

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAPS

PLATE 3. GEOLOGIC MAP OF STEBINITE, STELLA AND PART OF MAMMOTH CLAIMS,
ANTIMONY CANYON, UTAH.

By F. M. Byers, D.C. Lurcan and W. H. Myers

U. S. GEOLOGICAL SURVEY

EXPLANATION

	Alluvium.		Contact
	Talus.		Local strike and dip of beds
	Debris mantle, in part volcanic boulders; in part, landslide, in part, slope wash.		General strike and dip of beds
	Shale and thin-bedded sandstone.		Strike of closely-spaced vertical joints.
	Massive thick-bedded sandstone contains most of the antimony ore.		Axis of syncline.
	Thin-bedded sandstone		Fault U, up throw D, down throw (approximately located)
	Boulder conglomerate.		Open cut
	Outcrop of ore (stibnite and antimony oxide veinlets, lenses and blebs sparsely scattered in massive sandstone).		Underground working
			Mine dump.
			Location of U. S. Bureau of Mines sample trench.
			Location of U. S. Bureau of Mines sample face.

Surveyed in 1941

Contour interval 20 feet
Datum approximately sea level

