# Magnetic Susceptibility Relationship with Metamorphic Grade in the Homestake Formation, Black Hills, South Dakota


Submitted by:

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# 1. INTRODUCTION

The Homestake Mine in the northern Black Hills, South Dakota, is the oldest continuously running gold mine in North America and is the largest iron-formation-hosted gold deposit known. It was discovered in 1876 and to this day has produced more than 36 million ounces of gold (Bachman and Caddey, 1990). Gold mineralization is hosted largely within the Proterozoic Homestake Formation. The Homestake is an ironstone unit underlain by the Poorman Formation consisting of metapelitic and metavolcanic rocks and overlain by Ellison Formation metasediments and quartzites(Bachman and Caddey, 1990).

The major Proterozoic deformation episode affecting this sequence is regarded as being synchronous with metamorphism. Metamorphic grade decreases from lower amphibolite facies in the north east mine area to upper green schist in the south west mine area (Bachman and Caddey, 1990). Origin of mineralization of the Homestake gold deposit is a matter of heated debate. A Proterozoic epigenetic model is presently favored by Homestake's exploration department over the syngenetic seafloor exhalative model (personal communication with Tom Campell, 1991). Ore minerals include pyrrhotite, arsenopyrite, and gold. Typical gangue minerals associated with ore zones

include chlorite, biotite, graphite, quartz, ankerite, garnet, albite, magnetite, chalcopyrite, pyrite, siderite, cummingtonite, and grunerite. Less than 5% of Homestake Formation is ore bearing. Total sulfide feed in the mill averages between 7% and 8% with pyrrhotite making up 50% of the sulfides (Nelson, unknown). The high concentration of pyrrhotite with ore and the fact that pyrrhotite is highly magnetic is of consequence. This study will attempt to identify a relationship of the magnetic susceptibility of pyrrhotite with metamorphic grade and formation lithologies. Approximately 6000 feet of core from the mine area has been tested for magnetic susceptibility at two foot intervals and at formation/lithologic contacts using a magnetic susceptibility meter. Two diamond drill hole cores traversing the mine area in an East-West direction were used for this study (Figure 1). The information obtained from this study was expected to give a general idea of the proportionality of pyrrhotite estimated visually to magnetic susceptibility values as well as show the variation in magnetic susceptibility in the Homestake, Poorman, and Ellison lithologies.

## 2. GEOLOGIC SETTING OF HOMESTAKE MINE IN THE BLACK HILLS

Black Hills geology entails an early Proterozoic core of metasediments, metavolcanics, and granitic plutons overlain unconformably by Phanerozoic sediments. The Proterozoic sequence in the Lead window of the northern

Black Hills is cut by Tertiary intrusives (Caddey, et. al, 1990). This sequence was uplifted during the Laramide. Phanerozoic sediments were eroded and exposed the Precambrian basement to erosion. The Homestake Mine is located in the Lead window in the Whitewood mining district in the northern Black Hills (Caddey, et. al, 1990).

## 3. MINERALOGY OF ORE LEDGES IN THE HOMESTAKE MINE

Gold is found in at least ten ore ledges, synclinal fold structures, in the mine area. They are the Caledonia, Main, 7, 9, 11, 13, 15, 17, 19, and 21 Ledges, from East to West. Odd numbered ledges are synforms and even numbered are antiforms. The antiforms are generally barren of gold (Bachman and Caddey, 1990).

Metamorphic grade decreases to the southwest in the mine area. A siderite-grunerite reaction boundary, essentially the garnet isograd, is characteristic of metamorphic grade in the ironstone. Above the garnet isograd in amphibolite facies rocks cummingtonite-grunerite (an amphibole) is the stable iron mineral; below the garnet isograd siderite (a carbonate) is the stable phase (personal communication with Tom Campell, 1991).

Other minerals which typify ore zones are coarse siderite, ankerite, biotite, garnet, graphite, chalcopyrite, albite, magnetite, gold and high concentrations (7% to 8% of mill feed) of pyrrhotite, arsenopyrite, and pyrite. Pyrrhotite represents almost 50% of sulfides. It is found

in irregular masses, stringers, or veinlets in quartz or disseminated in schist. It is often closely related with arsenopyrite, surrounding and replacing it. It is also known to replace quartz, cummingtonite, chlorite, garnet, ankerite, and albite. In some instances, common in the western ledges, gold occurs with and replaces pyrrhotite (Nelson, unknown).

## 4. APPLICATION OF MAGNETIC SUSCEPTIBILITY

Magnetic methods have been used in exploration for such ores as magnetite, ilmenite, and pyrrhotite bearing sulfide deposits for centuries. Carlsborg (1963) (as referenced in Parasnis, 1975) tells of crude applications used in magnetite exploration in Sweden as early as 1640. Magnetic methods are popular because they are the least expensive, simplest, and fastest geophysical method. However, magnetometer surveys are not always useful in the detection of deep-seated or weakly magnetic ore bodies. Magnetic susceptibility is relevant in recognition of a magnetic body as an anomaly. This is dependent upon the difference between the susceptibility of the body and the susceptibility of the host rocks (Parasnis, 1975). Magnetic surveys underground at Homestake are a problem because of the large amount of interference from rails and equipment in the mine. Magnetic susceptibility readings on core gives more accurate magnetic information and identifies magnetite

not always recognized in initial core logging (personal communication with Tom Campell, 1991).

Accurate determination of intensity of magnetization (I) is proportional to magnetic field (H).

$$I \sim H$$

Magnetic susceptibility (k) is a proportionality constant dependant upon the ability of a body to acquire magnetization.

$$I = kH$$

This ability is determined by intensity of induced magnetization (I) per unit magnetic field (H):

$$k = I/H \quad \text{(Mulay, 1963)}$$

This study poses a question of relationship of magnetic susceptibility of various Homestake Formation lithologies to metamorphic grade. Recognition of pyrrhotite, the major magnetic mineral in the Homestake deposit, using magnetic methods could prove very beneficial to exploration geologists. As mentioned previously, pyrrhotite is very closely associated with gold in ore zones. It is also found throughout non-mineralized regions. Thus, recognition of barren versus ore regions using magnetic susceptibility could be useful to exploration processes.

But pyrrhotite should be relatively insensitive to metamorphic grade, or isn't it? at Homestake.

Three varieties of pyrrhotite; monoclinic, hexagonal, and a structural polytype beyond the scope of this study, are found in the area. Monoclinic pyrrhotite has a high magnetic susceptibility. The hexagonal pyrrhotite appears to be non-magnetic and occurs only in ore zones. This is

based upon previous work as this study did not encounter any mineralized Homestake Formation. Magnetic susceptibility values for magnetite, ilmenite, and magnetic monoclinic pyrrhotite are proportional to the amount of those minerals in the rock. Metamorphism and the mineralizing event have complicated the rocks in the Homestake Mine by overprinting preexisting pyrrhotite and introducing additional pyrrhotite. Magnetic susceptibility has therefore been altered in some areas of the mine (personal communication with Tom Campell, 1991).

## 5. MAGNETIC SUSCEPTIBILITY STUDY

The objective of this study is the acquisition of sample magnetic susceptibility values from various lithologies in the Homestake Formation and correlation with metamorphic grade. Values for various lithologies in the Poorman and Ellison Formations were also obtained but time limited the scope of this study to the Homestake Formation. Cores from two diamond drill holes (about 6000 feet of core) were used for this study. Hole #87-1 is Northeast trending and #88-2 is Southwest trending (Figure 1). They yield a cross-sectional traverse of the mine area crossing the garnet isograd (Figure 1). The area represented is approximately 3500 feet wide and penetrates at an angle from the collar on the 6800 foot level of the mine to below the 8000 foot level. These cores had already been logged for lithology, mineralogy, and presense/absence of

## ABSTRACT

Metamorphic rocks in the area of the Homestake Mine are characterized by a siderite-grunerite reaction boundary, with cummingtonite-grunerite being the stable iron mineral in amphibolite facies rocks above the garnet isograd and siderite being the stable in green-schist rocks below the garnet isograd. Ore minerals include pyrrhotite, arsenopyrite, and gold. This study attempts to find a correlation between magnetic susceptibility values of various lithologies within the Homestake Formation with metamorphic grade. Findings include recognition of amphibolite facies rocks as having generally higher magnetic susceptibility values than green-schist facies rocks. Also, certain lithologies were recognized as having generally high or low magnetic susceptibilities, such as graphitic zones have higher values than rhyolite, quartzite or quartz veins.

## ACKNOWLEDGEMENTS

I gratefully acknowledge the access to core and use of the magnetic susceptibility meter kindly provided by the Homestake Mining Company Exploration Department. Thanks is given to Tom Campell for willingly contributing information, assisting in the collection of the data, entering data, performing statistical analyses, and giving editorial comments and critical analysis of this paper. I am very appreciative of his assistance.

by their magnetic susceptibility values, such as, rhyolite, quartzite, and quartz veins have very low susceptibilities. Graphite zones seem to have generally higher values. Also amphibolite facies rocks above the garnet isograd have higher susceptibilities than green schist facies below the isograd.

Also, the use of magnetic susceptibility readings prove useful in the recognition of magnetic minerals in core. For example, the initial core logs show no recognition of magnetite in the zone which the magnetic susceptibility meter displayed extremely high readings (50 - 250). Further examination by geologists confirmed this to be visible magnetite.

In order to correlate the relationship of magnetic susceptibility to metamorphic grade in the Poorman and Ellison Formations, supplemental statistical analyses will be completed at a later time.

mineralization. Magnetic susceptibility readings were taken on two foot intervals and at formation contacts. The Homestake Formation represented in these holes is primarily barren, but the study has given a general idea of the magnetic susceptibility difference between metamorphic grade in various lithologies.

## 6. RESULTS AND CONCLUSIONS

The data collected was fed into a Lotus 123 file along with rock codes for corresponding formation and lithology (Appendix A). The rock code was created based upon the various formations and their comprising lithologies to better denote magnetic susceptibility values for corresponding lithologies (Table 1). Statistical analyses were performed on the data using the statistical capabilities of the Lotus 123 program. Conclusions were based upon both a preliminary visual examination of the acquired data and on the statistical analysis.

Visual examination of the data yielded consistently low values overall except in areas containing high percentages of visible magnetite. This may be a function of originally low pyrrhotite content in the rock. Zones containing rhyolite, quartzite, and large quartz veins had very low magnetic susceptibility values (0.0x - 0.x) due to very low pyrrhotite content. Graphite zones have higher values due to general higher pyrrhotite content of that rock. Magnetic susceptibility values are also proportional to magnetite

content with only minor interference from trace pyrrhotite. A zone of magnetite bearing iron-formation yielded unusually high values. Magnetite was not recognized in the initial log. Homestake Formation in amphibolite facies had generally higher values than in green schist facies. This may be a function of metamorphic grade or retrograde reactions that affected the higher grade metamorphic rock, for example, break down of grunerite to magnetite and chlorite.

The statistical analysis revealed generally higher magnetic susceptibility values in amphibolite facies above the garnet isograd. The average magnetic susceptibility value for grunerite bearing iron-formation above the garnet isograd, 23.99 (n=137)*, as compared to 1.67 (n=30) for grunerite and siderite bearing iron-formation below the garnet isograd. Siderite bearing iron-formation values below the garnet isograd averaged 1.36 (n=211). Overall combined values for siderite and grunerite-siderite bearing zones below the garnet isograd averaged 1.39 (n=241).

Grunerite bearing iron-formation containing magnetite (plus or minus trace pyrrhotite) above the garnet isograd had values averaging 54.51 (n=55). This is compared to grunerite bearing iron-formation not containing magnetite visible in hand sample but that had pyrrhotite from trace up

* n = number of samples used to figure average

to at least 4% which yielded average susceptibility values of 3.52 (n=82).

Biotite schist iron-formation, plus or minus minor grunerite, above the isograd had average values of 2.47 (n=10). This compares to biotite schist iron-formation, plus or minus minor siderite, below the garnet isograd with average values of .73 (n=14).

Chlorite phylite or schist comprising iron-formation below the garnet isograd had average susceptibility values of 7.91 (n=8). A corresponding lithology above the isograd was not seen.

A zone containing small amount of arsenopyrite with variable pyrrhotite in a grunerite schist iron-formation above the garnet isograd had average values of 2.19 (n=8). The corresponding zone below the isograd containing siderite, arsenopyrite, and variable pyrrhotite had only one sample reading of 1.91. Additional information on these zones is needed for proper evaluation.

## 7. CONCLUSION

Both the visual examination of the data and the statistical analysis revealed several important conclusions which prove the use of magnetic susceptibility values to be a beneficial tool in exploration processes. This study proves the capability of recognition of metamorphic grade in corresponding lithologies using magnetic susceptibility readings. Certain lithologies also seem to be recognizable

by their magnetic susceptibility values, such as, rhyolite, quartzite, and quartz veins have very low susceptibilities. Graphite zones seem to have generally higher values. Also amphibolite facies rocks above the garnet isograd have higher susceptibilities than green schist facies below the isograd.

Also the use of magnetometer readings prove useful in the recognition of magnetic minerals in core. For example, the initial core logs show no recognition of magnetite in the zone which the magnetometer displayed extremely high readings (50 - 250). Further examination by geologists confirmed this to be visible magnetite.

In order to correlate the relationship of magnetic susceptibility to metamorphic grade in the Poorman and Ellison Formations, supplemental statistical analyses will be completed at a later time.

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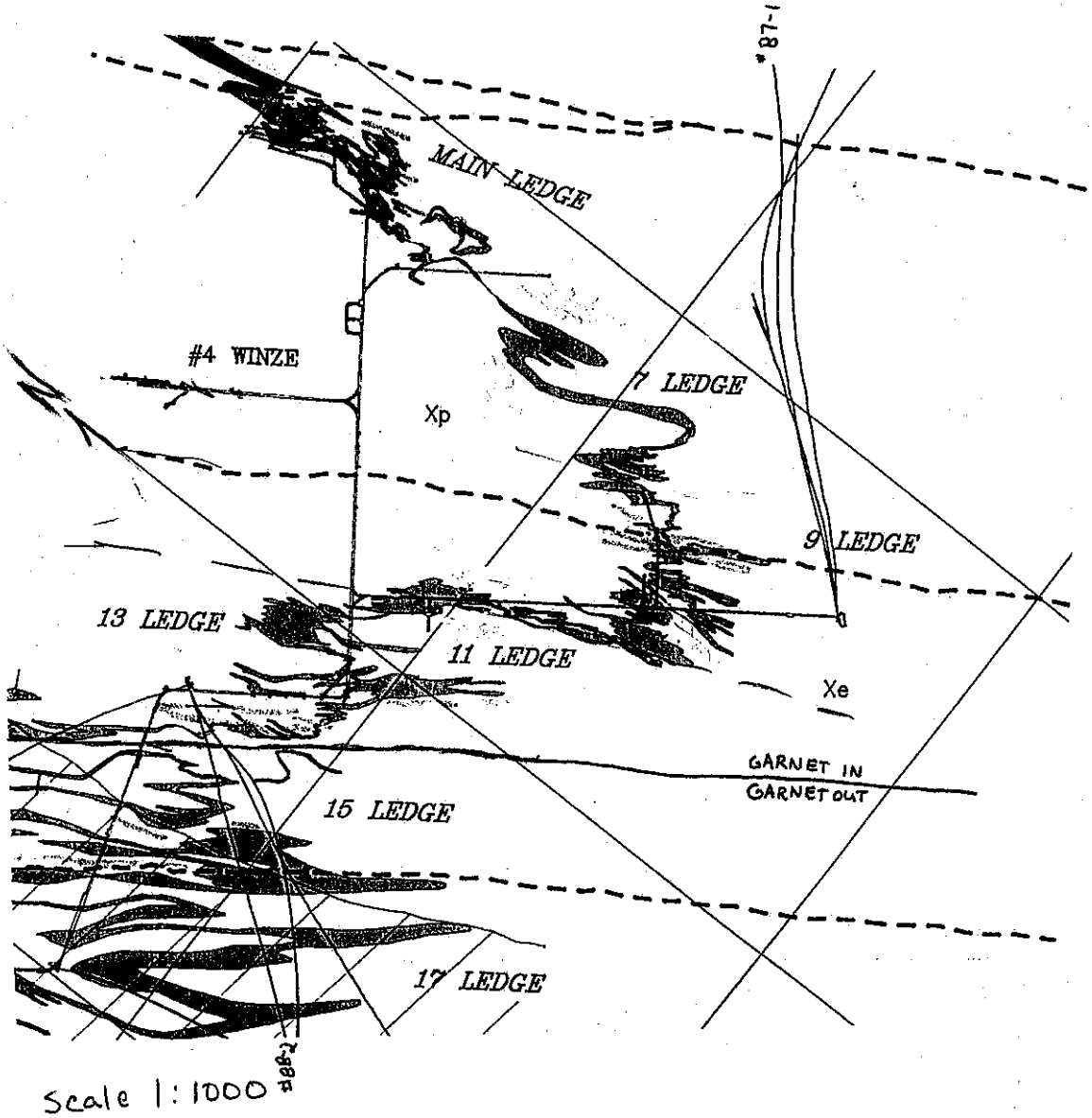
Figure #1




Scale 1:1000

6800 level

1" = 1000'

Xe = Allison Fm

Xp = Poorman Fm

TABLE 1

ROCK CODES

FIRST DIGIT (FORMATION)

0 = Tertiary
1 = Ellison
2 = Homestake
3 = Poorman

SECOND DIGIT (LITHOLOGY)

0 = phonolite/rhyolite
1 = graphitic phyllite
2 = biotite dom. phyllite
3 = sercite (musc) dom. phyllite
4 = chlor. dom. phyllite
5 = sid bearing IF (sid>grun)
6 = grun bearing IF (grun>sid)
7 = quartzite
8 = vein
9 = amphibolite

THIRD DIGIT (SULFIDES)

0 = tr po
1 = <2% po
2 = 2>4% po
3 = >4% po
4 = any amt of po w/apy $\pm$ Au
5 = magnetite

# APPENDIX A

Michelle Pearson

A4: 2484 READY

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG | SUSCEPT. |
| 3 | | | | | | | |
| 4 | 2484 | 0.05 | 130 | 6800 87-1 | | 2830 | 0.16 |
| 5 | 2486 | 0.35 | 130 | 6800 87-1 | | 2832 | 0.12 |
| 6 | 2488 | 0.57 | 130 | 6800 87-1 | | 2834 | 0 |
| 7 | 2490 | 0.88 | 130 | 6800 87-1 | | 2836 | 0.22 |
| 8 | 2492 | 0.47 | 130 | 6800 87-1 | | 2838 | 0.04 |
| 9 | 2494 | 3.39 | 130 | 6800 87-1 | | 2840 | 0.06 |
| 10 | 2496 | 1.87 | 130 | 6800 87-1 | | 2842 | 0.1 |
| 11 | 2498 | 0.5 | 130 | 6800 87-1 | | 2844 | 0 |
| 12 | 2500 | 0.56 | 130 | 6800 87-1 | | 2846 | 0.55 |
| 13 | 2502 | 0.36 | 130 | 6800 87-1 | | 2848 | 0.18 |
| 14 | 2504 | 0 | 130 | 6800 87-1 | | 2850 | 1.23 |
| 15 | 2506 | 0.28 | 130 | 6800 87-1 | | 2852 | 0 |
| 16 | 2508 | 0 | 130 | 6800 87-1 | | 2854 | 0.07 |
| 17 | 2510 | 0 | 130 | 6800 87-1 | | 2856 | 0.18 |
| 18 | 2512 | 0 | 130 | 6800 87-1 | | 2858 | 0.22 |
| 19 | 2514 | 0 | 130 | 6800 87-1 | | 2860 | 0.66 |
| 20 | 2516 | 0 | 130 | 6800 87-1 | | 2862 | 0.82 |

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A4: 2484 READY

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG | SUSCEPT. |
| 3 | | | | | | | |
| 4 | 2484 | 0.05 | 130 | 6800 87-1 | | 2830 | 0.16 |
| 5 | 2486 | 0.35 | 130 | 6800 87-1 | | 2832 | 0.12 |
| 6 | 2488 | 0.57 | 130 | 6800 87-1 | | 2834 | 0 |
| 7 | 2490 | 0.88 | 130 | 6800 87-1 | | 2836 | 0.22 |
| 8 | 2492 | 0.47 | 130 | 6800 87-1 | | 2838 | 0.04 |
| 9 | 2494 | 3.39 | 130 | 6800 87-1 | | 2840 | 0.06 |
| 10 | 2496 | 1.87 | 130 | 6800 87-1 | | 2842 | 0.1 |
| 11 | 2498 | 0.5 | 130 | 6800 87-1 | | 2844 | 0 |
| 12 | 2500 | 0.56 | 130 | 6800 87-1 | | 2846 | 0.55 |
| 13 | 2502 | 0.36 | 130 | 6800 87-1 | | 2848 | 0.18 |
| 14 | 2504 | 0 | 130 | 6800 87-1 | | 2850 | 1.23 |
| 15 | 2506 | 0.28 | 130 | 6800 87-1 | | 2852 | 0 |
| 16 | 2508 | 0 | 130 | 6800 87-1 | | 2854 | 0.07 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | 2510 | 0 | 130 | 6800 | 87-1 | 2856 | 0.18 |
| 18 | 2512 | 0 | 130 | 6800 | 87-1 | 2858 | 0.22 |
| 19 | 2514 | 0 | 130 | 6800 | 87-1 | 2860 | 0.66 |
| 20 | 2516 | 0 | 130 | 6800 | 87-1 | 2862 | 0.82 |

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A37: 2550 READY

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG | SUSCEPT. |
| 3 | | | | | | | |
| 21 | 2518 | 1.08 | 130 | 6800 | 87-1 | 2864 | 1.31 |
| 22 | 2520 | 1.01 | 130 | 6800 | 87-1 | 2866 | 0.08 |
| 23 | 2522 | 0.36 | 130 | 6800 | 87-1 | 2868 | 0.13 |
| 24 | 2524 | 1.16 | 130 | 6800 | 87-1 | 2870 | 0 |
| 25 | 2526 | 0.2 | 130 | 6800 | 87-1 | 2872 | 0.31 |
| 26 | 2528 | 1.66 | 130 | 6800 | 87-1 | 2874 | 0.13 |
| 27 | 2530 | 0.05 | 130 | 6800 | 87-1 | 2876 | 0 |
| 28 | 2532 | 0.62 | 130 | 6800 | 87-1 | 2878 | 0.54 |
| 29 | 2534 | 0.75 | 130 | 6800 | 87-1 | 2880 | 0 |
| 30 | 2536 | 0.26 | 130 | 6800 | 87-1 | 2882 | 0.1 |
| 31 | 2538 | 1.51 | 130 | 6800 | 87-1 | 2884 | 0.09 |
| 32 | 2540 | 0.47 | 130 | 6800 | 87-1 | 2886 | 0.65 |
| 33 | 2542 | 2.29 | 130 | 6800 | 87-1 | 2888 | 0.9 |
| 34 | 2544 | 0.1 | 130 | 6800 | 87-1 | 2890 | 0.06 |
| 35 | 2546 | 0.7 | 130 | 6800 | 87-1 | 2892 | 0.25 |
| 36 | 2548 | 0.28 | 130 | 6800 | 87-1 | 2894 | 1.04 |
| 37 | 2550 | 0 | 130 | 6800 | 87-1 | 2896 | 1.89 |

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A54: 2584 READY

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG | SUSCEPT. |
| 3 | | | | | | | |
| 38 | 2552 | 0.94 | 130 | 6800 87-1 | | 2898 | 1.76 |
| 39 | 2554 | 0 | 130 | 6800 87-1 | | 2900 | 1.41 |
| 40 | 2556 | 0.42 | 130 | 6800 87-1 | | 2902 | 1.01 |
| 41 | 2558 | 0.71 | 130 | 6800 87-1 | | 2904 | 1.43 |
| 42 | 2560 | 1.84 | 130 | 6800 87-1 | | 2906 | 1 |
| 43 | 2562 | 0.74 | 130 | 6800 87-1 | | 2908 | 1.06 |
| 44 | 2564 | 1.3 | 130 | 6800 87-1 | | 2910 | 2.81 |
| 45 | 2566 | 1.66 | 130 | 6800 87-1 | | 2912 | 2.84 |
| 46 | 2568 | 0.11 | 130 | 6800 87-1 | | 2914 | 7.43 |
| 47 | 2570 | 0.26 | 130 | 6800 87-1 | | 2916 | 1.28 |
| 48 | 2572 | 1.25 | 130 | 6800 87-1 | | 2918 | 4.6 |
| 49 | 2574 | 1.32 | 130 | 6800 87-1 | | 2920 | 0.75 |
| 50 | 2576 | 1.42 | 130 | 6800 87-1 | | 2922 | 0.46 |
| 51 | 2578 | 1.15 | 130 | 6800 87-1 | | 2924 | 1.26 |
| 52 | 2580 | 0.5 | 130 | 6800 87-1 | | 2926 | 0.56 |
| 53 | 2582 | 0.3 | 130 | 6800 87-1 | | 2928 | 1 |
| 54 | 2584 | 0.84 | 130 | 6800 87-1 | | 2930 | 0.87 |

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A71: 2618

READY

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG | SUSCEPT. |
| 3 | | | | | | | |
| 55 | 2586 | 2 | 130 | 6800 87-1 | | 2932 | 0.09 |
| 56 | 2588 | 0.84 | 170 | 6800 87-1 | | 2934 | 0.14 |
| 57 | 2590 | 0 | 170 | 6800 87-1 | | 2936 | 0 |
| 58 | 2592 | 0 | 170 | 6800 87-1 | | 2938 | 1.61 |
| 59 | 2594 | 0.42 | 170 | 6800 87-1 | | 2940 | 1.68 |
| 60 | 2596 | 0.59 | 170 | 6800 87-1 | | 2942 | 0 |
| 61 | 2598 | 0.01 | 170 | 6800 87-1 | | 2944 | 0.24 |
| 62 | 2600 | 1.01 | 170 | 6800 87-1 | | 2946 | 0 |
| 63 | 2602 | 2.23 | 170 | 6800 87-1 | | 2948 | 3.53 |
| 64 | 2604 | 1.34 | 170 | 6800 87-1 | | 2950 | 2.45 |
| 65 | 2606 | 1 | 170 | 6800 87-1 | | 2952 | 1.2 |
| 66 | 2608 | 0.42 | 170 | 6800 87-1 | | 2954 | 2.25 |
| 67 | 2610 | 0 | 170 | 6800 87-1 | | 2956 | 2.36 |
| 68 | 2612 | 0.02 | 170 | 6800 87-1 | | 2958 | 3.35 |
| 69 | 2614 | 0.65 | 170 | 6800 87-1 | | 2960 | 3.18 |
| 70 | 2616 | 0.24 | 170 | 6800 87-1 | | 2962 | 2.13 |
| 71 | 2618 | 0.14 | 130 | 6800 87-1 | | 2964 | 2.97 |

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A88: 2652

READY

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG | SUSCEPT. |
| 3 | | | | | | | |
| 72 | 2620 | 1.46 | 130 | 6800 87-1 | | 2966 | 1.2 |
| 73 | 2622 | 4.47 | 130 | 6800 87-1 | | 2968 | 1.93 |
| 74 | 2624 | 0 | 130 | 6800 87-1 | | 2970 | 2.27 |
| 75 | 2626 | 0.3 | 130 | 6800 87-1 | | 2972 | 0.27 |
| 76 | 2628 | 1.27 | 130 | 6800 87-1 | | 2974 | 1.46 |
| 77 | 2630 | 0.51 | 130 | 6800 87-1 | | 2976 | 5.03 |
| 78 | 2632 | 0.48 | 130 | 6800 87-1 | | 2978 | 2.66 |
| 79 | 2634 | 0.02 | 130 | 6800 87-1 | | 2980 | 3.7 |
| 80 | 2636 | 2.83 | 130 | 6800 87-1 | | 2982 | 5.07 |
| 81 | 2638 | 1.41 | 130 | 6800 87-1 | | 2984 | 0.08 |
| 82 | 2640 | 3.06 | 130 | 6800 87-1 | | 2986 | 5.36 |
| 83 | 2642 | 0 | 130 | 6800 87-1 | | 2988 | 0.66 |
| 84 | 2644 | 0 | 130 | 6800 87-1 | | 2990 | 1.07 |
| 85 | 2646 | 2.59 | 130 | 6800 87-1 | | 2992 | 0.05 |
| 86 | 2648 | 0.55 | 130 | 6800 87-1 | | 2994 | 0.02 |
| 87 | 2650 | 0.85 | 130 | 6800 87-1 | | 2996 | 0.05 |
| 88 | 2652 | 3.06 | 130 | 6800 87-1 | | 2998 | 0.05 |

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A105: 2686 READY

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG | SUSCEPT. |
| 3 | | | | | | | |
| 89 | 2654 | 4.93 | 130 | 6800 87-1 | | 3000 | 0.32 |
| 90 | 2656 | 2.67 | 130 | 6800 87-1 | | 3002 | 0.02 |
| 91 | 2658 | 2.92 | 130 | 6800 87-1 | | 3004 | 0.51 |
| 92 | 2660 | 2.06 | 130 | 6800 87-1 | | 3006 | 2.2 |
| 93 | 2662 | 1.91 | 130 | 6800 87-1 | | 3008 | 0.64 |
| 94 | 2664 | 4.82 | 130 | 6800 87-1 | | 3010 | 1.31 |
| 95 | 2666 | 3.17 | 130 | 6800 87-1 | | 3012 | 1.96 |
| 96 | 2668 | 1.68 | 130 | 6800 87-1 | | 3014 | 0 |
| 97 | 2670 | 10.9 | 132 | 6800 87-1 | | 3016 | 0.05 |
| 98 | 2672 | 10.8 | 132 | 6800 87-1 | | 3018 | 0 |
| 99 | 2674 | 12.7 | 132 | 6800 87-1 | | 3020 | 0.26 |
| 100 | 2676 | 5.83 | 132 | 6800 87-1 | | 3022 | 0 |
| 101 | 2678 | 7.11 | 132 | 6800 87-1 | | 3024 | 0 |
| 102 | 2680 | 6.82 | 132 | 6800 87-1 | | 3026 | 0.08 |
| 103 | 2682 | 5.12 | 132 | 6800 87-1 | | 3028 | 0.21 |
| 104 | 2684 | 6.93 | 132 | 6800 87-1 | | 3030 | 0 |
| 105 | 2686 | 5.47 | 132 | 6800 87-1 | | 3032 | 0.46 |

02-May-91 02:54 PM

A122: 2720 READY

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG | SUSCEPT. |
| 3 | | | | | | | |
| 106 | 2688 | 5.93 | 132 | 6800 87-1 | | 3034 | 0.16 |
| 107 | 2690 | 6.49 | 132 | 6800 87-1 | | 3036 | 7.81 |
| 108 | 2692 | 11.9 | 132 | 6800 87-1 | | 3038 | 4.38 |
| 109 | 2694 | 2.96 | 132 | 6800 87-1 | | 3040 | 8.25 |
| 110 | 2696 | 25.1 | 130 | 6800 87-1 | | 3042 | 0.49 |
| 111 | 2698 | 5.34 | 130 | 6800 87-1 | | 3044 | 1.76 |
| 112 | 2700 | 5.41 | 130 | 6800 87-1 | | 3046 | 0.45 |
| 113 | 2702 | 5.52 | 130 | 6800 87-1 | | 3048 | 0.86 |
| 114 | 2704 | 3.91 | 130 | 6800 87-1 | | 3050 | 4.92 |
| 115 | 2706 | 0.54 | 130 | 6800 87-1 | | 3052 | 0.22 |
| 116 | 2708 | 0.56 | 130 | 6800 87-1 | | 3054 | 0.31 |
| 117 | 2710 | 1.19 | 130 | 6800 87-1 | | 3056 | 0.5 |
| 118 | 2712 | 4.49 | 130 | 6800 87-1 | | 3058 | 0.18 |
| 119 | 2714 | 2.25 | 130 | 6800 87-1 | | 3060 | 0.02 |
| 120 | 2716 | 1.71 | 130 | 6800 87-1 | | 3062 | 1.1 |
| 121 | 2718 | 1.26 | 130 | 6800 87-1 | | 3064 | 0.88 |
| 122 | 2720 | 1.15 | 130 | 6800 87-1 | | 3066 | 8.07 |

02-May-91 02:56 PM

A139: 2754 READY

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG | SUSCEPT. |
| 3 | | | | | | | |
| 123 | 2722 | 0.26 | 130 | 6800 87-1 | | 3068 | 5.36 |
| 124 | 2724 | 0.52 | 130 | 6800 87-1 | | 3070 | 2.74 |
| 125 | 2726 | 1.69 | 130 | 6800 87-1 | | 3072 | 16.3 |
| 126 | 2728 | 2.49 | 130 | 6800 87-1 | | 3074 | 0.84 |
| 127 | 2730 | 0.8 | 130 | 6800 87-1 | | 3076 | 8.35 |
| 128 | 2732 | 0.52 | 130 | 6800 87-1 | | 3078 | 8.89 |
| 129 | 2734 | 3.29 | 130 | 6800 87-1 | | 3080 | 6.12 |
| 130 | 2736 | 1.82 | 130 | 6800 87-1 | | 3082 | 2.98 |
| 131 | 2738 | 1.6 | 130 | 6800 87-1 | | 3084 | 1.36 |
| 132 | 2740 | 2.75 | 130 | 6800 87-1 | | 3086 | 9.08 |
| 133 | 2742 | 3.05 | 130 | 6800 87-1 | | 3088 | 8.27 |
| 134 | 2744 | 1.53 | 130 | 6800 87-1 | | 3090 | 0.23 |
| 135 | 2746 | 3.04 | 130 | 6800 87-1 | | 3092 | 0.17 |
| 136 | 2748 | 1.69 | 130 | 6800 87-1 | | 3094 | 0.05 |
| 137 | 2750 | 3.89 | 130 | 6800 87-1 | | 3096 | 0.04 |
| 138 | 2752 | 1.25 | 130 | 6800 87-1 | | 3098 | 0.5 |
| 139 | 2754 | 1.02 | 130 | 6800 87-1 | | 3100 | 0.82 |

02-May-91 02:57 PM

A156: 2788 READY

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG | SUSCEPT. |
| 3 | | | | | | | |
| 140 | 2756 | 3.55 | 130 | 6800 87-1 | | 3102 | 0.92 |
| 141 | 2758 | 1.83 | 130 | 6800 87-1 | | 3104 | 0.16 |
| 142 | 2760 | 0.81 | 130 | 6800 87-1 | | 3106 | 0.26 |
| 143 | 2762 | 0.81 | 130 | 6800 87-1 | | 3108 | 0.1 |
| 144 | 2764 | 0.18 | 130 | 6800 87-1 | | 3110 | |
| 145 | 2766 | 0.48 | 130 | 6800 87-1 | | 3112 | |
| 146 | 2768 | 0.47 | 130 | 6800 87-1 | | 3114 | |
| 147 | 2770 | 0.47 | 130 | 6800 87-1 | | 3116 | |
| 148 | 2772 | 0 | 130 | 6800 87-1 | | 3118 | |
| 149 | 2774 | 0 | 130 | 6800 87-1 | | 3120 | |
| 150 | 2776 | 0.14 | 130 | 6800 87-1 | | 3122 | |
| 151 | 2778 | 0.28 | 130 | 6800 87-1 | | 3124 | |
| 152 | 2780 | 0.24 | 130 | 6800 87-1 | | 3126 | |
| 153 | 2782 | 0.02 | 130 | 6800 87-1 | | 3128 | |
| 154 | 2784 | 0.23 | 130 | 6800 87-1 | | 3130 | |
| 155 | 2786 | 1.33 | 130 | 6800 87-1 | | 3132 | |
| 156 | 2788 | 0.83 | 130 | 6800 87-1 | | 3134 | |

02-May-91 02:58 PM

A173: 2822 READY

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG | SUSCEPT. |
| 3 | | | | | | | |
| 157 | 2790 | 0.22 | 130 | 6800 87-1 | | 3136 | |
| 158 | 2792 | 0.39 | 130 | 6800 87-1 | | 3138 | |
| 159 | 2794 | 0.22 | 130 | 6800 87-1 | | 3140 | |
| 160 | 2796 | 0.82 | 130 | 6800 87-1 | | 3142 | |
| 161 | 2798 | 0.13 | 130 | 6800 87-1 | | 3144 | |
| 162 | 2800 | 0.15 | 130 | 6800 87-1 | | 3146 | |
| 163 | 2802 | 0.02 | 130 | 6800 87-1 | | 3148 | |
| 164 | 2804 | 0.14 | 130 | 6800 87-1 | | 3150 | |
| 165 | 2806 | 0.23 | 130 | 6800 87-1 | | 3152 | |
| 166 | 2808 | 0.33 | 130 | 6800 87-1 | | 3154 | |
| 167 | 2810 | 0.12 | 130 | 6800 87-1 | | 3156 | 3.11 |
| 168 | 2812 | 0.05 | 130 | 6800 87-1 | | 3158 | 2.65 |
| 169 | 2814 | 0.18 | 130 | 6800 87-1 | | 3160 | 1.83 |
| 170 | 2816 | 0.11 | 130 | 6800 87-1 | | 3162 | 0.12 |
| 171 | 2818 | 0 | 130 | 6800 87-1 | | 3164 | 0.61 |
| 172 | 2820 | 0.07 | 130 | 6800 87-1 | | 3166 | 0.41 |
| 173 | 2822 | 0.03 | 130 | 6800 87-1 | | 3168 | 0 |

02-May-91 02:59 PM

A190: READY

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG | SUSCEPT. |
| 3 | | | | | | | |
| 174 | 2824 | 0.73 | 130 | 6800 87-1 | | 3170 | 0.25 |
| 175 | 2826 | 1.42 | 130 | 6800 87-1 | | 3172 | 0.27 |
| 176 | 2828 | 0.33 | 130 | 6800 87-1 | | 3174 | 0.23 |
| 177 | | | | | | 3176 | 0.58 |
| 178 | | | | | | 3178 | 0.45 |
| 179 | | | | | | 3180 | 0.77 |
| 180 | | | | | | 3182 | 0.27 |
| 181 | | | | | | 3184 | 0.2 |
| 182 | | | | | | 3186 | 0.28 |
| 183 | | | | | | 3188 | 0.4 |
| 184 | | | | | | 3190 | 0.2 |
| 185 | | | | | | 3192 | 0.29 |
| 186 | | | | | | 3194 | 0.2 |
| 187 | | | | | | 3196 | 0.21 |
| 188 | | | | | | 3198 | 2.27 |
| 189 | | | | | | 3200 | 0.27 |
| 190 | | | | | | 3202 | 0.47 |

02-May-91 03:00 PM

F4: 2830 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 4 | | 2830 | 0.16 | 130 | 6800 87-1 | | 504 |
| 5 | | 2832 | 0.12 | 130 | 6800 87-1 | | 506 |
| 6 | | 2834 | 0 | 130 | 6800 87-1 | | 508 |
| 7 | | 2836 | 0.22 | 130 | 6800 87-1 | | 510 |
| 8 | | 2838 | 0.04 | 130 | 6800 87-1 | | 512 |
| 9 | | 2840 | 0.06 | 130 | 6800 87-1 | | 514 |
| 10 | | 2842 | 0.1 | 130 | 6800 87-1 | | 516 |
| 11 | | 2844 | 0 | 130 | 6800 87-1 | | 518 |
| 12 | | 2846 | 0.55 | 130 | 6800 87-1 | | 520 |
| 13 | | 2848 | 0.18 | 130 | 6800 87-1 | | 522 |
| 14 | | 2850 | 1.23 | 170 | 6800 87-1 | | 524 |
| 15 | | 2852 | 0 | 170 | 6800 87-1 | | 526 |
| 16 | | 2854 | 0.07 | 170 | 6800 87-1 | | 528 |
| 17 | | 2856 | 0.18 | 170 | 6800 87-1 | | 530 |
| 18 | | 2858 | 0.22 | 170 | 6800 87-1 | | 532 |
| 19 | | 2860 | 0.66 | 170 | 6800 87-1 | | 534 |
| 20 | | 2862 | 0.82 | 170 | 6800 87-1 | | 536 |

02-May-91 03:01 PM

F37: 2896 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 21 | | 2864 | 1.31 | 170 | 6800 87-1 | | 538 |
| 22 | | 2866 | 0.08 | 170 | 6800 87-1 | | 540 |
| 23 | | 2868 | 0.13 | 170 | 6800 87-1 | | 542 |
| 24 | | 2870 | 0 | 170 | 6800 87-1 | | 544 |
| 25 | | 2872 | 0.31 | 130 | 6800 87-1 | | 546 |
| 26 | | 2874 | 0.13 | 130 | 6800 87-1 | | 548 |
| 27 | | 2876 | 0 | 130 | 6800 87-1 | | 550 |
| 28 | | 2878 | 0.54 | 130 | 6800 87-1 | | 552 |
| 29 | | 2880 | 0 | 130 | 6800 87-1 | | 554 |
| 30 | | 2882 | 0.1 | 130 | 6800 87-1 | | 556 |
| 31 | | 2884 | 0.09 | 130 | 6800 87-1 | | 558 |
| 32 | | 2886 | 0.65 | 130 | 6800 87-1 | | 560 |
| 33 | | 2888 | 0.9 | 130 | 6800 87-1 | | 562 |
| 34 | | 2890 | 0.06 | 130 | 6800 87-1 | | 564 |
| 35 | | 2892 | 0.25 | 130 | 6800 87-1 | | 566 |
| 36 | | 2894 | 1.04 | 130 | 6800 87-1 | | 568 |
| 37 | | 2896 | 1.89 | 130 | 6800 87-1 | | 570 |

02-May-91 03:03 PM

F54: 2930 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 38 | | 2898 | 1.76 | 130 | 6800 87-1 | | 572 |
| 39 | | 2900 | 1.41 | 130 | 6800 87-1 | | 574 |
| 40 | | 2902 | 1.01 | 130 | 6800 87-1 | | 576 |
| 41 | | 2904 | 1.43 | 130 | 6800 87-1 | | 578 |
| 42 | | 2906 | 1 | 130 | 6800 87-1 | | 580 |
| 43 | | 2908 | 1.06 | 130 | 6800 87-1 | | 582 |
| 44 | | 2910 | 2.81 | 130 | 6800 87-1 | | 584 |
| 45 | | 2912 | 2.84 | 130 | 6800 87-1 | | 586 |
| 46 | | 2914 | 7.43 | 130 | 6800 87-1 | | 588 |
| 47 | | 2916 | 1.28 | 130 | 6800 87-1 | | 590 |
| 48 | | 2918 | 4.6 | 120 | 6800 87-1 | | 592 |
| 49 | | 2920 | 0.75 | 120 | 6800 87-1 | | 594 |
| 50 | | 2922 | 0.46 | 120 | 6800 87-1 | | 596 |
| 51 | | 2924 | 1.26 | 120 | 6800 87-1 | | 598 |
| 52 | | 2926 | 0.56 | 120 | 6800 87-1 | | 600 |
| 53 | | 2928 | 1 | 120 | 6800 87-1 | | 602 |
| 54 | | 2930 | 0.87 | 120 | 6800 87-1 | | 604 |

02-May-91 03:04 PM

F71: 2964 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 55 | | 2932 | 0.09 | 120 | 6800 87-1 | | 606 |
| 56 | | 2934 | 0.14 | 120 | 6800 87-1 | | 608 |
| 57 | | 2936 | 0 | 120 | 6800 87-1 | | 610 |
| 58 | | 2938 | 1.61 | 170 | 6800 87-1 | | 612 |
| 59 | | 2940 | 1.68 | 170 | 6800 87-1 | | 614 |
| 60 | | 2942 | 0 | 170 | 6800 87-1 | | 616 |
| 61 | | 2944 | 0.24 | 170 | 6800 87-1 | | 618 |
| 62 | | 2946 | 0 | 170 | 6800 87-1 | | 620 |
| 63 | | 2948 | 3.53 | 120 | 6800 87-1 | | 622 |
| 64 | | 2950 | 2.45 | 120 | 6800 87-1 | | 624 |
| 65 | | 2952 | 1.2 | 120 | 6800 87-1 | | 626 |
| 66 | | 2954 | 2.25 | 120 | 6800 87-1 | | 628 |
| 67 | | 2956 | 2.36 | 120 | 6800 87-1 | | 630 |
| 68 | | 2958 | 3.35 | 120 | 6800 87-1 | | 632 |
| 69 | | 2960 | 3.18 | 120 | 6800 87-1 | | 634 |
| 70 | | 2962 | 2.13 | 120 | 6800 87-1 | | 636 |
| 71 | | 2964 | 2.97 | 120 | 6800 87-1 | | 638 |

02-May-91 03:05 PM

F88: 2998 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 72 | | 2966 | 1.2 | 120 | 6800 87-1 | | 640 |
| 73 | | 2968 | 1.93 | 120 | 6800 87-1 | | 642 |
| 74 | | 2970 | 2.27 | 120 | 6800 87-1 | | 644 |
| 75 | | 2972 | 0.27 | 120 | 6800 87-1 | | 646 |
| 76 | | 2974 | 1.46 | 120 | 6800 87-1 | | 648 |
| 77 | | 2976 | 5.03 | 120 | 6800 87-1 | | 650 |
| 78 | | 2978 | 2.66 | 120 | 6800 87-1 | | 652 |
| 79 | | 2980 | 3.7 | 120 | 6800 87-1 | | 654 |
| 80 | | 2982 | 5.07 | 120 | 6800 87-1 | | 656 |
| 81 | | 2984 | 0.08 | 120 | 6800 87-1 | | 658 |
| 82 | | 2986 | 5.36 | 120 | 6800 87-1 | | 660 |
| 83 | | 2988 | 0.66 | 120 | 6800 87-1 | | 662 |
| 84 | | 2990 | 1.07 | 170 | 6800 87-1 | | 664 |
| 85 | | 2992 | 0.05 | 170 | 6800 87-1 | | 666 |
| 86 | | 2994 | 0.02 | 170 | 6800 87-1 | | 668 |
| 87 | | 2996 | 0.05 | 170 | 6800 87-1 | | 670 |
| 88 | | 2998 | 0.05 | 170 | 6800 87-1 | | 672 |

02-May-91 03:06 PM

F105: 3032 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | \| | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 89 | | 3000 | 0.32 | 170 | 6800 87-1 | | 674 |
| 90 | | 3002 | 0.02 | 170 | 6800 87-1 | | 676 |
| 91 | | 3004 | 0.51 | 170 | 6800 87-1 | | 678 |
| 92 | | 3006 | 2.2 | 170 | 6800 87-1 | | 680 |
| 93 | | 3008 | 0.64 | 170 | 6800 87-1 | | 682 |
| 94 | | 3010 | 1.31 | 170 | 6800 87-1 | | 684 |
| 95 | | 3012 | 1.96 | 170 | 6800 87-1 | | 686 |
| 96 | | 3014 | 0 | 170 | 6800 87-1 | | 688 |
| 97 | | 3016 | 0.05 | 170 | 6800 87-1 | | 690 |
| 98 | | 3018 | 0 | 170 | 6800 87-1 | | 692 |
| 99 | | 3020 | 0.26 | 170 | 6800 87-1 | | 694 |
| 100 | | 3022 | 0 | 170 | 6800 87-1 | | 696 |
| 101 | | 3024 | 0 | 170 | 6800 87-1 | | 698 |
| 102 | | 3026 | 0.08 | 170 | 6800 87-1 | | 700 |
| 103 | | 3028 | 0.21 | 170 | 6800 87-1 | | 702 |
| 104 | | 3030 | 0 | 170 | 6800 87-1 | | 704 |
| 105 | | 3032 | 0.46 | 120 | 6800 87-1 | | 706 |

02-May-91 03:07 PM

F122: 3066 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 106 | | 3034 | 0.16 | 120 | 6800 87-1 | | 708 |
| 107 | | 3036 | 7.81 | 120 | 6800 87-1 | | 710 |
| 108 | | 3038 | 4.38 | 120 | 6800 87-1 | | 712 |
| 109 | | 3040 | 8.25 | 120 | 6800 87-1 | | 714 |
| 110 | | 3042 | 0.49 | 120 | 6800 87-1 | | 716 |
| 111 | | 3044 | 1.76 | 120 | 6800 87-1 | | 718 |
| 112 | | 3046 | 0.45 | 120 | 6800 87-1 | | 720 |
| 113 | | 3048 | 0.86 | 120 | 6800 87-1 | | 722 |
| 114 | | 3050 | 4.92 | 120 | 6800 87-1 | | 724 |
| 115 | | 3052 | 0.22 | 120 | 6800 87-1 | | 726 |
| 116 | | 3054 | 0.31 | 120 | 6800 87-1 | | 728 |
| 117 | | 3056 | 0.5 | 120 | 6800 87-1 | | 730 |
| 118 | | 3058 | 0.18 | 120 | 6800 87-1 | | 732 |
| 119 | | 3060 | 0.02 | 120 | 6800 87-1 | | 734 |
| 120 | | 3062 | 1.1 | 120 | 6800 87-1 | | 736 |
| 121 | | 3064 | 0.88 | 120 | 6800 87-1 | | 738 |
| 122 | | 3066 | 8.07 | 120 | 6800 87-1 | | 740 |

02-May-91 03:08 PM

F139: 3100 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 123 | | 3068 | 5.36 | 120 | 6800 87-1 | | 742 |
| 124 | | 3070 | 2.74 | 120 | 6800 87-1 | | 744 |
| 125 | | 3072 | 16.3 | 120 | 6800 87-1 | | 746 |
| 126 | | 3074 | 0.84 | 120 | 6800 87-1 | | 748 |
| 127 | | 3076 | 8.35 | 120 | 6800 87-1 | | 750 |
| 128 | | 3078 | 8.89 | 120 | 6800 87-1 | | 752 |
| 129 | | 3080 | 6.12 | 120 | 6800 87-1 | | 754 |
| 130 | | 3082 | 2.98 | 120 | 6800 87-1 | | 756 |
| 131 | | 3084 | 1.36 | 120 | 6800 87-1 | | 758 |
| 132 | | 3086 | 9.08 | 120 | 6800 87-1 | | 760 |
| 133 | | 3088 | 8.27 | 120 | 6800 87-1 | | 762 |
| 134 | | 3090 | 0.23 | 170 | 6800 87-1 | | 764 |
| 135 | | 3092 | 0.17 | 170 | 6800 87-1 | | 766 |
| 136 | | 3094 | 0.05 | 170 | 6800 87-1 | | 768 |
| 137 | | 3096 | 0.04 | 170 | 6800 87-1 | | 770 |
| 138 | | 3098 | 0.5 | 170 | 6800 87-1 | | 772 |
| 139 | | 3100 | 0.82 | 170 | 6800 87-1 | | 774 |

02-May-91 03:09 PM SCROLL

F140: 3102 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 140 | | 3102 | 0.92 | 170 | 6800 87-1 | | 776 |
| 141 | | 3104 | 0.16 | 170 | 6800 87-1 | | 778 |
| 142 | | 3106 | 0.26 | 170 | 6800 87-1 | | 780 |
| 143 | | 3108 | 0.1 | 170 | 6800 87-1 | | 782 |
| 144 | | 3110 | | 170 | 6800 87-1 | | 784 |
| 145 | | 3112 | | 170 | 6800 87-1 | | 786 |
| 146 | | 3114 | | 001 | 6800 87-1 | | 788 |
| 147 | | 3116 | | 001 | 6800 87-1 | | 790 |
| 148 | | 3118 | | 001 | 6800 87-1 | | 792 |
| 149 | | 3120 | | 001 | 6800 87-1 | | 794 |
| 150 | | 3122 | | 001 | 6800 87-1 | | 796 |
| 151 | | 3124 | | 001 | 6800 87-1 | | 798 |
| 152 | | 3126 | | 222 | 6800 87-1 | | 800 |
| 153 | | 3128 | | 222 | 6800 87-1 | | 802 |
| 154 | | 3130 | | 222 | 6800 87-1 | | 804 |
| 155 | | 3132 | | 261 | 6800 87-1 | | 806 |
| 156 | | 3134 | | 261 | 6800 87-1 | | 808 |

02-May-91 03:10 PM SCROLL

F157: 3136 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 157 | | 3136 | | 261 | 6800 87-1 | | 810 |
| 158 | | 3138 | | 261 | 6800 87-1 | | 812 |
| 159 | | 3140 | | 261 | 6800 87-1 | | 814 |
| 160 | | 3142 | | 261 | 6800 87-1 | | 816 |
| 161 | | 3144 | | 261 | 6800 87-1 | | 818 |
| 162 | | 3146 | | 331 | 6800 87-1 | | 820 |
| 163 | | 3148 | | 331 | 6800 87-1 | | 822 |
| 164 | | 3150 | | 222 | 6800 87-1 | | 824 |
| 165 | | 3152 | | 331 | 6800 87-1 | | 826 |
| 166 | | 3154 | | 221 | 6800 87-1 | | 828 |
| 167 | | 3156 | 3.11 | 121 | 6800 87-1 | | 830 |
| 168 | | 3158 | 2.65 | 121 | 6800 87-1 | | 832 |
| 169 | | 3160 | 1.83 | 121 | 6800 87-1 | | 834 |
| 170 | | 3162 | 0.12 000 | | 6800 87-1 | | 836 |
| 171 | | 3164 | 0.61 000 | | 6800 87-1 | | 838 |
| 172 | | 3166 | 0.41 000 | | 6800 87-1 | | 840 |
| 173 | | 3168 | 0 000 | | 6800 87-1 | | 842 |

02-May-91 03:11 PM SCROLL

F157: 3136 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | \| | \| FTG | SUSCEPT. | LITHOGLOGY | HOLE # \| | | FTG |
| 3 | | | | | | | |
| 157 | | 3136 | | 261 | 6800 87-1 | | 810 |
| 158 | | 3138 | | 261 | 6800 87-1 | | 812 |
| 159 | | 3140 | | 261 | 6800 87-1 | | 814 |
| 160 | | 3142 | | 261 | 6800 87-1 | | 816 |
| 161 | | 3144 | | 261 | 6800 87-1 | | 818 |
| 162 | | 3146 | | 331 | 6800 87-1 | | 820 |
| 163 | | 3148 | | 331 | 6800 87-1 | | 822 |
| 164 | | 3150 | | 222 | 6800 87-1 | | 824 |
| 165 | | 3152 | | 331 | 6800 87-1 | | 826 |
| 166 | | 3154 | | 221 | 6800 87-1 | | 828 |
| 167 | | 3156 | 3.11 | 121 | 6800 87-1 | | 830 |
| 168 | | 3158 | 2.65 | 121 | 6800 87-1 | | 832 |
| 169 | | 3160 | 1.83 | 121 | 6800 87-1 | | 834 |
| 170 | | 3162 | 0.12 000 | | 6800 87-1 | | 836 |
| 171 | | 3164 | 0.61 000 | | 6800 87-1 | | 838 |
| 172 | | 3166 | 0.41 000 | | 6800 87-1 | | 840 |
| 173 | | 3168 | 0 000 | | 6800 87-1 | | 842 |

02-May-91 03:12 PM SCROLL

F174: 3170 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | \| | \| FTG | SUSCEPT. | LITHOGLOGY | HOLE # \| | | FTG |
| 3 | | | | | | | |
| 174 | | 3170 | 0.25 000 | | 6800 87-1 | | 844 |
| 175 | | 3172 | 0.27 000 | | 6800 87-1 | | 846 |
| 176 | | 3174 | 0.23 000 | | 6800 87-1 | | 848 |
| 177 | | 3176 | 0.58 000 | | 6800 87-1 | | 850 |
| 178 | | 3178 | 0.45 000 | | 6800 87-1 | | 852 |
| 179 | | 3180 | 0.77 000 | | 6800 87-1 | | 854 |
| 180 | | 3182 | 0.27 000 | | 6800 87-1 | | 856 |
| 181 | | 3184 | 0.2 000 | | 6800 87-1 | | 858 |
| 182 | | 3186 | 0.28 000 | | 6800 87-1 | | 860 |
| 183 | | 3188 | 0.4 000 | | 6800 87-1 | | 862 |
| 184 | | 3190 | 0.2 000 | | 6800 87-1 | | 864 |
| 185 | | 3192 | 0.29 000 | | 6800 87-1 | | 866 |
| 186 | | 3194 | 0.2 000 | | 6800 87-1 | | 868 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 187 | | 3196 | 0.21 | 000 | | 6800 87-1 | 870 |
| 188 | | 3198 | 2.27 | 000 | | 6800 87-1 | 872 |
| 189 | | 3200 | 0.27 | 000 | | 6800 87-1 | 874 |
| 190 | | 3202 | 0.47 | 000 | | 6800 87-1 | 876 |

02-May-91 03:14 PM SCROLL

F191: 3204 READY

| | E | F | G | | H | I | J | K |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | |
| 2 | | FTG | SUSCEPT. | | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | | |
| 187 | | 3196 | 0.21 | 000 | | 6800 87-1 | | 870 |
| 188 | | 3198 | 2.27 | 000 | | 6800 87-1 | | 872 |
| 189 | | 3200 | 0.27 | 000 | | 6800 87-1 | | 874 |
| 190 | | 3202 | 0.47 | 000 | | 6800 87-1 | | 876 |
| 191 | | 3204 | 2.41 | 000 | | 6800 87-1 | | 878 |
| 192 | | 3206 | 1.06 | 000 | | 6800 87-1 | | 880 |
| 193 | | 3208 | 0.35 | 000 | | 6800 87-1 | | 882 |
| 194 | | 3210 | 16.2 | | 121 | 6800 87-1 | | 884 |
| 195 | | 3212 | 5.65 | | 121 | 6800 87-1 | | 886 |
| 196 | | 3214 | 2.5 | | 121 | 6800 87-1 | | 888 |
| 197 | | 3216 | 2.03 | | 121 | 6800 87-1 | | 890 |
| 198 | | 3218 | 0.52 | | 121 | 6800 87-1 | | 892 |
| 199 | | 3220 | 2.34 | | 121 | 6800 87-1 | | 894 |
| 200 | | 3222 | 0.91 | | 121 | 6800 87-1 | | 896 |
| 201 | | 3224 | 1.36 | | 121 | 6800 87-1 | | 898 |
| 202 | | 3226 | 0.15 | 000 | | 6800 87-1 | | 900 |
| 203 | | 3228 | 0.01 | 000 | | 6800 87-1 | | 902 |

02-May-91 03:16 PM SCROLL

F204: 3230 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | \| | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 204 | | 3230 | 0 000 | | 6800 87-1 | | 904 |
| 205 | | 3232 | 0 000 | | 6800 87-1 | | 906 |
| 206 | | 3234 | 0 000 | | 6800 87-1 | | 908 |
| 207 | | 3236 | 0 000 | | 6800 87-1 | | 910 |
| 208 | | 3238 | 0 000 | | 6800 87-1 | | 912 |
| 209 | | 3240 | 0 000 | | 6800 87-1 | | 914 |
| 210 | | 3242 | 0.05 000 | | 6800 87-1 | | 916 |
| 211 | | 3244 | 0 000 | | 6800 87-1 | | 918 |
| 212 | | 3246 | 0.13 000 | | 6800 87-1 | | 920 |
| 213 | | 3248 | 0 000 | | 6800 87-1 | | 922 |
| 214 | | 3250 | 1.22 | 120 | 6800 87-1 | | 924 |
| 215 | | 3252 | 0.01 | 120 | 6800 87-1 | | 926 |
| 216 | | 3254 | 1.32 | 120 | 6800 87-1 | | 928 |
| 217 | | 3256 | 2.51 | 120 | 6800 87-1 | | 930 |
| 218 | | 3258 | 1.13 | 120 | 6800 87-1 | | 932 |
| 219 | | 3260 | 0.7 | 120 | 6800 87-1 | | 934 |
| 220 | | 3262 | 0.58 | 120 | 6800 87-1 | | 936 |

02-May-91 03:17 PM SCROLL

F221: 3264 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | \| | FTG | SUSCEPT. | LITHOGLOGY | HOLE # \| | | FTG |
| 3 | | | | | | | |
| 221 | | 3264 | 0.77 | 120 | 6800 87-1 | | 938 |
| 222 | | 3266 | 0.59 | 120 | 6800 87-1 | | 940 |
| 223 | | 3268 | 0.85 | 120 | 6800 87-1 | | 942 |
| 224 | | 3270 | 0.36 | 120 | 6800 87-1 | | 944 |
| 225 | | 3272 | 0 000 | | 6800 87-1 | | 946 |
| 226 | | 3274 | 0 000 | | 6800 87-1 | | 948 |
| 227 | | 3276 | 0 000 | | 6800 87-1 | | 950 |
| 228 | | 3278 | 0.95 | 120 | 6800 87-1 | | 952 |
| 229 | | 3280 | 0.38 | 120 | 6800 87-1 | | 954 |
| 230 | | 3282 | 0.55 | 120 | 6800 87-1 | | 956 |
| 231 | | 3284 | 0 | 120 | 6800 87-1 | | 958 |
| 232 | | 3286 | 0.54 | 120 | 6800 87-1 | | 960 |
| 233 | | 3288 | 0.48 | 120 | 6800 87-1 | | 962 |
| 234 | | 3290 | 6.18 | 120 | 6800 87-1 | | 964 |
| 235 | | 3292 | 0.98 | 120 | 6800 87-1 | | 966 |
| 236 | | 3294 | 1.11 | 120 | 6800 87-1 | | 968 |
| 237 | | 3296 | 0.47 | 120 | 6800 87-1 | | 970 |

02-May-91 03:18 PM SCROLL

F238: 3298 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 238 | | 3298 | 0.28 | 120 | 6800 87-1 | | 972 |
| 239 | | 3300 | 0.37 | 120 | 6800 87-1 | | 974 |
| 240 | | 3302 | 0 | 120 | 6800 87-1 | | 976 |
| 241 | | 3304 | 0.53 | 120 | 6800 87-1 | | 978 |
| 242 | | 3306 | 0.2 | 120 | 6800 87-1 | | 980 |
| 243 | | 3308 | 0.59 | 120 | 6800 87-1 | | 982 |
| 244 | | 3310 | 1.17 | 221 | 6800 87-1 | | 984 |
| 245 | | 3312 | 0.81 | 221 | 6800 87-1 | | 986 |
| 246 | | 3314 | 2.7 | 313 | 6800 87-1 | | 988 |
| 247 | | 3316 | 13.1 | 313 | 6800 87-1 | | 990 |
| 248 | | 3318 | 5.32 | 313 | 6800 87-1 | | 992 |
| 249 | | 3320 | 0.57 | 313 | 6800 87-1 | | 994 |
| 250 | | 3322 | 0.26 | 313 | 6800 87-1 | | 996 |
| 251 | | 3324 | 1.85 | 313 | 6800 87-1 | | 998 |
| 252 | | 3326 | 3.8 | 313 | 6800 87-1 | | 1000 |
| 253 | | 3328 | 6.48 | 313 | 6800 87-1 | | 1002 |
| 254 | | 3330 | 2.55 | 313 | 6800 87-1 | | 1004 |

02-May-91 03:18 PM SCROLL

F255: 3332 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 255 | | 3332 | 7.08 | 313 | 6800 87-1 | | 1006 |
| 256 | | 3334 | 2.15 | 313 | 6800 87-1 | | 1008 |
| 257 | | 3336 | 2.05 | 320 | 6800 87-1 | | 1010 |
| 258 | | 3338 | 1.96 | 320 | 6800 87-1 | | 1012 |
| 259 | | 3340 | 0 | 320 | 6800 87-1 | | 1014 |
| 260 | | 3342 | 0.63 | 320 | 6800 87-1 | | 1016 |
| 261 | | 3344 | 0.4 | 320 | 6800 87-1 | | 1018 |
| 262 | | 3346 | 0.74 | 320 | 6800 87-1 | | 1020 |
| 263 | | 3348 | 0.49 | 320 | 6800 87-1 | | 1022 |
| 264 | | 3350 | 2.53 | 320 | 6800 87-1 | | 1024 |
| 265 | | 3352 | 0.39 | 320 | 6800 87-1 | | 1026 |
| 266 | | 3354 | 0.89 | 320 | 6800 87-1 | | 1028 |
| 267 | | 3356 | 0.5 | 320 | 6800 87-1 | | 1030 |
| 268 | | 3358 | 0 | 320 | 6800 87-1 | | 1032 |
| 269 | | 3360 | 0.54 | 320 | 6800 87-1 | | 1034 |
| 270 | | 3362 | 0.46 | 320 | 6800 87-1 | | 1036 |
| 271 | | 3364 | 0.46 | 320 | 6800 87-1 | | 1038 |

02-May-91 03:19 PM SCROLL

F272: 3366 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 272 | | 3366 | 0.86 | 320 | 6800 87-1 | | 1040 |
| 273 | | 3368 | 1.36 | 320 | 6800 87-1 | | 1042 |
| 274 | | 3370 | 0.2 | 320 | 6800 87-1 | | 1044 |
| 275 | | 3372 | 2.31 | 320 | 6800 87-1 | | 1046 |
| 276 | | 3374 | 0.48 | 320 | 6800 87-1 | | 1048 |
| 277 | | 3376 | 2.92 | 320 | 6800 87-1 | | 1050 |
| 278 | | 3378 | 0.27 | 260 | 6800 87-1 | | 1052 |
| 279 | | 3380 | 1.28 | 260 | 6800 87-1 | | 1054 |
| 280 | | 3382 | 1.2 | 170 | 6800 87-1 | | 1056 |
| 281 | | 3384 | 4.74 | 170 | 6800 87-1 | | 1058 |
| 282 | | 3386 | 0.15 | 170 | 6800 87-1 | | 1060 |
| 283 | | 3388 | 0.17 | 170 | 6800 87-1 | | 1062 |
| 284 | | 3390 | 0.06 | 170 | 6800 87-1 | | 1064 |
| 285 | | 3392 | 0.27 | 170 | 6800 87-1 | | 1066 |
| 286 | | 3394 | 0.1 | 170 | 6800 87-1 | | 1068 |
| 287 | | 3396 | 0.15 | 170 | 6800 87-1 | | 1070 |
| 288 | | 3398 | 0.12 | 170 | 6800 87-1 | | 1072 |

02-May-91 03:20 PM SCROLL

F272: 3366 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 272 | | 3366 | 0.86 | 320 | 6800 87-1 | | 1040 |
| 273 | | 3368 | 1.36 | 320 | 6800 87-1 | | 1042 |
| 274 | | 3370 | 0.2 | 320 | 6800 87-1 | | 1044 |
| 275 | | 3372 | 2.31 | 320 | 6800 87-1 | | 1046 |
| 276 | | 3374 | 0.48 | 320 | 6800 87-1 | | 1048 |
| 277 | | 3376 | 2.92 | 320 | 6800 87-1 | | 1050 |
| 278 | | 3378 | 0.27 | 260 | 6800 87-1 | | 1052 |
| 279 | | 3380 | 1.28 | 260 | 6800 87-1 | | 1054 |
| 280 | | 3382 | 1.2 | 170 | 6800 87-1 | | 1056 |
| 281 | | 3384 | 4.74 | 170 | 6800 87-1 | | 1058 |
| 282 | | 3386 | 0.15 | 170 | 6800 87-1 | | 1060 |
| 283 | | 3388 | 0.17 | 170 | 6800 87-1 | | 1062 |
| 284 | | 3390 | 0.06 | 170 | 6800 87-1 | | 1064 |
| 285 | | 3392 | 0.27 | 170 | 6800 87-1 | | 1066 |
| 286 | | 3394 | 0.1 | 170 | 6800 87-1 | | 1068 |
| 287 | | 3396 | 0.15 | 170 | 6800 87-1 | | 1070 |
| 288 | | 3398 | 0.12 | 170 | 6800 87-1 | | 1072 |

02-May-91 03:21 PM SCROLL

F289: 3400 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 289 | | 3400 | 0.36 | 170 | 6800 87-1 | | 1074 |
| 290 | | 3402 | 0.27 | 170 | 6800 87-1 | | 1076 |
| 291 | | 3404 | 0.25 | 170 | 6800 87-1 | | 1078 |
| 292 | | 3406 | 0.14 | 170 | 6800 87-1 | | 1080 |
| 293 | | 3408 | 0.16 | 190 | 6800 87-1 | | 1082 |
| 294 | | 3410 | 0.52 | 190 | 6800 87-1 | | 1084 |
| 295 | | 3412 | 0.2 | 120 | 6800 87-1 | | 1086 |
| 296 | | 3414 | 1.45 | 265 | 6800 87-1 | | 1088 |
| 297 | | 3416 | 3.43 | 265 | 6800 87-1 | | 1090 |
| 298 | | 3418 | 5.32 | 265 | 6800 87-1 | | 1092 |
| 299 | | 3420 | 35.4 | 265 | 6800 87-1 | | 1094 |
| 300 | | 3422 | 15.2 | 265 | 6800 87-1 | | 1096 |
| 301 | | 3424 | 16.7 | 265 | 6800 87-1 | | 1098 |
| 302 | | 3426 | 265 | 265 | 6800 87-1 | | 1100 |
| 303 | | 3428 | 13.1 | 265 | 6800 87-1 | | 1102 |
| 304 | | 3430 | 231 | 265 | 6800 87-1 | | 1104 |
| 305 | | 3432 | 112 | 265 | 6800 87-1 | | 1106 |

02-May-91 03:21 PM SCROLL

F306: 3434 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 306 | | 3434 | 4.13 | 265 | 6800 87-1 | | 1108 |
| 307 | | 3436 | 12.6 | 265 | 6800 87-1 | | 1110 |
| 308 | | 3438 | 2.16 | 265 | 6800 87-1 | | 1112 |
| 309 | | 3440 | 47.7 | 265 | 6800 87-1 | | 1114 |
| 310 | | 3442 | 19.4 | 265 | 6800 87-1 | | 1116 |
| 311 | | 3444 | 1.7 | 265 | 6800 87-1 | | 1118 |
| 312 | | 3446 | 92.8 | 265 | 6800 87-1 | | 1120 |
| 313 | | 3448 | 224 | 265 | 6800 87-1 | | 1122 |
| 314 | | 3450 | 66.3 | 265 | 6800 87-1 | | 1124 |
| 315 | | 3452 | 2.41 | 265 | 6800 87-1 | | 1126 |
| 316 | | 3454 | 19.2 | 265 | 6800 87-1 | | 1128 |
| 317 | | 3456 | 39.8 | 265 | 6800 87-1 | | 1130 |
| 318 | | 3458 | 18.1 | 265 | 6800 87-1 | | 1132 |
| 319 | | 3460 | 167 | 265 | 6800 87-1 | | 1134 |
| 320 | | 3462 | 30.9 | 265 | 6800 87-1 | | 1136 |
| 321 | | 3464 | 61.3 | 265 | 6800 87-1 | | 1138 |
| 322 | | 3466 | | 265 | 6800 87-1 | | 1140 |

02-May-91 03:22 PM SCROLL

F323: 3468 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 323 | | 3468 | 44.4 | 265 | 6800 87-1 | | 1142 |
| 324 | | 3470 | 53.8 | 265 | 6800 87-1 | | 1144 |
| 325 | | 3472 | 18.5 | 265 | 6800 87-1 | | 1146 |
| 326 | | 3474 | 191 | 265 | 6800 87-1 | | 1148 |
| 327 | | 3476 | 8.13 | 265 | 6800 87-1 | | 1150 |
| 328 | | 3478 | 74.7 | 265 | 6800 87-1 | | 1152 |
| 329 | | 3480 | 2.12 | 265 | 6800 87-1 | | 1154 |
| 330 | | 3482 | 2.7 | 265 | 6800 87-1 | | 1156 |
| 331 | | 3484 | 26.5 | 265 | 6800 87-1 | | 1158 |
| 332 | | 3486 | 2.12 | 265 | 6800 87-1 | | 1160 |
| 333 | | 3488 | 19.2 | 265 | 6800 87-1 | | 1162 |
| 334 | | 3490 | 0.27 | 120 | 6800 87-1 | | 1164 |
| 335 | | 3492 | 0.14 | 120 | 6800 87-1 | | 1166 |
| 336 | | 3494 | 0 | 120 | 6800 87-1 | | 1168 |
| 337 | | 3496 | 0.4 | 120 | 6800 87-1 | | 1170 |
| 338 | | 3498 | 0.05 | 120 | 6800 87-1 | | 1172 |
| 339 | | 3500 | 0 | 120 | 6800 87-1 | | 1174 |

02-May-91 03:22 PM SCROLL

F340: 3502 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 340 | | 3502 | 0.24 | 120 | 6800 87-1 | | 1176 |
| 341 | | 3504 | 0 | 120 | 6800 87-1 | | 1178 |
| 342 | | 3506 | 0 | 120 | 6800 87-1 | | 1180 |
| 343 | | 3508 | 0.14 | 120 | 6800 87-1 | | 1182 |
| 344 | | 3510 | 0 | 120 | 6800 87-1 | | 1184 |
| 345 | | 3512 | 0 | 120 | 6800 87-1 | | 1186 |
| 346 | | 3514 | 0 | 120 | 6800 87-1 | | 1188 |
| 347 | | 3516 | 0 | 110 | 6800 87-1 | | 1190 |
| 348 | | 3518 | 0 | 110 | 6800 87-1 | | 1192 |
| 349 | | 3520 | 0 | 110 | 6800 87-1 | | 1194 |
| 350 | | 3522 | 0.24 | 110 | 6800 87-1 | | 1196 |
| 351 | | 3524 | 0.16 | 110 | 6800 87-1 | | 1198 |
| 352 | | 3526 | 2.06 | 110 | 6800 87-1 | | 1200 |
| 353 | | 3528 | 0.19 | 110 | 6800 87-1 | | 1202 |
| 354 | | 3530 | 0 | 110 | 6800 87-1 | | 1204 |
| 355 | | 3532 | 0 | 120 | 6800 87-1 | | 1206 |
| 356 | | 3534 | 0 | 120 | 6800 87-1 | | 1208 |

02-May-91 03:22 PM SCROLL

F357: 3536 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 357 | | 3536 | 0 | 120 | 6800 87-1 | | 1210 |
| 358 | | 3538 | 0 | 120 | 6800 87-1 | | 1212 |
| 359 | | 3540 | 0 | 120 | 6800 87-1 | | 1214 |
| 360 | | 3542 | 0.48 | 120 | 6800 87-1 | | 1216 |
| 361 | | 3544 | | 120 | 6800 87-1 | | 1218 |
| 362 | | 3546 | | 120 | 6800 87-1 | | 1220 |
| 363 | | 3548 | | 120 | 6800 87-1 | | 1222 |
| 364 | | 3550 | | 120 | 6800 87-1 | | 1224 |
| 365 | | 3552 | 3.4 | 264 | 6800 87-1 | | 1226 |
| 366 | | 3554 | 1.41 | 264 | 6800 87-1 | | 1228 |
| 367 | | 3556 | 3.86 | 264 | 6800 87-1 | | 1230 |
| 368 | | 3558 | 10 | 264 | 6800 87-1 | | 1232 |
| 369 | | 3560 | 2.4 | 264 | 6800 87-1 | | 1234 |
| 370 | | 3562 | | 264 | 6800 87-1 | | 1236 |
| 371 | | 3564 | | 264 | 6800 87-1 | | 1238 |
| 372 | | 3566 | | 264 | 6800 87-1 | | 1240 |
| 373 | | 3568 | | 264 | 6800 87-1 | | 1242 |

02-May-91 03:23 PM SCROLL

F374: 3570 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | \| | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 374 | | 3570 | | 264 | 6800 87-1 | | 1244 |
| 375 | | 3572 | 4.75 | 264 | 6800 87-1 | | 1246 |
| 376 | | 3574 | 2.6 | 264 | 6800 87-1 | | 1248 |
| 377 | | 3576 | 13.8 | 264 | 6800 87-1 | | 1250 |
| 378 | | 3578 | 14.7 | 262 | 6800 87-1 | | 1252 |
| 379 | | 3580 | 2.93 | 260 | 6800 87-1 | | 1254 |
| 380 | | 3582 | 1.88 | 260 | 6800 87-1 | | 1256 |
| 381 | | 3584 | 0.78 | 260 | 6800 87-1 | | 1258 |
| 382 | | 3586 | 1.16 | 260 | 6800 87-1 | | 1260 |
| 383 | | 3588 | 2.6 | 260 | 6800 87-1 | | 1262 |
| 384 | | 3590 | 1.89 | 260 | 6800 87-1 | | 1264 |
| 385 | | 3592 | 1.73 | 260 | 6800 87-1 | | 1266 |
| 386 | | 3594 | 2.94 | 260 | 6800 87-1 | | 1268 |
| 387 | | 3596 | 3.69 | 264 | 6800 87-1 | | 1270 |
| 388 | | 3598 | 0 | 260 | 6800 87-1 | | 1272 |
| 389 | | 3600 | 0.76 | 260 | 6800 87-1 | | 1274 |
| 390 | | 3602 | 1.15 | 260 | 6800 87-1 | | 1276 |

02-May-91 03:23 PM SCROLL

F391: 3604 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 391 | | 3604 | 6.78 | 260 | 6800 87-1 | | 1278 |
| 392 | | 3606 | 6.8 | 260 | 6800 87-1 | | 1280 |
| 393 | | 3608 | 1.88 | 260 | 6800 87-1 | | 1282 |
| 394 | | 3610 | 1.51 | 260 | 6800 87-1 | | 1284 |
| 395 | | 3612 | 1.46 | 260 | 6800 87-1 | | 1286 |
| 396 | | 3614 | 1.01 | 260 | 6800 87-1 | | 1288 |
| 397 | | 3616 | 0.99 | 260 | 6800 87-1 | | 1290 |
| 398 | | 3618 | 2 | 260 | 6800 87-1 | | 1292 |
| 399 | | 3620 | 5.24 | 265 | 6800 87-1 | | 1294 |
| 400 | | 3622 | 47.2 | 260 | 6800 87-1 | | 1296 |
| 401 | | 3624 | 0.57 | 260 | 6800 87-1 | | 1298 |
| 402 | | 3626 | 1.12 | 260 | 6800 87-1 | | 1300 |
| 403 | | 3628 | 0.81 | 260 | 6800 87-1 | | 1302 |
| 404 | | 3630 | 8.54 | 260 | 6800 87-1 | | 1304 |
| 405 | | 3632 | 2.52 | 260 | 6800 87-1 | | 1306 |
| 406 | | 3634 | 7.33 | 260 | 6800 87-1 | | 1308 |
| 407 | | 3636 | 2.26 | 220 | 6800 87-1 | | 1310 |

02-May-91 03:24 PM SCROLL

F408: 3638 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 408 | | 3638 | 1.08 | 220 | 6800 87-1 | | 1312 |
| 409 | | 3640 | 1.7 | 220 | 6800 87-1 | | 1314 |
| 410 | | 3642 | 0.46 | 321 | 6800 87-1 | | 1316 |
| 411 | | 3644 | 0.82 | 220 | 6800 87-1 | | 1318 |
| 412 | | 3646 | 0.77 | 311 | 6800 87-1 | | 1320 |
| 413 | | 3648 | 0.49 | 311 | 6800 87-1 | | 1322 |
| 414 | | 3650 | 0.11 | 311 | 6800 87-1 | | 1324 |
| 415 | | 3652 | 1.3 | 311 | 6800 87-1 | | 1326 |
| 416 | | 3654 | 0.96 | 311 | 6800 87-1 | | 1328 |
| 417 | | 3656 | 5.58 | 311 | 6800 87-1 | | 1330 |
| 418 | | 3658 | 2.16 | 311 | 6800 87-1 | | 1332 |
| 419 | | 3660 | 6.44 | 222 | 6800 87-1 | | 1334 |
| 420 | | 3662 | 3.55 | 222 | 6800 87-1 | | 1336 |
| 421 | | 3664 | 3.67 | 222 | 6800 87-1 | | 1338 |
| 422 | | 3666 | 0.67 | 222 | 6800 87-1 | | 1340 |
| 423 | | 3668 | 3.39 | 222 | 6800 87-1 | | 1342 |
| 424 | | 3670 | 2.94 | 261 | 6800 87-1 | | 1344 |

02-May-91 03:24 PM SCROLL

F425: 3672 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 425 | | 3672 | 2.27 | 261 | 6800 87-1 | | 1346 |
| 426 | | 3674 | 9.47 | 261 | 6800 87-1 | | 1348 |
| 427 | | 3676 | 7.21 | 261 | 6800 87-1 | | 1350 |
| 428 | | 3678 | 4.28 | 261 | 6800 87-1 | | 1352 |
| 429 | | 3680 | 3.43 | 261 | 6800 87-1 | | 1354 |
| 430 | | 3682 | 1.31 | 261 | 6800 87-1 | | 1356 |
| 431 | | 3684 | 4.35 | 261 | 6800 87-1 | | 1358 |
| 432 | | 3686 | 0.69 | 261 | 6800 87-1 | | 1360 |
| 433 | | 3688 | 2.8 | 261 | 6800 87-1 | | 1362 |
| 434 | | 3690 | 2.13 | 261 | 6800 87-1 | | 1364 |
| 435 | | 3692 | 10.8 | 261 | 6800 87-1 | | 1366 |
| 436 | | 3694 | 1.7 | 261 | 6800 87-1 | | 1368 |
| 437 | | 3696 | 158 | 261 | 6800 87-1 | | 1370 |
| 438 | | 3698 | 2.91 | 261 | 6800 87-1 | | 1372 |
| 439 | | 3700 | 1.15 | 261 | 6800 87-1 | | 1374 |
| 440 | | 3702 | 0.82 | 261 | 6800 87-1 | | 1376 |
| 441 | | 3704 | 54.3 | 261 | 6800 87-1 | | 1378 |

02-May-91 03:25 PM SCROLL

F442: 3706 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 442 | | 3706 | 1.33 | 261 | 6800 87-1 | | 1380 |
| 443 | | 3708 | 0.83 | 261 | 6800 87-1 | | 1382 |
| 444 | | 3710 | 1.16 | 261 | 6800 87-1 | | 1384 |
| 445 | | 3712 | 24.1 | 265 | 6800 87-1 | | 1386 |
| 446 | | 3714 | 5.33 | 261 | 6800 87-1 | | 1388 |
| 447 | | 3716 | 0.78 | 261 | 6800 87-1 | | 1390 |
| 448 | | 3718 | 14.2 | 265 | 6800 87-1 | | 1392 |
| 449 | | 3720 | 7.55 | 265 | 6800 87-1 | | 1394 |
| 450 | | 3722 | 11.8 | 265 | 6800 87-1 | | 1396 |
| 451 | | 3724 | 2.75 | 261 | 6800 87-1 | | 1398 |
| 452 | | 3726 | 5.17 | 261 | 6800 87-1 | | 1400 |
| 453 | | 3728 | 2.08 | 261 | 6800 87-1 | | 1402 |
| 454 | | 3730 | 0.9 | 261 | 6800 87-1 | | 1404 |
| 455 | | 3732 | 2.17 | 261 | 6800 87-1 | | 1406 |
| 456 | | 3734 | 24.5 | 261 | 6800 87-1 | | 1408 |
| 457 | | 3736 | 11.9 | 261 | 6800 87-1 | | 1410 |
| 458 | | 3738 | 1.13 | 261 | 6800 87-1 | | 1412 |

02-May-91 03:26 PM SCROLL

F459: 3740 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | \| | \| FTG | SUSCEPT. | LITHOGLOGY | HOLE # \| | | FTG |
| 3 | | | | | | | |
| 459 | | 3740 | 5.47 | 261 | 6800 87-1 | | 1414 |
| 460 | | 3742 | 2.46 | 261 | 6800 87-1 | | 1416 |
| 461 | | 3744 | 0.79 | 261 | 6800 87-1 | | 1418 |
| 462 | | 3746 | 1.77 | 261 | 6800 87-1 | | 1420 |
| 463 | | 3748 | 1.01 | 261 | 6800 87-1 | | 1422 |
| 464 | | 3750 | 233 | 265 | 6800 87-1 | | 1424 |
| 465 | | 3752 | 181 | 265 | 6800 87-1 | | 1426 |
| 466 | | 3754 | 109 | 265 | 6800 87-1 | | 1428 |
| 467 | | 3756 | 1.34 | 261 | 6800 87-1 | | 1430 |
| 468 | | 3758 | 12.7 | 261 | 6800 87-1 | | 1432 |
| 469 | | 3760 | 8.36 | 261 | 6800 87-1 | | 1434 |
| 470 | | 3762 | 2.44 | 261 | 6800 87-1 | | 1436 |
| 471 | | 3764 | 0.67 | 261 | 6800 87-1 | | 1438 |
| 472 | | 3766 | 0.41 | 261 | 6800 87-1 | | 1440 |
| 473 | | 3768 | 1.41 | 261 | 6800 87-1 | | 1442 |
| 474 | | 3770 | 1.43 | 261 | 6800 87-1 | | 1444 |
| 475 | | 3772 | 7.19 | 261 | 6800 87-1 | | 1446 |

02-May-91 03:26 PM SCROLL

F476: 3774 READY

| | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOGLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 476 | | 3774 | 0.63 | 261 | 6800 87-1 | | 1448 |
| 477 | | 3776 | 13.3 | 265 | 6800 87-1 | | 1450 |
| 478 | | 3778 | 48.9 | 265 | 6800 87-1 | | 1452 |
| 479 | | 3780 | 34.8 | 265 | 6800 87-1 | | 1454 |
| 480 | | 3782 | 27.2 | 265 | 6800 87-1 | | 1456 |
| 481 | | 3784 | 85.2 | 265 | 6800 87-1 | | 1458 |
| 482 | | 3786 | 85.1 | 265 | 6800 87-1 | | 1460 |
| 483 | | 3788 | | 265 | 6800 87-1 | | 1462 |
| 484 | | 3790 | | 265 | 6800 87-1 | | 1464 |
| 485 | | 3792 | | 265 | 6800 87-1 | | 1466 |
| 486 | | 3794 | | 265 | 6800 87-1 | | 1468 |
| 487 | | 3796 | | 265 | 6800 87-1 | | 1470 |
| 488 | | 3798 | | 265 | 6800 87-1 | | 1472 |
| 489 | | 3800 | | 265 | 6800 87-1 | | 1474 |
| 490 | | | | | | | 1476 |
| 491 | | | | | | | 1478 |
| 492 | | | | | | | 1480 |

02-May-91 03:27 PM SCROLL

J4: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 4 | | 504 | 4.53 | 113 | 6800 88-2 | | 1498 |
| 5 | | 506 | 13.9 | 113 | 6800 88-2 | | 1500 |
| 6 | | 508 | 5.07 | 113 | 6800 88-2 | | 1502 |
| 7 | | 510 | 2.01 | 113 | 6800 88-2 | | 1504 |
| 8 | | 512 | 3.19 | 121 | 6800 88-2 | | 1506 |
| 9 | | 514 | 0 | 121 | 6800 88-2 | | 1508 |
| 10 | | 516 | 0 | 121 | 6800 88-2 | | 1510 |
| 11 | | 518 | 0 | 121 | 6800 88-2 | | 1512 |
| 12 | | 520 | 0 | 121 | 6800 88-2 | | 1514 |
| 13 | | 522 | 0 | 121 | 6800 88-2 | | 1516 |
| 14 | | 524 | 0 | 121 | 6800 88-2 | | 1518 |
| 15 | | 526 | 0 | 121 | 6800 88-2 | | 1520 |
| 16 | | 528 | 0 | 121 | 6800 88-2 | | 1522 |
| 17 | | 530 | 0 | 121 | 6800 88-2 | | 1524 |
| 18 | | 532 | 0.17 | 121 | 6800 88-2 | | 1526 |
| 19 | | 534 | 0.1 | 121 | 6800 88-2 | | 1528 |
| 20 | | 536 | 0 | 121 | 6800 88-2 | | 1530 |

02-May-91 03:28 PM SCROLL

J21: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 21 | | 538 | 0 | 121 | 6800 88-2 | | 1532 |
| 22 | | 540 | 0 | 121 | 6800 88-2 | | 1534 |
| 23 | | 542 | 0 | 121 | 6800 88-2 | | 1536 |
| 24 | | 544 | 0 | 121 | 6800 88-2 | | 1538 |
| 25 | | 546 | 0 | 121 | 6800 88-2 | | 1540 |
| 26 | | 548 | 0 | 121 | 6800 88-2 | | 1542 |
| 27 | | 550 | 0 | 121 | 6800 88-2 | | 1544 |
| 28 | | 552 | 0 | 121 | 6800 88-2 | | 1546 |
| 29 | | 554 | 0 | 121 | 6800 88-2 | | 1548 |
| 30 | | 556 | 0 | 121 | 6800 88-2 | | 1550 |
| 31 | | 558 | 0 | 121 | 6800 88-2 | | 1552 |
| 32 | | 560 | 0 | 121 | 6800 88-2 | | 1554 |
| 33 | | 562 | 0 | 121 | 6800 88-2 | | 1556 |
| 34 | | 564 | 0 | 121 | 6800 88-2 | | 1558 |
| 35 | | 566 | 0 | 121 | 6800 88-2 | | 1560 |
| 36 | | 568 | 0.12 | 121 | 6800 88-2 | | 1562 |
| 37 | | 570 | 0.2 | 121 | 6800 88-2 | | 1564 |

02-May-91 03:28 PM SCROLL

J38: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 38 | | 572 | 0 | 121 | 6800 88-2 | | 1566 |
| 39 | | 574 | 0 | 121 | 6800 88-2 | | 1568 |
| 40 | | 576 | 0 | 121 | 6800 88-2 | | 1570 |
| 41 | | 578 | 0 | 120 | 6800 88-2 | | 1572 |
| 42 | | 580 | 0.28 | 120 | 6800 88-2 | | 1574 |
| 43 | | 582 | 0.21 | 120 | 6800 88-2 | | 1576 |
| 44 | | 584 | 0 | 120 | 6800 88-2 | | 1578 |
| 45 | | 586 | 0.15 | 120 | 6800 88-2 | | 1580 |
| 46 | | 588 | 0 | 120 | 6800 88-2 | | 1582 |
| 47 | | 590 | 0.05 | 120 | 6800 88-2 | | 1584 |
| 48 | | 592 | 0 | 120 | 6800 88-2 | | 1586 |
| 49 | | 594 | 0 | 120 | 6800 88-2 | | 1588 |
| 50 | | 596 | 0 | 120 | 6800 88-2 | | 1590 |
| 51 | | 598 | 0.14 | 120 | 6800 88-2 | | 1592 |
| 52 | | 600 | 0.29 | 120 | 6800 88-2 | | 1594 |
| 53 | | 602 | 0.05 | 120 | 6800 88-2 | | 1596 |
| 54 | | 604 | 0.17 | 120 | 6800 88-2 | | 1598 |

02-May-91 03:29 PM SCROLL

J55: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 55 | | 606 | 0.16 | 120 | 6800 88-2 | | 1600 |
| 56 | | 608 | 0.18 | 120 | 6800 88-2 | | 1602 |
| 57 | | 610 | 0 | 120 | 6800 88-2 | | 1604 |
| 58 | | 612 | 0 | 120 | 6800 88-2 | | 1606 |
| 59 | | 614 | 0 | 120 | 6800 88-2 | | 1608 |
| 60 | | 616 | 0 | 120 | 6800 88-2 | | 1610 |
| 61 | | 618 | 0 | 120 | 6800 88-2 | | 1612 |
| 62 | | 620 | 0 | 120 | 6800 88-2 | | 1614 |
| 63 | | 622 | 0 | 120 | 6800 88-2 | | 1616 |
| 64 | | 624 | 0 | 120 | 6800 88-2 | | 1618 |
| 65 | | 626 | 0 | 120 | 6800 88-2 | | 1620 |
| 66 | | 628 | 0 | 120 | 6800 88-2 | | 1624 |
| 67 | | 630 | 0.43 | 120 | 6800 88-2 | | 1626 |
| 68 | | 632 | 0.16 | 122 | 6800 88-2 | | 1628 |
| 69 | | 634 | 0 | 122 | 6800 88-2 | | 1630 |
| 70 | | 636 | 0.45 | 122 | 6800 88-2 | | 1632 |
| 71 | | 638 | 0.37 | 122 | 6800 88-2 | | 1634 |

02-May-91 03:29 PM SCROLL

J72: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 72 | | 640 | 0 | 122 | 6800 88-2 | | 1636 |
| 73 | | 642 | 0 | 122 | 6800 88-2 | | 1638 |
| 74 | | 644 | 0.07 | 122 | 6800 88-2 | | 1640 |
| 75 | | 646 | 0 | 122 | 6800 88-2 | | 1642 |
| 76 | | 648 | 0 | 122 | 6800 88-2 | | 1644 |
| 77 | | 650 | 0 | 122 | 6800 88-2 | | 1646 |
| 78 | | 652 | 0 | 122 | 6800 88-2 | | 1648 |
| 79 | | 654 | 0 | 122 | 6800 88-2 | | 1650 |
| 80 | | 656 | 0 | 122 | 6800 88-2 | | 1652 |
| 81 | | 658 | 1.18 | 122 | 6800 88-2 | | 1654 |
| 82 | | 660 | 0 | 122 | 6800 88-2 | | 1656 |
| 83 | | 662 | 0 | 122 | 6800 88-2 | | 1658 |
| 84 | | 664 | 0 | 122 | 6800 88-2 | | 1660 |
| 85 | | 666 | 6.33 | 122 | 6800 88-2 | | 1662 |
| 86 | | 668 | 5.68 | 124 | 6800 88-2 | | 1664 |
| 87 | | 670 | 7.79 | 124 | 6800 88-2 | | 1666 |
| 88 | | 672 | 4.61 | 114 | 6800 88-2 | | 1668 |

02-May-91 03:29 PM SCROLL

J89: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 89 | | 674 | 1.93 | 114 | 6800 88-2 | | 1670 |
| 90 | | 676 | 17.7 | 182 | 6800 88-2 | | 1672 |
| 91 | | 678 | 36.8 | 182 | 6800 88-2 | | 1674 |
| 92 | | 680 | 0 | 182 | 6800 88-2 | | 1676 |
| 93 | | 682 | 0.03 | 182 | 6800 88-2 | | 1678 |
| 94 | | 684 | 0.03 | 182 | 6800 88-2 | | 1680 |
| 95 | | 686 | 0 | 182 | 6800 88-2 | | 1682 |
| 96 | | 688 | 0.27 | 182 | 6800 88-2 | | 1684 |
| 97 | | 690 | 0 | 182 | 6800 88-2 | | 1686 |
| 98 | | 692 | 12.93 | 182 | 6800 88-2 | | 1688 |
| 99 | | 694 | 0 | 182 | 6800 88-2 | | 1690 |
| 100 | | 696 | 0 | 182 | 6800 88-2 | | 1692 |
| 101 | | 698 | 13.2 | 114 | 6800 88-2 | | 1694 |
| 102 | | 700 | 3.96 | 114 | 6800 88-2 | | 1696 |
| 103 | | 702 | 8.48 | 132 | 6800 88-2 | | 1698 |
| 104 | | 704 | 3.95 | 132 | 6800 88-2 | | 1700 |
| 105 | | 706 | 1.57 | 132 | 6800 88-2 | | 1702 |

02-May-91 03:30 PM SCROLL

J106: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 106 | | 708 | 1.43 | 132 | 6800 88-2 | | 1704 |
| 107 | | 710 | 1.91 | 132 | 6800 88-2 | | 1706 |
| 108 | | 712 | 2.83 | 132 | 6800 88-2 | | 1708 |
| 109 | | 714 | 7.9 | 132 | 6800 88-2 | | 1710 |
| 110 | | 716 | 7.04 | 132 | 6800 88-2 | | 1712 |
| 111 | | 718 | 6.15 | 132 | 6800 88-2 | | 1714 |
| 112 | | 720 | 6.01 | 132 | 6800 88-2 | | 1716 |
| 113 | | 722 | 7.26 | 132 | 6800 88-2 | | 1718 |
| 114 | | 724 | 5.28 | 132 | 6800 88-2 | | 1720 |
| 115 | | 726 | 4.77 | 132 | 6800 88-2 | | 1722 |
| 116 | | 728 | 0.14 | 132 | 6800 88-2 | | 1724 |
| 117 | | 730 | 0.67 | 132 | 6800 88-2 | | 1726 |
| 118 | | 732 | 0.77 | 132 | 6800 88-2 | | 1728 |
| 119 | | 734 | 0.33 | 132 | 6800 88-2 | | 1730 |
| 120 | | 736 | 2.11 | 132 | 6800 88-2 | | 1732 |
| 121 | | 738 | 0 | 120 | 6800 88-2 | | 1734 |
| 122 | | 740 | 1.08 | 120 | 6800 88-2 | | 1736 |

02-May-91 03:31 PM SCROLL

J140: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 140 | | 776 | 0.71 | 322 | 6800 88-2 | | 1772 |
| 141 | | 778 | 0.91 | 322 | 6800 88-2 | | 1774 |
| 142 | | 780 | 1.44 | 322 | 6800 88-2 | | 1776 |
| 143 | | 782 | 3.78 | 322 | 6800 88-2 | | 1778 |
| 144 | | 784 | 1.59 | 322 | 6800 88-2 | | 1780 |
| 145 | | 786 | 1.33 | 322 | 6800 88-2 | | 1782 |
| 146 | | 788 | 1.64 | 322 | 6800 88-2 | | 1784 |
| 147 | | 790 | 0.32 | 322 | 6800 88-2 | | 1786 |
| 148 | | 792 | 1.09 | 322 | 6800 88-2 | | 1788 |
| 149 | | 794 | 0.22 | 322 | 6800 88-2 | | 1790 |
| 150 | | 796 | 0.25 | 322 | 6800 88-2 | | 1792 |
| 151 | | 798 | 0.5 | 320 | 6800 88-2 | | 1794 |
| 152 | | 800 | 0.09 | 320 | 6800 88-2 | | 1796 |
| 153 | | 802 | 0.19 | 320 | 6800 88-2 | | 1798 |
| 154 | | 804 | 0.2 | 320 | 6800 88-2 | | 1800 |
| 155 | | 806 | 0.01 | 320 | 6800 88-2 | | 1802 |
| 156 | | 808 | 0 | 320 | 6800 88-2 | | 1804 |

02-May-91 03:33 PM SCROLL

J157: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 157 | | 810 | 0 | 320 | 6800 88-2 | | 1806 |
| 158 | | 812 | 0 | 320 | 6800 88-2 | | 1808 |
| 159 | | 814 | 0.1 | 320 | 6800 88-2 | | 1810 |
| 160 | | 816 | 0 | 320 | 6800 88-2 | | 1812 |
| 161 | | 818 | 0.23 | 321 | 6800 88-2 | | 1814 |
| 162 | | 820 | 0.46 | 321 | 6800 88-2 | | 1816 |
| 163 | | 822 | 0 | 321 | 6800 88-2 | | 1818 |
| 164 | | 824 | 0.18 | 321 | 6800 88-2 | | 1820 |
| 165 | | 826 | 0.21 | 321 | 6800 88-2 | | 1822 |
| 166 | | 828 | 3.12 | 321 | 6800 88-2 | | 1824 |
| 167 | | 830 | 0.18 | 321 | 6800 88-2 | | 1826 |
| 168 | | 832 | 2.05 | 321 | 6800 88-2 | | 1828 |
| 169 | | 834 | 0.39 | 321 | 6800 88-2 | | 1830 |
| 170 | | 836 | 1.07 | 321 | 6800 88-2 | | 1832 |
| 171 | | 838 | 2.53 | 320 | 6800 88-2 | | 1834 |
| 172 | | 840 | 1.26 | 320 | 6800 88-2 | | 1836 |
| 173 | | 842 | 0.42 | 320 | 6800 88-2 | | 1838 |

02-May-91 03:33 PM SCROLL

J174: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 174 | | 844 | 0 | 320 | 6800 88-2 | | 1840 |
| 175 | | 846 | 1.26 | 320 | 6800 88-2 | | 1842 |
| 176 | | 848 | 0.04 | 320 | 6800 88-2 | | 1844 |
| 177 | | 850 | 0.36 | 320 | 6800 88-2 | | 1846 |
| 178 | | 852 | 1.68 | 242 | 6800 88-2 | | 1848 |
| 179 | | 854 | 0.95 | 242 | 6800 88-2 | | 1850 |
| 180 | | 856 | 1.24 | 242 | 6800 88-2 | | 1852 |
| 181 | | 858 | 1.11 | 320 | 6800 88-2 | | 1854 |
| 182 | | 860 | 0.58 | 320 | 6800 88-2 | | 1856 |
| 183 | | 862 | 1 | 320 | 6800 88-2 | | 1858 |
| 184 | | 864 | 1.11 | 320 | 6800 88-2 | | 1860 |
| 185 | | 866 | 2.08 | 320 | 6800 88-2 | | 1862 |
| 186 | | 868 | 0.91 | 320 | 6800 88-2 | | 1864 |
| 187 | | 870 | 0.8 | 320 | 6800 88-2 | | 1866 |
| 188 | | 872 | 1.22 | 250 | 6800 88-2 | | 1868 |
| 189 | | 874 | 0.88 | 250 | 6800 88-2 | | 1870 |
| 190 | | 876 | 0.81 | 250 | 6800 88-2 | | 1872 |

02-May-91 03:33 PM SCROLL

J191: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 191 | | 878 | 1.05 | 250 | 6800 88-2 | | 1874 |
| 192 | | 880 | 1.3 | 250 | 6800 88-2 | | 1876 |
| 193 | | 882 | 1.14 | 250 | 6800 88-2 | | 1878 |
| 194 | | 884 | 0.64 | 250 | 6800 88-2 | | 1880 |
| 195 | | 886 | 1.17 | 250 | 6800 88-2 | | 1882 |
| 196 | | 888 | 1.59 | 250 | 6800 88-2 | | 1884 |
| 197 | | 890 | 1.19 | 250 | 6800 88-2 | | 1886 |
| 198 | | 892 | 1.47 | 250 | 6800 88-2 | | 1888 |
| 199 | | 894 | 0.68 | 250 | 6800 88-2 | | 1890 |
| 200 | | 896 | 0.22 | 321 | 6800 88-2 | | 1892 |
| 201 | | 898 | 0.51 | 321 | 6800 88-2 | | 1894 |
| 202 | | 900 | 1.03 | 321 | 6800 88-2 | | 1896 |
| 203 | | 902 | 2.45 | 321 | 6800 88-2 | | 1898 |
| 204 | | 904 | 2.11 | 321 | 6800 88-2 | | 1900 |
| 205 | | 906 | 0.28 | 321 | 6800 88-2 | | 1902 |
| 206 | | 908 | 0.14 | 321 | 6800 88-2 | | 1904 |
| 207 | | 910 | 0.42 | 321 | 6800 88-2 | | 1906 |

02-May-91 03:34 PM SCROLL

J208: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 208 | | 912 | 0.29 | 321 | 6800 88-2 | | 1908 |
| 209 | | 914 | 0.32 | 321 | 6800 88-2 | | 1910 |
| 210 | | 916 | 0.3 | 321 | 6800 88-2 | | 1912 |
| 211 | | 918 | 0.44 | 321 | 6800 88-2 | | 1914 |
| 212 | | 920 | 0.36 | 321 | 6800 88-2 | | 1916 |
| 213 | | 922 | 0.32 | 321 | 6800 88-2 | | 1918 |
| 214 | | 924 | 0.38 | 321 | 6800 88-2 | | 1920 |
| 215 | | 926 | 1.51 | 321 | 6800 88-2 | | 1922 |
| 216 | | 928 | 0.34 | 321 | 6800 88-2 | | 1924 |
| 217 | | 930 | 0.25 | 321 | 6800 88-2 | | 1926 |
| 218 | | 932 | 0.32 | 321 | 6800 88-2 | | 1928 |
| 219 | | 934 | 0.17 | 321 | 6800 88-2 | | 1930 |
| 220 | | 936 | 0.33 | 321 | 6800 88-2 | | 1932 |
| 221 | | 938 | 0.34 | 321 | 6800 88-2 | | 1934 |
| 222 | | 940 | 3.88 | 321 | 6800 88-2 | | 1936 |
| 223 | | 942 | 2.22 | 321 | 6800 88-2 | | 1938 |
| 224 | | 944 | 2.4 | 321 | 6800 88-2 | | 1940 |

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J225: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 225 | | 946 | 2.15 | 320 | 6800 88-2 | | 1942 |
| 226 | | 948 | 1.69 | 320 | 6800 88-2 | | 1944 |
| 227 | | 950 | 0.47 | 320 | 6800 88-2 | | 1946 |
| 228 | | 952 | 0.34 | 320 | 6800 88-2 | | 1948 |
| 229 | | 954 | 0.41 | 320 | 6800 88-2 | | 1950 |
| 230 | | 956 | 0.53 | 320 | 6800 88-2 | | 1952 |
| 231 | | 958 | 0.35 | 320 | 6800 88-2 | | 1954 |
| 232 | | 960 | 2.41 | 320 | 6800 88-2 | | 1956 |
| 233 | | 962 | 1.95 | 320 | 6800 88-2 | | 1958 |
| 234 | | 964 | 1.14 | 320 | 6800 88-2 | | 1960 |
| 235 | | 966 | 1.04 | 320 | 6800 88-2 | | 1962 |
| 236 | | 968 | | 320 | 6800 88-2 | | 1964 |
| 237 | | 970 | | 320 | 6800 88-2 | | 1966 |
| 238 | | 972 | | 260 | 6800 88-2 | | 1968 |
| 239 | | 974 | | 260 | 6800 88-2 | | 1970 |
| 240 | | 976 | | 260 | 6800 88-2 | | 1972 |
| 241 | | 978 | 1.92 | 260 | 6800 88-2 | | 1974 |

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J242: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 242 | | 980 | 3.27 | 260 | 6800 88-2 | | 1976 |
| 243 | | 982 | 1.46 | 260 | 6800 88-2 | | 1978 |
| 244 | | 984 | 0.89 | 260 | 6800 88-2 | | 1980 |
| 245 | | 986 | 1.01 | 260 | 6800 88-2 | | 1982 |
| 246 | | 988 | 1.4 | 260 | 6800 88-2 | | 1984 |
| 247 | | 990 | 1.35 | 260 | 6800 88-2 | | 1986 |
| 248 | | 992 | 0.86 | 260 | 6800 88-2 | | 1988 |
| 249 | | 994 | 1.33 | 260 | 6800 88-2 | | 1990 |
| 250 | | 996 | 1.49 | 260 | 6800 88-2 | | 1992 |
| 251 | | 998 | 1.84 | 260 | 6800 88-2 | | 1994 |
| 252 | | 1000 | 1.05 | 260 | 6800 88-2 | | 1996 |
| 253 | | 1002 | 0.23 | 260 | 6800 88-2 | | 1998 |
| 254 | | 1004 | 0.46 | 320 | 6800 88-2 | | 2000 |
| 255 | | 1006 | 1.46 | 320 | 6800 88-2 | | 2002 |
| 256 | | 1008 | 0.65 | 320 | 6800 88-2 | | 2004 |
| 257 | | 1010 | 0.52 | 320 | 6800 88-2 | | 2006 |
| 258 | | 1012 | 0.84 | 32 | 6800 88-2 | | 2008 |

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J259: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 259 | | 1014 | 1.97 | 320 | 6800 88-2 | | 2010 |
| 260 | | 1016 | 1.24 | 320 | 6800 88-2 | | 2012 |
| 261 | | 1018 | 4.22 | 320 | 6800 88-2 | | 2014 |
| 262 | | 1020 | 0.87 | 320 | 6800 88-2 | | 2016 |
| 263 | | 1022 | 0.48 | 320 | 6800 88-2 | | 2018 |
| 264 | | 1024 | 1.49 | 220 | 6800 88-2 | | 2020 |
| 265 | | 1026 | 1.38 | 220 | 6800 88-2 | | 2022 |
| 266 | | 1028 | 1.17 | 220 | 6800 88-2 | | 2024 |
| 267 | | 1030 | 0.95 | 220 | 6800 88-2 | | 2026 |
| 268 | | 1032 | 1.16 | 220 | 6800 88-2 | | 2028 |
| 269 | | 1034 | 0.91 | 220 | 6800 88-2 | | 2030 |
| 270 | | 1036 | 17.1 | 260 | 6800 88-2 | | 2032 |
| 271 | | 1038 | 1.6 | 260 | 6800 88-2 | | 2034 |
| 272 | | 1040 | 7.8 | 260 | 6800 88-2 | | 2036 |
| 273 | | 1042 | 1.5 | 260 | 6800 88-2 | | 2038 |
| 274 | | 1044 | 1.09 | 260 | 6800 88-2 | | 2040 |
| 275 | | 1046 | 8.26 | 260 | 6800 88-2 | | 2042 |

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J276: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 276 | | 1048 | 3.05 | 260 | 6800 88-2 | | 2044 |
| 277 | | 1050 | 27.7 | 260 | 6800 88-2 | | 2046 |
| 278 | | 1052 | 3.71 | 260 | 6800 88-2 | | 2048 |
| 279 | | 1054 | 1.29 | 260 | 6800 88-2 | | 2050 |
| 280 | | 1056 | 0.89 | 260 | 6800 88-2 | | 2052 |
| 281 | | 1058 | 0.92 | 260 | 6800 88-2 | | 2054 |
| 282 | | 1060 | 0.6 | 260 | 6800 88-2 | | 2056 |
| 283 | | 1062 | 2.17 | 260 | 6800 88-2 | | 2058 |
| 284 | | 1064 | 1.03 | 250 | 6800 88-2 | | 2060 |
| 285 | | 1066 | 1.16 | 250 | 6800 88-2 | | 2062 |
| 286 | | 1068 | 1.08 | 250 | 6800 88-2 | | 2064 |
| 287 | | 1070 | 0.85 | 250 | 6800 88-2 | | 2066 |
| 288 | | 1072 | 24.2 | 250 | 6800 88-2 | | 2068 |
| 289 | | 1074 | 1.57 | 250 | 6800 88-2 | | 2070 |
| 290 | | 1076 | 3.97 | 221 | 6800 88-2 | | 2072 |
| 291 | | 1078 | 5.69 | 221 | 6800 88-2 | | 2074 |
| 292 | | 1080 | 6.91 | 320 | 6800 88-2 | | 2076 |

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J293: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 293 | | 1082 | 4.14 | 320 | 6800 88-2 | | 2078 |
| 294 | | 1084 | 0.2 | 320 | 6800 88-2 | | 2080 |
| 295 | | 1086 | 9.41 | 320 | 6800 88-2 | | 2082 |
| 296 | | 1088 | 1.92 | 320 | 6800 88-2 | | 2084 |
| 297 | | 1090 | 1.65 | 320 | 6800 88-2 | | 2086 |
| 298 | | 1092 | 0.66 | 320 | 6800 88-2 | | 2088 |
| 299 | | 1094 | 4.23 | 320 | 6800 88-2 | | 2090 |
| 300 | | 1096 | 3.84 | 320 | 6800 88-2 | | 2092 |
| 301 | | 1098 | 0 001 | | 6800 88-2 | | 2094 |
| 302 | | 1100 | 0.04 001 | | 6800 88-2 | | 2096 |
| 303 | | 1102 | 0 001 | | 6800 88-2 | | 2098 |
| 304 | | 1104 | 0 001 | | 6800 88-2 | | 2100 |
| 305 | | 1106 | 0.05 001 | | 6800 88-2 | | 2102 |
| 306 | | 1108 | 0.49 | 320 | 6800 88-2 | | 2104 |
| 307 | | 1110 | 1.52 | 320 | 6800 88-2 | | 2106 |
| 308 | | 1112 | 1.88 | 320 | 6800 88-2 | | 2108 |
| 309 | | 1114 | 0.01 001 | | 6800 88-2 | | 2110 |

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J310: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 310 | | 1116 | 0 | 001 | 6800 88-2 | | 2112 |
| 311 | | 1118 | 0 | 001 | 6800 88-2 | | 2114 |
| 312 | | 1120 | 0 | 320 | 6800 88-2 | | 2116 |
| 313 | | 1122 | 0.19 | 320 | 6800 88-2 | | 2118 |
| 314 | | 1124 | 0.98 | 320 | 6800 88-2 | | 2120 |
| 315 | | 1126 | 2.4 | 320 | 6800 88-2 | | 2122 |
| 316 | | 1128 | 6.91 | 320 | 6800 88-2 | | 2124 |
| 317 | | 1130 | 2.61 | 333 | 6800 88-2 | | 2126 |
| 318 | | 1132 | 4.39 | 342 | 6800 88-2 | | 2128 |
| 319 | | 1134 | 1.27 | 342 | 6800 88-2 | | 2130 |
| 320 | | 1136 | 3.82 | 342 | 6800 88-2 | | 2132 |
| 321 | | 1138 | 3.18 | 342 | 6800 88-2 | | 2134 |
| 322 | | 1140 | 2.15 | 342 | 6800 88-2 | | 2136 |
| 323 | | 1142 | 0.08 | 342 | 6800 88-2 | | 2138 |
| 324 | | 1144 | 0.05 | 342 | 6800 88-2 | | 2140 |
| 325 | | 1146 | 0.13 | 342 | 6800 88-2 | | 2142 |
| 326 | | 1148 | 0.08 | 342 | 6800 88-2 | | 2144 |

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J327: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 327 | | 1150 | 0.25 | 342 | 6800 88-2 | | 2146 |
| 328 | | 1152 | 0.39 | 121 | 6800 88-2 | | 2148 |
| 329 | | 1154 | 0.21 | 121 | 6800 88-2 | | 2150 |
| 330 | | 1156 | 0.63 | 320 | 6800 88-2 | | 2152 |
| 331 | | 1158 | 0.56 | 320 | 6800 88-2 | | 2154 |
| 332 | | 1160 | 1.62 | 320 | 6800 88-2 | | 2156 |
| 333 | | 1162 | 1.4 | 320 | 6800 88-2 | | 2158 |
| 334 | | 1164 | 0.6 | 320 | 6800 88-2 | | 2160 |
| 335 | | 1166 | 3.74 | 320 | 6800 88-2 | | 2162 |
| 336 | | 1168 | 1.79 | 320 | 6800 88-2 | | 2164 |
| 337 | | 1170 | 0.61 | 120 | 6800 88-2 | | 2166 |
| 338 | | 1172 | 0.62 | 120 | 6800 88-2 | | 2168 |
| 339 | | 1174 | 2.08 | 120 | 6800 88-2 | | 2170 |
| 340 | | 1176 | 0.19 | 120 | 6800 88-2 | | 2172 |
| 341 | | 1178 | 3.95 | 120 | 6800 88-2 | | 2174 |
| 342 | | 1180 | 0.82 | 120 | 6800 88-2 | | 2176 |
| 343 | | 1182 | 0.31 | 120 | 6800 88-2 | | 2178 |

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J344: READY

| | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
| 1 | | | | | | | |
| 2 | | FTG | SUSCEPT. | LITHOLOGY | HOLE # | | FTG |
| 3 | | | | | | | |
| 344 | | 1184 | 0.1 | 120 | 6800 88-2 | | 2180 |
| 345 | | 1186 | 0.23 | 120 | 6800 88-2 | | 2182 |
| 346 | | 1188 | 0.34 | 120 | 6800 88-2 | | 2184 |
| 347 | | 1190 | 0.18 | 120 | 6800 88-2 | | 2186 |
| 348 | | 1192 | 0.27 | 120 | 6800 88-2 | | 2188 |
| 349 | | 1194 | 0.31 | 120 | 6800 88-2 | | 2190 |
| 350 | | 1196 | 0.61 | 120 | 6800 88-2 | | 2192 |
| 351 | | 1198 | 0.46 | 120 | 6800 88-2 | | 2194 |
| 352 | | 1200 | 0 | 120 | 6800 88-2 | | 2196 |
| 353 | | 1202 | 0.22 | 120 | 6800 88-2 | | 2198 |
| 354 | | 1204 | 0.45 | 120 | 6800 88-2 | | 2200 |
| 355 | | 1206 | 1.45 | 120 | 6800 88-2 | | 2202 |
| 356 | | 1208 | 2.26 | 120 | 6800 88-2 | | 2204 |
| 357 | | 1210 | 1.08 | 120 | 6800 88-2 | | 2206 |
| 358 | | 1212 | 0.84 | 120 | 6800 88-2 | | 2208 |
| 359 | | 1214 | 0.25 | 120 | 6800 88-2 | | 2210 |
| 360 | | 1216 | 4.33 | 120 | 6800 88-2 | | 2212 |

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