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3. Gravity Concentration

Grind	Fraction	Per Cent					Percent Dist.			
		Mass	Davis Tube M/A	S.F	Sn	WO ₃	Davis Tube M/A	S.F	Sn	WO ₃
A	+500µm untreated	8.6	23.0	6.8	.23	.10	7.9	8	7.1	4.8
	-500µm+295µm T/C	1.7	41.0	5.7	.28	.32	2.8	1	1.7	3.0
	-500µm+295µm T/T	14.3	23.0	5.8	.25	.12	13.1	11	12.9	9.4
	HEAD-500µm+295µm	16.0	(24.9)	(5.8)	(.25)	(.14)	15.9	12	14.6	12.4
	+295µm+150µm T/C	1.5	47.0	4.4	.32	.69	2.8	1	1.7	5.7
	-295µm+150µm T/T	7.2	27.0	6.4	.29	.16	7.7	6	7.6	6.3
	HEAD-295µm+150µm	8.7	(30.4)	(6.1)	(.30)	(.25)	10.5	7	9.3	12.0
	G/O T/C	3.5	76.0	1.7	.46	1.2	10.6	1	5.8	23.1
	G/O T/M1	22.5	37.0	8.5	.28	0.13	33.1	25	22.8	16.1
	G/O T/M2	23.9	9.0	8.0	.25	.10	8.6	25	21.6	13.1
	G/O T/T	16.8	20.0	10.7	.31	.20	13.4	23	18.8	18.5
	HEAD G/O	66.7	(24.7)	(8.5)	(.29)	(.19)	65.7	74	69.0	70.8
HEAD, GRIND A	100	(25.1)	(7.7)	(.28)	(.18)	100	100	100	100	
B	+150µm Untreated	1.7	27.0	6.1	.25	.17	1.8	1	1.6	1.6
	G/O T/C	4.7	71.0	1.6	.47	1.1	13.1	1	8.2	29.3
	G/O T/M1	16.0	46.0	6.2	.28	.18	28.8	13	16.6	16.3
	G/O T/M2	48.6	24.5	7.2	.24	.09	46.6	46	43.4	24.8
	G/O T/T	29.0	8.5	10.3	.28	.17	9.7	39	30.2	28.0
	G/O HEAD	98.3	(25.5)	(7.7)	(.27)	(.18)	98.2	99	98.4	98.4
	HEAD, GRIND B	100	(25.5)	(7.7)	(.27)	(.18)	100	100	100	100
C	G/O T/C	8.5	62.5	3.9	.47	.62	21.1	4	14.5	32.7
	G/O T/M1	28.7	47.0	5.3	.23	.08	53.5	20	24.0	14.2
	G/O T/M2	17.2	16.0	9.3	.24	.10	10.9	20	15.0	10.7
	G/O T/T	45.6	8.0	9.5	.28	.15	14.5	56	46.5	42.4
	HEAD GRIND C	100	(25.2)	(7.8)	(.27)	(.16)	100	100	100	100

Gravity concentration has achieved little in respect to separation of any specific mineral. Concentrations of magnetite have generally occurred in gravity concentrates but the same cannot be stated for cassiterite or scheelite. Fluorite, on the other hand has been slightly concentrated in the gravity tailings.