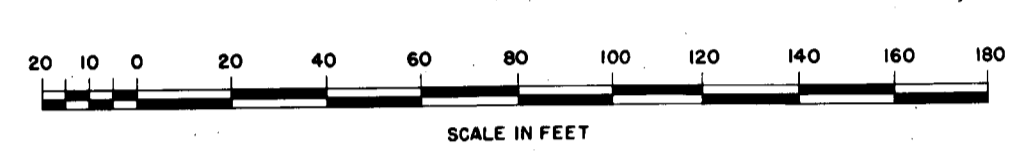
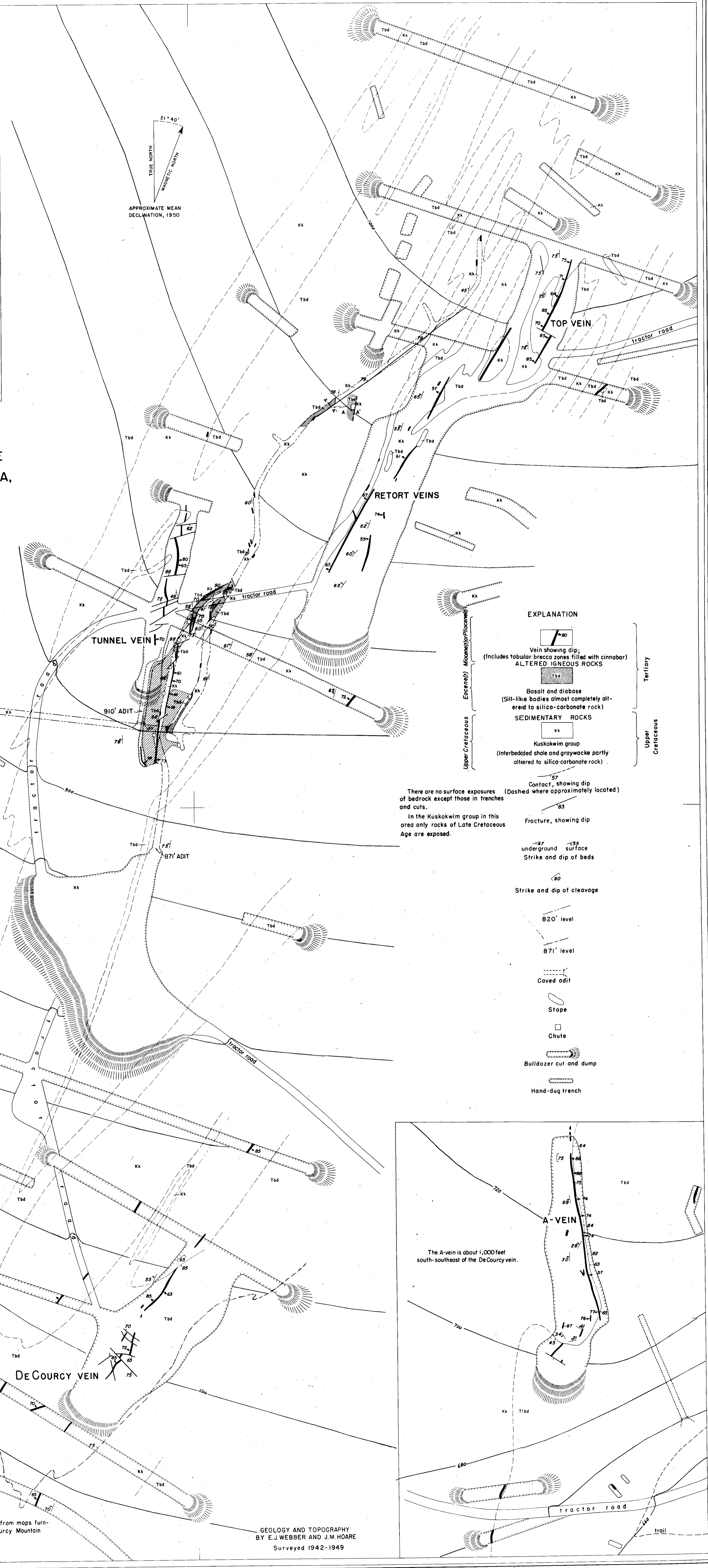


This map is preliminary and has not been checked or approved for publication by the U. S. Geological Survey standards and nomenclature.

SURFACE AND UNDERGROUND GEOLOGIC MAP OF THE DE COURCY MOUNTAIN MINE, DE COURCY MOUNTAIN AREA, CENTRAL KUSKOKWIM REGION, ALASKA



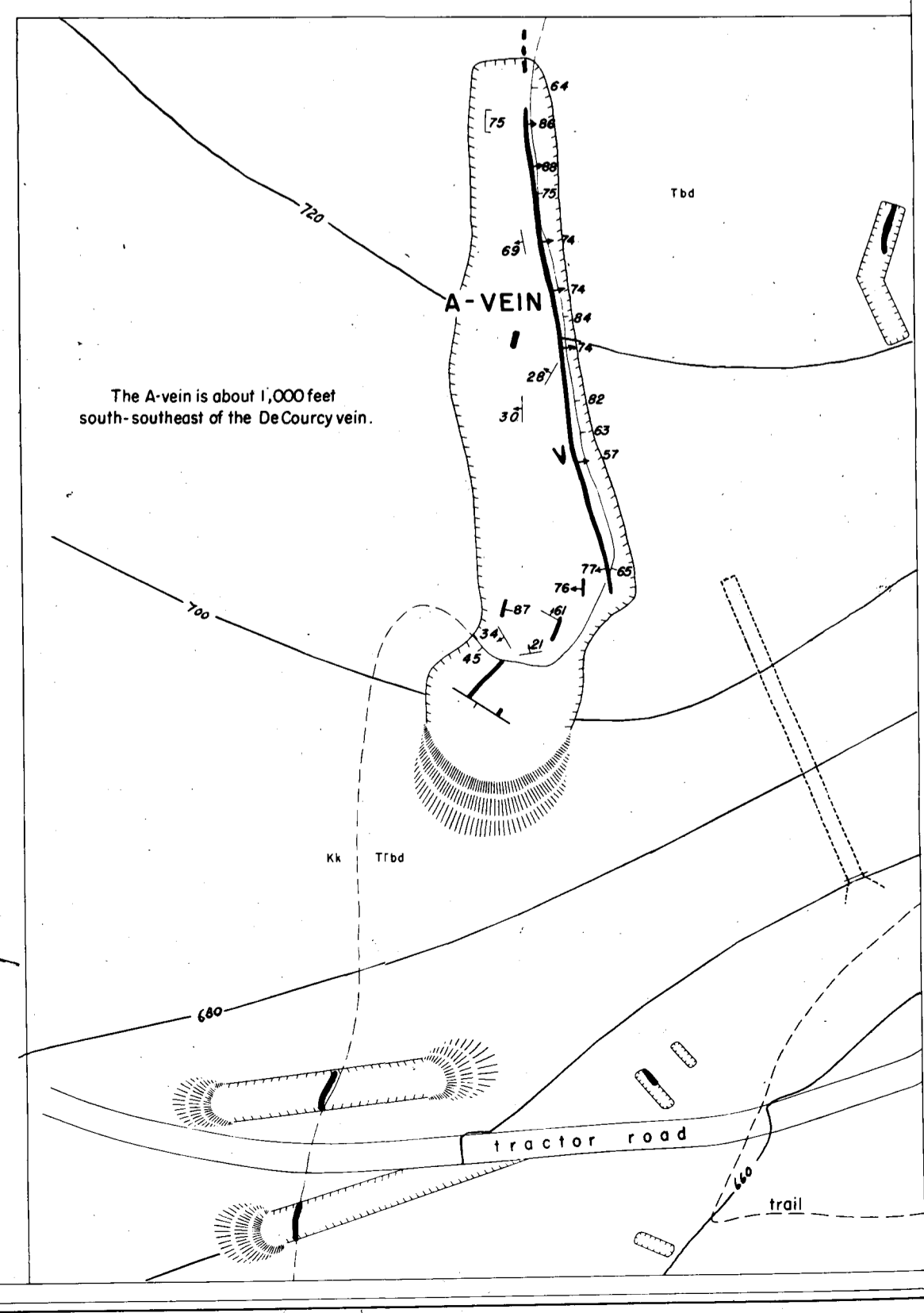
CONTOUR INTERVAL 20 FEET
DATUM IS APPROXIMATE MEAN SEA LEVEL



EXPLANATION

	Vein showing dip (Includes tubular breccia zones filled with cinnabar)	Tertiary
	ALTERED IGNEOUS ROCKS	
	Basalt and diabase (Silica-like bodies almost completely altered to siliceo-carbonate rock)	Upper Cretaceous
	SEDIMENTARY ROCKS	
	Kuskokwim group (interbedded shale and graywacke partly altered to siliceo-carbonate rock)	
	Contact, showing dip (Dashed where approximately located)	
	Fracture, showing dip	
	underground surface	
	Strike and dip of beds	
	Strike and dip of cleavage	
	820' level	
	871' level	
	Covered adit	
	Stoppe	
	Chute	
	Bulldozer cut and dump	
	Hand-dug trench	

There are no surface exposures of bedrock except those in trenches and cuts.
In the Kuskokwim group in this area only rocks of Late Cretaceous Age are exposed.



Base for underground surveys adopted from maps furnished by Robert Lyman of the De Courcy Mountain Mining Company

GEOLOGY AND TOPOGRAPHY
BY E. J. WEBBER AND J. M. HOARE
Surveyed 1942-1949