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Collins (1975) included the Intrusive Porphyries (Cpi) within the Bulgobac Group, and photogeological evidence would tend to confirm this, as the two units can be seen to interfinger north-east of Burns Peak. Interbedded shale units within the Intrusive Porphyries have been mapped by previous workers along the Que River (north-west of CR 2/159), however, these could not be recognized on the aerial photographs.

#### (h) Intrusive Porphyries (Cpi)

This sequence occurs west of the Bulgobac Group and was reported as a predominantly west-dipping sequence of shales, greywackes and reworked tuffs extensively intruded by massive elongate sill-like bodies of quartz-felspar porphyry (Collins, 1975). This author has differentiated the sediments from the intrusive rocks and has called them the "Bulgobac Group" (see above). To the south the sequence interfingers with the Primrose Pyroclastics and to the north is bounded and overlain by Tertiary basalts.

#### (i) Rosebery Group (Er)

This is essentially a sedimentary sequence, which like the Farrell Slates and Que River Slates, is not regarded as being part of the Mt. Read Volcanics by other authors. However because of stratigraphic relationships between the Rosebery Group and the Volcanics and other Cambrian sedimentary sequences, this author feels that the sedimentary Rosebery Group should be included with (in) the Mt. Read Volcanics, even although it represents a transitional sequence between the Volcanics and Sediments. The Group appears to be partially conformable with the Primrose Pyroclastics and it extends as a belt along the western contact of the pyroclastic unit. The outcrop commences south-west of Williamsford and extends to north-west of Bulgobac.

The sedimentary sequence is made up of shale, greywacke, dolomitic siltstone and quartz-wacke (Stitt Quartzite). Its relationship with the shale sequence north of Burns Peak is not clear. The aerial photographs indicate an unconformable contact with the overlying Bulgobac Group. North-west of Burns Peak the Group is partially overlain by a thin veneer of Crimson Creek Formation.