

## DIAMOND DEEP REPORT

Hole No. 1019 Location Oriental - 250' east of 481 CO-ORDINATES: N 1250 E 13250  
 Elevation Collar 3760.16 Direction of hole down Dip of hole vert

Date Started June 19/52 Date finished Sept 8/52 Large core from 0-302 to 302-306

Small core from 306-308 to 308-310

Date

## Core Recovery

Depth  
From to

% Rec

General

Economic

0-120 Overburden

120-389-424 Dark gray, greenish gray, and white  
 buff. Generally fine grained. A few fragments  
 of the usual grayish brownish silty grain  
 lumps are present - don't look like introduced material  
 look like amygdala in part only - some look like fragments  
 - not consolidated but in some cases calcite in matrix  
 6" chilled diabase 172-172.5

232-270 Occasional streaks finely disseminated pyrite  
 Shaded 245-267 - Some relic cores replacement of 270  
 3" bands.

Lumps & grain, fairly consistent from 286-325.  
 Rock is harder where lumps & grains occur.  
 Lightly disseminated pyrite 416-424 - some chert  
 421-424.

424-461-469 Hard, grayish, reddish & brownish  
 greenish Arkose agglomerate. Coarse  
 matrix - from gneiss. Fairly massive.

469-609-775. Even grained arkose grit. Coarse to 478.  
 Med. grained 478-515; coarse 515-530, 533-585  
 Fairly bedded 510-512, 533-571  
 Massive to 761. Fractured 761-775.  
 Aggl zone 585-591, 600-607, 610-628, 636-643  
 659-733, 738-775

## DIAMOND DRILL REPORT

Hole No. 1019 Location D.D. Hole 1019 CO-ORDINATE N. 77° 18' 0"  
 Elevation Collar ..... Direction of hole ..... Dip of hole .....  
 Date Started ..... Date finished ..... Large core from ..... to .....

Small core from ..... to .....

Date

Core Recovery

General

Economic

| Depth |     | % Rec. |
|-------|-----|--------|
| From  | to  |        |
| 120   | 123 | 1.0    |
| 123   | 126 | 0.7    |
| 126   | 131 | 3.3    |
| 131   | 136 | 2.2    |
| 136   | 137 | 0.7    |
| 137   | 140 | 1.4    |
| 140   | 145 | 3.6    |
| 145   | 148 | 2.7    |
| 148   | 151 | 2.0    |
| 151   | 153 | 1.1    |
| 153   | 157 | 2.7    |
| 157   | 160 | 2.9    |
| 160   | 164 | 3.0    |
| 164   | 170 | 5.7    |
| 170   | 174 | 3.9    |
| 174   | 182 | 5.0    |
| 182   | 190 | 6.8    |
| 190   | 196 | 5.0    |
| 196   | 200 | 3.8    |
| 200   | 206 | 5.3    |
| 206   | 211 | 5.5    |
| 211   | 218 | 5.0    |
| 218   | 226 | 5.4    |
| 226   | 232 | 6.1    |
| 232   | 239 | 6.7    |
| 239   | 247 | 1.6    |
| 247   | 245 | 4.0    |
| 245   | 251 | 5.2    |
| 251   | 257 | 2.1    |
| 257   | 261 | 2.4    |

775-841-880-939. Acid-int. Nov. - Reddish & thin felds.  
 Colored. Hard, f. gr. - Reddish & thin felds.  
 phenos (10%) - a pair of, a pair related. 1-2% quartz.  
 phenos. A few tiny veinlets Pb-Zn - 785, 786, 787.  
 787.5, 805, 806. Also a few pyrite veinlets & blebs.  
 Fractured  
 Very poor recovery 898-917-939.

939-955 Grey-green, silicified intermediate tuff.  
 About 90% silicification - hard. Dehydrated,  
 soft, all over green feldspar in a gr. matrix. In part  
 gritty - reddish-banded - feldspar. A few reddish  
 f. gr. hard at. la. chips. Barre.

955-1020 Grey-green intermediate agglomerate.  
 Med. hardness. Like K.S. footwall. Arkose g. d. (guts & chl. filled) & porphyry - (alt. felds.) fragments in  
 a fine, greenish, heavy matrix (alt. felds.) in matrix.  
 Also. A few black spots. Heavy fracturing 955-960.  
 986-1020.

1020-1066 Hard, grey-brown, coarse  
 arkose grit - prom. gut. Some reddish  
 pecked. Heavy fracturing 1020-1046, 1056-1066.  
 barren

1066 - End of Hole

## DIAMOND DRILL REPORT

Hole No. 1019 Location CO-ORDINATE: N  
 Elevation Collar ..... Direction of hole ..... Dip of hole .....  
 Date Started ..... Date finished ..... Large core from ..... to .....  
 Small core from ..... to .....

Date

## Core Recovery

| Depth |     |      | % Rec. |
|-------|-----|------|--------|
| From  | to  |      |        |
| 261   | 267 | 6.0  | 84     |
| 262   | 275 | 7.7  | 96     |
| 272   | 286 | 10.0 | 91     |
| 286   | 292 | 5.5  | 91     |
| 292   | 297 | 5.0  |        |
| 297   | 301 | 3.8  | 99     |
| 301   | 309 | 8.0  | 100    |
| 309   | 316 | 5.3  | 77     |
| 316   | 323 | 7.1  | 100    |
| 323   | 330 | 7.0  | 100    |
| 330   | 337 | 5.8  | 83     |
| 337   | 347 | 10.0 | 100    |
| 347   | 354 | 6.6  | 93     |
| 354   | 364 | 9.5  | 95     |
| 364   | 372 | 5.0  | 64     |
| 372   | 379 | 7.0  | 100    |
| 379   | 389 | 9.7  | 100    |
| 389   | 393 | 4.7  | 100    |
| 393   | 402 | 6.3  | 70     |
| 402   | 410 | 7.5  | 94     |
| 410   | 421 | 9.7  | 92     |
| 421   | 426 | 5.0  |        |
| 426   | 428 | 2.4  | 100    |
| 428   | 435 | 5.6  | 93     |
| 435   | 438 | 4.7  |        |
| 438   | 445 | 5.9  | 100    |
| 445   | 451 | 5.8  | 100    |
| 451   | 461 | 10.2 | 100    |
| 461   | 467 | 6.0  | 100    |
| 467   | 473 | 6.0  |        |
| 473   | 475 | 2.0  | 100    |

General

Economic

## DIAMOND DRILL REPORT

Hole No. 1019 Location CO-ORDINATES: N  
 Elevation Collar ..... Direction of hole ..... Dip of hole .....  
 Date Started ..... Date finished ..... Large core from ..... to .....

Small core from ..... to .....

*D.D. Hole 1019*

| Date | Core Recovery |     |        | General | Economic |
|------|---------------|-----|--------|---------|----------|
|      | Depth         |     | % Rec. |         |          |
|      | From          | to  |        |         |          |
|      | 475           | 485 | 10.0   | 100     |          |
|      | 485           | 492 | 6.4    | 100     |          |
|      | 492           | 502 | 10.4   | 100     |          |
|      | 502           | 512 | 10.3   | 100     |          |
|      | 512           | 520 | 8.0    | 100     |          |
|      | 520           | 530 | 10.0   | 100     |          |
|      | 530           | 536 | 6.2    | 100     |          |
|      | 536           | 543 | 6.3    | 93      |          |
|      | 543           | 553 | 10.2   | 100     |          |
|      | 553           | 559 | 5.5    | 73      |          |
|      | 559           | 569 | 10.3   | 100     |          |
|      | 569           | 579 | 10.0   | 100     |          |
|      | 579           | 589 | 9.6    | 95      |          |
|      | 589           | 596 | 7.6    |         |          |
|      | 596           | 601 | 3.8    | 94      |          |
|      | 601           | 609 | 8.0    | 100     |          |
|      | 609           | 618 | 8.7    | 97      |          |
|      | 618           | 627 | 8.4    | 93      |          |
|      | 627           | 636 | 7.7    | 86      |          |
|      | 636           | 646 | 6.5    | 65      |          |
|      | 646           | 656 | 7.4    | 74      |          |
|      | 656           | 666 | 8.8    | 90      |          |
|      | 666           | 671 | 5.2    | 100     |          |
|      | 671           | 681 | 8.1    | 87      |          |
|      | 681           | 689 | 3.3    |         |          |
|      | 689           | 696 | 1.2    | 56      |          |
|      | 696           | 697 | 5.7    | 57      |          |
|      | 697           | 704 | 1.0    |         |          |
|      | 704           | 706 | 6.5    |         |          |
|      |               |     | 1.0    | 85      |          |

## DIAMOND DRILL REPORT

Hole No. 1019 Location ..... CO-ORDINATE ..... N .....Elevation Collar ..... Direction of hole ..... Dip of hole .....Date Started ..... Date finished ..... Large core from ..... to .....Small core from ..... to .....

D. D. Hole 1019.

| Date | Core Recovery |     | % Rec. | General | Economic |
|------|---------------|-----|--------|---------|----------|
|      | From          | to  |        |         |          |
|      | 706           | 713 | 6.8    | 97      |          |
|      | 713           | 720 | 6.0    | 86      |          |
|      | 720           | 730 | 6.5    | 68      |          |
|      | 730           | 733 | 2.9    | 100     |          |
|      | 733           | 741 | 8.4    | 100     |          |
|      | 741           | 747 | 5.7    | 81      |          |
|      | 747           | 756 | 6.3    | 70      |          |
|      | 756           | 761 | 4.4    |         |          |
|      | 761           | 763 | 1.3    |         |          |
|      | 763           | 766 | 1.2    | 69      |          |
|      | 766           | 772 | 1.3    |         |          |
|      | 772           | 775 | 1.5    | 31      |          |
|      | 775           | 778 | 1.4    |         |          |
|      | 778           | 780 | 0.9    |         |          |
|      | 780           | 784 | 3.5    | 64      |          |
|      | 784           | 788 | 3.7    |         |          |
|      | 788           | 792 | 2.7    | 80      |          |
|      | 792           | 795 | 2.2    |         |          |
|      | 795           | 797 | 1.5    |         |          |
|      | 797           | 801 | 2.2    | 72      |          |
|      | 801           | 804 | 2.3    |         |          |
|      | 804           | 806 | 1.8    |         |          |
|      | 806           | 807 | 0.5    |         |          |
|      | 807           | 812 | 1.1    | 52      |          |
|      | 812           | 817 | 2.2    |         |          |
|      | 817           | 821 | 2.7    | 54      |          |
|      | 821           | 826 | 2.3    |         |          |
|      | 826           | 833 | 2.3    | 38      |          |
|      | 833           | 841 | 6.0    |         |          |
|      | 841           | 844 | 2.6    | 78      |          |

## DIAMOND DRILL REPORT

Hole No. 1019 Location D. D. H. CO-ORDINATE: N 1019Elevation Collar 1019 Direction of hole 1019 Dip of hole 1019Date Started 1019 Date finished 1019 Large core from 1019 to 1019Small core from 1019 to 1019

Date

## Core Recovery

| Depth |      |     | % Rec. |
|-------|------|-----|--------|
| From  | to   |     |        |
| 844   | 850  | 3.3 | 56     |
| 850   | 856  | 1.0 | 16     |
| 856   | 861  | 3.3 |        |
| 861   | 867  | 4.6 | 72     |
| 867   | 869  | 1.6 |        |
| 869   | 874  | 1.9 | 50     |
| 874   | 880  | 2.3 |        |
| 880   | 886  | 2.7 | 42     |
| 886   | 892  | 3.0 |        |
| 892   | 898  | 1.8 | 40     |
| 898   | 908  | 0.9 | 9      |
| 908   | 917  | 0.6 | 67     |
| 917   | 926  | 3.1 | 34     |
| 926   | 931  | 0.9 | 18     |
| 931   | 939  | 2.0 | 25     |
| 939   | 947  | 1.2 | 24     |
| 947   | 955  | 0.6 | 75     |
| 955   | 960  | 1.3 |        |
| 960   | 966  | 6.0 | 66     |
| 966   | 976  | 1.5 | 15     |
| 976   | 981  | 2.2 | 44     |
| 981   | 986  | 1.2 |        |
| 986   | 991  | 0.3 | 15     |
| 991   | 996  | 0.3 |        |
| 996   | 1002 | 1.1 | 13     |
| 1002  | 1004 | 1.0 |        |
| 1004  | 1009 | 0.7 | 24     |
| 1009  | 1016 | 0.7 | 10     |
| 1016  | 1020 | 0.4 |        |
| 1020  | 1026 | 0.5 | 9      |
| 1026  | 1032 | 0.4 |        |

General

Economic

## DIAMOND DRILL REPORT

Hole No. .... Location..... CO-ORDINATES: N..... E.....  
 Elevation Collar ..... Direction of hole ..... Dip of hole .....  
 Date Started ..... Date finished ..... Large core from ..... to.....  
 Small core from ..... to.....

D.D. Hole 1019

| Date | Core Recovery |      |        |
|------|---------------|------|--------|
|      | Depth         |      | % Rec. |
|      | From          | to   |        |
|      | 1032          | 1036 | 0.3 7  |
|      | 1036          | 1046 | 0.8 8  |
|      | 1046          | 1051 | 3.0    |
|      | 1051          | 1056 | 3.7 67 |
|      | 1056          | 1061 | 1.4    |
|      | 1061          | 1066 | 1.1 25 |

General

Economic