

Geoscience BC Day 2015

Celebrating 10 Years

THURSDAY, OCTOBER 8TH, 2015
Pan Pacific Hotel Vancouver, BC



Technical Session Agenda

Welcome to Geoscience BC Day

- 8:00 *Registration & Morning Kickstarter Breakfast*
- 8:20 Welcome from Geoscience BC Robin Archdekin, *Geoscience BC*
- 8:35 A Decade of Geoscience for British Columbia Rob Stevens, *British Columbia Institute of Technology*

Chemistry and water in earth science

Session Chair: Peter Bradshaw

- 8:55 Contributions to Water Management in the Energy Industry Brad Hayes, *Petrel Robertson Consulting Ltd.*
- 9:15 Getting to Know BC's Expanded and Modern Regional Geochemical Data. Wayne Jackaman, *Noble Exploration Services*
- 9:35 The Role of Biogeochemistry in the Search for Buried Mineralization: Reconnaissance to Discovery Colin Dunn, *Colin Dunn Consulting Inc.*
- 9:55 Deep Penetrating Geochemical Studies Dave Heberlein, *Heberlein Geoconsulting*
- 10:15 Porphyry Indicator Minerals (PIMS) for Exploration of Covered Deposits Farhad Bouzari, *Mineral Deposit Research Unit*
- 10:35 *Morning Refreshment Break*

Pathways to better understandings through geophysics

Session Chair: Henry Awmack

- 10:50 Using airborne geophysics to map groundwater Bill Brown, *SkyTEM*
- 11:10 New high quality geophysical coverage of prospective ground in BC. Peter Kowalczyk, *Ocean Floor Geophysics Inc.*
- 11:30 Bridging the gap between geology and geophysics James Siddorn, *SRK Consulting*
- 12:00 *Lunch Break*

Integrated studies are the new wave

Session Chair: James Barr

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| 12:50 | Porphyry Integration Project: The Endako Mine | Fionnuala Devine, <i>Merlin Geoscience Inc.</i> |
| 1:10 | No Outcrop, No Problem - Creating a Structural Framework for BC's Nechako Region/TREK project talk | Craig Hart, <i>Mineral Deposit Research Unit</i> |
| 1:30 | Mapping Liquids-rich Natural Gas Fairways in BC | Marc Bustin, <i>University of British Columbia</i> |
| 1:50 | Processing Stream Sediment Data for Geology and Dilution – an Example from North Vancouver Island | Dennis Arne, <i>CSA Global</i> |
| 2:10 | Structural Interpretation of the QUEST Area Magnetic and Gravity Datasets to Guide Porphyry Cu-Au-Mo Exploration in Central British Columbia | Matias Sanchez, <i>Fault Rocks Consulting</i> |
| 2:30 | <i>Afternoon Refreshment Break</i> | |

Guiding the future through earth science

Session Chair: Garth Kirkham

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| 2:50 | Economic Viability of Geothermal Energy at Eighteen Sites in BC | Ron Monk, <i>Kerr Wood Leidal</i> |
| 3:10 | How Geoscientists Can Work Effectively with Aboriginal Peoples | Bob Joseph, <i>Indigenous Corporate Training</i> |
| 3:30 | Democratization of Earth Science Through the Internet. | Jeff Hamilton, <i>Geoscience BC</i> |
| 3:50 | BC Natural Gas Atlas - Geochemical Characterization of our Energy Resources | Michael Whitar, <i>University of Victoria</i> |
| 4:10 | A Next Decade of Geoscience: Lessons from Down Under | Tim Baker, <i>Eldorado Gold Corp.</i> |
| 4:30 | Networking Mixer | |
| 6:30 | Decade Dinner | |