

duction, except where worked by a company. Such concerted effort seems to have rendered workable further and deeper reaches of the creek bottoms than was formerly anticipated, and this promises to continue, through the introduction of mechanical power for handling the dirt or overburden.

Then, the benches and the "old yellow deposit," though they were known to be gold-bearing and their importance was recognized, were still undetermined quantities. The benches have been worked back by hand for a certain distance from the creek, and as this distance, with the increasing overburden, became too great, hydraulic methods were introduced,

Then, a placer claim was workable only when, during the short summer season, it would supply the miner with his necessities for the whole year. Now, these "drifting propositions" provide winter work for men, enabling them to work in summer placer claims yielding a smaller return than was formerly necessary.

And the end is not yet, as far as this "old channel" is concerned, for its limits have not as yet been defined. That it is much greater than was formerly even suspected is certain,—and it is almost certain that for years to come it will continue to be mined and to produce gold.



THE NEW QUARTERS OF THE CANADIAN MINING INSTITUTE—THE SMOKING ROOM.

which, having emerged from the experimental stage, now give definite promise of success.

The "old yellow deposit" had been definitely determined in only a few places, and only near the "outcrops," so to speak, although the writer considered it safe at that time to say that "indications are that it extends for some distance into the "bench claims," and these indications have been proved correct by numerous drifts from the creek valleys and, in its deeper portions, by shafts with drifts therefrom.

From the nature of drift mining, it does not here promise large enterprise or great individual profit, the gold therein being very uniformly distributed, and in amount only such as to pay good wages for the labor expended. This means for the camp a long, steady existence, since the greater part of the "old channel" is under so great an overburden as to be workable only by drifting.

Where the deposit occurs along the valley of the present stream, as on lower Pine and Spruce creeks, and where it has