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MAKAO DEVELOPMENT CO. LTD. 1956
by P.C. Bodley

- 1 DIORITE, medium greenish grey to dark grey, dominantly fine crystalline, relatively unaltered, partially chloritized, contains some disseminated magnetite.
- 2 DIORITE, dark greenish grey to greenish black, highly fractured, numerous red feldspars (probably mainly orthoclase) veinlets, also epidote and calcite seams and replacements, considerable disseminated chalcocite usually, with occasional chalcocite seams, abundant magnetite gangues; the rock is relatively unaltered.
- 3 DIORITE, intermediate between 1 & 2.
- 4 DIORITE, highly fractured and brecciated with numerous vug holes; often contains disseminated chalcocite. The rock is normally high in malachite, and is soft and weathered. This rock is interpreted as the oxidized phase of 2. The rock normally has numerous red feldspar veinlets, also epidote and calcite are abundant.
- 5 DIORITE, light grey to medium grey, occasionally very light grey; the rock has been partially albitized and original structures have been "digested". The rock is occasionally cut by red feldspar veinlets. The rock contains little if any magnetite and very little chlorite, and only occasional chalcocite mineralization.
- 6 DIORITE, medium grey, fine to medium crystalline, slightly albitized. Is intermediate between 1 & 5.
- 7 DIORITE, with abundant disseminated chalcocite and occasional chalcocite veinlets. Is usually of ore grade.
- 8 DIORITE, with scattered and occasional disseminated chalcocite mineralization, very few chalcocite veinlets. Is normally of sub-ore grade. Often represents the oxidized equivalent of 7.

