

TABULATED STATEMENT showing PARCELS of ORE treated at Thames School of Mines Experimental Plant during 1899-1900.

| Name of Mine 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. |
| | | | Oz. dwt. gr. | £ s. d. | Oz. dwt. gr. | £ s. d. | | | | |
| A.—BY PAN-AMALGAMATION. | | | | | | | | | | |
| Maoriland, Ohui | White quartz, with blue veins | 800 | 6 6 1 | 26 14 9 | 0 20 1 | 2 10 | 83.6 | 52.9 | 80.6 | |
| Venus, Neavesville | Grey quartz and red oxides of iron | 800 | 0 3 12 | 0 2 12 | 0 16 2 | 8 9 | 80.0 | 74.4 | 79.5 | |
| Sheet Anchor, Omahu | Brown quartz | 1,800 | 11 14 9 | 104 17 3 | 55 18 0 | 0 12 4 | 95.9 | 69.8 | 91.8 | |
| Sheet Anchor, Omahu | Mullock and rubble | 5,400 | 4 8 5 | 28 14 17 | 75 10 0 | 0 14 10½ | 97.9 | 72.5 | 96.2 | |
| Welcome Jack, Gumtown | Brownish quartz, with blue veins | 5,500 | 27 14 3 | 76 17 13 | 206 15 0 | 1 7 1 | 93.0 | 80.1 | 92.2 | |
| Royal Standard, Wharekuraupunga | White quartz and mullock (O.) | 5,040 | 0 15 10 | 1 14 0 | 4 16 12 | 1 8 0 | 94.4 | 86.2 | 93.9 | |
| Royal Standard, Wharekuraupunga | White quartz (I.) | 7,000 | 0 14 12 | 1 11 17 | 6 12 7 | 1 7 2 | 93.4 | 78.8 | 91.0 | |
| Royal Standard, Wharekuraupunga | White quartz (II.) | 7,100 | 0 1 0 | 0 1 21 | 0 8 0 | 1 10 2 | 85.6 | 57.3 | 84.0 | |
| Bay of Islands | Rusty-coloured quartz | 2,000 | 3 3 0 | 7 6 5 | 1 11 6 | 1 12 0 | 87.8 | 81.5 | 87.6 | |
| Chelmsford, Tairua | Rusty-coloured quartz | 500 | 1 7 17 | 2 0 8 | 0 14 12 | 1 14 8 | 88.0 | 71.3 | 83.5 | |
| Chelmsford, Tairua | Rusty-coloured quartz (winze) | 560 | 0 1 18 | 0 5 1 | 0 10 12 | 1 4 2 | 94.5 | 31.6 | 83.2 | |
| Imperial, Karangahake | White flinty quartz | 4,480 | 0 1 8 | 70 14 1 | 30 6 6 | 1 1 7 | 97.2 | 73.1 | 93.6 | |
| Sheet Anchor | Hard brown quartz | 2,240 | 8 1 8 | 70 14 1 | 69 18 2 | 4 5 0 | 76.0 | 69.1 | 75.7 | |
| Sheet Anchor | Glassy quartz and rubble | 2,080 | 9 14 2 | 69 18 2 | 4 5 0 | 2 5 2 | 75.4 | 71.3 | 75.4 | |
| Waitekauri King | Foliated quartz, with manganese-oxides | 4,800 | 1 8 23 | 1 5 5 | 5 18 4 | 4 5 0 | 92.0 | 90.0 | 70.0 | |
| B.—BY CYANIDE. | | | | | | | | | | |
| Golden Belt, Neavesville | Mullock and flinty quartz | 850 | 0 5 22 | 0 4 4 | 1 4 4 | 1 1 | 75.4 | 71.3 | 75.4 | |
| Venus, Neavesville | Quartz coloured red, with iron-oxides | 800 | 0 3 12 | 0 2 12 | 0 14 3 | 4 0 | 92.0 | 90.0 | 91.9 | |
| Puriri | Clayey tailings | 2,360 | 0 2 2 | 1 16 13 | 0 8 4 | 2 0 | 70.0 | ... | 70.0 | |
| Royal Standard | White quartz and mullock | 2,600 | 0 16 9 | 1 12 18 | 3 3 9 | 2 0 | 93.2 | 87.4 | 92.9 | |
| Royal Standard | White quartz (I.) | 3,360 | 0 15 3 | 0 1 21 | 0 4 2 | 1 5 0 | 86.6 | 78.0 | 84.7 | |
| Royal Standard | White quartz (II.) | 3,360 | 0 1 0 | 7 6 5 | 13 6 7 | 4 2 | 87.3 | 90.4 | 87.4 | |
| Chelmsford, Tairua | Rusty-coloured quartz | 1,400 | 3 3 0 | 2 0 8 | 5 14 10 | 4 7 | 21.4 | 5.2 | 18.0 | |
| Chelmsford, Tairua | Rusty-coloured quartz | 1,540 | 1 7 17 | 1 17 19 | 5 4 7 | 0 1 | 74.4 | 39.2 | 67.7 | |
| Waitekauri King | Foliated quartz, with manganese | 2,600 | 1 5 5 | 7 6 5 | 4 0 1 | 6 0 | ... | ... | ... | |
| Monowai | Concentrates | 1,470 | 0 16 9 | 7 6 5 | 4 0 1 | 6 0 | ... | ... | ... | |
| Monowai | Concentrates (chloridized) | 1,470 | 0 15 3 | 7 1 4 | 3 14 7 | 2 2 | ... | ... | ... | |