

3. Tertiary Section ( Grinding Through 76  $\mu$ m)(a) Feed to Section

Fraction $\mu$ m	Percent					Percent Distribution			
	Mass	WO <sub>3</sub>	Sn	F	S.Fe	WO <sub>3</sub>	Sn	F	S.Fe.
Primary-76+53	11.86	0.16	0.23	8.4	20.9	11.3	11.3	10.5	11.7
Secondary-76+53	9.14	0.14	0.23	7.9	21.0	6.9	8.4	6.8	8.8
M/S 3 M/A	15.14	0.12	0.23	7.4	31.8	9.9	13.9	10.5	22.0
T2T	11.88	0.16	0.24	11.2	6.9	9.1	12.6	12.0	4.1
Head	48.02	(0.14)	(0.23)	(8.7)	(20.9)	37.2	46.2	39.8	46.6

(b) Sizing and Magnetic Separation.

Fraction $\mu$ m	Percent					Percent Distribution			
	Mass	WO <sub>3</sub>	Sn	F	S.Fe	WO <sub>3</sub>	Sn	F	S.Fe
M/S 5N	19.95	0.12	0.29	9.3	7.4	17.6	21.1	19.5	6.8
M/S 5M/A	17.93	0.08	0.23	6.1	36.3	10.6	15.1	11.5	30.2
-76+53	37.88	(0.10)	(0.26)	(7.8)	(21.1)	28.2	36.2	31.0	37.0
-53	10.14	0.12	0.27	8.2	20.3	9.0	10.0	8.8	9.6
Head	48.02	(0.11)	(0.26)	(7.9)	(20.9)	37.2	46.2	39.8	46.6

(c) Concentration of -76 + 53 M/S 5N

Fraction $\mu$ m	Percent					Percent Distribution			
	Mass	WO <sub>3</sub>	Sn	F	S.Fe	WO <sub>3</sub>	Sn	F	S.Fe
M/S 6N	Tr.*	32.2	26.6	-	-	1.4	.7	-	-
M/S 6M/A	0.04*	23.8	3.4	1.1	15.4	5.8	.4	Tr.	0.1
F3T	0.04	(25.1)	(7.0)	(1.1)	(13.1)	7.2	1.1	Tr.	0.1
F3O	0.11	0.13	0.18	0.8	4.1	0.1	0.1	Tr.	Tr.
T3O	0.15	(7.5)	(2.2)	(0.9)	(6.8)	7.3	1.2	Tr.	0.1
T3T	19.80	0.08	0.27	9.3	6.7	10.3	19.9	19.5	6.7
M/s 5N	19.95	(0.14)	(0.28)	(9.2)	6.7	17.6	21.1	19.5	6.8
Head Analysis		0.12	0.29	9.3	7.4				

\* \* Calculated masses Tr. = 0.0068% & 0.04 = 0.0373% "