

Test PC2/F3 - Stage grind to 100% -150 μ m at 60% solids (4 min., 500 g charge); sulphide pre-float; stage tin rougher floats.

(a) Flotation Conditions and Reagents

Stage	Conditions		pH	Reagent Addition kg/t			
	Time (min.)			PAX	PTAA	H ₂ SO ₄	MIBC
	Conditioning	Flotation					
Sulphide Ro Float 1	2	5	5.6	0.01	-	-	0.04
Sulphide Ro Float 2	2	5	5.6	0.01	-	-	0.02
Tin Rougher Float 1	5	5	5.0	-	0.25	0.132	0.01
Tin Rougher Float 2	5	5	5.0	-	0.25	0.100	0.01
Tin Rougher Float 3	5	5	5.0	-	0.20	0.080	0.01
Tin Rougher Float 4	5	5	5.0	-	0.20	0.074	0.01
Tin Rougher Float 5	5	5	5.0	-	0.10	0.040	0.01
Tin Rougher Float 6	5	5	5.0	-	0.10	0.040	0.01
Tin Rougher Float 7	5	5	5.0	-	0.10	0.040	0.01
Tin Rougher Float 8	5	5	5.0	-	0.10	0.040	0.01
Tin Rougher Float 9	5	5	5.0	-	0.10	0.040	0.01

(b) Results

Test Product	Weight %	Assay Sn %	Distribution Sn %
Sulphide Ro Conc	8.69	0.325	9.03
Tin Rougher Conc 1	1.34	4.99	1.86
Tin Rougher Conc 2	1.29		
Tin Rougher Conc 3	1.01		
Tin Rougher Conc 4	0.83		
Tin Rougher Conc 5	0.52		
Tin Rougher Conc 6	0.34	0.82	8.35
Tin Rougher Conc 7	0.48		
Tin Rougher Conc 8	0.37		
Tin Rougher Conc 9	0.49	0.86	7.10
(Tin Rougher Conc)	(6.67)		
Tin Rougher Tail	84.64	0.074	20.03
Calc Head	100.00	0.31	100.00
Assay Head		0.29	