

concentrates being heavily contaminated by sulphides (including presumably arsenopyrite). Appendix K demonstrates this phase of the testing.

5. The elimination of sulphides, by sulphide flotation, prior to gravity concentration and cassiterite flotation tests, throughout the total AMDEL testing have been unsatisfactory.

Further testwork, prior to handling all important samples, should proceed to develop,

(a) Better procedures for suppression (with C.M.C. and other compounds) or flotation of ores containing talc. Tin losses and associated problems associated with sample SC2 should be referred to on pages F4; 12; E43 to E47.

(b) Develop sulphide flotation procedures that secure in sulphide froth products, 95+% of the sulphur in feeds. (refer (6) following). The sulphur elimination as reported, for a "traditional cassiterite concentration" approach, wherever it has been measured, in the AMDEL test programme has been poor, and obviously these unfloated sulphides can confuse the overall interpretation of results. The unsatisfactory rejection of sulphides, by sulphide flotation, reported in entirety where sulphur assays allow for such measurements, is given on pages, E27; E36; F1; F2; F3; F4; K1; K2; K3; K4.