

McGILL UNIVERSITY
FACULTY OF APPLIED SCIENCE

Dean's Office:

FRANK D. ADAMS, Ph.D., D.Sc., F.R.S.—DEAN.

MONTREAL 24th August, 1922.

*For Classco
Mr. Classco
AWB*

25/8/22

Sir Arthur Currie,
Principal,
McGill University,
Montreal.

Dear Sir Arthur,

Confirming my verbal statement of this morning, I beg to say that Mr. Bell and I have at last completed the layout of the Mining and Ore Dressing Laboratories. We have worked in conjunction with the architect throughout, and Mr. Robb tells me that he now has all the information needed so far as my department is concerned for the preparation of his specifications.

In addition to the structural work and fittings for the laboratories and offices, the cost of which will appear in the architect's estimates, there will also be a considerable sum needed to take down my present equipment, move it to the new building and re-erect it. It will also be absolutely necessary to purchase a certain amount of new apparatus, largely in the form of motors and other mechanical equipment, in order to operate my existing apparatus under the new and improved conditions. It is difficult to estimate the cost of jobbing work of this character, but Mr. Bell, Mr. Robb and I agree in placing it at approximately \$10,000. We may be able to shade this figure materially, but the full amount should be appropriated.

The expenditure of the sum above asked for will enable me to rearrange my existing laboratory equipment in a very effective way, but it does not provide for exceedingly desirable additions of modern appliances which should be included in any first class mining laboratory. A large sum could be spent advantageously on the purchase of such appliances, but I shall be content with an appropriation of \$5,000. for this purpose. With it I shall be able to equip a small but absolutely first class laboratory of which the University can well be proud. With any smaller sum, the laboratory will lack essential equipment of one sort or another.

In conclusion, I beg to say that when the mining laboratories were originally built in 1896-98 at a cost of over \$40,000. for equipment alone, they were unquestionably the best educational plant of their sort in the world, and, had the purchasing value of money remained as it was then, the endowment provided by Sir William Macdonald for upkeep and