

DESCRIPTION OF PLATE III.

- FIG. 1. Diabase from Grenville, lot 9, range IV, showing augite plagioclase, magnetite and viridite (magnified 28 diameters).
- FIG. 2. Dolerite (Feldspar Basalt) from River St. Simon, showing augite, plagioclase, magnetite and a little viridite. The cruciform group in the right hand upper corner is plagioclase. (x 78).
- FIG. 3. Dolerite from River Gagnon, showing augite (a twin on the left) plagioclase and magnetite. (x 14).
- FIG. 4. Diorite from Madoc, Ontario, showing bluish-green hornblende, plagioclase, magnetite, and pyrite (the square crystal in the lower right hand corner). (x 78).
- FIG. 5. Apatite in rock from Grenville, lot 4, range VI. The portion of the drawing shaded black, excepting the spots in the apatite crystals, consists of magnetite and pyrite, chiefly the latter. (x 78)
- FIG. 6. (a). Cross section of apatite crystal with numerous cavities a few of which show bubbles, and are perhaps liquid cavities. (b). Cross section of apatite crystal, showing the black bodies referred to in the text. (c). Longitudinal section of rounded apatite crystal with black bodies similar to those in b. (All x 78.)