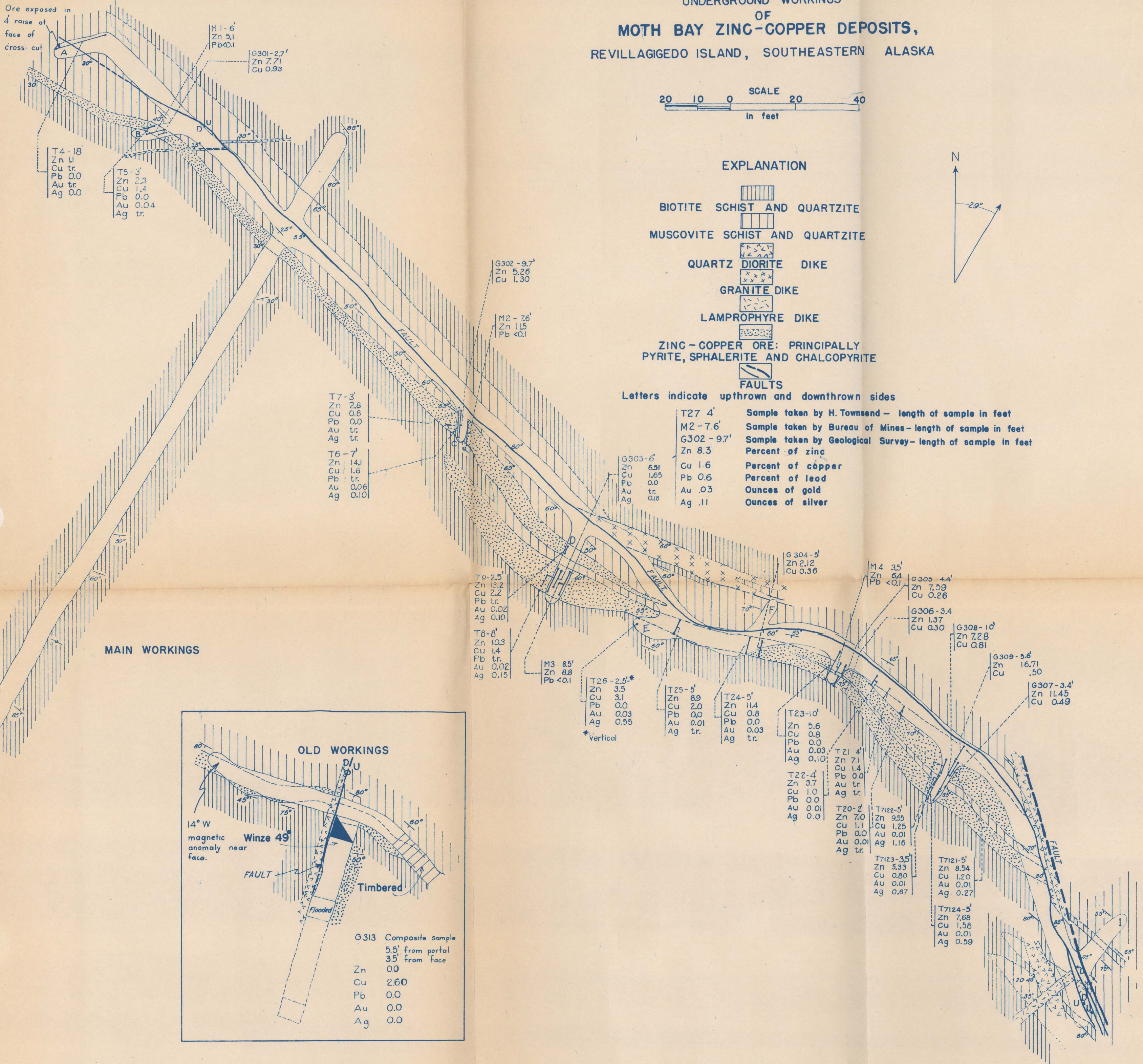


FIGURE 3  
UNDERGROUND WORKINGS  
OF  
MOTH BAY ZINC-COPPER DEPOSITS,  
REVILLAGIGEDO ISLAND, SOUTHEASTERN ALASKA



EXPLANATION

- BIOTITE SCHIST AND QUARTZITE
- MUSCOVITE SCHIST AND QUARTZITE
- QUARTZ DIORITE DIKE
- GRANITE DIKE
- LAMPROPHYRE DIKE
- ZINC-COPPER ORE: PRINCIPALLY PYRITE, SPHALERITE AND CHALCOPYRITE
- FAULTS

Letters indicate upthrown and downthrown sides

- |             |  |
|-------------|--|
| T27 4'      | Sample taken by H. Townsend - length of sample in feet       |
| M2 - 7.6'   | Sample taken by Bureau of Mines - length of sample in feet   |
| G302 - 9.7' | Sample taken by Geological Survey - length of sample in feet |
| Zn 8.3      | Percent of zinc  |
| Cu 1.6      | Percent of copper  |
| Pb 0.6      | Percent of lead  |
| Au .03      | Ounces of gold   |
| Ag .11      | Ounces of silver   |

T7-3'  
Zn 2.8  
Cu 0.8  
Pb 0.0  
Au tr.  
Ag tr.

G302-9.7'  
Zn 5.26  
Cu 1.30

M2-7.6'  
Zn 11.5  
Pb <0.1

G303-6'  
Zn 6.51  
Cu 1.65  
Pb 0.0  
Au tr.  
Ag 0.18

G304-5'  
Zn 2.12  
Cu 0.36

M4 3.5'  
Zn 6.4  
Pb <0.1

G305-4.4'  
Zn 7.59  
Cu 0.26

G306-3.4'  
Zn 1.37  
Cu 0.30

G308-10'  
Zn 7.28  
Cu 0.81

G309-5.6'  
Zn 16.71  
Cu .50

G307-3.4'  
Zn 11.45  
Cu 0.49

T9-2.5'  
Zn 13.2  
Cu 2.2  
Pb tr.  
Au 0.02  
Ag 0.10

T8-8'  
Zn 10.3  
Cu 1.4  
Pb tr.  
Au 0.02  
Ag 0.15

M3 8.5'  
Zn 8.8  
Pb <0.1

T26-2.5\*  
Zn 3.5  
Cu 3.1  
Pb 0.0  
Au 0.03  
Ag 0.55

T25-5'  
Zn 8.9  
Cu 2.0  
Pb 0.0  
Au 0.01  
Ag tr.

T24-5'  
Zn 11.4  
Cu 0.8  
Pb 0.0  
Au 0.03  
Ag tr.

T23-10'  
Zn 5.6  
Cu 0.8  
Pb 0.0  
Au 0.03  
Ag 0.10

T22-4'  
Zn 3.7  
Cu 1.0  
Pb 0.0  
Au 0.01  
Ag 0.0

T21 4'  
Zn 7.1  
Cu 1.4  
Pb 0.0  
Au tr.  
Ag tr.

T20-2'  
Zn 7.0  
Cu 1.1  
Pb 0.0  
Au 0.01  
Ag tr.

T7122-5'  
Zn 9.55  
Cu 1.25  
Au 0.01  
Ag 1.16

T7123-3.5'  
Zn 5.33  
Cu 0.80  
Au 0.01  
Ag 0.87

T7121-5'  
Zn 8.54  
Cu 1.20  
Au 0.01  
Ag 0.27

T7124-5'  
Zn 7.68  
Cu 1.58  
Au 0.01  
Ag 0.59

