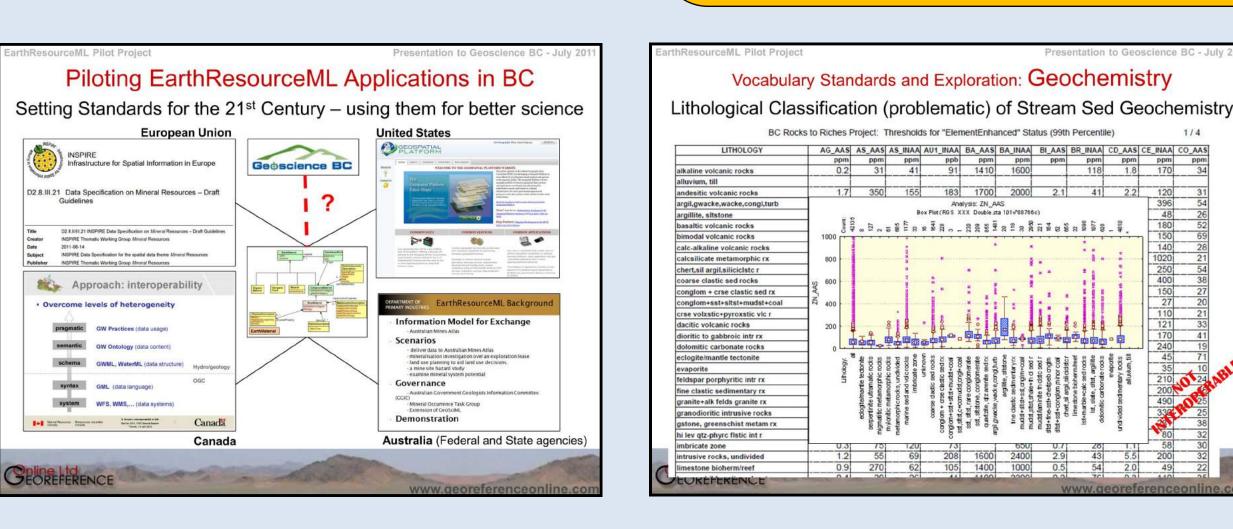
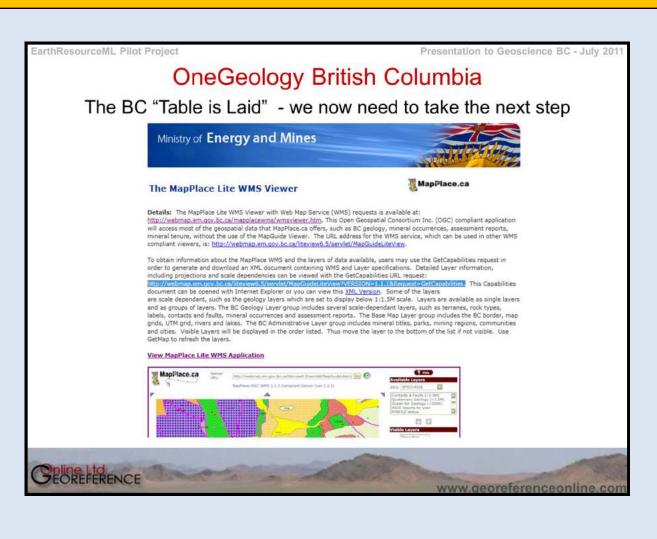
Georeference Online Ltd www.georeferenceonline.com

Refractions Research

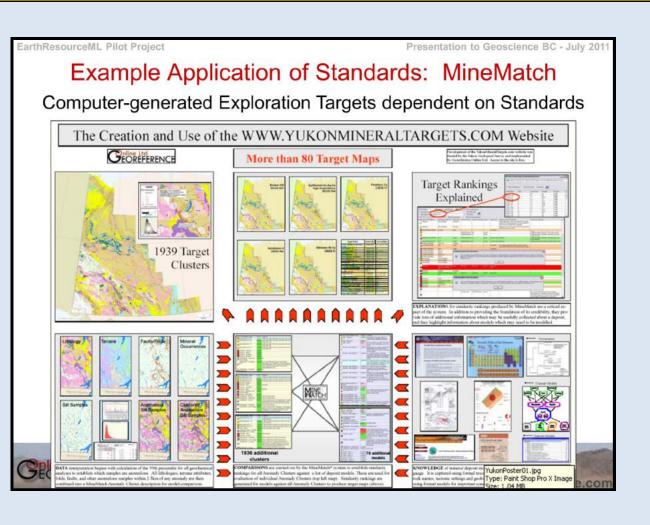
www.refractions.net

Leveraging International Earth Science Standards to Enhance Mineral Exploration Success in British Columbia



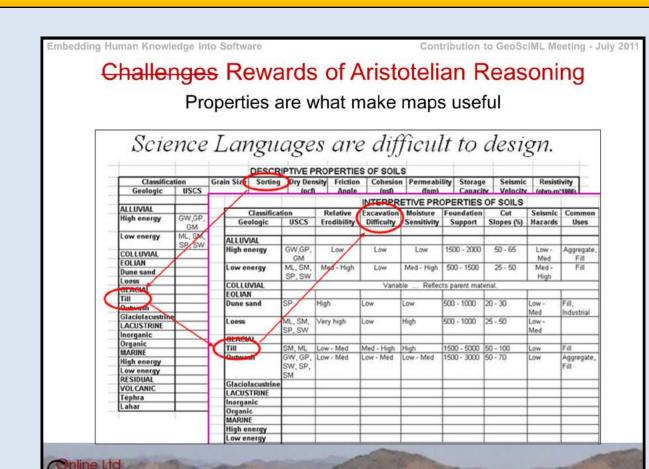


Making Geological Map Data for the Earth Accessible



Catalogue of Registered Services

Language: 🗯 💵



GeoSciML SimpleLithology201001displayed in XML

Not practical for Human Beings

GeoSciML provides a means to encode vocabularies using the model described in section 3.2.10.

This model can be used for any type of vocabulary and is illustrated in Figure 17 with a segment of

mit describes griss = compound_material. 3
gmil:describen type = simple 'An Earth Material composed of an aggregation of particles of Earth Material, possibly including other Compound Materials. 1 his is 'top' of lithology category hierarchy, and should be used to indicate 'any rock or unconsolidated material'. Source: NADM CI, 1998.

| Space = http://www.cgi-lugs.org/uri'>urn:cgi:dassifierScheme:CGI:SimpleLithology:200811:breccia </gml:name>
= en'>Breccia </name>

Space=http://www.cgi-iugs.org/uri*>urn:cgi:classifierScheme:CGI:SimpleLithology:200811:compound_material

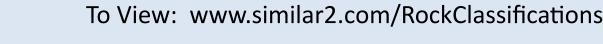
://www.w3.org/1999/xlink* xlink:href="um:cgl:classifierScheme:CGI:SimpleLithology:200811" type="simple" />

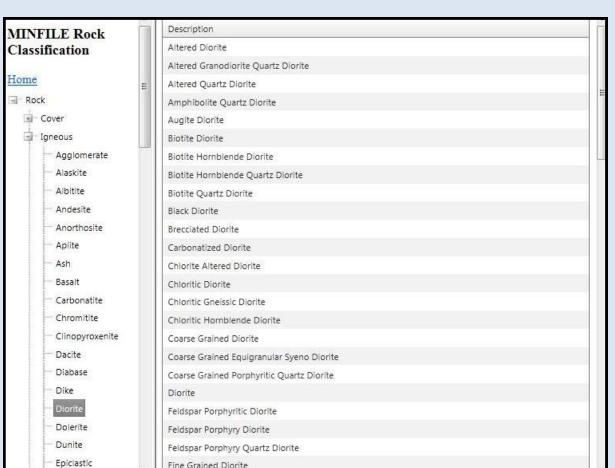
p://www.w3.org/1999/xlink' xlink:href='urn:cgi:classifierScheme:CGI:SimpleLithology:200811' type="simple" />

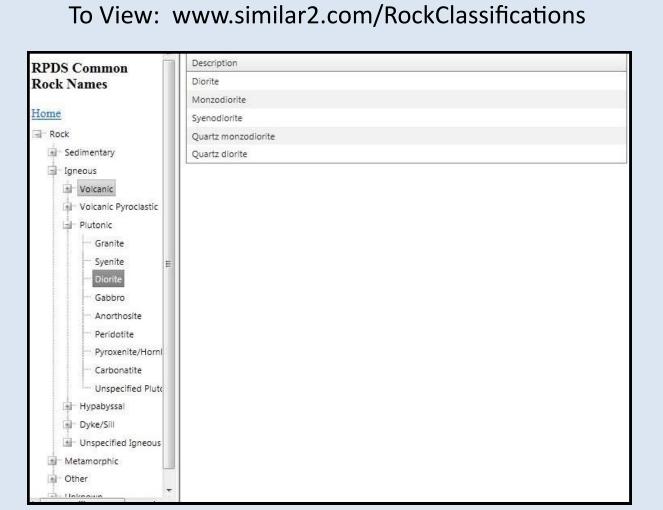
4.3 Controlled Concepts and Vocabularies

4.3.1 Mapping your own vocabularies

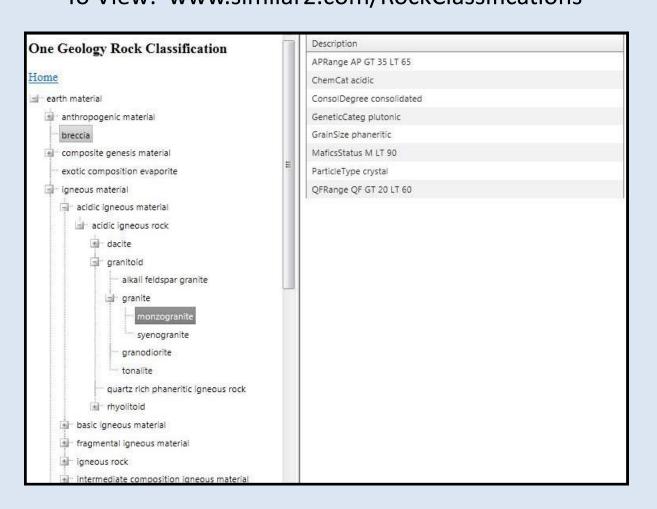




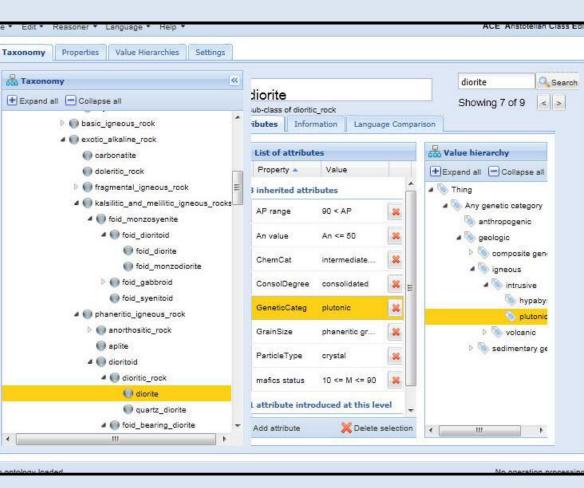


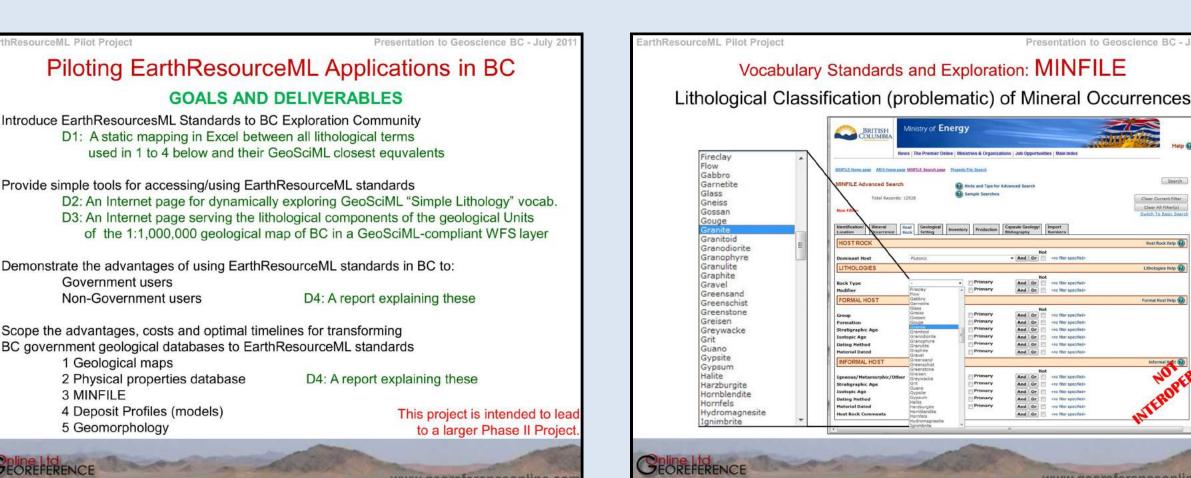


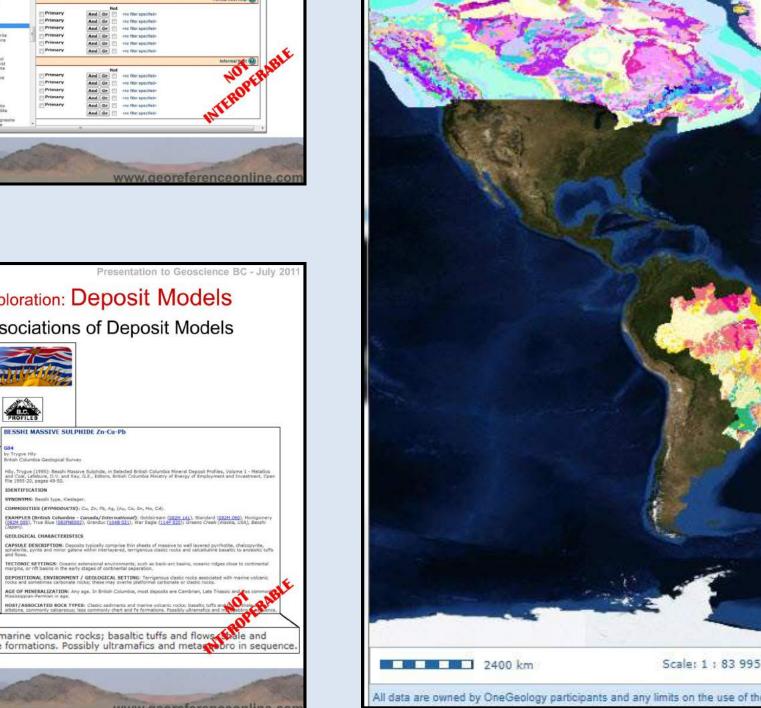




To View: www.similar2.com/RockClassifications



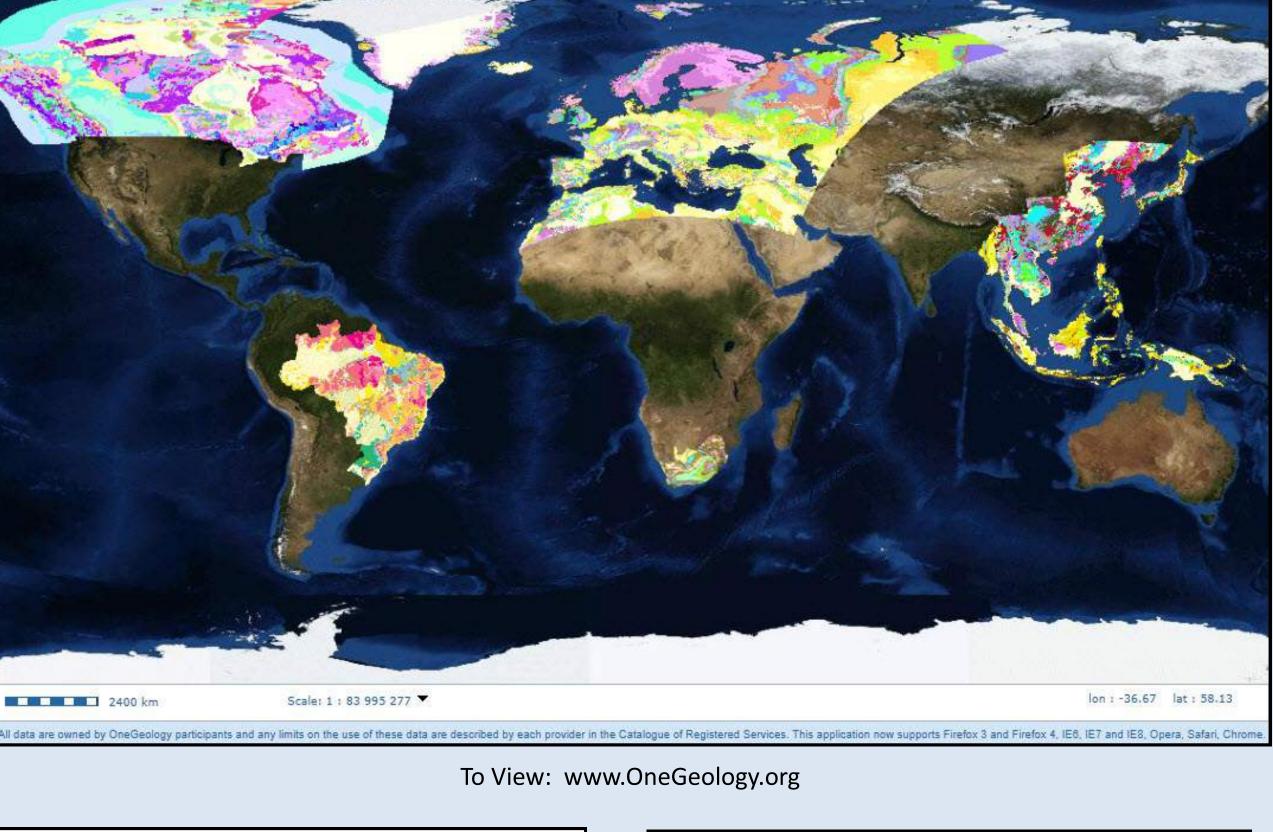




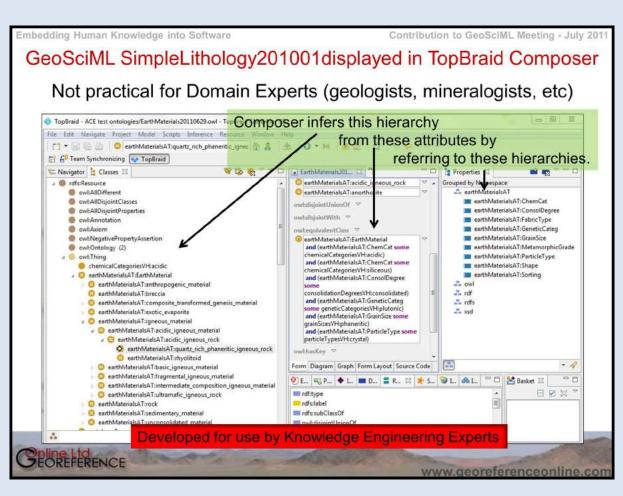
http://portal.onegeology.org/

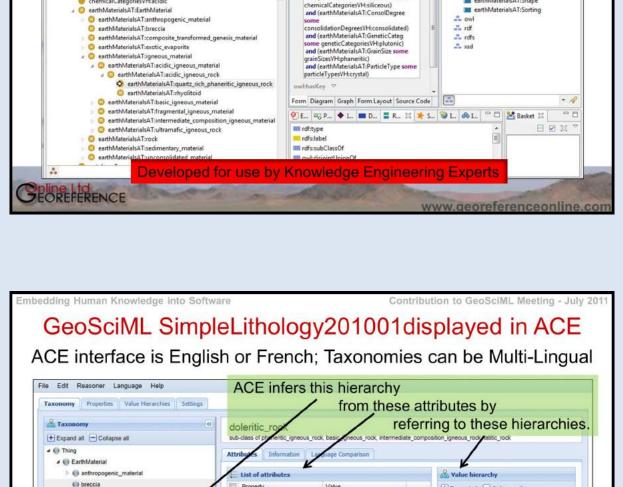
QQ 🗗 🖤 ♥ ભ i 🊇 🖫 🛎 🖨 View layers

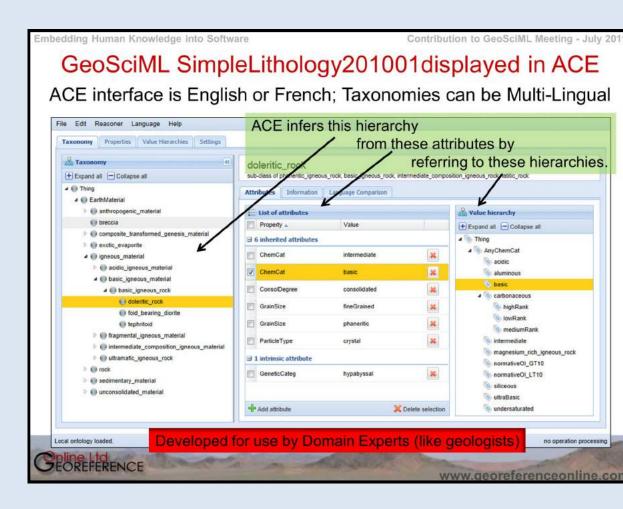
File Edit View Favorites Tools Help

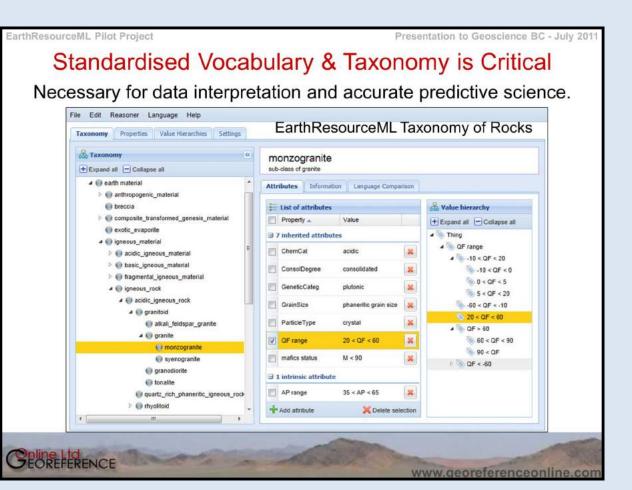


P - 2 C × @ OneGeology Portal







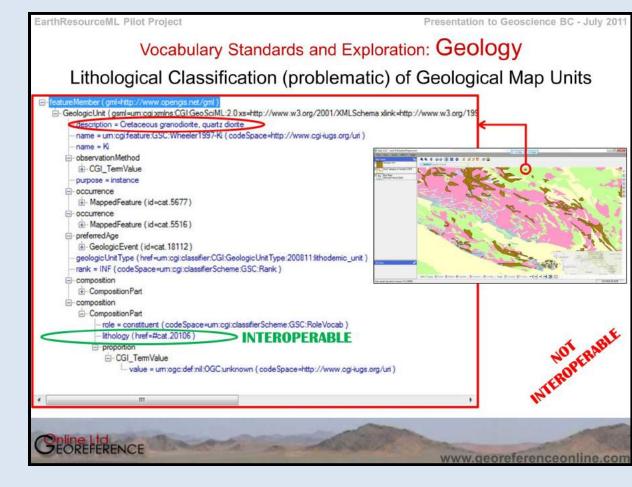


Introduction to EarthResourceML

Born in Australia - Growing up in Europe

Information Model for Exchange

Governance



Vocabulary Standards and Exploration: Deposit Models

Host Rock (problematic) Associations of Deposit Models

HOST/ASSOCIATED ROCK TYPES: Clastic sediments and marine volcanic rocks; basaltic tuffs and flows

British Columbia Mineral Deposit Profiles

BC is one of the very few

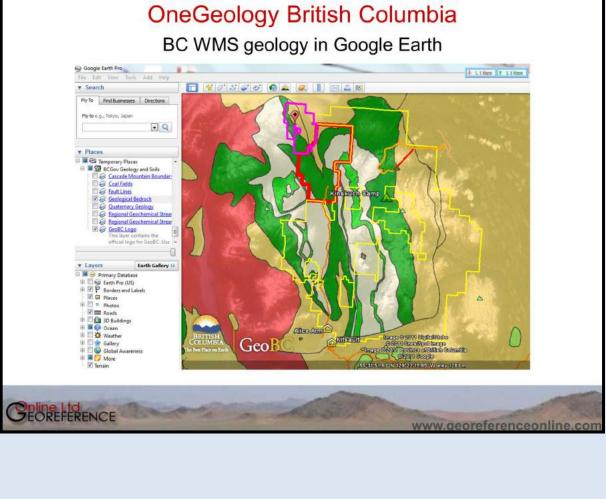
jurisdictions in the world to

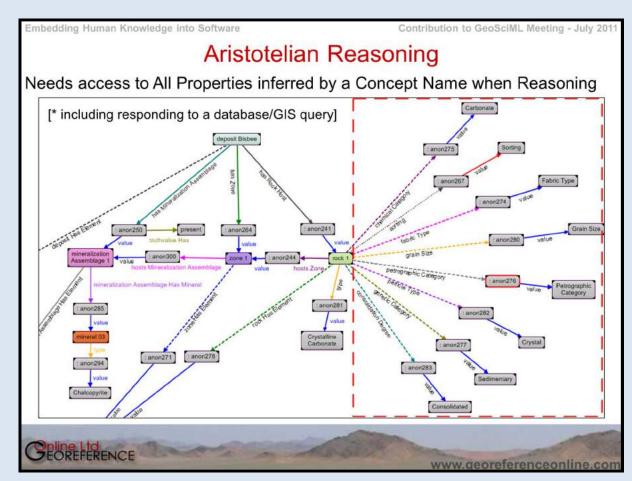
have published a comprehensive

list of proto-typical mineral deposit

models, which are very important

to effective minerals exploration.





The Aristotelian Approach to Taxonomy Specification

A Necessary Pre-requisite for Intelligent Systems

Genus: a superclass of C. The plural of genus is genera. **Differentia**: the properties that make members of the class C different

lote that "co-ordinate" here means neither is subordinate to the other

Each class need not have a single most-specific superclass.

Objects can be in many classes.

NTELLIGENCE

Explicit in Every

Categorizing objects, the basis for modern ontologies, has a long history. Aristotle (350 B.C.) suggested the definition of a class C in terms of:

genera are different and co-ordinate, their differentiae are themselves different in kind. Take as an instance

he genus "animal" and the genus "knowledge". "With feet", "two-footed", "winged", "aquatic", are differentiae of animal"; the species of knowledge are not distinguished by the same differentiae. One species of knowledge loes not differ from another in being "two-footed".

However, it is still straightforward to check whether one class is a subclass of another, to check the

In rare cases, this results in a tree structure, most famously in the Linnaean taxonomy of living

Trying to force a tree structure in other domains has been much less successful.

