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8. RELATIONSHIPS BETWEEN SKARNS AND SURROUNDING ROCKS:

In no place does granite occur in contact with the skarns. The skarns are separated from the granite by about 150 m of Moina sandstone.

No paragenetic study of the various alteration phases in the rocks close to the mine area has been attempted, but it is suggested that because of the close spatial relationships between these altered rocks and the quartz veins (lodes), that each was formed penecontemporaneously in response to the same mineralizing fluid. i.e.

	granite altered to greisen	
	limestone	→ wrigglite
calcareous	siltstones	→ calc-silicate rocks
	siltstones	→ metasiltstones (hornfels)
	sandstones	→ quartzites and veinlet alteration

whilst quartz-wolframite-cassiterite lodes deposited in fractures.