

**Mc ARTHUR RIVER MINING**  
**DIAMOND DRILL HOLE HEADER SUMMARY SHEET**

|                                     |                     |                                |                         |
|-------------------------------------|---------------------|--------------------------------|-------------------------|
| HOLE I.D.                           | : <u>00_24</u>      | LOCATION (eg. drive name)      | : <u>2M4 Pad</u>        |
| GRID AZIMUTH                        | : <u>58</u>         | DESIGN DEPTH (m)               | : <u>36</u>             |
| COLLAR INCLINATION                  | : <u>+23</u>        | TOTAL DEPTH (m)                | : <u>41.2</u>           |
| <u>SURVEYED COLLAR CO-ORDINATES</u> |                     | DATE STARTED                   | : <u>15/03/2000</u>     |
| EASTING                             | : <u>7849.43</u>    | DATE FINISHED                  | : <u>15/03/2000</u>     |
| NORTHING                            | : <u>2126.08</u>    | DRILLED BY                     | : <u>Boart Longyear</u> |
| RL                                  | : <u>9639.1</u>     | <u>CORE INTERVALS ASSAYED:</u> |                         |
| HOLE/CORE SIZE(S)                   | : <u>LTK 48</u>     | <u>25.25-28.56</u>             | <u>I23</u>              |
| LOGGED BY                           | : <u>MF</u>         | <u>28.56-36.14</u>             | <u>2</u>                |
| D/HOLE SURVEY METHOD                | : <u>EASTMAN SS</u> | <u>36.14-40.95</u>             | <u>I12</u>              |

RAW DOWNHOLE SURVEY DATA

LOCAL MAG. DEV. : + 5  
 (add to downhole survey azim. reading)

| Depth (m) | Azimuth(Mag) | Dip | Depth (m) | Azimuth(Mag) | Dip |
|-----------|--------------|-----|-----------|--------------|-----|
| 0         | 56.5         | 23  |           |              |     |
| 40        | 57.5         | 23  |           |              |     |
|           |              |     |           |              |     |
|           |              |     |           |              |     |
|           |              |     |           |              |     |
|           |              |     |           |              |     |
|           |              |     |           |              |     |
|           |              |     |           |              |     |
|           |              |     |           |              |     |
|           |              |     |           |              |     |

Surveyed Collar & Geology Entered Into Vulcan Database : April 2000

Assays Entered Into Vulcan Database : April 2000

Comments:  
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 \_\_\_\_\_  
 \_\_\_\_\_





April 1, 2006

McARTHUR RIVER MINING LOWER FOLD ZONE DRILLING GEOLOGICAL LOG SHEET

| GEO          |      | DATE       |      | GEOLOGICAL |    | STRUCTURE |    | VERSION     |     |      |      |     |        |     |    |     |   |             |
|--------------|------|------------|------|------------|----|-----------|----|-------------|-----|------|------|-----|--------|-----|----|-----|---|-------------|
| Matt Furness |      | 00/24      |      | 1 of 2     |    | A2        |    | 125/01/2000 |     |      |      |     |        |     |    |     |   |             |
| HOLE         |      | PAGE       |      | CORE       |    | SHAFT     |    | COMMENTS    |     |      |      |     |        |     |    |     |   |             |
| A1           |      | 3          |      | LTK 48     |    | 3         |    |             |     |      |      |     |        |     |    |     |   |             |
| LITHOLOGY    |      | ALTERATION |      | SOLIDUS    |    | FAULTING  |    | GEOLOGICAL  |     |      |      |     |        |     |    |     |   |             |
| G            | LITH | TEX        | DOL  | VEIN       | NO | CR        | CO | PY          | MIN | TYPE | NAME | REC | CORE   | BCA | A1 | OTH | D | A2          |
| 7            | S    | L          | 3    | 4          | 3  | 3         | 3  | 2           | 3   | 3    | 3    | S   | 4      | 3   | 3  | 3   | 3 | 3           |
| 0.00         | GY   | FR         | 1230 |            | W  |           |    | S           | W   |      |      | >95 | LTK 48 | 3   |    |     |   | 30          |
| 2.00         | YLBN | FR         | 123C |            | M  |           |    | M           | W   |      |      | >95 | LTK 48 | 45  |    |     |   |             |
| 3.80         | YLBN | FR         | 123B |            | M  |           |    | M           | W   |      |      | >95 | LTK 48 | 45  |    |     |   |             |
| 6.03         | GY   | FR         | 123B |            | M  |           |    | M           | W   |      |      | >95 | LTK 48 | 70  |    |     |   |             |
| 6.11         | YLBN | FR         | 123A | 40-50%     | S  |           |    | M           | W   | fr   |      | >95 | LTK 48 | 40  |    |     |   |             |
| 16.52        | YLBN | FR         | 123B |            |    |           |    | M           | W   |      |      | >95 | LTK 48 | 35  |    |     |   |             |
| 18.01        | YLBN | FR         | 123B |            | M  |           |    | M           | W   |      |      | >95 | LTK 48 |     |    |     |   |             |
| 18.76        | GY   | FR         | 123B |            | M  |           |    | M           | W   |      |      | >95 | LTK 48 | 45  |    |     |   |             |
| 22.27        | YLBN | FR         | 123B |            | M  |           |    | M           | W   |      |      | >95 | LTK 48 | 50  |    |     |   |             |
| 25.25        | YLBN | FR         | 123C |            | S  |           |    | M           | W   |      |      | >95 | LTK 48 | 50  |    |     |   |             |
| 26.99        | YLBN | FR         | 1230 |            | W  |           |    | S           | M   |      |      | >95 | LTK 48 | 45  |    |     |   |             |
| 28.40        | GY   | FR         | 123D |            |    |           |    | T           | S   |      |      | >95 | LTK 48 | 50  |    |     |   | hw marker   |
| 28.56        | GY   | FR         | 2A   |            |    |           |    |             |     |      |      | >95 | LTK 48 | 55  |    |     |   |             |
| 29.18        | GY   | FR         | 2B   |            |    |           |    |             |     |      |      | >95 | LTK 48 | 55  |    |     |   |             |
| 31.24        | GY   | FR         | 2B   |            | M  |           |    |             |     |      |      | >95 | LTK 48 | 50  |    |     |   |             |
| 31.30        | GY   | FR         | 2C   |            | L  |           |    |             |     |      |      | >95 | LTK 48 | 50  |    |     |   |             |
| 33.51        | GY   | FR         | 2D   |            | L  |           |    |             |     |      |      | >95 | LTK 48 | 60  |    |     |   |             |
| 34.67        | GY   | FR         | 2D   |            | B  |           |    |             |     |      |      | >95 | LTK 48 |     |    |     |   | barren silt |
| 34.83        | GY   | FR         | 2D   |            | L  |           |    |             |     |      |      | >95 | LTK 48 | 55  |    |     |   |             |
| 36.14        | GY   | FR         | 112A |            | L  |           |    |             |     |      |      | >95 | LTK 48 |     |    |     |   |             |
| 36.48        | GY   | FR         | 112A |            | L  |           |    | W           | W   |      |      | >95 | LTK 48 | 60  |    |     |   |             |
| 36.65        | GY   | FR         | 112B |            | B  |           |    | S           | W   |      |      | >95 | LTK 48 | 60  |    |     |   |             |
| 37.68        | YLBN | FR         | 112C |            | L  |           |    | M           | W   |      |      | >95 | LTK 48 | 55  |    |     |   | tuff @38.6  |
| 39.03        | GY   | FR         | 112D |            | B  |           |    |             |     |      |      | >95 | LTK 48 |     |    |     |   |             |
| 40.95        | GY   | FR         | 1    |            | L  |           |    | W           | T   |      |      | >95 | LTK 48 | 60  |    |     |   | teoh        |