

(2.) GOVERNMENT PROSPECTING-DRILLS.

The following is a table giving details of operations by Government drills during 1920 :—

Type of Drill.	Name of Drill Superintendent.	Number of Holes drilled.	To whom lent.	Mineral sought for.	Total Depth, in Feet.	Character of Country pierced.	Cost of Drilling, per Foot.*	Cost of Transport, per Foot.	Diameter of Hole.	Results.
No. 2 keystone placer	W. H. Warburton	18	Westland Prospecting Syndicate	Gold	416	River-bed gravels	s. d. 6 10 ⁺	s. d. ..	Inches. 6	Very poor, unworkable (Ararua River).
C.N. diamond	"	1	Scott Bros., Reefton	Coal	500	Gravel, sand, clays, and shales	3 6 ¹	12 0	2	Coal-horizon not attained.
No. 3 Schram-Harker diamond percussive (oil-driven)	A. Wick	1	Homebush Brick and Coal Company, Glentunnel	"	355	Sandstones, clays, and shales	4 0	0 3	1 ¹	No workable coal.
Ditto	"	1	Ditto	"	506	"	4 1	0 3	1 ¹	"
"	"	1	"	"	394	"	2 11	0 3	1 ¹	"
"	"	1	Mount Torlesse Collieries, Avoca	"	266	Sandstones, clays, shales, conglomerates, and grey-wacke	2 1 ¹	0 7	2 ³	2 ft. coal at 161 ft.
"	"	1	"	"	153	Ditto	6 11	0 7	2 ³	No workable coal.
"	"	1	"	"	574	"	3 0	0 7	1 ¹	"
"	"	1	"	"	270	"	1 7	0 7	2 ³	11 ft. 6 in. coal at 136 ft.
"	W. H. Warburton	1	"	"	475	"	2 0	0 7	1 ¹	2 ft. 6 in. coal at 388 ft.
"	"	1	"	"	280	"	1 5 ¹	0 7	2 ³	20 ft. coal at 236 ft.
"	"	1	"	"	162	"	1 9	0 7	2 ³	9 ft. coal at 124 ft.
"	A. Wick	1	"	"	266	"	1 6	0 7	2 ³	3 ft. 6 in. coal at 135 ft.
"	"	1	"	"	86	"	4 3	0 7	2 ³	No coal.
"	"	1	"	"	118	"	4 6 ¹	0 7	2 ³	"
"	"	1	State Mines, Rewanui	Ventilation	232	"	5 8	0 7	4	Drilled to relieve gas; satisfactory.
A. diamond	W. H. Warburton	1	"	"	323	Clays and gravels	6 9 ¹	2 0	6 and 3 ¹	Traces of cinnabar at 245 ft.
C.N. diamond	R. Pengelly	1	N.Z. Quicksilver-mines, Whakapara	Cinnabar	200	Mudstone and quartz	6 9 ¹	2 0	5 and 3 ¹	18 ft. lode-matter at 142 ft.
"	"	1	"	"	160	Grits	6 9 ¹	2 0	5 and 3 ¹	Traces of cinnabar at 84 ft.
"	"	1	"	"	111	"	15 9 ¹	2 0	5, 4, 2 ³	3 ft. lode-matter at 85 ft.
"	"	1	"	"	125	"	6 9 ¹	2 0	4	2 ft. 6 in. lode-matter at 85 ft.; drilling still in progress.
No. 2 keystone	G. E. D. Seale	41	Westland Prospecting Syndicate	Gold	850	River-bed gravels	6	Unprofitable.

* Less salary and expenses of drill superintendent.

† Including transport.