EXPLORATION ADIT 1, PICO DE ITABIRITO, ITABIRITO QUADRANGLE, MINAS GERAIS, BRAZIL

This map is schematic. The adit is shown as straight, regular, and smooth; the geological interpretation of exposed structures and stratigraphy is intended away from the adit walls.

EXPLANATION OF ANALYSES

All information on samples taken in the main adit is from the sampling of the ore from the Rio Tinto Mine, conducted Sept. 10, 1958. No data is available on methods of sampling. Some observations about the extent of the field work of the main adit is incorporated as the chemical analyses are somewhat unsatisfactory for the areas shown in the map. Probable analyses represent average values.

Approximate averages for the most common and residual elements are shown in the map:

- **Hg**: 0.01 percent
- **Au**: 0.30 percent
- **Ag**: 2.00 percent
- **Pb**: 0.05 percent
- **Zn**: 0.15 percent

Method of sampling and location of samples not noted by LCCPMS

EXPLANATION

- **Fault,** showing attitude
- **Strike and dip of beds**
- **Strike and dip of beds in hard rock**
- **Strike and dip of fractures**
- **Strike and dip of veins**
- **Strike and dip of shear zones**
- **Strike and dip of faults**
- **Strike and dip of alteration zones**

Survey and chemical assaying of main adit by Dr. J. A. de la Hey Mining Co.

Chemical assays of samples by LCCPMS