

ECONOMIC GEOLOGY & ORE DEPOSITS (cont'd)

Unrepresented ore occurrences, foreign	\$200.00
Sets from Canadian districts.....	\$250.00
	<u>\$450.00</u>

Mineralography Laboratory,-

1 petrographic binocular microscope for the estimation of relative percentages.	\$300.00
3 mineralographic microscopes.....	\$600.00
Mounts, reagents, polishing material, etc.	\$ 50.00
N.B. (This work was started this year at the request of the Department of Mining, and is also essential for graduate students)	<u>\$950.00</u>
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MINERALOGY AND PETROLOGY.-

For undergraduate teaching (12 students as a basis),-	
Crystal models.....	\$100.00
Atomic structure models.....	\$ 50.00
Crystal specimens, and oriented sections of crystals.....	\$200.00
Repairs and changes on 10 old models of microscopes.....	\$250.00
Increase in hand specimens and thin section collections, and preparing manuel.....	<u>\$250.00</u>
	<u>\$850.00</u>

For graduate work (6 students on advanced petrography)	
3 better type student microscopes.....	\$750.00
Additions to the library of bibliographies, tables, optical mineralogies, and reference classics.....	<u>\$100.00</u>
	<u>\$850.00</u>

For thesis investigations and general research,-	
1 good chemical balance.....	\$200.00
2 improved Joly balances (specific gravity determinations of minerals).....	\$100.00
1 set of immersion oils.....	\$ 75.00
1 electric hot-plate.....	\$ 50.00
1 monochromator and spectrometer.....	\$225.00
Apparatus necessary for separating ores and minerals electrostatically, and for the determining of constants....	\$300.00
1 microsclerometer.....	\$125.00
1 comparison microscope, made from two discarded petrographic models by combining them and obtaining necessary parts.....	\$100.00
Solid models of phase diagrams of petrologically important systems.....	\$ 50.00
1 electro-magnetic separator.....	\$350.00
1 set of graded screens.....	\$ 25.00
Draughting equipment for crystal drawing	\$ 50.00
1 research model petrographic and mineralogic microscope with equipment.....	\$1250.00
1 crystal refractometer (and liquids)...	\$ 500.00
	<u>\$2900.00</u>