br>M | D. B. SIG | REMARKS |
|---------|-------------|------------|-------------|--------------------|-------------|----------|------------|-----------|---------|
|         |             |            |             |                    | NORTH       | EAST     |            |           |         |
| A-59    |             |            |             | 397.58             | 11 034.67   | 7 260.11 | 1329.27    |           |         |
| 60      |             |            |             | 361.49             | 10 656.40   | 7 568.59 | 1289.41    |           |         |
| 61      |             |            |             | 276.45             | 11 080.86   | 7 302.55 | 1289.41    |           |         |
| 62      |             |            |             | 301.14             | 10 660.22   | 7 650.77 | 1290.45    |           |         |
| 63      |             |            |             | 180.74             | 10 314.44   | 7 744.20 | 1271.27    |           |         |
| 64      |             |            |             | 432.21             | 11 589.36   | 6 945.43 | 1305.76    |           |         |
| 65      |             |            |             | 167.64             | 10 742.70   | 7 559.77 | 1299.30    |           |         |
| 66      |             |            |             | 182.88             | 10 575.39   | 7 741.44 | 1287.53    |           |         |
| 67      |             |            |             | 376.28             | 10 913.48   | 7 561.88 | 1313.90    |           |         |
| 68      |             |            |             | 389.23             | 10 870.22   | 7 607.27 | 1317.71    |           |         |
| 69      |             |            |             | 410.26             | 10 955.31   | 7 517.40 | 1312.14    |           |         |
| A-70    |             |            |             | 108.20             | 10 700.88   | 7 694.94 | 1296.69    |           |         |
| 71      |             |            |             | 177.39             | 10 783.74   | 7 606.99 | 1307.62    |           |         |
| 72      |             |            |             | 195.07             | 10 869.20   | 7 524.17 | 1314.96    |           |         |
| 73      |             |            |             | 364.24             | 10 941.06   | 7 676.01 | 1312.84    |           |         |
| 74      |             |            |             | 323.09             | 10 525.90   | 7 612.95 | 1283.48    |           |         |
| 75      |             |            |             | 347.78             | 11 000.76   | 7 641.05 | 1311.83    |           |         |
| 76      |             |            |             | 407.21             | 10 998.77   | 7 559.52 | 1312.38    |           |         |
| 77      |             |            |             | 305.41             | 10 444.88   | 7 699.64 | 1278.23    |           |         |
| 78      |             |            |             | 310.90             | 11 046.27   | 7 689.80 | 1311.67    |           |         |
| 79      |             |            |             | 419.10             | 11 045.78   | 7 597.11 | 1312.16    |           |         |
| A-80    |             |            |             | 346.25             | 11 090.02   | 7 733.92 | 1310.56    |           |         |
| 81      |             |            |             | 273.71             | 10 403.99   | 7 739.45 | 1275.39    |           |         |
| 82      |             |            |             | 364.24             | 10 961.25   | 7 606.81 | 1312.30    |           |         |
| 83      |             |            |             | 360.88             | 10 608.52   | 7 526.49 | 1289.13    |           |         |
| 84      |             |            |             | 456.59             | 10 782.49   | 7 435.08 | 1307.89    |           |         |
| 85      |             |            |             | 430.99             | 10 953.21   | 7 431.50 | 1318.21    |           |         |
| 86      |             |            |             | 616.31             | 11 680.81   | 7 027.90 | 1301.36    |           |         |
| A-87    |             |            |             | 426.42             | 10 996.26   | 7 473.74 | 1316.61    |           |         |

## DIAMOND DRILL HOLES LOG by: C.M.E.

SHT. # 4

| H.# | LAYOUT DATE | START DATE | FINISH DATE | DEPTH  | COORDINATES |         | SECT. ELEV. | D. B. RIG | REMARKS |
|-----|-------------|------------|-------------|--------|-------------|---------|-------------|-----------|---------|
|     |             |            |             |        | NORTH       | EAST    |             |           |         |
| 88  |             |            |             | 340.77 | 10 827.58   | 7649.82 | 1313.97     |           |         |
| 89  |             |            |             | 377.95 | 11 046.47   | 7515.27 | 1315.36     |           |         |
| 90  |             |            |             | 316.38 | 10 874.36   | 7692.18 | 1312.72     |           |         |
| 91  |             |            |             | 539.80 | 11 720.80   | 6899.62 | 1300.15     |           |         |
| 92  |             |            |             | 288.65 | 10 916.45   | 7734.46 | 1311.54     |           |         |
| 93  |             |            |             | 350.52 | 11 085.29   | 7558.80 | 1313.38     |           |         |
| 94  |             |            |             | 301.74 | 11 770.72   | 7711.62 | 1309.63     |           |         |
| 95  |             |            |             | 213.36 | 10 828.04   | 7735.68 | 1313.41     |           |         |
| 96  |             |            |             | 151.49 | 10 744.83   | 7737.63 | 1303.59     |           |         |
| 97  |             |            |             | 99.97  | 12 183.75   | 6688.70 | 1315.77     |           |         |
| 98  |             |            |             | 145.39 | 12 141.45   | 6642.05 | 1316.20     |           |         |
| 99  |             |            |             | 189.59 | 10 657.97   | 7821.61 | 1296.41     |           |         |
| 100 |             |            |             | 250.55 | 10 788.73   | 7780.36 | 1289.23     |           |         |
| 101 |             |            |             | 269.75 | 12 050.85   | 6729.44 | 1314.99     |           |         |
| 102 |             |            |             | 201.78 | 10 575.30   | 7913.47 | 1289.92     |           |         |
| 103 |             |            |             | 213.97 | 10 532.37   | 7870.14 | 1288.27     |           |         |
| 104 |             |            |             | 419.40 | 11 082.33   | 7473.48 | 1320.17     |           |         |
| 105 |             |            |             | 197.51 | 10 354.00   | 7698.85 | 1273.74     |           |         |
| 106 |             |            |             | 190.50 | 10 741.58   | 7820.74 | 1303.61     |           |         |
| 107 |             |            |             | 216.71 | 10 487.32   | 7828.25 | 1286.46     |           |         |
| 108 |             |            |             | 189.59 | 10 272.31   | 7787.35 | 1270.02     |           |         |
| 109 |             |            |             | 190.80 | 10 701.75   | 7863.64 | 1300.10     |           |         |
| 110 |             |            |             | 198.12 | 10 358.85   | 7788.45 | 1273.38     |           |         |
| 111 |             |            |             | 394.11 | 10 992.84   | 7304.09 | 1326.20     |           |         |
| 112 |             |            |             | 172.52 | 10 660.63   | 7912.97 | 1297.80     |           |         |
| 113 |             |            |             | 474.57 | 11 036.93   | 7345.95 | 1326.54     |           |         |
| 114 |             |            |             | 221.59 | 10 259.84   | 7715.81 | 1269.77     |           |         |
| 115 |             |            |             | 448.06 | 10 948.14   | 7260.70 | 1326.86     |           |         |
| 116 |             |            |             | 181.66 | 10 746.22   | 7905.17 | 1304.60     |           |         |





## DIAMOND

## DRILL HOLES

## LOG by: C.M.E.

SHT. #1

| D.D.H.# | LAYOUT DATE | START DATE | FINISH DATE | DEPTH              | COORDINATES |           | SHELL ELEV. | D. B. RIG | REMARKS   |
|---------|-------------|------------|-------------|--------------------|-------------|-----------|-------------|-----------|---|
|         |             |            |             |                    | NORTH       | EAST      |             |           |   |
| A-1     |             | 03/09/73   | 09/09/73    | 1026'              |             |           |             |           | ELEV. = TRUE  |
| 2       |             | 13/09/73   | 17/09/73    | 502'               |             |           |             |           | BASED FROM MSL  |
| 3       |             | 21/09/73   | 25/09/73    | 648'               |             |           |             |           | ALL IN H.I.W.   |
| 4       |             | 26/09/73   | 30/09/73    | 753'               | 35 168.38   | 24 524.39 | 4256.50     |           | CO-ORDS   |
| 5       |             | 05/10/73   | 13/10/73    | 317'               | 35 388.84   | 24 675.09 | 4277.72     |           |   |
| 6       |             | 26/04/74   | 03/05/74    | 477'               |             |           |             |           |   |
| 7       |             | 27/04/74   | 06/05/74    | 1207'              |             |           |             |           |   |
| 8       |             | 03/05/74   | 10/05/74    | 763'               |             |           |             |           |   |
| 9       |             | 11/05/74   | 18/05/74    | 761'               | 35 748.06   | 25 039.95 | 4307.49     |           |   |
| A-10    |             | 19/05/74   | 30/05/74    | 868'               | 35 520.10   | 24 549.90 | 4296.17     |           |   |
| 11      |             | 01/06/74   | 06/06/74    | 820'               | 35 094.94   | 24 675.83 | 4339.02     |           |   |
| 12      |             | 30/06/75   | 07/07/75    | 1196' (FROM 1103') | 36 081.50   | 24 248.75 | 4341.73     | 5         | DEEPEMED  |
| 13      |             | 14/06/74   | 19/06/74    | 611'               |             |           |             |           |   |
| 14      |             | 20/06/74   | 26/06/74    | 1098'              |             |           |             |           |   |
| 15      |             | 21/06/74   | 25/06/74    | 819'               |             |           |             |           |   |
| 16      |             | 26/06/74   | 05/07/74    | 999'               |             |           |             |           |   |
| 17      |             | 29/06/74   | 10/07/74    | 929'               |             |           |             |           |   |
| 18      |             | 15/07/75   | 20/07/75    | 1471' (FROM 1187') | 36 478.15   | 23 528.32 | 4331.83     | 5         | DEEPEMED<br>SURVEYED BY H.I.W.<br>ELEV. BY CMS SURVEY |
| 19      |             | 12/07/74   | 19/07/74    | 843'               | 35 104.00   | 24 964.99 | 4250.00     |           |   |
| A-20    |             | 09/07/75   | 15/07/75    | 1334' (FROM 1628') | 36 216.87   | 24 384.87 | 4326.34     | 5         | DEEPEMED<br>ELEV. BY CMS SURV<br>SURVEYED BY H.I.W.   |
| 21      |             | 19/07/74   | 24/07/74    | 856'               | 35 241.33   | 25 102.95 | 4270.59     |           |   |
| 22      |             | 19/07/74   | 27/07/74    | 1262'              | 35 923.81   | 24 100.75 | 4337.76     |           |   |
| 23      |             | 25/07/74   | 01/08/74    | 1004'              |             |           |             |           |   |
| 24      |             | 28/07/74   | 07/08/74    | 1169'              | 35 647.53   | 24 384.89 | 4312.55     |           |   |
| 25      |             | 30/07/74   | 10/08/74    | 1034'              |             |           |             |           |   |
| 26      |             | 02/08/74   | 10/08/74    | 897'               |             |           |             |           |   |
| 27      |             | 08/08/74   | 14/08/74    | 1147'              | 35 800.04   | 24 531.66 | 4311.91     |           |   |
| 28      |             | 10/08/74   | 18/08/74    | 921'               |             |           |             |           |   |
| A-29    |             | 12/08/74   | 30/08/74    | 1528'              | 37 724.38   | 22 497.91 | 4321.54     |           |   |

## DIAMOND DRILL HOLES LOG by: C.M.E.

SHT. # 2

| D.D.H. # | LAYOUT DATE | START DATE | FINISH DATE | DEPTH   | COORDINATES |           | CORRECTED ELEV. | D. B. RIG | REMARKS    |
|----------|-------------|------------|-------------|---------|-------------|-----------|-----------------|-----------|------------|
|          |             |            |             |         | NORTH       | EAST      |                 |           |            |
| A-30     |             | 15/08/74   | 26/08/74    | 1278'   |             |           | 4310.59         |           | ELEV. TRUE |
| 1        |             | 19/08/74   | 28/08/74    | 714'    |             |           |                 |           | DATUM MSL  |
| 2        |             | 27/08/74   | 01/09/74    | 1178.5' | 35 507.98   | 24 245.08 | 4314.40         | ✓         |            |
| 3        |             | 29/08/74   | 06/09/74    | 718'    |             |           |                 |           |            |
| 4        |             | 01/09/74   | 01/11/74    | 898'    |             |           |                 |           |            |
| 5        |             | 02/09/74   | 12/09/74    | 7279'   | 35 360.64   | 24 110.63 | 4310.65         | ✓         |            |
| 6        |             | 11/09/74   | 19/09/74    | 570'    |             |           |                 |           |            |
| 7        |             | 09/09/74   | 15/09/74    | 520'    |             |           |                 |           |            |
| 8        |             | 12/09/74   | 20/09/74    | 1192'   | 35 216.53   | 23 974.81 | 4306.02         | ✓         |            |
| 9        |             | 17/09/74   | 24/09/74    | 768'    |             |           |                 |           |            |
| A-40     |             |            |             |         |             |           |                 |           |            |
| 1        |             | 21/09/74   | 30/09/74    | 1260'   |             |           |                 |           |            |
| 2        |             | 25/09/74   | 02/10/74    | 448.5'  |             |           |                 |           |            |
| 3        |             | 10/09/74   | 30/09/74    | 539'    |             |           |                 |           |            |
| 4        |             | 01/10/74   | 03/10/74    | 346'    |             |           |                 |           |            |
| 5        |             | 03/10/74   | 15/10/74    | 772'    |             |           |                 |           |            |
| 6        |             | 04/10/74   | 12/10/74    | 368.5'  |             |           |                 |           |            |
| 7        |             | 04/10/74   | 05/10/74    | 260'    |             |           |                 |           |            |
| 8        |             | 07/10/74   | 09/10/74    | 370'    |             |           |                 |           |            |
| 9        |             | 10/10/74   | 14/10/74    | 720'    |             |           |                 |           |            |
| A-50     |             | 14/10/74   | 22/10/74    | 667'    |             |           |                 |           |            |
| 1        |             | 15/10/74   | 21/10/74    | 1204'   |             |           |                 |           |            |
| 2        |             | 17/10/74   | 11/10/74    | 859'    |             |           |                 |           |            |
| 3        |             | 22/10/74   | 31/10/74    | 1172'   | 35 479.66   | 24 772.86 | 4293.04         | ✓         |            |
| 4        |             | 23/10/74   | 27/10/74    | 466'    |             |           |                 |           |            |
| 5        |             | 27/10/74   | 03/11/74    | 715'    |             |           |                 |           |            |
| 6        |             | 30/10/74   | 14/11/74    | 1126'   | 35 390.32   | 25 235.97 | 4299.19         | ✓         |            |
| 7        |             | 02/11/74   | 03/12/74    | 7366'   |             |           |                 |           |            |
| A-58     |             | 04/11/74   | 29/11/74    | 615'    |             |           |                 |           |            |

# DIAMOND DRILL HOLES LOG by: C.M.E.

SAT #3

| D.D.H.# | LAYOUT DATE | START DATE | FINISH DATE | DEPTH             | COORDINATES |           | SCALAR ELEV. | D. B. RIG | REMARKS    |
|---------|-------------|------------|-------------|-------------------|-------------|-----------|--------------|-----------|------------|
|         |             |            |             |                   | NORTH       | EAST      |              |           |            |
| A-59    |             | 11/11/74   | 22/11/74    | 730.4'            |             |           |              |           | ELEV. TRUE |
| A-60    |             | 16/11/74   | 01/12/74    | 718.6'            | 34 961.73   | 24 831.32 | 4736.39      |           | DATUM MSL  |
| 1       |             | 24/11/74   | 05/12/74    | 907'              |             |           |              |           |            |
| 2       |             | 26/11/74   | 07/12/74    | 988'              |             |           |              |           |            |
| 3       |             | 03/12/74   | 09/12/74    | 591'              | 33 840.02   | 25 407.49 | 4170.83      |           |            |
| 4       |             | 04/06/75   | 15/06/75    | 1418' (FROM 551') | 38 022.84   | 22 786.84 | 4284.00      | 2         | DEEPEMED   |
| 5       | 11/04/75    | 11/04/75   | 15/04/75    | 550'              | 35 245.09   | 24 802.40 | 4262.79      | 1         |            |
| 6       | "           | 25/04/75   | 30/04/75    | 600'              | 34 696.16   | 25 398.42 | 4224.19      | 1         |            |
| 7       | "           | 26/04/75   | 06/05/75    | 1234.5'           | 35 805.38   | 24 809.32 | 4310.69      | 3         |            |
| 8       | "           | 16/04/75   | 26/04/75    | 1277'             | 35 663.46   | 24 958.23 | 4313.35      | 2         |            |
| 9       | "           | 27/04/75   | 11/05/75    | 1346'             | 35 942.63   | 24 663.40 | 4308.20      | 2         |            |
| A-70    | 11/04/75    | 30/04/75   | 02/05/75    | 355'              | 35 097.80   | 25 253.54 | 4254.72      | 1         |            |
| 1       | 28/04/75    | 03/05/75   | 05/05/75    | 582'              | 35 379.74   | 24 957.33 | 4290.10      | 1         |            |
| 2       | "           | 06/05/75   | 09/05/75    | 640'              | 35 660.11   | 24 685.59 | 4314.16      | 1         |            |
| 3       | "           | 07/05/75   | 16/05/75    | 1195'             | 35 895.88   | 25 183.75 | 4307.22      | 3         |            |
| 4       | "           | 10/05/75   | 20/05/75    | 1060'             | 34 535.23   | 24 968.49 | 4210.91      | 1         |            |
| 5       | F.CH.       | 11/05/75   | 12/05/75    | 1141'             | 36 091.72   | 25 069.06 | 4303.90      | 2         |            |
| 6       | F.CH.       | 28/04/75   | 17/05/75    | 1336'             | 36 085.21   | 24 801.56 | 4305.71      | 3         |            |
| 7       |             | 28/04/75   | 22/05/75    | 1002'             | 34 267.99   | 25 261.27 | 4193.68      | 1         |            |
| 8       |             | 22/05/75   | 22/05/75    | 1020'             | 36 241.04   | 25 229.01 | 4303.37      | 2         |            |
| 9       |             | 27/05/75   | 27/05/75    | 1375'             | 36 239.45   | 24 924.89 | 4304.98      | 3         |            |
| A-80    | 28/05/75    | 28/05/75   | 02/06/75    | 1136'             | 36 384.57   | 25 373.77 | 4299.74      | 2         |            |
| 1       | 28/05/75    | 30/05/75   | 03/06/75    | 898'              | 34 133.81   | 25 391.91 | 4184.36      | 1         |            |
| 2       | /04/75      | 05/06/75   | 12/06/75    | 1195'             | 35 962.11   | 24 956.72 | 4305.43      | 3         |            |
| 3       |             | 03/06/75   | 12/06/75    | 1184'             | 34 804.87   | 24 693.21 | 4229.43      | 1         |            |
| 4       |             | 13/06/75   | 22/06/75    | 1498'             | 35 375.62   | 24 393.30 | 4290.97      | 1         |            |
| 5       | 10/06/75    | 13/06/75   | 26/06/75    | 1414'             | 35 935.74   | 24 381.58 | 4324.85      | 3         |            |
| 6       | /04/75      | 16/06/75   | 03/07/75    | 2022'             | 38 322.87   | 23 057.41 | 4269.56      | 4         |            |
| A-87    | /05/75      | 20/06/75   | 02/07/75    | 1399'             | 36 076.97   | 24 520.13 | 4316.22      | 2         |            |



