

PROJECT REPORT OF THE GEOCHEMICAL LABORATORY FOR 1983

by

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Introduction

The analytical facilities of the laboratory remain as described in Wagenbauer et al. (1983). No new equipment has been acquired, but the staff level was reduced from eleven to six full-time employees. Consequently, it has not been possible to carry out any significant amount of methods development, and the range of analyses performed is unchanged from that described in Wagenbauer et al. (1983). The work done between September 1, 1982 and August 31, 1983 is summarized in Table 1. The total number of determinations

is down by 16% from the previous year. This drop in output reflects the cuts in staff and budget.

References

- Wagenbauer, H.A., Riley, C.A., and Dawe, G. 1983. 1983: Geochemical Laboratory. In Current Research. Edited by M.J. Murray, P.D. Saunders, W.D. Royce, and R.V. Gibbons. Newfoundland Department of Mines and Energy, Mineral Development Division, Report 83-1, pages 133-137.

Table 1: Summary of output from the geochemical laboratory of the Mineral Development Division from Sept. 1, 1982 to August 31, 1983 compared with the previous 12 month period.

<u>Type of determination</u>	<u>Number of determinations</u>	
	<u>81/82</u>	<u>82/83</u>
Geochemical analysis of soil, till, and stream and lake sediments	40,641	42,188
<u>Silicate analyses</u>		
Trace elements	22,205	7,721
Major elements	28,967	28,993
<u>Miscellaneous analyses</u>		
(Assays, F, Sn, W, Ba, Sr, pH on a variety of sample types)	11,768	8,496
	<u>103,581</u>	<u>87,398</u>



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