



MapInfo-Discover for Mineral Exploration - Module 1, June 15-16, 2010. Vancouver

This introductory to intermediate level course consists of a series of lectures and hands-on exercises using geological data and a workbook for each attendee. **Each attendee requires their own laptop computer, mouse, MapInfo 10 and Discover 11.1.** No MapInfo or Discover experience is needed. Windows familiarity is mandatory. Evaluation licenses can be provided for those who do not have MapInfo 10 and Discover 11.1. **Price: CAD \$850 per person + GST**

Course Outline:

- MapInfo Basics
- Manipulating Layer Display and Labels , managing map windows
- Enhanced Layer Control - keep track of multiple windows and data layers.
- Designing data tables for effective data storage and retrieval
- Displaying and Mapping Data Stored in, MS Excel and MS Access
- Selecting Features Graphically or with Queries.
- Thematic Mapping of Mineral Deposit and Geochemical Data.
- Basic digitizing skills
- Importing Images and Data from Other Systems
- Discussions on Map Projections and Data Organization Issues
- Creating a Map Legend
- Layout Design and Printing (layered PDF files)

All courses are held at McElhanney's office: 100-780 Beatty St. Vancouver, BC.

Course hours are 8:45am to 4:15 pm daily.

Payment required before attendee is confirmed for the class.

MapInfo-Discover for Mineral Exploration - Module 2, June 17-18, 2010. Vancouver

This intermediate to advanced level course concentrates on skills required for drillhole projects, and compilation projects involving a variety of surface data. Students who take this course will be well prepared for the Discover 3D course. **Each attendee requires their own laptop computer, mouse, MapInfo 10 and Discover 11.1.** Evaluation licenses can be provided for those who do not have MapInfo 10 and Discover 11.1. **Price: CAD \$850 per person + GST**

Course Outline:

- Colour Tables (Developing and using a reference table for standard lithology colours and patterns)
- Designing a Drillhole Database, Updating tables with New Data
- Drillhole Surveys and Map Coordinate Systems - Issues and common errors. Database Validation - Identifying and fixing common drillhole database errors
- Creating Cross-Sections and Plan Views - Turning tables of data into maps and sections. Managing Cross-Sections and Plan Views, Adding Down-Hole Data to your Sections and Plan Views
- Scaled Plan and Section Plotting - Designing and creating hardcopy plots
- Creating a Custom Coordinate System – work seamlessly with data stored in UTM and local property grid coordinate systems.
- Exporting and Backing-up Drillhole Projects, SQL queries for drill hole and surface data
- Coordinate System Transformations - Incorporating vector data, e.g. CAD files, in "unknown" coordinate systems.
- Geological Map Digitizing.
- Structural Data - Adding structural information to the map
- Dealing effectively with large numbers of text labels
- Gridding and Contouring, Geochemistry Statistics and Point Classification
- Working with Geosoft Grid Files
- MapInfo and Google Earth

Lunch provided by McElhanney.

Attendee's Name(s): _____

Company: _____

Address: _____

Telephone: _____ E-Mail: _____

Courses Requested: MapInfo-Discover 1 _____ MapInfo-Discover 2 _____

Credit Card Type: _____ Visa _____ Mastercard Expires: _____

Card Number: _____ Name on card: _____

Fax to: 604-683-4350 **E-Mail:** amcintosh@mcelhanney.com or icole@mcelhanney.com **Phone:** 604-683-8521

Cancellation Deadline, 12 noon, Pacific time, June 11, 2010. 25% of course fee may be retained for late cancellations. Software, including evaluation licenses, must be installed before coming to class.