

SLOCAN CITY MINING DIVISION, IN 1901.

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(McGill).

THIS mining division practically consists of an area, irregular in outline, of about 100 square miles.

East of the Slocan river and lake (the west side is in a different formation and no work is being done there) and which is all included in the "dry-ore belt"

of ore deposits in the veins, made mining a very questionable undertaking here; but we are learning, and though our progress is slow it is, to most of us, very satisfactory.

The year 1901 has been marked chiefly by the rise of the Arlington to the first place among the Slocan mines, by the increase in the demand for our ores at the smelters and by general development. The record of production is sufficiently satisfactory. Last year the divi-



SLOCAN.—LOOKING UP SPRINGER CREEK VALLEY.

of the Slocan. The surface is extremely mountainous: the main range of the Slocan mountains, 7,000 to 8,000 feet high, forming the easterly boundary, while a parallel range, 5,000 to 6,000 elevation, from one to two miles from the lake and river, fills the west front. A series of openings, binds and cross ranges occupy the inter-

sion shipped 2,847 tons. This year to November 13, the output aggregated 5,490 tons, or say 6,320 tons for the year. This estimate is probably below the mark, as a number of properties are waiting for snow to send down their ore by rawhide and sleigh. In any case, however, an increase is shown of 122 per cent. over last year. As



FREIGHT WAGGONS ON THE ARLINGTON ROAD.

vening space. This irregular mass of mountains is divided in all directions by deep creek valleys, generally heading in typical basins. Faulting contorted strata and other evidences of extensive movement are common. Veins and veinlets, more or less mineralised, are common also.

The general occurrence of faults and the irregularity

all of this, except about 1,000 tons of second-class ore from the Arlington, is high-grade sorted ore I would judge the values to be not far from \$375,000. This again must be very nearly the amount expended during the year in the district, upon mining, developing, prospecting, road building, etc. As the district is in a very early stage of development this must be regarded