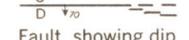
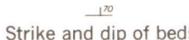


EXPLANATION

 <p>Kaolinized greisen or greisenized rhyolite dike rock Soft, gray, green to purple. Pseudoporphyratic texture caused by kaolin patches. Some facies contain high percentage of pink mica and fluorite; unit generally contains sulfide minerals and cassiterite and minor amounts of wolframite</p>	 <p>Marmorized limestone Cut by many thin veinlets containing one or more of following: fluorite, sulfide minerals, silicate minerals, carbonate minerals, cassiterite, and wolframite</p>	 <p>Clay alteration Spacing of dots indicates degree</p>	 <p>Two-compartment vertical shaft going above and below level</p>
 <p>Highly fluoritized greisenized dike rock Hard to moderately hard, white to gray white; contains minor amounts of sulfide minerals, lesser amounts of cassiterite and wolframite</p>	 <p>Completely kaolinized limestone Contains vugs lined with carbonate, and some fluorite; dashes indicate shearing; large dots denote coarsely crystalline carbonate minerals</p>	 <p>Contact, showing dip Dashed where gradational or inferred; questioned where determined from drill-hole sludge</p>	 <p>Two-compartment inclined shaft going above and below level, showing inclination</p>
 <p>Altered rhyolite Dike rock; lithology unknown because of lack of exposures</p>	 <p>Intensely fluoritized tactite or limestone Generally brown to purple. Spacing of x's denotes relative amount of fluorite; isolated x's denote noticeable fluorite in surrounding rock</p>	 <p>Fault, showing dip Dashed where inferred or consisting of discontinuous parallel shears. U, upthrown side; D, downthrown side</p>	 <p>Percussion drill hole from drift showing tin content of sludge samples in percent</p>
 <p>Altered rhyolite Dike rock containing more than the usual amount of thin discontinuous sulfide-bearing veinlets generally trending along dike</p>	 <p>Fault breccia and gouge, showing dip of fault U, upthrown side; D, downthrown side</p>	 <p>Strike and dip of beds</p>	 <p>Location and reference number of clay sample listed in text table</p>
		 <p>Strike and dip of joints</p>	 <p>U. S. Tin Corp. survey coordinates</p>
		 <p>Veinlet Showing dip, average thickness, and major constituents as determined megascopically</p>	 <p>U. S. Tin Corp. survey spad showing number, where known</p>

GEOLOGIC MAP OF 195 LEVEL, LOST RIVER MINE, ALASKA

