



# CALA

Canadian Association for  
Laboratory Accreditation Inc.

## CALA Directory of Laboratories

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**Membership Number:** 3782  
**Laboratory Name:** CNRL Albian Sands Lab  
**Parent Institution:** Canadian Natural Resources  
**Address:** Muskeg River Mine Fort McMurray AB T9H 4W1  
**Contact:**  
**Phone:**  
**Fax:**  
**Email:**

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**Standard:** Conforms with requirements of ISO/IEC 17025  
**Clients Served:** Internal Clients Only  
**Revised On:** June 5, 2018  
**Valid To:** August 29, 2020

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### Scope of Accreditation

#### **Petroleum (Inorganic)**

Density - Fuel (003)  
LABPR0004, LABPR0026; modified from ASTM D5002-99 (2010)  
DIGITAL DENSITY ANALYZER  
Density

#### **Water (Inorganic)**

Alkalinity - Water (006)  
LABPRO044; modified from SM 2320 B  
TITRATION  
Alkalinity (pH 4.5)

#### **Water (Inorganic)**

Anions - Water (005)  
LABPR0039; modified from SM 4110 B  
ION CHROMATOGRAPHY  
Chloride  
Sulfate

#### **Water (Inorganic)**

Cations - Water (004)  
LABPR0040; modified from SM 3120 A and SM 3120 B  
ICP  
Calcium  
Magnesium  
Potassium  
Sodium

† "OSDWA" indicates the appendix is used for the analysis of Ontario drinking water samples, which is subject to the rules and related regulations under the Ontario "Safe Drinking Water Act" (2002).

The list of tests and measurement capabilities for which a laboratory is accredited can change at any time due to circumstances such as scope extensions, voluntary withdrawal of tests by the laboratory and suspension. Scopes are published by the CALA via the Internet at [http://www.cala.ca/cala\\_directories.html](http://www.cala.ca/cala_directories.html)

**Water (Inorganic)**

Conductivity - Water (007)

LABPRO074; modified from SM 2510 B

CONDUCTIVITY METER

Conductivity (25°C)

**Water (Inorganic)**

pH - Water (001)

LABPR0046; modified from SM 4500-H+ B

pH METER

pH

**Water (Inorganic)**

Total Suspended Solids (TSS) - Water (002)

LABPR0020; modified from SM 2540 D

GRAVIMETRIC

Total Suspended Solids

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