

85. HSC Geo – Files

HSC Geo uses following files:

File	Location (HSC7)	Description
HscGeo.exe	(root)	Executable program
HscGeo.ini	...\Geo\ini\	Initialization file
DefSynonLib.txt	...\Geo\ini\	Default synonym library. Tab separated text file. Can be opened with e.g. Microsoft Excel
HSCGeo.mdb	..\Geo\System\	Mineral, sample and analysis database
MINFORMULA.xls	...\Geo\C-Groups\MINERAL\	MINERAL FORMULA calculation routine file
ANION.xls	...\Geo\C-Groups\ROCK\	ANION calculation routine file
ARRANGE.xls	...\Geo\C-Groups\ROCK\	ARRANGE calculation routine file
ATOMIC.xls	...\Geo\C-Groups\ROCK\	ATOMIC calculation routine file
CATION.xls	...\Geo\C-Groups\ROCK\	CATION calculation routine file
CIPW.xls	...\Geo\C-Groups\ROCK\	CIPW calculation routine file
CUMNAME.xls	...\Geo\C-Groups\ROCK\	CUMNAME calculation routine file
ELEMENT.xls	...\Geo\C-Groups\ROCK\	ELEMENT calculation routine file
OXIDE.xls	...\Geo\C-Groups\ROCK\	OXIDE calculation routine file
REE_N.xls	...\Geo\C-Groups\ROCK\	REE_N calculation routine file
SF.xls	...\Geo\C-Groups\ROCK\	SF calculation routine file
TRACE_N.xls	...\Geo\C-Groups\ROCK\	TRACE_N calculation routine file
TRC.xls	...\Geo\C-Groups\ROCK\	TRC calculation routine file
VF.xls	...\Geo\C-Groups\ROCK\	VF calculation routine file
VSF.xls	...\Geo\C-Groups\ROCK\	VSF calculation routine file
Bruvann.xls	..\Geo\Data\	Example of input file, chemical analyses

HscGeo.ini

HscGeo.ini is initialization file of the HscGeo.exe. It is ordinarily text file and can be opened and edited with e.g. Notepad. In the following description is given in *italic*. In the true ini file.

[Databases]
HscGeo=*Full path and name of the HscGeo database, e.g.*
S:\YHT\HscGeo\Databases\HscGeo.mdb
Minerals=*Full path and the name of the mineral database, e.g.*
S:\YHT\HscGeo\Databases\HscGeo.mdb

[C-Groups]
Folder=*Full path of the folder where C-Groups -folders are existing, e.g.*
S:\YHT\HscGeo\Geo\C-Groups
Default=*Default C-Group, e.g. ROCK*

DefSynonLib.txt

DefSynonLib.txt is the default synonym library which is to tell to the program what certain non-standard fields in the input files mean. DefSynonLib.txt contains 11 columns. The first column (Value) gives the value to be searched and the second column (In) where it is searched for. The following columns give the substituting strings in Header, Element, Method, Unit, Table, Field, Type, Digits and Multiplier rows.

Below is an example of items. The second line, for example, defines that if AG(PPM) is found on the ELEMENT row then on element row Ag is placed, TOT on the Method row and ppm on the Unit row.

DefSynon.txt is tab separated text file which can be opened for editing for example with Microsoft Excel.

Value	In	Header	Element	Method	Unit	Table	Field	Type	Digits	Multiplier
µg/g	UNIT				ppm					
AG(PPM)	ELEMENT		Ag	TOT	ppm					
AL(PPM)	ELEMENT		Al	TOT	ppm					
AL2O3(WT%)	ELEMENT		Al2O3	TOT	%					
ALTERATION	ELEMENT					Header	ALTERATION	TEXT (250)		
AR40_K40	ELEMENT					OhterAssays	AR40_K40	SINGLE		
Area	ELEMENT					Header	Area	TEXT (50)		
AS(PPM)	ELEMENT		As	TOT	ppm					
AU(PPM)	ELEMENT		Au	TOT	ppm					