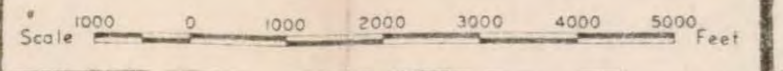


**GEOLOGICAL MAP  
OF THE  
HIGHLAND VALLEY AREA  
BRITISH COLUMBIA**

Geology by J.M. Carr, 1957-62 and R. Lee, 1958

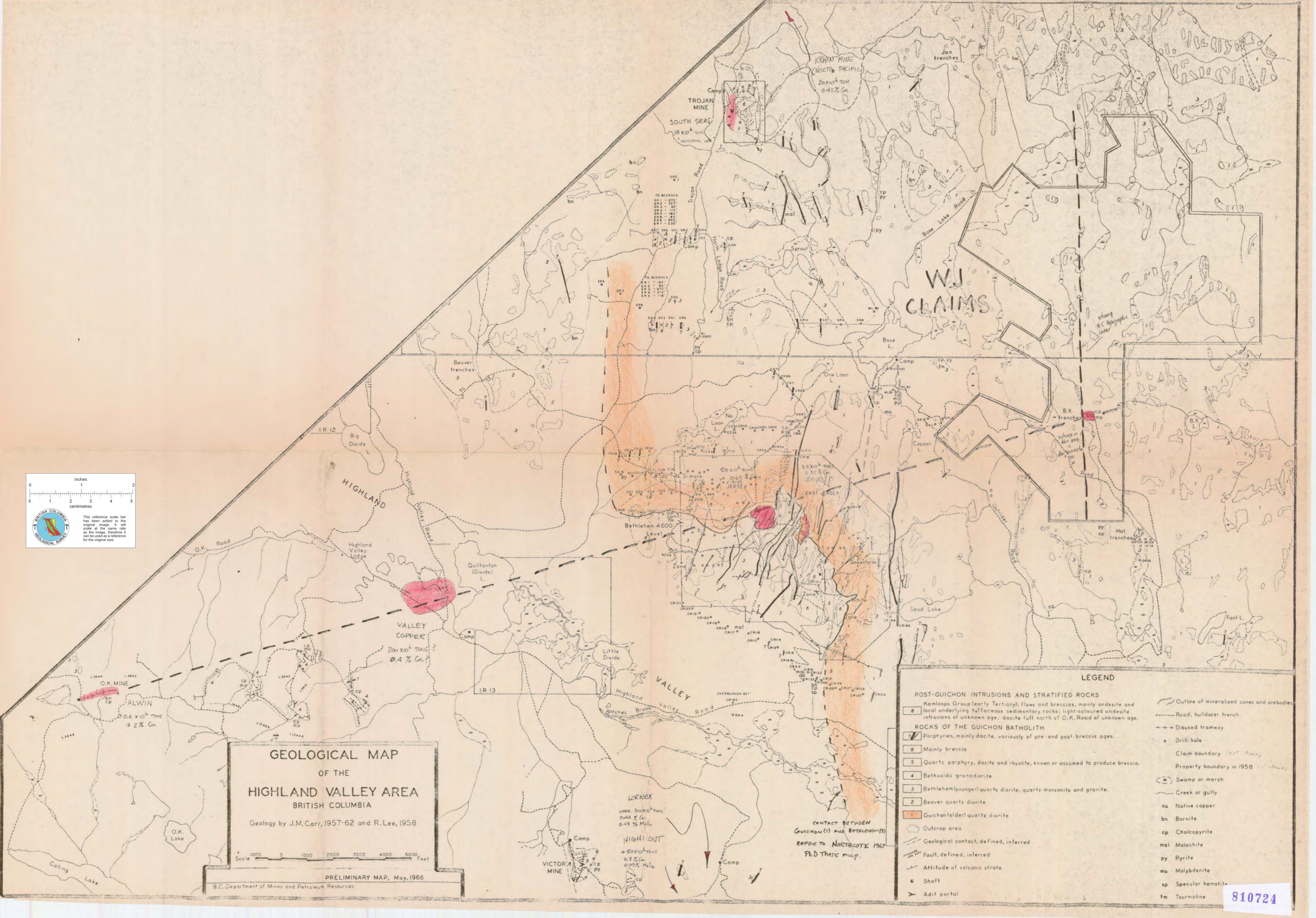


PRELIMINARY MAP, May, 1966

B.C. Department of Mines and Petroleum Resources

**LEGEND**

<p><b>POST-GUICHON INTRUSIONS AND STRATIFIED ROCKS</b></p> <p>8 Kamloops Group (early Tertiary); flows and breccias, mainly andesite and local underlying tuffaceous sedimentary rocks; light-coloured andesite intrusions of unknown age; dacite tuff north of O.K. Road of unknown age.</p> <p><b>ROCKS OF THE GUICHON BATHOLITH</b></p> <p>7 Parphyries, mainly dacite, variously of pre- and post-breccia ages.</p> <p>6 Mainly breccia</p> <p>5 Quartz porphyry, dacite and rhyolite, known or assumed to produce breccia.</p> <p>4 Bethsaida granodiorite</p> <p>3 Bethlehem (younger) quartz diorite, quartz monzonite and granite.</p> <p>2 Beaver quartz diorite</p> <p>1 Guichon (older) quartz diorite</p> <p>○ Outcrop area</p> <p>— Geological contact, defined, inferred</p> <p>— Fault, defined, inferred</p> <p>— Attitude of volcanic strata</p> <p>• Shaft</p> <p>➤ Adit portal</p>	<p>— Outline of mineralized zones and orebodies</p> <p>— Road, bulldozer trench</p> <p>— Disused tramway</p> <p>• Drill-hole</p> <p>— Claim boundary (not shown)</p> <p>— Property boundary in 1958 (not shown)</p> <p>— Swamp or marsh</p> <p>— Creek or gully</p> <p>cu Native copper</p> <p>bn Bornite</p> <p>cp Chalcopyrite</p> <p>mal Malachite</p> <p>py Pyrite</p> <p>mo Molybdenite</p> <p>sp Specular hematite</p> <p>tm Tourmaline</p>
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