North American Soil Geochemical Landscapes Project

PURPOSE OF TRI-NATIONAL WORKSHOP II – MOVING FORWARD WITH THE CANADIAN SIDE OF THE PROJECT

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"A soil pit in every grid cell"

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North American Soil Geochemical Landscapes Project

PROJECT VISION

The Soil Geochemical Landscapes Project represents an unique opportunity to establish a common environmental view of North America.

North American Soil Geochemical Landscapes Project

TRI-NATIONAL GOAL

•The tri-national project was started in 2002 by geological surveys in Canada – USA – Mexico to accomplish the following:

– A continental-scale framework for generating and managing soil geochemical data now and in the future.
– A soil geochemical database for all of North America generated using consistent and up-to-date protocols ; and
–Relevant data for a large number of users in a wide range of disciplines, focusing on environment and health issues..

•*We have had a tremendously successful first year and are now taking stock and making plans to move forward in 2008.*

NASGLP WORKSHOP II

WORKSHOP GOAL

- Reviewing accomplishments and lessons learned from 2007 to make a “best plan” for new work in 2008 and beyond
- Identifying opportunities to expand the sampling
- Developing partnerships to promote data application
- Developing ideas for new Canadian projects that will respond to users’ needs.

NORTH AMERCAN SOIL GEOCHEMICAL LANDSCAPE PROJECT
Canadian Initiative - Workshop II Looking Forward to 2008
FEB 27-28, 2008

FEBRUARY 27 MORNING

12:30 Registration and coffee at Sala San Marco, 215 Preston St.
13:00 Welcoming remarks D. Boerner (NRCan)
13:10 Remarks on Workshop II purpose and objectives A. Rencz

WHAT WE DID IN THE FIELD IN 2007

13:20 Canadian and Mexican field surveys from 2007 A. Rencz
13:30 United States field surveys from 2007 L. Woodruff (USGS)
13:40 Insights from summer field acquisitions: Comments from and a question and answer session with participants from Canadian "core" sampling surveys P. Friske (NRCan-GSC), T. Goodwin (NSDNR), T. Pronk (NBDNR), M. Parkhill (NBDNR), K. Ford (NRCan-GSC)

WHAT WE ARE DOING IN THE LABORATORY

14:10 Introduction to the session A. Rencz
14:15 Why are consistent protocols important? What is in a number? R. Klassen (NRCan-GSC)
14:35 COFFEE
14:50 Scheme for sample preparation M. McCurdy (NRCan-GSC)
15:00 Protocols manual. Kettles/P. Friske (NRCan-GSC)
15:10 Aqua regia tests R. Garrett/E. Grunsky/ P. Friske (NRCan-GSC)
15:20 Group discussion

WHAT WE ARE DOING WITH THE DATA

16:00 Data: framework, analysis and presentation E. Grunsky/R. Garrett (NRCan-GSC)
16:20 Presentation of new data from "core" analyses E. Grunsky/R. Friske/R. Garrett/ R. Klassen (NRCan-GSC)
16:45 Group discussion
17:15 Summary and plans for Day 2 A. Rencz
17:30 POSTERS/ BAR and SNACKS (Sala San Marco)

18:30 DINNER (self-funded at Allegro Restaurant, 422 Preston Street)

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FEBRUARY 28 MORNING

8:30 COFFEE
8:45 Opening remarks A. Rencz

ADD-ON RESEARCH – HOW THESE EFFORTS ADD TO THE TRI-NATIONAL
8:45
- Soil gas radon studies K. Ford (NRCan-GSC)/J. Chen (HC-RPB)
- Studies of the organic layer (0-30 cm) R. Mroz (EC)
- Biomethods for assessing soil toxicity R. Scroggins (EC-BMD)
- Studies of bioaccessiblity and selected organic components S. Hall (HC)/K. McKendry (HC)

9:40 Stream water and sediment sampling survey R. McNeil (NRCan-GSC)
9:50 Group discussion
10:15 COFFEE

WORKING WITH DATA USERS AND PROVIDERS MORE EFFECTIVELY
10:30 Introduction to session A. Rencz
10:40 Remarks by participants followed by a round table discussion
S. Hall (HC),
G. Russo (NRCan-CFS),
D. Kroetsch/S. Smith (AAFC),
C. Allaway (EC), and others to be arranged.
12:00 Group discussion with questions from the floor
12:30 LUNCH (served in-house)

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FEBRUARY 28 AFTERNOON

MOVING FORWARD WITH THE CANADIAN INITIATIVE IN 2008 AND BEYOND

13:15 Introduction to the session: A. Rencz
13:20 Proposed sampling surveys for 2008 and data products A. Rencz
13:30 What is happening in the provinces and territories? Are there other opportunities for collaboration?
- R. Lett (British Columbia),
- J. Campbell (Saskatchewan),
- H. Groom (Manitoba),
- R. Kelly (Ontario),
- S. Cairns (Northwest Territories),
- and others to be arranged

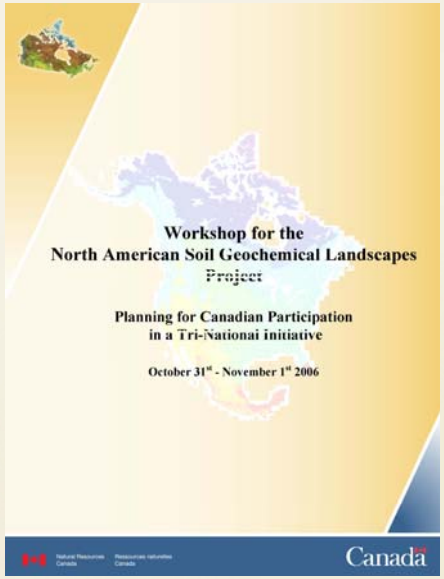
14:30 Group discussion

WALKING OUT WITH A ROAD MAP

15:00 Summary of sessions A. Rencz
15:15 Group discussion: Building an action plan for 2008
16:15 END

North American Soil Geochemical Landscapes Project

- Partnerships are essential for moving forward



Meeting of federal and provincial Project participants at a field orientation meeting in the Fredericton area, June 14, 2007.