FLOTATION HEALTH CHECK

Information Pack

Overview

MinAssist has developed a ***simple, easy to run, targeted process mineralogy program*** to ***optimise a grinding circuit***. It is designed to allow an operator to take a quick, easy and cost effective look at the mineralogical controls on grinding efficiency, and identify potential:

1. COST SAVINGS;

2. RECOVERY IMPROVEMENTS;

3. RISK REDUCTION THROUGH IMPROVED UNDERSTANDING OF ORE TYPE(S).

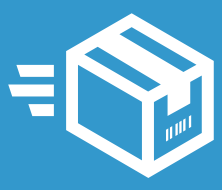
This 'off-the-shelf' program is designed to be run quickly, and to be a simple way to gain economic benefits that do not require major circuit changes, expense or equipment.

The Flotation Health Check?

This Flotation Health Check is aimed at using process mineralogy, and specifically the **theoretical grade recovery curve and particle textures**, to examine the flotation circuit and gain valuable insight in to:

- The quality of the feed: Is this optimized for flotation recovery? What might influence poor grade-recovery to the flotation concentrate?
- The causes of dilution in the flotation concentrate.
- Which size fractions are exhibiting lower than anticipated recovery
- The efficiency of your flotation circuit and whether mechanical issues or mineralogical drivers cause re covery losses.

Advantages of the Program



OFF-THE-SHELF PROCESS MINERALOGY STUDY

OPTIMISED TURN-AROUND TIME

CONCISE, FOCUSED & EASY TO INTERPRET

HIGHLIGHTS COST AND RECOVERY OPERATIONAL IMPROVEMENT

The Options

There are three options in the MinAssist Flotation Health Check for clients to choose between:

Flotation Feed

Based on a composite sample of the flotation feed for a given circuit, this study will focus on producing a theoretical grade-recovery curve for specific minerals and/or elements of interest, and examining the mineral and textural influences on grade and recovery. The report will provide valuable insight to:

- Identify maximum achievable flotation concentrate grade for a particular recovery based on mineralogical constraints.
- Highlight that if a grade / recovery beyond this is required, then changes to the feed need to be made upstream.
- The theoretical grade-recovery for each size fraction, which may indicate for example the cause of lower than anticipated recovery or grade.
- Compare the theoretical with the 'actual' grade-recovery data to gain an indication of efficiency and highlight areas for potential improvement.

$9,500

Enquire

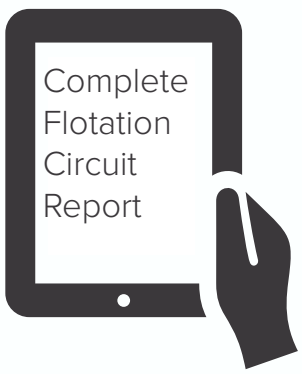
Flotation Concentrate

Based on a composite sample from the flotation concentrate for a given circuit, this study will focus on providing an insight to:

- The cause of dilution in the concentrate.

$9,500

Enquire



Flotation Circuit Study

This option is simply a combination of both options 1 and 2 to provide a complete report on the flotation circuit.

~~$19,000~~

$16,800

Enquire

Please note that all pricing is in Australian Dollars.

Contact MinAssist

To register your interest or seek further information please contact:

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