

```

IF(ABS(DIF).LT.ABS(XSIML-XSIM(J,N))) DIF=XSIML-XSIM(J,N)
5 CONTINUE
IF(ABS(DIF).GT.1.E-6) GO TO 6
4 CONTINUE
WRITE(6,201)
OUTPUT THE LAST COMPUTED CONCENTRATIONS
6 DO 7 J=1,NDZ1
Z=0Z+(J-1)
XST(J)=XSIM(J,N)*EXP((V(IV)*Z*2.-V(IV)+V(IV)+T)/4.)
7 CONTINUE
WRITE(6,203) T,(XST(J),J=1,NDZ1)
ITT=L
LEN
N=ITT
8 CONTINUE
11 CONTINUE
10 CONTINUE
GO TO 9
100 FORMAT(20A4)
101 FORMAT(F10.0,3T10,F10.0)
102 FORMAT(8F10.0)
103 FORMAT(3F10.0,3T10)
200 FORMAT('1',20A4//)
201 FORMAT(' ITERATION FAILED TO CONVERGE IN 100 TRIALS')
202 FORMAT(' 4HTIME,30(1X,12,1X)//F5.3,(30F4.2)')
203 FORMAT(F5.3,(30F4.2))
204 FORMAT(' RUN INFORMATION :'/1H,15(1H-)//
1  * NUMBER OF VELOCITY FACTORS ',27(1H,).2H :',T5/
2  * NUMBER OF RATIOS OF UPPER TO LOWER DIFFUSION CONSTANTS :
3  * I5//
4  * GENERAL INFORMATION :'/1H,19(1H-)//
5  17H VELOCITY FACTOR ',36('.,').2H :',F10.3/
-----
1  17H TIME INCREMENT ',36('.,').2H :',F10.3/
2  27H NUMBER OF TIME INCREMENTS ',26('.,').2H :',I10/
3  31H NUMBER OF VERTICAL INCREMENTS ',22('.,').2H :',I10/
4  55H VERTICAL INCREMENT NUMBER WHERE DISCONTINUITY OCCURS :
5  I10/
6  44H RATIO OF UPPER TO LOWER DIFFUSION CONSTANT ',9('.,').2H
7  F10.3//
*  * BOUNDARY CONDITIONS :'/1H,19(1H-)//
*  * INITIAL VALUE OF CONCENTRATION ',41(1H,).2H :',F10.3/
*  * BASE VALUE OF CONCENTRATION ',44(1H,).2H :',F10.3/
*  * TOP VALUE OF CONCENTRATION ',45(1H,).2H :',F10.3/
*  * TIME INCREMENT NUMBER WHERE THE TOP VALUE OF CONCENTRATI
*N BECOMES ZERO :',I10//)
END

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	Dato	Tegner SH
Tegn. 019 - continued	Godkjent	
	Oppdr. nr. 50700	
Norges geotekniske institutt	Tegn. nr. 030	