

# GUIDELINES FOR THE DONATION AND ACQUISITION OF MINERAL DRILLCORE

## CONTENTS

Introduction

Notification of drillcore requisition

Objections to request to submit drillcore

Notification before disposal of drillcore

Delivery of drillcore

Public viewing of drillcore

Delivery of drillcore to be allowable expenditure

Drillcore submission protocols and standards

*Delivery protocols*

*Sample packaging*

*Labelling of core trays*

*Registration of delivered core*

Queries and contacts

# GUIDELINES FOR THE DONATION AND ACQUISITION OF MINERAL DRILLCORE

## Introduction

The Western Australian Core Libraries provide a valuable service to the mining and petroleum industries operating in Western Australia. The core libraries in Perth and Kalgoorlie are managed and operated by the Geological Survey of Western Australia ("GSWA"), a division of the Department of Industry and Resources ("DoIR"). By providing a reference archive and modern viewing amenities for drillcores that have been acquired during mineral and petroleum exploration programs in Western Australia, the risk involved in exploration and the cost to explorers in exploring ground that has been drilled is reduced.

Under the *Mining Act (1978)*, the Minister for Mines may request drillcore from mineral tenement holders in Western Australia.

Mineral drillcore perceived as geoscientifically valuable to the minerals industry will be archived. Due to the large number of diamond drill holes drilled each year, only a small percentage (about 2 - 5%) will be selected for archiving. As a general rule, mineral drillcore will not be stored in the core libraries if it is subject to confidentiality or information pertaining to the core is confidential.

The purpose of these guidelines is to specify the protocols and standards required for the submission of mineral drillcore to the Western Australian Core Libraries following a request by the Minister (see Appendix 1). For storage reasons, the submitted mineral core must be in the required format.

## Notification of drillcore requisition

Although under the provisions of the *Mining Act 1978*, the Minister may direct the holders of a prospecting licence, exploration licence, retention licence or mining lease (collectively named exploration tenements) to submit drillcore to a Western Australian Core Library Facility, companies are encouraged to donate mineral drillcore that they consider worthy of archiving. Selection criteria for drillcore submitted as a donation or following a request by the Minister are outlined in GSWA Record 2002/14 (Available at [http://www.dmp.wa.gov.au/documents/gsdRec\\_2002\\_14.pdf](http://www.dmp.wa.gov.au/documents/gsdRec_2002_14.pdf) ).

If the offer of donation of drillcore is accepted or upon the written request by the Director GSWA (as a delegate of the Minister), the holder of an exploration tenement shall store, protect and deliver drillcore to one of the two libraries as specified.

## **Objections to request to submit drillcore**

The tenement holder may object to the requisition of the drillcore by writing to the Director GSWA, setting out the reasons, and the request may be waived, alternative drillcore may be accepted, a different timeframe to submit the core may be agreed upon, or special conditions for sampling may be applied.

## **Notification before disposal of diamond drillcore**

Drillcore represents a valuable asset to all mineral explorers and hence holders of an exploration tenement, before disposing or destroying of any core from diamond drilling, should contact GSWA and give at least 3 months notice to the Director GSWA for determination of the importance of the drillcore and whether it should be archived. Notification notice should take the form as illustrated in Appendix 2.

## **Delivery of drillcore**

When a tenement holder has been notified that drillcore is required or it has been accepted for donation, a date for submission will be agreed upon. It is envisaged that the drillcore will be submitted as soon as practicable after:

- (i) the date corresponding to the public release of the associated company reports under the *Sunset Clause* provisions of the *Mining Act 1978*. This will typically be about 6 years after the completion of the drill hole;
- (ii) the expiry, surrender or forfeiture of the tenement on which the drilling was carried out; or
- (iii) the relinquishment of that part of the tenement on which the drilling was carried out.

## **Public viewing of drillcore**

As the core libraries are public facilities, submitted drillcore will generally be available for public viewing.

At the discretion of the Director GSWA, limited sampling of core may take place. It will generally be a condition of sampling that results are submitted to the Director GSWA within 6 months after completion of analyses and will be placed on "Open File".

## **Delivery of drillcore to be allowable expenditure**

The cost of delivery of the drillcore to a DoIR drillcore storage facility is to be allowable expenditure for the relevant tenement.

## **Drillcore submission protocols and standards**

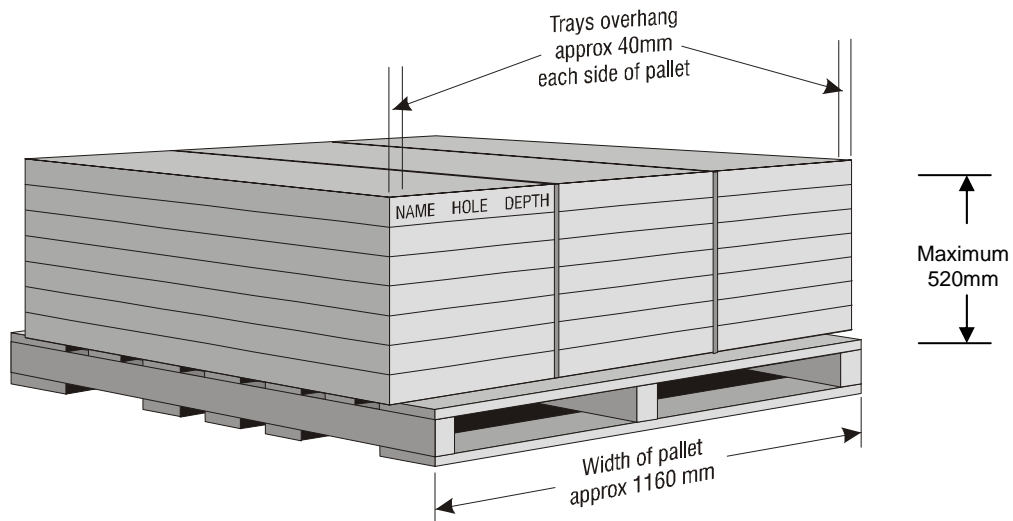
Drillcore delivered to either Kalgoorlie or Perth should follow the submission protocols and standards.

### *Delivery protocols*

1. The drillcore must be accompanied by a completed Drillcore Submission Form (Appendix 1). Submission of any other relevant information that has not previously been supplied as part of annual reporting is encouraged.
2. The Core Librarian at the specified core library must be advised at least two working days in advance of all pending deliveries.
3. The Core Librarian may refuse to accept delivery of core that arrives incorrectly packaged or labelled. Such refusal will not remove from the tenement holder the obligation of submitting drillcore in compliance with these guidelines.

### *Sample packaging*

4. Drillcore samples must be delivered in standard commercial core trays, in good and safe condition.
5. Core placed in trays must run in the one direction with the placement of a marker (depth indicator) at the start and end of each tray. Markers should also be used throughout to indicate the depth, and in particular to indicate loss of core.
6. Trays must be stacked in sequence on pallets, with three trays across a pallet where possible, and the sequence continued in horizontal rows (from left to right).



7. Pallets used must be standard industrial pallets that comply with Australian Standard AS 4068 and with dimensions of 1160mm x 1160mm x 150mm, weighing approximately 36kg (hire pallets are not acceptable).
8. The total height of core trays on a pallet must not exceed 520mm and the trays should be double strapped to the pallet.
9. The total weight of the pallet plus core trays must be less than 950kg.
10. The following table provides the expected loading limit for various standard drillcore tray sizes.

Type	Dia. of Core (mm)	No. of Rows	Size of tray (mm)	Trays per Pallet
BQ	36	8	810 x 460 x 35	24 (2 across)
		10	1070 x 470 x 40	20 (2 across)
NQ	47	7	1000 x 400 x 50	27 (3 across)
		7	1070 x 470 x 55	16 (2 across)
HQ	63	5	1000 x 400 x 65	21 (3 across)
		5	1075 x 465 x 65	14 (2 across)
PQ	83	3	810 x 320 x 90	15 (3 across)
		4	1000 x 400 x 90	15 (3 across)

#### *Labelling of core trays*

11. All core trays should be packaged and labelled clearly prior to delivery. Core trays should be labelled, at the 'start' end of each tray, with:
  - tray number;
  - company name (abbreviations are acceptable);
  - drill hole name and number; and,
  - start depth and finish depth (in metres) of the core contained in the tray.

### *Registration of delivered core*

12. Drillcore samples will be registered as received by the drillcore library when they have been checked by the core librarian for:

- completed *Drillcore Submission Form* (see Appendix 3);
- approved pallet loading and secure strapping;
- approved labelling; and,
- reference to any special or hazardous material.

### **QUERIES AND CONTACTS**

Questions concerning these guidelines or about the operation of the Western Australian Core Libraries should be directed to:

#### **Joe Lord Core Library**

Cnr Broadwood and Hunter Streets,  
Kalgoorlie, W.A. 6430.

Phone: (08) 9022 0410

Fax: (08) 9091 4499

Email: wayne.hitchcock@dmp.wa.gov.au

#### **Perth Core Library**

37 Harris Street

Carlisle WA 6101.

Phone: (08) 9470 0304

Fax: (08) 9470 0350

Email: gary.williams@dmp.wa.gov.au

Further information can be obtained at [www.dmp.wa.gov.au/GSWA/index.asp](http://www.dmp.wa.gov.au/GSWA/index.asp)  
(click on "Western Australian Core Libraries")

**APPENDIX 3**

***DRILLCORE SUBMISSION FORM***

**Drill hole Name/Number:** .....

**Coordinates:** AMG / MGA **Easting:** ..... **Northing:** ..... **Zone:** .....

**Total Depth Drilled:** ..... (m) **Azimuth:** ..... **Date Drilled:** ...../...../.....

**Description of Locality (name of place):** .....

**Project:** ..... **Tenement Number:** .....

**1:250,000 Map Sheet: Name:** ..... **Number:** .....

**Tenement holder (at time of drilling):** .....

**Depth of Core Received: (From):** ..... (m) **(To):** .....(m)

**Number of Trays:** ..... **Type of Drilling: Drillcore**

**Plans/location map provided:** Yes / No

**Cross section provided:** Yes / No

**Digital files provided:** Yes/No

**Drill hole logs provided:** Yes / No

**Main purpose of drilling (commodity, exploration, geotechnical, etc):** .....

.....

**Person completing this form**

Print name.....Signature.....Date.....

Company name:.....

---

***Core Library Use***

**Acquisition Number:** ..... **Date:** ..... /..... /.....

**Received from Company:** ..... **Contact Person:** .....

**Phone:** ..... **Fax:** ..... **Email:** .....

**Date of Acquisition:** ..... **Additional Information attached (checkbox):**

**WAMEX "A" number:**.....

---

Please read the following instructions before depositing drillcore at any of the Western Australian Core Libraries.

---

1. Arrangements shall be made with the Core Librarian before delivery of any drillcore to the Western Australian Core Libraries.

**Phone: Kalgoorlie (08) 9022 0410 or Fax: (08) 9091 4499 Perth (08) 94700304 or Fax (08) 9470 0350**

---

2.

**Core**

- (a) Must be delivered in standard commercial core trays, in good and safe condition.  
(b) Must be stacked and double strapped and be in sequence on approved pallets (NOT on hire pallets). The total height of core trays on pallet must not exceed 520mm. No pallet of core is to exceed a total weight of 950kg.  
(c) All trays must be accurately numbered/labelled on the end of each tray. For example Tray Number - Hole/Sample Name/Number - Depth From (m) - Depth To (m), and any other relevant information.

**Information**

- (a) This Drillcore Submission Form must be completed at time of submission - for assistance contact Core Librarian.  
(b) Tenement holder is encouraged to submit additional information about drillcore.
- 

3. **Are the samples hazardous?** Yes/No (if 'Yes', inform Core Librarian before delivery)

---

---

---

*A New Source of Geological Information*

---

**Joe Lord Core Library**  
Cnr Broadwood and Hunter Streets,  
Kalgoorlie, W.A. 6430.  
Phone: (08) 9022 0410 Fax: (08) 9091 4499  
Email: [wayne.hitchcock@dmp.wa.gov.au](mailto:wayne.hitchcock@dmp.wa.gov.au)

**Perth Core Library**  
37 Harris Street  
Carlisle WA 6101.  
Phone: (08) 9470 0304 Fax: (08) 9470 0350  
Email: [gary.williams@dmp.wa.gov.au](mailto:gary.williams@dmp.wa.gov.au)

## APPENDIX 2

Director  
Geological Survey  
Department of Industry & Resources  
100 Plain St  
East Perth WA 6009

Dear Sir,

### NOTIFICATION OF DISPOSAL/DESTRUCTION OF DIAMOND DRILLCORE

As per Regulation 96D(1) of the Mining Act 1978, I hereby notify you of our intention to dispose/destroy the following diamond drillcore:

**Drill hole Name(s)/Number(s):** .....

**Coordinates:** AMG / MGA **Easting:** ..... **Northing:** ..... **Zone:** .....

**Total Depth Drilled:** ..... (m) **Azimuth:** ..... **Date Drilled:** ...../...../.....

**Description of Locality (name of place):** .....

**Project:** ..... **Tenement Number:** .....

**1:250,000 Map Sheet: Name:** ..... **Number:** .....

**Tenement holder (at time of drilling):** .....

**Company Name:** ..... **Contact Person:** .....

**Company address:** .....  
.....  
.....

**Phone:** ..... **Fax:** ..... **Email:** .....

**Print name**.....**Signature**.....

**Date**.....

**Note: If insufficient space, please attached list of drillcore containing the above details**

---

Please read the following instructions before depositing drillcore at any of the Western Australian Core Libraries.

---

1. Arrangements shall be made with the Core Librarian before delivery of any drillcore to the Western Australian Core Libraries.

**Phone: Kalgoorlie (08) 9022 0410 or Fax: (08) 9091 4499 Perth (08) 94700304 or Fax (08) 9470 0350**

---

2.

**Core**

- (a) Must be delivered in standard commercial core trays, in good and safe condition.  
(b) Must be stacked and double strapped and be in sequence on approved pallets (NOT on hire pallets). The total height of core trays on pallet must not exceed 520mm. No pallet of core is to exceed a total weight of 950kg.  
(c) All trays must be accurately numbered/labelled on the end of each tray. For example Tray Number - Hole/Sample Name/Number - Depth From (m) - Depth To (m), and any other relevant information.

**Information**

- (a) This Drillcore Submission Form must be completed at time of submission - for assistance contact Core Librarian.  
(b) Tenement holder is encouraged to submit additional information about drillcore.
- 

3. **Are the samples hazardous?** Yes/No (if 'Yes', inform Core Librarian before delivery)

---

---

---

*A New Source of Geological Information*

---

**Joe Lord Core Library**  
Cnr Broadwood and Hunter Streets,  
Kalgoorlie, W.A. 6430.  
Phone: (08) 9022 0410 Fax: (08) 9091 4499  
Email: [wayne.hitchcock@dmp.wa.gov.au](mailto:wayne.hitchcock@dmp.wa.gov.au)

**Perth Core Library**  
37 Harris Street  
Carlisle WA 6101.  
Phone: (08) 9470 0304 Fax: (08) 9470 0350  
Email: [gary.williams@dmp.wa.gov.au](mailto:gary.williams@dmp.wa.gov.au)