

DATAMINE DISCOVER MOBILE SHORT COURSE PROPOSAL

Course Title

Datamine Discover Mobile Training

Course Description

Utilizing MapInfo Pro v17 and Datamine Discover 2019 software, the course introduces the basics of creating Discover Mobile projects on the desktop for use in the android mobile environment. The software combination, designed especially for the geosciences, provides the tools to effectively compile, visualize, collect, and map spatial geosciences data. The course consists of a series of lectures and hands-on exercises using geological data to build maps and visualize data. The course has been customized to allow participants to work with their own data sets and produce maps and data analysis which they can immediately implement.

Specific Objectives

Participants will learn how to:

- Transfer a wide range of GIS data onto a mobile device for use the field including images, grids, vector files.
- Create picklists, data validation tools to aid in data collection in the field.
- Use Discover Mobile's interface to open and manage relevant file types on the mobile device.
- Understand and use Discover Mobile's map window to display and query information.
- Work in an offline environment and cache google base map files onto the device for use when not connected to a network.
- Collect point and line data in the field and associate it with attribute data and images.
- Use the waypoint finder to navigate to points of interest.
- Merge collected field data back into their desktop MapInfo files and back into company data repositories.
- Review additional useful Discover tools and utilities.

Course Audience – Who Should Attend?

The course is designed for geologists, cartographers, exploration managers, exploration technicians, students, and others involved with GIS and map making in mineral exploration. The course is recommended for any professional who wishes to learn how to utilize the powerful field data collection capabilities of Discover Mobile.

Estimated # of Pages of Course Notes

200 pages

Course Duration

1 day

Course Outline

Morning	Afternoon
Introduction	Field Collection
Data Flow	Export to Desktop
Source Data	Import to Desktop Project
Discover Mobile Project Data	Append Data back to Source Files
Checkout to Geopackage	Field Exercise

Prerequisites:

Windows familiarity is required, and knowledge of the android device. This course is recommended for clients already familiar with the concepts outlined in the introduction MapInfo/Discover course. Each attendee is required to provide their own laptop and mobile device. An evaluation license for both MapInfo and Discover can be provided for the duration of the course. Attendees are encouraged to bring their own data sets.

Special Features

The course provides each attendee with a workbook, documentation, data sets and an evaluation license to the current versions of both MapInfo and Discover. See attached Table of Contents for content from course workbook.

Course Instructor

Barbara Carroll

Barbara Carroll has many years of experience in the fields of geology, geographic information systems, and resource evaluation. Her career in geology began as a full time Geologist for Rosario Exploration in 1975. Since then, she has worked for several companies including Duval/Battle Mountain as a System's Geologist from 1978 thru 1991.

Ms Carroll went out on her own and founded GeoGRAFX GIS Services in 1991. The company provides a full range of geological and GIS services to support the exploration and mining industries worldwide with focusing on data compilation, data management, GIS Services, 3D deposit modeling, presentation graphics and training.

Ms Carroll is a 'Qualified Person' for the purposes of NI 43-101 reporting. She has served as a director of a publicly traded company on the OTC markets. In addition to GeoGRAFX, Ms Carroll's currently provides project management, resource estimation, permitting, and technical reporting services to the junior mining sector. She is part of the team that is working to bring the Van Deemen gold deposit online. She also serves as expert witness on cases related to geographic information systems (GIS).

Course History:

This course was developed in response to the recently released Datamine Discover Mobile module. In the highly competitive world of mining, the ability to quickly and easily collect and analyze data has become increasingly important. MapInfo Professional and Datamine Discover software are the industry data analysis tools of choice in the resource sector.