

TABLE B9: TIN DISTRIBUTION IN THE LEACH RESIDUES OF THE &gt;4.0 SP.GR. PRODUCTS OF TWO SIZE FRACTIONS OF THE HEAD SAMPLES

| Sample   | Size Fraction |               | Size Fractions of Leach Residue |               | Wt. %    | Sn       |          |
|----------|---------------|---------------|---------------------------------|---------------|----------|----------|----------|
|          | BSS Mesh      | $\mu\text{m}$ | BSS Mesh                        | $\mu\text{m}$ |          | Assay, % | Distn. % |
| PC1      | -30+52        | -500+300      | +52                             | +300          | 26.7     | 39.5     | 62.9     |
|          |               |               | -52+100                         | -300+150      | 42.9     | 11.5     | 28.9     |
|          |               |               | -100+200                        | -150+75       | 13.0     | 5.70     | 5.1      |
|          |               |               | -200+300                        | -75+53        | 7.0      | 3.56     | 1.7      |
|          |               |               | -300                            | -53           | 8.5      | 2.78     | 1.4      |
|          |               |               | Total                           |               | 100.0    | (16.8)   | 100.0    |
| PC1      | -72+150       | -210+105      | +100                            | +150          | 23.8     | 38.8     | 36.9     |
|          |               |               | -100+200                        | -150+75       | 48.1     | 44.0     | 55.8     |
|          |               |               | -200+300                        | -75+53        | 1.1      | 19.5     | 0.6      |
|          |               |               | -300                            | -53           | 27.0     | 9.4      | 6.7      |
|          |               |               | Total                           |               | 100.0    | (37.9)   | 100.0    |
|          |               |               | PC2                             | -30+52        | -500+300 | +52      | +300     |
| -52+100  | -300+150      | 31.4          |                                 |               |          | 8.68     | 21.3     |
| -100+200 | -150+75       | 20.9          |                                 |               |          | 4.02     | 6.6      |
| -200+300 | -75+53        | 12.1          |                                 |               |          | 3.54     | 3.3      |
| -300     | -53           | 14.9          |                                 |               |          | 3.82     | 4.5      |
| Total    |               | 100.0         |                                 |               |          | (12.6)   | 100.0    |
| PC2      | -72+150       | -210+105      | +100                            | +150          | 21.5     | 50.1     | 36.7     |
|          |               |               | -100+200                        | -150+75       | 44.4     | 37.6     | 56.9     |
|          |               |               | -200+300                        | -75+53        | 14.8     | 6.60     | 3.3      |
|          |               |               | -300                            | -53           | 19.3     | 4.60     | 3.0      |
|          |               |               | Total                           |               | 100.0    | (29.3)   | 100.0    |
|          |               |               | SC1                             | -30+52        | -500+300 | +52      | +300     |
| -52+100  | -300+150      | 38.4          |                                 |               |          | 8.75     | 27.0     |
| -100+200 | -150+75       | 22.4          |                                 |               |          | 7.00     | 13.2     |
| -200+300 | -75+53        | 12.7          |                                 |               |          | 10.1     | 10.8     |
| -300     | -53           | 19.7          |                                 |               |          | 21.1     | 34.9     |
| Total    |               | 100.0         |                                 |               |          | (13.3)   | 100.0    |
| SC1      | -72+150       | -210+105      | +100                            | +150          | 9.1      | 12.7     | 11.7     |
|          |               |               | -100+200                        | -150+75       | 49.0     | 7.16     | 35.6     |
|          |               |               | -200+300                        | -75+53        | 17.6     | 8.46     | 15.1     |
|          |               |               | -300                            | -53           | 24.3     | 15.2     | 37.5     |
|          |               |               | Total                           |               | 100.0    | (9.85)   | 100.0    |
|          |               |               | SC2                             | -30+52        | -500+300 | +52      | +300     |
| -52+100  | -300+150      | 41.9          |                                 |               |          | 41.5     | 37.7     |
| -100+200 | -150+75       | 15.1          |                                 |               |          | 25.1     | 8.2      |
| -200+300 | -75+53        | 4.7           |                                 |               |          | 24.3     | 7.5      |
| -300     | -53           | 4.0           |                                 |               |          | 3.3      | 2.0      |
| Total    |               | 100.0         |                                 |               |          | (46.2)   | 100.0    |
| SC2      | -72+150       | -210+105      | +100                            | +150          | 29.0     | 70.6     | 37.6     |
|          |               |               | -100+200                        | -150+75       | 53.1     | 54.5     | 53.2     |
|          |               |               | -200+300                        | -75+53        | 8.3      | 32.9     | 5.0      |
|          |               |               | -300                            | -53           | 9.6      | 23.6     | 4.2      |
|          |               |               | Total                           |               | 100.0    | (54.4)   | 100.0    |