Test PC2/F1 - Stage grind to 100% -75 µm at 60% solids (7½ min., 500 g charge); sulphide pre-float; stage tin rougher floats using old stock (Stage I) PTAA as collector.

(a) Flotation Conditions and Reagents

Stage	Conditions			Reagent Addition kg/t			
	Time (min.)		pH	PAX	PTAA	H_2SO_4	MIBC
	Conditioning	Flotation					
Sulphide Rougher Float 1	2	5	5.9	0.01	-	-	0.04
Sulphide Rougher Float 2	2	5	5.9	0.01	-	-	0.02
Tin Rougher Float 1	5	5	5.0	-	0.10	0.092	0.01
Tin Rougher Float 2	5	5	5.0	-	0.10	0.034	0.01
Tin Rougher Float 3	5	5	5.0	-	0.10	0.034	0.01
Tin Rougher Float 4	5	5	5.0	-	0.10	0.034	0.01
Tin Rougher Float 5	5	5	5.0	-	0.10	0.034	0.01
Tin Rougher Float 6	5	5	5.0	-	0.20	0.046	0.01
Tin Rougher Float 7	5	5	5.0	-	0.20	0.044	0.01
Tin Rougher Float 8	5	5	5.0	-	0.30	0.064	0.01
Tin Rougher Float 9	5	5	5.0	-	0.30	0.064	0.01

Notes: PTAA old stock (Stage I) = Solution TF100/10% Active (ex I.C.I.) used only in Test PC2/F1, Ore Sample No. 1/Tests 5 + 6.

PTAA new stock (Stage II) = Solid/75% Active (ex I.C.I./Mitsubishi) used in all other tests.