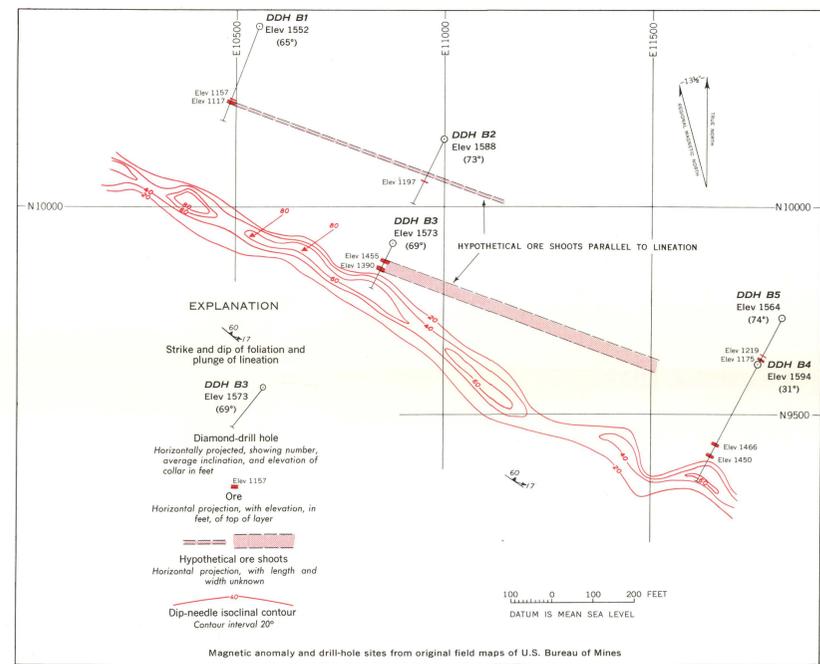


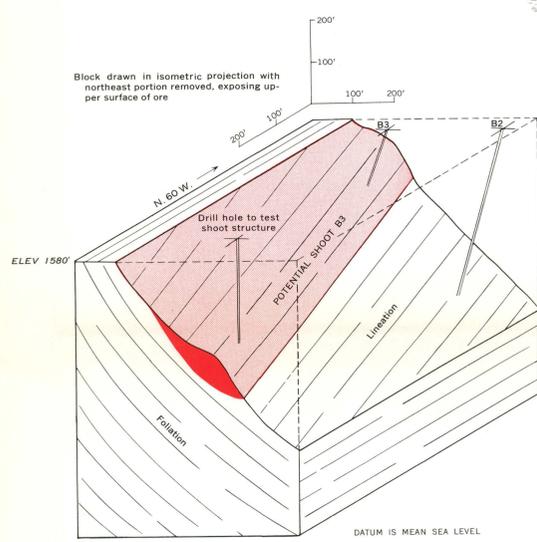
EXPLANATION

- |      |  |      |  |
|------|--|------|--|
| ga   | Alaskite<br>Locally garnetiferous  | g    | Granite, undivided   |
| ghgn | Hornblende granite gneiss<br>Possibly a variety of contaminated alkalis  | ms   | Metasedimentary rocks, undivided<br>Locally includes some amphibolite, as well as thin sheets of granite |
| msk  | Skarn<br>Locally ore-bearing, dominantly pyroxenic. Locally includes subordinate limestone, gneiss, and contaminated granite | msq  | Migmatitic biotite gneiss  |
| msb  | Skarn zone<br>Includes some limestone, gneiss, and contaminated granite  | msqf | Quartzite and quartz-feldspar granulite  |
| msq  | Felsic gneisses<br>Locally includes some contaminated granite  |      |  |
- 
- |     |   |
|-----|---|
| --- | Concealed contact<br>Queried where form, position, or existence is questionable (horizontal projection of its subcrop)          |
| --- | Inferred fault, based on drilling data  |
| ↘   | Strike and dip of foliation   |
| ↘   | Strike of vertical foliation  |
| ↘   | Strike and dip of foliation and plunge of lineation   |
| ↘   | Strike and dip of foliation, showing horizontal lineation   |
| ↘   | Strike of vertical foliation, showing plunge of lineation   |
| ~   | Dip-needle isoclinal contour<br>Contour interval 20°  |
| ▲   | Peak of magnetic anomaly  |
| ○   | Diamond-drill hole<br>Horizontally projected, showing number, elevation of collar where known, in feet, and average inclination |
| ■   | Swamp<br>Noted only where important for interpretation of geologic structure  |

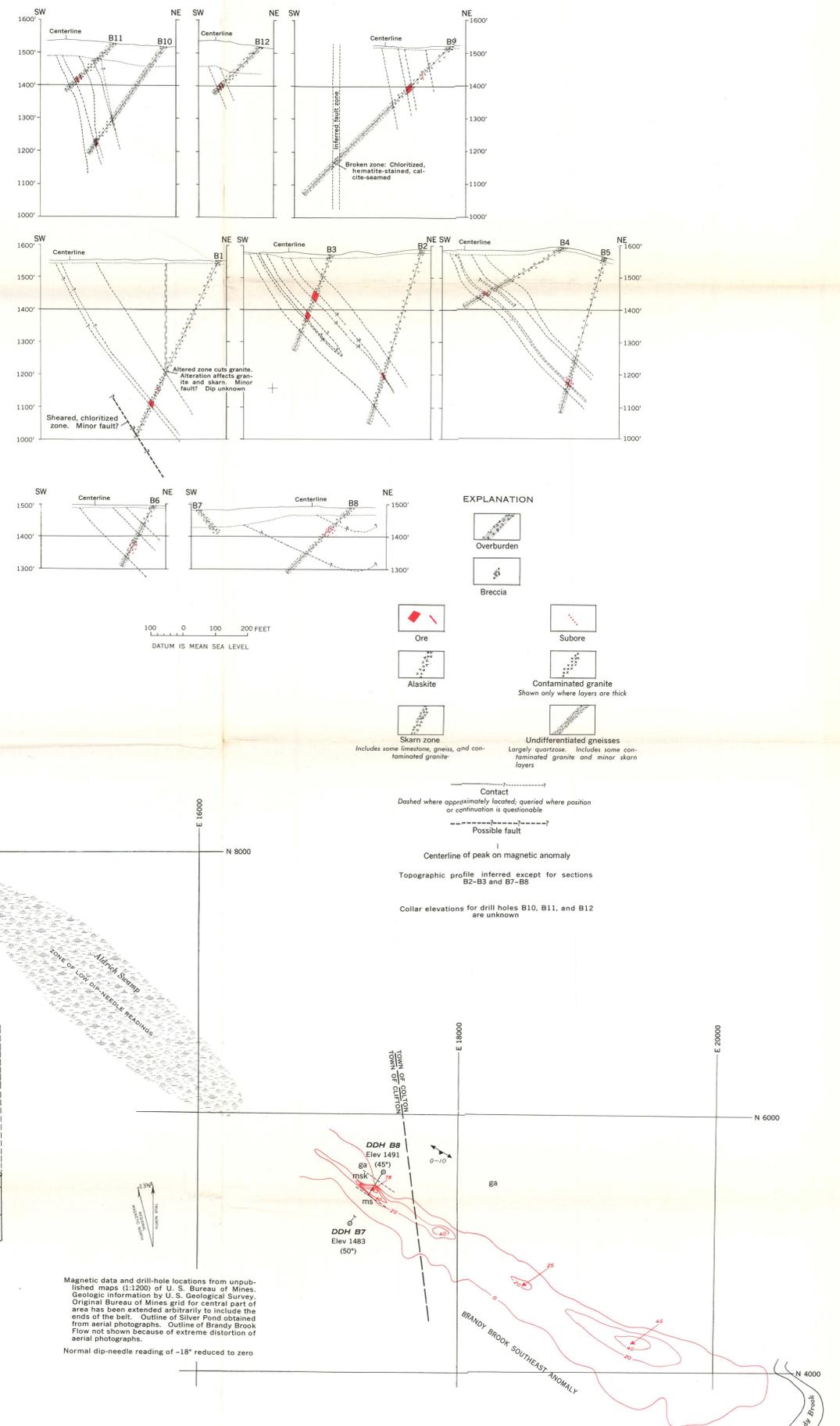


EXPLANATION

- |     |  |
|-----|--|
| ↘   | Strike and dip of foliation and plunge of lineation  |
| ○   | Diamond-drill hole<br>Horizontally projected, showing number, average inclination, and elevation of collar in feet |
| ■   | Ore<br>Horizontal projection, with elevation, in feet, of top of layer   |
| --- | Hypothetical ore shoots<br>Horizontal projection, with length and width unknown                                    |
| ~   | Dip-needle isoclinal contour<br>Contour interval 20°   |
- Magnetic anomaly and drill-hole sites from original field maps of U.S. Bureau of Mines



Block drawn in isometric projection with northeast portion removed, exposing upper surface of ore



EXPLANATION

- |     |   |     |   |
|-----|---|-----|---|
| ■   | Overburden  | ■   | Breccia   |
| ■   | Ore   | ■   | Subore  |
| ■   | Alaskite  | ■   | Contaminated granite<br>Shown only where layers are thick   |
| ■   | Skarn zone<br>Includes some limestone, gneiss, and contaminated granite                               | ■   | Undifferentiated gneisses<br>Largely quartzose. Includes some contaminated granite and minor skarn layers |
| --- | Contact<br>Dashed where approximately located, queried where position or continuation is questionable | --- | Possible fault  |
| --- | Centerline of peak on magnetic anomaly  |     |   |
| --- | Topographic profile inferred except for sections B2-B3 and B7-B8                                      |     |   |
| --- | Collar elevations for drill holes B10, B11, and B12 are unknown                                       |     |   |

BEDROCK GEOLOGIC AND MAGNETIC MAP, GEOLOGIC SECTIONS, HYPOTHETICAL ORE SHOOTS, AND BLOCK DIAGRAM  
BRANDY BROOK AND SILVER POND BELTS, ST. LAWRENCE COUNTY, NEW YORK