

CONTACT and DYNAMIC METAMORPHIC ROCKS

ROCK	FELSICS		MAFICS			Notes
	Wollastonite	Plag	Cordierite	Garnet	Diopside	
#71 Cordierite Hornfels			Vitreous flecks in matrix, plus a few porphyroblasts 1 → 2 mm black			Fine-grained to Aphanitic Hornfelsic Surface alteration (coating) to limonite (yellow) and calcium carbonate (white)
#75 Garnet- Wollastonite Skarn Group 1	25-50%, sbh, gray, translucent, 5 → 9 mm, prismatic or bladed, striated crystal faces, fluorescent - pale orange			30-50%, anh, red-brown, 1.5 mm, broken, dull to vitreous, andradite	20-25%, anh - sbh, green, 1 → 2.5 mm, elongated, some 2-D cleavage visible	Semifriable There is some layering of the garnet and diopside in the wollastonite
#75 Garnet Wollastonite Skarn Group 2	65-75%, sbh, gray, 3 → 8.5 mm			15-20%, anh, red-brown, 1 → 2 mm	10-15%, anh, green, 1 → 2 mm	Semifriable

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ROCK	FELSICS		MAFICS			Notes
	Andalusite	Talc	Tremolite	Pyrite	Graphite	
#82 Talc-Tremolite Schist		10-75%, anh, white, translucent to opaque, pseudomorphic after tremolite	25-90%, sbh, white to greenish, fibrous, elongated or lath shaped, has inclusions of actinolite, is aligned in bands, fluorescent pale yellow.			Moderately schistose. Medium grained. Localized layers of talc and tremolite.

ROCK	FELSICS		MAFICS			Notes
	Muscovite	Quartz	Biotite	Cordierite	Anthophyllite	
#88 Cordierite Anthophyllite Skarn	25-30%, anh, white to greenish, 1.5 mm	Small scattered grains	20-25%, anh, black, 1 mm	5%, anh, blue to whitish, 3 → 7 mm, massive, rounded	40-50%, sbh, green-tan- yellowish-red, 3 → 5 mm, reticulated, fibrous, prismatic	Hornfelsic

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ROCK	FELSICS			MAFICS				Notes
	Qz	Plag	K-spar	Biot	Hornb	OrthoP	ClinoP	
#98 Epidosite		5% May occur in veins						Remainder of rock (95%) is epidote Dense

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