

September 14th.—Assays of Maharahara copper-ore for copper, &c.; for Mr. J. C. Carr, C.E., Napier.

September 20th.—Assay of steel; for New Zealand Engineering Company.

September 21st.—Assay of pyrites for gold; for Messrs. Porter and Hocking, Barewood.

September 24th.—Assays of two samples of pyrites for gold; for Messrs. Donald Reid and Co., Dunedin.

October 10th.—Assay of pyrites for gold; for Mr. H. F. Boddington, Fairfield.

October 18th.—Assay of pyrites for gold; for Mr. H. F. Boddington, Fairfield.

October 25th.—Analysis of limestone; for Mr. Crosby Morris, Dunedin.

*Not Charged for.*

March 16th.—Assay of pyritiferous quartz for gold; for Mr. Malcolm Ross, Dunedin.

March 22nd.—Assay of garnet sand and crushed schist for tin; for Mr. J. Allen, M.H.R., Dunedin.

April 22nd.—Assays of samples of schist-ore rock and manganese-ore for silver; for Mr. J. T. Koeford, Milton.

May 20th.—Determination of iron in asbestos; for Mr. R. Paulin, Ngapara.

September 16th.—Assays of rock samples for tin and silver; for Mr. Melland, Dunedin.

September 22nd.—Determination of seven samples of minerals; for Mr. R. Paulin, Ngapara.

October 10th.—Assay of antimony-ore for silver; for Mr. G. M. Barr, Dunedin.

A considerable number of gratuitous determinations of minerals and rock samples have also been made by myself during the year; in fact, during the first part of the session hardly a week passed by without one or more such determinations, persons frequently calling at my private house for this purpose. I have hitherto not kept a list of the samples examined, and can, therefore, only mention from memory a few of the cases as under:

Oriental ruby, brought by Mr. W. Goodlet from Rimu, West Coast, Middle Island.

A collection of some thirty specimens of rocks and minerals from the Island of Borneo.

Garnets, from the neighbourhood of Oamaru.

Earthy vivianite (blue iron earth), from the Blue Spur mine near Lawrence.

A number of samples of mica-schist and other rocks impregnated with pyrites, supposed to be silver-ore or gold.

Rhodonite (bisilicate of manganese) from Nenthorn, &c.

In conclusion, I may be permitted to mention that our mineral and rock collections have been materially increased by numerous presents during the year, the most important being as under:—

Professor Black: A collection of some twenty specimens of the ores and other minerals of the mining district of Zeehan, Tasmania, including some valuable crystallized specimens of the rare mineral "chromite" (chromate of lead), also crystallized cerussite (carbonate of lead), sphalerite, siderite, &c.

Mr. W. Goodlet: A fine specimen of the interesting ruby-bearing boulder from Rimu, Westland.

Mr. A. Hamilton: Fragments of moa bone, studded with small crystals of vivianite; also a number of specimens of the Port Chalmers volcanic breccia, showing inclusions of mica-schist, phonolite, nepheline, &c.

Mr. L. Neil: A collection of some forty specimens of rocks from the neighbourhood of the Portobello gold-mine and other parts of the Peninsula.

Mr. Thomas Esdaile: A number of interesting rock specimens from the neighbourhood of Oamaru.

Mr. P. Marshall: Rock specimens from Lyttelton Harbour and Wanganui.

Mr. F. B. Stephens: A collection of some thirty specimens of interesting rocks from Milford Sound.

Mr. D. Wilkinson: A number of fine specimens of native copper, cerussite, mimetite, galena and other minerals from Broken Hill, New South Wales.

Mr. Cochrane: Twelve specimens of auriferous quartz, from as many different mines in the Reefton district; also rock specimens from Cape Foulwind and neighbourhood.

Mr. J. Mouatt: Several fine large pieces of stibnite from the antimony mine, Waipori.

Most of the mineral specimens have been properly labelled and placed in the large glass cases for inspection by the students, whilst the rock-specimens are of great use in determinative petrography.

I have, &c.,

GEORGE H. F. ULRICH,

Director, School of Mines.

The Chancellor, University of Otago.

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