



INGENIERÍA Y
CONSTRUCCIÓN



METALLURGICAL LABORATORY - MINING

The Metallurgical Laboratory provides the following services:

1. Mechanical preparation
2. Drying
3. Rated particle size analysis (screens from 10" to N° 200 mesh)
4. Coning and quartering
5. Leaching
6. Adsorption
7. Metallurgical Control Laboratory
8. Bottle agitation tests
9. Filtering
10. Effluent detoxification
11. Adsorption capacity test
12. Desorption test
13. Pilot-scale electrowinning
14. Precipitation test

METALLURGICAL TESTS - MINING

1. Mechanical preparation of samples: crushing
2. Particle size analysis
3. Flotation tests
4. Metallurgical control
5. Leaching test in short columns
6. Pilot-scale adsorption test with activated carbon columns
7. Pilot-scale cyanidation test in columns (on site)
8. Electrowinning pilot plant
9. Pilot-scale cyanidation columns (Metallurgical Laboratory at Huachipa)

METALLURGICAL TESTS - MINING

Cía. Minera Sayaatoc S.A Proyecto Recreo Amparo (<i>Recreo Amparo Project</i>)	Cyanidation tests in short columns.
Cía. Minera Volcan S.A.A.	Metallurgical cyanidation tests in the laboratory.
Corp. Minera San Manuel S.A. Proyecto San Lorenzo (<i>San Lorenzo Project</i>), El Carmen and Chivilca	Cyanidation agitation and short column tests.
Cía. Minera Volcan S.A.A. Proyecto Vinchos (<i>Vinchos Project</i>) Cerro de Pasco	Metallurgical flotation and cyanidation tests in the laboratory.
San José de Algamarca. Proyecto Algamarca (<i>Algamarca Project</i>) Cajabamba, Cajamarca.	Pilot-scale bottle agitation, short column and long column cyanidation tests.
Cía. Minera San Simón S. A. Proyecto La Virgen (<i>La Virgen Project</i>) Huamachuco-La Libertad.	Pilot-scale bottle agitation, short column and long column cyanidation tests.
Cía. Minera Sipán S. A. Mina Sipán (<i>Sipán Mine</i>)	Activated carbon adsorption tests with pregnant solutions.
La Arena S.A. Proyecto La Arena (<i>La Arena Project</i>)	On-site sampling.
La Arena S.A. Proyecto La Arena (<i>La Arena Project</i>)	Activated carbon adsorption tests with pregnant solutions.