GOLD FIELDS EXPLORATION PTY. LIMITED

418103

LV. PRESS

PROJECT: TYNDALL E.L. 9/66

# DRILL CORE LOG AND ASSAY DATA

HOLE NUMBER: HFZ 12



| INTERVAL From | INTERVAL To | RECOVERY m | RECOVERY % | DESCRIPTION | ASSAY DATA Sample No. | From | To | Rec. % |
|---|---|---|---|---|---|---|---|---|
| | | | | Schistosity : 25°/LCA @ 198.5m, 30°/LCA @ 220m. | | | | |
| | | | | Below 209m qtz ± chlor ± carb veins up to 70mm. | | | | |
| | | | | 4mm vein of py @ 206.6m, otherwise none. | | | | |
| | | | | BASIC DYKES: 214.15-216.7m (upper 20°/LCA, lower 50°/LCA, trace | | | | |
| | | | | py, non-mag); 217.4-217.8m (40°/LCA), 219.5-219.9m (40° & 30°, minor | | | | |
| | | | | py & cp). | | | | |
| | | | | | | | | |
| 25.05 | 259.6 | 34.55 | 100 | BASIC DYKE OR SILL | | | | |
| | | | | Green, fi-med gr. Some variations in grain size-multiple intrus- | | | | |
| | | | | ion? | | | | |
| | | | | Creamy zeolite? aggregates to 10mm. In places there are pink feld | | | | |
| | | | | phenos 2-3mm of the same type as in the felsic volcanic-these assoc | | | | |
| | | | | with weak patches of pink 'pot' alt (ie: 2° k-feld and/or albit- | | | | |
| | | | | isation). | | | | |
| | | | | Mod-carb. weak-mod chlor. weak epi. | | | | |
| | | | | Persistent minor cp py. Trace hem. Non-magnetic. Minor gn-sp- | | | | |
| | | | | cp assoc with carb in shear 50°/LCA@258.7-258.9m. | | | | |
| | | | | Upper contact irreg 40°/LCA, lower 35°/LCA. | | | | |
| | | | | | | | | |
| 59.6 | 268.9 | 8.35 | 90 | MIXED BROKEN ZONE - FELSIC VOLCANIC INTRUDED BY BASIC DYKES | | | | |
| | | | | Rock types and alteration as before. | | | | |
| | | | | Broken up by series of strong shears and joint set parallel to LCA. | | | | |
| | | | | Strongest shears: 55°/LCA @ 261.4m, 35°/LCA @ 261.75m, 262.2m, | | | | |
| | | | | 264m, 25°/LCA @ 265.9m. | | | | |
| | | | | Schistosity v. strong in both rock types - produces prominent | | | | |
| | | | | banding. (Deformation much stronger than before). | | | | |
| | | | | Trace py-mainly in dykes. | | | | |
| | | | | BASIC DYKES: 262.3-263.4, 266.35-266.5m (35°/LCA), 267.65-268m | | | | |
| | | | | (65° & 40°/LCA). | | | | |
| | | | | | | | | |
| 68.9 | 288.45 | 19.55 | 100 | BASIC DYKE OR SILL | | | | |
| | | | | As before. Changes in grain size above 278m suggest multiple | | | | |
| | | | | intrusion . | | | | |
| | | | | Mod chlor-epi-carb alt. Weak silif ± pot alt in places to 271m. | | | | |
| | | | | Numerous thin veins of qtz-carb-chlor±hem. | | | | |