

Mineral assemblage	Nature of unit	Sequence listed by Cameron <i>et al</i> <sup>9</sup>	Texture	Remarks
<i>Plagioclase-quartz-muscovite</i>	<i>Zone</i>	<i>1</i>	<i>Fine-grained, equigranular and granitic intergrowth; commonly banded parallel with walls, with coarse and fine layers (See Plate VI A)</i>	<i>Common; constitutes border zone in most pegmatites (See Plates V B and VI A)</i>
<i>Plagioclase-quartz</i>	<i>Zone</i>	<i>2</i>	<i>Fine-grained, equigranular and granitic intergrowth</i>	<i>Rare; constitutes border zone in spodumene-bearing pegmatites near Ross Lake (See Figure 7)</i>
<i>Perthite-plagioclase-quartz-muscovite</i>	<i>Zone</i>	<i>3</i>	<i>Coarse, blocky perthite crystals in part graphic, in finer medium-grained matrix of plagioclase-quartz-muscovite (See Plate VI B)</i>	<i>Common; wall zone in all dykes, forms entire body in unzoned pegmatites; mica coarsest at inner edge next unit 4 (See Plate VII A)</i>
<i>Perthite-quartz</i>	<i>Zone</i>	<i>4</i>	<i>Coarse, blocky, non-graphic perthite crystals up to 3 feet square in white massive quartz</i>	<i>Common; forms core in many small zoned dykes; prolific beryl, columbite carrier at outer contact with unit 3 (See Plate VII A and B)</i>
<i>Spodumene-perthite-quartz-plagioclase-muscovite</i>	<i>Zone</i>	<i>5-6</i>	<i>Coarse, elongated spodumene crystals and coarse, blocky perthite crystals in medium-grained matrix of plagioclase-quartz-muscovite</i>	<i>Rare; forms core in spodumene-bearing dykes; not present in dykes with units 1 and 4 (See Figure 7)</i>
<i>Quartz</i>	<i>Zone</i>	<i>11</i>	<i>Massive white, grey or smoky quartz</i>	<i>Forms core in some small zoned dykes, commonly gradational with unit 4 as perthite decreases inward</i>
<i>Muscovite-albite</i>	<i>Replacement body</i>		<i>Dense, matted intergrowth of randomly oriented, fine-to medium-grained flakes of greenish muscovite, commonly contains albite (cleavelandite)</i>	<i>Tiny pods or patches replacing earlier pegmatite; common along contact of units 3 and 4; present in dykes of western part of area; prolific tapiolite carrier (See Plate VIII A)</i>

Geological Survey of Canada

PUBLISHED, 1957

Printed by the Surveys and Mapping Branch

Table I. General assemblages occurring in pegmatites, Ross Lake area

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Table I