

CNWRA INFORMATION PROCESSING STANDARD SOFTWARE SUMMARY

01. Summary Date			02. Summary prepared by (Name and phone)			03. Summary action						
Yr.	Mo.	Day	Mikko Ahola			New	Replacement	Deletion				
9	2	02	03. Software title			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
04. Software Date			PORFLOW (Version 1.11) -3D									
Yr.	Mo.	Day	Finite Difference Code									
9	2	02	07. Internal Software ID									
06. Short title			PORFLOW 1.11									
08. Software type			09. Processing Mode			10. APPLICATION AREA						
<input type="checkbox"/> Automated Data System <input type="checkbox"/> Computer Program <input type="checkbox"/> Subroutine/Module			<input type="checkbox"/> Interactive <input type="checkbox"/> Batch <input type="checkbox"/> Combination			<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">General</td> <td style="width: 50%; border: none;">Specific</td> </tr> <tr> <td style="border: none;"> <input type="checkbox"/> Computer Systems Support/Utility <input checked="" type="checkbox"/> Scientific/Engineering <input type="checkbox"/> Bibliographic/Textual </td> <td style="border: none;"> <input type="checkbox"/> Management/Business <input type="checkbox"/> Process Control <input type="checkbox"/> Other </td> </tr> </table>			General	Specific	<input type="checkbox"/> Computer Systems Support/Utility <input checked="" type="checkbox"/> Scientific/Engineering <input type="checkbox"/> Bibliographic/Textual	<input type="checkbox"/> Management/Business <input type="checkbox"/> Process Control <input type="checkbox"/> Other
General	Specific											
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11. Submitting organization and address					12. Technical contact(s) and phone							
CNWRA/SWRI 6220 Culebra Road San Antonio, TX 78228					Mikko Ahola 512-522-5799 Budhi Sagar 512-522-5252							
13. Narrative												
PORFLOW - 3D finite difference code for solution of multiphase fluid flow, heat transfer, and mass transport problems in variably saturated porous or fractured media.												
14. Keywords												
Multiphase, finite-difference, fluid flow, heat, saturated.												
15. Computer manufacturer and model			16. Computer operating system			17. Programming language(s)		18. Number of source program statements				
CRAY/VRX			CRAY UNICOS			FORTRAN						
19. Computer memory requirements			20. Tape drives			21. Disk/Drum units		22. Terminals				
23. Other operational requirements												
24. Software availability				25. Documentation availability								
Available <input type="checkbox"/>		Limited <input type="checkbox"/>		In-house only <input checked="" type="checkbox"/>			Available <input checked="" type="checkbox"/>		Inadequate <input type="checkbox"/>			
X Active		Inactive					In-house only <input type="checkbox"/>					
26. FOR SUBMITTING ORGANIZATION USE												