

National Core Store Sampling Terms and Conditions (August 2015)

1. This document sets out the terms and conditions that apply to the sampling and/or viewing of core samples at the New Zealand Petroleum and Minerals' (**NZP&M**) national core store (**Core Store**). This includes the preparation and submittal of reports, and the treatment of thin section slides and sample residues generated from the analyses and testing of these samples. Most of the core samples have been photographed enabling an initial online examination prior to sampling; images are available for download via the [Online Exploration Database](#).

Initial Sampling Request

2. In order to conduct sampling, an initial sampling request must be submitted by the applicant in order to obtain pre-approval from NZP&M. The initial sampling request must:
 - a. be made by filling out and submitting the Core Store Sampling/Viewing Form (**Form**) at least 48 hours in advance of the intended time of sampling (although NZP&M retains the right to grant access to applicants who have given less than 48 hours' notice in exceptional circumstances);
 - b. clearly indicate on the Form the number and type of samples to be removed from the Core Store and the planned analyses/testing to be conducted on such samples. This should detail all relevant information on the analysis/testing to be undertaken including who will be doing the analysis/testing and whether the samples will be destroyed by the analysis/testing;
 - c. indicate on the Form whether the applicant intends to remove the samples from the Core Store. If an applicant fails to indicate their intention to remove samples from the Core Store on the Form, an applicant may not be allowed to remove such samples on the day; and
 - d. indicate the applicant's justification for conducting the analysis in relation to advancing the prospectivity of New Zealand. Where the benefits in relation to the prospectivity of New Zealand cannot be clearly shown pre-approval may not be given.

Sampling at the Core Store

3. Sampling at the Core Store may be conducted by the applicant where pre-approval has been granted in accordance with paragraph 2 above subject to:
 - a. the Sampling Restrictions set out in paragraph 9 below. The Sampling Restrictions impose general conditions on sampling that must be adhered to unless otherwise agreed by NZP&M. Such conditions require that only non-destructive testing may be conducted by an applicant or testing may only be conducted if it does not duplicate previous studies and would provide new geological insight.
 - b. any additional conditions imposed by NZP&M which may include:
 - i. where an applicant wishes to sample a particularly valuable or limited core, such as sidewall core, that a NZP&M geologist be present to supervise the sampling.
 - ii. that all applications for sampling by students be made on their behalf by their supervisor or another employee of the University. As that the University employee will be held responsible for the sampling and reporting, it is advisable that the student's supervisor be present at the time of sample removal.
 - iii. that the all relevant sample material including thin sections, offcuts and residues be returned to the Core Store for archiving at NZP&M at the time of submitting the report in accordance with paragraphs 4 and 5 below.
 - iv. where cuttings samples are taken, the applicant recording both the weight of the sample taken, and the weight remaining in the bag *after* the sample has been removed.

Submission of Reports, Prepared Samples or Residues

4. The specific requirements for core analysis reports received under a current permit are set out in regulation 48 of the Crown Minerals (Petroleum) Regulations 2007.
5. For other sample analysis reports such as fluid inclusion, zircon or core analysis not related to a specific permit, you are required to submit both a full report (**Full Report**) and a redacted report (**Redacted Report**) on the analysis and return any samples, residues or thin sections within 6 months of initial removal of the samples from the Core Store. The redacted report must specifically exclude any interpretation and references to the sampling applicant but include raw analytical data and sample derivatives such as thin section slides. The following conditions apply to the submission of such reports:
 - a. Where you can demonstrate that the analysis could not reasonably be conducted within 6 months of initial removal of the samples from the Core

Store, NZP&M may grant you a reasonable extension of time to submit your reports.

- b. The analysis conducted must be as originally approved (unless otherwise agreed with NZP&M).
- c. Reports must be submitted in digital form as PDF documents. Any tabular data within the report must be submitted as a delimited ASCII file. Further details of digital submission requirements can be found on the [NZP&M](#) website.
- d. All reports must state what has happened to any residues or prepared slides (e.g. when they were returned to the Core Store, when they are planned to be returned, or if they were destroyed in the analysis process). Prepared slides (thin section and Paleo) must be submitted to NZP&M for archiving.

Confidentiality of Reports

- 6. The confidentiality period of reports received under a current permit is set out in the Crown Minerals Act 1991 and the Crown Minerals (Petroleum) Regulations 2007.
- 7. In relation to reports that are not related to a specific permit:
 - a. The Full Report shall be held by NZP&M and will not be made publicly available for 5 years from the date of sampling unless required to under the Official Information Act 1982, parliamentary practice (including parliamentary question time), any minister of the Crown or Select Committee.
 - b. The Redacted Report shall be held by NZP&M and will not be made publicly available for 2 years from the date of sampling unless required to under the Official Information Act 1982, parliamentary practice (including parliamentary question time), any minister of the Crown or Select Committee.
 - c. If samples from the same well/formation are requested by other non-permit holders for the same destructive testing, they will in the first instance be referred to the previous redacted report and raw data even if the 2 year confidentiality period has not expired.
- 8. Where permission has been sought by an applicant and granted by NZP&M to exceed a minimum sample retention set out in the Sampling Restrictions below, the full report and data relating to the sample may be made publicly available when submitted to NZP&M. This is to ensure public access to testing results and data where duplication of such testing is not practicable due to low availability of sample weights or lengths.

Sampling Restrictions

9. The following restrictions and minimum sample retentions apply to NZP&M's ability to grant access to certain samples:

Core (includes full, half-round, slabbed and sidewall)

- a. $\frac{1}{4}$ continuous linear length of core must be retained for long term archive.
- b. Rubble from the core tray must be used first.
- c. If more material is needed slivers may be taken along the length of the core provided more than $\frac{1}{4}$ is left. Samples may not be taken across the width of the core.
- d. If core plugs are required these must be as small as possible and not intersect the $\frac{1}{4}$ of continuous linear length core that is to be retained.
- e. Any material not destroyed during analysis must be returned to the core store.

Cuttings (washed)

- a. Samples must be a maximum of 10g or 1 teaspoon unless prior approval has been given. Combinations of adjacent samples may be necessary if a certain volume is needed.
- b. A minimum of 100g must be retained for archive. Where the initial sample submission is less than 100g, a minimum of 1/3 of initial submission weight is retained.
- c. Any material not destroyed during analysis must be returned to the Core Store.

Cuttings (unwashed)

- a. No more than 20% of the holding can be taken.
- b. A minimum of 100g must be retained for archive. Where the initial sample submission is less than 100g, a minimum of 1/3 of initial submitted weight is retained.
- c. Any material not destroyed during analysis must be returned to the Core Store.
- d. Paleo concentrates must be returned to the Core Store.

For more information please visit our website:

www.nzpam.govt.nz

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