

TABULATED STATEMENT of the PARCELS of ORE tested at the THAMES SCHOOL of MINES Experimental Plant during the last Year.

| Name of Mine and District. | Quantity of Ore treated. | Assay Value of Ore per Ton. | | | | Treated by Wet Crushing and saved on Copper Plates. | | | | Treated by Amalgamation and Chemicals. | | | | Remarks. | | | |
|----------------------------|--------------------------|-----------------------------|-----------|-----------|---|---|---------------------|---------------------------|----------|--|---------------------|---------------------------|---------------------------------|----------|---|------------------------------|--|
| | | Value. | Gold. | Silver. | Bullion. | Fineness in Gold. | Fineness in Silver. | Percent- age saved. | Bullion. | Fineness in Gold. | Fineness in Silver. | Percent- age saved. | Total per- centage saved. | | | | |
| | | | | | | | | | | | | | | | | | |
| | Lb. | £ s. d. | Oz. d. g. | Oz. d. g. | Oz. d. g. | | | | | Oz. d. g. | | | | | | | |
| Gem, Waiomo | 256 | 16 2 0 | 3 5 13 | 19 18 5 | .. | .. | .. | .. | .. | *1 9 13 | 241.4 | 758.6 | 87.0 | 87.0 | | | |
| " | 1,045 | 10 3 6 | 2 5 9 | 7 6 5 | 0 3 18 | 535.8 | 408.7 | 8.0 | 8.0 | *0 16 10 | 415.2 | 584.8 | 33.0 | 41.0 | | | |
| " | 910 | 10 4 6 | 2 5 9 | 7 16 6 | Both on plates and pans | | | | .. | .. | 0 9 18 | 161.4 | 838.5 | 9.0 | 9.0 | Ore contained lead chloride. | |
| " | 1,165 | 9 19 0 | 2 2 20 | 9 4 0 | Ore crushed wet and treated in pans, { Part with chemicals Part without chemicals | | | | | | | | | | 51.7 67.0 | | |
| " | 121 | 16 2 0 | 3 5 13 | 19 18 5 | Treated in berdan without chemicals | | | | | | | | | | .. | 96.0 | |
| Caledonia, Puhipuhi | Not given | 5 4 0 | .. | .. | 2 19 0 | 298.6 | 571.4 | 71.5 | 71.5 | 1 10 0 | 012.2 | 971.5 | 6.5 | 78.0 | | | |
| Prospectors' | 3,700 | .. | .. | 53 10 0 | .. | .. | .. | .. | .. | 75 0 0 | 003.2 | 769.8 | .. | 65.0 | | | |
| " | 720 | 7 7 0 | .. | 45 7 0 | .. | .. | .. | .. | .. | 12 12 0 | 003.2 | 996.1 | .. | 80.0 | Subjected to chloridizing, roasting with 10 per cent. salt and 3 per cent. iron-sulphate. | | |
| " | 2,530 | 5 5 0 | .. | 32 7 0 | .. | .. | .. | .. | .. | *36 5 0 | 002.5 | 799.5 | .. | 78.5 | Crushed dry. | | |
| Just-in-Time | 1,800 | 3 0 0 | 0 5 6 | 13 0 0 | .. | .. | .. | .. | .. | 9 3 0 | 015.9 | 966.5 | .. | 78.8 | Crushed dry and raw amalgamation. | | |
| Caledonia | 340 | 2 15 6 | 0 12 14 | 1 16 7 | 0 0 21 | 810.0 | 190.0 | 34.0 | 34.0 | *0 3 20 | 283.5 | 704.3 | 55.0 | 89.0 | | | |

The items marked thus * were treated with hot amalgamation.