

There has been a considerable demand for these machines, and their introduction has been amply justified. Another Keystone drill for use on the West Coast alluvial goldfields is now on order.

The following table shows the result of boring during 1910 :—

Type of Drill.	Name of Superintendent.	To whom lent.	Minerals sought for.	Number of Holes drilled.	Aggregate Depth drilled.	Diameter of Hole.	Character of Country pierced.	Average Total Cost per Foot.
Diamond	W. Carter ..	Waihi Gold-mining Company	Auriferous quartz	2	Ft. 1,110	In. 2½	Andesite ..	15/3-6
"	" ..	Atlantis Syndicate, Waihi	Ditto ..	1	450	2½	Andesite (decomposed)	9/-*
"	" ..	New Zealand Coal and Oil Company, Orepuki	Oil, shale	4	1,288½	3	Tertiary beds	10/-*
"	F. Burnett ..	Seddonville State Collieries	Coal ..	2	895	2½	Coal-measures	10/10½
Keystone	G. E. D. Seale	11 Central Otago dredging claims	Gold, alluvial	129	4,945	6	Gravel ..	2/6½ to 5/-

* Approximate.

The above tabulated drilling being carried out by the borrowers at their own expense, further details cannot, without permission, be published here.

VII. SCHOOLS OF MINES.

The Government examinations at the schools of mines were held in December, 1910, the number of students presenting themselves being 112, who contributed 186 papers on some of the 20 subjects examined into. The following is a summary of the examination results at each school, arranged in the order of average marks awarded :—

Locality of School of Mines.	Average Marks awarded per Paper submitted.	Number of Students examined.	Number of Papers submitted.	Total marks awarded.
	Per cent.			
Waihi	68·8	36	57	3,927
Karangahake	65·2	13	28	1,826
Reefton	61·3	7	7	429
Coromandel	54·1	7	23	1,245
Waikino	51·8	8	11	570
Thames	46·5	38	56	2,605
Westport	43·0	3	4	172
Totals	57·9	112	186	10,774

From the above high average percentage of marks awarded it will be realized that the questions were of a practical character and well within the capacity of the students at the principal schools, all of which are established at centres of mining activity.

The only Government scholarship awarded at the 1910 examinations was obtained by Mr. F. L. K. Broadgate, of the Coromandel School.

Amended Scholarship Regulations were gazetted on the 30th March, 1911, from which the following is an extract :—

“ Six scholarships are offered annually for competition by students attending schools of mines within the Dominion—one for Otago, two for the west coast of the Middle Island, and three for the North Island. Of these, four will be for students in gold-mining subjects, and two for coal-mining subjects.

“ The scholarships will be of the annual value of £50 each to successful candidates who may reside three miles or more beyond the boundaries of the Borough of Dunedin, or of the borough in which the affiliated institution is situated, and of £30 to successful candidates who reside within the boundaries of any such borough, or within three miles thereof.

“ The scholarships will be tenable for three years, or for such other period less than three years as may at the discretion of the Minister appear to be necessary.

“ The scholarships will be open to all students as aforesaid who are not less than eighteen years of age on the day appointed for receiving applications, and who shall have attended regularly at any school of mines within the Dominion for not less than two years at least 80 per cent. of the lectures in each subject of the examination course.