



# Case Study

Project: Co-O Mine Shaft Plumbing



## Project Scope

Mine Survey Plus was engaged by Philsaga Mining Corporation to provide mine survey services in relation to the E15 Shaft at the Co-O Mine Site in The Philippines. Our team was responsible for the style of conducting these mine surveys during works.

Mine Survey Plus took a novel approach to executing the scope across seven levels by utilising prisms on the plumb lines, a gyroscopic theodolite and least square adjustment for all observations.

## Specifications

|                 |                             |
|-----------------|-----------------------------|
| <b>Client</b>   | Philsaga Mining Corporation |
| <b>Location</b> | Co-O Mine, The Philippines  |
| <b>Duration</b> | May 2018                    |
| <b>Services</b> | Mine Shaft Plumbing Surveys |



## Outcome

National staff played an important role in data collection and training was conducted over this period on new instruments and hardware.

The survey was completed safely ahead of schedule, with control marks installed on each level for the setting out of critical shaft infrastructure.