

Test SC1/HG - 289.1 g of combined table/superpanner concentrates (+250 to -53  $\mu\text{m}$  in proportion by weight) used for testing; stage dry grind to 100% -150  $\mu\text{m}$ ; stage sulphide floats at highest density possibly; superpanning sulphide flotation tail.

(a) Flotation Conditions and Reagents

Stage	Conditions			Reagent Addition kg/t	
	Time (min.)		pH	SSBX	MIBC
	Conditioning	Flotation			
Sulphide Ro Float 1	2	5	6.0	0.02	0.04
Sulphide Ro Float 2	2	5	6.0	0.02	0.02
Sulphide Ro Float 3	2	5	6.0	0.02	0.02
Sulphide Ro Float 4	2	5	6.0	0.02	0.02

(b) Results

Test Product	Weight %	Assay %		Distribution %	
		Sn	Total S	Sn	Total S
Sulphide Ro Conc	76.28	1.64	35.4	16.93	93.69
Superpanner Tin Conc	15.46	37.2	5.25	77.82	2.82
Superpanner Tin Tail	8.26	4.7	12.2	5.25	3.49
(Sulphide Ro Tail)	(23.72)	(25.9)	(7.67)	(83.07)	(6.31)
Calc Head	100.00	7.39	28.8	100.00	100.00