

These salts yielded upon analysis the following results :

Chlorine	3.577
Sodium	1.665 or Soda—2.238
Magnesia	0.440
Lime	0.366
Silica and iron, with a trace of phosphate of lime	0.200
Carbonic acid	0.493
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	6.741
Organic matter and loss	459
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	7.200

Early in the morning, the launch and first cutter came in. From the officer's report, I found that he had surveyed (since I left him on the 4th of June on Passage Island) the reef between it and Vanua-levu, and part of the distance down to Mbua or Sandalwood Bay. There he had remained inactive for ten or twelve days, until Captain Hudson sent him a fresh supply of provisions, and additional orders to proceed along the south side of Vanua-levu, which he was doing when he joined me. In extenuation of his delay at Sandalwood Bay, he pleaded the literal construction of his orders; they will be found in Appendix VIII. On such duty, a commanding officer frequently labours under a disadvantage from giving officers more credit for a zealous disposition than they deserve. I thought the orders were sufficiently explicit to have allowed a construction to be placed upon them that would have saved much valuable time, and have left the officer full liberty to work hard if he were so inclined. The bay of Mbua was not even surveyed, and I was forced to send him back again the same afternoon to the survey of the route he had already passed over.

On the 3d of July, we were engaged in surveying the upper portion of the bay, and in making astronomical observations which were all completed by night.

Towards evening the tender came in and anchored, having succeeded in accomplishing the survey of both the island of Goro and the Horseshoe Reef. The former is considered by the natives one of the most fruitful islands of the group; it is a high island, though not so much broken as the others, and, from appearance, would be susceptible of cultivation to its very top. It is ygali to Ambau, by which it is constantly looked to for supplies. It is surrounded by a reef, which is, for the most part, a shore-reef, and affords no harbour; there is, however, anchorage on the northwest side. The island is nine and a half miles long, by four miles wide. The produce of Goro is oil and tor-