



Bring the lab to you !

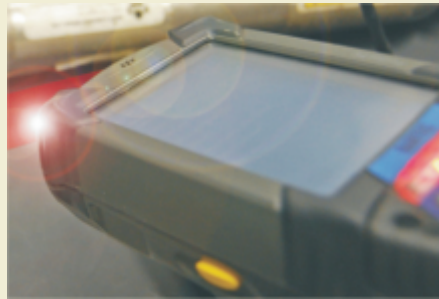
AGAT announces the addition of a mobile laboratory designed to meet the needs of the Oil and Gas industry. Utilizing new micro technology and lasting design features the AGAT Mobile Gas Laboratory is a portable system capable of delivering fast , accurate gas analysis and reports on location. Utilizing specialized Gas Chromatographs the Mobile Lab can be transported to gas plants , refineries , batteries , well sites , and compressor installations.



Gas samples are analyzed using method standard GPA 2286-95 which provides a thorough description of the C7+ fraction, or GPA 2261-00 Heating Value. All calculated properties of the gas are carried out using the individual component mole fractions and GPA physical constants.

Accuracy, precision and efficiency is essential to your business and by utilizing AGAT's Mobile Lab these needs can be met anywhere at anytime.

This exciting new addition compliments AGAT Laboratories existing Oil and Gas Chemistry laboratories in Calgary , Fort St. John and Grande Prairie.



Barcoding



Sample analysis and report quality depends on accuracy and precision. AGAT Laboratories has developed a proprietary Bar-Code system designed to ensure sample information is consistent. From the start of the sampling program to report delivery each and every time the Bar-Code system collects , maintains and distributes the necessary information.

Barcode units are durable and portable for use in all field situations

This exciting new system is formed by three main components, the barcode equipment, software package and sample point and sample tags.

The intrinsically safe barcode units are durable and portable for use in all field situations. Ride along wireless routers ensure data uploads within minutes of taking a sample. The chain of custody procedure has been made more efficient and accurate with the touch of a button.

The made to order software system allows for easy data management from the field to the lab. This AGAT Bar-Coding program reduces transcription errors on sample tags and ensures consistent header data every time.

Sample point tags are dependable, intended to withstand heavy wear but easily replaceable should the need arise. Field samples are tagged with barcode stickers for easy data transfer through the chain of custody.

For more information about our new barcode system and mobile lab please contact your AGAT Business Development Representative.

“Service Beyond Analysis”



Gas Turbine Mapping

AGAT's Source Testing Division has recently become involved in helping a number of companies optimize the installation of new gas turbines.

These natural gas turbines are used to supplement power to the Alberta grid and typically only run when spot market prices and fuel costs make it feasible. AGAT's Source Testing team has been providing real time emissions data, ensuring optimized performance of this new equipment.



The provision of real-time data for NOx, CO, and O2 while fine tuning the turbine allows the engineering staff to optimize both fuel gas use and process emissions concurrently.

Benefits of this approach include reduced fuel gas costs while ensuring that their Regulatory Emission targets are being met.

For more information on this service contact Dan Oicle at 403-299-2172 or oicle@agatlabs.com.

The following initiatives have been implemented for the 2007-2008 drilling season:

- New OSR internal software to track the progress of labs work in real time.
- New digital imaging capturing stations for more capacity and quicker reporting times.
- New in house annotation software to streamline preliminary and final photographs.
- New automated sampling system to streamline sample collection and cut down on core handling.
- New narrow aisle forklift for increased capacity and space efficiency
- New racking matrix to increase capacity
- New viewing rooms with client offices to compliment existing rooms giving us greater flexibility and viewing capacity
- Client only lounge furnished with amenities including refreshment fridge, couches, lunch tables and chairs, microwave oven, washroom with shower.

AGAT is committed to oil sands research and development, technology and capital investment in equipment and capacity to meet our clients needs.



Rock Properties Division 2008

Drilling activity in the heavy oil carbonates and oil sands areas has become an important component of the business of the Rock Properties Division. A major portion of the increased activity in 2008 can be attributed to this sector of the industry and with the longer time frame required to bring heavy oil/tar sands projects on stream, this trend will continue in the foreseeable future.

AGAT Laboratories has recognized the importance of this resource and has been constantly developing the technology and expanding our facilities to provide the necessary services to support the activity in the heavy oil industry.

The most critical factor from a laboratory point of view is the location of these deposits in the muskegs of North Eastern Alberta, which limits access to 3-4 months a year (winter drilling). This results in extensive coring activity being analyzed during this time frame. All these cores are kept frozen to facilitate sampling for analysis.



AGAT is pleased to announce the expansion of our Oil and Gas analytical capabilities into Northern Alberta and British Columbia.

This region is a growing market and demands quicker turn around times and improved rush analysis abilities.

AGAT's mandate of service first lead us to develop the Grande Prairie and Fort St. John laboratories. Each lab is fully outfitted with newly purchased equipment to provide routine gas, extended gas and trace sulphur analysis.

Full integration into our WebFluids system, high quality results, and expedient delivery of analysis will ensure our clients will receive maximum customer service.