

CHEMICAL CONTRIBUTIONS
TO THE
GEOLOGY OF CANADA,

BY
CHRISTIAN HOFFMANN, F. Inst. Chem.

ON CANADIAN APATITE.

Manner in which the Samples analyzed were selected.

The samples were in all cases good-sized hand specimens; in selecting the same such pieces were taken as were most free from foreign mineral admixture, or, in other words, apparently the purest of that particular variety in the heap (usually a very large one) from which it was taken. As a rule, therefore, the various analyses may be said to represent, in a measure, the composition of these particular varieties in their greatest practically attainable state of purity; such, indeed, as might be secured by careful cobbing,—and not the composition of an average sample of any particular output, and the reader is cautioned against accepting the results in any other light. In some instances the material upon which the analysis was conducted, was said to represent a fair average of the vein; in other cases, by the exercise of a little care it would be quite possible to procure large quantities of the variety almost, if not equally, as pure as the sample examined. The instances in which these remarks hold good will be found specified, together with others of a similar tenor, under the various analyses.

*Manner of
selecting the
samples.*