GOLD FIELDS EXPLORATION PTY. LIMITED

418079

# DRILL CORE LOG AND ASSAY DATA

PROJECT: TYDNALL

HOLE NUMBER: RH. 17

Page: 2.

| INTERVAL From | INTERVAL To | RECOVERY m | RECOVERY % | DESCRIPTION |
|---|---|---|---|---|
| | | | | to pebble sized); flattened, dark green, chloritic fragments of |
| | | | | a similar size (strongly oriented and flattened); quartz crystals |
| | | | | and fragments (from 0.5cm down to a coarse sand size); white, |
| | | | | silicified, fine grained ovoid fragments, up to pebble size, |
| | | | | and soft, leached, sericitic, pale cream volcanic? fragments- |
| | | | | ovoid, up to small cobble sized (pumice?) Overall the unit is |
| | | | | leached and pitted, with a very pale colour. |
| | | | | At 16.2, brown limonite streaks appear in the rock. Associated |
| | | | | with this, a dark green chloritic streak also appears. |
| | | | | The rock could be a bedded deposit of some kind-now obscured |
| | | | | by the foliation at 65° CA. Possibly an, airfall ash or tuff. |
| | | | | |
| 20.1 | 22.8 | 1.4 | 52 | Dark grey, fine grained argillite-shale. This is abrupt contact |
| | | | | (fractured) with the unit above. A weak foliated, purplish argillite |
| | | | | intermixed with paler colour sedimentary fragments, elongated |
| | | | | and set in a purple argillite matrix. Green chlorite also occurs |
| | | | | with these breccia/conglomerates. The contacts between the two |
| | | | | are irrgeular-possibly this rock represents a very shallow water |
| | | | | fine-ashy sediment which has very small channel and scour-fill |
| | | | | structures (with clasts of pre-consolidated ash and rock). Overall |
| | | | | the rocks appear to be very weakly altered and consist of almost |
| | | | | 100% clays. Moderately-strongly fractured. |
| | | | | At 22.0, another abrupt change occurs, the argillite is pale |
| | | | | brown (due to limonite) - green (due to chlorite) and homogenous |
| | | | | |
| 22.8 | 40.5 | 10.6 | 60 | Pale green, sericitic volcaniclastics and sediments. Medium to |
| | | | | fine grained, moderately altered - possibly bedded (sub-aqueous?) |
| | | | | deposits. Many fine fragments of brown lithics (or pumice) occur, |
| | | | | as do fine chloritic grains. This is all set in structureless |
| | | | | sericitic matrix. The unit is very weakly foliated. The unit |
| | | | | is moderately to highly fractured and has numerous clay zones |
| | | | | with crumbly clay-rich rock fragments occuring. |
| | | | | At 34.7, a 10cm zone of fractured, sub angular quartz-chlorite |
| | | | | pebbles occur - a fractured and leached vein. |
| | | | | Between 36.5 and 40.5, a mixed sequence of fine sediments in- |

ASSAY DATA (p.p.m)

| Sample No. | From | To | Rec. % | Au | Cu | Pb | Zn | Ag |
|---|---|---|---|---|---|---|---|---|
| 128 27 | 20.0 | 21.0 | 100 | <0.01 | 10 | 50 | 280 | <1 |
| 128 28 | 21.0 | 22.0 | 100 | " | 20 | 50 | 180 | 1 |
| 128 29 | 22.0 | 23.0 | 100 | " | 45 | 220 | 210 | 1 |
| 128 30 | 23.0 | 24.0 | 100 | " | 50 | 140 | 350 | 1 |
| 128 31 | 24.0 | 25.0 | 100 | " | 55 | 270 | 880 | 1 |
| 128 32 | 25.0 | 26.0 | 100 | " | 510 | 490 | 870 | 2 |
| 128 33 | 26.0 | 27.0 | 100 | " | 30 | 140 | 510 | 1 |
| 128 34 | 27.0 | 28.0 | 100 | " | 50 | 130 | 500 | 1 |
| 128 35 | 28.0 | 29.0 | 100 | " | 60 | 120 | 500 | <1 |
| 128 36 | 29.0 | 30.0 | 100 | " | 75 | 60 | 270 | <1 |
| 128 37 | 30.0 | 31.0 | 100 | " | 15 | 40 | 270 | <1 |
| 128 38 | 31.0 | 32.0 | 100 | " | 10 | 10 | 270 | <1 |
| 128 39 | 32.0 | 33.0 | 100 | " | 10 | 20 | 340 | <1 |
| 128 40 | 33.0 | 34.0 | 100 | " | 15 | 30 | 430 | <1 |
| 128 41 | 34.0 | 35.0 | 100 | " | 15 | 30 | 400 | <1 |
| 128 42 | 35.0 | 36.0 | 100 | " | 25 | 50 | 390 | <1 |
| 128 43 | 36.0 | 37.0 | 100 | " | 25 | 80 | 490 | <1 |
| 128 44 | 37.0 | 38.0 | 100 | " | 65 | 80 | 300 | <1 |
| 128 45 | 38.0 | 39.0 | 100 | " | 25 | 10 | 100 | <1 |
| 128 46 | 39.0 | 40.0 | 100 | " | 45 | 60 | 150 | <1 |
| 128 47 | 40.0 | 41.0 | 100 | " | 10 | 20 | 790 | <1 |
| 128 48 | 41.0 | 42.0 | 100 | " | 20 | 20 | 520 | <1 |
| 128 49 | 42.0 | 43.0 | 100 | " | 10 | 30 | 390 | <1 |
| 128 50 | 43.0 | 44.0 | 100 | " | <10 | 50 | 420 | <1 |
| 128 51 | 44.0 | 45.0 | 100 | " | 20 | 50 | 360 | <1 |
| 128 52 | 45.0 | 46.0 | 100 | " | 15 | 320 | 130 | <1 |
| 128 53 | 46.0 | 47.0 | 100 | " | <10 | 410 | 90 | <1 |
| 128 54 | 47.0 | 48.0 | 100 | " | 20 | 630 | 90 | <1 |
| 128 55 | 48.0 | 49.0 | 100 | " | 15 | 20 | 70 | <1 |