

087

1. SUMMARY

Mineralogical examinations revealed the four holes tested contained no new phases and fitted into the general category for Blue Tiers mineralogy.

BT 64

Separations at 3.30 S.G. produced a sinks product assay of 2.97% Sn which is the lowest sinks assay for all the holes so far tested. Dilution of sinks was due to increased amounts of composites and free biotite and topaz reporting to sinks.

BT 65

Separation gave the lowest tin loss to floats of the holes so far tested, while still maintaining a high weight rejection to 3.30 S.G. floats of 79 percent. Sink assay at 3.30 S.G. separation was 13.58% Sn and consisted of cassiterite (approximately 80% liberated) and biotite and topaz.

BT 66

Tin distribution was evenly distributed throughout the sample with tin deportment to sinks reaching a peak at 212 microns. The 3.30 S.G. sink product assayed 14.70% Sn for 2.56% of the weight and 66.08% of the tin.

BT 68

Thirty percent of the tin in this sample was coarser than 850 microns and 90% of this tin reported to 3.30 S.G. sinks assaying 31.5% Sn. Overall, 3.30 S.G. sink assay was 19.84% Sn for a recovery of 78.04 percent.