

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

| | | | | | | | |
|----------------|-----------------|------------|----------------------|----------|------------|-------------|-----------|
| Prospect | New Golden Gate | Geologist | D G Jackson | Easting | 574438m | Hole No | RC98MT030 |
| Date Commenced | 31.10.98 | Drillers | Diamond Drillers Tas | Northing | 5406605.5m | Azimuth | 270 AMG |
| Date Completed | 1.11.98 | Hole Depth | 73m | RL | 338.7m | Inclination | 60 |

| Depth | | Lithology | | | | | | Sampling | | |
|-------|----|-----------|-----------------------------------|----------------|------------|-------|---------|----------|----|-----------|
| From | To | Colour | Description | Mineralisation | Alteration | % Qtz | Desc | From | To | Sample No |
| 0 | 1 | Lbr | Siltstone, weathered | | | 0 | | 0 | 2 | 105180 |
| 1 | 2 | lbr | Siltstone, weathered | | | 2 | w fe | 2 | 4 | 105181 |
| 2 | 3 | lybr | Siltstone, weathered | | | 2 | w fe | 4 | 6 | 105182 |
| 3 | 4 | lybr | Siltstone, weathered | | | 2 | w fe | 6 | 8 | 105183 |
| 4 | 5 | lybr | Siltstone, weathered | | | 0 | | 8 | 9 | 105184 |
| 5 | 6 | lybr | Siltstone, weathered | | | 0 | | 9 | 10 | 105185 |
| 6 | 7 | lybr | Siltstone, weathered | | | 0 | | 10 | 12 | 105186 |
| 7 | 8 | lybr | Siltstone, weathered | | | 0 | | 12 | 14 | 105187 |
| 8 | 9 | lybr | Siltstone, weathered, ferruginous | | | 10 | w fe | 14 | 16 | 105188 |
| 9 | 10 | lybr | Siltstone, weathered | 1 vg | | 90 | w fe | 16 | 18 | 105189 |
| 10 | 11 | lybr | Siltstone, weathered | | | 2 | w fe | 18 | 20 | 105190 |
| 11 | 12 | lybr | Siltstone, weathered | | | 0 | | 20 | 22 | 105191 |
| 12 | 13 | lybr | Siltstone, weathered | | | 0 | | 22 | 34 | 105192 |
| 13 | 14 | lbr | Siltstone, weathered | | | 1 | w fe | 24 | 25 | 105193 |
| 14 | 15 | lbr | Siltstone, weathered | | | 1 | w fe | 25 | 27 | 105194 |
| 15 | 16 | lbr | Siltstone, weathered | | | 0.5 | w fe | 27 | 29 | 105195 |
| 16 | 17 | lbr | Siltstone, weathered | | | 2 | fe w | | | |
| 17 | 18 | lbr | Siltstone, weathered | | | 15 | fe w | | | |
| 18 | 19 | lbr | Siltstone & Shale, weathered | | | 0 | | | | |
| 19 | 20 | lbr | Siltstone & Shale, weathered | | | 0 | | | | |
| 20 | 21 | lbr | Siltstone & Shale, weathered | | | 10 | w gr fe | | | |
| 21 | 22 | lbr | Siltstone & Shale, weathered | | | 2 | w fe | | | |
| 22 | 23 | lbr | Siltstone & Shale, weathered | | | 1 | w fe | | | |
| 23 | 24 | lbr | Siltstone & Shale, weathered | | | 0 | | | | |
| 24 | 25 | lbr | Siltstone & Shale, weathered | v fe qtz | | 30 | fe w | | | |
| 25 | 26 | lbr | Siltstone & Shale, weathered | | | 0 | | | | |
| 26 | 27 | lbr | Siltstone & Shale, weathered | | | 0 | | | | |
| 27 | 28 | dbr | Siltstone & Shale, weathered | | | 0 | | | | |
| 28 | 29 | dbr | Siltstone & Shale, weathered | | | 1 | fe w | | | |
| 29 | 30 | lbr | Siltstone & Shale, weathered | | | 0 | | | | |

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

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|------------|-----------------|------------|----------------------|----------|------------|-------------|-----------|
| Project | New Golden Gate | Geologist | D G Jackson | Easting | 574438m | Hole No | RC98MT030 |
| Start Date | 31.10.98 | Drillers | Diamond Drillers Tas | Northing | 5406605.5m | Azimuth | 270 AMG |
| End Date | 1.11.98 | Hole Depth | 73m | RL | 338.7m | Inclination | 60 |

| Depth | | Lithology | | | | | | Sampling | | |
|-------|----|-----------|-------------------------------------|----------------|------------|-------|------|----------|----|-----------|
| From | To | Colour | Description | Mineralisation | Alteration | % Qtz | Desc | From | To | Sample No |
| 30 | 31 | lbr | Siltstone & Shale, weathered | | | 0 | | 29 | 31 | 150196 |
| 31 | 32 | lbr | Siltstone & Shale, weathered | | | 1 | w fe | 31 | 34 | 150197 |
| 32 | 33 | dgr | Siltstone & Shale, partly weathered | | | 1 | w fe | 34 | 36 | 150198 |
| 33 | 34 | dgr | Siltstone & Shale, partly weathered | | | 0 | | 36 | 37 | 150199 |
| 34 | 35 | dgr | Siltstone & Shale, partly weathered | | | 0 | | 37 | 38 | 150200 |
| 35 | 36 | dgr | Siltstone & Shale, partly weathered | | | 0 | | 38 | 40 | 150201 |
| 36 | 37 | dgr | Siltstone, fresh | 2% asp | | 50 | w gr | 40 | 42 | 150202 |
| 37 | 38 | l&dgr | Siltstone, fresh | Tr asp | | 50 | w | 42 | 44 | 150203 |
| 38 | 39 | l&dgr | Siltstone, fresh | | | 2 | w | 44 | 47 | 150204 |
| 39 | 40 | l&dgr | Siltstone, fresh | | | 3 | w | 47 | 49 | 150205 |
| 40 | 41 | l&dgr | Siltstone, fresh | 0.5% asp | | 5 | w | 49 | 51 | 150206 |
| 41 | 42 | lgr | Siltstone, fresh | | | 3 | w | 51 | 53 | 150207 |
| 42 | 43 | lgr | Siltstone, fresh | | | 5 | w | 53 | 55 | 150208 |
| 43 | 44 | lgr | Siltstone & Sandstone, fresh | Tr asp | | 3 | w | 55 | 58 | 150209 |
| 44 | 45 | lgr | Sandstone, fg, fresh | Tr asp | | 1 | w | 58 | 60 | 150210 |
| 45 | 46 | lgr | Sandstone, fg, fresh | Tr asp | | 2 | w | 60 | 61 | 150211 |
| 46 | 47 | lgr | Sandstone, fg, fresh | Tr asp | | 3 | w | 61 | 63 | 150212 |
| 47 | 48 | lgr | Sandstone, fg, fresh | Tr py | | 40 | w | 63 | 65 | 150213 |
| 48 | 49 | lgr | Sandstone, fg, fresh | Tr py | | 40 | w | | | |
| 49 | 50 | lgr | Sandstone, fg, fresh | | | 3 | w | | | |
| 50 | 51 | lgr | Siltstone & Sandstone, fresh | 0.5% py | | 30 | w | | | |
| 51 | 52 | lgr | Sandstone & Siltstone, fresh | | | 3 | w | | | |
| 52 | 53 | lgr | Sandstone & Siltstone, fresh | | | 10 | w | | | |
| 53 | 54 | lgr | Sandstone & Siltstone, fresh | | | 5 | w | | | |
| 54 | 55 | lgr | Sandstone & Siltstone, fresh | | | 30 | w | | | |
| 55 | 56 | lgr | Sandstone & Siltstone, fresh | Tr py | | 3 | w | | | |
| 56 | 57 | lgr | Sandstone & Siltstone, fresh | | | 5 | w | | | |
| 57 | 58 | lgr | Siltstone & Sandstone, fresh | | | 3 | w | | | |
| 58 | 59 | lgr | Siltstone & Sandstone, fresh | | | 1 | w | | | |
| 59 | 60 | lgr | Siltstone, fresh | | | 1 | w | | | |

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

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|---------------|-----------------|------------|----------------------|----------|------------|-------------|-----------|
| rospect | New Golden Gate | Geologist | D G Jackson | Easting | 574438m | Hole No | RC98MT030 |
| ate Commenced | 31.10.98 | Drillers | Diamond Drillers Tas | Northing | 5406605.5m | Azimuth | 270 AMG |
| ate Completed | 1.11.98 | Hole Depth | 73m | RL | 338.7m | Inclination | 60 |

| Depth | | Lithology | | | | | | Sampling | | |
|-------|----|-----------|------------------|----------------|------------|-------|------|----------|----|-----------|
| From | To | Colour | Description | Mineralisation | Alteration | % Qtz | Desc | From | To | Sample No |
| 60 | 61 | lgr | Siltstone, fresh | Tr py | | 50 | w gr | 60 | 61 | 150211 |
| 61 | 62 | lgr | Siltstone, fresh | 1% py Tr asp | | 2 | w | 61 | 63 | 150212 |
| 62 | 63 | lgr | Siltstone, fresh | | | 0 | | 63 | 65 | 150213 |
| 63 | 64 | lgr | Siltstone, fresh | | | 5 | w | 65 | 67 | 105214 |
| 64 | 65 | lgr | Siltstone, fresh | 0.5% py | | 15 | w | 67 | 69 | 105215 |
| 65 | 66 | lgr | Siltstone, fresh | Tr py | | 10 | w | 69 | 71 | 105216 |
| 66 | 67 | lgr | Siltstone, fresh | | | 2 | w | 71 | 73 | 105217 |
| 67 | 68 | lgr | Siltstone, fresh | | | 0 | | | | |
| 68 | 69 | lgr | Siltstone, fresh | | | 0.5 | w | | | |
| 69 | 70 | lgr | Siltstone, fresh | | | 0 | | | | |
| 70 | 71 | lgr | Siltstone, fresh | | | 0 | | | | |
| 71 | 72 | lgr | Siltstone, fresh | | | 0 | | | | |
| 72 | 73 | lgr | Siltstone, fresh | | | 0 | | | | |
| 73 | 74 | | | | | | | | | |
| 74 | 75 | | EOH at 73m | | | | | | | |
| 75 | 76 | | | | | | | | | |
| 76 | 77 | | | | | | | | | |
| 77 | 78 | | | | | | | | | |
| 78 | 79 | | | | | | | | | |
| 79 | 80 | | | | | | | | | |
| 80 | 81 | | | | | | | | | |
| 81 | 82 | | | | | | | | | |
| 82 | 83 | | | | | | | | | |
| 83 | 84 | | | | | | | | | |
| 84 | 85 | | | | | | | | | |
| 85 | 86 | | | | | | | | | |
| 86 | 87 | | | | | | | | | |
| 87 | 88 | | | | | | | | | |
| 88 | 89 | | | | | | | | | |
| 89 | 90 | | | | | | | | | |

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