

B and W Report - on Redesign Waste for Flotation Descending

The 'quick' method for silica seems more elaborate than our method, and includes an allowance for tobacco moisture which we don't. Even so, they indicate by the 8711 correction factor, a 13% discrepancy between their quick method and their slow (and presumably accurate) method. Are they being too cautious?

2. It would be interesting to know what agreement they get between total silicas on a material, and silicas calculated from weight percents of sieve fractions and silica contents of those fractions. We have considerable discrepancies in this area at times. Sampling seems to be the main problem.

3. Presumably columns 2-4 in Table 19 refer to -50 mesh dust. What happens to the +50 material - is it assumed that this will be desanded on a Forsberg?

4. What is the significance of 270 mesh (Table 17) - is this the lower limit of effective flotation.

5. The analyses in Table 9 indicate wide sample-to-sample variation in size and silica distribution. If this is real (and not due to sampling problems), how is it likely to effect a flotation process?

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