

1903.

NEW ZEALAND.

THE GOLDFIELDS OF NEW ZEALAND:

REPORT ON ROADS, WATER-RACES, MINING MACHINERY, AND OTHER WORKS IN CONNECTION WITH MINING.

Presented to both Houses of the General Assembly by Command of His Excellency.

INDEX.

	Page.		Page.
Accidents	23, 99, 107, 139	Roads constructed by direct Grants	2
Alluvial Mining*—		Roads and Tracks subsidised	1
Marlborough, Nelson, and West Coast	10, 103	Rock Phosphate	23, 139
Otago and Southland	10, 114	Scheelite	23, 139
Antimony	23, 139	Schools of Mines—	
Battery Superintendents—		Coromandel	65
Examination Papers	182	Karangahake	69
Holders of Certificates	186	Nelson	71
Centrifugal Pumps, High-lift	75	Otago	71
Cinnabar	23, 139	Reefton	69
Copper	23, 139	Thames	63
Davis' Patent Grapnel	13	Waihi	66
Dredge Mining*—		Westport	70
Marlborough, Nelson, and West Coast	11, 105-6	Expenditure on Schools	74
Otago and Southland	11, 128	Shaft Linings, Paper on	78
Construction of new Dredges and Improve- ments in Dredges	12	Statistical Tables—	
Gold-saving on Dredges: Paper by Mr. J. P. Smith	74	Gold Duty credited to Local Bodies	227
Holders of Dredge-master's Certificates	187	Gold Exported, 1857-1902	228
Particulars of Dredges built	15	Gold Exported, Comparative Return, Years 1901-1902	228
Electrically-driven Dredge	12	Gold Exported, 1857 to 31st March, 1903	229
Examination Papers—		Gold Exported, Comparative Return for Quar- ters March, 1902, and March, 1903	229
Battery Superintendents	182	Goldfields Revenue, Quarter ending 31st March, 1903	225
Mine Managers (Mining Act)	180	Goldfields Revenue, Comparative Return, Quar- ters 31st March, 1902, and 31st March, 1903	227
Galena	23, 139	Goldfields Revenue, Comparative Return, 1901 and 1902	226
Gold-dredging (see Dredge Mining).		Goldfields Revenue, Year ending 31st Decem- ber, 1902	224
Gold-mining Industry, The	2	Gold purchased by Banks	196
Hydraulic Mining*—		Machines employed	188-191, 233
Marlborough, Nelson, and West Coast	10, 103	Mining Leases	236
Otago and Southland	10, 114	Price of Gold, &c.	230
High-lift Centrifugal Pump	75	Prices of Provisions	231
Inspecting Engineer (Report)	1	Quartz crushed	192-195
Inspectors of Mines (Reports)—		Quartz-crushing Machines	188
Mr. Coutts, Thames	83	Rates of Wages	232
Mr. Green, Dunedin	107	Statement of Affairs of Mining Companies	237-244
Mr. Tennent, Westport	99	Summary of Works constructed	196
Iron-ore	23, 139	Wardens' Court Tables and Cases	224-235
McCallum and Roberts' Patent Screen	13	Water-races, &c.	234
Mine Managers—		Water-races, Results of Working	223
Examination Papers	180	Works completed on 31st March, 1903	196-200
Holders of Certificates	184	Works in progress on 31st March, 1903	200
Mining Privileges—		Subsidised Roads and Tracks	1
Hauraki Goldfields	25	The Gold-mining Industry	2
Marlborough Goldfields	30	Timber in Mining Districts	24
Nelson and West Coast Goldfields	31	Wardens' Reports—	
Otago and Southland Goldfields	44	Mr. Burgess, Clyde	169
Payne's Patent Elevator Bucket	13	Mr. Bush, Thames	141
Petroleum	23	Mr. Carew, Dunedin	166
Pontoon Ventilator	13	Mr. Cruickshank, Lawrence	168
Prospecting for Gold	2	Mr. Hawkins, Greymouth	151
Production of Gold and Silver	3	Mr. Hutchison, Auckland	140
Quartz-mining*	3	Mr. Keddell, Oamaru	166
North Island	3, 88	Mr. McCarthy, Invercargill	172
Otago and Southland	9, 107	Mr. McEneaney, Naseby	167
West Coast, &c.	9, 99	Mr. MacFarlane, Hokitika	161
Inspectors' Reports	83, 99, 107	Mr. Roberts, Tauranga	147
Loss of Tailings	9	Mr. Smith, Blenheim	147
Machines employed	188-191	Mr. Wilson-Heaps, Nelson	148
Quartz crushed, and value	192	Water Conservation Engineer's Report	179
Reports—		Water-race Managers' Reports—	
Inspecting Engineer	1	Mr. Aitken, Kumara	173
Inspectors of Mines	83, 99, 107	Mr. Murray Naseby	178
Managers of Water-races	173, 178		
Wardens, 140, 141, 147, 148, 150, 161, 166, 167, 168, 169, 172	172		
Water Conservation Engineer	179		

* See also reports of Wardens.