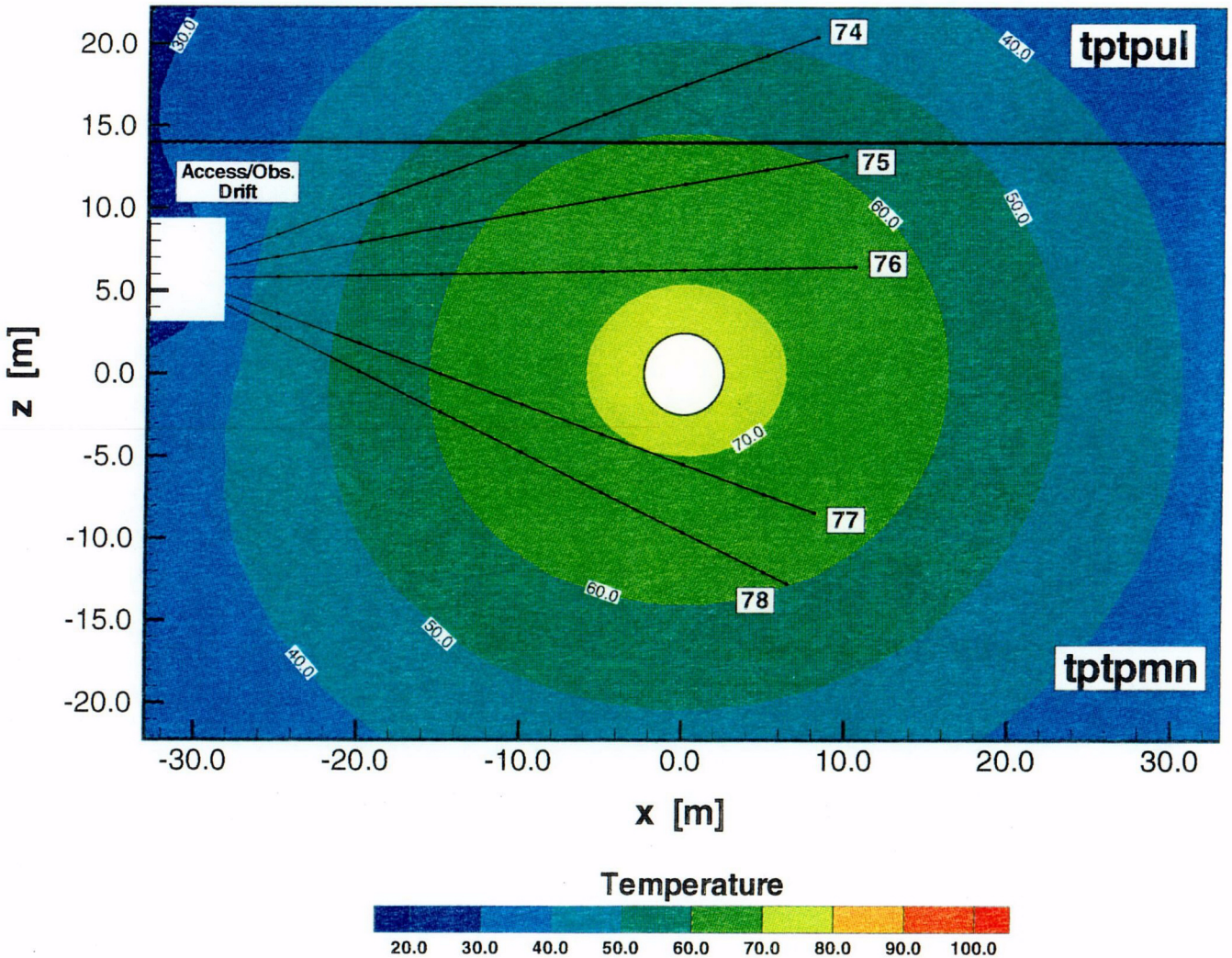


Figure 5.1-16 *Temperature response after 4 years of cooling in xz-cross section at y=30.18 m for 3.6 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%). Also presented is the location of hydrology holes 74 through 77.*

C-13

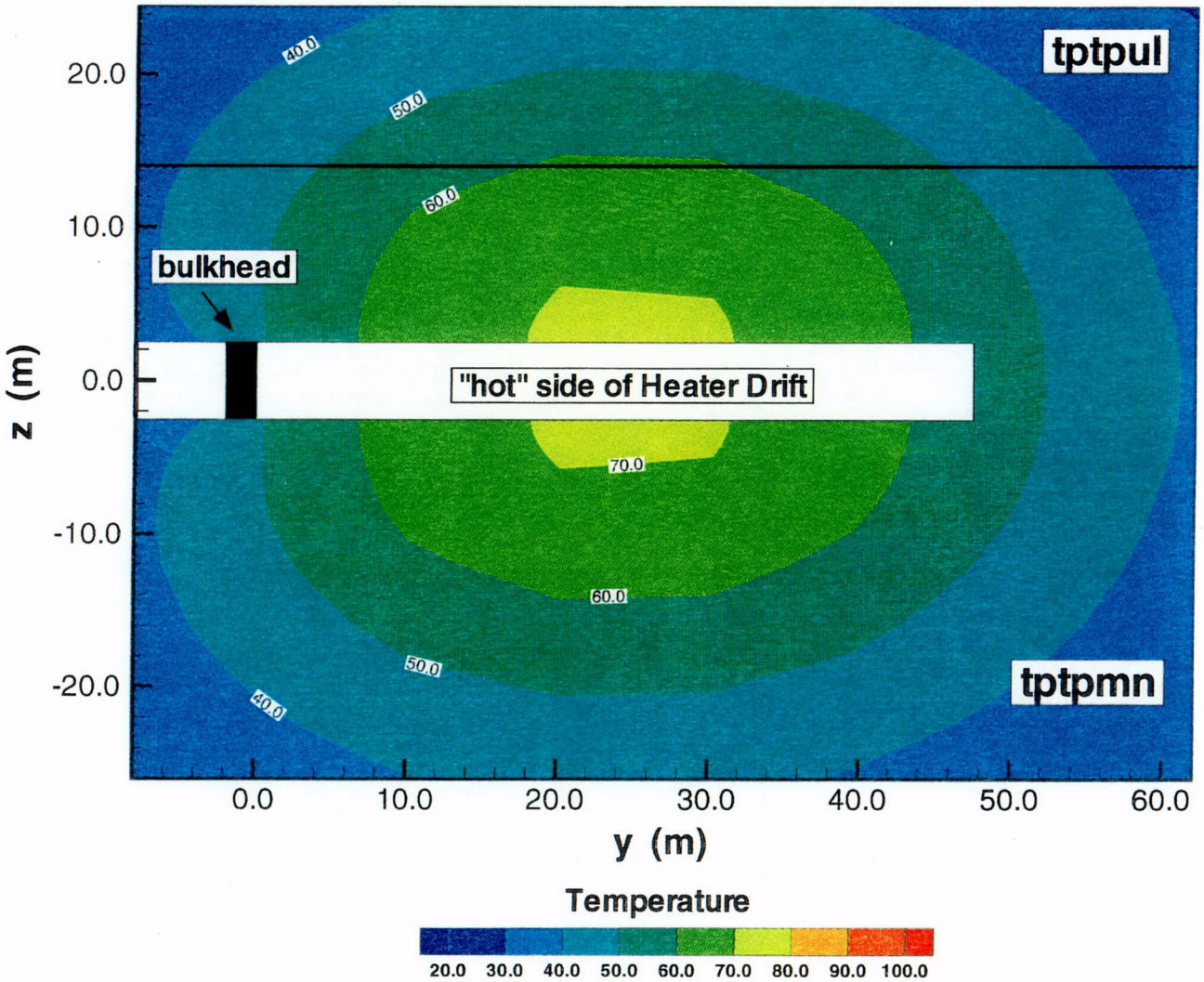


Figure 5.1-17 *Temperature response after 4 years of cooling in yz-cross section at x = 0.0 m for 3.6 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).*

C-14

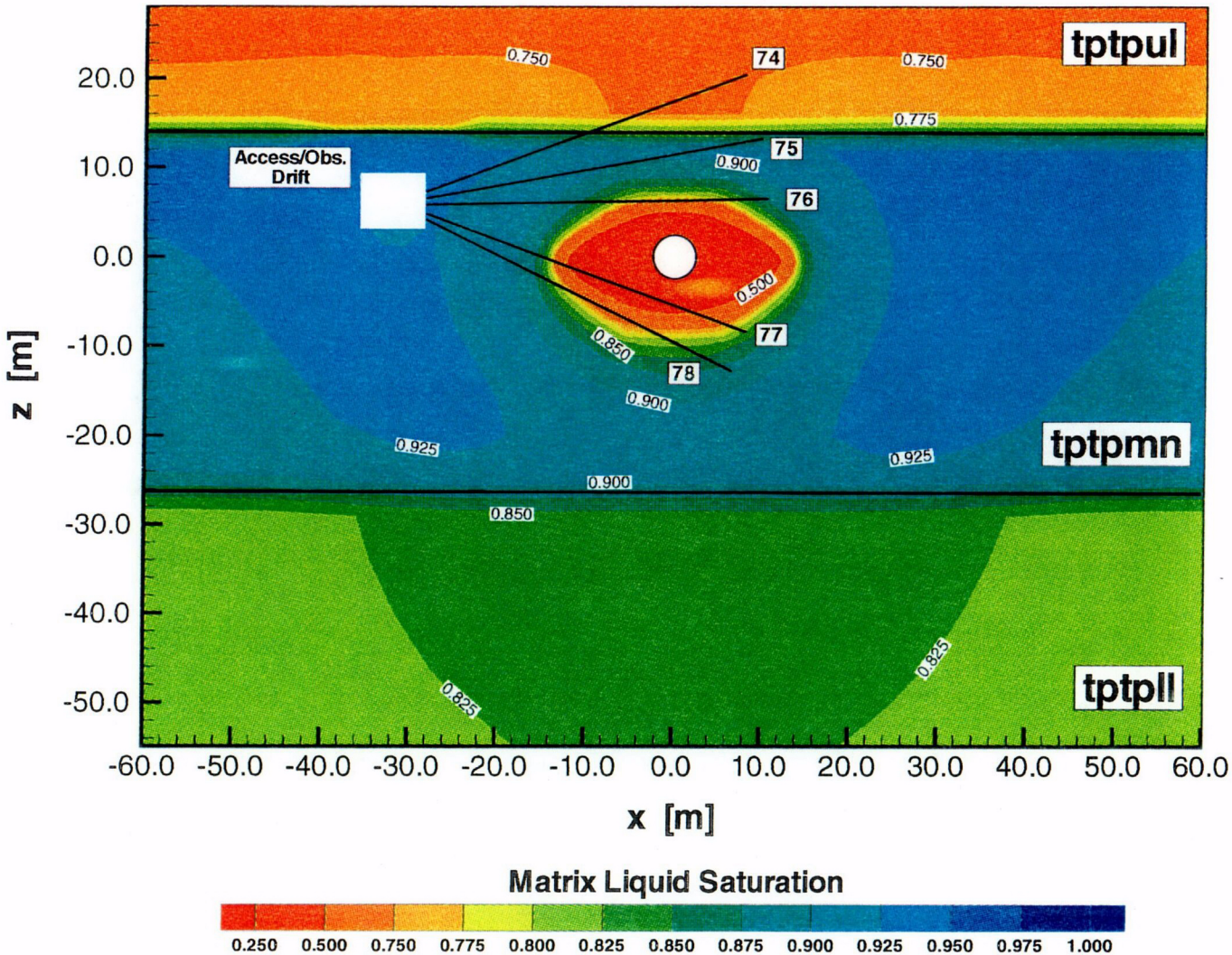


Figure 5.1-18 *Matrix liquid saturation after 4 years of cooling in xz-cross section at y=30.18 m for 3.6 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%). Also presented is the location of hydrology holes 74 through 77.*

C-15

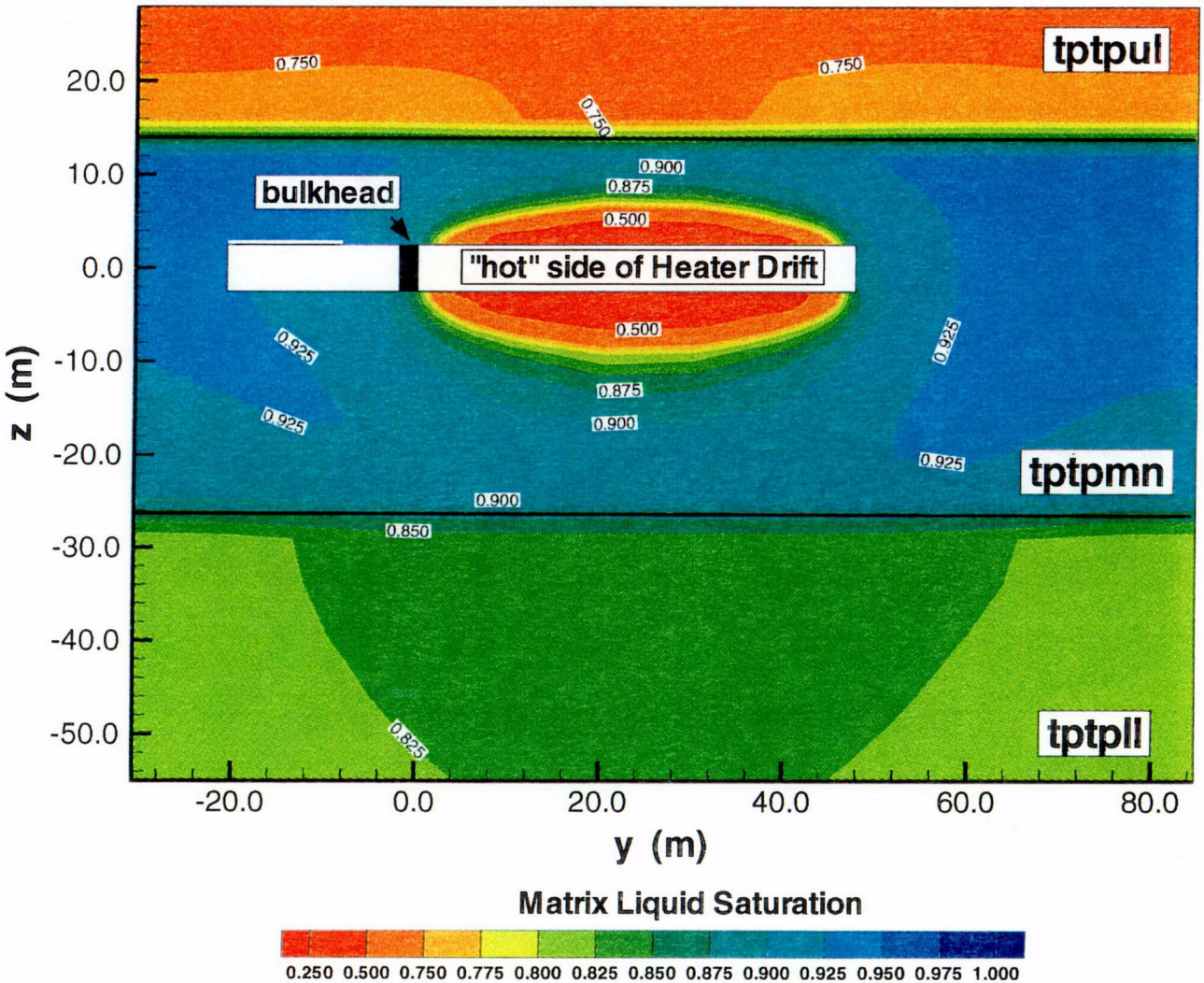


Figure 5.1-19 *Matrix liquid saturation after 4 years of cooling in yz-cross section at x = 0.0 m for 3.6 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).*

C-16

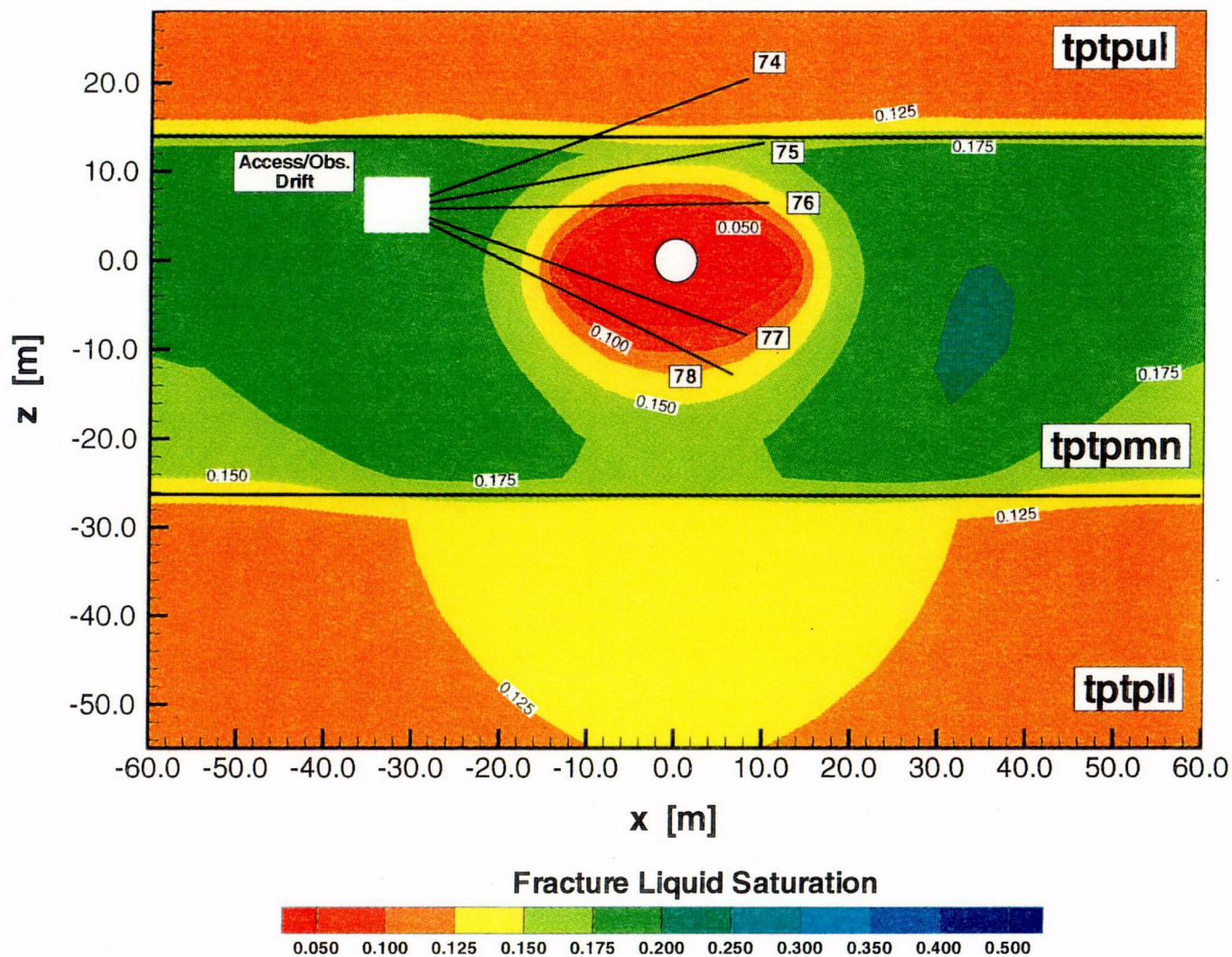


Figure 5.1-20 *Fracture liquid saturation after 4 years of cooling in xz-cross section at y=30.18 m for 3.6 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%). Also presented is the location of hydrology holes 74 through 77.*

C-17

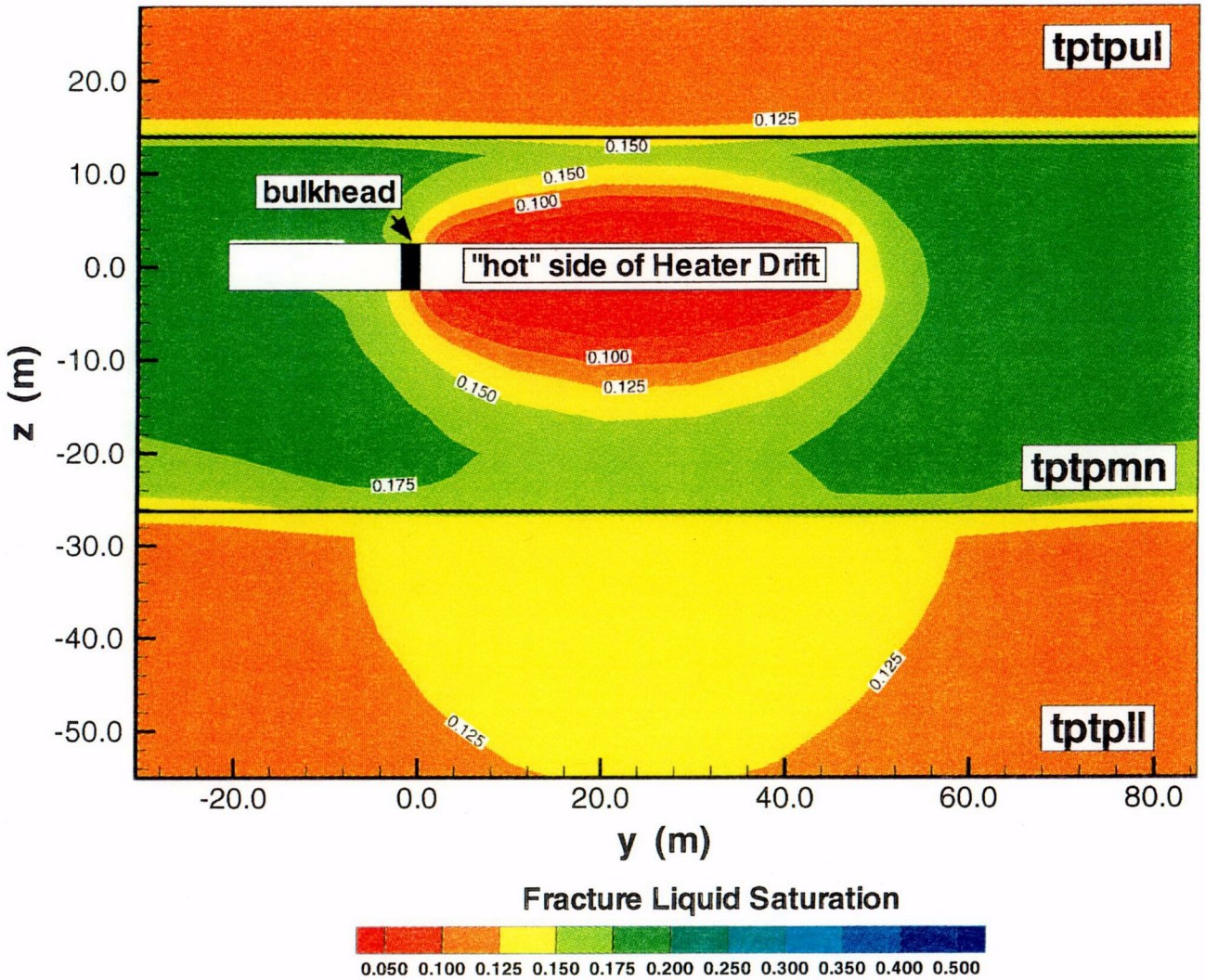


Figure 5.1-21 *Fracture liquid saturation after 4 years of cooling in yz-cross section at x = 0.0 m for 3.6 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).*

C-18

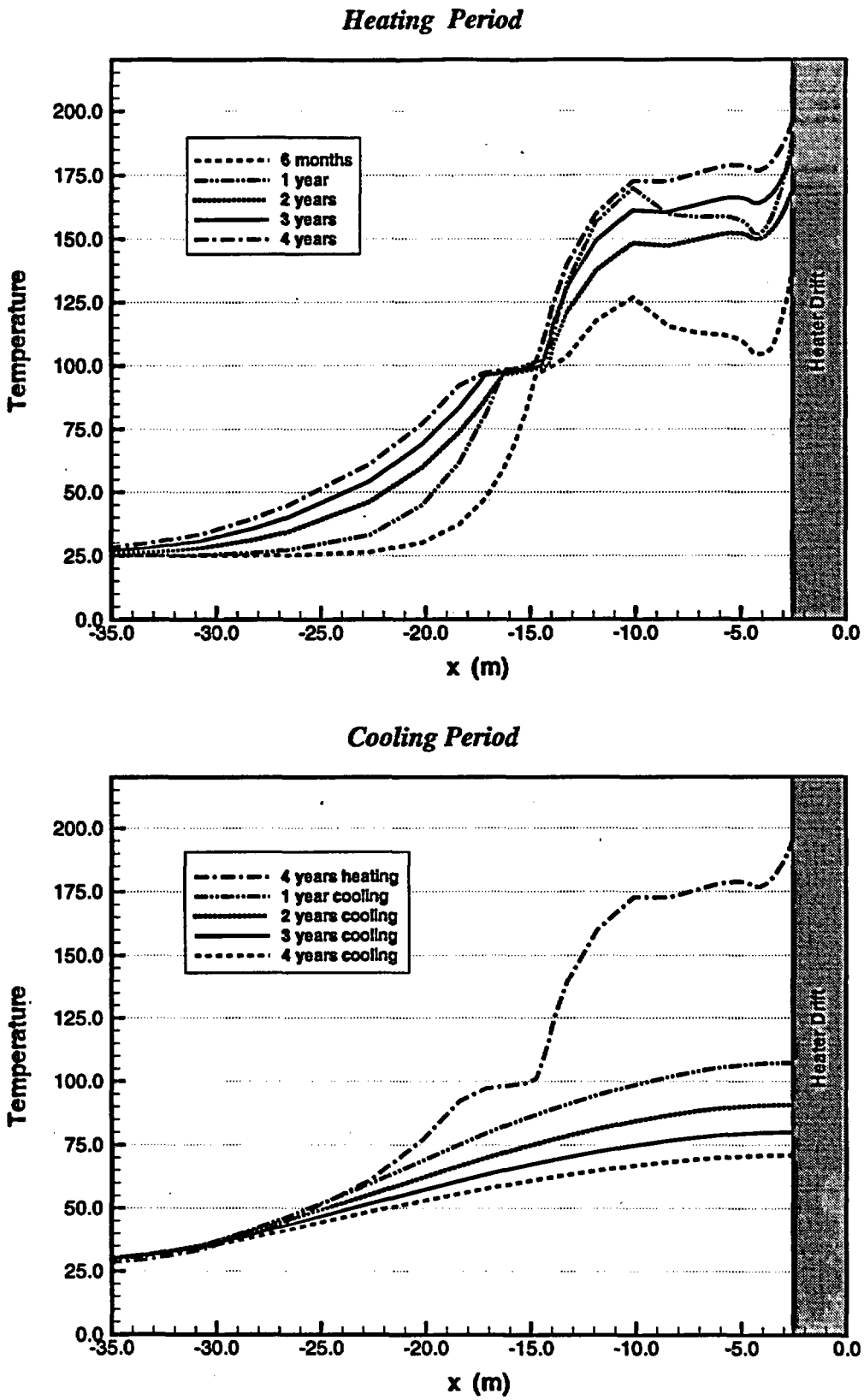
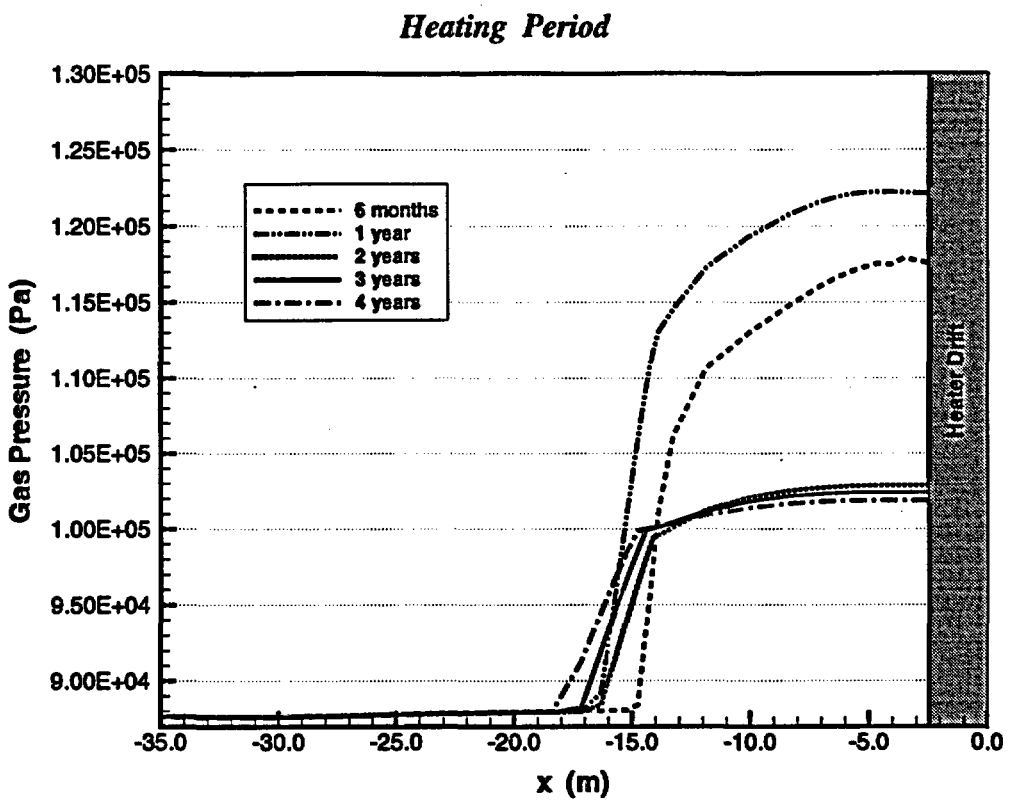


Figure 5.2-22 Temperature profiles along x-axis at y = 30.18 m and z = 0.0 m for 3.6 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).



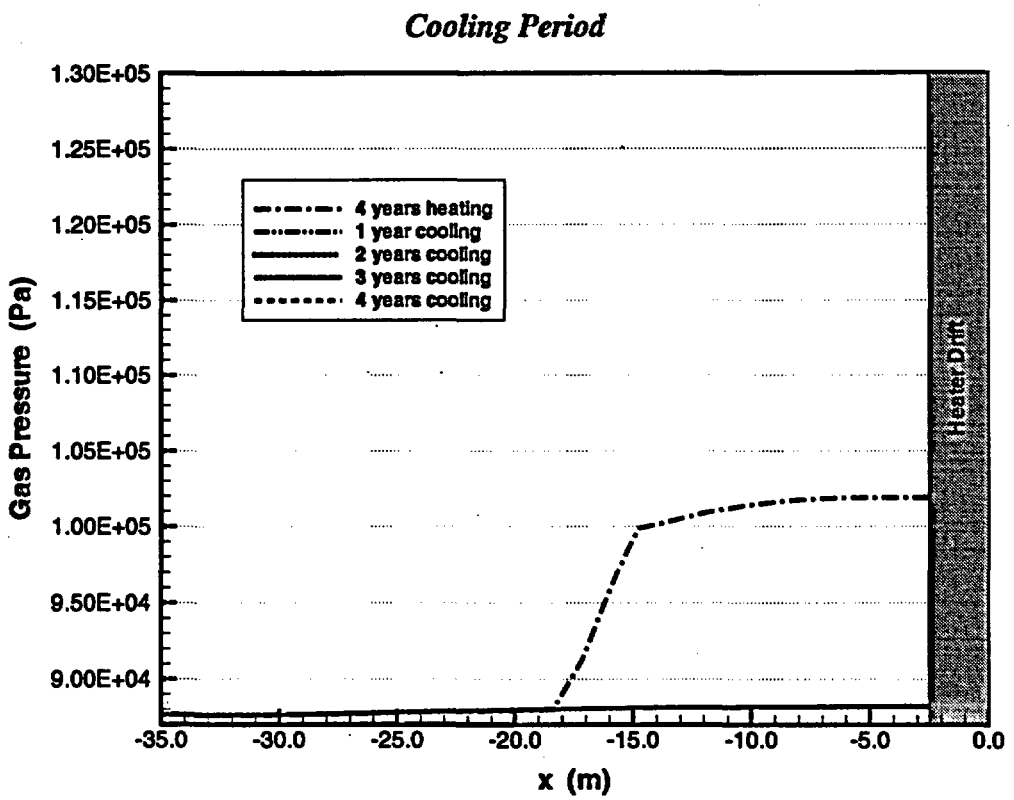
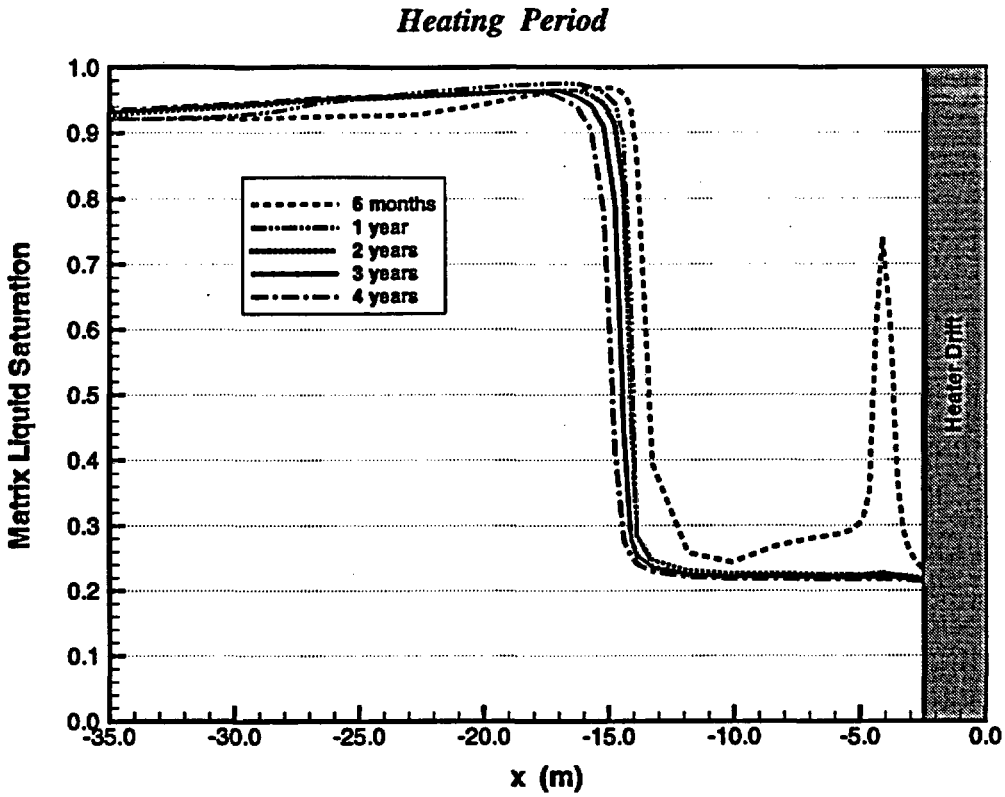


Figure 5.2-23 Gas pressure profiles along x-axis at y = 30.18 m and z = 0.0 m for 3.6 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).



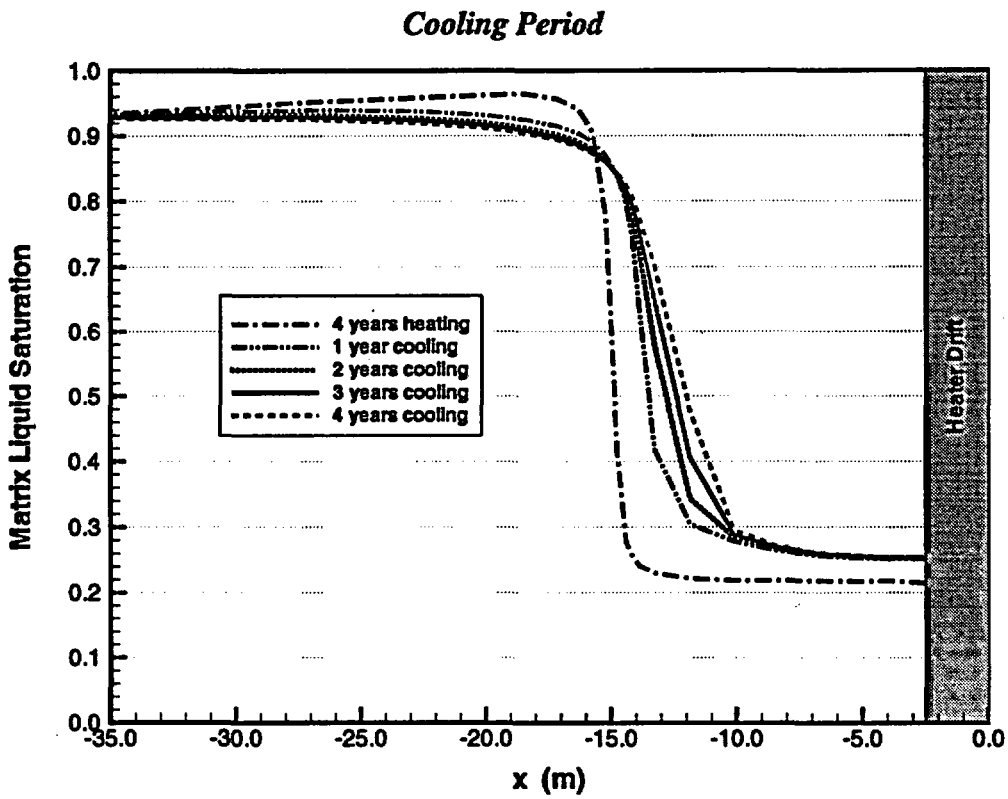


Figure 5.2-24 Matrix liquid saturation profiles along x-axis at y = 30.18 m and z = 0.0 m for 3.6 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).

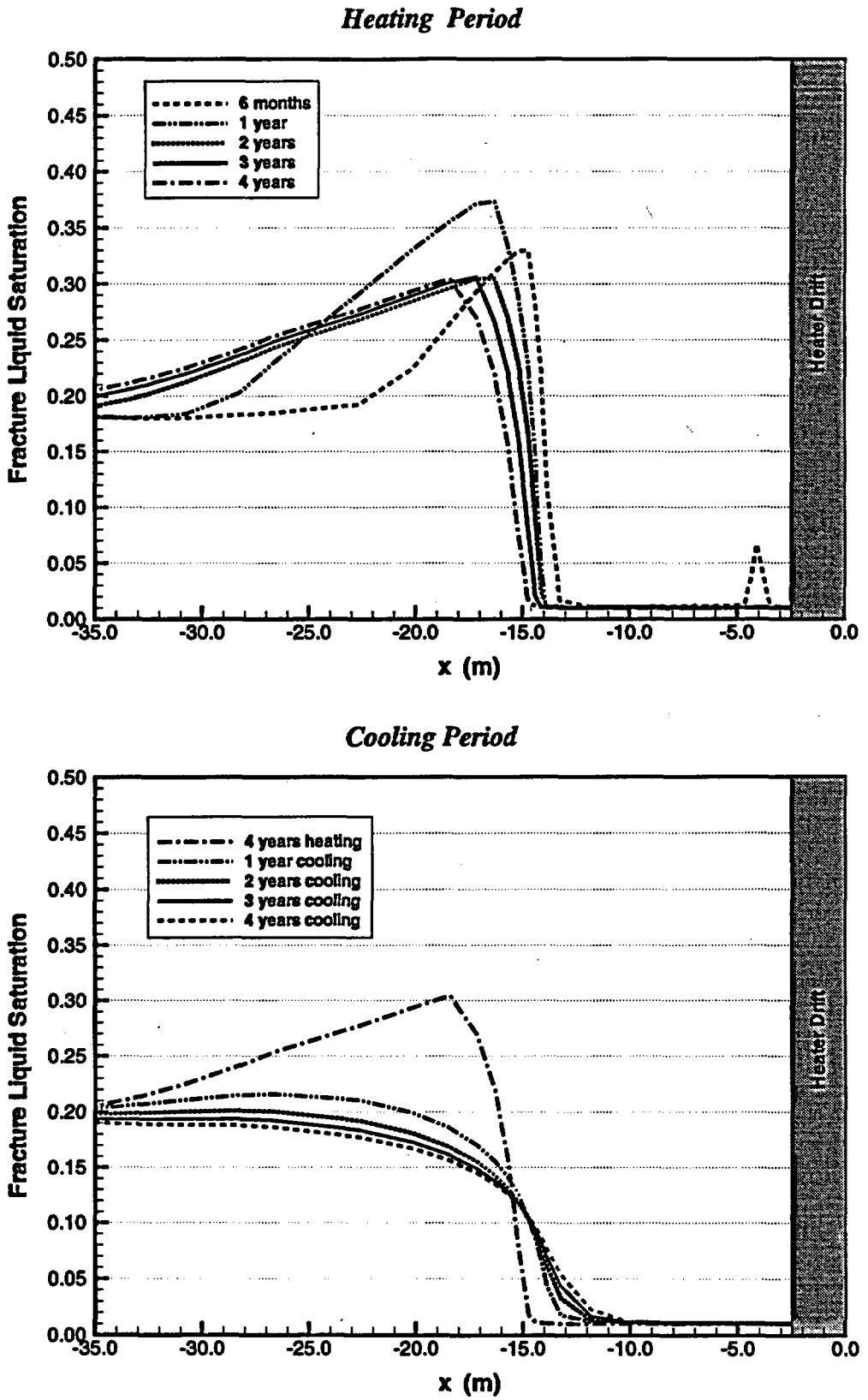


Figure 5.2-25 Fracture liquid saturation profiles along x-axis at y = 30.18 m and z = 0.0 m for 3.6 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).

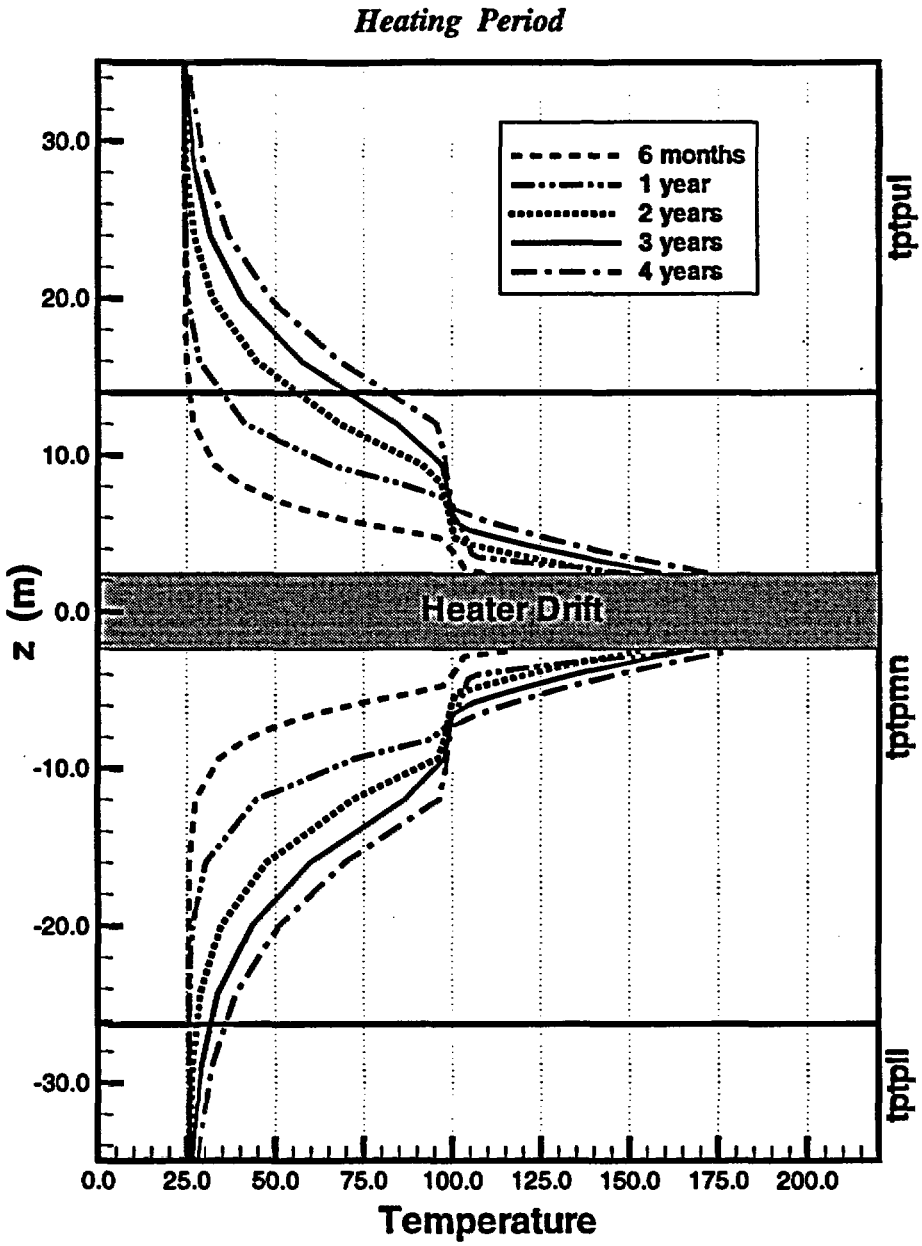


Figure 5.2-26 Temperature profiles along z-axis at x = 0.0 m and y = 30.18 m for 3.6 mm/yr infiltration case during heating (1 year heating at 100%, 3 years heating at 50%).

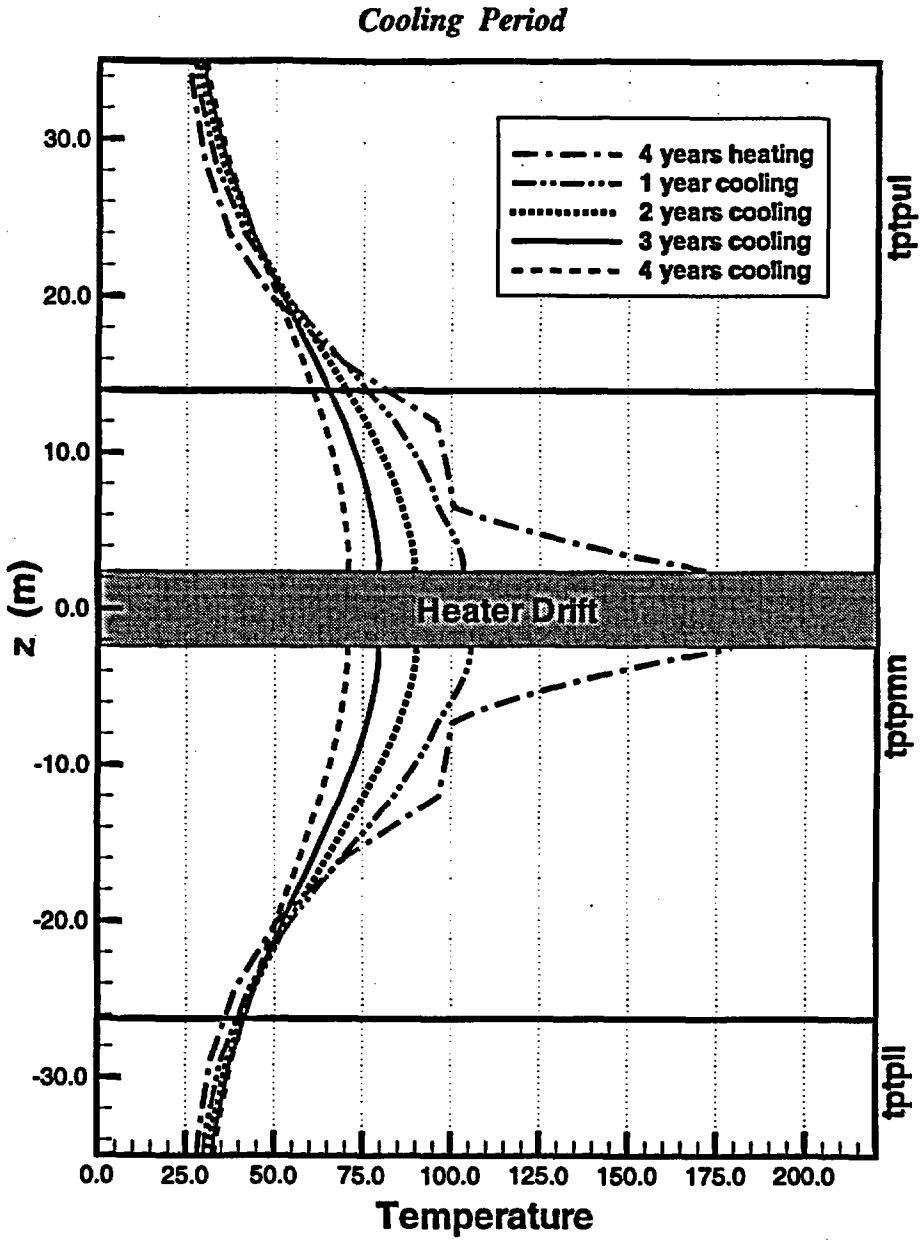


Figure 5.2-27 Temperature profiles along z-axis at x = 0.0 m and y = 30.18 m for 3.6 mm/yr infiltration case during cooling (1 year heating at 100%, 3 years heating at 50%).

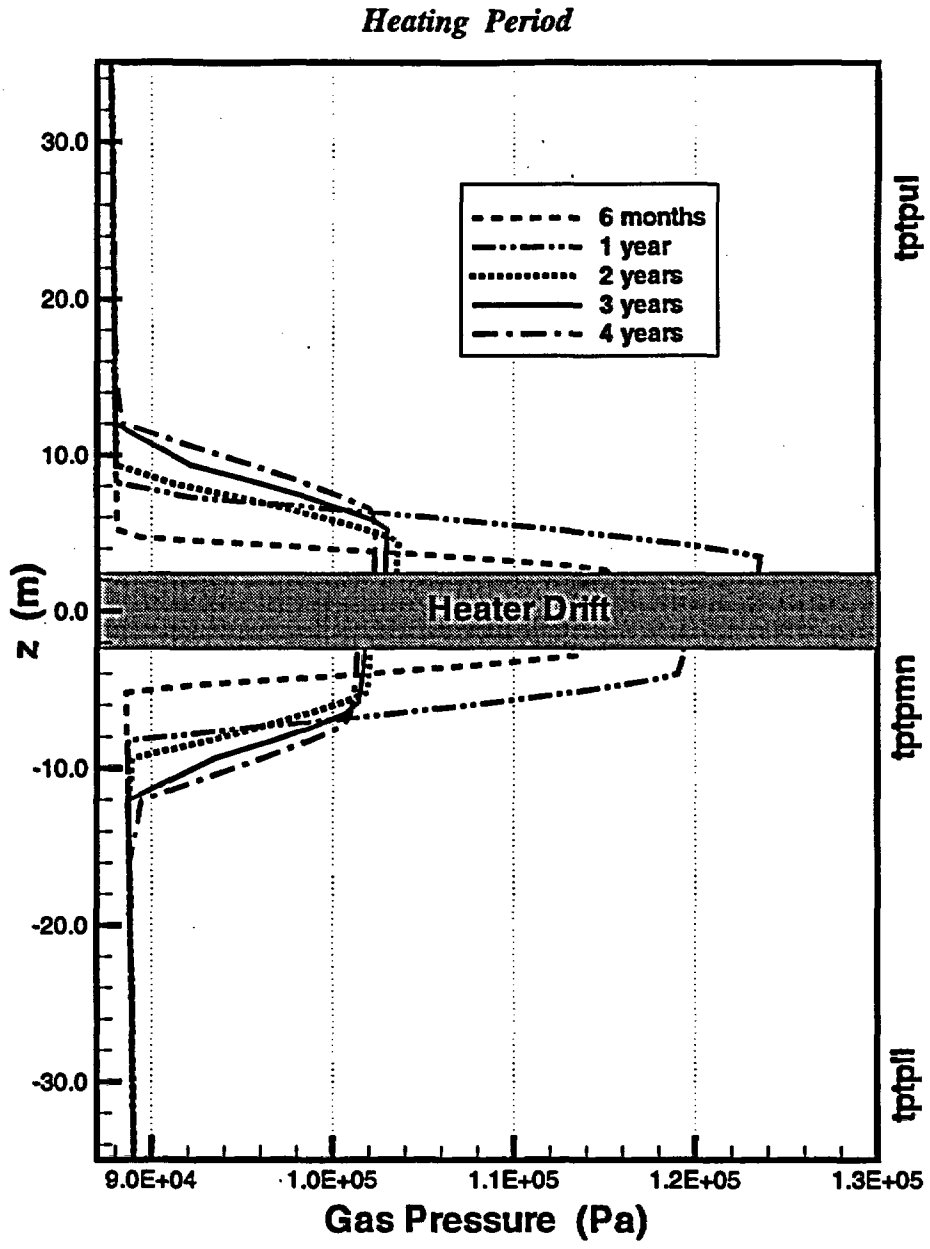


Figure 5.2-28 Gas pressure profiles along z-axis at x = 0.0 m and y = 30.18 m for 3.6 mm/yr infiltration case during heating (1 year heating at 100%, 3 years heating at 50%).

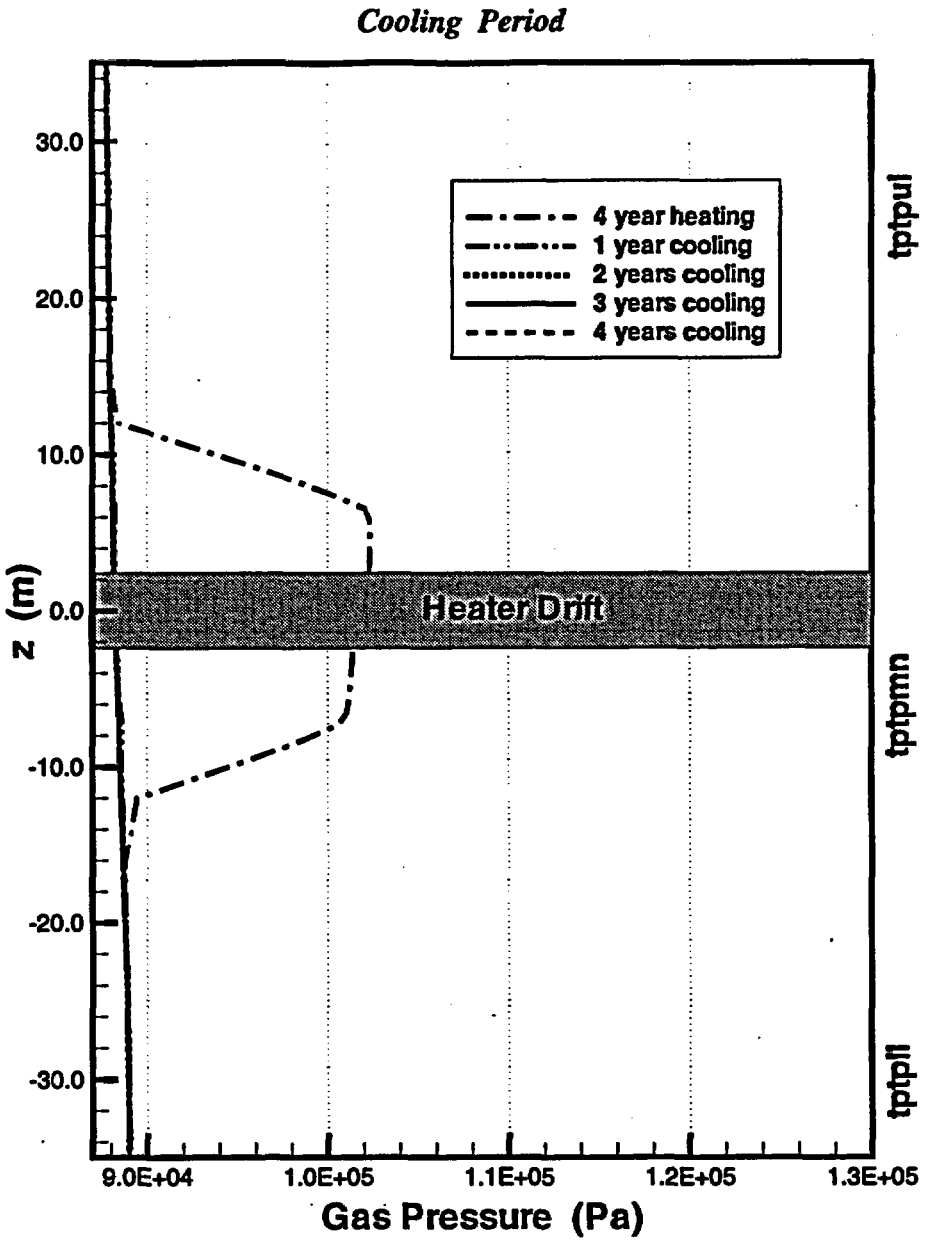


Figure 5.2-29 Gas pressure profiles along z-axis at x = 0.0 m and y = 30.18 m for 3.6 mm/yr infiltration case during cooling (1 year heating at 100%, 3 years heating at 50%).

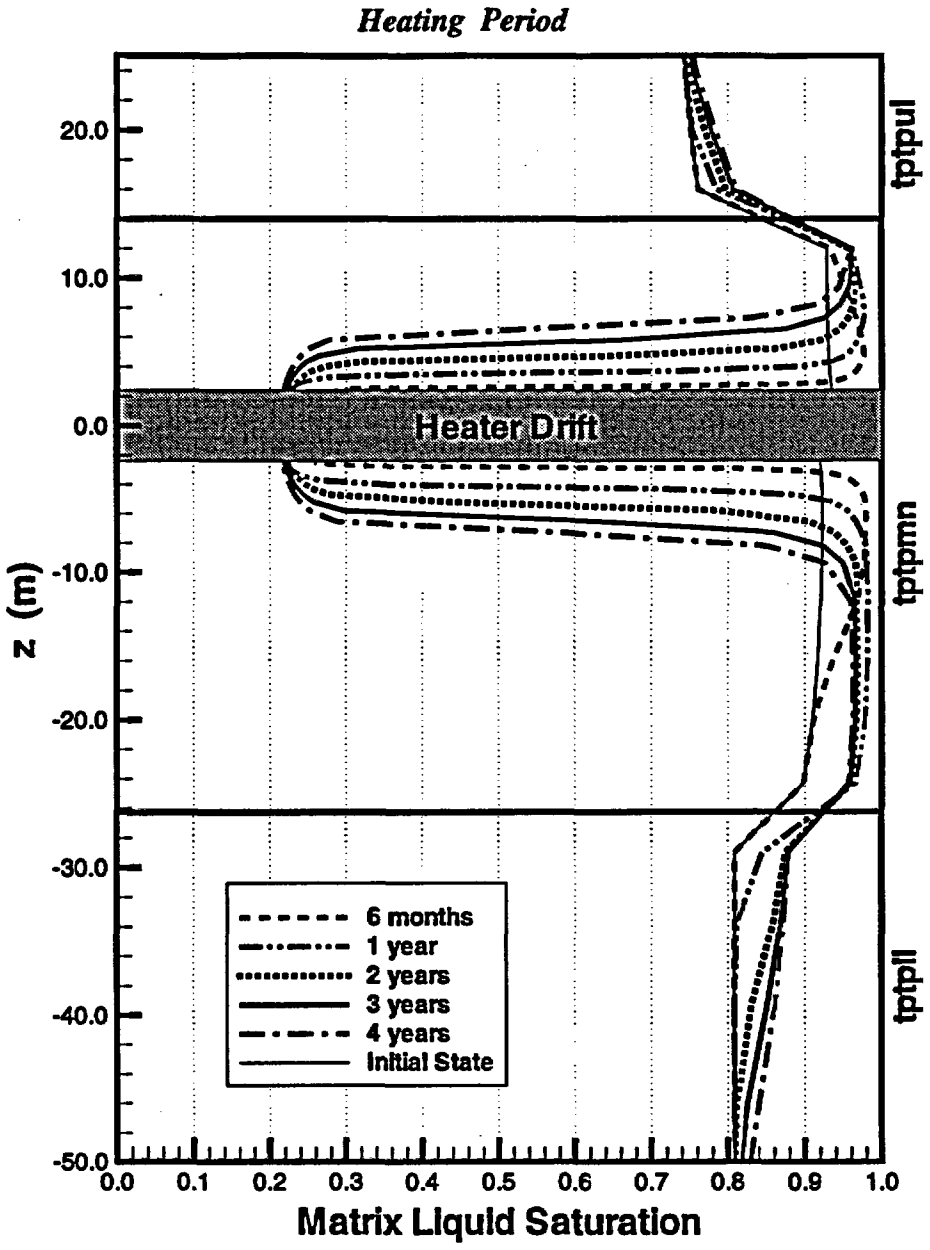


Figure 5.2-30 Matrix liquid saturation profiles along z-axis at x = 0.0 m and y = 30.18 m for 3.6 mm/yr infiltration case during heating (1 year heating at 100%, 3 years heating at 50%).

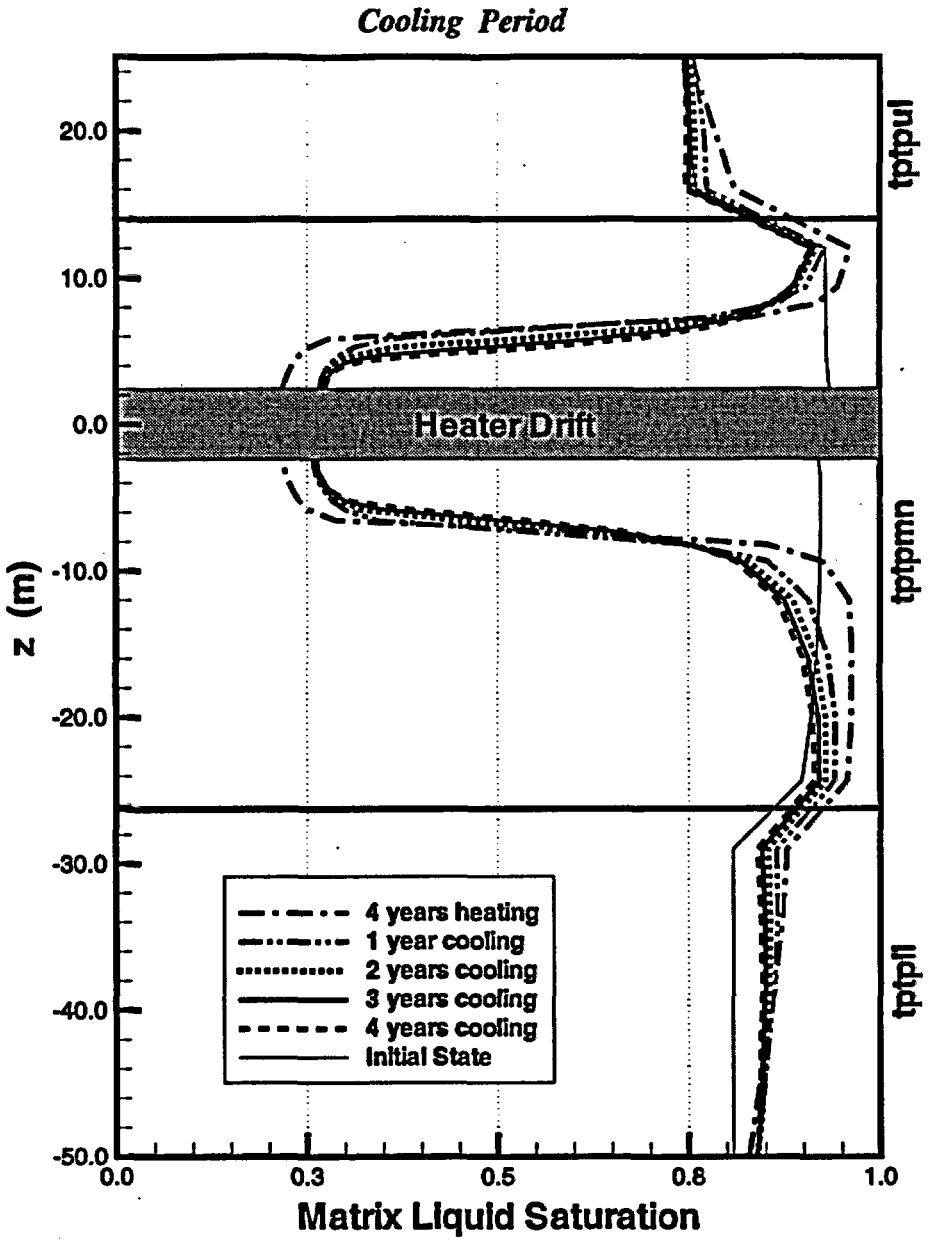


Figure 5.2-31 Matrix liquid saturation profiles along z-axis at x = 0.0 m and y = 30.18 m for 3.6 mm/yr infiltration case during cooling (1 year heating at 100%, 3 years heating at 50%).

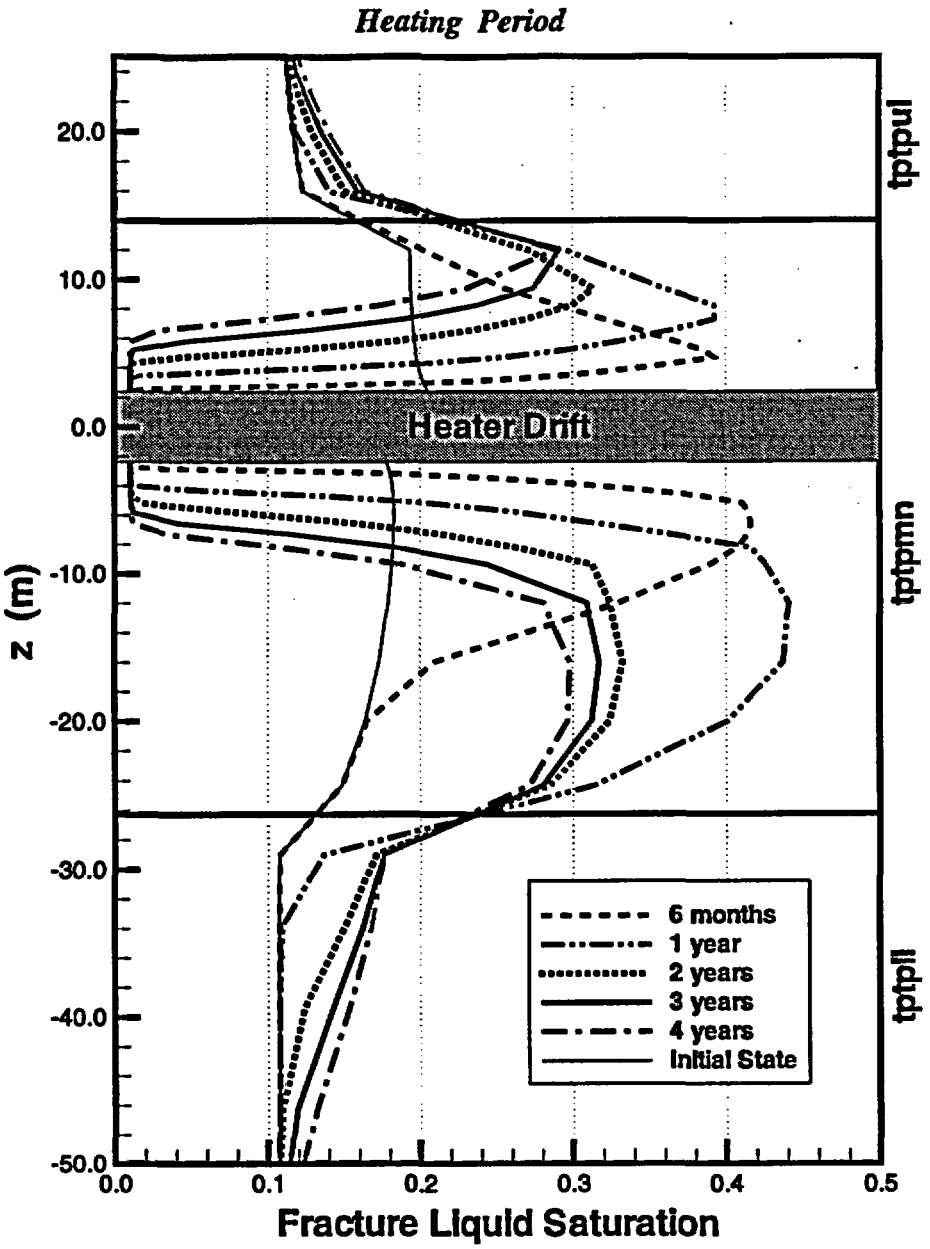


Figure 5.2-32 Fracture liquid saturation profiles along z-axis at x = 0.0 m and y = 30.18 m for 3.6 mm/yr infiltration case during heating (1 year heating at 100%, 3 years heating at 50%).

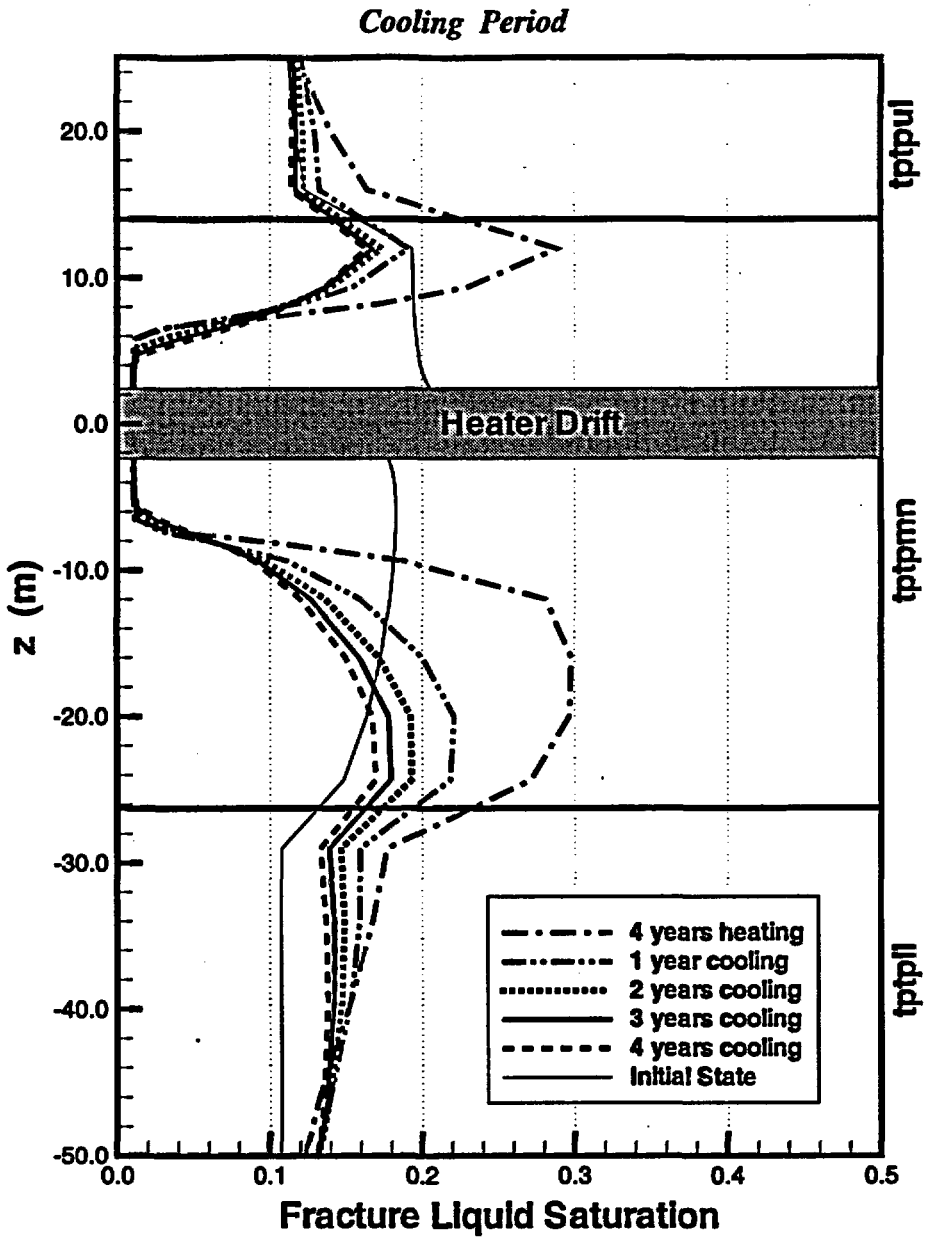


Figure 5.2-33 Fracture liquid saturation profiles along z-axis at x = 0.0 m and y = 30.18 m for 3.6 mm/yr infiltration case during cooling (1 year heating at 100%, 3 years heating at 50%).

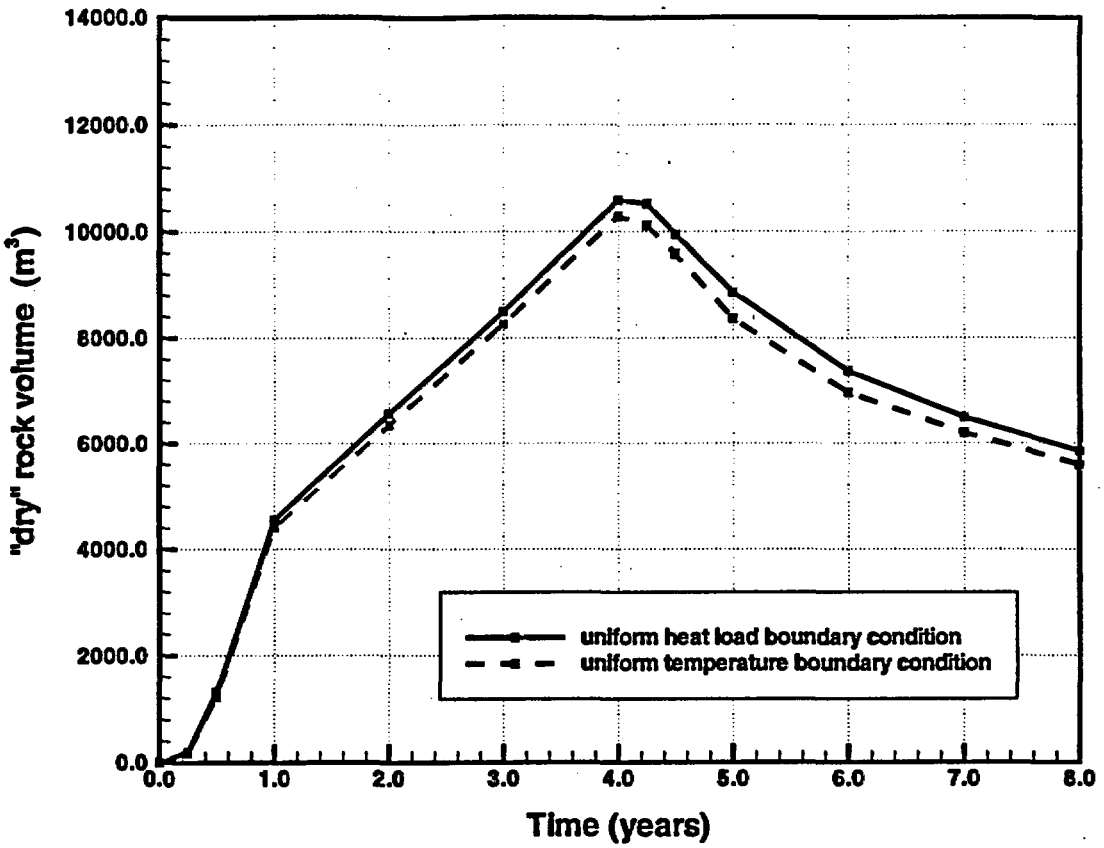


Figure 5.2-34 Evolution of dry-out rock volume for 3.6 mm/yr infiltration case. Both the uniform temperature and the uniform heat load case are shown (1 year heating at 100%, 3 years heating at 50%).

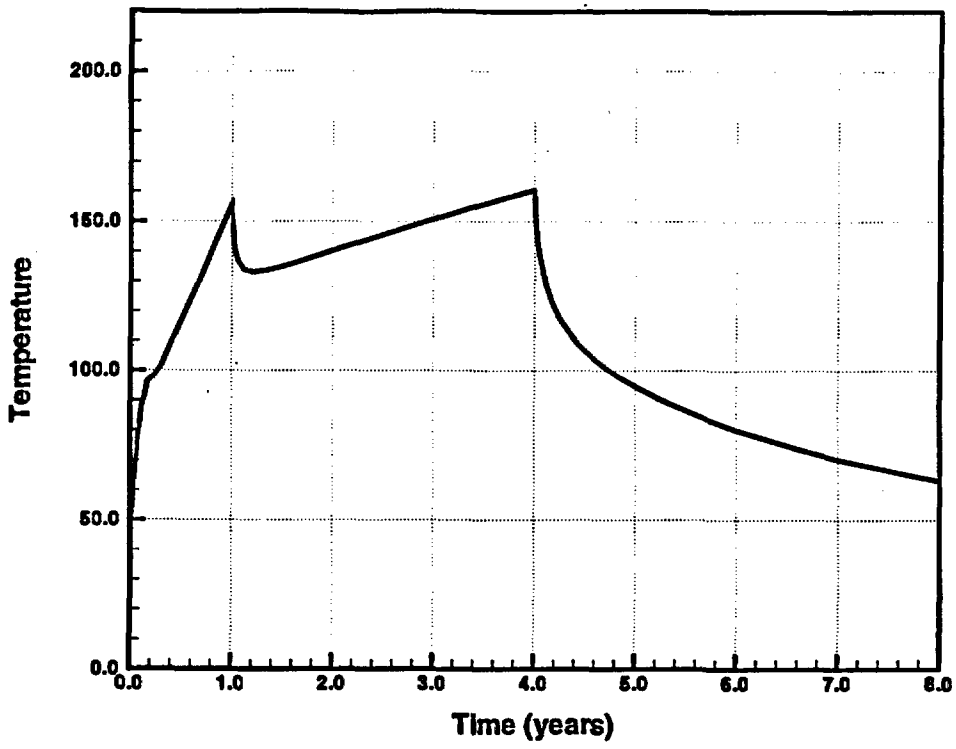


Figure 5.2-35 *Temperature evolution at the heater drift wall for uniform temperature boundary condition in the heater drift (1 year heating at 100%, 3 years heating at 50%).*

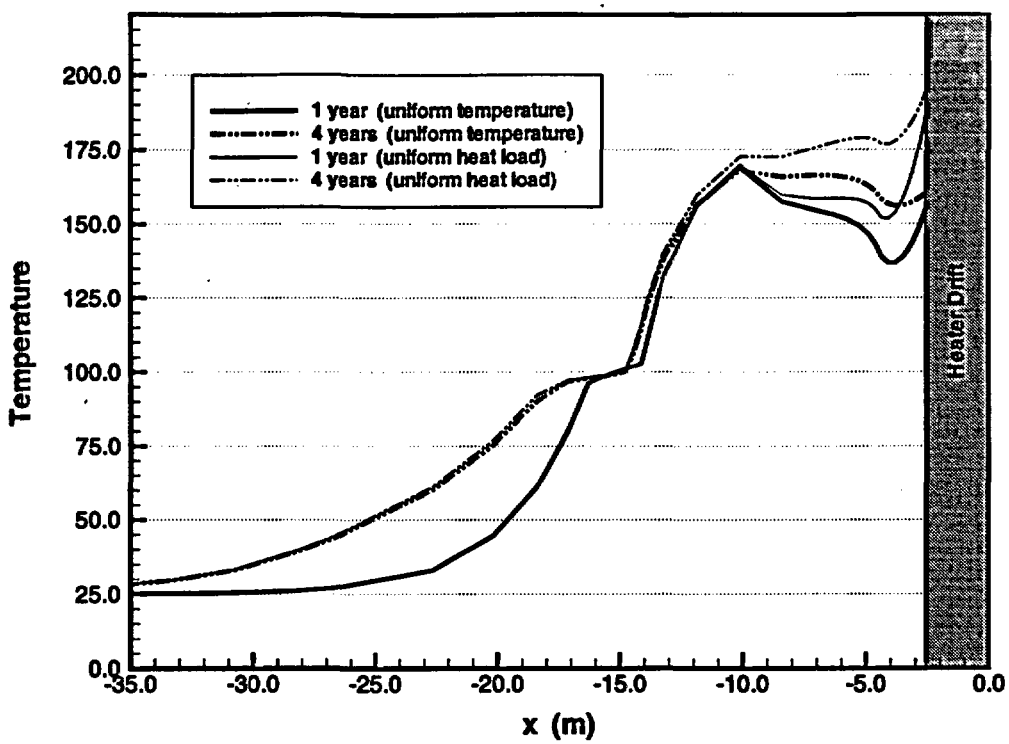


Figure 5.2-36 Temperature profiles along x-axis at y = 30.18 m and z = 0.0 m for 3.6 mm/yr infiltration case. Both the uniform temperature and the uniform heat load case are shown (1 year heating at 100%, 3 years heating at 50%).

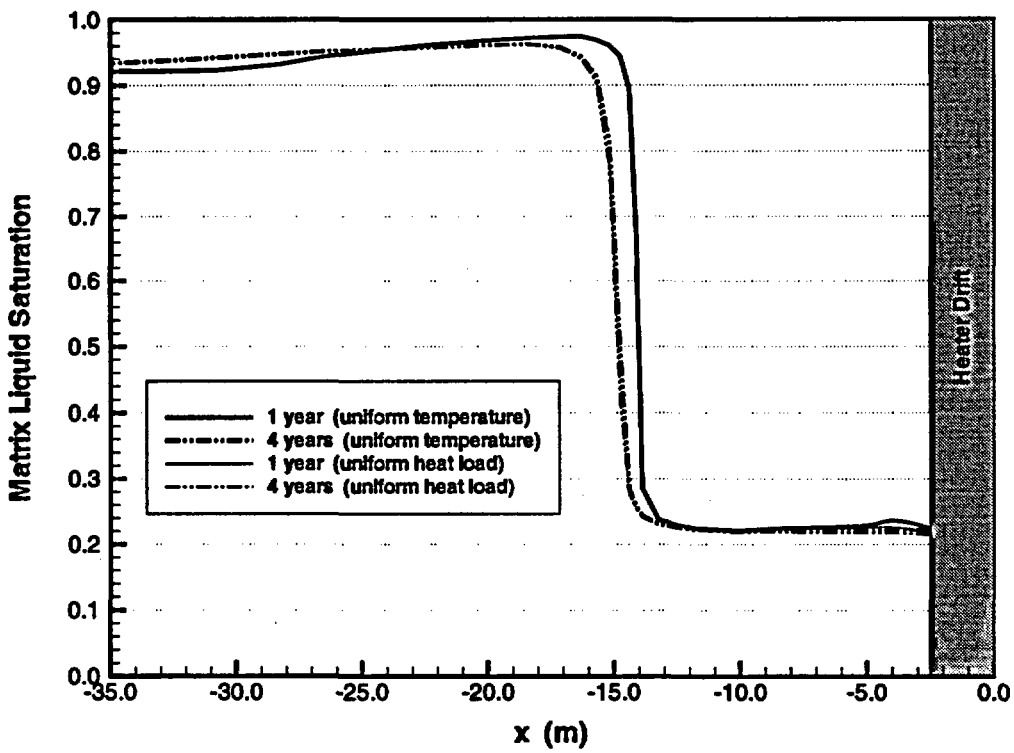


Figure 5.2-37 Matrix liquid saturation profiles along x-axis at y = 30.18 m and z = 0.0 m for 3.6 mm/yr infiltration case. Both the uniform temperature and the uniform heat load case are shown (1 year heating at 100%, 3 years heating at 50%).

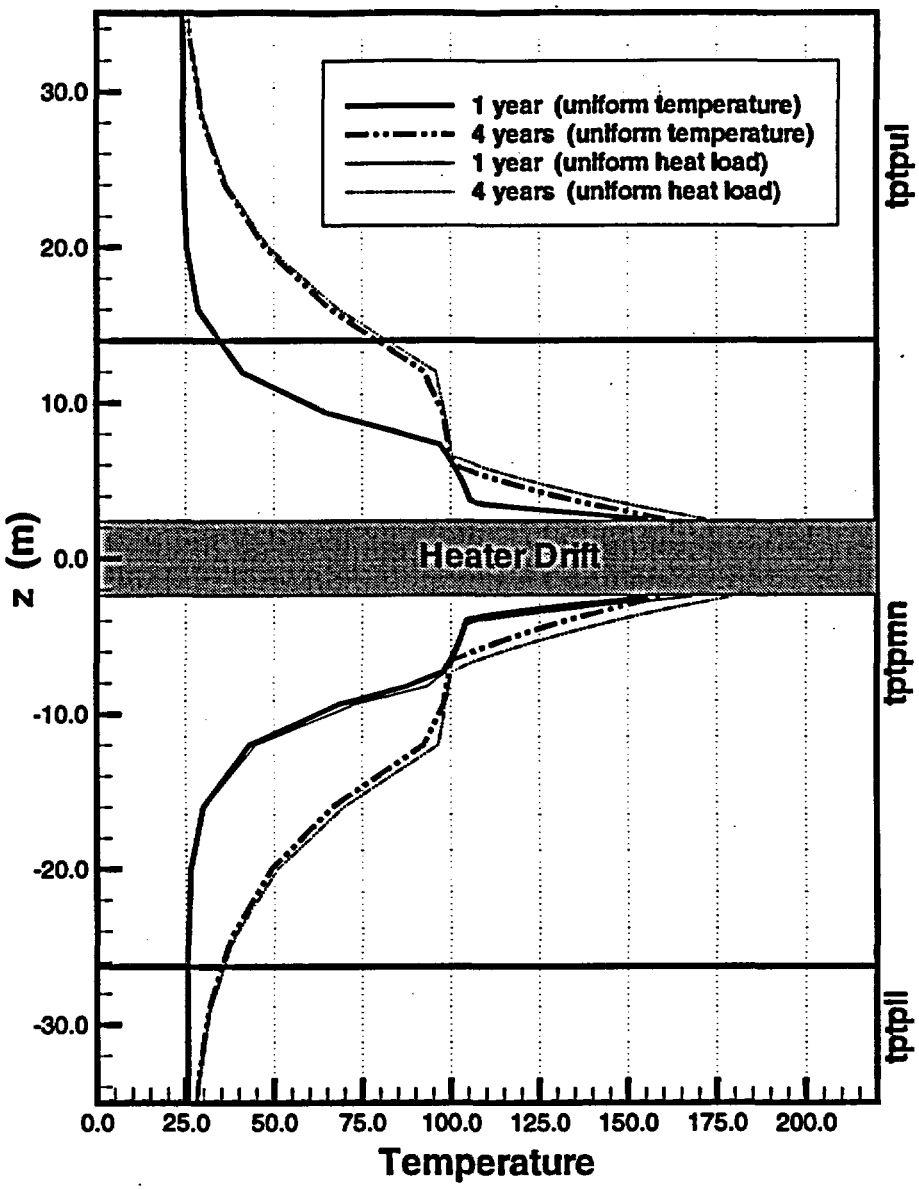


Figure 5.2-38 *Temperature profiles along z-axis at x = 0.0 m and y = 30.18 m for 3.6 mm/yr infiltration case. Both the uniform temperature and the uniform heat load case are shown (1 year heating at 100%, 3 years heating at 50%).*

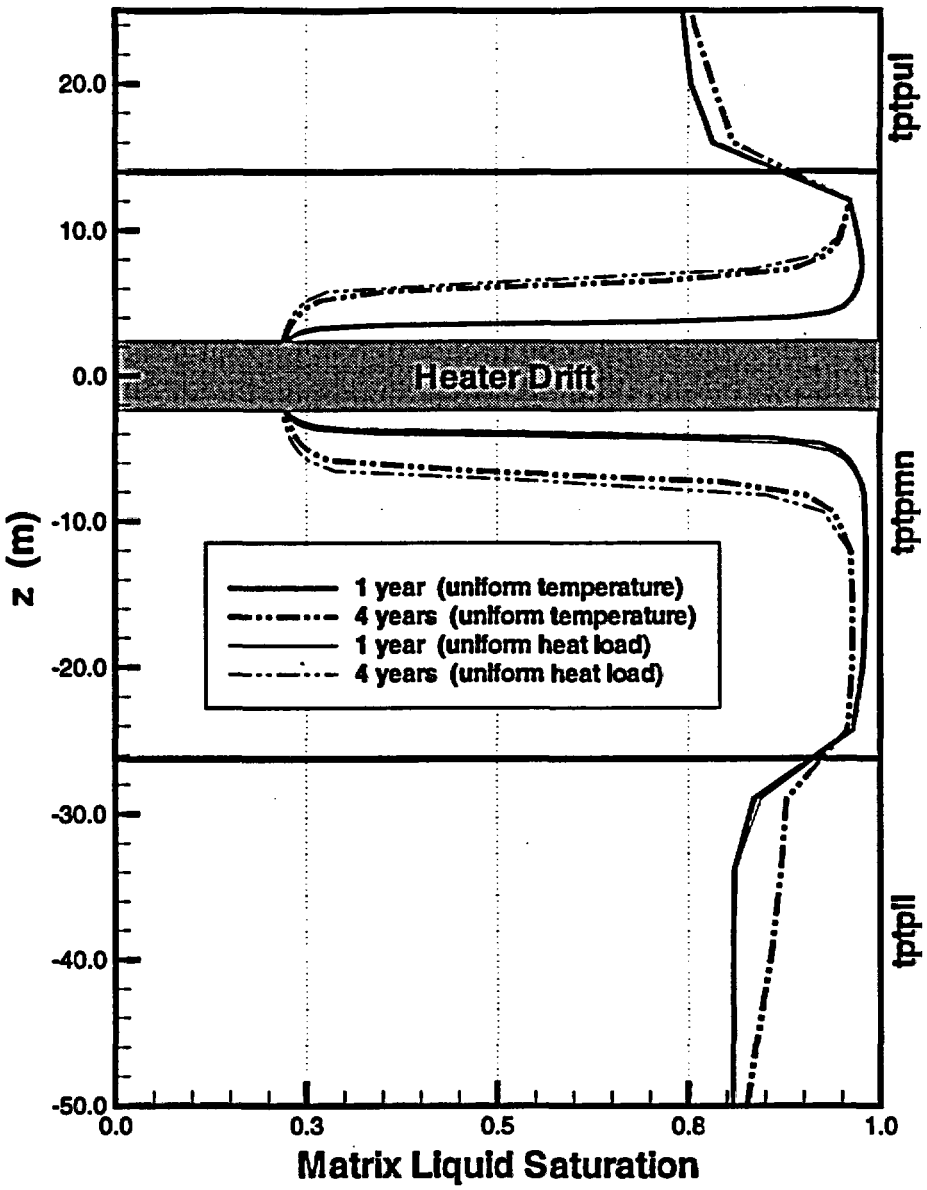


Figure 5.2-39 Matrix liquid saturation profiles along z-axis at x = 0.0 m and y = 30.18 m for 3.6 mm/yr infiltration case. Both the uniform temperature and the uniform heat load case are shown (1 year heating at 100%, 3 years heating at 50%).

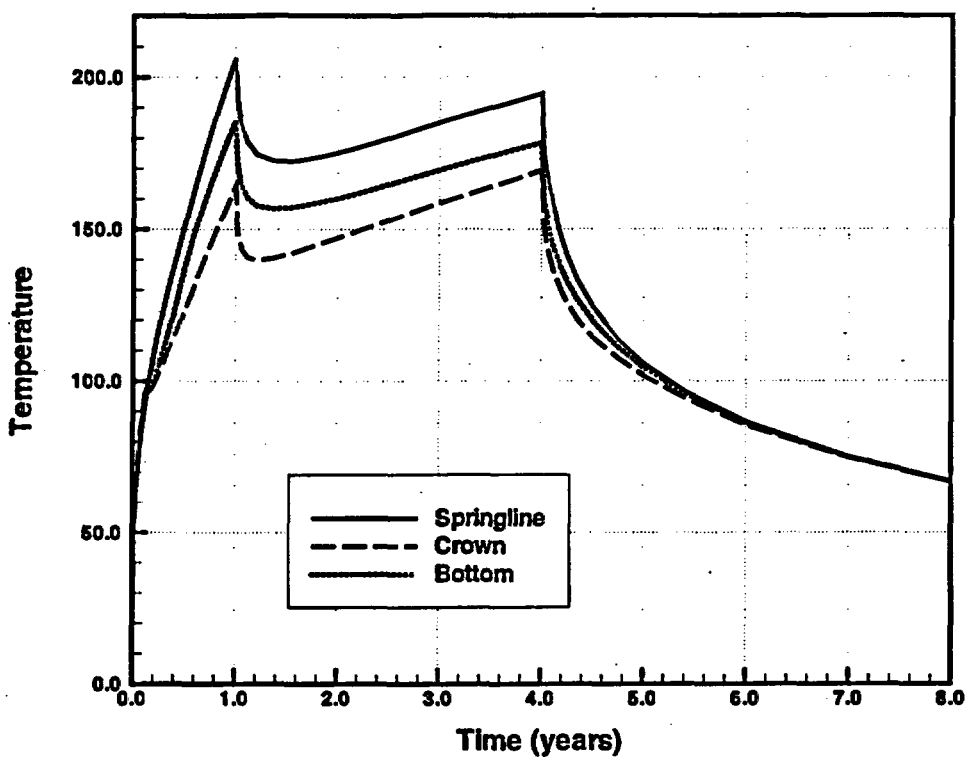


Figure 5.2-1 Temperature evolution at the heater drift wall at y = 10.06 m from the bulkhead for 0.36 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).

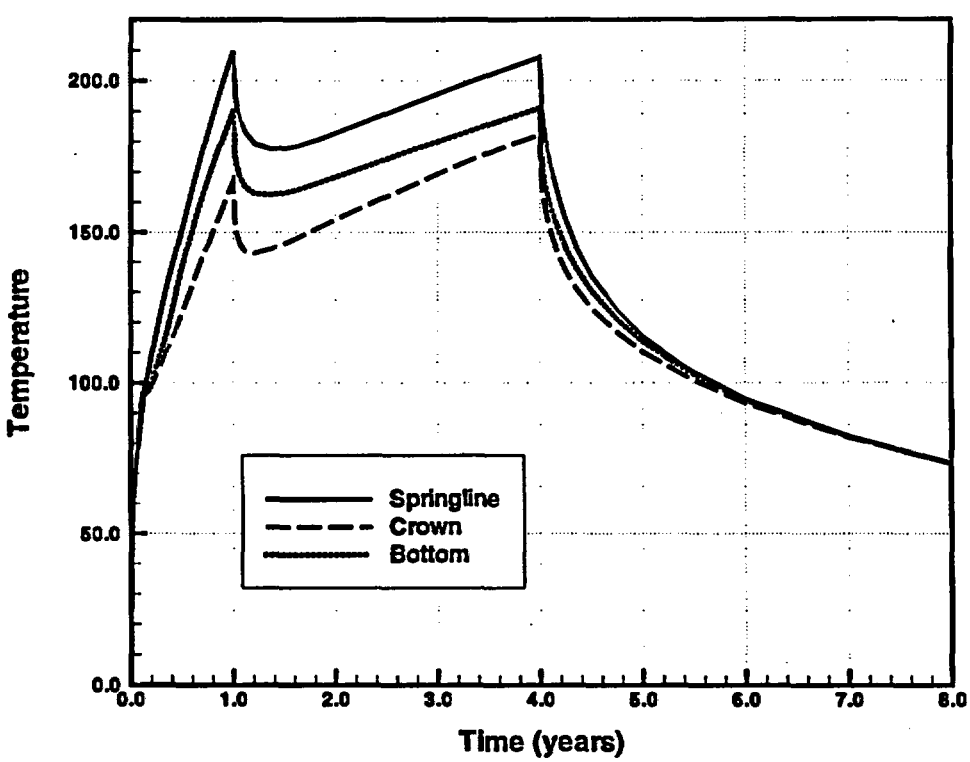


Figure 5.2-2 Temperature evolution at the heater drift wall at y = 30.18 m from the bulkhead for 0.36 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).

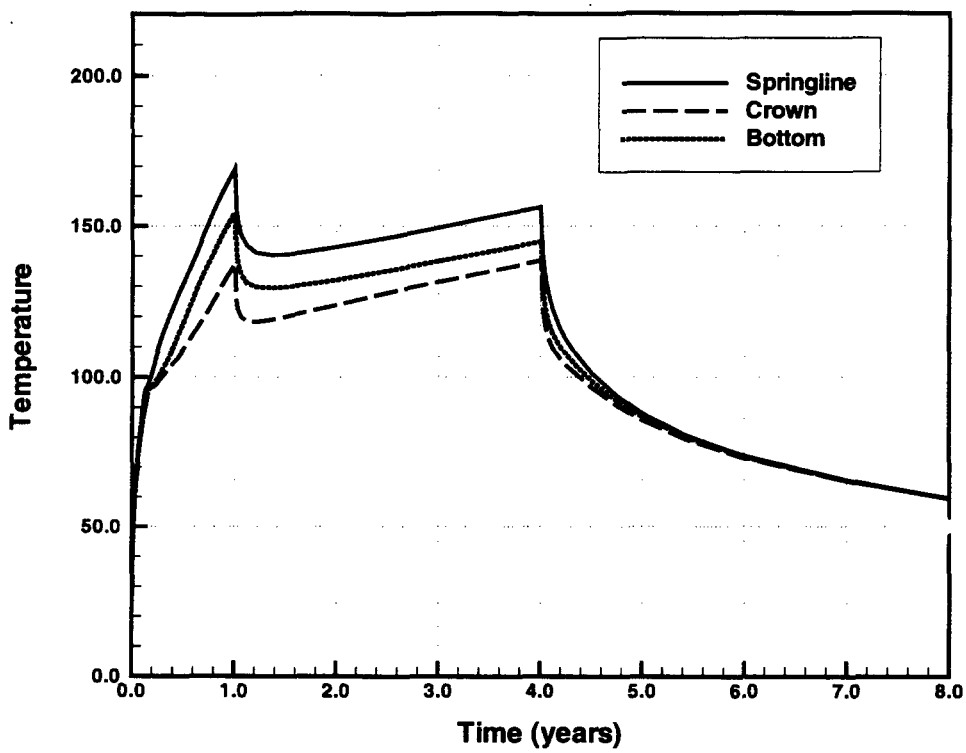


Figure 5.2-3 *Temperature evolution at the heater drift wall at y = 44.8 m from the bulkhead for 0.36 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).*

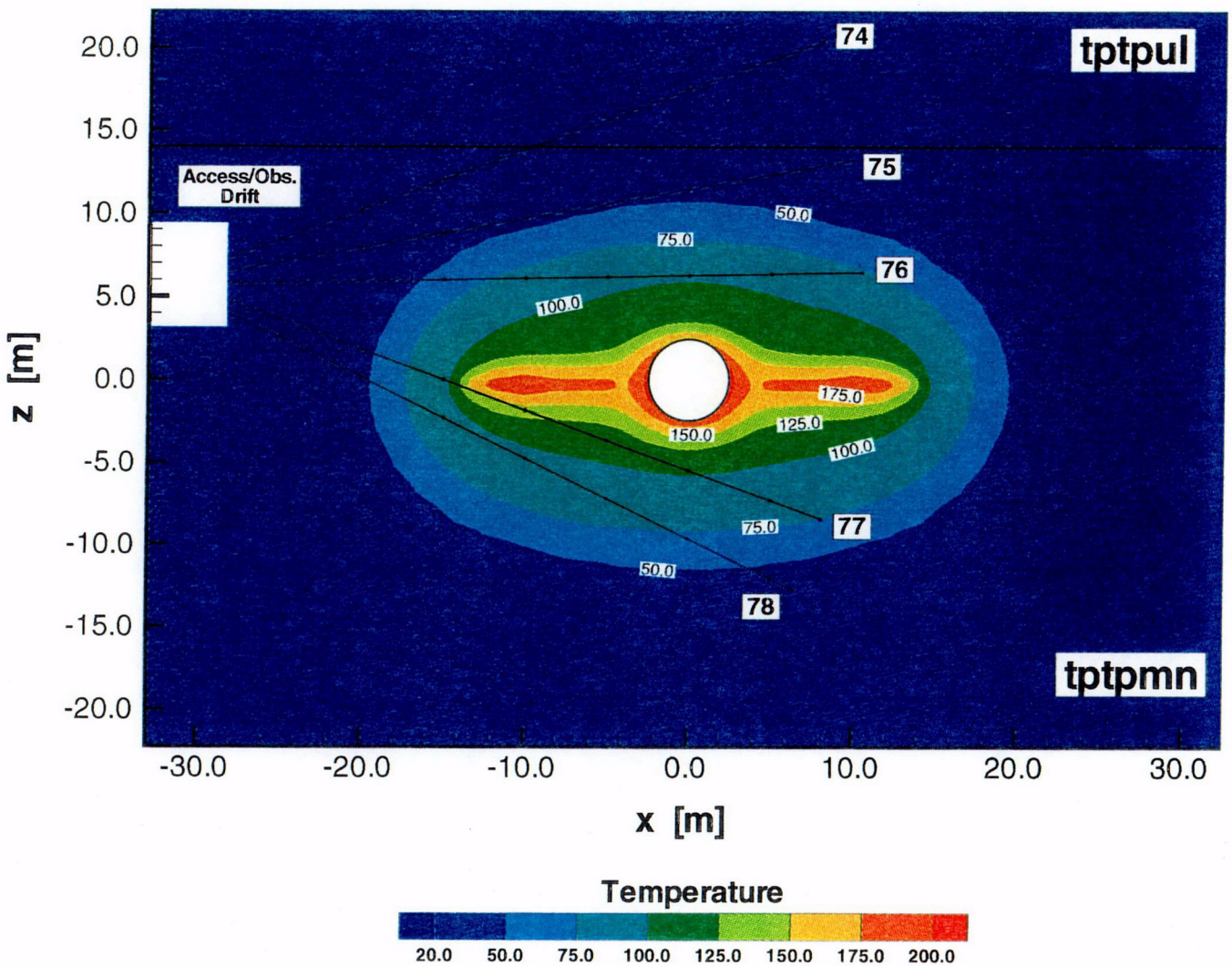


Figure 5.2-4 *Temperature response after 1 year of heating in xz-cross section at y=30.18 m for 0.36 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).*

C-19

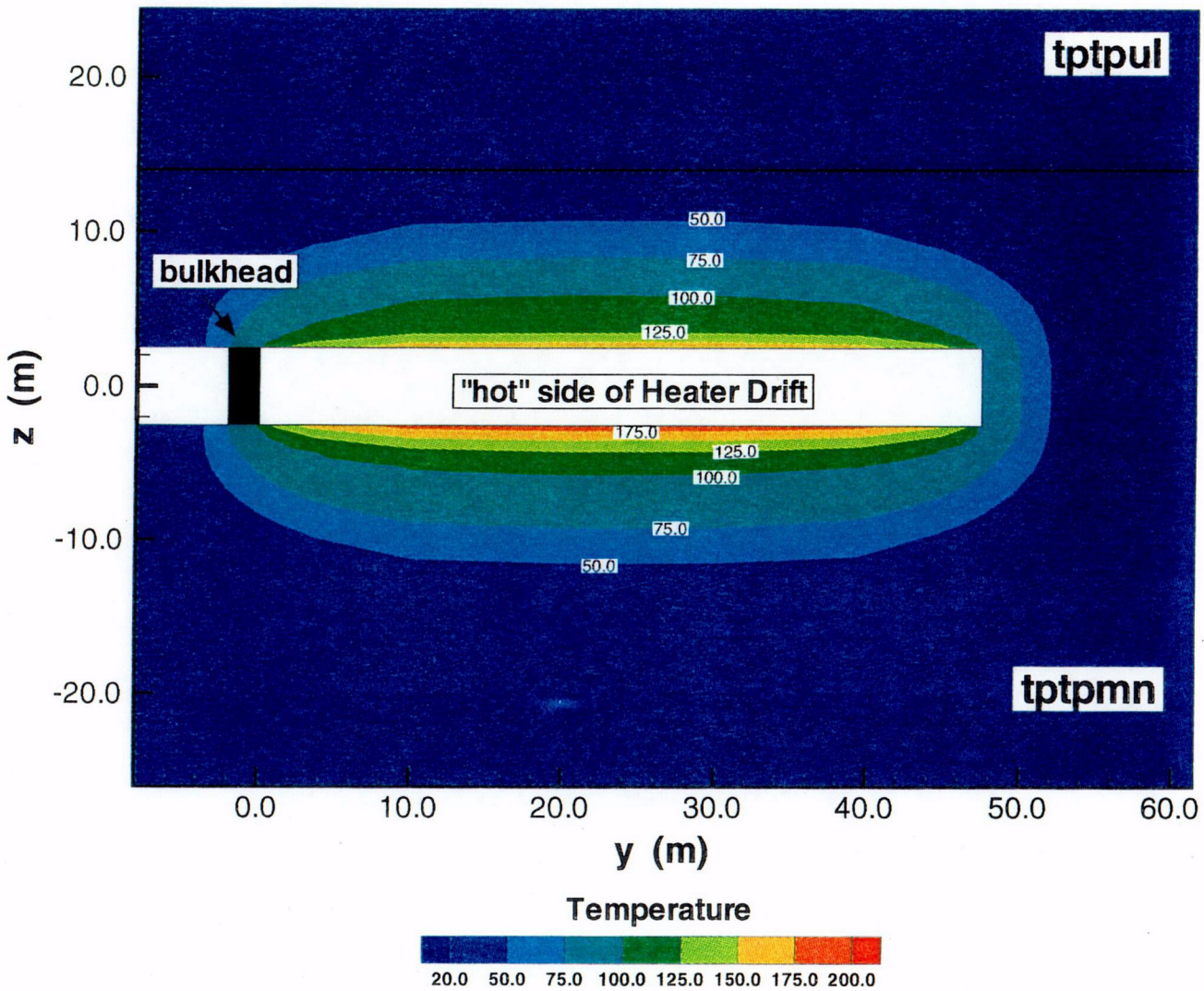


Figure 5.2-5 *Temperature response after 1 year of heating in yz-cross section at x = 0.0 m for 0.36 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).*

C-20

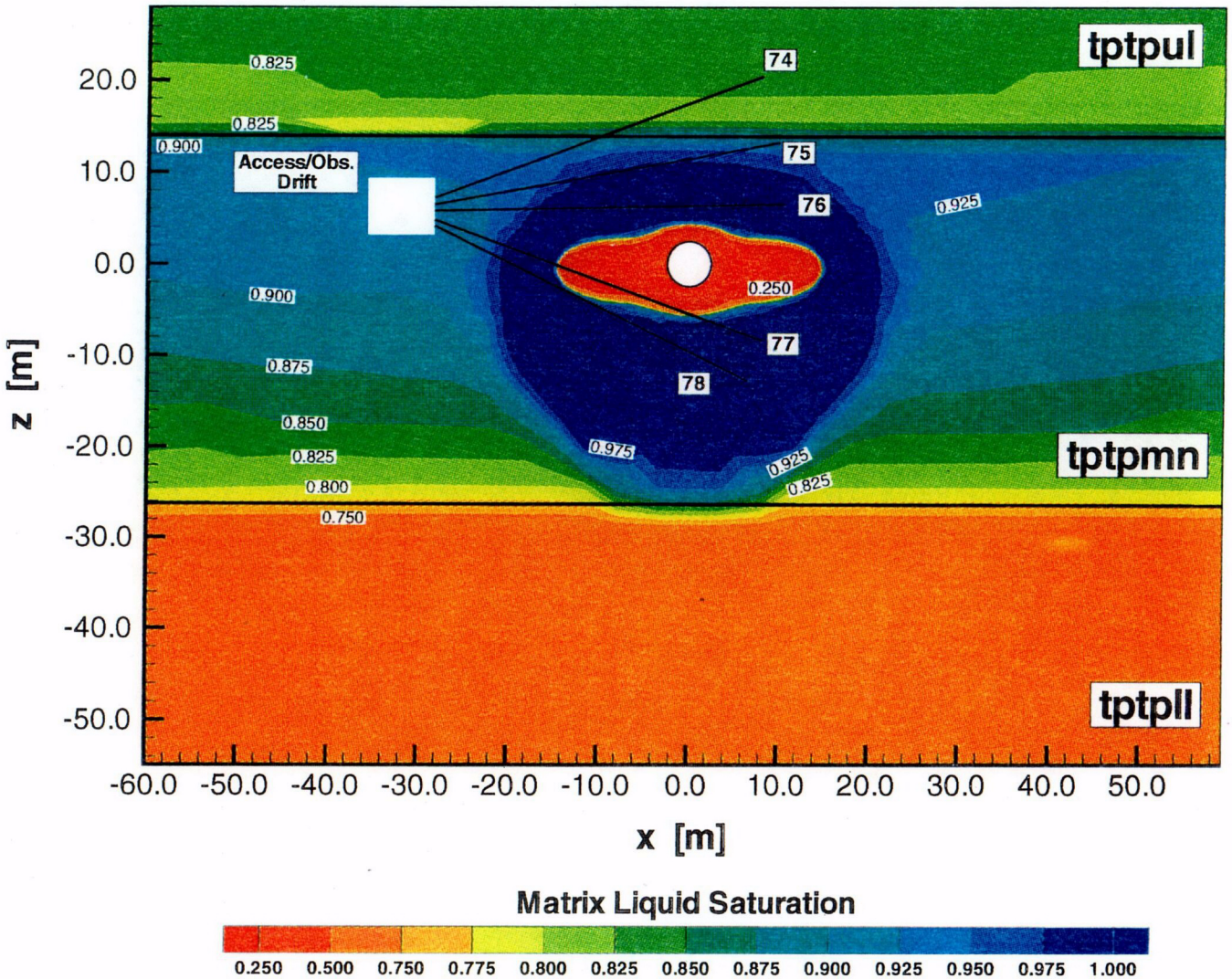


Figure 5.2-6 *Matrix liquid saturation after 1 year of heating in xz-cross section at y=30.18 m for 0.36 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%). Also presented is the location of hydrology holes 74 through 77*

C-21

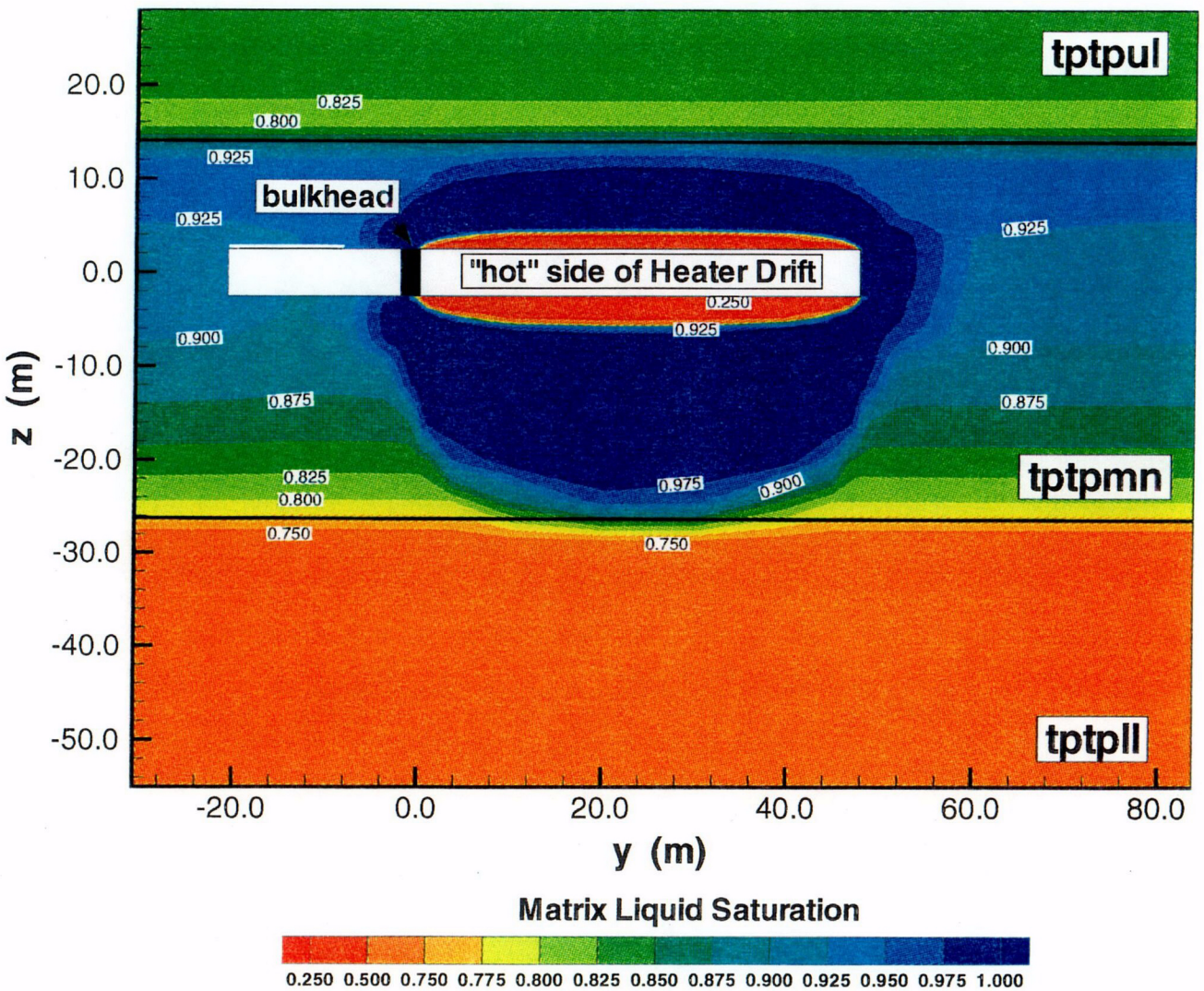


Figure 5.2-7 *Matrix liquid saturation after 1 year of heating in yz-cross section at x = 0.0 m for 0.36 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).*

0-22

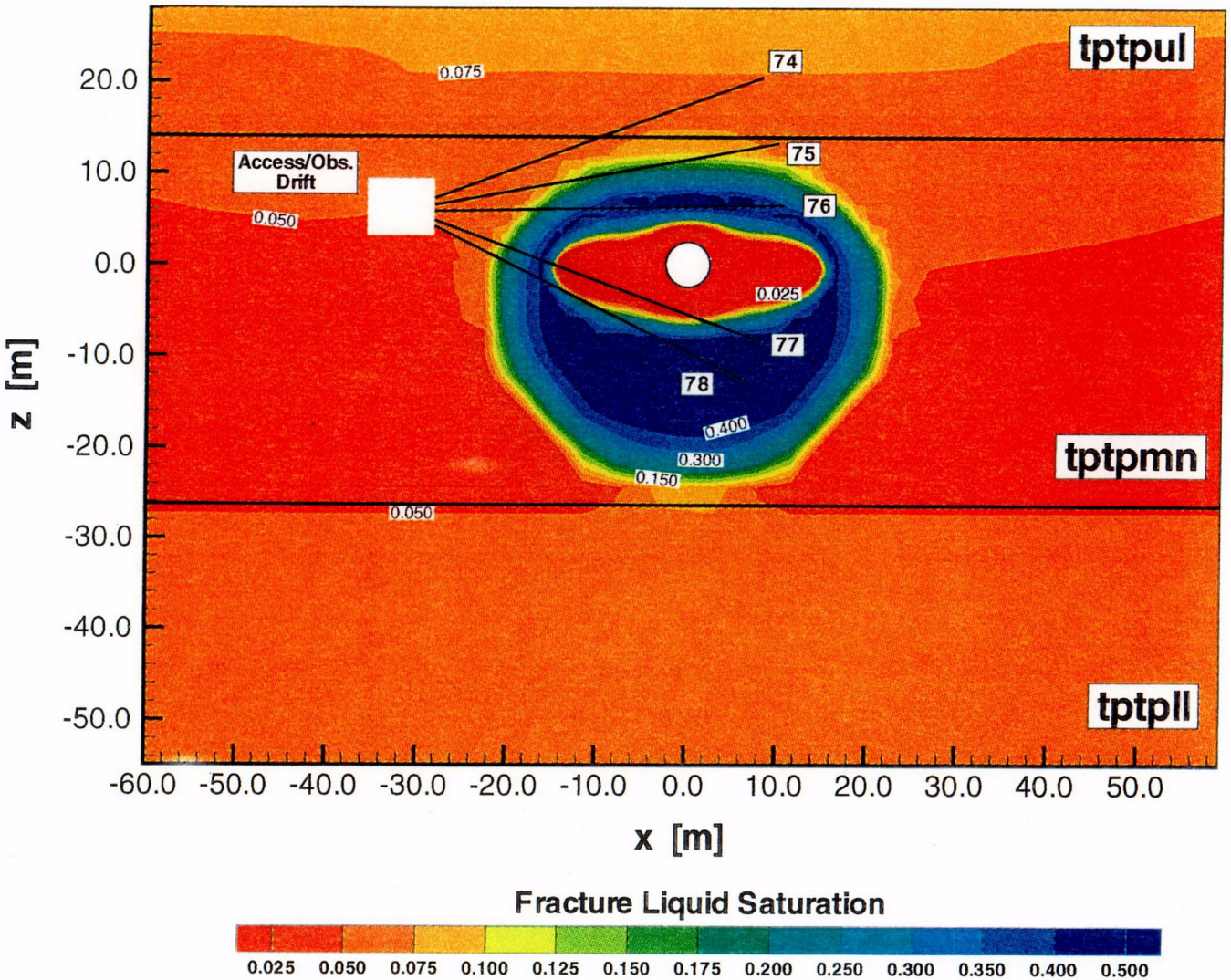


Figure 5.2-8 *Fracture liquid saturation after 1 year of heating in xz-cross section at y=30.18 m for 0.36 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%). Also presented is the location of hydrology holes 74 through 77.*

C-23

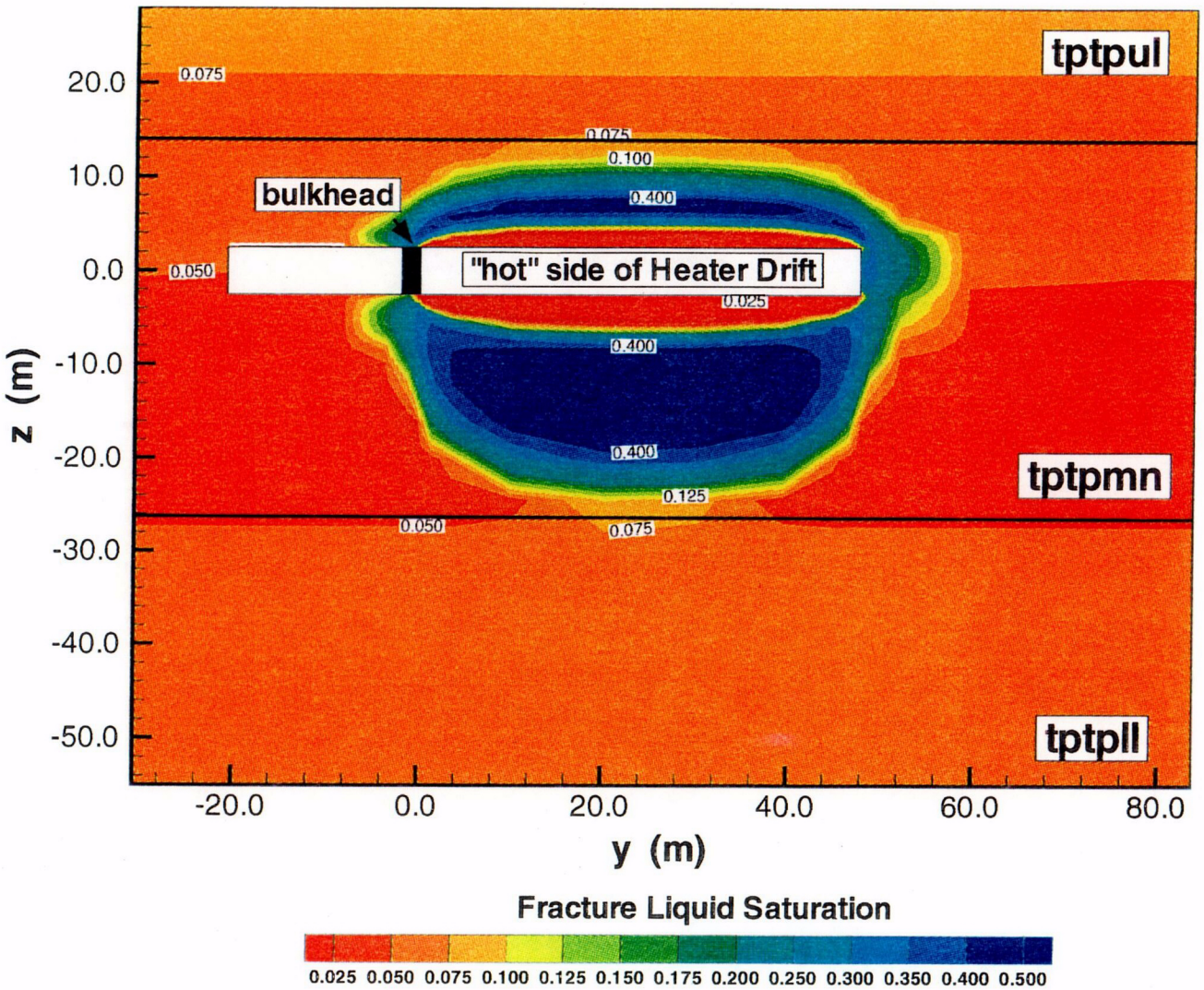


Figure 5.2-9 *Fracture liquid saturation after 1 year of heating in yz-cross section at x = 0.0 m for 0.36 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).*

C-24

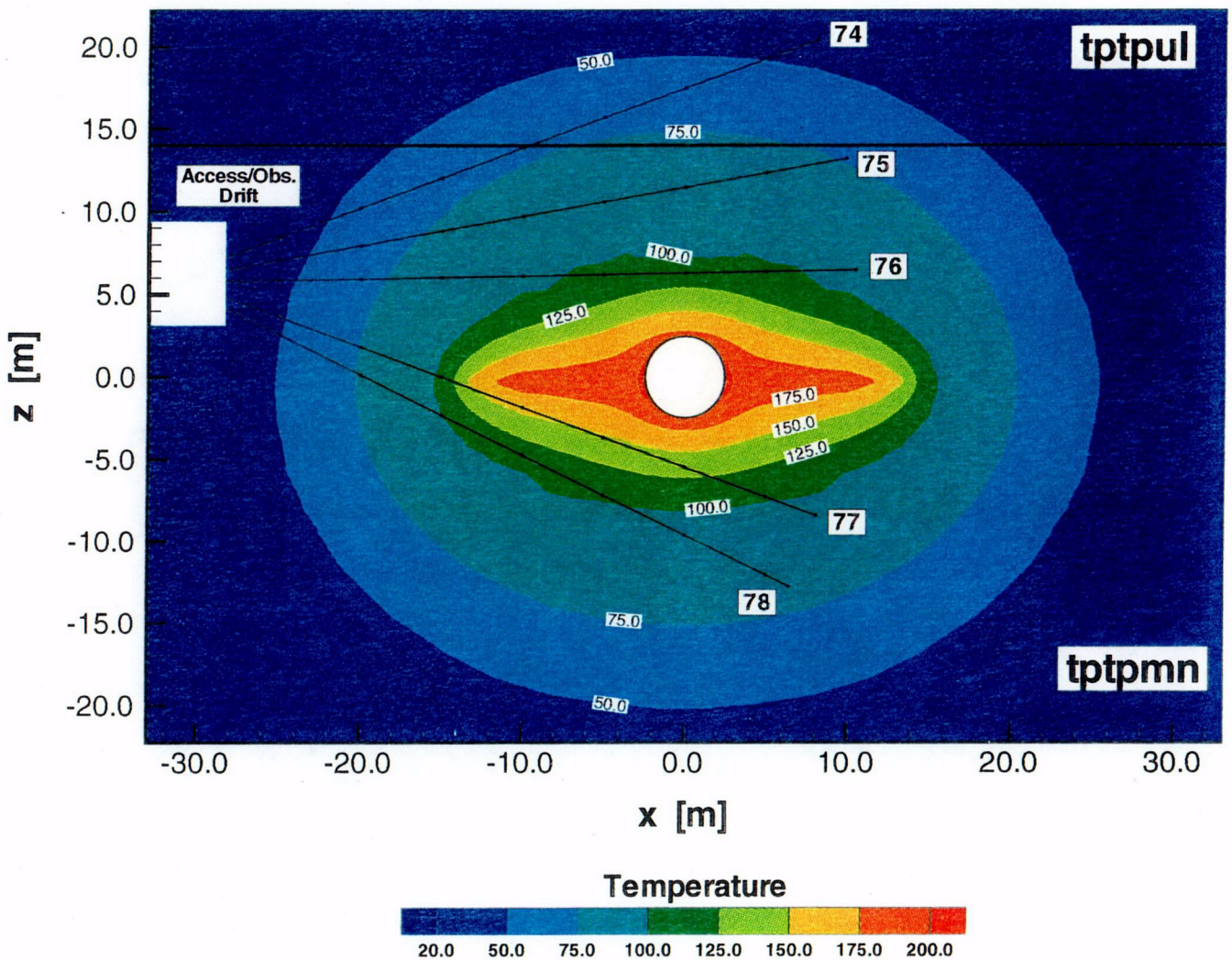


Figure 5.2-10 *Temperature response after 4 years of heating in xz-cross section at y=30.18 m for 0.36 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%). Also presented is the location of hydrology holes 74 through 77.*

C-25

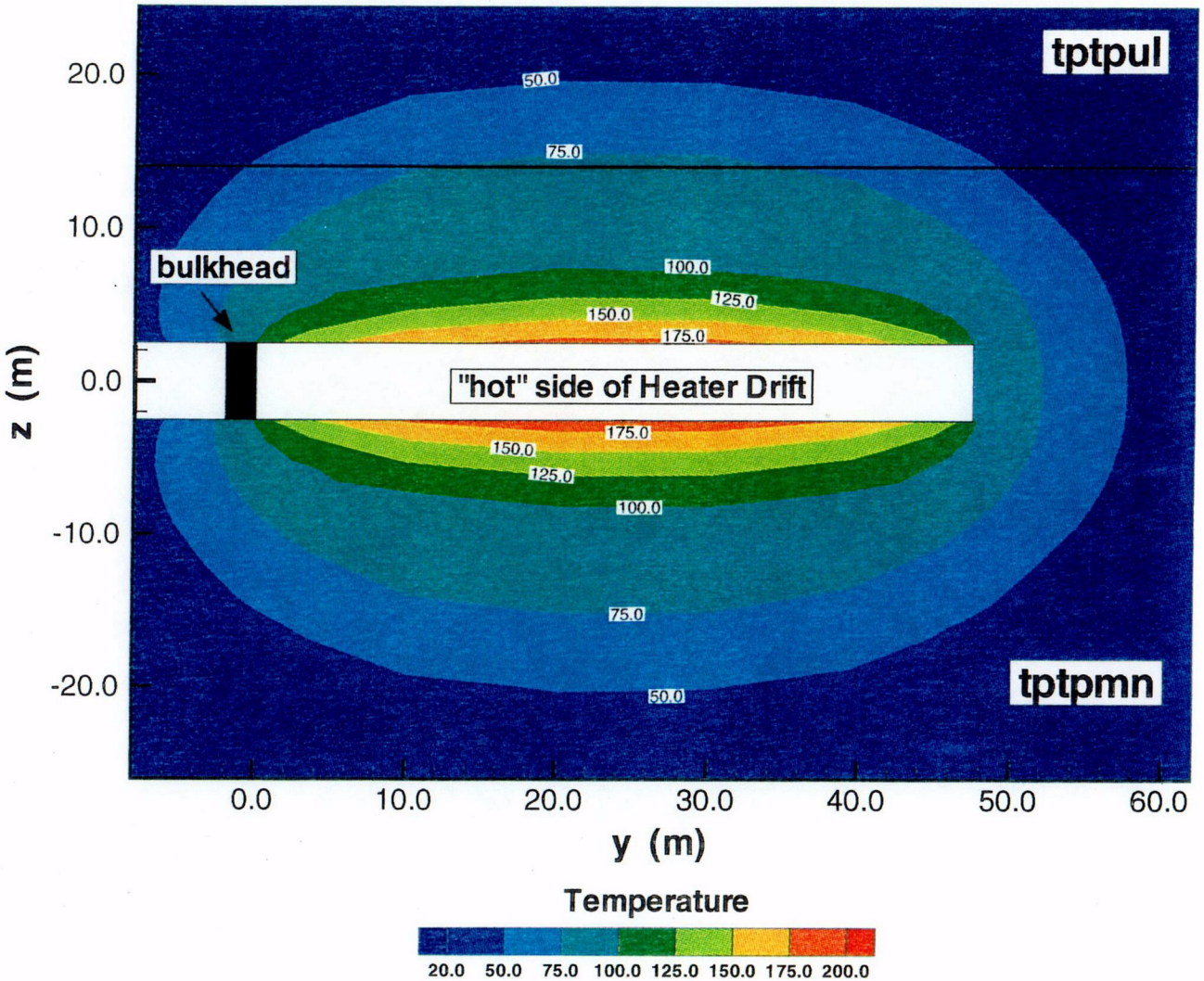


Figure 5.2-11 *Temperature response after 4 years of heating in yz-cross section at x = 0.0 m for 0.36 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%).*

C-26

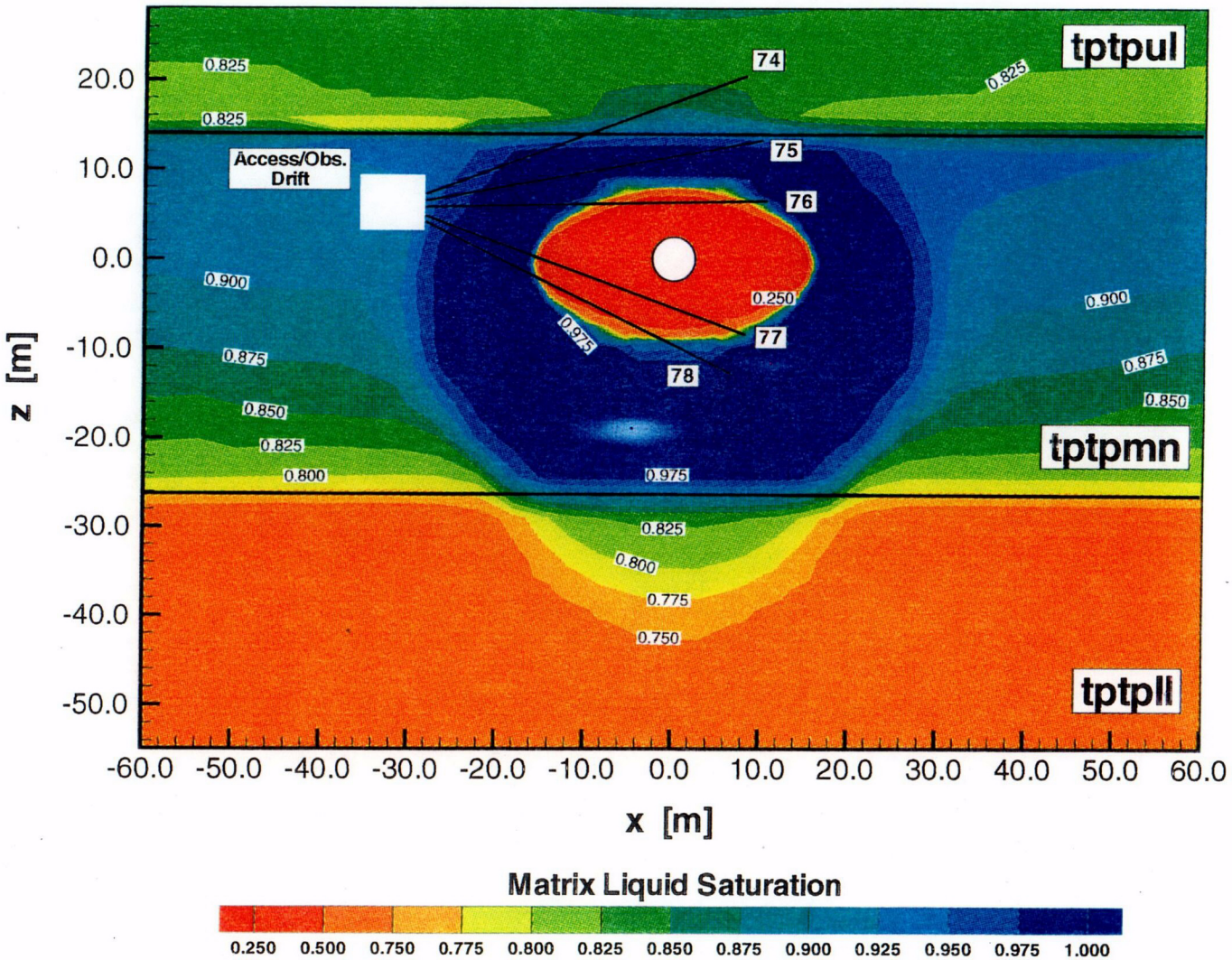


Figure 5.2-12 *Matrix liquid saturation after 4 years of heating in xz-cross section at y=30.18 m for 0.36 mm/yr infiltration case (1 year heating at 100%, 3 years heating at 50%). Also presented is the location of hydrology holes 74 through 77.*

C-27