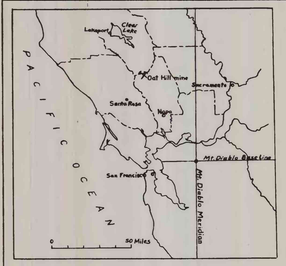
55-45
55-45
U. S. GEOLOGICAL SURVEY



INDEX MAP SHOWING LOCATION OF OAT HILL MINE

U. S. Geological Survey
OPEN FILE REPORT
This map or illustration is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

GEOLOGIC MAP OF PART OF THE OAT HILL MINE

MAYACMAS DISTRICT, CALIFORNIA

100 0 100 200 300 400 500
FEET
DATUM MEAN SEA LEVEL CONTOUR INTERVAL 20 FEET

EXPLANATION

- Franciscan (?) sandstone and shale
- Fault
- Fault not accurately located
- Hypothetical fault
- No.1 Level 1975 to 2000 feet above sea level
- No.1B Level 1895 to 1905 feet above sea level
- No.2 Level 1812 to 1835 feet above sea level
- No.2C Level 1775 to 1790 feet above sea level
- No.3 Level 1655 to 1675 feet above sea level
- No.5 Level about 1470 feet above sea level
- Raise or winze head foot
- Miscellaneous adits
- K 2220.9 Transit triangulation station
- 14 Bureau of Mines diamond drill hole. No.1 is −70°, Nos. 2–28 are vertical.

All underground workings shown are inaccessible except the No.1 level in the Mercury fault footwall and the 2062-level adit.

Geology by Philip F. Fix.
Transit triangulation by Lowell S. Hilpert and G. Donald Eberlein.
Topography by Philip F. Fix, Lowell S. Hilpert, C. Melvin Swinney and G. Donald Eberlein.

INDEX MAP

SHOWING RELATION OF AREAS SAMPLED BY DIAMOND DRILL TO HUMBOLDT AND OSCEOLA VEINS, BASALT BUTTE, AND POSSIBLE UNEXPLORED GROUND NOT KNOWN TO CONTAIN MINERAL DEPOSITS.(N.W. OF MINE)

Compiled from an old map showing part of the underground workings, and aerial photographs not corrected for distortion

Scale of feet
400 0 400

- No.1 Level
- No.1B Level
- No.2 Level
- No.2C Level
- No.3 Level
- No.5 Level
- Drill holes
- Fault and vein

SECTION K

SW — NE

LEVEL 1900 / No. 1B / 2 / 1800 / 3 / 1700 / 5 / 1600 / 1500 / 1400

Sandstone and shale

Mercury vein (approximate, may have several branches)

Mercanita vein

SECTION B

SW — NE

LEVEL 2100 feet / 2000 / No. 1 / 1900 / 1B / 2 / 1800 / 2C / 1700 / 3

Sandstone and shale

Osceola vein

Eureka vein

Echo Hazel vein