

much more selective than the significantly cheaper reagents S3903 and CA540.

No cleaning-upgrading flotation tests, to produce "commercial grade" flotation concentrates, were included in the defined test programme.

Some good reasons for this could include

- (a) Insufficient weight of material available for testing
- (b) High cost involved with such testing
- (c) The parameters of testing in this stage must be clearly defined by the Client, otherwise the duplication of cost, and confusion would eventuate. This comment obviously applies to whether a "conventional" or "non conventional" approach is to be made with the testing of the Bischoff ores.

The results of these stage rougher cassiterite flotation tests are again somewhat interpretable irrespective of whether in the ultimate, a "conventional" or "non conventional" metallurgical approach is adopted.

The reagent costs in the PC1 and PC2 samples tested outweighs the financial value of the stage rougher concentrates produced. Cleaning of these rougher flotation concentrates by flotation plant procedures would lose substantial amounts of cassiterite having a particle size courser than about 20 microns.