



TAHGAIWININI

TECHNICAL & ENVIRONMENTAL SERVICES GROUP

GUHKINA G'DOO AHNKOOB ICHIGOO MEH - WE ARE ALL CONNECTED



Tahgaiwinini Technical and Environmental Services Group

appreciates our unique relationship with the land and water and recognizes the importance of environmental sustainability, land use and community development. Tahgaiwinini Technical and Environmental Services Group promotes active participation in natural resource management and strives to enhance informed environmental solutions. Tahgaiwinini Technical and Environmental Services Group specializes in providing a wide variety of environmental services for a diverse group of clientele. We are well experienced in working with First Nation communities, government and industry.



GEOSPATIAL APPLICATIONS

More and more, geospatial analysis is becoming an integral part of environmental management. Geospatial technology is proven to enhance informed decision making. Tahgaiwinini Technical and Environmental Services Group is committed to furthering the development of integrated geospatial solutions for all clients. Geospatial analysis can enhance: Community Development, Land Use Planning, Historical Use and Occupancy Studies, Traditional Ecological Knowledge Management, Public Participation Mapping and a whole slew of infinite applications.

Types of GIS Applications:

- Customized map document production utilizing cartographic principles and geographic tools.
- Geospatial data management strategies and methods.
- Geospatial analysis for resource management and planning processes including but not limited to: area/volume estimates, land-use analysis, timber supply calculations, viewshed analysis, biodiversity analysis cumulative effects analysis, environmental assessments screenings and watershed assessments.
- Innovative geospatial data integration utilizing web mapping platforms and adobe portable document formats (KMZ, PDF).
- Digitizing and scanning hardcopy and historical maps.
- Geo-referencing and Digital Elevation Models (DEM).
- Aerial photography interpretation and time lapse projects.
- Remote Sensing – classification study.
- Data Layer Compilation and Resource Search.
- Large scale map printing and plotting.

www.wahnapietaefirstnation.com

Tahgaiwinini Technical and Environmental Services Group is a division of Wahnapietae First Nation.

ENVIRONMENTAL MANAGEMENT INITIATIVES

- Exploration Support related to prospecting, staking, line cutting and drill site access and rehabilitation
- Environmental monitoring programs (surface water grab samples, groundwater well sampling, manual flow measurements, water quality metre, Levellogger downloads, profiling water channels, photos) using common sampling procedures.
- Baseline data collection using top of the line Ground Positioning Systems (GPS) technology with sub-metre accuracy.

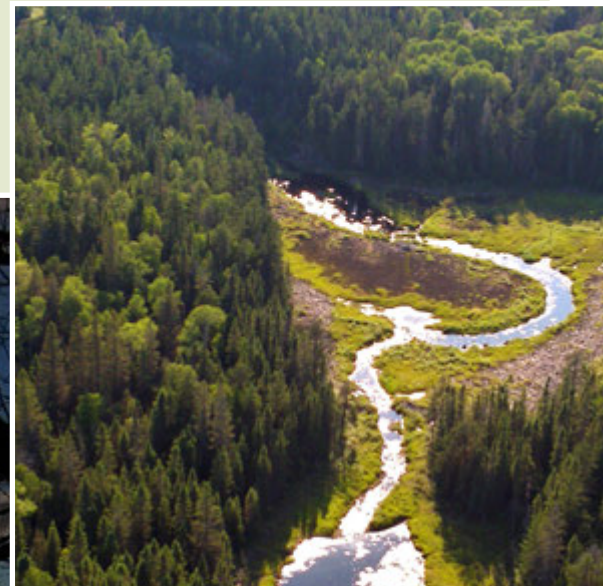
- Employ provincial Ecological Land Classification techniques related to soil profiles and substrates, soil moisture regimes, soil texture, vegetation and tree cover, record incidentals.
- Wetland evaluations.
- Environmental photo monitoring programs.
- Woodlot Assessment and Management Planning.
- Treemarking assessment and analysis.

First Nation Awareness Programs

- Customized First Nation awareness training for industry/governments and other organizations.

PROFESSIONAL TEAM

Tahgaiwinini Technical and Environmental Services Group is a professional group that has specialized and accredited knowledge in First Nation land management regimes, environmental assessment practices, forestry and wildlife management systems, applied geospatial management. Individuals on our team have professional designations and have been certified by the Canadian Environmental Certification Approvals Board.



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CONTACT

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