GOLD FIELDS EXPLORATION PTY. LIMITED

418080

LV. PRESS

PROJECT: TYNDALL

# DRILL CORE LOG AND ASSAY DATA

HOLE NUMBER: RH. 17



| INTERVAL From | INTERVAL To | RECOVERY m | RECOVERY % | DESCRIPTION | ASSAY DATA Sample No. | From | To | Rec. % |
|---|---|---|---|---|---|---|---|---|
| | | | | cluding a zone of pale cream chert. This rock is hard compared with the previous sericitic rock. Other argillaceous sediments also occur. | | | | |
| 40.5 | 49.0 | 4.5 | 53 | Shear zone. Highly fractured and sheared volcaniclastics, rich in sericite and clays. Overall the core is reduced to small angular pebble sized fragments, but in places is little more than a clayey soil. Abundant chloritic fracture surfaces occur, the rock types present are difficult to distinguish due to the degree of disruption, however they are predominantly made up of the fine grained volcaniclastics and sediments that occur above. Towards the bottom of the zone, coarser grained, hard quartz-rich volcaniclastics more representative of the unit below occur. | | | | |
| | | | | 49.0-74.3 UNALTERED TO WEAKLY ALTERED SANDSTONES AND CONGLOMERATES RICH IN VOLCANIC DETRITUS. VERY WEAKLY HEMATITIC AT DEPTH. | | | | |
| 49.0 | 54.5 | 5.5 | 100 | Pale green-brownish coarse grained volcaniclastics. A gritty rock with abundant quartz fragments in a chloritic-siliceous? matrix. The quartz fragments/crystals range from a grit to a fine sand. A few flattened chloritic fragments also occur. Limonitic streaks give the rock its brown tinge. Overall the rock is weakly altered and moderately fractured. It is also weakly foliated. | | | | |
| 54.5 | 61.1 | 6.6 | 100 | Pale green-grey conglomerate with coarse grained gritty quartz, strongly sheared out chloritic fragments and pebbles, some weakly elongate with the prevailing foliation, of pink quartz rich sediment (quartzite?). Rare pyrite blebs occur. The rock is clast-rich and the matrix consists of quartz and pale green sericite. The largest fragments are only 2-3 cm across. The unit is very weakly fractured with poorly developed brown limonite on fracture surfaces. At 59.0, the limonite becomes rare, giving way to clay-sericite as the main fracture filling. This unit has gradual contacts above and below. | | | | |