

Test PC2/F2 - Stage grind to 100% -75  $\mu$ m at 60% solids (7 $\frac{1}{2}$  min., 500 g charge);  
sulphide pre-float; stage tin rougher floats using new stock  
(Stage II) PTAA as collector.

(a) Flotation Conditions and Reagents

Stage	Conditions			Reagent Addition kg/t			
	Time (min.)		pH	PAX	PTAA	H <sub>2</sub> SO <sub>4</sub>	MIBC
	Conditioning	Flotation					
Sulphide Rougher Float 1	2	5	6.1	0.01	-	-	0.04
Sulphide Rougher Float 2	2	5	6.1	0.01	-	-	0.02
Tin Rougher Float 1	5	5	5.0	-	0.10	0.104	0.01
Tin Rougher Float 2	5	5	5.0	-	0.10	0.060	0.01
Tin Rougher Float 3	5	5	5.0	-	0.10	0.056	0.01
Tin Rougher Float 4	5	5	5.0	-	0.10	0.044	0.01
Tin Rougher Float 5	5	5	5.0	-	0.10	0.044	0.01
Tin Rougher Float 6	5	5	5.0	-	0.20	0.076	0.01
Tin Rougher Float 7	5	5	5.0	-	0.20	0.076	0.01
Tin Rougher Float 8	5	5	5.0	-	0.30	0.120	0.01
Tin Rougher Float 9	5	5	5.0	-	0.30	0.120	0.01

(b) Results

Test Product	Weight %	Assay % Sn	Distribution % Sn	
Sulphide Ro Conc	11.75	0.35	12.40	
Tin Rougher Conc 1	0.89	3.04	17.41	
Tin Rougher Conc 2	0.69			
Tin Rougher Conc 3	0.49			
Tin Rougher Conc 4	0.51			
Tin Rougher Conc 5	0.46			
Tin Rougher Conc 6	0.71	1.36	5.80	23.74
Tin Rougher Conc 7	0.65	2.49	4.55	34.19
Tin Rougher Conc 8	0.95			
Tin Rougher Conc 9	1.54			
(Tin Rougher Conc)	(6.89)	(3.63)	(75.34)	
Tin Rougher Tail	81.36	0.05	12.26	
Calc Head	100.00	0.30	100.00	
Assay Head		0.29		