





Tuesday, 27 November 2012


- 08:30 Arrival at GEUS, Øster Voldgade 10, DK-1350 Copenhagen K. Guests will have to sign in at the GEUS reception. The workshop will take place in the 'Lauge Koch' meeting room, 3rd floor at GEUS.
- 09:00 Opening session (Karen Hanghøj, GEUS & Henrik Stendal, BMP)
- 09:20 Outline of the objectives of the workshop and the procedure for the assessment (Bo M. Stensgaard, GEUS)
- 09:50 Outline of the assessment methodology and the 'USGS 3-part undiscovered mineral resource estimation methodology' (Bo M. Stensgaard, GEUS & Michael Zientek, USGS)
- 10:20 Coffee break
- 10:40 Review of the USGS descriptive models for nickel deposits (Michael Zientek, USGS)
- 11:30 Lunch (Free for registered participants) – sponsored by **SRK Exploration Services Denmark** 
- 12:15 Keynote talk 1: Descriptive and genetic models of Nickel Sulphide Deposits with focus on Komatiite-related and Picrite and (or) Tholeiitic Basalt Dike-Sill Complexes related (Norilsk-type) deposits* (Marco Fiorentini, CET-UWA)
- 14:15 Coffee break
- 14:25 Keynote talk 2: Descriptive and genetic models of Magmatic Ore Deposits in Layered Intrusions with focus on Contact-Type Cu-Ni-PGE Deposits* (Michael Zientek, USGS)
- 16:25 Follow-up on Keynote talks and other remarks on nickel mineralising systems (Marco Fiorentini, CET-UWA and Michael Zientek, USGS).
- 17:00 Close of sessions
- 17:00 – Icebreaker and networking event (for all registered participants) – sponsored by **SRK Exploration Services Denmark** 

* Preliminary title

Wednesday, 28 November 2012

- 08:30 Overview of stream sediment geochemistry data with focus on potential for nickel mineralisations (Agnete Steenfelt, GEUS)
- 08:55 Geological history and setting of the Archaean craton with focus on ultramafic and mafic rocks (Thomas Kokfelt, GEUS)
- 09:20 Ultramafic rocks of the North Atlantic and Rae cratons and related nickel mineral systems in Greenland – known nickel occurrences (Jochen Kolb, GEUS)
- 09:40 The Bjørnesund greenstone belt – evidence of komatiite-hosted nickel mineralisations (Denis Schlatter, Helvetica Exploration Services GmbH)
- 10:00 Coffee break
- 10:15 **Assessment of undiscovered nickel deposits related to Komatiite- and Dunite-type nickel sulphide deposits within tracts in the Archaean (facilitated by Bo M. Stensgaard, GEUS)**
- 12:00 Lunch (Free for registered participants) – sponsored by **SRK Exploration Services Denmark** 
- 13:00 Geological history and setting of the Palaeoproterozoic with focus on ultramafic and mafic rocks (Jochen Kolb, GEUS)
- 13:20 Known nickel occurrences in the Palaeoproterozoic parts of Greenland related to ultramafic and mafic rocks (Jochen Kolb, GEUS)
- 13:35 The Niaqornarsuit ultrabasic complex and the Nordre Strømfjord area in the Nagssugtoqidian Orogen in West Greenland (Claus Østergaard, 21st North)
- 14:00 The Ammassalik Ni-Cu-PGE sulphide prospect associated with ultrabasic rocks and graphite-rich supracrustals (Anders Lie, 21st North)
- 14:20 Coffee break
- 14:45 **Assessment of undiscovered nickel deposits related to Komatiite- and Dunite-type nickel sulphide deposits within tracts in the Palaeoproterozoic (facilitated by Bo M. Stensgaard, GEUS)**
- 17:00 Close of sessions

Thursday, 29 November 2012

- 08:30 Status of workshop
- 08:35 Intrusions in Greenland and potential for nickel mineralisations (Troels Nielsen, GEUS)
- 09:00 Timing and genesis of the Norite belt at Maniitsoq – and a short review of the Maniitsoq major impact structure (Adam Garde, GEUS)
- 09:20 Nickel mineralisations in the Maniitsoq region (John Pattison, North American Nickel)
- 09:40 **Not yet confirmed – to be announced later**
- 10:00 Coffee break
- 10:20 **Not yet confirmed – to be announced later**
- 10:40 The Fiskenaasset complex, its nickel potential as byproduct from possible Bushveld type PGE-Ni-Cu deposits (Martin Ghisler, GEUS)
- 11:00 The Waldorf and Sarqa intrusives in South Greenland and nickel potential (Bo M. Stensgaard, GEUS)
- 11:15 **Assessment of undiscovered nickel deposits within contact-type Cu-Ni-PGE deposit type (intrusions) tracts in entire Greenland (facilitated by Bo M. Stensgaard, GEUS)**
- 12:00 Lunch - (Free for registered participants) – sponsored by **SRK Exploration Services Denmark** 
- 12:45 **Assessment of undiscovered nickel deposits within contact-type Cu-Ni-PGE deposit type (intrusions) tracts in entire Greenland (facilitated by Bo M. Stensgaard, GEUS) (continued)**
- 13:30 Flood basalts in West Greenland: review and possibilities for nickel mineralisations (Lotte Melchior, GEUS)
- 13:55 Potential for Noril'sk type Ni-Cu-PGE deposits in West Greenland Tertiary (Stefan Bernstein, Avannaa Resources Ltd)
- 14:15 **Not yet confirmed – to be announced later**
- 14:35 Flood basalts in Northeast Greenland: Zig-Zag Dal Formation – review and possibilities for nickel mineralisations (Thomas Kokfelt, GEUS)
- 14:45 **Assessment of undiscovered nickel deposits within Picrite and (or) Tholeiitic Basalt Dike-Sill Complexes deposit type tracts in entire Greenland (facilitated by Bo M. Stensgaard, GEUS)**
- Coffee break included

- 16:00 Last minute assessment of low priority tracts?
Assessment of other types of nickel deposits in Greenland – what are we missing?
(facilitated by Bo Møller Stensgaard, GEUS)
- 16:30 Summary discussion of the results of the workshop.
(facilitated by Bo Møller Stensgaard, GEUS)
- 17:00 Close of workshop