

(b) Results

Test Product	Size Fractions		Cyclosizer	Weight %	Assay % Sn	Distribution % Sn
	µm					
Sulphide Ro Conc	-75	+38		0.62	0.35	0.65
Sulphide Ro Conc	-38	+30	C1	0.44	0.35	0.46
Sulphide Ro Conc	-30	+22.3	C2	0.21	0.49	0.31
Sulphide Ro Conc	-22.3	+15.7	C3	0.24	0.55	0.40
Sulphide Ro Conc	-15.7	+10.3	C4	0.29	0.38	0.33
Sulphide Ro Conc	-10.3	+ 8.0	C5	0.20	0.45	0.27
Sulphide Ro Conc	- 8.0		-C5	1.47	0.34	1.51
(Sulphide Ro Conc)				(3.47)	(0.38)	(3.93)
Tin Rougher Conc	-75	+38		0.17	42.3	21.65
Tin Rougher Conc	-38	+32.5	C1	0.27	41.4	33.66
Tin Rougher Conc	-32.5	+24.2	C2	0.18	11.5	6.23
Tin Rougher Conc	-24.2	+17.0	C3	0.35	6.20	6.53
Tin Rougher Conc	-17.0	+11.2	C4	0.74	2.25	5.01
Tin Rougher Conc	-11.2	+ 8.7	C5	0.69	0.94	1.95
Tin Rougher Conc	- 8.7		-C5	5.55	0.30	5.01
(Tin Rougher Conc)				(7.95)	(3.34)	(80.04)
Tin Rougher Tail				88.58	0.06	16.03
Calc Head				100.00	0.33	100.00
Assay Head					0.35	

Note: C1 to C5 denotes cyclosizing product Conc 1 to Conc 5.

(c) Comments

- (i) Overall tin recovery (in sulphide and tin rougher flotation concentrates) in Tests 5 + 6 (83.9%) was not as high as that obtained in Test 3 (97.1%) and Test 4 (93.8%) of Stage I. Reasons for the varying recoveries in these tests are not clear although conditions used in flotation were very similar.
- (ii) More than half of the tin content of the Head Sample No. 1 ground to 100% -75 µm was reported in the two coarsest size fraction (-75 +38 µm and Conc 1 cyclosize) and this was successfully recovered by flotation as a high grade sized product in excess of 40% Sn.