

TABULATED STATEMENT showing PARCELS of ORE treated at Thames School of Mines Experimental Plant during 1898-99.

Name of Mine or Owner and District.	Description of Ore.	Weight of Ore.	Assay-value of Ore per Ton.				Bullion saved.	Value per Ounce.		Percentage saved.	
			Gold.		Silver.			Gold.	Silver.	Gold.	Silver.
			Oz. dwt. gr.	£ s. d.	Oz. dwt. gr.	£ s. d.					
A.—By PAN-AMALGAMATION.											
Caledonian, Nenthorn	Rusty-coloured and clayey, with strings of quartz	Lb. 2,300	Oz. dwt. gr. 0 2 12	£ s. d. 0 10 1	Oz. dwt. gr. 0 0 21	£ s. d. 0 10 1	Oz. dwt. gr. 0 3 6	90.8	91.3	90.9	90.9
H. Gordon, Tairua	Grey-earthly, with little quartz	1,280	0 2 0	0 8 1½	0 1 6	0 8 1½	0 1 14	87.1	80.2	86.9	86.9
H. Gordon, Tairua	Fine earthy rubble, with little quartz	1,200	0 3 0	0 12 2	0 1 21	0 12 2	0 2 7	88.9	83.3	88.8	88.8
H. Gordon, Tairua	Hard flinty quartz, mullocky	1,180	0 3 3	0 12 8½	0 2 0	0 12 8½	0 2 8	86.7	82.3	86.5	86.5
H. Gordon, Tairua	Hard and flinty	410	0 5 1	1 0 6½	0 3 18	1 0 6½	0 1 8	88.1	74.3	87.7	87.7
H. Gordon, Tairua	Earthy, with a little flinty quartz	750	0 1 21	0 7 7½	0 1 6	0 7 7½	0 0 20	79.9	78.4	79.8	79.8
H. Gordon, Tairua	Grey decomposed country, with quartz stringers	1,900	0 12 14	2 11 2	0 8 19	2 11 2	0 18 13	89.2	90.8	89.2	89.2
Chicago, Thames	White and glassy quartz and iron-pyrites	910	0 3 0	0 12 2	0 1 21	0 12 2	0 1 15	83.6	79.4	83.6	83.6
Chicago (south drive)	White quartz, with iron-pyrites	1,120	1 6 11	5 7 4	0 15 3	5 7 4	0 18 18	88.0	89.9	88.0	88.0
Chicago (north drive)	White quartz, FeS ₂ , and andesite	1,120	0 18 22	3 16 9	0 11 7	3 16 9	0 13 0	84.2	85.8	84.2	84.2
Progress Castle Rock	Blue quartz, with Fe and As pyrites	1,800	0 6 17	1 7 3	0 3 18	1 7 3	0 7 12	87.3	88.8	87.2	87.2
Progress Castle Rock	Blue quartz, with Fe and As pyrites	1,380	0 10 2	2 0 11	0 5 16	2 0 11	0 8 12	87.0	83.0	86.9	86.9
E. Godsall, New Plymouth	Quartz stringers, in brown-and-blue mottled country	2,000	0 1 1	0 4 2	0 0 12	0 4 2	0 1 3	79.5	84.7	80.0	80.0
E. Godsall, New Plymouth	Blue mottled country, with quartz stringers	2,800	0 0 7	0 1 2	0 0 5	0 1 2	0 0 12	...	...	...	...
Young New Zealand	White quartz and dense iron-pyrites	900	1 5 5	5 2 7	0 17 13	5 2 7	0 9 0	49.4	55.4	49.5	49.5
Waitaia, Kuaotunu	Hard white quartz, mineralised	910	0 1 14	0 6 5½	0 1 6	0 6 5½	0 1 0	85.8	88.0	85.8	85.8
Mahara Royal, Tapu	Pyritous tailings, acid and clayey	1,800	0 6 7	1 5 9	0 5 21	1 5 9	0 7 12	78.9	72.7	78.8	78.8
H. Gordon, Tairua	White quartz, with blue veins	1,420	11 19 12	52 6 8	44 7 6	52 6 8	30 5 0	90.9	80.9	90.0	90.0
Waitaia, Kuaotunu	Hard white quartz, mineralised	1,200	0 18 19	3 17 0½	0 18 19	3 17 0½	0 17 22	84.1	87.1	84.1	84.1
J. Hope, Waitekauri	Hard white quartz, oxidized	1,200	0 7 3	1 10 6	1 0 4	1 10 6	0 7 0	86.2	82.2	82.6	82.6
E. Wigmore, Puru	Clay, with quartz stringers	2,000	0 1 21	0 7 8½	0 2 0	0 7 8½	0 2 17	79.9	73.8	79.6	79.6
E. Wigmore, Puru	Hard white quartz, with clay	2,240	0 3 18	0 15 5	0 4 0	0 15 5	0 7 0	91.8	86.1	91.5	91.5
Top Valley, Blenheim	Hard white quartz	1,080	0 15 3	3 0 11	0 4 9	3 0 11	0 8 14	90.1	90.7	90.1	90.1
Top Valley, Blenheim	Hard white quartz	910	2 6 15	9 7 3	0 7 13	9 7 3	1 0 0	88.6	83.8	88.6	88.6
Wentworth, Whangamata	White quartz, with iron-pyrites and arsenic	1,940	4 18 8	20 0 9	3 14 9	20 0 9	4 0 10	52.6	53.5	52.6	52.6
Wentworth, Whangamata	White quartz, with pyrites and arsenic	840	4 10 18	18 10 6	3 15 15	18 10 6	1 16 6	58.6	37.8	58.2	58.2
J. McIsaac, Mercury Bay	Brown-and-black rubble, little quartz	3,360	11 14 9	47 2 8	2 11 6	47 2 8	21 9 0	97.5	89.3	97.5	97.5
Three Sisters, Tapu	Rotten quartz, with brown iron-oxides	900	0 16 9	3 16 10	5 13 12	3 16 10	1 1 0	91.8	30.9	82.8	82.8
B.—By CYANIDE.											
H. Reynolds, Coromandel	Blue quartz, with Fe and As pyrites	600	0 8 19	1 15 7	0 4 10	1 15 7	0 2 0	55.1	56.3	55.2	55.2
Keep-it-Dark, Reefton	Tailings	1,600	0 2 12	0 10 0	...	0 10 0	0 1 2	60.3	...	60.3	60.3
Young New Zealand	White quartz and dense pyrites	900	1 5 5	5 2 7	0 17 13	5 2 7	0 13 12	82.6	71.9	82.4	82.4
Waitaia	Hard white quartz, mineralised	900	0 1 6	0 5 1	0 1 3	0 5 1	0 0 20	79.3	77.8	79.3	79.3
Mahara Royal	Tailings, acid and clayey	1,700	0 6 7	1 5 9	0 5 21	1 5 9	0 7 0	75.5	74.7	75.5	75.5
Waitaia	Hard white quartz, mineralised	1,200	0 18 19	3 17 0½	0 18 19	3 17 0½	0 5 5	39.1	36.3	39.0	39.0
J. Hope, Waitekauri	Hard, and oxidized	900	0 7 3	1 10 6	1 0 4	1 10 6	0 7 12	63.2	67.9	63.5	63.5
Wentworth, Whangamata	Clean quartz, with pyrites and arsenic	2,240	4 3 4	16 19 8	3 10 14	16 19 8	1 12 12	25.9	13.8	25.6	25.6
Wentworth, Whangamata	Clean quartz, with pyrites and arsenic	800	4 15 19	19 11 0	3 18 3	19 11 0	2 6 22	90.4	50.5	89.6	89.6