



Geological Survey of  
Western Australia



AuScope



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## HyLogging Workshop

*This workshop will illustrate the wealth of objective mineralogical and lithological information available in HyLogger-derived hyperspectral drillcore data using a Hylogger hyperspectral mineralogy dataset from the world-class Gruyere gold deposit, Yamarna Terrane*

**Date:** Thursday 2 February 2023

**Time:** 9 am to 3 pm

**Venue:** Joe Lord Core Library, corner Broadwood & Hunter Streets,  
West Kalgoorlie

**Presenters:** Jessica Stromberg (CSIRO), Lena Hancock (GSWA), and Michael Wawryk (GSWA).

**Requirements:** Bring your own laptop for the hands-on case studies using The Spectral Geologist (TSG™) software package. One-week TSG™ licences will be sent to participants before the workshop. Closed shoes are required. No previous hyperspectral mineralogy experience is needed.

**Registration** is free, but places are limited to 15. Reservation is therefore essential to secure your place, but please book only if you are sure that you will attend. Contact Lena Hancock: [lana.hancock@dmirs.wa.gov.au](mailto:lana.hancock@dmirs.wa.gov.au)

### Program:

**9:00 – 10:30** Introduction to the NVCL, GSWA HyLogger and data access. Introduction to Hyperspectral Mineralogy and TSG software.

**10:30 – 11:00** *Break*

**11:00 – 12:30** Geological background of the Gruyere gold deposit. HyLogger data interpretation using dataset 15EIS001.

**12:30 – 13:00** *Lunch break*

**13:00 – 15:00** Visual drillcore inspection of drillhole 15EIS001. Comparison with HyLogger data, and discussions