

TABULATED STATEMENT showing PARCELS of ORE treated at Thames School of Mines Experimental Plant during 1897-98—continued.

Name of Mine or Owner and District.	Description of Ore.	Dry Weight of Ore.	Assay-value of Ore per Ton.				Bullion saved.	Value per Ounce.	Percentage saved.		
			Gold.		Silver.				Gold.	Silver.	Value.
By CYANIDE.											
		Lb.	Oz. dwt. gr.	Oz. dwt. gr.	£ s. d.	Oz. dwt. gr.	£ s. d.				
E. J. Banks, Maratoto	Glassy quartz, with iron-oxides	2,250	0 10 22	2 19 14	2 8 7	1 16 19	0 17 3½	66·9	57·6	65·8	
Waitekauri King	Splintery, and containing iron and manganese	4,000	1 11 4	1 5 12	6 7 2	4 12 15	2 3 2	88·0	87·8	88·0	
Alpha, Waitekauri	Crytalline, with blue veins...	2,000	0 12 13	5 5 21	3 0 9	2 14 16	0 9 4	46·1	51·5	47·0	
Alpha, Waitekauri	Tailings	2,100	0 5 1	3 10 14	1 7 3	1 16 16	0 11 0	89·9	48·3	79·1	
Waitangi, Thames	Glassy quartz, mineralised	1,750	0 10 2	2 10 10	2 5 4	1 11 20	0 16 6	75·3	62·9	74·0	
Kawakawa	Light-brown and flinty quartz	1,400	0 2 12	0 1 9	0 10 1	0 0 17	1 13 2	18·2	49·3	18·2	
Royal Standard, Wharekiraupunga	Clean white quartz	7,500	1 3 22	2 12 22	5 1 0	12 3 0	1 5 9	92·9	87·4	92·6	
Royal Standard, Wharekiraupunga	Clean white quartz	800	2 1 14	8 18 21	9 4 2	2 16 6	0 16 2	70·2	60·4	69·3	
Union Beach	Black mud and shells	1,300	0 4 0	0 5 1	0 16 6	0 0 20	1 6 10	11·3	19·1	11·5	
Ohui	White quartz, with blue veins	2,880	2 7 22	8 1 8	10 7 9	6 3 18	0 16 3	37·4	42·2	37·7	
Mahara Royal, Tapu	Coarse tailings, clean	4,480	0 5 13	0 5 16	1 2 9	0 18 12	1 19 4½	80·0	81·0	80·1	
Sheridan, Tapu	Tailings	2,520	0 2 18	0 3 0	0 11 3½	0 5 0	1 18 2½	75·0	77·4	75·0	
Golden Point, Tapu	Glassy quartz, mullocky	1,500	0 0 22	0 0 14	0 3 9	0 0 15	2 10 5	63·1	60·8	63·0	

The tailings from two of the above parcels treated by cyanide were pan-amalgamated, and an extra percentage of bullion recovered thereby.—

	Percentage Saving of Original Assay-value.	Value.	
		Gold.	Silver.
Royal Standard ...	By cyanide ...	70·2	60·4
	By pan ...	10·5	4·1
	Total extraction ...	80·7	64·5
Ohui ...	By cyanide ...	37·4	42·2
	By pan ...	30·9	25·8
	Total extraction ...	68·3	68·0