

**gINT TRAINING SUMMIT**  
**Day 1**  
**Fundamentals of gINT -- Course Outline**

**8:30 - 9:00: Introductions and Overview of gINT**

- Overview: A Database Manager for Subsurface Exploration
- Computation and Decision Logic in Reports
- Report Design and Drawing Tools
- Additional Overview Topics
  - Grid Data Entry    ➤ Graphical Data Entry    ➤ Data Import and Export
  - Exporting Reports to Graphic Files    ➤ Symbols and Symbol Design    ➤ Online Resources

**9:00 - 10:00: Understanding the gINT Work Environment**

- The gINT Main Menu
- Projects, Data Templates and Libraries
- Changing Libraries
- System Properties Window
- The SETUP.GSH File
- gINT Application Groups:
  - INPUT            ➤ OUTPUT        ➤ DATA DESIGN    ➤ REPORT DESIGN
  - SYMBOL DESIGN ➤ DRAWINGS    ➤ UTILITIES

*9:40 - 10:00: Workshop: Working with gINT Files*

**10:00 - 10:15: Break**

**10:15 - 10:45: Data Entry**

- Creating a New Project Database
- Grid Input of Field Data

*10:45 - 11:15: Workshop: Project Data Entry*

**11:15 - 12:00: Basic Output and Modifying Input Fields**

- The OUTPUT Tab
- Formatting Table Grids in INPUT
- Modifying Field Properties
- Using Lookup Lists and Library Tables

*11:30-12:00: Workshop: Modifying Input Fields*

**12:00 - 1:00: Lunch**

## **1:00 - 2:00: Export, Fence Reports and Input Enhancers**

- Importing and Exporting Data
- Viewing a Fence Report
- Graphical Data Input
- Grid Input Tricks and Tips

*1:30 - 2:00: Workshop: Exporting/Importing Data*

## **2:00 - 2:15: The UTILITIES Tab**

- Extract from Zip
- Library Merge/Copy
- Print Object Lists

## **2:15 - 2:45: Advanced Output**

- Exporting to PDF
- Exporting to DXF
- Exporting to Bitmap Graphics (JPG and BMP)
- Filtering
- Scripts

## **2:45 - 3:15: Fence Output Options**

- 3-D Output of Fence Reports
- Depth and Elevation Scales
- Specifying a Custom Baseline
- Using Alignments
- Using Min, Max and Scale

## **3:15 - 3:30: Break**

*3:30 - 4:00: Workshop: Advanced Output*

## **4:00 - 4:30: Site Maps**

- Importing a Site Map
- Using a Site Map to Navigate to Borehole Records
- Assigning Coordinates to Unplaced Boreholes using the Site Map
- Positioning New Boreholes on the Site Map
- Using the Site Map to Select Boreholes at Output Time
- Creating and Selecting Zones
- Printing a Site Map Report
- Site Map Entities in Logs and Fences



**gINT TRAINING SUMMIT**  
**Day 2**  
**Developing Your gINT Environment - Course Outline**

**8:30 - 9:45: Data Design**

- Relational Databases and gINT
- Creating and Customizing a Database
- Generating a Project and Importing the Data
- Defensive Design
- Library Tables
- Reading Lists
- Correspondence Files
- User System Data

*9:15 - 9:45: Workshop: Data Design*

**9:45 - 10:00: Break**

**10:00 - 10:45: Report Design Overview**

- Report Properties
- Using glDraw
- The Data Tool

**10:45 - 12:00: Building a Log Report Form**

- Specifying Report Properties
- Header Text Entities
- Depth Column
- Sample Type Column
- Sample Num Column
- Material Graphic Column
- Material Description Column
- Elevation Column

*11:15 - 12:00: Workshop: Build a Log Report Form*

**12:00 - 1:00: Lunch**

### **1:00 - 2:00: Modifying a Log Report Form**

- Adding Water Depth Symbols
- Adding a Tracking Code Block
- Creating a Duplicate of the Report Form
- Making Space for a New Column
- Adjusting Header Text for a Wider Report
- Creating the Moisture Content Column

*1:30 - 2:00: Workshop: Modify a Log Report*

### **2:00 - 3:00: Building a Fence Report**

- Understanding Fences
- Specifying Report Properties
- Adding a Graphic Column Entity
- Previewing the Report Output
- Adding Grid Lines
- Adding a Borehole Number to Each Fencepost
- Offsetting the Fenceposts from the Axes

*2:30 - 3:00: Workshop: Build a Fence Report*

### **3:00 - 3:15: Break**

### **3:15 - 3:40: Building a Fence Report (continued)**

- Inserting a Frame and Title Block
- Creating Water Depth Symbols
- Adding Two Report Headings (one of them user input)
- Adding Axis Labels
- Setting the Print Order and Background Fill

*3:40 - 4:10: Workshop: Complete the Fence Report*

### **4:00 - 4:30: Symbol Design**



**gINT TRAINING SUMMIT**  
**Day 3**  
**Supercharging gINT -- Course Outline**

**8:30 - 9:30: Modeling Your gINT Data**

- Contouring Data Using Surfer and gINT
- gINT and Rockworks
- Surface Grids and Fence Report Baselines or Alignments
- Fence Cross-Sections

*9:00 - 9:30: Workshop: Surface Exercises*

**9:30 - 11:00 Smart Report Forms**

- Building Smart Report Forms
- Conditional Output
- Visibility Rules
- Depth Log Page

**10:00 - 10:15 Break**

*10:15 - 11:00: Workshop: Smart Report Forms Exercises*

**11:00 - 12:00 gINT Rules**

- Creating a gINT Rule
- Invoking a gINT Rule from the Add-Ins Menu (Google Earth Enhancements)
- Accessing gINT Properties from a Rule (Adjust Application Tab Visibility by Username)
- Smart Databases (Conditional Visibility of Tables and Groups)
- Acquiring gINT Rules from the Web Site (gINT Rule to Build a gINT Rule)

*11:30 - 12:00: gINT Rules Exercise*

**12:00 - 1:00 Lunch**

## **1:00 - 1:30 Variable Graphic Legends on Reports**

- Log Report Legend
- Fence Report Legend
- Graphic Text Doc Legends
- Symbol Legend Positions

## **1:30 - 2:30 Component Lithology Descriptions**

- Setting Up the Component Model in the Database
- Configuring the Output Format of Component Descriptions

### *2:00 - 2:30: Component Model Exercises*

## **2:30 - 2:45 Break**

## **2:45 - 4:15 Test Pit Log -- Using Photo Fields and Multiple-Page Setup**

- Photo Fields
- Multi-Page Log Design
- Creating and Configuring Blocks

### *3:30 - 4:15: Workshop: Photo Pages Exercise*

## **4:15 - 4:30 Securing the gINT Library**