

INAP OpCom Meeting

May 12, 2016

Salt Lake City, Utah, USA

Participants: Claudio Andrade – Barrick (go-to-meeting), Johnny Zhan - Barrick, Kent Christie – Kinross (go-to-meeting), Dean Williams – Kinross (Retired), Cynthia Parnow – Newmont, Rich Borden – Rio Tinto, Ros Green – Rio Tinto (go-to-meeting), Bruce Kelley – INAP (go-to-meeting), Terry Chatwin – INAP, Andrea Chatwin – INAP, Gilles Tremblay - INAP **Presenters :** Mike O’Kane, Andrew Baisley, Bonnie Dobchuk - OKC (Cover Guidance Document – go-to-meeting), Richard Amos - for Diavik (go-to-meeting).

Welcome: Dean Williams welcomed all participants to the meeting. He then read an anti-trust statement.

Technical Director’s Final Report: Terry Chatwin (See Attached)

- Terry reflected on the past ten years with INAP
 - GARD Guide development and roll-out was the highlight
 - Positive energy and hard work from all members – How can INAP build on this?
 - Develop a GARD Guide package for Global Alliance members so that they can present seminars and workshops
 - Develop 1 hour modules on various chapters to present to remote INAP member staff (Cynthia indicated that Rens would be interested in helping develop these). Use go-to meeting so that there can be interaction and questions at the end.
 - Would it be possible to do this in Spanish?
 - ✓ Each group would be responsible for individual translations as needed.
 - Other entities may be interested in these GARD Guide short courses such as the US BLM, EPA etc. and may provide some financial support for their creation
 - To expedite its development we could use existing short course slides and notes
 - ARD is negative – perhaps focus on water and closure (both of which involve ARD issues)
 - INAP member web-sites are doing this
 - It is important for Stakeholders to learn the difference between “**No Harm vs No Impact**”
 - Continue effort on Creating Value for INAP members
 - One pager has been published
 - Build on outreach such as when Dean, Claudio, Terry and Bruce met with Goldcorp in Vancouver last fall
 - Tasks for Gilles
 - Keep GARD Guide at the forefront
 - Keep moving the Business Case for joining INAP forward
 - 2016 Budget update and discussion
 - Budget needed revision due to the resignation of Antofagasta and their subsidiary Twin Metals - resulting in a \$60,000 income shortfall

Presentation by new Technical Manager: Gilles Tremblay (See Attached)

- Attendance at OpCom to learn what is expected and to present his thoughts
 - He will continue with the emphasis on the GARD Guide – He has been on the GARD secretariat since its inception
 - Focus on INAP and Global Alliance (GA) growth
 - Communication – more frequent newsletters including articles on GA members
 - 11th ICARD – planning with IMWA (presentations for the 12th ICARD)

- INAP web-site – use members’ page for a repository of INAP, ICARD, MEND and other CD’s as well as reports on projects
 - Terry will work to get web-site functional before August

Chairman’s Discussion: Dean Williams

- Expanding Value of INAP
 - ARD Best Practice Award – (team: Dean Williams, Bruce Kelley, Bob Kleinmann)
 - Objective to promote Best Practice Management of acid generating materials via international award during ICARD every 3 years
 - Proposed award selection criteria reviewed – several improvement suggestions offered. Team will develop award application format, Terry will distribute.
 - Schedule:
 - Solicit applications: 6/16-5/17 (have applicants send a brief note that they are working on the application)
 - Review: 5/17-5/18 (will require site visits)
 - Award: 9/18 – 11th ICARD in South Africa
 - INAP business case
 - OpCom and Gilles will continue with this effort – Dean and Bruce Kelley will assist as needed
- Continuity of Management
 - Dean acknowledged Terry and Andrea Chatwin for their good work on behalf of INAP
 - As an expression of appreciation, the Board and OpCom chairs will host them at the 11th ICARD in South Africa

Global Covers Guidance Document: Mike O’Kane, Andrew Baisley. Bonnie Dobchuk (OKC via go-to-meeting) (See Attached)

- A “Decision Tree” tool has been developed which looks very helpful
 - Terry will forward it to those at the meeting from the zip drive
 - Claudio and Cynthia will review the PDF and tool as they use it
 - INAP needs to give the final OK on the “Decision Tree”
 - Electronic tool necessary for multiple users – O’Kane will investigate various programs to be used with the tool
- Document is scheduled for completion by mid-summer
 - Prior to the completion, it will be reviewed by three members of the TAG team – Lee Barber, Mark Logsdon and Rens Verburg
 - There needs to be GARD Guide linkage for the Cover Guide
 - Terry will discuss this with Rens – Golder, who knows how to work with the GARD Guide
 - This needs to be in place for the final draft

Diavik Country Rock Pile Study Update: Richard Amos (Diavik via go-to-meeting) (See Attached)
Presentation will be forth coming in separate e-mail.

- INAP is funding the ongoing project at \$10,000
- INAP is supporting the NSERC sponsored TERRA - Net project with in-kind support
 - Claudio and Gilles have volunteered to sit on Boards or Technical Advisory Committees

Australian INAP Report: Bruce Kelley (via go-to-meeting) (See Attached)

- Engaging Australian mining companies
 - Bruce has organized another ARD meeting in Perth where he has invited representatives from INAP companies with a presence in Australia to the first part.
 - The second part of the meeting will include ARD practitioners – consultants, regulators, other interested people

- Updated CSIRO about ARD activities in Australia and elsewhere
- Global Alliance in Australia
 - SMI has separated from JK Tech and desires to continue as an INAP Global Alliance member in Australia
 - Prior to this separation Bruce Barrie was let go by JK Tech
 - Dr. Mansour Edraki will be the Global Alliance contact for SMI
 - CRC Care is presently not in a position to work with INAP but another government center may be willing to participate
- Bruce's work is very positive in bringing INAP to the fore in Australia
 - Bruce is on the committee for the next AMD conference in 2017 which will be held in Tasmania

Proposed INAP Webinar Series: Ros Green- Rio Tinto (via go-to-meeting) (See Attached)

- Quality is the key to successful Webinars
- Webinars used by Rio Tinto have been well received
- Important to make them concrete and succinct
- Always make connections to and be supportive of INAP
 - Could be a vehicle to introduce INAP to mining stakeholders and attract more organization to INAP

Next OpCom Meeting

- Probably Reno (American Exploration and Mining Association) – Fall 2016

ACTION ITEMS

1. Dean Williams and Bruce Kelley along with Gilles will continue to develop a Business Case for INAP.
2. Terry Chatwin will work to improve the web-site before he leaves
3. Terry Chatwin will interface with Gilles as needed
4. Terry will distribute the criteria for the ARD Best Practice Award when he receives it to those in attendance at the OpCom meeting for their review
5. Terry will distribute the OKC "Decision Tree"
6. Claudio and Cynthia will review the PDF and the tool as they use it
7. Terry will discuss with Rens the best way to link the Cover Guide to the GARD Guide
8. OKC will investigate software programs that will allow multiple users to access the "Cover Guidance Decision Tree Tool"