

MDRU SC55 - January 16-17, 2010**Gold Deposit Models and Targeting, Short Course at RoundUp 2010****Westin Bayshore Hotel, Vancouver, BC, Canada**

Course Overview: This two-day course will provide participants with an overview of both fundamental and new concepts in gold deposit geology and models, as well as highlighting key features that are critical in exploration targeting and discovery. Targeting techniques will range across scales from crustal to prospect scale utilizing a range of innovative and “tried and true” techniques. Several practical exercises will emphasize practical hands-on map-based applications. This course is aimed at mineral exploration geologists, as well as government, academic and student geologists. Additionally, this course provides an opportunity to meet and exchange data and views with leading researchers in the field.

Day 1 GOLD DEPOSIT MODELS

8:30-9:30	Global Gold Deposits and Deposit Models	Richard Goldfarb
9:30-10:30	Intrusion-related Gold Systems	Craig Hart
10:30-11:00	Coffee Break	
11:00-12:00	Orogenic Gold	Richard Goldfarb
12:00-1:30	Lunch	
1:30-3:00	High & Low Sulphidation Epithermal Gold Deposits	Thomas Bissig
3:00-3:30	Coffee Break	
3:30-4:30	Carlin and Carlin-like Gold Deposits	Ken Hickey
4:30-5:00	Exercises and Discussion	

Day 2 GOLD TARGETING METHODS

8:30-9:00	An Introduction to Exploration Targeting	Craig Hart
9:00-10:00	Targeting Gold Deposits Through Time	Richard Goldfarb
10:00-10:30	GIS Methods for Exploration Targeting	Craig Hart
10:30-11:00	Coffee Break	
11:00-12:00	Structural Targeting for Gold Systems	Shaun Barker
12:00-1:30	Lunch	
1:30-2:15	Targeting Gold Systems with Alteration	Farhad Bouzari
2:15-3:15	Targeting with Placer Gold	Rob Chapman & Jim Mortensen
3:15-3:45	Coffee Break	
3:45-4:30	Prospecting Approaches to Targeting – Discovery of White Gold	Shawn Ryan
4:30-5:30	Discussion	