

2. Secondary Section (Grinding Through 170um)(a) Feed to Section

| Fraction μm | Percent | | | | | Percent Distribution | | | |
|---------------------------|---------|-----------------|-------|-------|--------|----------------------|------|------|------|
| | Mass | WO ₃ | Sn | F | S.Fe | WO ₃ | Sn | F | S.Fe |
| Residue * | 3.06 | 0.19 | 0.24 | 8.8 | 23.1 | 3.3 | 3.1 | 2.8 | 3.4 |
| M/S 1 M/A | 15.18 | 0.11 | 0.21 | 7.6 | 28.1 | 9.9 | 13.2 | 12.2 | 20.1 |
| T1T | 8.68 | 0.15 | 0.28 | 8.8 | 7.3 | 6.5 | 8.9 | 7.2 | 2.8 |
| Primary + 76 | 18.89 | 0.17 | 0.24 | 7.6 | 20.6 | 19.1 | 18.9 | 15.2 | 18.3 |
| Head | 45.81 | (.15) | (.24) | (7.9) | (20.7) | 38.8 | 44.1 | 37.4 | 44.6 |

* Residue from scoop box of ball mill.

(b) Sizing and Magnetic Separation

| Fraction μm | Percent | | | | | Percent Distribution | | | |
|---------------------------|---------|-----------------|--------|-------|--------|----------------------|------|------|------|
| | Mass | WO ₃ | Sn | F | S.Fe | WO ₃ | Sn | F | S.Fe |
| M/S 3N | 12.10 | 0.21 | 0.27 | 10.5 | 7.5 | 13.8 | 13.1 | 12.0 | 4.2 |
| M/S 3M/A | 15.14 | 0.12 | 0.23 | 7.4 | 31.8 | 9.9 | 13.9 | 10.5 | 22.0 |
| -170+76 | 27.24 | (0.16) | (0.25) | (8.8) | (21.0) | 23.7 | 27.0 | 22.5 | 26.2 |
| -76+53 | 9.14 | 0.14 | 0.23 | 7.9 | 21.0 | 6.9 | 8.4 | 6.8 | 8.8 |
| -53 | 9.43 | 0.16 | 0.23 | 9.2 | 22.3 | 8.2 | 8.7 | 8.1 | 9.6 |
| Head | 45.81 | (0.16) | (0.24) | (8.7) | (21.3) | 38.8 | 44.1 | 37.4 | 44.6 |

(c) Concentration of -170 + 76 M/S 3 N

| Fraction μm | Percent | | | | | Percent Distribution | | | |
|---------------------------|---------|-----------------|--------|--------|-------|----------------------|------|------|------|
| | Mass | WO ₃ | Sn | F | S.Fe | WO ₃ | Sn | F | S.Fe |
| M/S 4N | Tr.* | 29.0 | 21.3 | - | - | 0.2 | 0.1 | - | - |
| M/S 4M/A | 0.08* | 12.8 | 0.73 | 2.2 | 17.3 | 4.4 | 0.3 | Tr. | 0.1 |
| F2T | 0.08 | (14.1) | (1.1) | (2.2) | 17.0 | 4.6 | 0.4 | Tr. | 0.1 |
| F2C | 0.14 | 0.13 | 0.18 | 1.1 | 4.2 | 0.1 | 0.1 | Tr. | Tr. |
| T2C | 0.22 | (4.4) | 0.47 | (1.4) | (8.3) | 4.7 | 0.5 | Tr. | 0.1 |
| T2T | 11.88 | 0.16 | 0.24 | 11.2 | 6.9 | 9.1 | 12.6 | 12.0 | 4.1 |
| M/S 3N | 12.10 | (0.24) | (0.24) | (11.0) | (6.9) | 13.8 | 13.1 | 12.0 | 4.2 |
| Head Analysis | - | (.21) | .27 | 10.5 | 7.5 | | | | |

* * Calculated masses. Tr. = 0.0012% 0.08 = 0.0718%