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Results Obtained1. Primary Section (Grinding through 300 μ m)(a) Sizing and Magnetic Separation

Fraction μ m	Percent					Percent Distribution			
	Mass	WO ₃	Sn	F	S.Fe	WO ₃	Sn	F	S.Fe
-300+170 M/S1N	8.84	0.21	0.26	7.7	6.8	11.1	9.6	7.2	2.8
-300+170 M/S1M/A	15.18	0.11	0.21	7.6	28.1	9.9	13.2	12.2	20.1
-300 + 170	24.02	(0.15)	(0.23)	(7.6)	(20.3)	21.0	22.8	19.4	22.9
-170 + 76	18.89	0.17	0.24	7.6	20.6	19.1	18.9	15.2	18.3
-76 + 53	11.86	0.16	0.23	8.4	20.9	11.3	11.3	10.5	11.7
-53	42.17	0.18	0.25	11.7	22.0	45.3	43.9	52.1	43.7
Residue in Scoop Box	3.06	0.19	0.24	8.8	23.1	3.3	3.1	2.8	3.4
Head	100	(0.17)	(0.24)	(9.5)	(21.2)	100	100	100	100
Head Analysis	-	0.14	0.24	9.8	21.2				

(b) Concentration of -300 + 170 μ m 1N

Fraction μ m	Percent					Percent Distribution			
	Mass	WO ₃	Sn	F	S.Fe	WO ₃	Sn	F	S.Fe
M/S2N	Tr.*	38.2	25.7	-	-	0.5	0.2	Nil	Nil
M/S2M/A	0.02*	48.3	0.91	1.3	14.3	3.3	0.1	Tr.	Tr.
F1F	0.02	(46.8)	(4.7)	(1.1)	(12.1)	3.8	0.3	Tr.	Tr.
F1C	0.14	1.1	0.82	2.8	4.1	0.8	0.4	Tr.	Tr.
T1C	0.16	(5.7)	(1.2)	(2.6)	(4.8)	4.6	0.7	Tr.	Tr.
T1F	8.68	0.15	0.28	8.8	7.3	6.5	8.9	7.2	2.8
Head-300+170M/S1N	8.84	(0.25)	(0.30)	(8.7)	(7.3)	11.1	9.6	7.2	2.8
Head Analysis	-	0.21	0.26	7.7	6.8				

* Calculated masses Tr. = 0.0025% & 0.02 = 0.0138.