

Page	Page
Reports of field officers, &c.— <i>continued.</i>	Reports of field officers, &c.— <i>continued.</i>
Mr. E. J. H. Webb, Assistant Geologist— <i>continued.</i>	Mr. James Henry Adams, Assistant Geologist— <i>contd.</i>
Physiographic notes on Patarau and Wakamarama Survey Districts	Nature of the work carried out
General geology	General geology
General classification	Classification of formations
(1.) The Aorere Series	(a.) Whatatutu Series
(2.) The Oamaru Series	(1.) Chalky limestones and glauconitic sandstones
(3.) Pleistocene and Recent	(2.) Coralline limestones
(4.) Igneous rocks	(3.) Claystones with calcareous concretions, and argillaceous limestones
Economic geology	(4.) Claystones and fine sandstones with rare concretionary bands, coarse conglomerates, &c.
Gold	Structure of the series
Building-stone, &c.	(b.) Waipaoa beds
Work in the Mount Radiant Subdivision	(c.) Pleistocene and Recent
Physiographic notes	Economic geology
General classification	Petroleum
(1.) Aorere Series	Utility of clays for brickmaking
(2.) Oamaru Series	Cement
(3.) Beach and river deposits, talus slopes	Concluding remarks
(4.) Igneous rocks	Work remaining to be done in the area
Economic geology	Mr. R. P. Greville, Topographer
(1.) Copper and molybdenum	Surveys in Westland
Description of the outcrops	Water-power
Mount Radiant reef	Progress of the surveys
New Anaconda reef	Office-work
Other occurrences	Field-work resumed
General observations	Work at the Franz Josef Glacier
(2.) Gold	The photo-theodolite
(3.) Coal	Work in office resumed
(4.) Limestone	Mr. R. J. Crawford, Senior Draughtsman
(5.) Building-stone	Maps prepared
Mr. James Henry Adams, Assistant Geologist	
Work in the Whatatutu Subdivision	
Physical geography	

MAPS.

	Facing page
1. Sketch map to illustrate reconnaissance at head of Landsborough River	3
2. Map of Karamea Division	8
3. Plan showing portion of Hauraki Peninsula enclosing Tairua Goldfield	12
4. Sketch map of Mount Radiant Subdivision	27
5. Plan of portion of Waingaromia and Mangatu Survey Districts	35
6. Key map of North Island.	
7. Key map of South Island.	

ILLUSTRATIONS.

Plate.	Facing page
1. Great Douglas Glacier, showing névé	5
2. Headwaters of Heaphy River from Gouland Downs	8
Gouland Downs and Whakamarama Range	8
3. Whakapoi House, near mouth of Heaphy River	14
4. Ormatane Canyon (upper), Hokitika River	21
Whitcombe Pass and Head of Valley	21
5. New Day-dawn and Norfolk Battery, Tararu	33
Tararu Beach from Rocky Point, near Thames	33
6. Main Petroleum Spring, Waitangi Hill	35
Flood Plain of Waingaromia Stream	35
7. Part of Franz Josef and Bluementhal Glacier	37
Bluementhal Glacier, showing "The Blot"	37
8. Head of Franz Josef Glacier, showing Graham Saddle	37
Franz Josef, Bluementhal, Agassiz Glaciers	37