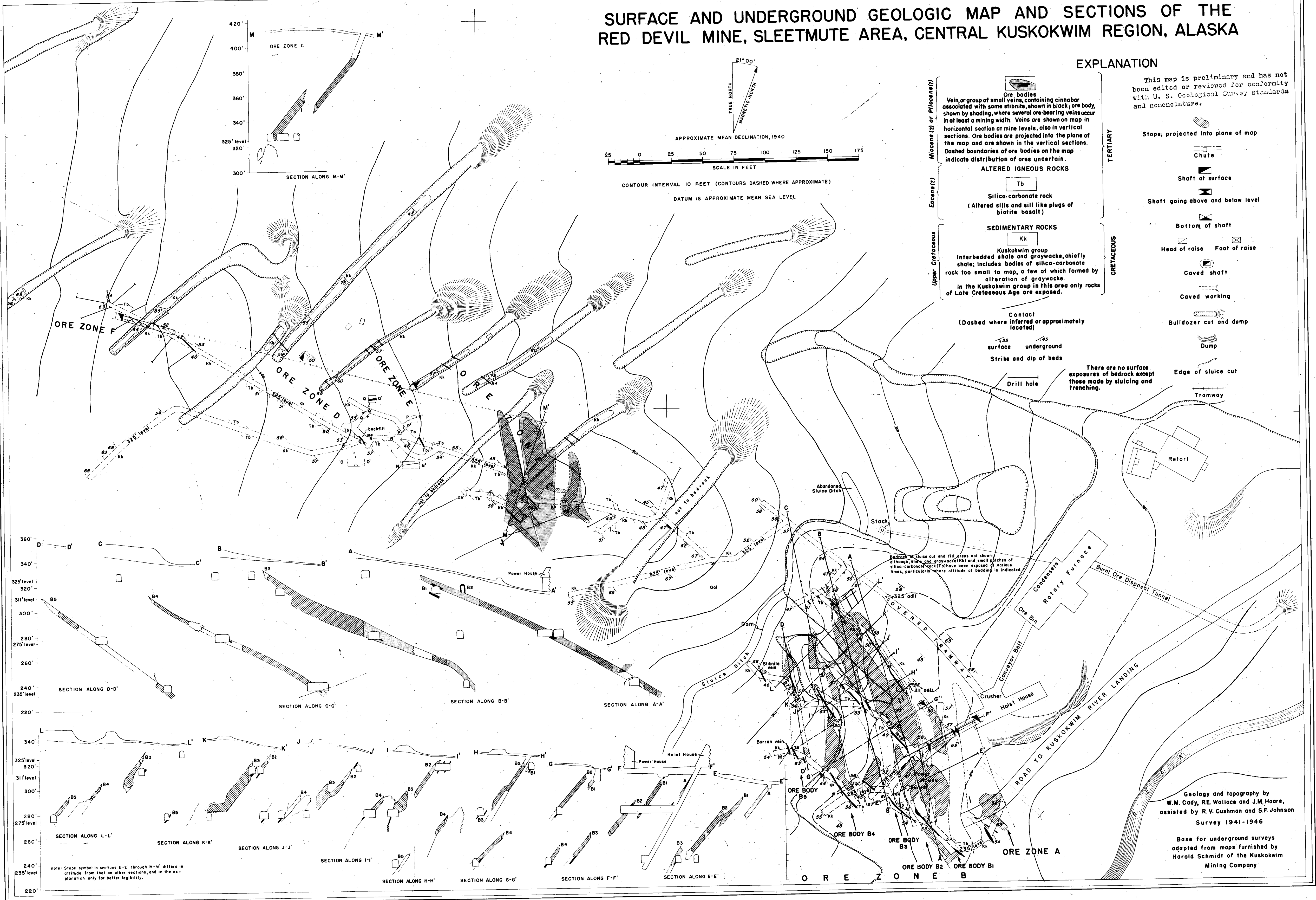


SURFACE AND UNDERGROUND GEOLOGIC MAP AND SECTIONS OF THE RED DEVIL MINE, SLEETMUTE AREA, CENTRAL KUSKOKWIM REGION, ALASKA



EXPLANATION

- This map is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.
- | | |
|---|--|
| <p>Miocene (?) or Pliocene (?)</p> <p>Ore bodies Vein or group of small veins, containing cinnabar associated with some stibnite, shown in black; ore body, shown by shading, where several ore-bearing veins occur in at least a mining width. Veins are shown on map in horizontal section at mine levels, also in vertical sections. Ore bodies are projected into the plane of the map and are shown in the vertical sections. Dashed boundaries of ore bodies on the map indicate distribution of ores uncertain.</p> <p>ALTERED IGNEOUS ROCKS</p> <p>Tb Silica-carbonate rock (Altered sills and sill like plugs of biotite basalt)</p> <p>SEDIMENTARY ROCKS</p> <p>Kk Kuskokwim group Interbedded shale and graywacke, chiefly shale; includes bodies of silica-carbonate rock too small to map, a few of which formed by alteration of graywacke. In the Kuskokwim group in this area only rocks of Late Cretaceous Age are exposed.</p> <p>Contact (Dashed where inferred or approximately located)</p> <p>— surface — underground Strike and dip of beds</p> | <p>TERTIARY</p> <p>Stope, projected into plane of map</p> <p>Chute</p> <p>Shaft at surface</p> <p>Shaft going above and below level</p> <p>Bottom of shaft</p> <p>Head of raise Foot of raise</p> <p>Caved shaft</p> <p>Caved working</p> <p>Bulldozer cut and dump</p> <p>Dump</p> <p>Edge of sluice cut</p> <p>Tramway</p> <p>CRETACEOUS</p> |
|---|--|
- There are no surface exposures of bedrock except those made by sluicing and trenching.

note: Slope symbol in sections E-E' through M-M' differs in altitude from that on other sections, and in the explanation only for better legibility.

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