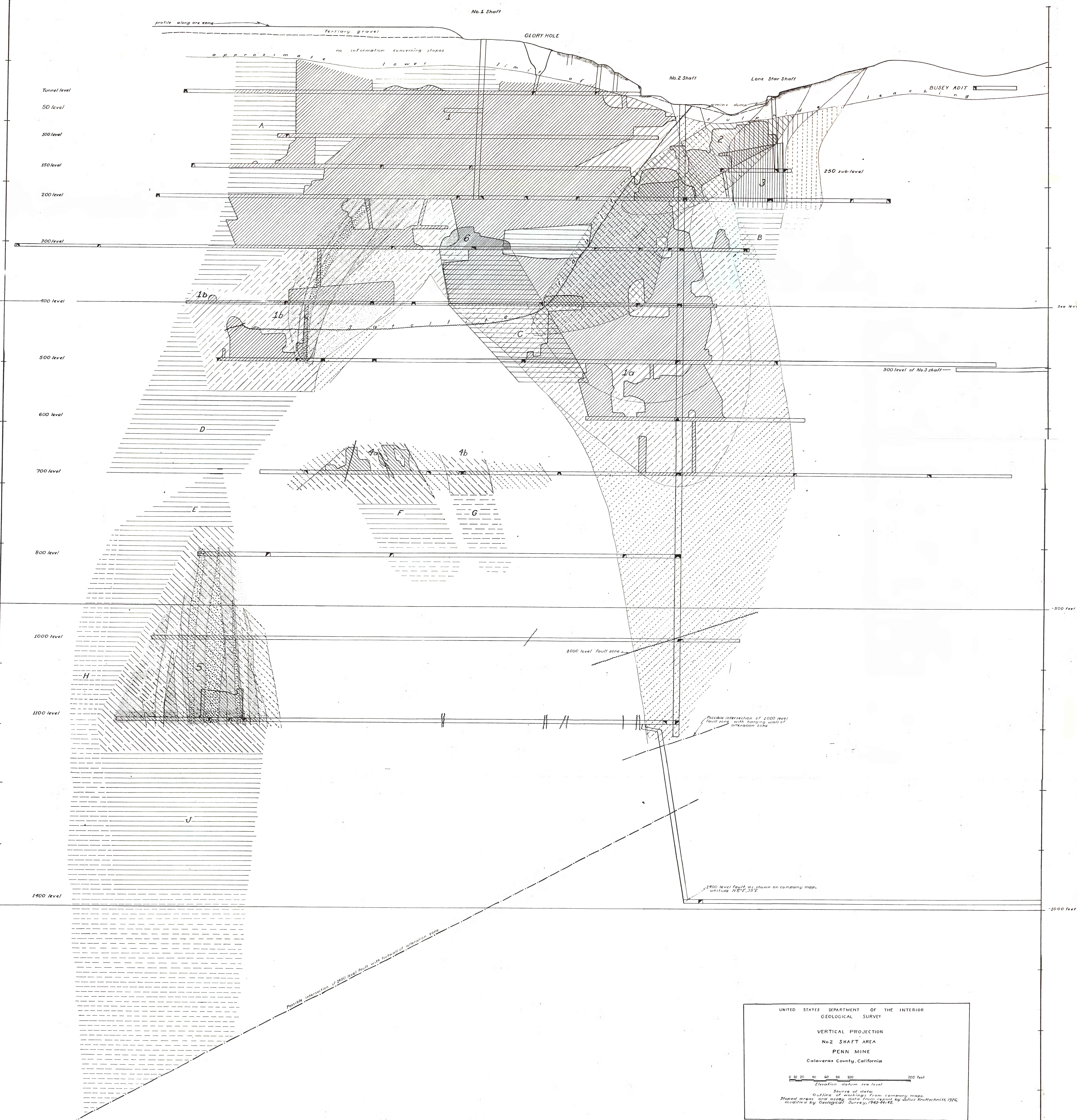


S23E

N23W

- EXPLANATION**
- Ore bodies 2, 4, and 5.
- Gossan outcrop
 - Ore mined
 - Massive ore in place
 - Stringers ore in place
 - Stringers of sulphides and disseminated sulphides
- Ore bodies 1, 4a, 1b and 6.
- Gossan outcrop
 - Ore mined
 - Massive ore in place
 - Stringers ore in place
 - Stringers of sulphides and disseminated sulphides
- Ore body 3.
- Gossan outcrop
 - Ore mined
 - Massive ore in place
 - Stringers of sulphides and disseminated sulphides
- All ore bodies.
- Inferred ore; letter shows area referred to in text
 - Other area favorable for exploration, referred to in text
 - Intersection of fault with hanging wall of ore zone
 - Copper grade distribution
 - more than 8 percent
 - 2-8 percent
 - Trace to 2 percent
- Crosscut toward observer
- Crosscut away from observer

- No 5 ore body
- Zinc grade distribution
- more than 12 percent
 - 8-12 percent
 - 4-8 percent
 - Trace to 4 percent



UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
VERTICAL PROJECTION
No 2 SHAFT AREA
PENN MINE
Calaveras County, California

0 20 40 60 80 100 120 feet
Elevation datum sea level

Source of data:
Outline of workings from company maps.
Stoned areas and assay data from report by Julius Kruttschnitt, 1926.
modified by Geological Survey, 1963-64-65.