

Core Logging Techniques

29 - 30 January 2018

Presented by

Economic Geology Research Centre



Location

James Cook University
Townsville QLD

Course Leader

Prof. Paul Dirks

Course Fees

EGRU member	\$660.00
Non-EGRU Member	\$860.00
Students	\$135.00

Inclusive of GST, \$AU

Registration

[Online Registration](#)

Introduction

This 2 day course, available to industry geologists and, students as an opportunity for short duration professional training. The training is part of the honours coursework program at JCU in 2018 so, participants will work alongside current JCU honours students.

Course Description:

This 2 day course aims to teach participants the basic skills and methodology required to review and log geological core. Emphasis will be placed on the recognition, description and acquisition of oriented data (bedding planes, faults, fractures, shear zones), and how this data relates back to field observations. No prior experience in core logging is assumed, the aim being to familiarise participants with the key requirements of core logging, and how logs should be interpreted and integrated with geological models.

The course will comprise short morning lectures introducing the principles of core logging on day one and the integration of core logs into structural sections and geological models on day two, with substantive time each day spent undertaking practical group exercises.

Day 1 - participants will undertake logging at suitable scales to capture the required degree of information for a successful interpretation, and, importantly, present that data and interpretation to their peers.

Day 2 - participants will undertake exercises in which each person will reconstruct cross sections from existing core logs, orientation data and geological maps. This will require careful consideration of how to connect critical markers to best reflect the geology of the area. Results will be discussed within the group at the end of the practical sessions

Enquiries

Judy Botting

judith.botting@jcu.edu.au

07 4781 4726

Course Requirements

Enclosed shoes

Course Notes

Will be provided

Location

James Cook University

Townsville

Courtyard Building 034 and Building 017, Room 131

[Map](#)

Daily Routine

9.00 - 5.30

Catering

Morning and afternoon tea – fully catered

Lunch – included for industry participants only

Transport and Parking

[Sunbus](#) – Route 201 - one stop on the University near building 134 – follow pathway in front of the Library to 034

Parking – free parking is available beside the ring road opposite buildings 017/034 – parking tickets for the permit areas are available at the bookshop

Accommodation Options

Cedar Lodge – www.cedarlodge.com.au

JCU Short Stays - www.jcu.edu.au/jcu-halls/short-stays

General Townsville Accommodation -

www.queenslandholidays.com.au/destinations/townsville/accommodation/accommodation_home.cfm