

! Material N values for Pontypool model
! materials chosen according to Helen Pickard
! Reduced from Q100 mannings

1, 100 ! buildings
2, 100 ! warehouse
3, 100 ! containers
4, 0.03 ! hard standing
5, 0.02 ! roads
6, 0.05 ! broken ground
8, 0.055 ! grassland
9, 0.11 ! heavy tree cover
10, 0.095 ! shrubland
12, 0.05 ! railway line
13, 0.015 ! water (not used in model- modelled in 1D)
14, 0.03 ! bridge (not used in model- modelled in 1D)
15, 100 !open tanks (not used in model - zpts are raised)