

The Eastern British Columbia Railway follows the valley of Michel Creek, along the western base of Loop Ridge, from McGillivray Station at the southern extremity of the loop described by the Canadian Pacific Railway up the valley of Michel Creek, to overcome the steep descent on the western side of Crowsnest Pass. Its general direction is south and southeast and its distance from the watershed varies from one and a quarter to two miles.

#### TENT PASS

*History and Origin of Name.*—Tent Pass is only remarkable because the government road from the Canadian Pacific Railway to the International Boundary traverses it. Over the Crowsnest-Corbin section the road-bed has been fairly well built, but it appears to have been located along some former pack-trail with a fine disregard for the engineering possibilities of

Tent Mt. Ridge



MONUMENT 57 F ON OPEN GRASSY CREST OF LOOP RIDGE

maintaining an even grade, so that its value for teaming purposes is largely discounted by some very sharp and entirely unnecessary grades.

The name is suggested by the Commission owing to the pass being dominated on the south side by Tent Mountain.

*Topography and Characteristics.*—The direction of the pass is northeast and southwest. The summit is a narrow gap between the steep slopes of Loop Ridge on the northwest and Tent Mountain on the southeast. The Alberta approach is gradual, the British Columbia one much steeper. The lowest summit of the pass is occupied by a narrow marsh with benches on either side, covered by heavy standing and fallen dry timber, and is 4902 feet in altitude, only 450 feet higher than Crowsnest Pass, from which it is distant four and a quarter miles in a southwesterly direction. Practically all the timber on the north slopes of Tent Mountain Ridge has been killed by fire. On the northwest side of the summit there are two small ponds at the head of the west branch of Crowsnest Creek. Several moose were seen in this vicinity.

The top of Tent Mountain Ridge is fairly open, with scattered small patches of brulé; coal and rock outcrop frequently. The northeast slopes descend steeply to Ptolemy Pass and are, for the most part, covered by brulé and windfall. Coal prospectors have tunnelled into the hillside on the north slopes of the mountain. On the southwest side the slopes fall steeply to Michel Creek, along which runs the Eastern British Columbia Railway; most of the timber on them has been burned and only a sprinkling of green pine and spruce is seen.

*Boundary Line.*—From Monument 73 F, altitude 4936 feet, to Brass Bolt 81 F, altitude 6862 feet, the watershed lies southeast up the steep slopes of Tent Mountain. Concrete Monument 79 F was the last that could be here erected, owing to the difficulties of transporting material, and, although the line was cut out through the timber to 81 F, from that point to 89 F brass bolts were placed on the higher elevations of the ridge to mark the line of the

Summit of Pass  
Tent Mt. Michel Head Michel River Mt. TaylorTENT PASS  
Looking Southerly

watershed which, between the points named, is naturally defined. The bolts so placed were fixed in position by Mr. Cautley, who extended his survey along the top of the mountain in order to carry it to Ptolemy Pass.

Bolt 83 F, altitude 7174 feet, is on the top of a rock bluff at the most northerly extremity of the crest of Tent Mountain. The summit ridge is a mile long and is marked by several eminences of little difference in elevation, the centre and highest one, on which Bolt 85 F was placed, having an altitude of 7209 feet.

From the bolt at 89 F to monument at 91 F the course is northeast and the watershed descends through a dense array of standing, fire-killed timber, which continues in nearly the same direction to Monument 93 F, erected at the lowest summit of Ptolemy Pass.

#### PTOLEMY PASS

*History and Origin of Name.*—Ptolemy Pass is distant from Crowsnest Pass a little more than five miles in a nearly south direction. A pack trail leaves the government road about two and a quarter miles from Crowsnest



## TENT PASS

**No. 81 F.**—Monument 81 F is on the crest of a ridge descending northerly from Tent Mountain summit. Altitude of bolt, 6862 ft.

Ridge sharp; composed of large blocks of limestone with outcrops of solid rock; sparsely covered by dry standing trees mixed with a few green trees in vicinity of the monument.

Hole drilled in outcrop of solid rock; rock shattered under drill; hole sent down to solid bottom and brass bolt cemented therein.

Bolt marked "Alberta" and "British Columbia" on respective sides, "No. 81 F" on both ends and "+" on top.

Cairn 5.5 high; sharp pointed wooden picket in centre of cairn.

Position established by R. W. Cautley's traverse.

**No. 83 F.**—Monument 83 F is on the north sharp corner of Tent Mountain. Altitude of bolt, 7174 ft.

Five feet east a sharp rock drop of 50 ft. to slopes of valley of stream flowing northerly on Alberta side; north of bolt perpendicular rock drop 20 feet to ridge on which bolt 81 F is placed; westerly, a long slope falls to valley of Michel Creek; southeast, gentle descent to crest of Tent Mt.; slopes sparsely covered by small, dry and green trees.

Summit where bolt was placed composed of finely broken rock and soil; no solid rock available for bolt; hole dug and boulders placed therein and cemented together; hole drilled in large boulder and bolt cemented in same.

Bolt marked "Alberta" and "British Columbia" on respective sides, "No. 83 F" on both ends and "+" on top.

Cairn 5.5 ft. high; pole with cross targets in centre.

Position established by R. W. Cautley's traverse.

**No. 85 F.**—Monument 85 F is on the summit of first knoll of crest of Tent Mt. south from bolt 83 F. Altitude of bolt, 7209 ft.

Knoll covered by small, dry, standing trees and windfall interspersed with scrubby, green second-growth; on east, slopes fall to east branch of Crowsnest Creek, flowing from Ptolemy Pass.

Hole drilled in outcrop of solid, light-grey limestone; brass bolt cemented therein.

Bolt marked "Alberta" and "British Columbia" on respective sides, "No. 85 F" on both ends and "+" on top.

Cairn 5.8 ft. high.

Position established by R. W. Cautley's traverse.

**No. 87 F.**—Monument 87 F is on the most southerly knoll of Tent Mt. Altitude 7186 ft. Tent Mt. has a long crest with several knolls of nearly the same height.

Southeasterly, 100 ft. from bolt, slope falls fairly steeply to a sharp ridge; watershed follows same, turning sharply to left to ridge in which bolt 89 F is placed; northwest, slopes fall to valley of Michel Creek; northeast, slopes



fall to coulée at head of small creek flowing to east branch of Crowsnest Creek; a few dry standing trees near bolt and on slopes.

Hole drilled in an outcrop of solid, grey limestone rock and bolt cemented therein.

Bolt marked "Alberta" and "British Columbia" on respective sides, "No. 87 F" on both ends and "+" on top.

Cairn 5.5 ft. high; sharp-pointed wooden picket in centre of cairn.

Position established by R. W. Cautley's traverse.

**No. 89 F.**—Monument 89 F is on the crest of a small ridge separated from the main crest of Tent Mt. by a narrow ridge at a lower elevation than that on which bolt is placed. Altitude of bolt, 7049 ft.

Watershed line here turns sharply at right angles to previous course and descends the east slopes of Tent Mt. to concrete monument No. 91 F; southwest, slopes broken by deep gullies fall to Michel Creek; slopes covered by dry and green timber; on east side is standing timber, killed by fire.

Hole drilled in an outcrop of solid, grey limestone rock and brass bolt cemented therein.

Bolt marked "Alberta" and "British Columbia" on respective sides, "No. 89 F" on both ends and "+" on top.

Cairn 5.3 ft. high; sharp-pointed picket in centre of cairn.

Position established by R. W. Cautley's traverse.

#### PTOLEMY PASS

**No. 101 F.**—Monument No. 101 F is at the northwest end of a long curving ridge extending westerly from summit of Mt. Ptolemy. Altitude, 6574 ft.

Ridge extends southwesterly from the summit of the mountain, curves to the west and finally to northwest, forming the southern limit of a deep, precipice-walled amphitheatre. Two little lakelets in this amphitheatre are directly north of the end of the ridge where the bolt is placed; watershed line is sharply defined and follows the ridge in a fairly even ascent to the high point on which bolt 103 F is placed; dry standing trees, mingled with a few small, green jack-pine and windfall, on ridge in vicinity of bolt and extend upward along its crest and on western slope.

Hole drilled in an outcropping strata of solid, light-grey limestone rock; brass bolt cemented therein; strata have a sharp break of about three feet on west side of outcrop, necessitating the building of a buttress for the cairn.

Bolt marked "Alberta" and "British Columbia" on respective sides, "No. 101 F" on both ends and "+" on top.

Cairn 5.8 ft. high; measures 9 ft. from lowest side; 5 ft. wide at base; sharp-pointed wooden picket in centre of cairn.

Position established by R. W. Cautley's traverse of which it is at the eastern end.