DENE SURVEY SOLUTIONS

CAPABILITY STATEMENT

Indigenous-owned · Alberta · Calgary and Fort McMurray

Drone mapping · survey · drafting · web viewers

Indigenous-owned geomatics company in Alberta. We turn drone flights, GNSS survey and existing surfaces into the things a project team actually uses: cut/fill and volume numbers, Civil 3D drawings and a site viewer that opens on any phone.

CORE SERVICES

- Drone (RPAS) mapping: orthophotos, surface models, contours, stockpile and earthwork volumes
- GNSS topographic, existing-conditions and as-built surveys
- Civil 3D drafting: base plans, surfaces, profiles, sections and quantity take-offs
- Change and volume reporting between surveys (cut/fill isopachs, volumes by area and by chainage)
- Processing to Canadian datums: NAD83 / UTM (or NAD83(CSRS) when your spec calls for it), CGVD28 or CGVD2013 heights, stated on every sheet
- SiteViewer web viewers: live cross-sections, volumes, 3D view and GPS on any phone
- AR site view: the design and cut/fill on the ground through a phone camera (field trials)

COMPANY DATA

- Indigenous-owned business, listed in the Indigenous Business Directory (Indigenous Services Canada)
- NAICS 541370 - Surveying and Mapping (except Geophysical) Services
- Based in Calgary and Fort McMurray, serving Alberta
- Scope: legal and boundary surveys are referred to licensed land surveyors

HOW IT WORKS

- You send drone photos, survey points or existing surfaces (or we fly and survey)
- We process, check and draft to your datum and standards
- You get a phone-friendly SiteViewer link (proprietary, easy-to-use site viewing tech), plus PDF sheets, a volume report and CAD/surface files

TEAM AND CREDENTIALS

- Over 40 years of combined civil, survey & drafting experience
- Two Transport Canada Advanced RPAS pilots
- ASET C.E.T. Recognized
- Construction surveying and as-built drafting for construction, mining and oil & gas clients

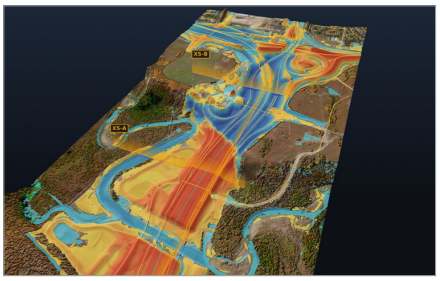
SEE IT IN ACTION

- Ring road earthwork 2015 → 2020 (cut/fill, volumes, 3D): denesurveysolutions.ca/demo
- Sample 11×17 sheet: denesurveysolutions.ca/sheet
- Trans-Canada Highway, Banff National Park (photo, LiDAR, 3D): denesurveysolutions.ca/3d
- AR site view on a phone (Android, Chrome): denesurveysolutions.ca/ar
- All demos are built from public open data.

WHY PROJECT TEAMS USE US

- **The same numbers in the viewer and on paper:** the PDF sheets and the volume report are built from the viewer's own data.
- **Quality checks shown with each job:** heights and volumes are re-checked independently and the checks are written into the report.
- **A phone link, no login or app:** the project team opens the site viewer in any browser, in the office or on site.
- **See the design on the ground:** point a phone at the site and the design and cut/fill show up in place through the camera. No extra gear (field trials, a visual check, not for layout).





SiteViewer on a phone and in 3D: SW Calgary ring road, 2015 → 2020 cut/fill from open LiDAR (2,376,158 m³ cut, 3,948,872 m³ fill).

CONTACT

info@denesurveysolutions.ca

denesurveysolutions.ca

780-972-0067

Scan for the live demo: denesurveysolutions.ca/demo