

DRONE MAPPING & PHOTOGRAMMETRY

Survey-grade aerial mapping: orthophotos, surfaces, contours and volumes captured in a fraction of the time ground crews need.

WHAT PCI PERFORMS

- Aerial site mapping and orthophoto production
- Photogrammetric surface and terrain modelling
- Contour generation
- Stockpile and earthworks volume measurement
- Construction progress mapping
- Existing-condition and corridor mapping
- Industrial and mining site mapping

DELIVERABLES

- Georeferenced orthophotos
- Point clouds (LAS/LAZ)
- Surfaces and DTMs (Civil 3D compatible)
- Contours, volumes and progress comparisons
- Web-shareable maps and imagery

HONEST LIMITATIONS

Photogrammetry maps what the camera can see: dense vegetation obscures the ground surface (drone LiDAR is often the right tool there), and weather and airspace restrictions can affect scheduling.