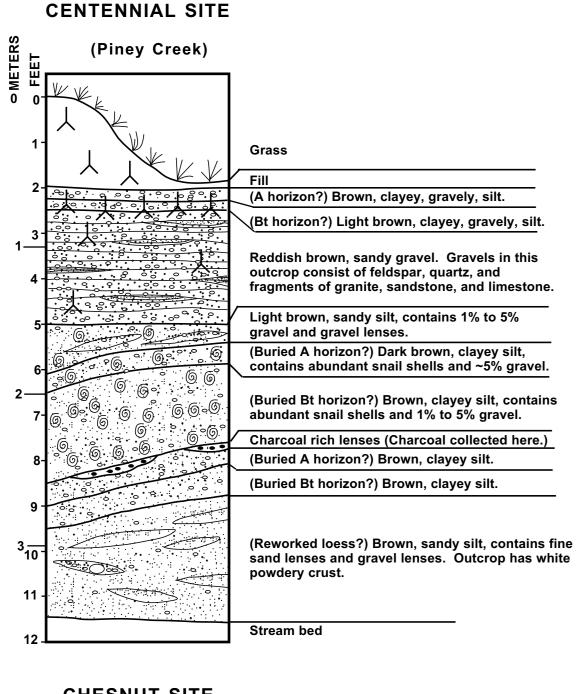
PLATE 4. Stratigraphic Description Of Snail Collection Sites

(Snails were collected from all sites. Charcoal and snails were collected from Centennial Site.)



CHESNUT SITE

(Louviers)

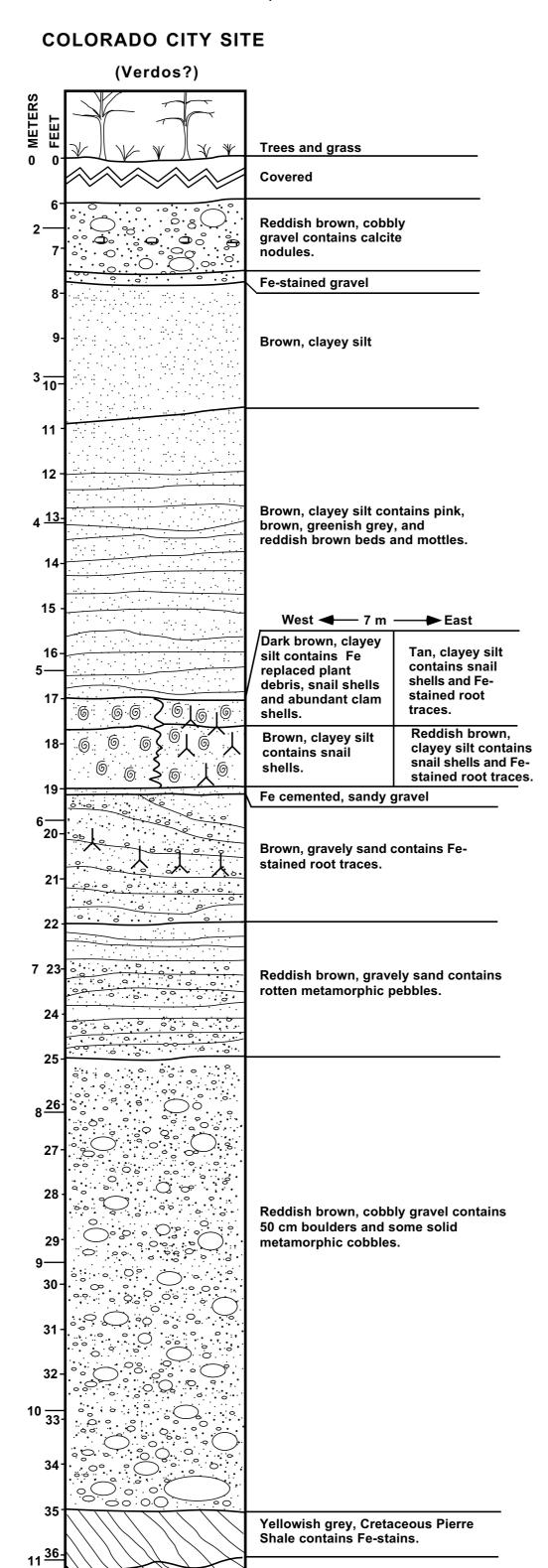
3.8 meters above stream.

	Grass
$\overline{0}$ $\overline{0}$	(Loess?)Light brown silt, contains ~1% gravel.
	(A horizon?) Dark brown, organic, clayey silt, contains ~5% gravel.
2	(Bt horizon ?) Light brown, silty clay, contains ~5% gravel, calcite nodules up to .5 cm, powdery calcite along roots.
	Clayey gravel, some clasts have calcite coat.
	(Buried Bt horizon ?) Light brown, silty clay, contains; ~5% gravel, calcite nodules up to 0.5 cm, and powdery calcite along roots.
5	Reddish brown, sandy, silty, gravel, contains powdery calcite. Some rocks have calcite crust on bottom.
6 1 1 1 1	(Buried A horizon?) Dark brownish red, clayey silt, contains 1-5% gravel and abundant root traces which contain powdery calcite.
7 6 6 6 6 6	(Buried Bt horizon?) Light brownish red, clayey silt, contains abundant snail shells and powdery calcite.
	Same as above except brown.
8 6 人 6 6 6 人	Light brownish red, clayey silt, contains 5-10% gravel, abundant snail shells and powdery calcite.
800000000 8000000000000000000000000000	Brown sand
9-8-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	Reddish brown, cobbly, sandy gravel, contains cobbles up to 8 cm and very little calcite crusts

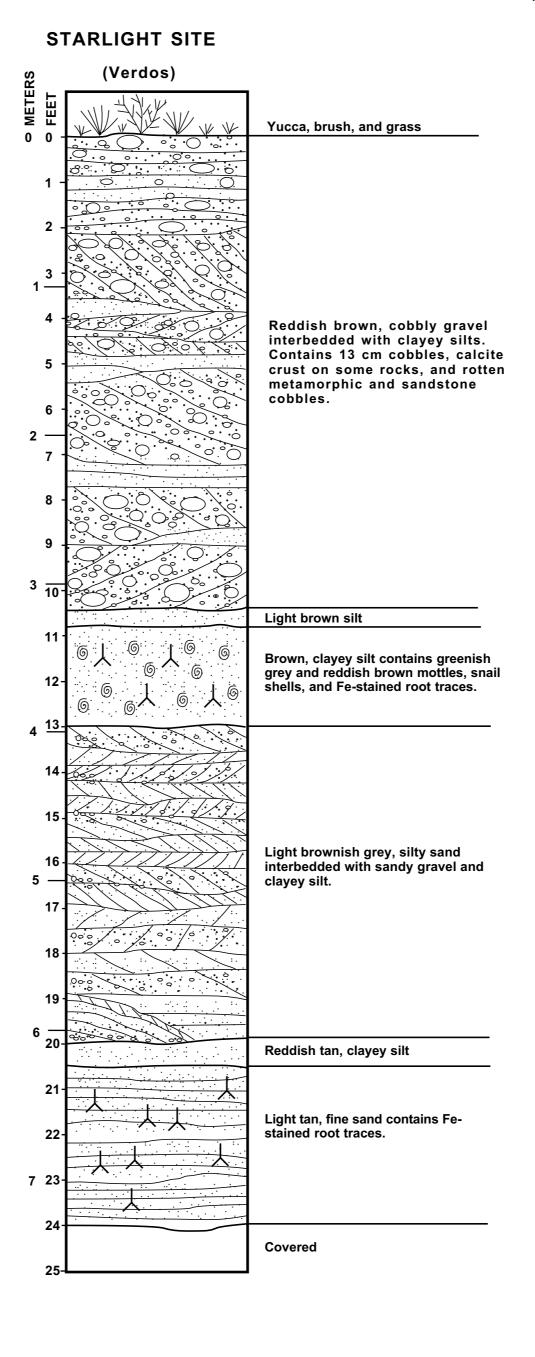
Mn-oxide stained gravel.

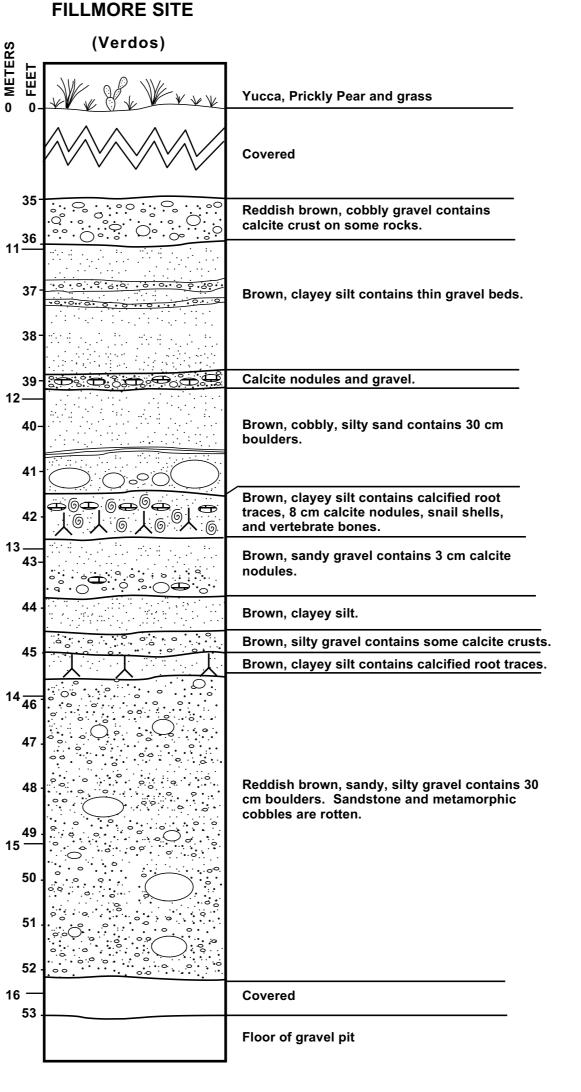
Fe-oxide stained gravel.

cobbles up to 8 cm and very little calcite crusts



Dark grey Cretaceous Pierre Shale





SS	(Nussbaum)	
METERS FEET		
0 0. ≅ E		Floor of higher gravel pit
1 -		Reddish brown, cobbly gravel contains rotten metamorphic cobbles.
•		Caliche (K horizon?)
2 -		Light brown, sandy silt
	0 0 0	Caliche
3 -		Light brown, sandy silt
1—		Reddish brown, cobbly gravel
5		Slightly cemented, reddish brown, sandy gravel
2 		Cemented, whitish brown, sandy, cobbly gravel contains 50 cm boulders.
8 -	0 0 0 0 0	Caliche (K horizon?)
0	··· 6 · · · 6 · · · 6 · · · · 6 · · · ·	Light brown, silty sand contains snail sh
9 -		Reddish brown, sandy, cobbly gravel contains rounded cobbles and >50% granite cobbles.
3 10	© 6 © 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Light brown, sandy silt contains abundant snail shells.
11°		Angular cobbles in a silty sand matrix contain white crusts and >50% red sandstone and grey limestone cobbles.
4 13		Reddish brown, sandy, cobbly gravel.
15		Covered
16 5 —		Floor of gravel pit

