



FIGURE 5
 HIDDEN VALLEY SITE
 TRENCH 1, LOG OF NORTH WALL
 T19N,R20E SW 1/2 SECTION 23
 SCALE 1 in. = 5 ft.

- A** A soil horizon—Eolian fine sand. Brown (10YR 5/3), single grain, non-sticky, non-plastic. Boundary to B_{2t} is abrupt and smooth.
- B_{2t}** B_{2t} soil horizon—Clay loam to sandy clay. Brown to dark (7.5YR 4/4) brown (moist color), strong angular blocky (1" peds), weak prismatic (2" peds), sticky, plastic. Boundary to B₃ is abrupt and smooth to wavy.
- B₃** B₃ soil horizon—Loam light yellowish brown (10YR 6/4, m), massive to weak angular blocky (1" peds), slightly sticky, non-plastic. Boundary to Csica is diffuse.
- Csica** Csica soil horizon—In gravelly alluvium = coatings on gravel clasts with no cementation. Mostly *duric*. In clayey alluvium = strong, and well cemented *duripan*, coatings on clasts and ped surfaces, non-sticky, non-plastic, light yellowish brown (10YR 6/4, m). Boundary to alluvium is diffuse.

- 1** 1. Sandy small to large cobble gravel—yellowish brown (10YR 5/4), massive, unsorted, non-indurated.
- 2** 2. Sandy small pebble gravel—brown (10YR 5/3), poorly to moderately sorted, non-indurated, graded bedding.
- 3** 3. Sandy medium large cobble gravel—yellowish brown (10YR 5/4), unsorted, non-indurated, massive. Contains some 1–2 foot boulders.
- 4** 4. Sandy large pebble and small cobble gravel—brown (10YR 5/3), poorly sorted, non-indurated. Occurs as local lenses.
- 5** 5. Muddy large pebble gravel—brown (7.5YR 5/4), unsorted, non-indurated.

Fault descriptions:
 Main fault zone is apparent as a 1–2 foot wide disturbed zone containing a mixture of alluvial debris from geologic units 1–3. Brown (10YR 5/4), loose, unconsolidated, roots in fractures. Main fault trace = N15E70W. Offset = 6 feet, which occurred in one movement. Other fracture at 55 feet trends N40E70W but has no offset.
 Fault age—Csica soil horizon is *not* displaced and have Csica in fault zone also. Thus faulting is pre-soil, and therefore, is slightly pre-Sangamon in age (probably about Mid-Pleistocene).