

# AGAT

## Laboratories

COMPANY OVERVIEW



Discover Service  
Beyond Analysis

# Letter from CEO

Over our 45-year history, one thing remains true — we've always been AGAT. In a world where our industry has continually shifted, I'm proud to say we're still the same independently-owned service-driven lab started back in 1979. Just with a few more labs under our name.

Here at AGAT Laboratories we like to invite our clients in. Into our labs to see the work we do. Into our work to collaborate towards obtaining the most reliable, useful data. From the first connection, the relationship is built on trust, respect, and accountability. We call it Service Beyond Analysis. It drives how we act with a people-first mindset. You'll experience it from early conversations with our representatives and throughout our work where we employ a multidisciplinary approach to problem solving. Our guiding light has also steered us into philanthropy through the AGAT Foundation, where we drive change for communities. All for people, we promote, support, and donate to causes in public health & wellbeing, community infrastructure, and environmental stewardship.

As I reflect on my time with AGAT Laboratories, growth has always been central to our success. We continue to build, welcoming new labs across North America and launching initiatives like Energy Horizons — our carbon management program — to support client evolution in sustainable futures. I'm additionally proud that a staggering 50 percent of our leadership are women. A strong and diverse workforce helps us reflect the needs of our clients and communities that surround us.

It's my pleasure to introduce you to our company, what we do, and how this could be the start of a strong, long-lasting business relationship. The future is bright at AGAT Laboratories. Thank you for considering us as your analytical testing partner.

  
**Marissa Reckmann**  
**CEO**



# What We Do

Since 1979, AGAT Laboratories has been empowering clients with trustworthy data and unmatched client relations. We support clients with precise analytical testing in meaningful projects from Environmental to Industrial to Energy. Throughout the past four decades, we've continued to grow our lab network to take on growing demands in industries such as Metals & Minerals, Life Sciences, Agri-Food, Transportation & Construction, and Forensics. With a full-service approach, and over 40 specialized coast-to-coast laboratories, we're offering solutions to client challenges throughout North America and beyond.

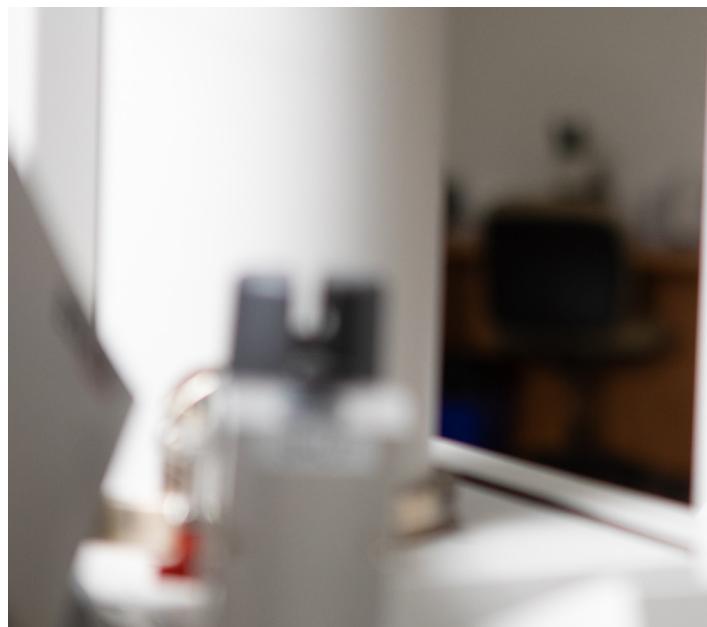
Working with AGAT is collaborative and driven by our purpose – **Service Beyond Analysis**. We work in partnership with you, taking time to understand your needs. You'll get the care and attention of a dedicated project manager and passionate experts in science you can trust for routine, specialized, and custom analytical testing. Using developing technologies and modern instrumentation, we provide you with the accuracy you need to feel confident in your decisions, while supporting your projects throughout their life cycles.

Rooted in a belief that integrated science leads to innovation, we work with a multidisciplinary approach. Bridging specialties in chemistry, biochemistry, microbiology, geology, engineering, and specialty analysis, our labs work in unison towards strategic decision-making and problem-solving alongside our clients.

Leveraging a 45-year history in analytical testing, we continue to look forward to welcoming new labs, clients, and developments in science to help us change the world sample by sample.

Additionally, we support our clients with:

- **Laboratory Tours** – See how we perform analysis on your samples
- **Seminars & Webinars** – Learn from our experts in-person and online
- **Web Platform** – Access your data simply online, compare, export and more
- **Research & Development** – Solve problems with new and developing methods



# Accreditations

AGAT Laboratories is accredited, certified, or licensed for specific tests by the following organizations:

- Standards Council of Canada (SCC)
- Canadian Association for Laboratory Accreditation (CALA)
- Canadian Council of Independent Laboratories (CCIL)
- American Association for Laboratory Accreditation (A2LA)
- ANSI National Accreditation Board (ANAB)
- Arizona Department of Health Services (ADHS)
- Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs (MELCCFP)
- Ontario Ministry of the Environment, Conservation and Parks (MECP)
- New York State Department of Health (NYS DOH)

AGAT Laboratories is accredited for specific tests to the following standards:

- The NELAC Standard (TNI) 2016
- ISO/IEC 17025:2017

Our management system meets the quality management principles of ISO 9001 through compliance with ISO/IEC 17025:2017.

For more information, please visit:



[agatlabs.com/accreditation](http://agatlabs.com/accreditation)



# Service Beyond Analysis

At AGAT Laboratories, we live our purpose of **Service Beyond Analysis**. From Metals & Minerals to Environmental to Energy and more, we're committed to helping our clients navigate complex challenges across a multitude of industries where precision and reliability are crucial.

## People-First

Collaborate with a dedicated project manager to strategically meet your goals. Service at AGAT Laboratories is built on a people-first mentality, where personalized trustworthy relationships are activated by our independent ownership. We are accountable to clients, and that's exactly how we believe our work should be done across industries.

## One Lab Network

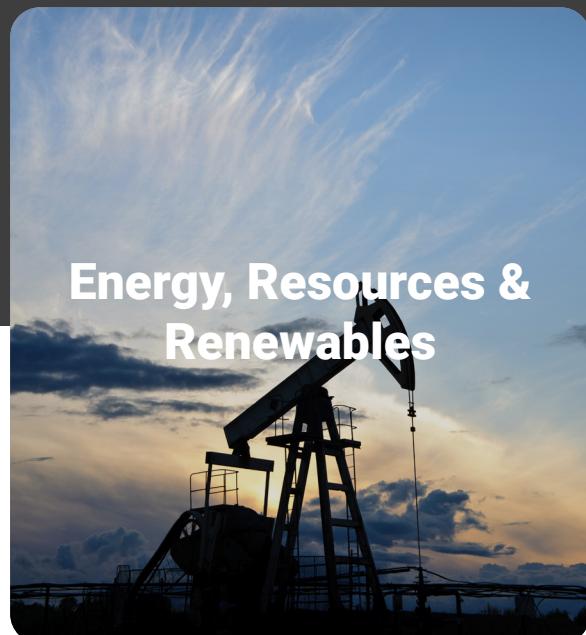
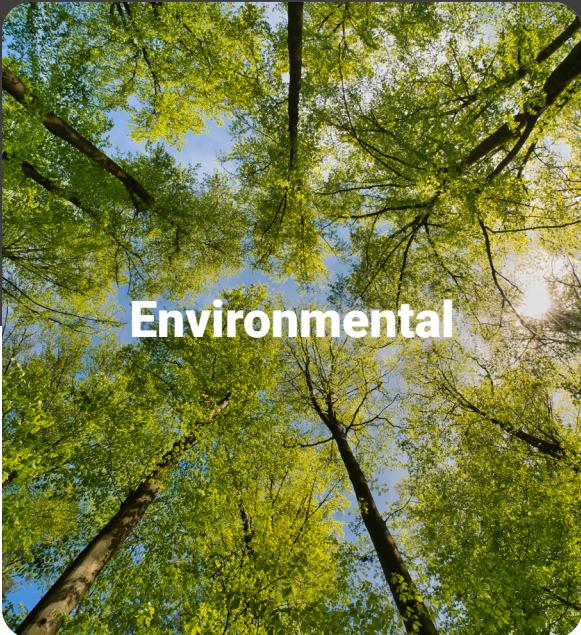
With a national reach from east to west, in major cities and close to industry, access analytical testing right where you are all through a single partner. Relying on a multidisciplinary approach across sectors, there are endless possibilities and growth opportunities to solve more complex problems with the support of analytical science of all kinds.

## Industry Insight

Partner with some of the industry's most leading scientific minds in analytical testing. Learn about industry developments in educational outreach sessions and explore how we do what we do best. Build customized solutions based on current research & development and access new trending, patented, and experimental methods.



# Industries We Support



**Meet regulatory standards and promote environmental stewardship with comprehensive analytical testing and environmental monitoring.**

We service environmental consultants, government, and other industry clients to empower informed decisions for environmental compliance and sustainability initiatives. With us, clients can rely on scientifically-sound and legally-defensible data collected using CCIL, EPA, APHA, ASTM, NIOSH, and Standard Methods, as well as other methods in accordance with legislation. Our expertise encompasses the analysis of organic and inorganic compounds in water, soil, and air including wastewater examination and much more.

## **Environmental Services:**

- Agricultural Analysis
- Air Quality Monitoring
- Ecotoxicology
- Environmental Chemistry
- Forensic Investigations
- Ultra-trace

**Get support through entire life cycles in petroleum with full-service analytical testing.**

Our services offer support from exploration to production to end-of-life closure and reclamation. Leaning on our wealth of experience, we can address unique challenges of petroleum operations spanning upstream, midstream, and downstream processes. We help energy companies optimize performance and ensure safety. With full-service testing, clients access services such as analysis and characterization of natural gas, condensate, crude oil, and water, as well as measurements of petrophysical properties and much more.

## **Energy, Resources & Renewables Services:**

- Air Quality Monitoring
- Core & Materials Testing
- Environmental Chemistry
- Geology & Petrology
- Lubricants & Fuels Testing
- Petroleum Testing
- Reservoir Characterization

# Industries We Support

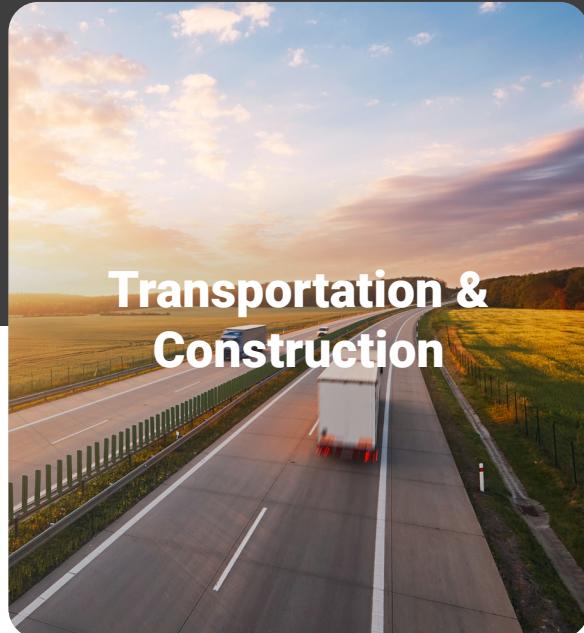


## Find a full-service partner for all stages of the mining process.

In mining, we use our full-service experience to support clients from exploration and development to environmental monitoring and restoration, delivering precise data from sample disaggregation and homogenization through to final analytical testing. Our services include drying, crushing, pulverizing, and screening, as well as geochemical methods such as fire assays, sodium peroxide and lithium borate fusions, and multi-acid digestions with AAS, ICP, or XRF finishes. We also provide specialized Acid Rock Drainage (ARD) and Metal Leach testing to help predict and manage the geochemical behavior of mine waste materials.

### Minerals & Metals Services:

- Air Quality Monitoring
- Environmental Chemistry
- Geology & Petrology
- Lubricants & Fuels Testing
- Mining Geochemistry



## Enhance safety, efficiency, and long-term performance with scientifically-backed analysis for transportation and construction.

Across a variety of services, we deliver data to enable proactive maintenance, minimize downtime, and extend asset lifespan in the transportation industry. We commonly provide clients with our Lubricants & Fuels Testing service to analyze engine oils, gear oils, transmission fluids, and coolants. While our Geotechnical Testing service provides critical analysis for construction and development, including soil and aggregate testing, concrete testing and rock mechanics.

### Transportation & Construction Services:

- Core & Materials Testing
- Environmental Chemistry
- Geotechnical Testing
- Lubricants & Fuels Testing

# Industries We Support



## Industrial



## Forensics

**Enhance operational efficiency, promote safety, and ensure regulatory compliance across the industrial sector with precise and reliable analytical testing data.**

We use advanced technologies and industry expertise to provide clients – in pulp and paper processing, chemical plants, metal manufacturing, and infrastructure – with customized analytical testing including projects of experimentation, investigation, or assessment. Our typical offerings include indoor air quality assessments, bulk asbestos analysis, chemical and physical characterization of products and contaminants, equipment failure analysis, and preventative maintenance testing.

### **Industrial Services:**

- Air Quality Monitoring
- Environmental Chemistry
- Lubricants & Fuels Testing
- Petroleum Testing
- Ultra-trace

**Navigate complex forensic challenges with accurate, actionable, legally-defensible data.**

Our experience spans fire and arson analysis to petroleum forensics to environmental incident investigations. Our specialists use advanced techniques like gas chromatography, hydrocarbon fingerprinting, source identification, and spill delineation to support origin and cause. We analyze a variety of sample types looking at ignitable liquid residues in arson investigations and aged and mixed petroleum samples in ownership and liability disputes.

### **Forensics Services:**

- Forensic Investigations
- Environmental Chemistry
- Ultra-trace

# Industries We Support



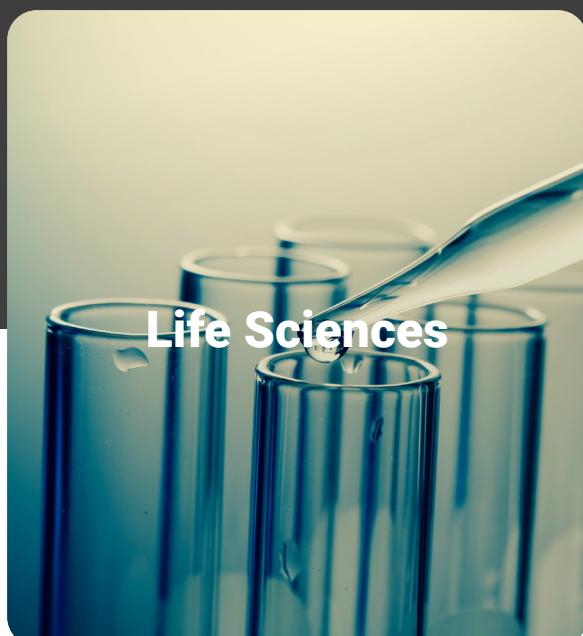
## Agri-Food

**Analyze food safety from farm to production to market and remain in compliance with government regulations from coast-to-coast.**

Our full-service analysis offers the agri-food industry precise and reliable results. We offer in-depth analytical services to meet the needs of food producers, restaurant suppliers, agricultural developers, and government agencies. Some of our clients typically rely on us for soil salinity testing, shelf-life analysis, product composition information for packaging and labeling, and trace-level detection of vitamins, sugars, antibiotics, mycotoxins, melamine, and pesticide residue. While clients with on-site water treatment facilities make use of complementary water testing to remain in compliance with regulations.

### Agri-Food Services:

- Agricultural Analysis
- Air Quality Monitoring
- Environmental Chemistry
- Food Testing
- Lubricants & Fuels Testing
- Ultra-trace



## Life Sciences

**Protect the health of consumers, employees, and the public with specialty analysis to detect potential harmful toxins and contaminants.**

We are dedicated to helping our clients advance public health with comprehensive services and technology to trace pollutants back to their source. Our precise and reliable data helps clients ensure consumer safety, regulatory compliance, and environmental stewardship. Clients typically rely on us for low-level detection of per- and polyfluoroalkyl substances (PFAS), polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and dioxins and furans in samples such as water, soil, tissue, and food.

### Life Sciences Services:

- Environmental Chemistry
- Ultra-trace

# Our Services

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## Advanced Rock Properties

Get detailed analyses of rock behavior under various conditions to support geotechnical and engineering decisions. Our high-precision testing provides critical insights for construction, mining, and resource development projects.



## Agricultural Analysis

Enhance agricultural productivity and sustainability. From soil fertility assessments to crop health and nutrient management, our services provide actionable insights to help producers achieve higher yields and long-term viability.



## Air Quality Monitoring

Reveal air quality and protect public health through advanced monitoring techniques and precise analytics. We support clients in meeting regulatory standards and maintaining environmental integrity across many industries where air quality monitoring is essential.



## Core & Materials Testing

Ensure the durability and performance of your materials. Our clients trust us for thorough evaluations of construction and industrial materials from concrete and aggregates to specialized core analysis.

# Our Services



Evaluate the impact of contaminants on ecosystems. We offer a full-suite of analytical services for water, soil, and sediment testing, while ensuring regulatory requirements are met. Our clients are empowered to mitigate environmental risks and promote sustainable practices with precise, science-driven insights through routine and customized testing.

Maintain environmental compliance and meet sustainability goals. Using advanced technology and methods, we provide clients with insights into water, soil, and air quality, as well as fish, mammal, and plant tissue analysis.

Ensure the safety, quality, and nutritional integrity of food products. Our services in food testing support clients in regulation compliance and labelling standards with precise, reliable analysis for contaminants, allergens, and other contents.

Get specialized forensic analysis with scientifically-defensible results. Our accredited laboratory combines industry-leading expertise, analytical technology, and rapid turnaround times — including next-day service for urgent cases — to deliver trusted forensic solutions. Equipped with comprehensive two-dimensional gas chromatography (GCxGC), we assist law enforcement, insurance adjusters, legal professionals, and private investigators with reliable data across a wide range of investigations.

# Our Services

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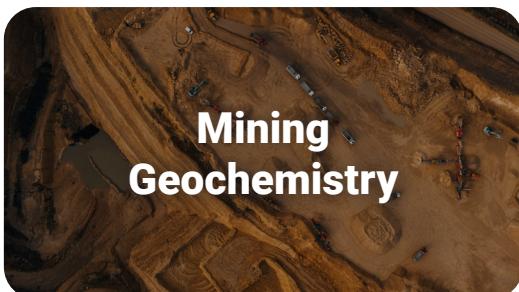
Make decisions with dependable data. Our team provides expert analysis of rocks and minerals to support exploration and engineering projects. We employ advanced petrographic techniques to deliver reliable insights for the resource and construction industries.



Gain insights into soil, rock, and material properties. Our geotechnical lab is tailored to support the civil development, industrial growth, and resource sectors such as mining, energy, waste, and transportation. Whether you're assessing site conditions, ensuring structural integrity, or optimizing engineering designs, we empower projects with confidence and precision through data.



Reduce failures and downtime by ensuring product quality. We provide clients with lubricant analysis for new oils and fuels, as well as used oil analysis to offer insights into wear and contamination detection.



Get actionable data for mining and environmental strategies. With precise geochemical analyses such as multi-acid and aqua regia digestions, sodium peroxide fusions, fire assays on hard rock samples, and dedicated Acid Rock Drainage (ARD) and Metal Leach testing, our teams support clients in mineral exploration and resource development.

# Our Services

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## Oil Sands Analysis

Get specialized support tailored to unique challenges of oil sands operations. With a focus on efficiency and environmental responsibility, we provide our clients with data-driven solutions for bitumen extraction, upgrading, and tailings management.



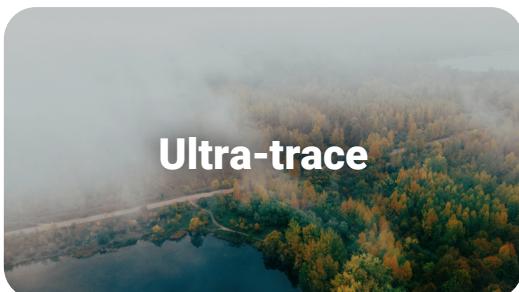
## Petroleum Testing

Optimize your operations with tailored petroleum testing. Designed specifically for the energy industry, our comprehensive laboratory offers full-service petroleum testing from routine sampling to meter calibrations to pipeline specifications and beyond.



## Reservoir Characterization

Get insights into reservoir dynamics to enhance performance. Our team empowers the energy sector with detailed analyses to optimize resource recovery. With a multidisciplinary approach, we can integrate both geological and engineering aspects in the exploration, development, and management of petroleum reservoirs. While continuous research and development aids the advancement of this continually evolving discipline.



## Ultra-trace

Detect and analyze trace-level contaminants for health and safety. Our ultra-trace service helps clients identify potential hazards, ensure compliance, and protect communities. Using advanced technology, we offer low-level detection of a number of chemicals in samples such as water, soil, tissue, and food.

ONE LAB NETWORK. EIGHT INDUSTRIES.

# All Across North America.

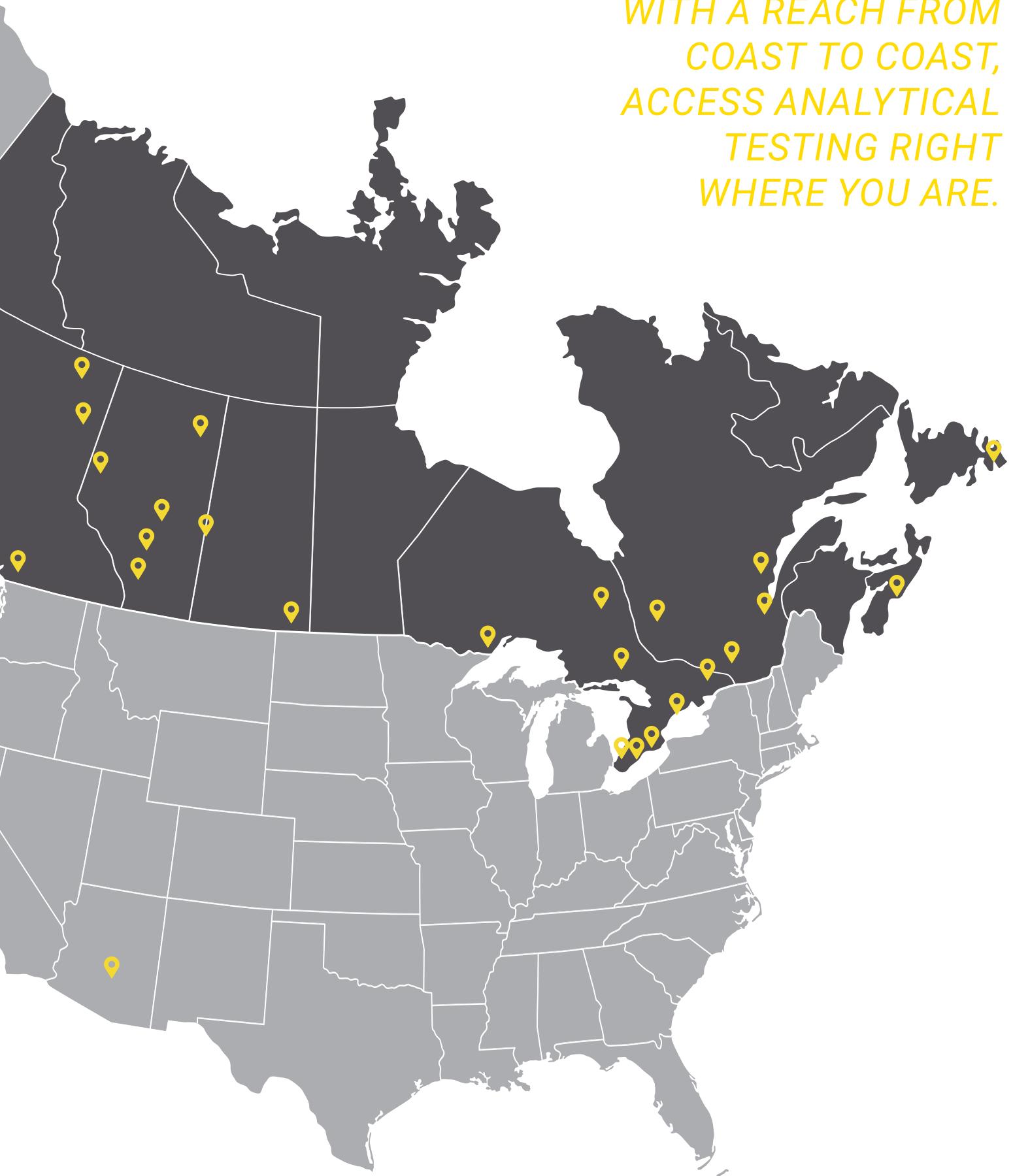
We believe service should go beyond simply providing analysis. In recent years, our growth across North America has helped us reach clients far and wide. We open labs in major metropolitan areas, alongside industry, and everywhere in between. Sample drop-off locations make it easier for clients to get results even faster. Benefit from a single partner you can trust across eight industries and many disciplines. We are where you are. And if we're not, you can bet we're on our way.

Whitehorse, YK	Calgary, AB	Ottawa, ON
Terrace, BC	Lloydminster, SK	Val-d'Or, QC
Vancouver, BC	Estevan, SK	Montreal, QC
Fort St. John, BC	Thunder Bay, ON	Chicoutimi, QC
Fort Nelson, BC	Sudbury, ON	Quebec City, QC
Grande Prairie, AB	London, ON	Dartmouth, NS
Fort McMurray, AB	Hamilton, ON	St. John's, NL
Edmonton, AB	Mississauga, ON	Tempe, AZ USA
Red Deer, AB	Kingston, ON	

The tests and services outlined in this brochure are not exhaustive of AGAT Laboratories' full capabilities. To obtain the latest and most complete list of available services, please consult your AGAT Business Development Representative.



WITH A REACH FROM  
COAST TO COAST,  
ACCESS ANALYTICAL  
TESTING RIGHT  
WHERE YOU ARE.



# AGAT

## Laboratories

A North American leader in analytical and laboratory services, delivering precise and trustworthy results for over 45 years.

**[agatlabs.com](http://agatlabs.com)**

