



EXPLANATION

- Old workings on red hematite ore
- * Prospects and former mines on pyrite and pyrrhotite veins in chloritized gneiss
- ⊗ Old workings on red hematite ores associated with iron sulfide veins
- Pyritic sphalerite deposits in silicated marble
- Magnetite deposits in skarn and in sheets of contaminated, commonly sillimanitic granite gneiss intercalated in metasediments. (Locally, symbol represents bands of moderate or intense magnetic anomaly indicative of unexplored magnetite deposits.)

- Ps Cover of flat-lying Paleozoic sediments
- g Granite and granite gneiss
- sq Green pyroxene syenite and quartz syenite gneisses, and coarse pink phacoidal hornblende granite gneiss
- an Anorthosite
- ms Metasediments of the Grenville series with associated intrusive masses and sheets of granite gneiss

- - - Contact between Paleozoic sediments and pre-Cambrian rocks
- Boundary between northwest area in which metasediments are predominant and southeast area in which igneous gneisses are predominant
- + Quadrangle corners

FIG. 2. SKETCH MAP SHOWING GEOLOGIC RELATIONSHIPS OF IRON CONCENTRATIONS IN ST. LAWRENCE COUNTY, N. Y.