

MINING SERVICES

SOLUTIONS FOR SUSTAINABLE MINING IN NORTHERN CANADA.



WHY WORK WITH US

We are a multi-disciplinary consulting firm providing comprehensive engineering and environmental solutions to clients throughout the Northwest Territories (NT) and Nunavut (NU).

With over 140 experts, we deliver integrated, client-focused services tailored to the mining sector, leveraging deep expertise in both engineering and environmental management to address the unique challenges of mining projects. As active members of the NT & NU Chamber of Mines, we are invested in the mining industry in the NT. Our Director of Mining, Nelson Debogorski, also serves on the Chamber's Board of Directors, further solidifying our commitment to the region.



COLLABORATION WITH INDIGENOUS GROUPS

We are deeply committed to fostering collaborative relationships with Indigenous groups, particularly when working on their traditional territories. Our team has established connections with Indigenous communities in the north and actively seeks to involve them and their development corporations in our projects whenever possible.

NT & NU REGULATORY EXPERIENCE

Our team has extensive experience working with regulatory bodies in the NT & NU and a deep understanding of the region's complex co-management model. Our staff have worked with:

- Mackenzie Valley Environmental Impact Review Board (MVEIRB)
- Mackenzie Valley Land and Water Board (MVLWB)
- Wek'ezhii Land and Water Board (WLWB)
- Sahtu Land and Water Board (SLWB)
- Gwich'in Land and Water Board (GLWB)
- GNWT Dept of Lands
- Nunavut Impact Review Board (NIRB)
- Nunavut Water Board (NWB)
- Nunavut Planning Commission (NPC)
- Nunavut Wildlife Management Board (NWMB)
- Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)
- Department of Fisheries and Oceans (DFO)
- Parks Canada

EXPERT SPOTLIGHT

Nelson Debogorski, B.Sc., M.Sc., P.Ag.

DIRECTOR OF MINING



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Nelson Debogorski brings two decades of experience in environmental and engineering projects related to the resource extraction industries. His technical expertise covers key practice areas essential to responsible mine development, including the assessment, remediation, and management of contaminated lands, EIA, environmental monitoring and management, and regulatory support and consultation. He has led multi-disciplinary teams of up to 30 professionals and managed project budgets exceeding \$10 million, driving impactful results in complex environments. His portfolio includes collaborations with entities involved in mining such as Teck, Rio Tinto, BHP, Norzinc, CMC Metals, Burgundy Diamonds, De Beers, ValOre Metals, CIRNAC, and the GNWT. Nelson's forward-thinking, technical competencies, and decisive leadership have solidified his reputation as a trusted figure in the mining industry.



OUR EXPERTISE

360's team of professionals brings decades of specialized experience to support your mining projects. With experts from diverse backgrounds, we provide tailored solutions across environmental, engineering, and regulatory challenges, ensuring successful outcomes in the mining sector.

Our mining services are powered by professionals with expertise applicable across all phases of mining projects. Our team includes hydrogeologists, regulatory compliance specialists, and experts in mine closure, reclamation, and environmental monitoring. Some of our key team members include:

- **Nelson Debogorski, B.Sc., M.Sc., P.Ag.:** Contaminated land management, environmental impact assessments, and regulatory consultation.
- **Bryce Watson, B.Sc., P.Geo.:** Mine closure, groundwater assessments, and Indigenous engagement.
- **Joshua Brown, B.Sc., P.Geo.:** Groundwater program management, contaminated site investigations, and environmental compliance.
- **Clayton Stenhouse, B.Sc., P.Ag.:** Environmental assessments, remediation, and reclamation.
- **Harvey Yuen, B.Sc., QAES:** Aquatic impact assessments and compliance.
- **Brendan Davis, B.Sc., P.Bio., PMP:** Wetland assessments and regulatory compliance.
- **Lynn Raaflaub, B.Sc., M.Sc., Ph.D.:** Hydrology, water quality monitoring, and engineering design.
- **Blake Bouzek, B.Sc., P.Eng.:** Environmental engineering, project planning, and execution.

We know the challenges of working in the north, and the difficulties due to harsh conditions and remote locations. Our staff have project experience at many NT major mine sites:

- Diavik Diamond Mine
- Ekati Diamond Mine
- Snap Lake Diamond Mine
- Giant Mine
- Angilak Project
- Prairie Creek Mine
- Rayrock Mine
- Nechalacho REE Mine
- Con Mine

At 360, safety is our top priority. We commit to a strong safety culture with rigorous training, empowering our team to proactively identify and mitigate risks. This dedication ensures a safe environment for our employees, clients, and communities.

[MEET 360'S KEY MINING SERVICES EXPERTS ↓](#)

[360 SAFETY STATISTICS ↓](#)

OUR SERVICES

At 360, we take a boutique approach, partnering closely with clients to execute projects with efficiency, effectiveness, and a clear return on investment. Our tailored strategy drives continuous progress and sustained momentum toward achieving your business goals.

- Pre-Purchase Liability Assessments
- Indigenous Consultation and Engagement
- Environmental Baseline Studies
- Regulatory Permitting and Support
- Environmental Management Planning
- Environmental Compliance Auditing
- Surveillance Network Program (SNP) Design, Management, & Reporting
- Aquatic Effects Monitoring Program (AEMP) Design, Management, & Reporting
- Environmental Monitoring Program Design, Management, & Reporting
- MethaneTrack™ System for Emissions Monitoring
- Environmental Risk Assessment Services
- Mine Closure
- Mini Reclamation Equipment
- Secondment Services

[LEARN MORE ABOUT OUR SERVICES](#) ↓

RECENT PROJECTS

Our team has a proven record of delivering reliable environmental and engineering solutions for mining clients across diverse and challenging project scopes.

With extensive experience supporting responsible mine development, our team has managed a range of projects from contamination assessments to groundwater monitoring and regulatory support. Below, explore a selection of our key project examples—click each project title for a detailed profile.

STAFF PROJECT EXPERIENCE

- [Giant Mine 3rd Party Environmental and Geotechnical Testing and Laboratory Services](#) ↓
- [Giant Mine Surface Care and Maintenance Environmental Compliance](#) ↓
- [Diavik Traditional Knowledge Panel Facilitation](#) ↓
- [NWT Diamond Mine Air Quality Monitoring Guideline](#) ↓

CORPORATE PROJECT EXPERIENCE

- [Mine Site Annual Groundwater Monitoring and Reporting](#) ↓
- [Supplemental Phase 2 ESA & Remedial Action Plan](#) ↓
- [Migratory Bird Study for Solar Development](#) ↓
- [Foothills Stream Crossing Partnership \(FSCP\) and Pad Site Inspection Program](#) ↓

