

TABLE B7: CASSITERITE LIBERATION IN HEAVY PRODUCTS (SP.GR. >4.0)

Sample	Size Fraction (μm)	% Lib. Cassit.	% Locked in Binary Grains With				% Locked in Ternary (+) Grains
			Non-op. Gangue	Fe-Ti Oxides	Pyrite	Pyrrhotite	
Porphyry Comp. 1 (PC1)	+500	-	92	-	-	-	8
	-500 +300	24	63	-	-	-	13
	-300 +210	43	44	3	3	-	7
	-210 +105	56	39	3	1	-	1
	-105 + 53	73	22	4	1	-	-
Total Heavy Pr.		(42)	(50)	(2)	(1)	(-)	(5)
Porphyry Comp. 1 (PC2)	+500	-	90	-	-	-	10
	-500 +300	34	58	-	-	-	8
	-300 +210	51	43	2	1	-	3
	-210 +105	55	39	4	1	-	1
	-105 + 53	60	35	1	1	-	3
Total Heavy Pr.		(40)	(54)	(1)	(1)	(-)	(4)
Sulphide Comp. 1 (SC1)	+500	6	26	-	2	2	64
	-500 +300	-	13	-	-	19	68
	-300 +210	5	27	-	1	25	42
	-210 +105	25	44	2	-	14	15
	-105 + 53	54	23	4	6	10	3
Total Heavy Pr.		(13)	(27)	(1)	(2)	(9)	(48)

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