

004029

Oct 31/97

4-30 97G-12 729 $\frac{1}{2}$   
 in Fault - same as?

Nov 1<sup>st</sup> / 97

6.00 AM - 97G-12 @ 818'  
 in PHYLLITE - SHUT DOWN!

LIST OF DRILL LOGS

97G-12

|                                       |          |         |
|---------------------------------------|----------|---------|
| 698.5 - 727                           | PHYLLITE |         |
| 727 - 728                             | 4Z       | (H)     |
| 728 - 733                             | 2PZ      | (H)     |
| 733 - 747                             | Fault    | (W?)    |
| 747 - 749                             | DXA      | (N)     |
| 749 - 752                             | 2        | (N)     |
| 752 - 753 $\frac{1}{2}$               | 3PZ      | (H)     |
| 753 $\frac{1}{2}$ - 755 $\frac{1}{2}$ | 44J      | (N)     |
| 755 $\frac{1}{2}$ - 784               | 3P4Z     | (L → H) |
| 784 - 787                             | 44J      | (N)     |
| 787 - 818                             | PHYLLITE |         |

E014

**ANVIL RANGE MINING CORPORATION**  
**GRUM 1997 DIAMOND DRILLING RESULTS**  
**DOWN-HOLE COMPOSITES BASED ON GRADES**

| HOLE ID | FROM<br>(m) | TO<br>(m) | INTERVAL<br>(m) | Pb+Zn<br>(%) | Pb<br>(%) | Zn<br>(%) |
|---------|-------------|-----------|-----------------|--------------|-----------|-----------|
| 97G01   | 67.1        | 69.1      | 2.0             | 5.30         | 1.70      | 3.60      |
| 97G01   | 117.2       | 125.2     | 8.0             | 4.62         | 1.44      | 3.18      |
| 97G01   | 127.9       | 134.3     | 6.4             | 5.47         | 1.52      | 3.95      |
| 97G01   | 137.2       | 157.8     | 20.6            | 4.59         | 1.54      | 3.04      |
| 97G01   | 162.1       | 169.7     | 7.6             | 12.27        | 3.99      | 8.28      |
| 97G01   | 172.3       | 197.9     | 25.6            | 7.31         | 2.31      | 5.00      |
| 97G02   | 126.2       | 130.6     | 4.4             | 5.09         | 1.38      | 3.70      |
| 97G02   | 150.1       | 156.4     | 6.3             | 5.52         | 1.93      | 3.59      |
| 97G02   | 162.4       | 186.5     | 24.1            | 5.99         | 1.67      | 4.31      |
| 97G03   | 103.9       | 113.0     | 9.1             | 7.45         | 2.83      | 4.62      |
| 97G03   | 123.1       | 137.2     | 14.1            | 4.11         | 1.46      | 2.65      |
| 97G03   | 142.3       | 174.2     | 31.9            | 4.62         | 1.62      | 3.00      |
| 97G03   | 177.3       | 194.8     | 17.5            | 4.97         | 1.81      | 3.16      |
| 97G03   | 198.4       | 202.7     | 4.3             | 7.02         | 2.09      | 4.93      |
| 97G03   | 248.6       | 251.8     | 3.2             | 11.97        | 4.01      | 7.96      |
| 97G04   | 107.9       | 111.7     | 3.8             | 5.37         | 1.76      | 3.61      |
| 97G04   | 123.7       | 202.3     | 78.6            | 5.61         | 1.87      | 3.75      |
| 97G04   | 215.5       | 219.2     | 3.7             | 4.60         | 1.35      | 3.25      |
| 97G04   | 249.3       | 259.1     | 9.8             | 6.31         | 2.12      | 4.18      |
| 97G04   | 262.3       | 266.1     | 3.8             | 4.80         | 1.85      | 2.95      |
| 97G04   | 270.9       | 278.8     | 7.9             | 3.42         | 1.40      | 2.02      |
| 97G04   | 295.0       | 304.1     | 9.1             | 7.68         | 2.44      | 5.25      |
| incl.   | 300.5       | 304.1     | 3.6             | 11.00        | 3.05      | 7.95      |
| 97G05   | 122.6       | 131.2     | 8.6             | 7.00         | 2.59      | 4.41      |
| 97G05   | 139.9       | 145.9     | 6.0             | 3.63         | 1.01      | 2.62      |
| 97G05   | 154.2       | 198.8     | 44.6            | 5.71         | 2.05      | 3.66      |
| 97G05   | 201.9       | 219.8     | 17.9            | 6.90         | 2.12      | 4.78      |
| 97G05   | 223.9       | 236.8     | 12.9            | 5.91         | 1.85      | 4.06      |
| 97G05   | 264.2       | 278.8     | 14.6            | 5.60         | 2.18      | 3.43      |
| 97G06   | 127.6       | 131.1     | 3.5             | 5.27         | 1.58      | 3.69      |
| 97G06   | 135.9       | 154.8     | 18.9            | 5.42         | 1.71      | 3.72      |
| 97G06   | 175.4       | 189.3     | 13.9            | 5.60         | 1.99      | 3.61      |
| 97G06   | 210.2       | 219.3     | 9.1             | 4.42         | 1.78      | 2.64      |



97 G-12 Oct 29/97 2:15 AM

|               |      |       |
|---------------|------|-------|
| 411.0 - 426.0 | 2 PZ | (H)   |
| 426.0 - 429   | 44 j | (N)   |
| 429 - 456     | 2 ZP | (H)   |
| 456 - 458     | 44 j | (N)   |
| 458 - 469     | 2Z   | (L+)  |
| 469 - 480     | 3P/5 | (? W) |

|           |     |     |
|-----------|-----|-----|
| 480 - 494 | 3ZP | H-? |
|-----------|-----|-----|

→ H+

4:00 PM OCT 29/97

BROKEN BEARING  
DOWN 'TIL MIDNIGHT?

4:00 PM - SHANE ROBERT OFF

OCT 30/97 8:00 AM

DIAMOND DRILL - REPAIRING MAIN BEARING  
IN HEAD - (2 hrs?)

3 PM - PULLING 1st and OF D/S.

SHANE + ROBERT 4 PM.

OCT 31/97 8 AM

97G-012  
@ 696' in PHYLLITE

10:30 AM @ 707' in PHYLLITE  
PULLING RODS TO CLEAN THEM  
(WATER RETURN LOST!)

480 - 509 3Z (H)

509 - 519 PHYLLITE (N)

519 - 524 44 PZ (L)

524 - 549 2 PZ (N-)

549 - 561 44 j (N)

560 - 561 5 H

561 - 563 FRUIT - BLACK (?)

563 - 567 2 PZ (H)

567 - 576 44 j (N)

576 - 581 (L+)

581 - 586 44 N (N)

586 - 596 2 PZ (L+)

596 - 627 2 P (L → H)

627 - 648 PHYLLITE (N)

648 - 650 3Z (H)

650 - 660 44 (N)

660 - 704 PHYLLITE (N)

698 - 698.5 PYRROPHYLITE (N)

(80%)

OCT 27/97 12.15PM

|             |               |         |
|-------------|---------------|---------|
| 695-697     | 52            | (V)     |
| 697-698     | 44            | (W)     |
| 698-698.5   | 52            | (V)     |
| 688.5-708   | 44            | (W)     |
| 708-712     | 52/5          | (V) → L |
| 712-716.5   | 44            | (W)     |
| 716.5-717.5 | 52            | (V)     |
| 717.5-718   | 44            | (W)     |
| 718-719     | 52            | (V)     |
| 719-727     | 32            | (L+)    |
| 727-736     | 20g/32        | (L-)    |
| 736-763     | FAULT - BLACK |         |

INCLUDES FRAGMENTS MASSIVE  
PYRITE

|         |          |         |
|---------|----------|---------|
| 763-767 | 5/52     | (L → V) |
| 767-772 | 32       | (L)     |
| 772-809 | PHYLLITE | (W)     |

EOH.

2885m drilled to date.

INSTANTANEOUS WJQ 5 FSR  
HERE 97G-06 + 05.

OCT 28/97 8.30AM.

97G-012.

|         |                         |
|---------|-------------------------|
| 0-5     | carina -                |
| 5-95    | phyllite - well rounded |
| 95-142  | phyllite                |
| 142-167 | fine gr                 |
| 167-202 | phyllite                |
| 202-311 | "                       |

4.30PM 202-311

5.00PM - BLANK.

OCT 29/97

97G-12 - @ 469 8 AM.

|             |     |      |
|-------------|-----|------|
| 308-308.5   | 32  | (L)  |
| 308.5-312.5 | 44  | (W)  |
| 312.5-317.5 | 32  | (L)  |
| 317.5-355.0 | 44  | (W)  |
| 355.0-365   | 32  | (L)  |
| 365-379     | 20Z | (+)  |
| 379-394     | 32  | (L+) |
| 394-396.5   | 44J | (W)  |
| 396.5-408.5 | 20Z | (L+) |
| 408.5-411.0 | 44j |      |

OCT 25/97

SHAVE 8 AM - 12:00 NOON

97G-11 (1.30 AM)

|               |     |               |
|---------------|-----|---------------|
| 0             | 12  | CASING        |
| 12            | 253 | PHYLLITE etc. |
| 253           | 310 | 3Z L+H-       |
| 301           | 302 | FAULT         |
| 302           | 347 | PHYLLITE      |
| 339           | 347 | FAULT         |
| 2 PM AT DRILL | 347 | 377           |
|               | 377 | 404           |
|               | 404 | 405           |
|               |     | 2 ZG (H)      |

ROBERT + SHAVE 4 AM.

OCT 26/97

97G-11.

|     |     |            |
|-----|-----|------------|
| 405 | 429 | 3Z (L)     |
| 429 | 457 | PHYLLITE   |
| 457 | 476 | 3 (H → H+) |
| 476 | 480 | FAULT      |
| 480 | 485 | 2Z (H+)    |
| 485 | 492 | 3/2 PRZ H  |

|           |            |       |
|-----------|------------|-------|
| 492 - 501 | 20g APZ    | (L)   |
| 501 - 512 | 2          | (L)   |
| 512 - 515 | 2Z         | (H+)  |
| 515 - 524 | 2Z         | (L)   |
| 524 - 531 | 4L         | (N)   |
| 531 - 532 | 2/PHYLLITE | (L)   |
| 547 - 549 | 5/2Z       | (H-U) |
| 552 - 616 | PHYLLITE   |       |

4.30 AM @ 667' IN 97G-11

8 AM ~ 700'

OCT 27/97

97G-011 @ 769' IN FAULT  
WITH HC GRADE 5Z

12.15 PM - 97G-11 SHEET DOWN IN  
PHYLLITE @ 809'.

|           |     |          |
|-----------|-----|----------|
| 616       | 659 | PHYLLITE |
| 659 - 663 | 3P  | (L?)     |
| 663 - 682 | 4L  |          |
| 682 - 683 | 5Z  | (V)      |
| 683 - 695 | 3PZ | (L)      |

OCT 22 / 1 AM

97G-10

16

44

PHYLLITE - V. JOINTED

OCT 22 / 4.45 PM

97G-10

41

61 1/2

PHYLLITE - BROKEN FAULT

ROBERT 5 PM. (BEAST!)

OCT 23 / 97 8 AM.

97G-10 @ 399' IN PHYLLITE

11.15 AM

399

409

PHYLLITE

409

429

FAULT - 30

429

449

PHYLLITE

97G-10

61 1/2

213

40

213

227

30 -

227

237

40

237

249

30 -

249

248

40

348

352

40 ~ FAULT

352

399

40

376

385

FAULT

449 - 484

PHYLLITE (40)

60M

484 - 529

40

ROBERT 6 PM.

OCT 24 / 1997

8.45 AM

529 - 715

PHYLLITE

564 - 590

FAULTING

673 - 686

FAULT

715 - 733

PHYLLITE

EOH

OCT 20/97 4:30 AM

HOSE 976-09 @ 296'  
224 296 PHYLLITE.

OCT 21/97 8 AM 976-09  
@ 554' IN PHYLLITE

(BROKEN LIFT CABLE ~ 8:30 AM)

|       |       |                     |
|-------|-------|---------------------|
| 296   | 391.8 | PHYLLITE/MISABARITE |
| 341.8 | 345.0 | 3PZG (H)            |
| 345.0 | 345.5 | H4                  |
| 345.5 | 349.3 | 3PZG (H-)           |
| 349.3 | 353.3 | H4                  |
| 353.3 | 398   | 3PZG- (L+ → H-)     |
| 398.0 | 432   | 2 PZG-- (L)         |
| 410   | 427   | FAULT - V. BROKEN   |
| 432   | 433   | 3/5 Z (L-)          |
| 433   | 452   | 2 PZG (L → L+)      |
| 440   | 452   | FAULT V. BROKEN     |
| 452   | 474   | 3PZG (L+ → H-)      |
| 474   | 542.5 | PHYLLITE            |
| 463   | 473   | FAULT               |
| 475   | 479   | FAULT               |
| 484   | 487   | FAULT               |

|              |          |
|--------------|----------|
| 542.5 - 568. | PHYLLITE |
| 568 - 578    | "        |
| 578 - 579    | FAULT    |
| 579 - 605    | 3PZG (L) |
| 605 - 609    | H4       |
| ROBERT 5 PM. |          |

NEXT HOSE 976-10 200' GRID WEST  
OF 976-04  
-09

|             |                    |
|-------------|--------------------|
| 617-656 1/2 | PHYLLITE - BENEATH |
| 647.5 - 651 | FAULT              |
| 656 1/2     | H4                 |

SHUT DOWN 8:15 AM OCT 21/97

TAKE DIP TESTS EVERY 200'  
TAKEN ABOVE TO HOSE # 10.

OCT 22/97 8 AM

976-10 @ 16'

|      |                 |
|------|-----------------|
| 0-5  | CRASHING        |
| 5-16 | BROKEN PHYLLITE |

SHANE WILSON  
LOIS MILLER.

OCT 17/97 (LOGGING 97G-05)

97G-08

827 - 824 52 (U)

814 ~~804~~ - 855 2 PZ/20<sub>12</sub> PZ (H-)

855 - 878 phyllite

878 - 887 2 PZ

887 - ~~877~~ 952 phyllite

952 965 30-

97G-08 - } 74-46 } phyllite

143 - 46 } 2 } L

467 - 505 } 3 } L

505 - 550 } 2 } L

OCT 18<sup>th</sup> - 8 AM ROSS STUCK IN

HOLES - SEND FOR ANSWER

12.00 Noon - DRIVERS AT AIRM WAITING.

THUR P. CIGEL

3:00 AM - DRILLING CORRE FROM PAUL

NO BS DRILLING HOLES

OCT 19<sup>th</sup>. 9:45 AM 97G-08.

AT AIRM 9 AM - ROSS STUCK IN HOLE

AGAIN - ROSS TO DRIFT LOSS

1.15. ROSS DRILLED IN 20'S -

ROSS TO START 5-P TESTS

30' ROSS + CORE BARREL LEFT IN HOLE

ROSS STUCK IN HOLE @ 855 (BARREL IN 110' OFF BOTTOM)

5:30 PM - PULLING ROSS TO MAKE

TESTS DONE.

OCT 20/97 8:00 AM.

STARTED DRILLING 97G-09 ON H/S

97G-09

0-143 PHYLLITE - BROKEN.

143-152 PHYLLITE

152-163 " BROKEN

163-165 FAULT

165-169 PHYLLITE + RTZ COARSE GRAIN

2 AM Oct 20<sup>th</sup>.

169-174 PHYLLITES

174-224 PHYLLITES - PARTLY CARBONACEOUS

FAIR GRAIN - SOME WELL  
JOINTED SECTIONS