



HyLogging Workshop

This workshop will illustrate the wealth of objective mineralogical and lithological information available in HyLogger-derived hyperspectral drillcore data using a new HyLogger hyperspectral mineralogy dataset from the world-class Mt Weld REE deposit.

Date: Tuesday 21 June 2022

Time: 9 am to 4 pm

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

Presenters

Ganesh Bhat (Lynas Rare Earths Ltd.), Carsten Laukamp (CSIRO), Jessica Stromberg (CSIRO), and Lena Hancock (GSWA), assisted by GSWA geologists Michael Wawryk and Paul Duuring

Requirements

- Bring your own laptop for the hands-on case studies using The Spectral Geologist (TSG) software package
- TSG licences will be installed on laptops
- Please wear closed shoes
- Bring hand lens and scribe
- No previous hyperspectral mineralogy experience is required

Registration is free, but places are limited to 15. Reservation is essential to secure your place. Please book only if you are sure that you will attend.

Contact Lena Hancock: lena.hancock@dmirs.wa.gov.au

Program	
9:00 – 10:30	Introduction to the NVCL, GSWA HyLogger and data access Introduction to Hyperspectral Mineralogy
10:30 – 11:00	<i>Morning tea (provided)</i>
11:00 – 12:30	Geological background of the Mt Weld REE deposit, and visual drillcore inspection of drillhole MWEX10270
12:30 – 13:00	<i>Lunch (provided)</i>
13:00 – 16:00	HyLogger data interpretation of the Mt Weld drillcore in TSG, comparison with visual logging, and discussions