

SHORT COURSES

As an adjunct to the Mines and Wine Conference two full-day short courses will be held on the September 18, 2007.

Porphyry Copper and High Sulphidation deposits from a geological and exploration perspective

Dr Roger Taylor and Dr Peter Pollard will be presenting a short course on the above. The course is designed to emphasize practical aspects of exploration and examine the links between the deposit types. It includes the following sections:

- Porphyry copper-general features of the system.
- Structural controls and related aspects.
- Alteration systems -recognition-patterns.
- The Grasberg Cu-Au system. Linked porphyry-high sulphidation systems.
- High Sulphidation Advanced Argillic systems-general including features-alteration-links to porphyry copper deposits.
- The Oyu Tolgoi Cu-Au system. Combined porphyry- high sulphidation system.

A suite of alteration styles will be available for inspection. The presenters both have had extensive consulting and research experience in Porphyry –High sulphidation systems in South America, Indonesia, Mongolia and Australia.

Venue: Orange Ex Service Club

Cost: \$400 AIG Members, \$450 non-members

Building Earth Science Databases Using Microsoft Access

This course will be presented by Luke Bulet who is a highly experienced Windows programmer and consulting geologist. Luke works for Hellman and Schofield Pty Ltd and consults in the areas of databases, networks and software applications. For more details visit the Hellman and Schofield website at <http://www.hellscho.com.au/>

1. What is a 'database'

Access, FoxPro, Paradox, DB2
what is ODBC
difference from spreadsheets (like Excel)

2. Constructing an Access database container

tables
forms

3. Constructing a rudimentary geological drilling database

geological log (table)

downhole survey log (table)
collar location log (table)
assay dispatch log (table)
assay results log (table)

4. Importing & Exporting data

simple text files (preparation, tricks)
Excel file
assay text files (custom import program)
exporting *.csv, etc

5. Techniques

queries, sorting, filtering, error checking, validation during input, reports

Getting ready to import/link Access tables to MapInfo and Micromine

6. Tables - beyond the basics:

data entry tricks, lookup tables, data validation

7. Queries - beyond the basics:

summary, cross tab, delete, find duplicates

8. Linking MDB tables to MapInfo:

procedure, tricks, traps
editing table data in MapInfo vs editing table data in MSAccess
updating map display points, updating table data
SQL Select queries, thematic maps

9. Forms:

Form setup, additions, facilitating data entry, filters, query results as a form's data source

10. Reports

Report Setup, additions, groupings, query results as a form's data source
ODBC/MDB integration with other software packages
Integration of Access tables/queries with MapInfo - procedures, pros and cons, tricks and traps
Integration of Access tables with MicroMine - procedures, pros and cons

11. Real World Example:

putting it all together: using Access in a real drilling program

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Both courses will be filled on a first come first served basis and will only take place if there are sufficient numbers. Enquiries to Wendy Corbett at wendy@platsearch.com.au