

Informational Notice 08-05 (Revised)

April 14th, 2009.

Notice to all Manitoba Operators

Core and Drill Cutting Sampling, Examination and Analysis

This information notice supersedes Informational Notice 95-4.

The Department of Science, Technology, Energy and Mines maintains a core and sample storage and examination facility in Winnipeg. Arrangements to view core or samples may be made by contacting:

Gerry Bengert, Supervisor,
Rock Preparation Laboratory
(204) 945-6550 or
(204) 945-1776
Fax (204) 948-2164
email:gerry.benger@gov.mb.ca

The Petroleum Branch receives many requests from industry to have core or samples shipped out of Manitoba for examination, sampling or analysis. This notice establishes the Branch's policy in dealing with these requests.

Core

1. Core will not be shipped out of Manitoba for the sole purpose of examination.
2. Request for core to be shipped out of Manitoba will only be considered for the purpose of doing analytical core measurement, including, but not limited to, standard and detailed core analyses and pressure tests, via a reputable analytical core laboratory, unless otherwise approved by the Director.
3. The core must be shipped from the Rock Preparation Laboratory directly to the analytical core laboratory for the purpose of doing analysis on the core.
4. Requests for core to be shipped out of Manitoba shall be limited to two wells per shipment unless otherwise approved by the Director, subsequent well shipment requests for the same company will only be considered once the first shipment of core has been returned to the Rock Preparation Laboratory and its integrity has been maintained to the satisfaction of the Director.
5. Where a core is removed from Manitoba for purposes of analysis, the company removing the core shall:

- (a) assume all costs associated with the shipment and return of the core;
- (b) provide the address of a reputable core analysis laboratory for shipment of the core;
- (c) return the core to the Rock Preparation Laboratory within 45 days of its shipment, or before the 30 day core viewing period prior to a land sale, whichever is sooner; and,
- (d) provide two copies of the report of all analyses performed on the core and a duplicate set of all thin sections prepared to the Petroleum Branch. (All thin sections from Manitoba core must be labeled in the following format: MB Licence number/Top Measured Depth in meters i.e. MB 5555/522.33).

6. Requests for removal of core from Manitoba should be made to the Director and should include the following information:

- (a) the well location(s);
- (b) the core interval(s) to be shipped;
- (c) a description of the analysis to be performed; and,
- (d) the name and address of the laboratory performing the analysis.

7. All requests for taking samples of core shall be made to the Director and shall indicate the well location(s) and the interval(s) to be sampled.

8. Samples from core should be taken to comply with the following criteria:

- (a) sampling shall consist of a maximum of one sample for every 12 inch length of core and individual samples shall not exceed one cubic inch for full diameter core or one half diameter for small diameter core.
- (b) core plug sampling should be restricted to the minimum core plug size required to do the analyses, but is not to exceed a one inch diameter by two inch length.
- (c) where a core has been slabbed, samples shall be removed from the back face of the core and, where possible, be taken from existing ends or pieces of core.
- (d) formation contacts or other unique features shall not be completely removed or destroyed.
- (e) if a core has been previously sampled, the Director has the right to further limit sampling of that core, or portions thereof.

Drill Cuttings Samples

1. All requests for sampling of drill cuttings shall be made to the Director and shall include the well location(s) and interval(s) to be sampled.
2. Samples shall not exceed one quarter of the drill cuttings from each vial. Sampling from vials less than one half full will not be permitted.
3. Two copies of any description or analysis made of drill cuttings samples and a duplicate of all thin section prepared shall be submitted to the Petroleum Branch.

Slabbing Core

The Petroleum Branch requires companies that ship core outside of Manitoba for analysis to have the core slabbed before it is returned to the Rock Preparation Lab. Where possible the core should be slabbed into equal halves and stored together in the original core box.

Digital Files

Where an analysis or description of core or samples is required to be submitted, the Petroleum Branch requests that the information also be submitted in digital form. Questions regarding file format should be addressed to Paul Legare at (204) 748-4263 or e-mail paul.legare@gov.mb.ca

Keith Lowdon
Director of Petroleum