

## BACKGROUND

Takom Exploration Ltd. is a small geological and GIS consulting firm incorporated and licensed in BC and the Yukon. Our team has over two decades of experience in diamond and metallic mineral exploration using GIS mapping and modelling. We hold undergraduate degrees in Biology and graduate degrees in the Earth Sciences. Our projects have taken us throughout BC, NWT, YT, ON and Greenland; and remotely, through a BC-based office, on properties located in SK, MB, Nevada, South America, Africa, Eurasia, Australia and the Middle East. Our present research includes classifying indicator minerals based on associated diamond contents.

## SKILLS SUMMARY

▪ <b>Field Mapping &amp; GIS Drafting</b>	▪ <b>Data Compilation</b>	▪ <b>Cartography</b>	▪ <b>Environmental Planning</b>
▪ <b>Satellite Imagery Enhancement</b>	▪ <b>GIS Mapping &amp; Modeling</b>	▪ <b>Assessment Reports</b>	▪ <b>Geochemistry &amp; Bio-geochemistry</b>
	▪ <b>Permitting</b>	▪ <b>Project Management</b>	

## SERVICES

We deliver efficient, accurate and robust products in the following areas:

- Geochemical statistics, interpretation, classification, modeling and QA/QC
- GIS mapping, modeling and cartography
- Historical compilations
- Property assessments
- Environmental monitoring
- Environmental management, planning and permitting support
- Enhanced satellite imagery products and interpretation

## SPECIALTIES

We love what we do and it shows. Our passion for finding metal and diamond properties drive our constant need to hone our skills. Here are some of our interests we excel in:

- Regional compilations and area selection for metals and diamonds.
- Coordinating mineral exploration with environmental protection of sensitive areas.
- Satellite imagery enhancement of minerals and stressed vegetation.

## ASSETS

- Proposal and Report Writing & Oral and Poster Presentation
- Statistical pattern recognition methods for the integration of multiple types of data
- Summer/Winter Field Camp experiences in BC, ONT, NWT and Greenland; both above and within the tree line as well as navigation using maps, compass, and GPS
- 4x4 Truck-, ATV-, and motorbike- capable driver with basic snowcat and snowmobile operation plus safety-trained for Helicopter (500, B2, and 201) and ATV/Motorcycle
- Valid Class 5 & 6 driver's licenses and Valid Passports

## AREAS OF EXPERTISE

- GIS Mapping and Modeling
- Mineral Exploration
- Environmental Management, Planning and Permitting Support

## MEMBERSHIPS

- AME BC  
Individual Members  
January 2004 to Present
- Smithers Exploration Group  
Prospector  
December 2019 to Present

## COMPUTER PROGRAMS

- Jupyter Notebook - Python
- Microsoft Office Suite
- Libre Office Suite
- ESRI ArcGIS
- Quantum GIS
- GRASS GIS
- Adobe Photoshop CS3
- Inkscape
- MapSource/DNR Garmin
- Adobe Acrobat Pro
- R Statistical Package
- R Studio
- PCI Geomatica
- Google Map
- Google Earth Pro
- MicroStation

