

A PERSONAL COMPUTER VERSION OF PHAS20, FOR THE SIMULTANEOUS MULTIPLE
REGRESSION OF THERMOCHEMICAL DATA: PART B-DISKETTE

By James W. Ball, George A. Parks, John L. Haas, Jr., and D. Kirk Nordstrom

DESCRIPTION OF OPEN-FILE REPORT 88-489-B DISKETTE

This 5.25 inch, 360 K byte (double sided, double density) diskette was created on an IBM PC/AT running under IBM PC-DOS 3.1. The diskette contains two groups of files. Group 1 consists of all the files needed to execute PHAS20PC and PH20INPT. The two EXE files were compiled and linked using Microsoft FORTRAN, version 4.00, and require an 8087, 80287 or 80387 numeric coprocessor to run. Group 2 consists of the FORTRAN source code files. The following set of files is found in the root directory on the diskette:

READ.ME	This file (diskette description)
RUN.DOC	Running instructions
PHAS20.EXE	Executable code for PHAS20PC
TEST.DAT	Test data, found in Attachment A of Open-File Report 88-489-A
PH20.BAT	Batch command file to run PHAS20PC
P20PRINT.BAS	Advanced BASIC program to print PHAS20PC output files
PH20INPT.EXE	Executable code for data preparation program PH20INPT

The following 17 FORTRAN source files for PHAS20PC (found in attachment G of Open-File Report 88-489-A), and program PH20INPT, are found in directory \FORTRAN on the accompanying diskette:

PHAS20.FOR	YDERIV.FOR
ORGLSC.FOR	DDERIV.FOR
ADJUST.FOR	LDDRIV.FOR
TESTC.FOR	PUTOUT.FOR
MINVC.FOR	PRPLOT.FOR
EAFWC.FOR	UNIQUE.FOR
FNCALC.FOR	CVDATE.FOR
LDERIV.FOR	PH20INPT.FOR
VOLUME.FOR	