

A-15

TABLE A-4: GARNET CONTENT AND TIN DISTRIBUTION IN THE SEPARATION PRODUCTS

| Product Size Fraction | Approx. Wt % Garnet | % Sn in Garnet* | Proportion of Sn in Product in Garnet, % |
|------------------------------------|---------------------|-----------------|--|
| >3.3 sp.gr. non-magnetic | | | |
| +75 μm | 55 | 0.14 | ~100 |
| -75+33 μm | 60 | 0.16 | ~70 |
| -33+17 μm | 75 | 0.19 | ~100 |
| -17+ 9 μm | 80 | 0.21 | ~80 |
| 3.1-3.3 sp.gr. non-magnetic | | | |
| +75 μm | 10 | 0.03 | ~25 |
| -75+33 μm | 5-10 | 0.01-0.03 | 10-30 |
| -33+17 μm | <5 | <0.01 | <10 |
| -17+ 9 μm | <5 | <0.01 | <10 |
| <3.1 sp.gr. non-magnetic | | | |
| +75 μm | 5 | 0.01 | ~20 |
| -75+33 μm | 3 | <0.01 | <20 |
| -33+17 μm | <3 | <0.01 | <20 |
| -17+ 9 μm | <3 | <0.01 | <20 |
| Ferromagnetic | | | |
| +75 μm | 15 | 0.04 | ~25 |
| -75+33 μm | <15 | <0.04 | ~25 |
| -33+17 μm | 5 | 0.01 | ~10 |
| -17+ 9 μm | 5 | 0.01 | ~10 |

*Assuming garnet contains an average of 0.26% Sn.