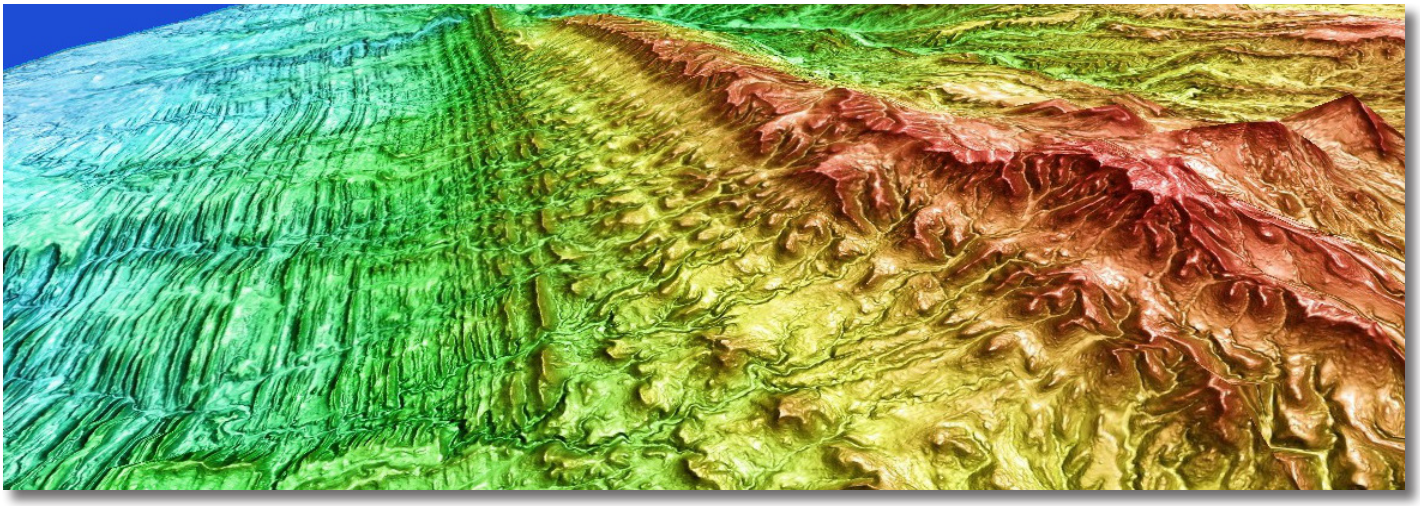
PhotoSat 20cm Accuracy Satellite Surveying

PhotoSat™
Leaders in Satellite Surveying for Mining and Energy
www.photosat.ca



PhotoSat Surveying

PhotoSat has invented a process to produce the world's most accurate satellite elevation surveys (DEM), with elevation accuracies better than 20cm.

Features

PhotoSat's geophysical surveying technology achieves accuracies of better than 20cm. This engineering quality elevation data:

- Shortens timelines and eliminates surveying delays for engineering and resource projects
- Is a cost-effective alternative to LiDAR & ground surveying

Available globally and ideal for remote locations, difficult terrain, sparse vegetation or hazardous areas.

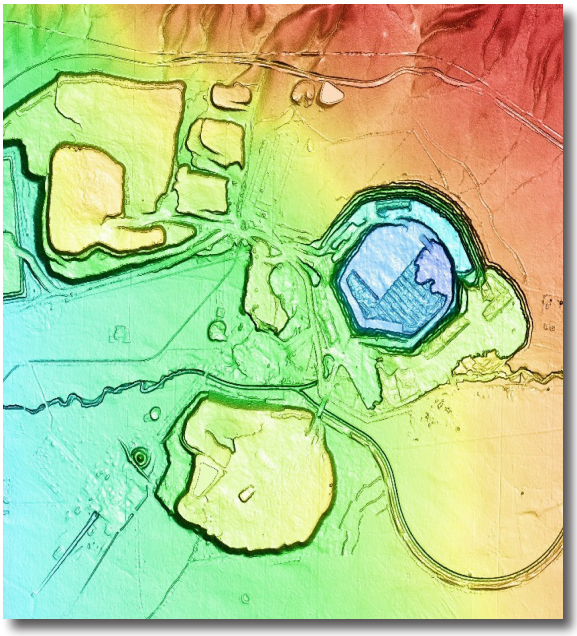
Applications

- Tailings measurements
- Mining volumes
- Mine site toes & crests
- Leach pad & stockpile volumes
- Waterbody outlines
- Construction planning
- Reconciling surface engineering data
- Well site & access road design
- Seismic survey planning
- Pipeline route selection & design

Experience

PhotoSat has completed over 900 highly accurate satellite surveying projects globally.

Proof of accuracy reports, case studies, and demonstration projects are available on the Resources page of our website.



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Technical Specifications:	
Vertical Accuracy	20cm RMSE relative accuracy*
Horizontal Accuracy	25cm RMSE relative accuracy*
Bare Earth Elevation Grid Spacing (DTM)	Every 1m (or 50cm)
Contour Intervals	1m (or 50cm), 5m, 10m and 50m
Ortho Photo Resolution	50cm
Coordinate System	Customer defined
File Format	Customer defined

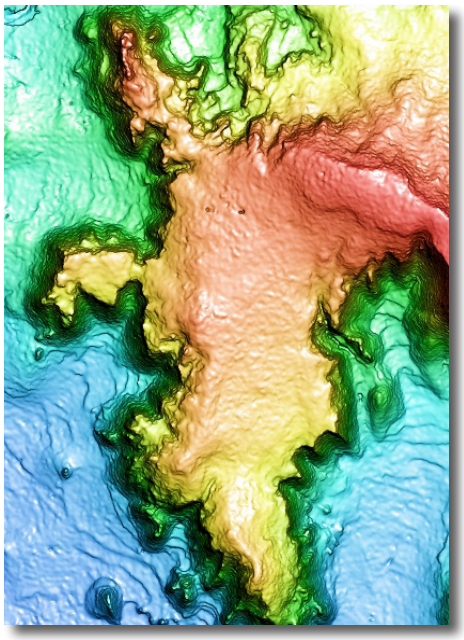
*Absolute accuracy depends on quality of ground control.

Standard Deliverables

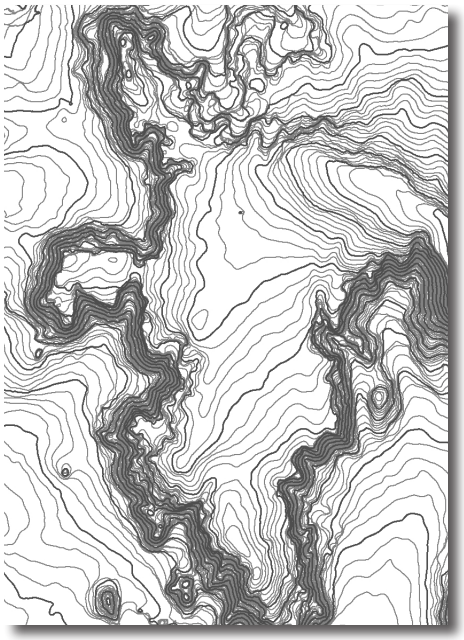
- Elevation grid (DTM)
- Contours
- Ortho photo

Additional deliverables are available upon request.

1m elevation grid



1m contours



50cm satellite ortho photo