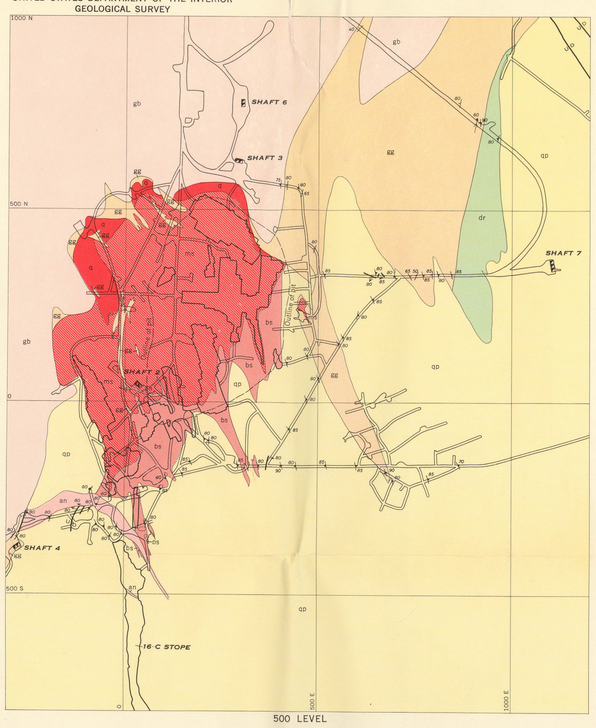
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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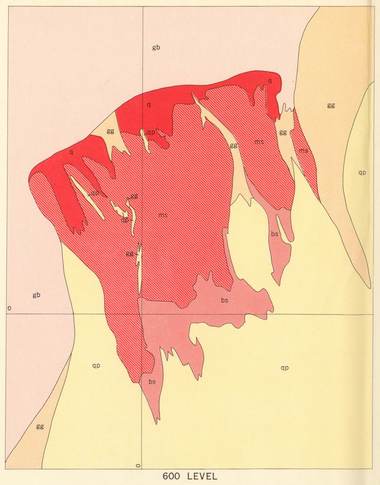

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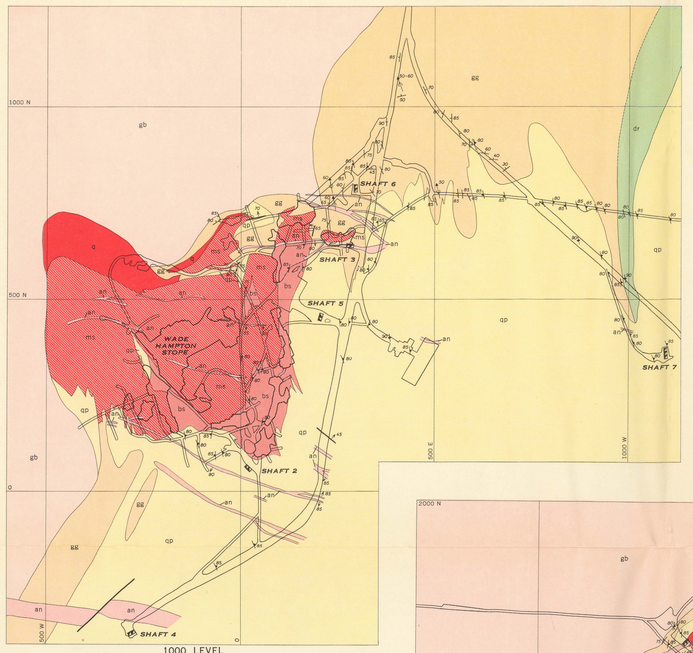

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EXPLANATION

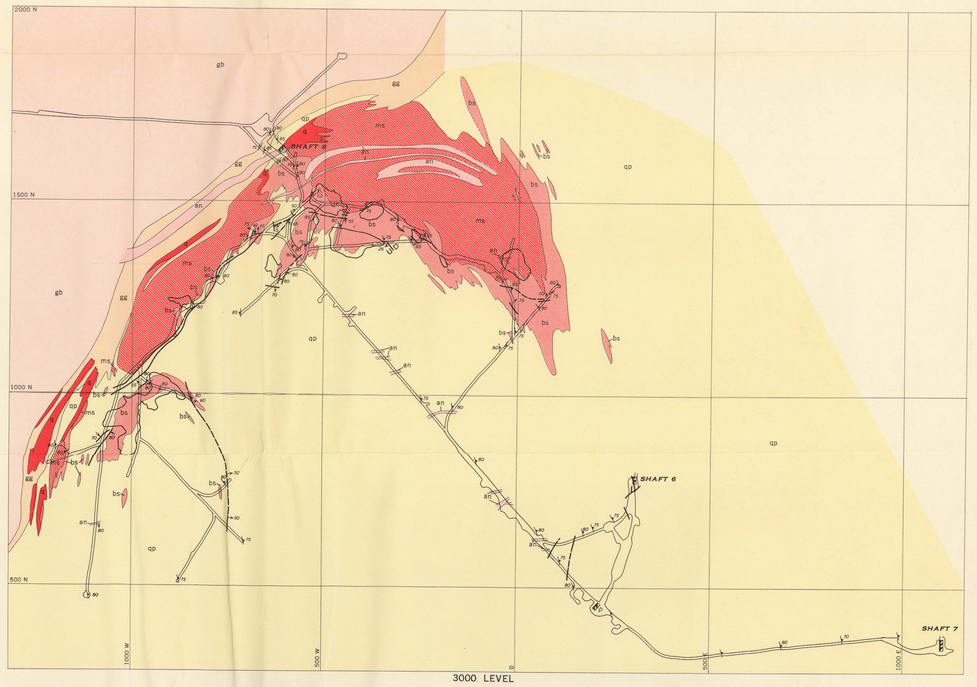
- an — Andesite dikes
- gb — Gabbro
- qpc, qp — Quartz porphyry *Chloritized quartz porphyry, qpc*
- gg — Grapevine Gulch formation (Ash Creek group)
- dr — Deception rhyolite

OLDER PRECAMBRIAN

PRODUCTS OF ALTERATION AND METALLIZATION

- bs — Black schist
- ms — Massive sulfide
- q — Quartz
- Contact, showing dip *Dashed where approximately located*
- Fault, showing dip *Dashed where approximately located* U, upthrown side; D, downthrown side

- Strike and dip of beds
- Strike of vertical beds
- Strike and dip of foliation
- Strike of vertical foliation
- Plunge of minor anticline
- Plunge of minor syncline
- Shaft
- Stope



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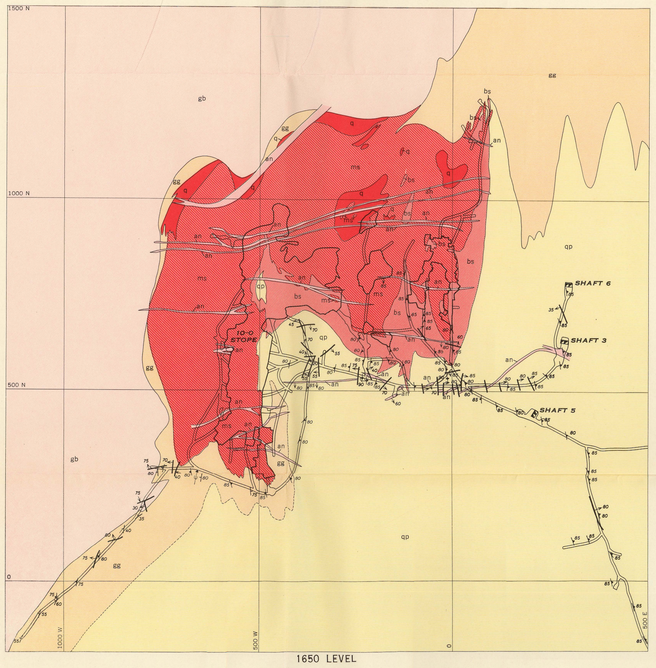

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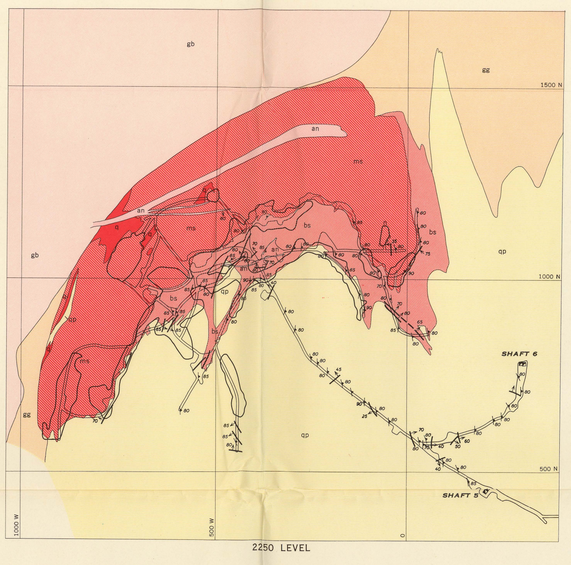

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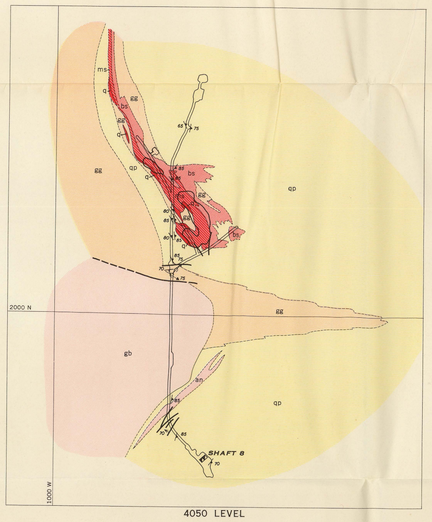

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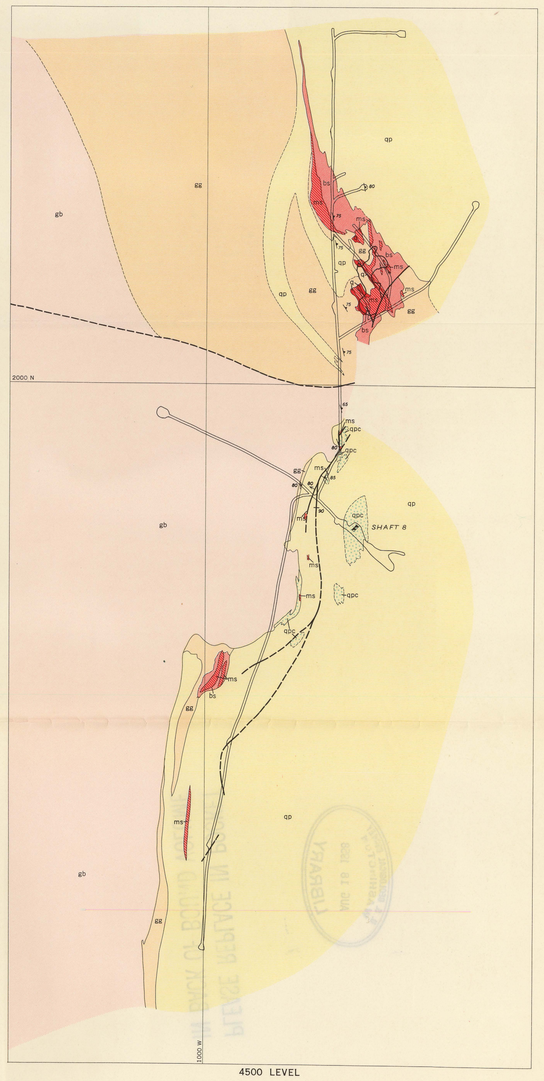

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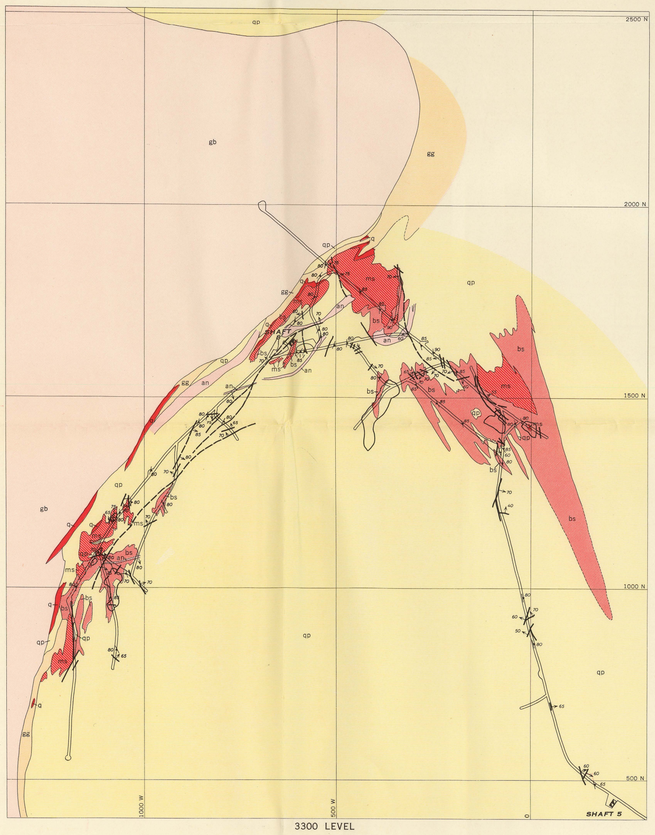

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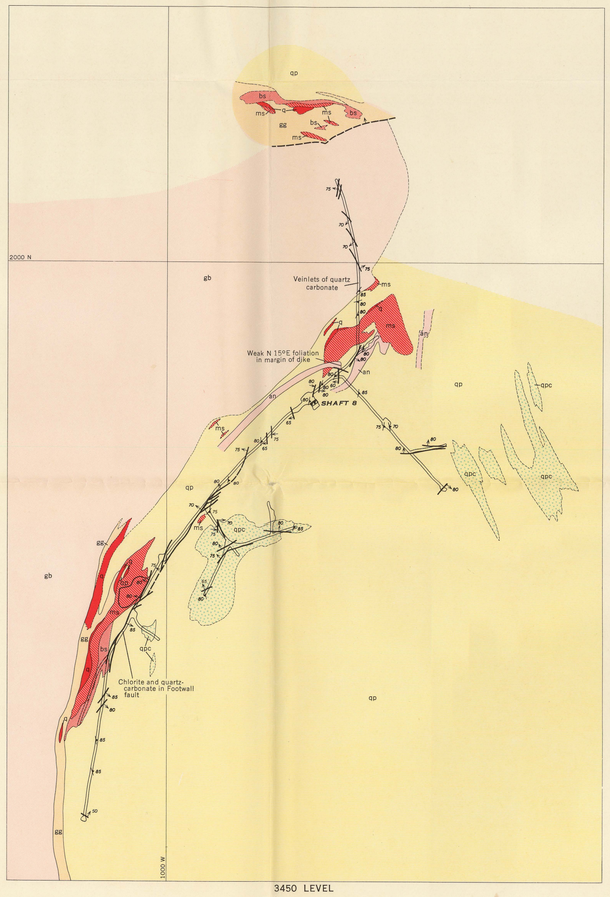

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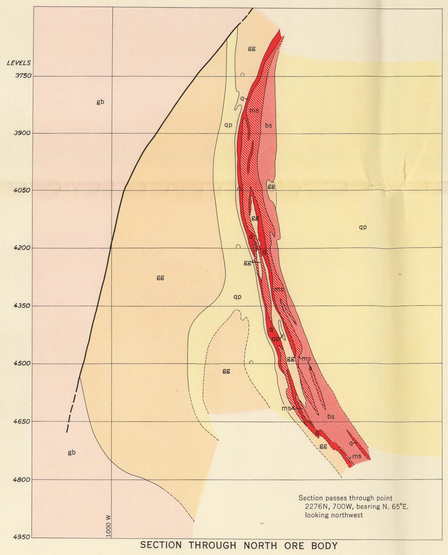

SECTION THROUGH NORTH ORE BODY

GEOLOGIC MAP AND UNDERGROUND WORKINGS OF THE UNITED VERDE MINE, YAVAPAI COUNTY, ARIZONA

200 0 1000 Feet

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.
MR 0449

Geology by L. E. Reber, Jr. and staff of United Verde mine, modified by C. A. Anderson and S. C. Creasey