

Comment type	Comment
Vein 1 minerals:	There was likely a felsic and/or amphibole vein that produced a halo of green amphibole replacing the clinopyroxene of the host rock. It is hard to discern the mineralogy of this high-temperature vein due to overprinting of later greenschist and clay alteration. Likely evidence for a felsic veins are the elongated plagioclase laths that seems to cross cut Cpx crystals (inc. amphibole replaced Cpx) at the halo zone. Greenschist alteration occurs later and caused zoisite and actinolite formation. Some of the original green amphibole composing the abovementioned halo are partially replaced to actinolite. Lastly, late-stage clay replacement of the plagioclase occurs causing a dirty-brown texture on some plagioclase grains at/near the vein.

Mineral	OL replaced (%)	CPX replaced (%)	OPX replaced (%)	PL replaced (%)
Mineral alteration (%)		70		20
Amphibole, brown	n/a	5	n/a	n/a
Amphibole, colorless		30		
Amphibole, green		65		10
Clay minerals				80
Plagioclase, sec.	n/a	n/a	n/a	10
Subtotals replaced		100		100

MICROSTRUCTURES

Interval domain no: 1	Domain rel. abundance (%): 60	Domain name: microfabric	
Microstructure: magmatic			Observer: CF
Feature type	Observation	Intensity rank	
Magmatic fabric intensity:	isotropic	0	
CPF fabric intensity:	undeformed [CPF_fabric]	0	
Fracture abundance:	common	n/a	
Type	Comment		
Plagioclase:	Grain size: coarse Grain shape: subhedral to euhedral Grain boundary: straight Twinning: igneous and mechanical Undulose extinction: uniform and weak Texture: fractured crystals, euhedral included in cpx		
Clinopyroxene:	Grain size: coarse Grain shape: poikilitic Grain boundary: straight Texture: altered, include plg		

Interval domain no: 2	Domain rel. abundance (%): 40	Domain name: microfabric	
Microstructure: metamorphic	N.B.: cpx including plg is deformed and fractured, sigmoidal shape, might related to vein shear (opposite side not visible)		Observer: CF
Feature type	Observation	Intensity rank	
CPF fabric intensity:	undeformed [CPF_fabric]	0	
Type	Comment		
Vein:	Metamorphic vein, irregular, cross-cutting, polycrystalline, haloed, green amphibole halo		