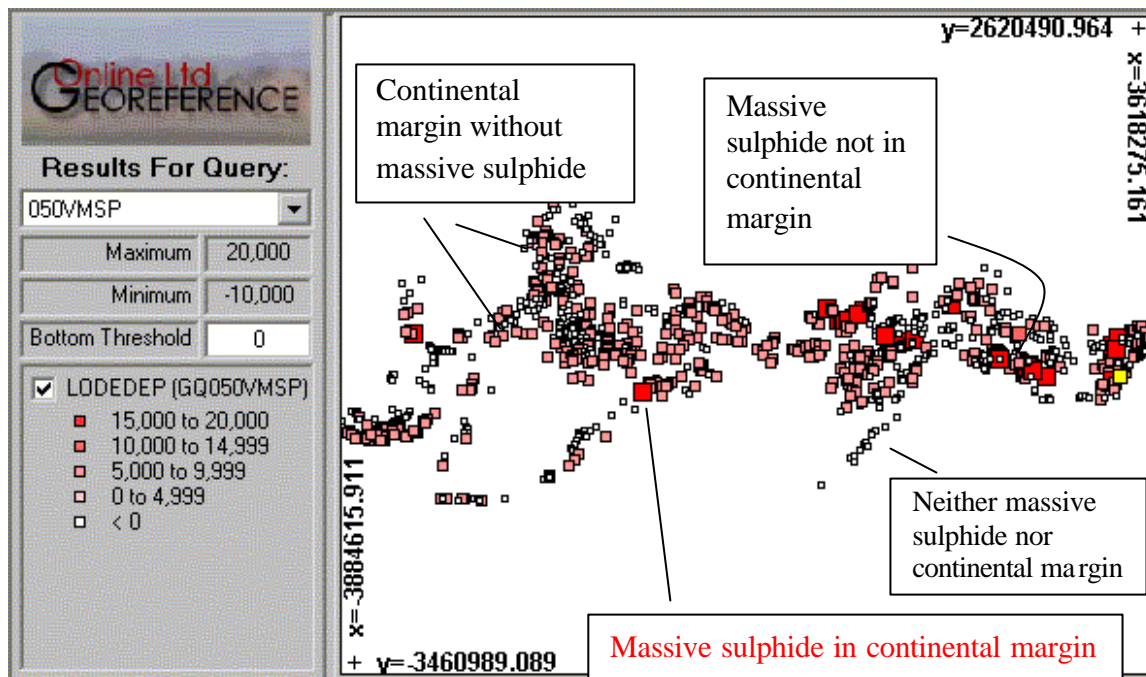


## Query Example: Show all massive sulphide deposits existing in a continental margin setting.



### LegendBuster Query:

050VMSP	query	QC=[-D] Massive sulphide deposits in belts classified as being in a continental margin setting.
DepositClassOrig - massive sulphide	always	
Metallogenic_Belt - <any value>	always	
TectonicEnvironment - continental margin	always	

As illustrated below, a number of the perfect matches to the query are recognized only by referring to classification hierarchies. Using LegendBuster's comparison facility, it is

possible to compare the query's features to those of any of the map's objects. Shown below is a comparison of the current query with a matching mineral deposit.

050VMSP: Attribute	050VMSP's Value	050VMSP's Query	Map's Attribute	Map's Value	Presence	Match Type
Commodity	mo		Commodity	mo	present	
Commodity	cu		Commodity	cu	present	
DepositClassOrig	massive sulphide	always	DepositClassOrig	massive sulphide kuroko	present	exactAKO
			DepositClassUSGS	Kuroko massive sulphide	present	
			DepositName	Red River	present	
			DepositType	Kuroko massive sulfide	present	
Metallogenic_Belt	<any value>	always	Metallogenic_Belt	tracy	present	exact
			BeltDepositTypes	Kuroko massive sulfide	present	
			Duration	late devonian	present	
TectonicEnvironment	continental margin	always	TectonicEnvironment	continental-margin arc	present	exactAKO

The comparison shows, in the "Match Type" column, that both matching attribute matches are "exactAKO" matches. This means that they have "a kind of (AKO)" relationships to the values they match in the query. Without the ability to refer to the classification hierarchies, which is not present in most GIS systems, the correct results to this query would not have been achievable.