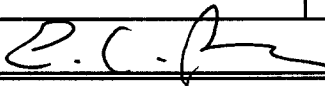


SOFTWARE RELEASE NOTICE

01. SRN Number: GHGC-SRN-178		
02. Project Title: Radionuclide Transport KTI		Project No.: 20-1402-871
03. SRN Title: Geochemist's Workbench V.3.0		
04. Originator/Requestor: R. Pabalan		Date: 11/11/98
05. Summary of Actions <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Release of new software <input type="checkbox"/> Release of modified software: <ul style="list-style-type: none"> <input type="checkbox"/> Enhancements made <input type="checkbox"/> Corrections made <input type="checkbox"/> Change of access software <input type="checkbox"/> Software Retirement 		
06. Persons Authorized Access		
Name	Read Only/Read-Write	A/C/D
R. Pabalan	RO	Add
E. Percy	RO	Add
D. Turner	RO	Add
07. Element Manager Approval: 		Date: 11/11/98
08. Remarks: Software requires either a software or hardware key in order to run. Currently resides in "Excalibur". (R. Pabalan computer)		


SOFTWARE SUMMARY FORM

01. Summary Date: 11/11/98	02. Summary prepared by (Name and phone): Roberto Pabalan (210) 522-5304	03. Summary Action: NEW	
04. Software Date: 1998	05. Short Title: GWB V.3.0		
06. Software Title: Geochemist's Workbench Version 3.0		07. Internal Software ID: None	
08. Software Type: <input type="checkbox"/> Automated Data System <input checked="" type="checkbox"/> Computer Program <input type="checkbox"/> Subroutine/Module	09. Processing Mode: <input checked="" type="checkbox"/> Interactive <input type="checkbox"/> Batch <input type="checkbox"/> Combination	10. Application Area: a. General: <input checked="" type="checkbox"/> Scientific/Engineering <input checked="" type="checkbox"/> Auxiliary Analyses <input type="checkbox"/> Total System PA <input type="checkbox"/> Subsystem PA <input type="checkbox"/> Other b. Specific: Geochemical modeling	
11. Submitting Organization and Address: CNWRA/SwRI 6220 Culebra Road San Antonio, TX 78228		12. Technical Contact(s) and Phone: Roberto Pabalan (210) 522-5304	
13. Software Application: Geochemical modeling			
14. Computer Platform: Pentium PC	15. Computer Operating System: NT 4.0	16. Programming Language(s): N/A	17. Number of Source Program Statements: N/A
18. Computer Memory Requirements: 16 Mb	19. Tape Drives: None	20. Disk Units: 20Mb	21. Graphics: N/A
22. Other Operational Requirements: None			
23. Software Availability: <input checked="" type="checkbox"/> Available <input type="checkbox"/> Limited <input type="checkbox"/> In-House ONLY		24. Documentation Availability: <input checked="" type="checkbox"/> Available <input type="checkbox"/> Preliminary <input type="checkbox"/> In-House ONLY	
25. Software Developer: _____ Date: _____			

NOTE: CNWRA/SwRI staff did not develop this code. Given to Roberto 11/11/98

CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

MEMORANDUM

DATE: November 10, 1998
TO: Bruce Mabrito
FROM: Roberto Pabalan 
SUBJECT: Installation test of Geochemist's Workbench software

Attached is a copy of scientific notebook #278 that documents the successful installation and testing of the software Geochemist's Workbench, which was developed by Craig Bethke at the University of Illinois at Urbana-Champaign. The software was installed on a Windows NT platform, but a version for UNIX machines is also available. The software is distributed as an executable only.

The test runs were compared with the examples presented in the user's guide manual.

A copy of the software is provided in three diskettes as an attachment.