MAP SHOWING DISTRIBUTION OF ANTIMONY, BISMUTH, AND SILVER IN RESIDUAL SOIL OVER THE DEFIANCE-BERNON WORKINGS OF THE DARWIN MINE, INYO COUNTY, CALIFORNIA

EXPLANATION

- Kqm_1 — Biotite-hornblende quartz monzonite — CRETACEOUS(?)
- PPk — Keeler Canyon formation — *Calc-silicate rock* — PENNSYLVANIAN AND PERMIAN
- Contact
- Fault, showing dip — *Dashed where approximately located*
- Thrust fault — *Saw teeth on upper plate*
- Vein, showing dip
- Disseminated ore minerals
- 50 — Bismuth in parts per million
- nd, nd, 60 — Soil sample — *Silver, antimony, and bismuth in parts per million. Where underlined, silver is in ounces per ton nd, not determined*
- Stope at surface
- Opencut
- Shaft
- Portal of adit
- Dump

THOMPSON ADIT

COPPER FAULT

BERNON FAULT

DAVIS THRUST FAULT

DEFIANCE FAULT

DEFIANCE WORKINGS

TO CAMP DARWIN

APPROXIMATE MEAN DECLINATION, 1961

TRUE NORTH — MAGNETIC NORTH — 16½°

100 0 100 200 300 FEET

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—10212 Geology by W. E. Hall, 1954