

Test PC2/BF - Stage grind to 100% -401 μ m at 60% solids (6 min., 16 kg charge); stage sulphide rougher floats in 40 litre cell followed by cleaner and recleaner floats at higher densities.

(a) Flotation Conditions and Reagents

Stage	Conditions			Reagent Addition kg/t	
	Time (min.)		pH	PAX	MIBC
	Conditioning	Flotation			
Rougher Float 1	2	5	5.9	0.01	0.03
Rougher Float 2	2	5	-	0.01	-
Rougher Float 3	2	5	-	0.01	-
Rougher Float 4	2	5	-	0.01	0.01
Rougher Float 5	2	5	-	0.01	-
Cleaner Float 1	-	5	5.3	-	-
Cleaner Float 2	2	5	-	0.01	-
Recleaner Float	-	5	5.5	-	-

(b) Results

Test Product	Weight %	Assay %				Distribution %				
		Sn	Acid Soluble Sn	Total S	Fe	Sn	Acid Soluble Sn	Total S	Fe	
Sulphide Recl Conc	4.03	0.24	0.16	50.0	43.4	3.47	25.15	27.09	37.02	
Sulphide Recl Tail	0.33	95.97	0.28	0.02	5.65	3.10	96.53	74.85	72.91	62.98
Sulphide Cl Tail	4.53									
Sulphide Ro Tail	21.11									
Calc Head	100.00	0.28	0.026	7.44	4.72	100.00	100.00	100.00	100.00	
Assay Head		0.29	0.02	7.85	4.65					