

Thus there are found on this place a total of 30,000,000 feet board measure, a very valuable quantity of timber in a country so widely ravaged by fire as this.

Unfortunately this timber is mostly inaccessible at present. That part lying on the plateau and on the west slopes can be easily logged into the Ogkwaui river three miles to the west, a dry stream when the log-pines are cleared. The heavy timber, however, lying in the steep slopes will either have to be hauled up a steep hill and thence to the Ogkwaui, or else across the Salt Creek making to the Salt Creek river. This river is drivable in high water when the log-pines are cleared out. It is unfortunate that two rivers should have to be cleared out. Both of them, owing to the presence of large burnt areas in their watersheds, are subject to alternate periods of very high and very low waters. During their freshets, great quantities of timber and other detritus are carried down. This lodges at chows and forms large log-piles which, when the flood subsides, prove impassable barriers. They tower up ten



Photo E. McVickar, 1911.

PLATE II. High Water on Salt Creek River, showing log-piles.

to fifteen feet above the ordinary level. Hence considerable trouble and expense will be necessary to get these timbers out.

In or near section 32, township 70, range 4, west of the 5th meridian, is a small area of spruce about one-half to $\frac{3}{4}$ of a mile wide. This area runs about 5,000 feet per acre over 400 acres, or approximately two million, (2,000,000) feet in all. It is spruce and cottonwood. It is within half a mile of the Ogkwaui river and can be easily hauled when the large patch is logged.

Four miles south of this area is a larger area about two miles running 8,000 feet, board measure, per acre, or 10,000,000 feet in all. This timber is the usual spruce-cottonwood type. It is situated on a ridge three miles southeast of a branch of the Ogkwaui, to which it can be hauled easily.

On the western boundary of this district on the lower slopes of a high ridge just south of the big brûlé is an area of 400 acres of spruce and lodgepole pine, which will run 5,000 feet, board measure, per acre, or 2,000,000 feet in all. This timber will have to be hauled three miles southeast down-grade to the main branch of the Ogkwaui. Three miles south of this, on the summit of the Ogkwaui valley, is a patch of 1,000 ties of lodgepole pine. These can be taken one mile southeast to the river.