

	PAGE
Soft cherty tuffs.....	138
Black slates.....	140
Silicification.....	140
Chemistry.....	141
Metamorphism.....	142
Summary.....	143
Structural relations.....	143
Internal.....	143
Stratigraphy.....	145
Folding.....	147
Metamorphic effects of folding.....	148
Time of folding	152
Faulting.....	152
External.....	152
Relations to other members of the Vancouver group.....	154
Relations to younger formations.....	157
Mode of origin and history.....	159
Theoretical considerations.....	159
Porphyritic textures.....	161
Relative speeds of crystallization of the constituents of basic rocks.....	162
Albitization of the rocks of the Sicker series.....	167
Associated intrusive porphyrites.....	167
Tyee quartz-feldspar porphyrite.....	167
Relations to older and younger formations.....	167
Petrography.....	167
Metamorphism.....	169
Sicker gabbro-diorite porphyrite.....	169
Relations to older and younger formations.....	169
Petrography.....	170
Metamorphism.....	172
Batholithic and closely associated minor intrusives.....	172
Wark gneiss.....	173
Distribution.....	174
Lithological characters.....	174
Gabbro-diorite gneiss, normal phase.....	174
Fine-grained phases.....	176
Gabbro-diorite with recrystallized hornblendes.....	178
Poicilitic phases.....	178
Mafic (fennic) facies (hornblendites).....	178
Metamorphism.....	179
Hybrid types.....	180
Colquitz gneiss.....	180
Distribution.....	181
Lithological characters.....	181