

Plate 41  
**Coeur d'Alene District Revett Study**  
**Underground Stratigraphic Log**

Date started 10-31-84  
 Completed 11-21-84

Section Name STAR TUNNEL A  
 Purpose of Section examine stratigraphy of part of the upper Burke and lower Revett

Mine Star  
 Level Main Tunnel  
 Logged by J. Mauk

Location Map No. ST a,b,c  
 Coord-base S 34,995  
E 31,245  
 Coord.-top S 36,905  
E 30,764

| DEPTH / THICKNESS | ROCK TYPE | DIAGENETIC / METAMORPHIC MODIFICATIONS | COLORS | BEDDING PLANE PROPERTIES |                                    |           | LAYER PROPERTIES  |        |              |           | LITHOLOGY     |              | COMPACTION DEFORMATION PROPERTIES |            | NOTES | % RECOVERY | NO. OF LAYER |           |   |
|-------------------|-----------|--|--------|--------------------------|------------------------------------|-----------|-------------------|--------|--------------|-----------|---------------|--------------|-----------------------------------|------------|-------|------------|--------------|-----------|---|
|                   |           |  |        | TYPE                     | ATTITUDE STK/DIP or Z to Core Axis | STRUCTURE | CURRENT DIRECTION | PLANAR | CURVI-PLANAR | NONPLANAR | CLAYEY PELITE | SILTY PELITE | SANDY PELITE                      | VERY SANDY |       |            |              | FINE SILT | MEDIUM SAND   |
| 1900              |           | 3-5% ser/mus                           | wh     |                          | 78                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           | 1890' TOF OF SECTION  |
| 1800              |           | 5-15% ser/phn                          | gn     |                          | 82                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           | VITREOUS QTZITE PORTRAYED AS MEDIUM SAND, SERICITIC QTZITE PORTRAYED, AS FINE SAND. |
| 1700              |           | 3-7% ser/phn                           | gn     |                          | 80                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           |   |
| 1600              |           | 5-15% ser/phn                          | gn     |                          | 80                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           | 1610' - 1645' EXTREMELY WET   |
| 1500              |           | 15-30% ser/phn                         | gn     |                          | 75                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           | 1638' FAULT ZONE, INDETERMINATE OFFSET.   |
| 1400              |           | 3-5% ser/mus                           | wh-gy  |                          | 78                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           | 1555' - 4" WIDE FAULT ZONE WITH INDETERMINATE OFFSET.                               |
| 1300              |           | 3-5% ser/mus                           | wh-gy  |                          | 75                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           | 1387' FAULT ZONE, INDETERMINATE OFFSET  |
| 1200              |           | 3-5% ser/mus                           | wh-gy  |                          | 81                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           |   |
| 1100              |           |  |        |                          | 76                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           | 1100' - 1185' EXTREMELY WET.  |
| 1000              |           | 3-5% ser/mus                           | wh-gy  |                          | 73                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           |   |
| 900               |           | 3-5% ser/mus                           | wh-gy  |                          | 74                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           |   |
| 800               |           | 5-15% ser/phn                          | gn     |                          | 74                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           | 1175' FAULT ZONE, INDETERMINATE OFFSET  |
| 700               |           | 5-15% ser/phn                          | gn     |                          | 74                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           | 1100' - 1185' EXTREMELY WET.  |
| 600               |           | 5-15% ser/phn                          | gn     |                          | 72                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           |   |
| 500               |           | 3-7% ser/phn                           | gn     |                          | 74                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           |   |
| 400               |           | 5-15% ser/phn                          | gn     |                          | 74                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           |   |
| 300               |           | 5-15% ser/phn                          | gn     |                          | 74                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           |   |
| 200               |           | 5-15% ser/phn                          | gn     |                          | 72                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           |   |
| 100               |           | 5-15% ser/phn                          | gn     |                          | 69                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           |   |
| 0                 |           |  |        |                          | 70                                 |           |                   |        |              |           |               |              |                                   |            |       |            |              |           |   |

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