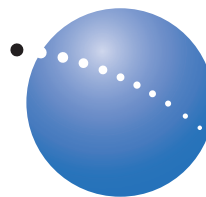


Satellite Surveying for Operating Mines



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

Engineering grade surveys of entire mine sites

PhotoSat's proprietary technology produces engineering grade surveys using satellite photos with vertical accuracies better than 20 cm. With over 20 years experience, we have completed surveys for over 900 mines worldwide.

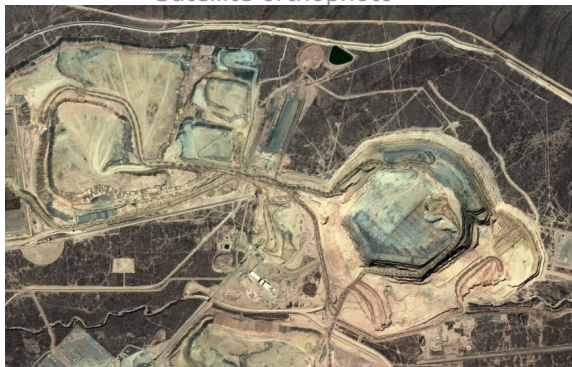
Used by Engineers for:

- Mine planning & construction
- Mining volumes, tailings, and production monitoring
- As-built road & infrastructure surveys
- Base map for autonomous vehicles
- Surveys of inaccessible areas such as Tailings Storage Facilities

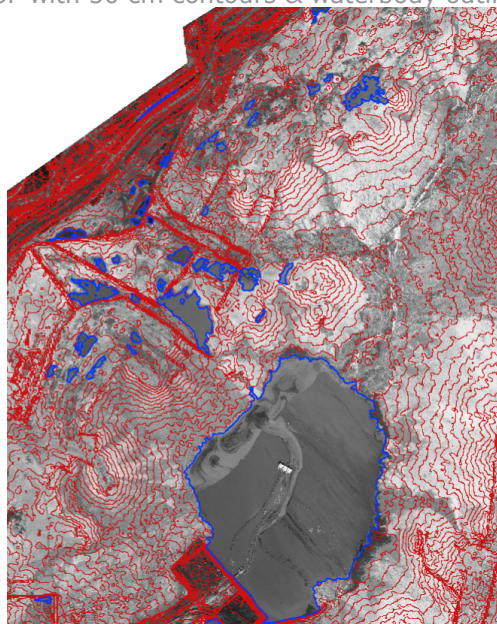
Data Features:

- Shorten timelines and eliminate surveying delays
- Consistent accuracy throughout the site
- Cost-effective alternative or supplement to LiDAR, drones, and ground surveying
- Improve safety – reduce the need for field crews
- Photos can be collected anywhere in the world – no permits required
- Fast data delivery – monthly or bimonthly surveys of entire mine site

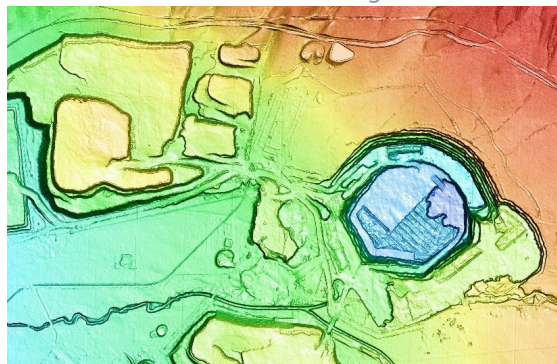
Satellite orthophoto



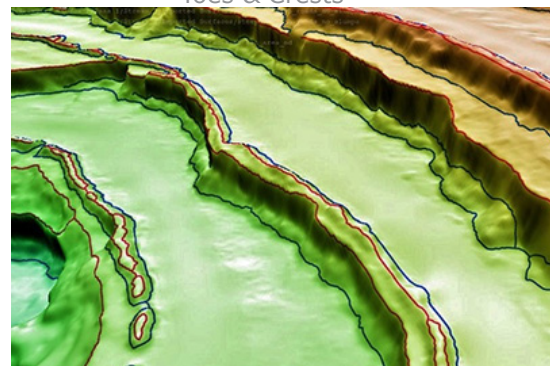
TSF with 50 cm contours & waterbody outlines



Colour elevation image



Toes & Crests



Deliverables:

- 1 m bare earth elevation grid & 1 m (or 50 cm) contours
- 50 cm satellite orthophoto
- Colour elevation image
- Volumes in specific areas
- Waterbody outlines
- Toes and crests