311161

Hole No: TCD8
Prospect: Thomas Creek
Section: 369600mE
Co-ordinates: 369600 mE 5925 mN ~220 mRL
Azimuth: 180 °G 167 °M Inclination -45°
EOH: 94.5m
Logged by: Robert Reid
Date commenced: 25/6/96 Date completed: 29/6/96

0.00-27.90m
Light green feldspar-augite-porphyritic Diorite(phenocryst crowded). Sericite veined (2%). Pyrite is variable from 1 to locally 15%, but averages 2%. sil(w), ser(w/m). Alteration may represent phyllic alteration at the margin of a porphyry system.
Minor Intervals
16.80-16.95m sil(m), py(15%)
23.50-27.90m as above with ch(w)
27.90-34.40m as above, tour-sil-ep+/-py veined (2%)

34.40-40.50m
Weakly altered light green feldspar-augite- porphyritic Diorite(phenocryst crowded). Displays weak chlorite alteration of augite phenocrysts and isolated pervasively silicified zones (15%).

40.50-55.80m
Light green feldspar-augite-porphyritic Diorite(phenocryst crowded). Displays weak pervasive silicification and sericitisation with mag(vw) and tour-ks-sil-ep(w)-ser+/-py+/-cpy(tr overall) veining (1%). Weak chlorite is evident in the basal few metres.

55.80-85.50m
Light green and dark grey mixed zone of feldspar-augite-porphyritic Diorite (phenocryst crowded) and pervasive magnetite alteration/augite-phyric andesitic intrusives(?). ep(w) as late veins. Strong pervasive magnetite alteration extends to 65m with patchy magnetite alteration beyond this point. Magnetite also exists as pseudomorphs of augite phenocrysts in the latter zone. Overall py(1-2%), cpy(tr-0.5%). This zone is similar to, but weaker than the best mineralised intervals within TCD 1&2.
Minor Intervals
66.00-67.00m py(4-6%), cpy(0.5-1.0%)
71.00-74.50m ks(w), sil(w/m), mag(m), py(<0.5%)

85.50-94.5m
Pink/light green feldspar-augite-porphyritic Diorite(phenocryst crowded). Potassic alteration zone with ks(w/m), sil(m) and mag(w to locally m). py (variable, 0.5-2%), cpy(tr).

EOH @ 94.5m