

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.

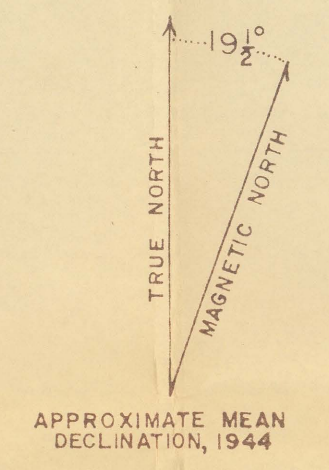
- EXPLANATION
- Unconsolidated deposits, basalt, and Tuscan formation, undifferentiated
 - Quartz vein
 - Approximate maximum outline of area underlain at depth by stopes or known sulfide deposits
 - Skarn (Mixture of lime silicate minerals and, in most places, some magnetite. At the Shasta Iron Mine magnetite is the predominant mineral)
 - Quartz diorite, diorite, granodiorite, metadiabase, dacite porphyry, and apite, undifferentiated
 - Pit River stock
 - Bully Hill rhyolite, undifferentiated
 - McCloud limestone

Note: Uncolored areas are underlain by Hosselkus limestone, Pit formation, Dekkas andesite, Nasoni formation, Baird formation, Bragdon formation, Kennett formation, Balaklava rhyolite, and Copley greenstone, undifferentiated

- Contact
- Fault, showing dip (dashed where approximately located)
- Vertical fault, dashed where approximately located
- Concealed fault
- Doubtful or probable fault
- Outline of area mapped in detail
- Adit
- Prospect pit or trench
- DB81
- Sample of limonite analysed by geochemical methods
- Outline of area geologically most favorable for prospecting for hidden sulfide deposits

Copper (Cu), zinc (Zn), and lead (Pb) in parts per million (PPM) in samples of limonite collected from the eastern part of the map area. Sample locations are shown on map. Samples analysed by geochemical methods in laboratory. H.E. Hawkes, Analyst.

Sample no.	Field description	Cu PPM	Zn PPM	Pb PPM
D922	Transported limonite	450	270	0
D891	Limonite	130	220	0
E 478	Limonite gossan	80	90	0
D920	Limonite	50	270	0
C 852	Limonite	70	270	0
B 686	Limonite gossan	3600	360	70
B 691	Limonite gossan	1350	180	0
B 606	Limonite	80	90	0
E 40	Limonite gossan	180	90	0
C 898	Limonite	30	90	0
D 608	Transported limonite	150	140	0
D 611	Transported limonite	310	360	0
I 113	Limonite gossan	5400	4500	40000
G1	Limonite	50	70	0
G2	Limonite	360	130	40
G3	Limonite	70	70	40
G4	Limonite	1350	230	20
D 413	Limonite	1350	670	70



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.

THIS MAP IS PRELIMINARY AND
HAS NOT BEEN EDITED OR REVIEWED
FOR CONFORMITY WITH U.S.
GEOLOGICAL SURVEY STANDARDS
AND NOMENCLATURE.

MAP OF EAST SHASTA COPPER-ZINC DISTRICT SHOWING THE LOCATION OF MINES AND PROSPECTS AND THE DISTRIBUTION OF MINERALIZED ROCK IN RELATION TO FAULTS, INTRUSIVE BODIES, AND FAVORABLE ROCK FORMATIONS

