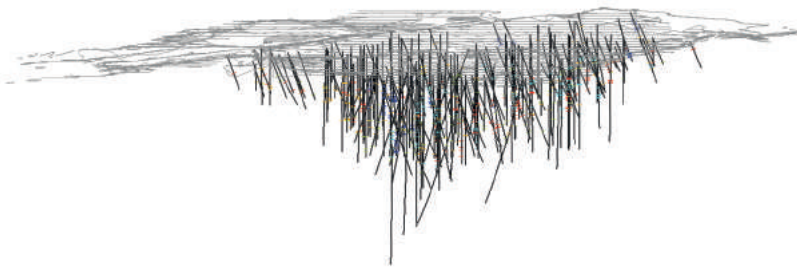


Better Coverage. Lower Cost.

MiniSGI

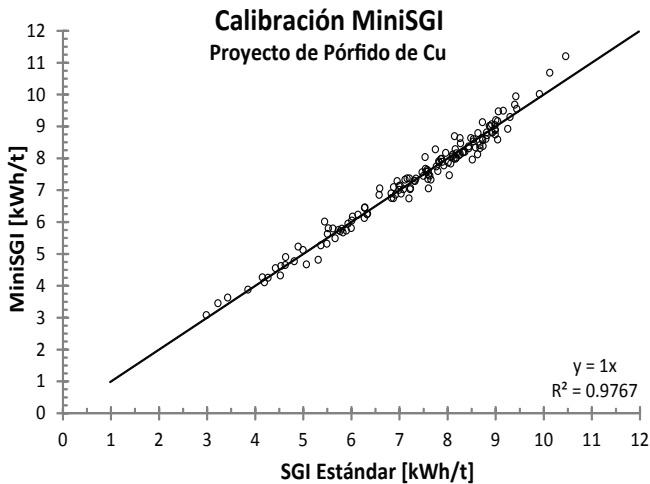


A SAG mill throughput estimate for less than USD 150!

Cost versus Precision

Current test methods can be adequate for calculating mill power requirements or throughput, but they are of limited use for the extensive, low-cost geometallurgical profiling required for large geometallurgy programs. This is because for these programs, **quantity is usually more desirable than quality.**

It can be demonstrated that for a given budget or time frame, it is often more reliable, cost-effective, and time-efficient to average many cheap, lower fidelity data points than it is to perform a single, expensive, high-fidelity test.

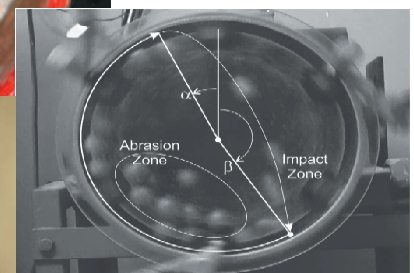


With the new MiniSGI (SAG Grindability Index) test we can measure the SGI at substantially lower costs. The calibration is generated as a byproduct of the standard SGI test.

For large geometallurgical programs, the cost can be as low as USD 150 per test! This means that for the same budget, we can generate five times the data as the traditional approach.



The mill is equipped with lifters and rotates at 54 rpm. Creates two distinct breakage zones: Impact and Abrasion. R2 = 0.98 and only 2% incr. error.



Cost depend on volumen and it's subject to change.
Cost do not include bulk sample preparation.

Aminpro

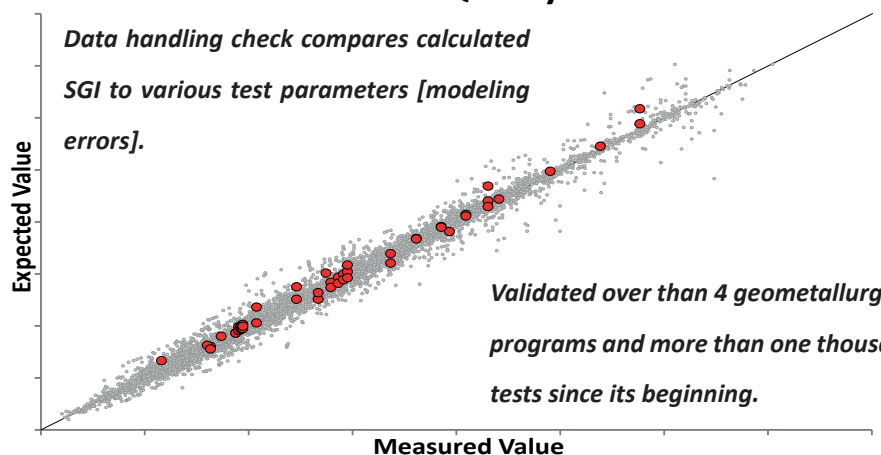
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Contact in Chile: comercial@aminpro.com
Contact in Peru: peru@aminpro.com

www.aminpro.com

Statistical Quality Control Check

Data handling check compares calculated SGI to various test parameters [modeling errors].



Validated over than 4 geometallurgical programs and more than one thousand tests since its beginning.

MiniSGI