

SPRING PROJECT

GEOLOGY

The Spring property is part of the Similkameen Batholith complex and is dominated by a series of intrusives. The central and northern portion consists of a quartz-rye & K-feldspar (large pink x-tals) rhyolitic porphyry. Grain texture & degree of silicification varies. Bordering to the NW is a reddish, coarse-grained biotite granite & granodiorite. Similar intrusives occur to the east along with biotite schists & gneiss.

The zones of interest are NE striking, intense epithermal alteration zones occurring throughout the QFP mainly in an area just north of the mouth of North Trout Ck. These zones are characterized by "bleachy" white kaolin alteration, hematitic and pyrolusitic staining. Mineralization occurs as dis. PY (1-5%) and sometimes dis. CP (1-2%).

A QFP "brecciated" zone also occurs in this area and shows intense dark pyrolusite staining with associated minor PY. A contact zone with chloritized, epidotized and carbonitized mafic volcanics occur along North Trout Ck. with associated small quantities of dis. PY, CP, GL, SL in proximity to narrow shear zones.

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