



HyLogging Workshop

This workshop will illustrate the wealth of objective mineralogical and lithological information available in HyLogger-derived hyperspectral data obtained from diamond drillcore.

Date: Thursday 20 May 2021

Time: 9 am to 4 pm

Venue: Perth Core Library, 37 Harris Street, Carlisle WA 6101

Presenters: Carsten Laukamp (CSIRO), Paul Duuring (GSWA), Jessica Stromberg (CSIRO), Lena Hancock (GSWA), and Michael Wawryk (GSWA).

Requirements: Bring your own laptop for hands-on case studies using The Spectral Geologist (TSG) software package. One-day TSG licences will be installed on laptops at the beginning of the workshop. Closed shoes, hand lens, and scribe are also required.

Registration is free, but places are limited to 20. Reservation is therefore essential to secure your place, but please book only if you are sure that you will attend.

Contact: Lena Hancock (08) 9470 0307 lena.hancock@dmirs.wa.gov.au

Program:

9:00 – 10:30 Introduction to GSWA HyLogger and data access.
Basic mineral spectroscopy theory

10:30 – 11:00 Morning tea and TSG8 installation

11:00 – 12:30 Geological background of the Obelisk Cu-Au prospect,
Paterson Orogen and visual core inspection of drillhole
PND002

12:30 – 13:00 Lunch

13:00 – 16:00 HyLogger data interpretation of the Obelisk drillcore and
comparison with visual logging.
Discussions.

Catering

Morning and afternoon teas, and a light lunch, will be provided. Please advise of any dietary requirements when registering.

Parking

Perth Core Library, 37 Harris Street, Carlisle

Free parking

