;Title of the problem

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INFILTRATION IN HOMOGENEOUS COLUMN OF SAND

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; KODE: 1 mixed form FD (MFD); 2: h form FD (HFD); 3: h form FE (HFE);

; 4:teta form FD (TFD)

; 5:teta form FE (TFE)

; KBLOCK: code to choose the way for calculating interblock conductivity:

; 1: arithmetic mean; 2: harmonic mean; 3: geometric mean; 4: upstream

; KBOUN: code for boundary conditions 0: constan h o theta; 1: constant rate

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;NNODE NMAT NLAY KODE KREST KBOUN KBLOCK

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60 4 1 4 0 0 4

;------------------------------------------------------------------------------

; IM KS(IM) PA(IM) ALFA(IM) BETA(IM) GAMMA(IM) TETAS(IM) TETAR(IM)

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; Sand (type 1)

1 9.44E-3 1.175E+6 1.611E+6 4.74 3.96 0.287 0.075

; Yolo light clay (type 2)

10 1.23E-5 124.6 739. 1.77 4.0 0.495 0.124

; Berino (type 3)

20 6.26E-3 0.0 2.80E-2 2.239 0.553 0.3658 0.0286

; Glendale (type 3)

21 1.516E-4 0.0 1.04E-2 1.3954 0.283 0.4686 0.1060

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;----------------- Control data-------------------------------

;DTMIN DTPRINT TPRINT ITERMX NSTEPS TINIZ TFINAL EPS

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1.D-5 60. 60. 30 100000 0. 3600. 1.D-8

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;ZMIN DZ DT DTMAX DMUL DDIV NLIM

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0.5 2. 1.D-6 10.D0 1.1 0.5 10

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; Initial data

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; N HO

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1 -20.0

2 -100.

60 -100.

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; Material codes

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; N IMAT(N)

1 1

60 1

; Restart data

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; VWI CVWI CVWO

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; 0 0. 0.

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; RATE

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2.E-3