

1898.

Nov. 16. Two assays of two samples of tailings, for gold, for Cromwell Quartz-mining Company.
Two assays of two samples of quartz, for gold, for Mr. Batchelor, Invercargill.

Nov. 19. Three assays of three samples of quartz, for gold, for Mr. D. Reid, jun., Dunedin.

Nov. 28. Assay of sample of tailings, for gold, from Preservation Inlet.

Nov. 29. Assay of sample of quartz, for gold, for Mr. E. Trythall, Dunedin.

Dec. 8. Assay of sample of black sand, for gold and platinum, for Messrs. Cook and Grey, Dunedin.

1899.

Jan. 3. Analysis of sample of coal, for Mr. B. Campbell, Invercargill.

Jan. 31. Two assays of two samples of quartz, for gold, for Mr. C. W. Brown, Invercargill.

Feb. 4. Analysis of sample of scheelite, for tungstic acid, for Mr. Spears, Dunedin.

Feb. 3. Assay of sample of quartz, for gold, for Mr. Gilmore, Dunedin; assay of sample of tailings, for gold, for Messrs. C. S. Reeves and Co.; assay of sample of tailings, for gold, for Mr. H. C. Bruce, Christchurch.

Feb. 10. Six assays of six samples of quartz, for gold, for Messrs. Lee and Proctor, Dunedin; assay of sample of quartz, for gold, for Mr. J. A. Miller, Arrowtown.

Feb. 15. Assay of sample of quartz, for gold, for Mr. J. McAlister, Invercargill.

Feb. 16. Assay of sample of quartz, for gold, for Mr. R. Allen, Invercargill.

Mar. 3. Assay of sample of quartz, for gold, for Mr. A. Nevin, Arrowtown.

Mar. 6. Assay of sample of black sand, for gold, for Messrs. Cook and Gray, Dunedin.

Mar. 8. Assay of sample of quartz, for gold, for Mr. G. A. Wheeler, Bluff.

Mar. 13. Analysis of sample of limestone, for Mr. T. Swanson, London; assay of galena, for lead and silver, for Mr. R. Ross, Dunedin.

Mar. 16. Assay of sample of sand, for gold, for Hauraki Sterling Gold Dredging Company.

April 3. Assay of sample of quartz, for gold, for Mr. A. Campbell, Reefton.

April 14. Three bulk assays of quartz, for gold, for Mr. J. S. Swan, Invercargill.

April 20. Assay of sample of sand, for gold, for Mr. A. Lindsay, Invercargill.

April 21. Assay of sample of quartz, for gold, for Mr. Antonio Zala, Ross.

April 25. Thirteen assays of quartz, &c., for gold, silver, and lead, from Preservation Inlet.

June 9. Assays of two samples of tailings, for gold, for Messrs. C. S. Reeves and Co., Dunedin.

June 22. Assay of sample of rock, for gold, for Mr. Wolhman, Dunedin.

July 5. Assay of sample of pyrite, for gold, for Mr. Thomas Graham, Otama.

July 7. Six assays of six samples of quartz, for gold, for O.P.Q. Gold-mining Company, Waipori; assay of sample of quartz, for gold, for Wilberforce Gold-mining Company, Ashburton.

July 14. Eighteen assays of eighteen samples of tailings, for gold, for the Cromwell Proprietary Gold-mining Company.

July 27. Assay of sample of quartz, for gold, for Mr. S. Winn, Otautau.

Aug. 24. Four assays of four samples of quartz, for gold, for the O.P.Q. Gold-mining Company, Waipori.

Sept. 13. Three assays of three samples of quartz, for gold, for Mr. G. R. Wilkinson, Dunedin.

Oct. 12. Assay of sample of tin ore, for tin, for Mr. C. Ronaldson, Dunedin.

Oct. 23. Assays of two samples of quartz, for gold, for Mr. D. Reid, jun., Dunedin.

Oct. 28. Assay of sample of black sand, for gold, for Miss E. Benjamin, Dunedin.

Oct. 30. Assay of sample of black sand for Mr. H. McPhail, Dunedin.

Parcels of Ore Treated by the Testing Plant.

May 23. 4½ tons of quartz from Preservation Inlet by wet crushing and amalgamation, for Mr. A. Durie.

June 23. 2 tons 5 cwt. of quartz, by wet crushing and amalgamation, for Mr. R. McCormack, Otautau.

July 5. 1 ton of quartz, by wet crushing and amalgamation, for the Wilberforce Gold-mining Company, Ashburton.

[With regard to this limited use made of the testing plant, there can be no doubt that it is mainly owing to the great boom in gold-dredging which has placed prospecting for auriferous quartz reefs quite at a discount.]

Determinations of Mineral and Rock Specimens, and Information and Reports on various subjects (furnished by myself and not charged for).

1898.

Dec. 19. Letter to Mr. Robert McMorran, Haast Pass, South Westland, regarding the prospecting of the Gorge River district.

Jan. 9. Explanatory letter about the classes, and aims of our School of Mines, to Mr. Jones, Carterton.

Feb. 16. Letter to Mr. J. A. Miller, Arrowtown, about a sample of quartz supposed to contain tellurium and gold. An examination of the sample proved both tellurium and gold to be absent.

Mar. 13. Two mineral specimens forwarded by Mr. R. Ross, Riverton, proved, on examination, the one to be galena, the other copper pyrites.

May 8. Two samples of rock from a quarry between Gore and Waikaka Siding, forwarded by editor of *Witness*, proved, by microscopic and chemical tests, both to be calcareous fine-grained sandstone, though outwardly much resembling intrusive rock.

June 1. Specimens from Georgetown, sent by editor of *Witness*, were supposed to be valuable, but proved to be dense, laminated quartzite, of no value whatever.