

From an overall feed of 0.24% Sn, the 2.96 S.G. floats contained 85.4 percent of the weight with 6.93 percent of the tin assaying 0.02% Sn.

High recoveries of cassiterite from this hole for a high weight rejection should be achievable on gravity separation devices.

Table 7: Overall Heavy Liquid Separations

Specific Gravity	Component	Weight	%Weight	% Tin	Distribution
<2.96	Floats	592.69	85.39	0.02	6.93
2.96 - 3.30	Middlings	12.88	1.85	0.98	7.35
>3.30	Sinks	6.74	0.97	19.84	78.04
Fines	Fines	81.78	11.79	0.16	7.68
Total	Head	694.09	100.00	0.24	100.00

Table 8: Sink Department at 3.30 S.G.

Size	%WT	%Sn	Recovery	Head %Sn	Upgrading Ratio
+ 1180	0.47	38.6	85.87	0.21	183.8
+ 600	0.72	29.1	91.34	0.23	126.5
+ 300	1.72	15.1	96.35	0.27	55.9
+ 150	1.62	15.4	92.69	0.27	57.0
+ 75	1.40	12.2	81.24	0.38	32.1
TOTAL + 75	1.10	19.8	91.69	0.24	82.5