The next three photo pages represent our field and laboratory studies using pulverized limestone (primarily calcium carbonate and magnesium carbonate, the primary constituents of the Glen Rose limestones) and water under controlled experimental conditions. After permitting the solution to set for approximately 90 minutes this researcher stepped in the mix in the forward motion of normal walking.

A metamorphosis was observed in the depression left by the foot placement:

1. mud displacement and splash-up were observed in general contour around the depression.
2. water and dilute solution filled the lower sections of the track.
3. The first and second toe depressions were quite well defined.
4. The water was progressively absorbed by the host material as the print details became less defined.
5. The first toe depression slowly infilled except for an outline in general oval shape.
6. A general toe line with extraneous rises of host material displayed as the form hardened in approximately 4 hours.