

No. 10.

The COLONIAL ANALYST, Dunedin, to the COLONIAL SECRETARY.

SIR,—

University Laboratory, Dunedin, 30th September, 1879.

I have the honor to acknowledge the receipt of your communication, dated 1st August, enclosing copy of a letter from the Agent-General on the subject of mineral waters. Of purely mineral waters I have to state that only two samples have been examined by me: one, a magnesian water, from Wickliffe Bay, near Portobello—an analysis of which is appended; the other, a chalybeate water of good type, from the Chain Hills, in the District of Green Island. I have heard of three other mineral springs in Otago, but have not seen samples of them. From the particulars received, I have no doubt they contain abundance of sulphuretted hydrogen. One of these, Poynter's Well, is near Port Molyneux, on the road to the Nuggets Lighthouse. The second is in the Glenkennich District, near Tapanui. The third, at the base of Maungatua, in West Taieri.

I have, &c.,

JAMES G. BLACK,
Colonial Analyst.

G. S. Cooper, Esq., Under Secretary.

RESULTS of analysis of mineral water from Wickliffe Bay, forwarded by Dr. Bakewell, 27th April, 1874:—

					Grains per gallon.
<i>Analysis.</i>					
Sulphuric acid (combined)...	...	...	...	...	39·3
Chlorine	...	...	...	...	112·0
Magnesia	...	...	...	...	18·3
Lime	...	...	...	...	11·5
Alkalis	...	...	...	...	83·0
Carbonic acid (combined) ...	...	...	...	...	12·6

No. 2.—Water, from Chain Hills, near Green Island, rich in carbonate of iron and free carbonic acid.

Nos. 3, 4, and 5.—Springs in West Taieri, Glenkennich, and near Port Molyneux, described as containing sulphuretted hydrogen.

JAMES G. BLACK,
Colonial Analyst.

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