

## **MRD 204 METADATA DETAIL PAGE**

The following represents the Basic description of an information holding. To obtain more information about this holding, see the section named [Contacts](#).

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### **Detail Information:**

#### **GENERAL INFORMATION**

**Official Name of the Data Set or Information Holding:** An Updated Guide to the Subsurface Paleozoic Stratigraphy of Southern Ontario.

**Acronyms are Used to Identify the Data Set or Information Holding:** MRD 204

**Describe the Data Set or Information Holding:** Armstrong, D.K., Carter, T.R. (authors) This data release includes the results of a project carried out in 2004 and 2005. The project study area covers southern Ontario west of the Kingston area and south of the Paleozoic/Precambrian unconformity. The data release includes: a bibliography; descriptions of each stratigraphic unit; practical criteria for identification and picking of formation contacts in drill cuttings, core and from gamma-ray logs; descriptions of regional trends in unit thickness, lithology and facies; lithologic logs of reference well cuttings and cores; formation top picks based on geophysical and geologic logs for each reference well; lithologic descriptions of reference outcrops; regional cross sections; identification of oil-, gas- and water-bearing intervals; and annotated photographs of reference cores and outcrops. This data release consists of a digital (PDF) version of the text of Open File Report 6191, plus appendices and large format figures that were not included in the OFR hard copy.

**The Intended Use and Purpose for Collecting the Data Set or Information Holding:** The project was undertaken to update a previous (1967) publication of the same name, incorporating new subsurface data and using modern subsurface mapping techniques and interpretative models. Additionally, the present study incorporates reference outcrops and reference cores and their correlation with geological observations and interpretations from petroleum well drill cuttings and geophysical logs. This project was completed as part of the Southern Ontario Hydrocarbon Resource Evaluation and Stratigraphic Synthesis Project using funding provided by Natural Resources Canada under the Targeted Geoscience Initiative 2 program. The objective of this product is to collect and disseminate geoscience information for Ontario.

**Describe any Restrictions and Legal Prerequisites for Accessing the Data Set (Data Privacy/Security):** Abbreviated Terms of Use "Content" and/or "Electronic Information Product" (EIP) and its Content: This Content and/or EIP and its Content is offered by the Province of Ontario's Ministry of Northern Development and Mines (MNDM) as a public service, on an "as-is" basis. Recommendations and statements of opinions expressed are

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Armstrong, D.K. and Carter, T.R. 2006. An updated guide to the subsurface Paleozoic stratigraphy of southern Ontario; Ontario Geological Survey, Miscellaneous Release - Data 204

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**Time Coverage:** Tuesday, October 10, 2006

**Time Coverage Comments:** Date of Publication

**Enter or Select the Current Status of the Data Set:** Complete

**Enter or Select the Frequency with which Changes or Additions are Made to the Data Set:** None Planned

**Enter the retention schedule number:** 9999

**Retention period or description:**

**Keywords:**

MINISTRY OF NORTHERN DEVELOPMENT AND MINES  
MNDM

OGS  
ONTARIO GEOLOGICAL SURVEY

**Business Theme:**  
GEOLOGICAL SURVEY  
GEOLOGY

### **GEOGRAPHIC INFORMATION**

**Selected geographic type:**Bounding Box only

North Bounding Coordinate: 46° 04'

South Bounding Coordinate: 41° 42'

West Bounding Coordinate: -83° 31'

East Bounding Coordinate: -76° 14'

**Geographic Completeness:** irregular shape-completeness not available

### **MAPPING INFORMATION**

**Grid Coordinate System Used:** Universal Transverse Mercator

**Map Projection:** Transverse Mercator

**Horizontal Geodetic Datum:** NAD83

**Vertical Geodetic Datum:** Not Applicable

**Position Accuracy of Features:**

**Horizontal:** +/- 10m

**Vertical:** +/- 10m

### **DATA SOURCE INFORMATION**

**Data Source Type:** Includes Bibliographic Information

**Describe for the Source Data Contribution:** Product includes references to other sources of information

**Data Source Type:** Direct Field Collection

**Describe for the Data Source:**

**Time Period Comments:** Outcrop Field Work Summer and Fall 2004

**Data Source Type:** Petroleum Wells: digital database and direct collection (core logging)

**Name of the Source Data Set:** Ontario Petroleum Data System

**the Acronyms Used to Identify the Source Data Set:** OPDS

**Describe the Data Source:** OPDS consists of an Oracle 8.0.5.1 relational database and a related custom software application written in Powerbuilder 6.5. The database resides on an Oracle server located in Peterborough with principal users located in London at the Petroleum Resources Centre. OPDS is used for entry, editing, viewing and

querying data for all wells drilled under the authority of the Oil, Gas and Salt Resources Act or its predecessor legislation and for producing reports and approvals including licences for petroleum wells. The data consists of geological, drilling and engineering information on over 21000 petroleum wells drilled in all parts of Ontario and dating back into the late 1800s. The stored data includes well location, well status, operator, drilling dates and depths, geological formation tops, well construction, oil/gas/water intervals, logging intervals, cored intervals, drill sample disposition, etc.

**Name of the Organization that Create the Source Data Set:** Petroleum Resources Centre, Ministry of Natural Resources

## **CONTACT**

### **GENERAL INFORMATION CONTACT:**

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## METADATA

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The Languages which are Data Distributed in:English

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