

Construction Quality Assurance for the Construction of Dams in Tailings Facilities 1-5

Piura, Perú

Client

Compañía Minera Miski Mayo S.R.L.

Timeframe

Oct 2018-Mar 2019

Contract Amount

\$192,997.35

Personnel

Martín Purizaga
Juan Macedo



Geo-Logic Peru (GLP) provided assurance and quality control of the construction of dams in tailings facilities 1-5 for Compañía Minera Miski Mayo S.R.L. The project includes the construction of dams around the facility initially built by the client, as well as the installation of the projected geotechnical instrumentation.

The supervision and quality control consisted of ensuring the use of appropriate construction techniques and procedures in compliance with detailed engineering guidelines. In addition, construction problems were identified and verified in order to provide adequate solutions without altering the technical criteria considered.

The tasks developed consisted mainly of field and laboratory controls to verify the degree of compaction of the filling material applied in layers, as well as the moisture content. In addition, GLA Peru provided the verification and control of the installation of the geotechnical instrumentation designed for the control of the dams. These tasks included reporting the results, design changes, and readjustments made in the field.

Project Highlights

- Field controls (*in situ*)
- Execution of laboratory tests
- Verification of procedures according to technical specifications.