

# DEFIANCE MINING NL - MATHINNA PROJECT - REVERSE CIRCULATION DRILL HOLE LOG

|               |                 |            |                   |          |          |             |           |
|---------------|-----------------|------------|-------------------|----------|----------|-------------|-----------|
| rospect       | New Golden Gate | Geologist  | DG Jackson        | Easting  | 574530m  | Hole No     | RC99MT051 |
| ate Commenced | 19.6.99         | Drillers   | Diamond Drill Tas | Northing | 5406765m | Azimuth     | 270 AMG   |
| ate Completed | 19.6.99         | Hole Depth | 43m               | RL       | 309.3m   | Inclination | 55        |

| Depth |    | Lithology |                                       |                |             |       |      | Sampling |    |           |
|-------|----|-----------|---------------------------------------|----------------|-------------|-------|------|----------|----|-----------|
| From  | To | Colour    | Description                           | Mineralisation | Alteration  | % Qtz | Desc | From     | To | Sample No |
| 0     | 1  |           | No Recovery                           |                |             |       |      | 3        | 5  | 106287    |
| 1     | 2  | rbr       | Tailings & Timber                     |                |             | 0     |      | 5        | 8  | 106288    |
| 2     | 3  | rbr       | Tailings & Timber                     |                |             | 0     |      | 8        | 10 | 106289    |
| 3     | 4  | rbr       | Tailings & Timber                     |                |             | 0     |      | 10       | 12 | 106290    |
| 4     | 5  | rbr       | Tailings                              |                |             | 0     |      | 12       | 14 | 106291    |
| 5     | 6  | br        | Tailings & Clay                       |                |             | 0     |      | 14       | 15 | 106292    |
| 6     | 7  | br        | Clay                                  |                |             | 0     |      | 15       | 16 | 106293    |
| 7     | 8  | br        | Clay & minor weathered siltstone      |                |             | 0     |      | 16       | 17 | 106294    |
| 8     | 9  | br        | Siltstone, weathered & Clay           |                |             | 10    | w fe | 17       | 18 | 106295    |
| 9     | 10 | br        | Siltstone & Sandstone, weathered      |                |             | 1     | w fe | 18       | 19 | 106296    |
| 10    | 11 | ybr       | Sandstone & Siltstone, weathered      |                |             | 0     |      | 19       | 20 | 106297    |
| 11    | 12 | ybr       | Sandstone & Siltstone, weathered      |                |             | 0.5   | w fe | 20       | 21 | 106298    |
| 12    | 13 | lgr&br    | Sandstone & Siltstone, part weathered |                |             | 1     | w    | 21       | 22 | 106299    |
| 13    | 14 | lgr       | Siltstone, tr weathering              | 0.5% py        |             | 2     | gr w | 22       | 23 | 106300    |
| 14    | 15 | lgr       | Siltstone, tr weathering              | 2% py          |             | 95    | gr w | 23       | 24 | 106501    |
| 15    | 16 | lgr       | Siltstone, tr weathering              | 3% cg asp/py   |             | 80    | w gr | 24       | 25 | 106502    |
| 16    | 17 | lgr       | Siltstone & Sandstone, fresh          | 3% asp/py      |             | 70    | gr w | 25       | 26 | 106503    |
| 17    | 18 | lgr       | Siltstone, fresh                      | 3% asp/py      |             | 60    | gr w | 26       | 28 | 106504    |
| 18    | 19 | lgr       | Siltstone, fresh                      | 0.5% py        |             | 0     |      | 28       | 30 | 106505    |
| 19    | 20 | lgr       | Siltstone, fresh                      | 1% py          |             | 5     | gr w |          |    |           |
| 20    | 21 | lgr       | Siltstone, fresh                      | 2% py 1vg?     |             | 90    | w gr |          |    |           |
| 21    | 22 | lgr       | Siltstone, fresh                      | 3% py          |             | 70    | w gr |          |    |           |
| 22    | 23 | lgr       | Siltstone, fresh                      | 2% py/cg asp   |             | 70    | w gr |          |    |           |
| 23    | 24 | lgr       | Siltstone, fresh                      | 2% py          | fuchite     | 50    | w gr |          |    |           |
| 24    | 25 | lgr       | Siltstone, fresh                      | 3% py 1 vg     | fuchite     | 60    | w gr |          |    |           |
| 25    | 26 | lgr       | Siltstone, fresh                      | 1% py/cg asp   |             | 25    | w gr |          |    |           |
| 26    | 27 | lgr       | Siltstone, fresh                      | Tr py          | Py spotting | 1     | w    |          |    |           |
| 27    | 28 | lgr       | Siltstone & Sandstone, fresh          | 0.5% py        |             | 10    | w    |          |    |           |
| 28    | 29 | dgr       | Siltstone, fresh                      | Tr py          | Py spotting | 0.5   | w    |          |    |           |
| 29    | 30 | l&dgr     | Siltstone & Sandstone, fresh          |                | Py spotting | 1     | w    |          |    |           |

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