

for a more effective initial sulphide removal by flotation prior to gravity treatment. The overall tin extraction could be improved by middling retreatment and by recovering the very fine tin material using a 'tail-end' flotation circuit in conjunction with the gravity circuit. SC2 gave the best amenable results in the conventional beneficiation testwork followed by PC2 and PC1. SC1 appeared to be the most difficult sample to treat with this method. In attempting to produce high grade concentrates from the low grade gravity products, it was shown that a process involving further removal of sulphide by flotation with a finer grind feed, followed by superpanning, was effective. Final tin concentrates in excess of 45% Sn were obtained for composite samples except for SC1 which gave a concentrate grade of 37.2% Sn.