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Table 2: Sink Deportment at 3.30 S.G.

Size	%WT	%Sn	Recovery	Head %Sn	Upgrading Ratio
+ 1180	2.44	3.64	56.53	0.16	22.8
+ 600	2.11	3.81	62.16	0.13	29.3
+ 300	6.18	3.40	84.85	0.25	13.6
+ 150	10.70	2.89	92.03	0.31	9.3
+ 75	5.85	1.52	29.10	0.31	4.9
TOTAL + 75	5.50	2.97	71.18	0.23	12.9

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Mineralogical examination indicates that cassiterite reporting to the + 850 micron sink product was in the order of 60 percent liberated. Overall heavy liquid results gave a 3.30 S.G. product, assaying 13.58 percent tin with a recovery of 74.56 percent.

Figure 3 illustrates maximum deportment of tin to 2.96 S.G. sinks occurs at sizes less than 425 microns. At the coarsest size of 1670 to 1180 micron, 80 percent of the tin reported to 2.96 S.G. sinks with 5 percent of the weight of this fraction.

Maximum weight to sinks was not reached til sizes less than 212 microns, indicating liberation of other heavy minerals occurring at the finer sizes.