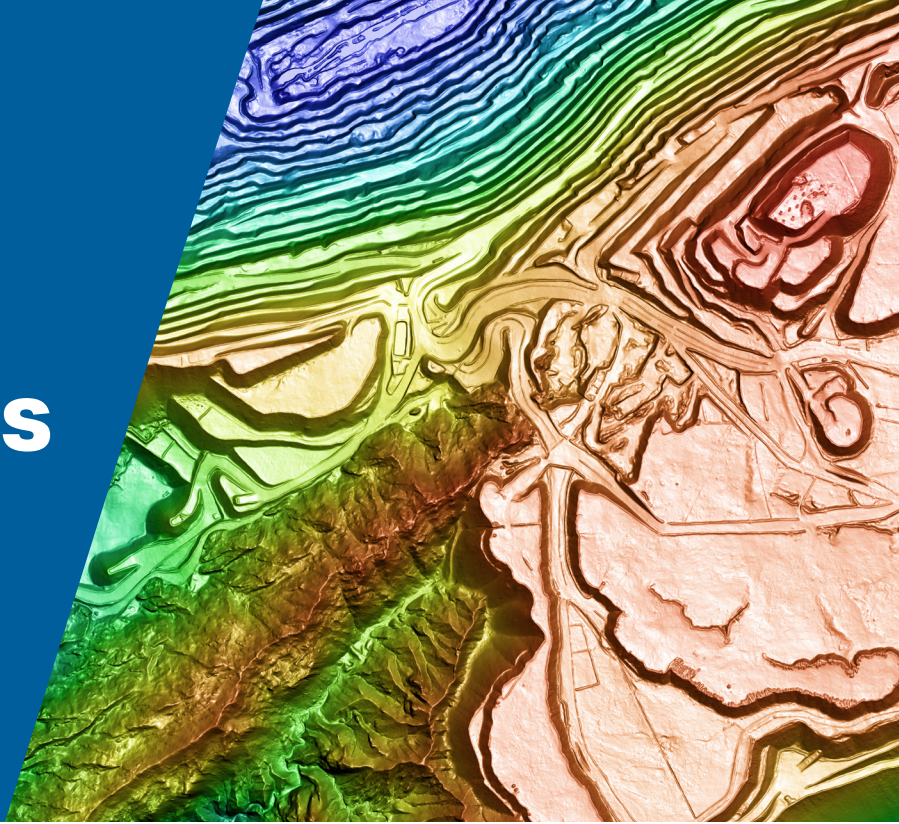




MINING & DEVELOPMENT

Argus Surveys

Accurate topography,
focused where it matters



Precise insights, delivered where and when you need them.

Receive up to biweekly topography updates to analyze limited areas such as tailings storage facilities, stockpiles, and construction zones. Your repeatable high-resolution, high-accuracy survey data can be updated at a custom and flexible frequency.

HIGHLIGHTS

Coverage

0-10 sqkm elevation grid,
captured in a 25 sqkm (or
greater) high-resolution
satellite photo

Frequency

Up to biweekly revisit

Flexibility

Collection windows can
be updated to meet your
operational needs

Processing Time

Typically delivered in 3 days
or less from time of data
collection

PhotoSat Elevation Grids (DEM/DTM)

Frequently updated elevation grid in any file format and any coordinate system, including custom mine grids.

Specification	Description
Type	Bare earth
Vertical accuracy (with control)	~10cm – 15cm RMSE
Orthophoto ground resolution (pixel size)	0.30m or 0.50m
Orthophoto coverage	Custom (25+ sqkm)
Elevation grid coverage	Custom (0-10 sqkm)
Elevation grid resolution	1m or custom
Archive available	Yes
Revisit frequency	Custom up to biweekly

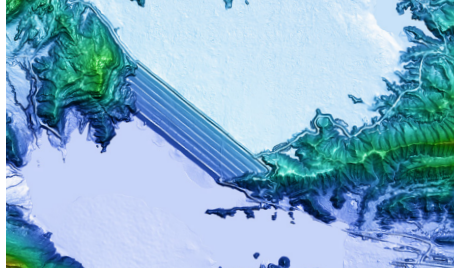
PhotoSat Imagery and Terrain Data

Our standard set of deliverables include orthophotos, elevation grids, and contours, providing accurate, georeferenced information for site analysis and ongoing measurement.



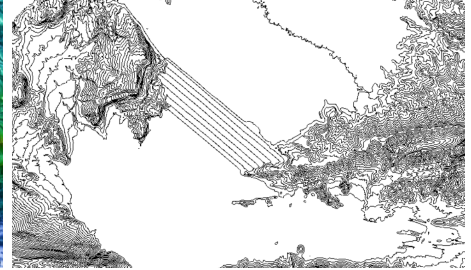
Orthophoto

0.30m or 0.50m resolution
orthorectified photo.



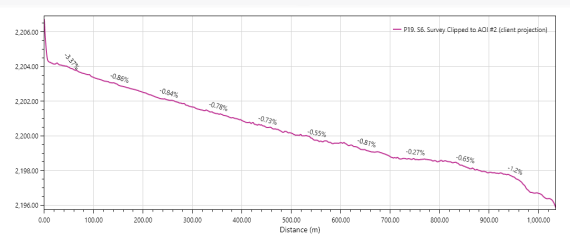
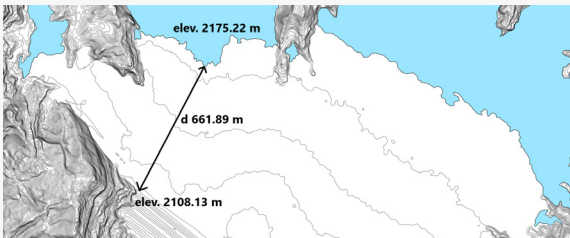
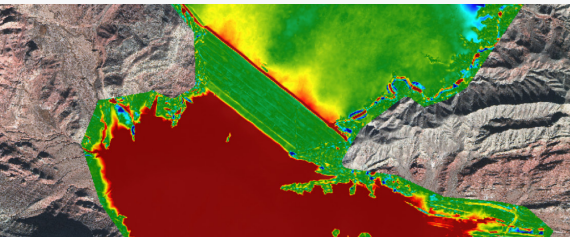
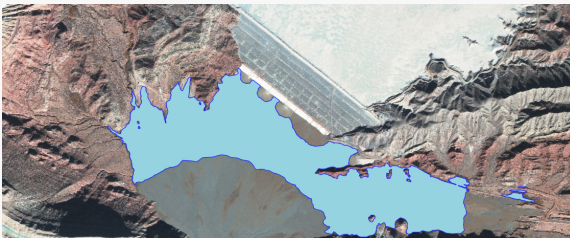
Elevation Grid

1m elevation grid (or resampled to custom).



Contours

Contour lines are available in any interval.



Supplemental Insights

We offer a variety of insight options to support your operations, helping engineers make informed decisions and monitor sites with confidence. If you'd like to learn more about how these datasets can be applied to your projects, reach out to request detailed information.

Water Body Outlines

Digital and geolocated linework of surface water, including supernatant ponds, engineered cells, naturally occurring water bodies, and/or seasonal accumulation.

Deposition Maps

Time-stamped distance and volume measurements - between successive surfaces - for tailings facilities, leach pads, stockpiles, waste dumps, and more.

Beach Lengths

Measured distance between the supernatant pond edge and tailings embankments.

Profile Line

Time-stamped cross sections showing the elevation and lift profiles of tailings beaches.