

There were thirteen first-class passes, fourteen second-class, and fifteen third-class.

During the year 200 assays were made in the assay department by the staff. This is an increase of thirty-five over the number in 1903. This number does not include all the assays and analyses made in connection with the experimental plant. Of the 200 sixty-nine were done for the Mines Department. A tabulated list of these follows :—

Laboratory No.	Description.	Locality.	Sender.	Result.		
				Gold per Ton.	Silver per Ton.	Value per Ton.
3127/3	(1) Black flinty stone ..	Ruamahunga River	Mr. Hogg, M.H.R. ..	Oz. dwt. gr. Trace ..	Oz. dwt. gr. Trace ..	£ s. d. Nil.
"	(2) Yellow flinty stone ..	"	" " " ..	" ..	" ..	"
"	(3) Green flinty stone ..	"	" " " ..	" ..	0 2 2	"
3128/1	.. White quartz ..	Wairau Valley ..	Mr. D. Robertson ..	0 1 16	0 1 16	0 6 10
3133/1	..	Reef Hill, Masterton	Mr. Hogg, M.H.R. ..	Trace ..	Trace ..	Nil.
3137/21	(1) Feldspar rock ..	Hokitika Prospecting Association	The Warden, Hokitika	0 0 20	0 7 13	0 4 0
"	(2) Greensandstone ..	Ditto ..	" " " ..	0 0 20	0 12 14	0 4 7
"	(3) Actinolite ..	" ..	" " " ..	" ..	" ..	"
"	(4) Ferro-magnesian mineral	" ..	" " " ..	Trace ..	0 7 0	0 0 8
"	(5) " " " ..	" ..	" " " ..	" ..	" ..	"
"	(6) " " " ..	" ..	" " " ..	" ..	" ..	"
"	(7) Greisen ..	" ..	" " " ..	0 0 10	0 12 14	0 3 1
"	(8) Chlorite rock ..	" ..	" " " ..	" ..	" ..	"
"	(9) Quartz ..	" ..	" " " ..	0 9 5	0 12 14	1 18 1
"	(10) Tourmaline rock ..	" ..	" " " ..	" ..	" ..	"
"	(11) Igneous decomposed rock	" ..	" " " ..	" ..	" ..	"
"	(12) Ferro-magnesian rock (decomposed)	" ..	" " " ..	Trace ..	0 7 0	0 0 8
"	(13) Garnets and iron-oxide ..	" ..	" " " ..	0 0 10	1 7 17	0 2 5
"	(14) Ferro-magnesian rock ..	" ..	" " " ..	" ..	" ..	"
"	(15) Quartz and ferro-magnesian rock	" ..	" " " ..	0 0 10	0 12 14	0 3 1
"	(16) Feldspar and talc (decomposing)	" ..	" " " ..	" ..	" ..	"
"	(17) Quartz, coloured by iron	" ..	" " " ..	0 0 10	1 0 4	0 3 8
"	(18) Magnetite ..	" ..	" " " ..	Nil ..	Nil ..	Nil.
"	(19) Feldspar ..	" ..	" " " ..	" ..	" ..	"
"	(20) Tourmaline in rock ..	" ..	" " " ..	" ..	" ..	"
"	(21A) Pyrites in ferro-magnesian rock	" ..	" " " ..	" ..	" ..	"
"	(21B) Magnetite grains in rock	" ..	" " " ..	" ..	" ..	"
3140/1	.. Lead-ore ..	Wangapeka District	Mr. H. Owen ..	0 7 13	38 11 7*	5 7 3
3145/2	(1) Quartz ..	Napier District ..	Mr. James Hay ..	Traces ..	0 2 12	Nil.
"	(2) " ..	" ..	" " " ..	" ..	0 3 8	"
3155/3	(0) " ..	Wilberforce District	Mr. A. H. Richards	0 1 6	Traces	0 5 0
"	(3) " ..	" ..	" " " ..	0 6 7	Trace ..	1 5 2
"	(4) " ..	" ..	" " " ..	1 17 19	0 5 1	7 11 8
3161/1	..	Te Puke ..	Mr. J. A. Clark ..	0 8 9	1 17 19	1 17 2
3163/3	(1) ..	Macrae's Flat ..	Mr. W. Donaldson ..	0 13 20	0 3 8	2 15 8
"	(2) Concentrates ..	" ..	" " " ..	0 2 12	0 1 6	0 10 2
"	(3) Tailings ..	" ..	" " " ..	0 1 6	0 0 17	0 5 0
3182/4	(1) Quartz ..	Takaka, Nelson ..	Mr. W. Baird ..	Traces ..	Traces	Nil.
"	(2) " ..	" ..	" " " ..	" ..	" ..	"
"	(3) " ..	" ..	" " " ..	" ..	" ..	"
"	(4) " ..	" ..	" " " ..	" ..	" ..	"
3183/1	..	Takaka ..	Mr. J. W. Soper ..	" ..	" ..	"
3185/5	(1) ..	Mangonui ..	Mr. Houston, M.H.R.	" ..	" ..	"
"	(2) " ..	" ..	" " " ..	Slight traces	" ..	"
"	(3) " ..	" ..	" " " ..	" ..	" ..	"
"	(4) " ..	" ..	" " " ..	Traces ..	" ..	"
"	(5) " ..	" ..	" " " ..	" ..	" ..	"
3195/1	..	Marlborough ..	Mr. M. Lyons ..	0 10 2	0 3 18	2 0 8
3206/3	(1) White quartz ..	Wangapeka ..	Mr. R. McGregor ..	Traces ..	Traces	Nil.
"	(2) Quartz and country	" ..	" " " ..	" ..	" ..	"
"	(3) Nodule of pyrites	" ..	" " " ..	Small amount	" ..	"
3209/1	Concentrates ..	Wangapeka ..	Mr. H. Owen	Traces ..	3 10 14	0 7 0
3213/12	(1) Flint ..	" ..	Beattie, Lang, and Co.	Nil ..	Nil ..	Nil.
"	(2) Gritstone ..	" ..	" " " ..	Traces ..	Traces	"
"	(3) Jasperoid quartz ..	" ..	" " " ..	" ..	" ..	"
"	(4) Quartz ..	" ..	" " " ..	" ..	" ..	"
"	(5) Jasper ..	" ..	" " " ..	Nil ..	Nil ..	"
"	(6 & 7) Basalt ..	" ..	" " " ..	" ..	" ..	"
"	(8) Flinty quartz ..	" ..	" " " ..	" ..	" ..	"
"	(9) Basalt ..	" ..	" " " ..	" ..	" ..	"
"	(10) Flinty quartz ..	" ..	" " " ..	" ..	" ..	"
"	(11) Basalt ..	" ..	" " " ..	" ..	" ..	"
"	(12) Flinty quartz ..	" ..	" " " ..	" ..	" ..	"
3215/3	(1) White quartz ..	Renwick ..	Mr. B. McGregor ..	Traces ..	Traces	"
"	(2) " ..	Marlborough ..	" " " ..	" ..	" ..	"
"	(3) " ..	" ..	" " " ..	" ..	" ..	"
3216/2	(1) " ..	Queen Charlotte Sound	Mr. J. Hebblerley ..	" ..	" ..	"
"	(2) " ..	Ditto ..	" " " ..	" ..	" ..	"
3221/1	.. Quartz and pyrites	Greymouth ..	Mr. J. McAulay ..	" ..	" ..	"

* Galena 12.64 per cent.