

Appendix E

This folder contains a program called GSSTK, which can be used to retrieve and display MRDS mineral deposit and occurrence data for Puerto Rico. Included with the program are 'HELP' files to be used when executing the program and data files that contain the complete MRDS records for Puerto Rico.

The program provided will execute in a Windows environment only. It will not run in a Macintosh or DOS environment.

Kim P. Buttleman of the U.S. Geological Survey developed the Windows version of this retrieval software. Any comments or questions should be directed to kbuttleman@usgs.gov.

Installation of GSSTK

In order to execute GSSTK, the program must be installed onto your computer's hard drive. The mineral occurrence data remains on the Puerto Rico CD-ROM, which must be in the computer CD-ROM reader in order for the program to access the data properly and to make retrievals.

Go to Appendix E folder

Double Click 'PR_setup.exe'

Click 'OK' for license agreement

Destination Directory appears of 'C:\GSSTK' where files will be installed. The drive and folder names can be changed at this point if so desired. An 'UNINSTALL' program is also provided to the user for use at a later time, if desired.

Click 'OK' to install program

GSSTK program can be executed by a double click on 'Puerto Rico Appendix E' or double click on 'Puerto Rico' icon installed on desktop or follow the path: Start/Programs/GSSearchTK/Puerto Rico Appendix E

GSSTK Tutorial

There are many commands available to the user to access the mineral occurrence database, to manipulate the data, and to output the data in other formats. Complete explanations for these commands can be found under the 'Help' menu for 'Software'. Explanations for fields in the mineral database can be found under 'Help/ Database'

The purpose of this Tutorial is to provide the steps necessary to make a simple retrieval, look at the data, and to produce output.

Since there is only one database, the three steps involved in making a retrieval are; ADD, SEARCH, and BROWSE.

Click 'ADD' to list the indexed fields of the records which can be used to search. The 'BUILD SEARCH QUERY' window appears (it may be behind another window). Highlight COMMOD and a listing of commodities and the number of occurrences appears. Select 'Al' with 2 occurrences. Click the 'ADD' button, and then the 'DONE' button. COMMOD and AL now appear in the first retrieval window. Other commodities or fields to be searched can be added at this time.

Click 'SEARCH' and the database is searched for these records. In the upper right corner, HITS of '2' now appears.

Click 'BROWSE' and a browse window appears displaying selected records. Double click on either of these records, and the entire record appears with the selection criteria shown in red.

Click 'OUTPUT' and these records can be printed to a file in several different formats. It is also possible to only output selected records and selected fields of records by selecting appropriate options.