GOLD FIELDS EXPLORATION PTY. LIMITED

LV. PRESS

PROJECT: RED HILLS, TYNDALL E.L. 9/66

# DRILL CORE LOG AND ASSAY DATA

HOLE NUMBER: RH 16



| INTERVAL From | INTERVAL To | RECOVERY m | RECOVERY % | DESCRIPTION | Sample No. | From | To | Rec. % | Au | Cu | Pb | Zn | Ag | Ba |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ASSAY DATA (p.p.m.) | | | | | | | | | |
| 192.8 | 197 | 3.6 | 86 | VOLCANICLASTIC SEDIMENTARY BRECCIA | | | | | | | | | | |
| | | | | Light fawny grey. Upper contact bedding 30°/LCA. | | | | | | | | | | |
| | | | | Patchy silif, mod ser, weak carb. | | | | | | | | | | |
| | | | | Small disrupted lenses and frags of grey tuff-shale, clasts of | | | | | | | | | | |
| | | | | lithic fi gr volcanics up to 70mm, av <20mm. Some bedded carb. | | | | | | | | | | |
| | | | | Bedding irreg and disrupted. 40°/LCA @ 195.75m. | | | | | | | | | | |
| | | | | Minor dissem py, sp, gn. | | | | | | | | | | |
| | | | | Basal contact broken up by shears 196.1-197m. | | | | | | | | | | |
| 197 | 215 | 16.85 | 94 | SILICEOUS COARSE VOLCANICLASTIC BRECCIA | 12350 | 197 | 199 | | 0.84 | 370 | 710 | 16000 | 1 | 1820 |
| | | | | Grey, hard. | 12351 | 199 | 201 | | <0.01 | 30 | 330 | 1190 | 0 | 1890 |
| | | | | Strong silif, mod ser, mod carb. | 12352 | 201 | 203 | | 0.50 | 215 | 970 | 9700 | 0 | 2560 |
| | | | | Angular to subrounded blocks of grey 'chert' up to 200mm, av 50mm. | 12353 | 203 | 206 | | 0.45 | 380 | 2810 | 8500 | 0 | 2180 |
| | | | | Many of the larger blocks have cream-coloured interiors with | 12354 | 206 | 208 | | 0.15 | 230 | 2700 | 7300 | 2 | 2700 |
| | | | | grey rims. Clasts are matrix-supported. | 12355 | 208 | 210 | | 0.16 | 115 | 1020 | 4720 | 1 | 1940 |
| | | | | Matrix light green, silif and ser, with abundant small frags | 12356 | 210 | 212 | | 0.37 | 145 | 2720 | 9000 | 1 | 2280 |
| | | | | of 'chert', lithic fi gr volcs and pumice. | 12357 | 212 | 214 | | 0.45 | 385 | 3540 | 6030 | 6 | 2310 |
| | | | | Possible bedding 50°/LCA @ 205.5m, 45°/LCA @ 209.7m. | 12358 | 214 | 216 | | <0.01 | 20 | 90 | 6100 | 0 | 2330 |
| | | | | Small spots (1-2mm) of carb in the 'chert', prob after feld xyls. | 12359 | 216 | 218 | | <0.01 | 25 | 210 | 1500 | 0 | 1520 |
| | | | | These, plus differentially-silif rims and interiors of 'chert' | 12360 | 218 | 220 | | <0.01 | 15 | 160 | 1500 | 0 | 1000 |
| | | | | clasts suggests chertiness is prob replacement of volc clasts | 12361 | 220 | 222 | | <0.01 | 30 | 450 | 2040 | 2 | 940 |
| | | | | and matrix by 2° silica. | 12362 | 222 | 224 | | <0.01 | 35 | 640 | 730 | 2 | 1380 |
| | | | | Sulphides in both matrix and clasts-patchy dissem sp-gn-py- | 12363 | 224 | 226 | | <0.01 | 20 | 230 | 4200 | 0 | 1140 |
| | | | | cp, some in vein-like sweat outs. Some ultra fi gr py within | 12364 | 226 | 228 | | 0.04 | 120 | 480 | 2170 | 1 | 1280 |
| | | | | 'chert' blocks-often arranged in bands. | 12365 | 228 | 230 | | <0.01 | 55 | 560 | 1560 | 1 | 990 |
| | | | | Sulphides best in most-silif zones esp 203-214m where locally | 12366 | 230 | 232 | | <0.01 | 30 | 220 | 730 | 0 | 980 |
| | | | | up to 5-7% sp-gn over 1m. Predom py below 214m. Overall 5-10% | 12367 | 232 | 232.20 | | 6.93 | 4,730 | 33,000 | 2,500 | 200 | <200 |
| | | | | sulphides. | 12368 | 232.20 | 233.70 | | 0.04 | 75 | 3,000 | 3,000 | 32 | 850 |
| | | | | Transitional change around 215m. | 12369 | 233.70 | 235.20 | | <0.01 | 50 | 240 | 240 | <1 | 1720 |
| 215 | 231.8 | 16.8 | 100 | VOLCANICLASTIC SEDIMENTARY BRECCIA | | | | | | | | | | |
| | | | | Creamy grey. | | | | | | | | | | |
| | | | | Angular clasts of variable volcanics up to 40mm, av <10mm, in | | | | | | | | | | |
| | | | | sandy matrix. Clasts becoming sub-rounded and finer below 225m | | | | | | | | | | |
| | | | | with evidence of reworking. | | | | | | | | | | |