



Mini Surveys...

Unit Operation · Battery Limit · Benchmarking · Sampling · Plant Support · High Confidence · QemSCAN · Fast Turnaround



About Mini Surveys...

Concentrator optimisation is most effectively achieved when using statistically robust data. These data are produced by the Mini Survey and the larger Statistical Benchmark Survey.

Xstrata Process Mineralogy offers Mini Surveys designed to assess either a unit operation or the overall Battery Limit in the circuit. Whether your focus is to better understand a problematic section of the flowsheet or to benchmark your operation - sampling, high confidence chemical mass balances followed by QemSCAN analyses are a critical component to the assessment.

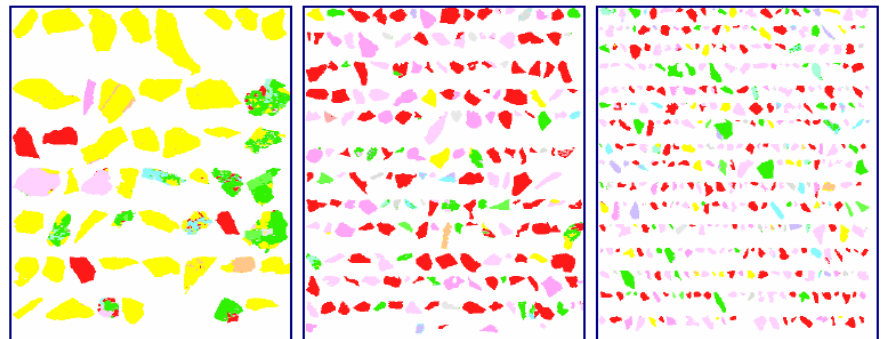
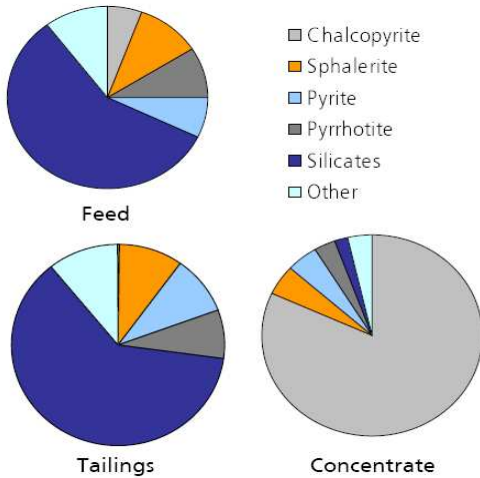
The Mini Survey option is similar to the Benchmark Survey in terms of the types of data reported and confidence level. It does, however, provide a faster turnaround time and can be completed at lower cost as a result of the reduced scope.

The objective of the Xstrata Process Mineralogy team is to provide our clients with data that will enable them to focus their efforts where the largest opportunities exist for improved plant performance

Key Capabilities...

We offer the following key capabilities and results.

- Design of survey protocols to ensure high confidence results
- Depending on requirements, provide supervision and sampling assistance
- Chemical and mineral mass balances
- Characterisation of Rougher or Regrind Feed, providing clues to grinding performance by including liberation.
- Modal Mineralogy of each stream sampled
- Size by size mineral liberation and recoveries
- Elemental department by mineral in streams of interest



+150µm

+25µm

+7µm



Contact Us...

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