

GOLD FIELDS EXPLORATION PTY. LIMITE  
DRILL CORE LOG AND ASSAY DATA

418066

PROJECT: TYNDALL

HOLE NUMBER: LS. 10

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| INTERVAL |    | RECOVERY |   | DESCRIPTION   | ASSAY DATA (p.p.m) |       |       |        |       |     |     |      |    |  |  |  |  |  |  |  |  |
|----------|----|----------|---|---|--------------------|-------|-------|--------|-------|-----|-----|------|----|--|--|--|--|--|--|--|--|
| From     | To | m        | % |   | Sample No.         | From  | To    | Rec. % | Au    | Cu  | Pb  | Zn   | Ag |  |  |  |  |  |  |  |  |
|          |    |          |   | ment and as a massive replacement. The rest of the rock is pale green soft sericite to 41.0. A few relict quartz phenocrysts (1-2 mm across) exist. The rock has a moderately developed schistosity at 30° CA. Specular hematite occurs in the more massive replacement zones (usually 10-20 across) and the limonitic fractures that exist in conglomerate above, also occur here, as do the quartz-pink albite metamorphic veins (vuggy). Quartz-massive hematite veining occurs together with small brecciated zones in the lava. e.g. at 43.4. After 41.0, the pale green sericitic alteration is replaced by a dark green chloritic alteration, also, a pink albitisation? occurs in patches. The albitisation? appears to be associated with small scale (5-10cm wide zones) brecciation, as pink albitised angular fragments occur in a dark chloritic matrix. Below 41.0, the rock is weakly altered overall. | 12718              | 52.4  | 54.5  | 100    | <0.01 | 15  | <10 | 170  | 1  |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12719              | 58.4  | 60.4  | 100    | "     | 25  | 70  | 60   | 1  |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12720              | 64.4  | 66.4  | 100    | "     | 10  | 10  | 30   | <1 |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12721              | 70.4  | 72.4  | 100    | "     | <10 | <10 | 40   | <1 |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12722              | 76.4  | 78.4  | 100    | "     | 10  | 30  | 30   | 1  |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12723              | 82.4  | 84.4  | 100    | "     | 5   | 20  | 20   | <1 |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12724              | 88.4  | 90.4  | 100    | "     | <10 | <10 | 40   | <1 |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12725              | 94.4  | 96.4  | 100    | "     | <10 | <10 | 40   | <1 |  |  |  |  |  |  |  |  |
|          |    |          |   | At 57.3, a 0.6m wide fracture zone occurs, consisting of blocky fractured, limonite coated rock fragments.  | 12726              | 100.4 | 102.4 | 100    | "     | <10 | <10 | 30   | 1  |  |  |  |  |  |  |  |  |
|          |    |          |   | After 65.8, the paler green sericitic alteration replaces the darker chloritic style. Also the zones of massive hematitic alteration are rare and overall the core is less fractured. The quartz-albite veins still occur, with vuggy, comb-like fractures and openings-some fractures with a brown limonitic coating. Minor magnetite occurs with many of the hematitic-quartz veins.  | 12727              | 106.4 | 108.4 | 100    | "     | 5   | 20  | 20   | <1 |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12728              | 112.4 | 114.4 | 100    | "     | 15  | <10 | 50   | <1 |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12729              | 118.4 | 120.4 | 100    | "     | 20  | <10 | 60   | <1 |  |  |  |  |  |  |  |  |
|          |    |          |   | At 75.8, a 1 cm wide fault infilled with elongate quartz in a dark green chloritic matrix, offsets a thick (10cm) quartz-albite vein approx. 5 cm. The vein runs at 80° CA, the small fault at 20° CA.  | 12730              | 124.4 | 126.4 | 100    | "     | 20  | 20  | 90   | 1  |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12731              | 202.3 | 203.4 | 100    | "     | 70  | 80  | 770  | 1  |  |  |  |  |  |  |  |  |
|          |    |          |   | At 87.4, another fractured-limonitic zone occurs over approx. 1.6m.   | 12732              | 203.4 | 204.4 | 100    | "     | 10  | 120 | 120  | 1  |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12733              | 204.4 | 205.4 | 100    | "     | 30  | 120 | 950  | <1 |  |  |  |  |  |  |  |  |
|          |    |          |   | After 95.0, both the metamorphic veins and the limonitic fractures become very rare. Overall the core is incipiently fractured.   | 12734              | 205.4 | 206.4 | 100    | "     | 30  | 240 | 950  | 1  |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12735              | 206.4 | 207.4 | 100    | "     | 30  | 110 | 1080 | 1  |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12736              | 207.4 | 208.4 | 100    | "     | 20  | 90  | 380  | 1  |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12737              | 208.4 | 209.4 | 100    | "     | 145 | 90  | 1030 | 2  |  |  |  |  |  |  |  |  |
|          |    |          |   | 127.2-202.4 WEAKLY ALTERED WELDED IGNIMBRITE CONTAINING LITHIC, PUMICEOUS AND CRYSTAL FRAGMENTS.  | 12738              | 209.4 | 210.4 | 100    | "     | 70  | 120 | 480  | <1 |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12739              | 210.4 | 211.4 | 100    | "     | 40  | 140 | 820  | 1  |  |  |  |  |  |  |  |  |
|          |    |          |   |   | 12740              | 211.4 | 212.4 | 100    | "     | 195 | 150 | 1920 | 2  |  |  |  |  |  |  |  |  |