

SUMMARY OF EQUIPMENT REQUIRED 1931-1932

PALEONTOLOGY:- STRATIGRAPHY:-

Teaching material for laboratory in micro paleontology..	\$200.00
Specimens and thin sections for work in Sedimentation ..	\$100.00
1 microscope for use in both courses.....	\$250.00
	<u>\$550.00</u>

The library is very deficient in monographs, reports, and other publications in general which deal with these important sciences. It is estimated that it would require about \$2000 to bring it up to date, and that \$100 per year would be necessary to keep it properly abreast of the literature.

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PHYSIOGRAPHY: PRACTICAL GEOLOGY: STRUCTURAL GEOLOGY,-

Sets of topographic maps for Physiography laboratory ...	\$ 60.00
Lantern slides " " lectures	\$100.00
Relief models for physiographic forms, exhibition & class	\$200.00
	<u>\$360.00</u>

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Instruments for Field Geology,-

3 Brunton compasses	\$ 90.00
2 Fifteen-inch plane-tables	\$100.00
2 telescopic alidades	\$150.00
	<u>\$340.00</u>

Course on Map Interpretation,-

300 Geological Map Sheets	\$ 60.00
Foreign Map Sheets	\$ 75.00
	<u>\$135.00</u>

Structural Geology,-

Simple laboratory apparatus	\$ 50.00
Lantern slides for lecture purposes	\$100.00
	<u>\$150.00</u>

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ECONOMIC GEOLOGY & ORE DEPOSITS,-

The outstanding need is for relief models of typical mining districts and of specific mines to illustrate the geology and the occurrence of ore-bodies in three dimensions, and similar models to illustrate engineering problems and water-supply. The cost of such would be too large to be considered at present.

The teaching collections are deficient in sets of ores and associated rocks from some of our more important Canadian districts. Much of this can be secured from larger mines by paying the cost of collection and the freight charges, but such sets are apt to be sketchy. The best method is for a member of the staff to be sent out by the university for this purpose.