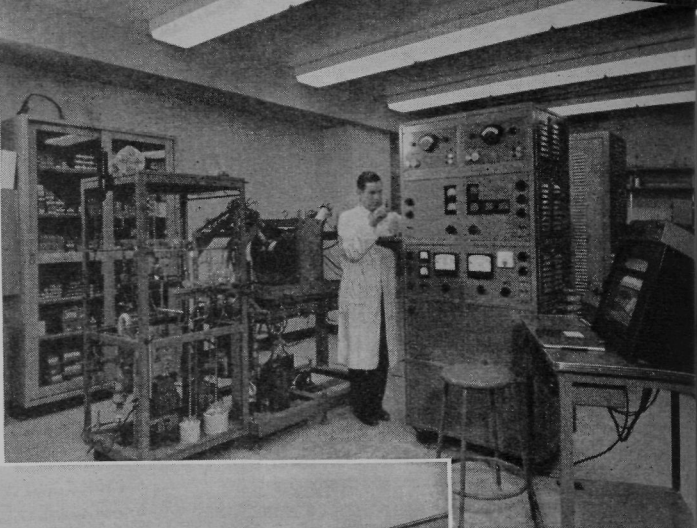


LABORATORY INVESTIGATIONS

The extensive laboratories of the new Geological Survey Building in Ottawa carry on where reconnaissance mapping leaves off. Only through detailed study can basic geological data obtained in the field be put to practical use in the search for ore deposits.

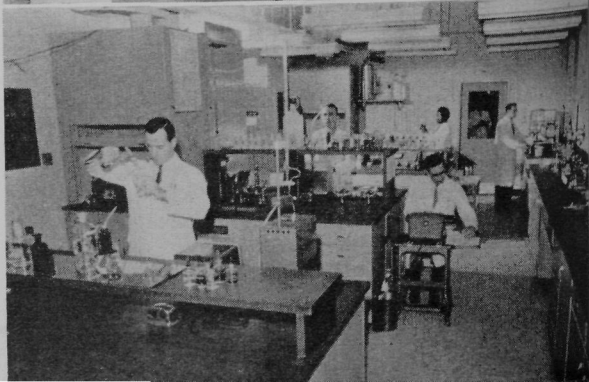
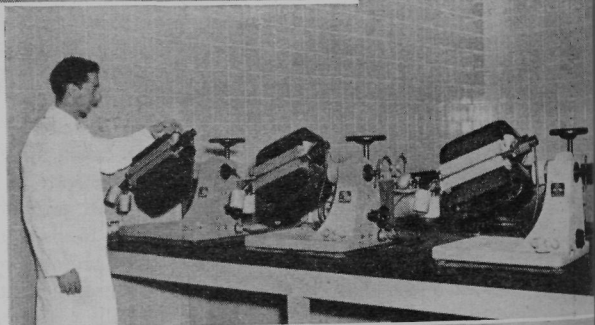
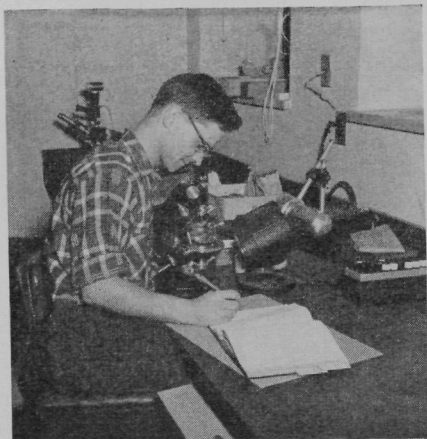


Mass spectrometer used in determining the absolute age of ancient rocks.



Infrasizers for separating very fine fractions from crushed rocks so that rare elements may be concentrated.

Geologist studying thin slices of rock to determine accurately the mineral components.



The possibilities of geochemistry as an aid in the discovery of mineral wealth are only beginning to be known.