

WATER SUPPLY UPON THE GOLD FIELDS.

17 D.—No. 4.

TABLE showing the MOTIVE POWER, MACHINERY, &c., used on the Thames Gold Field; corrected to 8th May, 1872, with reference to Sketch Plan (1) annexed.

No. on Plan.	Name.	Locality.	No. of Stamps.	MOTIVE POWER.				PLANT H.P. used in				Level.	Remarks.
				Nominal h.p. Steam.	Nominal h.p. Water.	Total Combined h.p.	Crushing.	Reducing.	Pumping.	Winding.			
1	Vulcan ...	Upper Tararu ...	9	...	5	5	5	...	...	...	...	...	Would not benefit by either high or low level. Water power, 5 in. turbine.
2	Scottish Chief ...	" ...	6	...	2	2	2	...	...	...	...	...	Would not benefit by either high or low level. 12 ft. by 3 ft. breast, overshot wheel.
3	Wild Missouri ...	Tararu ...	21	...	30	30	30	...	...	...	...	...	36 ft. by 5 ft. overshot wheel.
4	Russells ...	" ...	31	...	40	40	40	...	...	...	...	...	45 ft. by 6 ft. overshot wheel.
5	Flora McDonald ...	" ...	30	14	20	34	34	...	...	...	...	...	15 in. turbine. Auxiliary 14 h.p. double cylinder engine.
6	Brown and Co. ...	" ...	...	...	40	40	...	40	...	...	L.L.	...	Two 20 ft. by 6 ft. overshot wheels.
7	Tararu Battery ...	" ...	40	40	40	80	80	...	...	...	L.L.	...	23 in. turbine. Auxiliary 40 h.p. engine.
8	Savery and Co. ...	Tararu Road ...	...	...	5	...	5	...	5	...	L.L.	...	...
9	Albert Battery ...	" ...	15	12	...	12	12	...	...	...	L.L.	...	...
10	Clarkson's ...	Pukehinau ...	13	12	...	12	12	...	...	...	...	...	...
11	Bleazard's ...	" ...	9	12	...	12	12	...	...	...	...	...	Not at work.
12	Kuranui (tailings) ...	Tararu Road ...	...	...	8	...	8	...	8	...	L.L.	...	Not at work.
13	Kuranui Battery ...	" ...	48	30	...	30	20	...	10	...	L.L.	...	...
14	Shotover ...	Grahamstown ...	12	22	...	22	18	...	...	4	...	...	...
15	Herald ...	Beach ...	20	22	...	22	12	...	...	10	L.L.	...	...
16	Caledonian G.M.C. ...	Grahamstown ...	62	113	...	113	50	18	35	10	L.L.	...	...
17	Prince Alfred ...	" ...	21	14	...	14	14	...	...	...	L.L.	...	...
18	United Pumping Association ...	" ...	...	...	53	...	53	...	...	35	18	L.L.	...
19	Brissenden and Co. ...	" ...	...	...	20	...	20	...	20	...	L.L.	...	...
20	Imperial Crown ...	" ...	40	50	...	50	50	...	...	...	L.L.	...	...
21	Manukau ...	" ...	41	32	...	32	32	...	...	...	L.L.	...	...
22	Tramway ...	" ...	12	10	...	10	10	...	...	...	L.L.	...	...
23	Tooke ...	" ...	...	...	47	...	47	...	...	35	12	L.L.	...
24	Golden Calf ...	Moanatairi ...	...	...	12	...	12	...	...	...	12	...	...
25	Central Italy ...	" ...	...	...	20	...	20	...	...	...	20	...	...
26	Nonpareil ...	" ...	...	...	15	...	15	...	...	...	15	...	...
27	Waitemata ...	" ...	...	...	14	...	14	...	...	...	14	...	...
28	Morning Star ...	" ...	12	20	...	20	12	...	...	...	8	...	...
29	Moanatairi ...	" ...	25	27	...	27	15	...	...	...	12	...	...
30	Middle Star ...	" ...	8	12	...	12	12	...	...	...	...	...	...
31	Whau ...	Moanatairi ...	10	10	...	10	10	...	...	...	...	...	...
32	Alburnia ...	" ...	20	21	...	21	15	6	...	...	...	...	...
33	Pioneer ...	" ...	9	8	...	8	8	...	...	...	...	...	Not at work.
34	Ballarat and Clunes	Tinker's Gully ...	30	24	...	24	24	...	...	...	...	...	Idle 18 months, but will commence next week.
35	Weston's ...	Waiotahi ...	30	21	...	21	21	...	...	...	...	...	...
36	Brighton ...	" ...	20	25	...	25	25	...	...	...	...	...	Not at work.
37	Criterion ...	" ...	27	20	...	20	20	...	...	...	...	...	...
38	Cornstock ...	" ...	...	...	8	...	8	...	...	...	8	L.L.	...
39	Waiotahi ...	" ...	20	16	...	16	16	...	...	...	...	L.L.	...
40	Souter's ...	" ...	16	12	...	12	12	...	...	...	...	L.L.	...
41	Golden Crown ...	" ...	20	70	...	70	35	...	...	35	L.L.	...	...
42	De Hirsch ...	" ...	...	...	16	...	16	...	16	...	...	L.L.	Not at work.
43	Eglinton ...	" ...	2	6	...	6	6	1	...	...	...	L.L.	...
44	Spencer and Hall	Grahamstown ...	1	6	...	6	6	...	...	...	...	L.L.	...
45	Prince Imperial ...	" ...	...	...	10	...	10	...	...	...	10	L.L.	Not at work.
46	Little and Good ...	Karaka ...	5	6	...	6	6	...	...	...	...	L.L.	...
47	Vickery ...	" ...	10	8	8	16	16	...	...	...	...	L.L.	Auxiliary 8 h.p. engine; 20 ft. by 5 ft. overshot wheel
48	Bull's No. 1 ...	" ...	11	10	10	20	20	...	...	...	...	L.L.	Auxiliary 10 h.p. engine; 30 ft. by 3 ft. overshot wheel.
49	Una ...	" ...	26	16	12	28	28	...	...	...	...	L.L.	Auxiliary 16 h.p. engine; 16 ft. by 6 ft. overshot wheel.
50	Perry's ...	" ...	15	12	20	32	...	32	...	...	...	L.L.	8 inch diameter vortex machine —15 head of stamps in course of erection.
51	Coulabah ...	" ...	6	...	4	4	4	...	...	...	...	...	30 ft. by 3 ft. overshot wheel. Not at work.
52	Onehunga ...	" ...	6	...	4	4	4	...	...	...	...	...	30 ft. by 3 ft. overshot wheel. Not at work.
53	Bull's No. 2 ...	" ...	8	...	4	4	4	...	...	...	...	...	30 ft. by 3 ft. overshot wheel. Not at work.
54	Halcyon ...	" ...	8	...	4	4	4	...	...	...	...	...	30 ft. by 3 ft. overshot wheel. Not at work.
55	Luckie Hit ...	" ...	20	...	20	20	20	...	...	...	...	...	Not at work.
56	Captain Ninnis ...	Shortland ...	...	...	2	...	2	...	2	...	...	L.L.	...
57	Raithby and Muir	" ...	1	6	...	6	...	6	...	...	...	L.L.	...
58	Greenway ...	Hape ...	9	8	...	8	8	...	...	...	...	L.L.	...
59	Grove ...	" ...	8	7	6	13	13	...	...	...	...	L.L.	5 in. diameter turbine.
			813	1004	249	1253	797	153	115	188	...		