

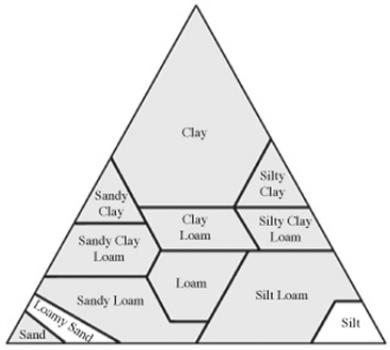
Step 4 (Test for loamy sand or silt)

- If the soil:
- Forms a ball
 - Forms **no** ribbon
 - And is

H. Very gritty
 Soil texture is: loamy sand
 Soil Texture is complete.

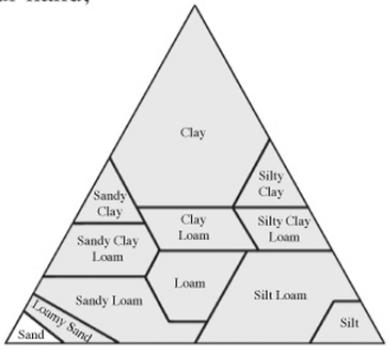
Or

I. Very soft and smooth with **no** gritty feeling,
 Soil texture is: silt
 Soil Texture is complete.



Step 5 (Test for sand)

- If the soil:
 Forms no ball and falls apart in your hand,
 Soil texture is: sand
 Soil Texture is complete.



Free Carbonates

Working from the bottom of a profile up to the top, squirt vinegar in a straight line onto the soil. If free carbonates are present, they will “effervesce” or bubble when the vinegar reacts with them.

Record one of the following based on your observation:

None: you observe no reaction (the soil has no free carbonates).

Slight: you observe a slight amount of bubbling (the soil is coated with some carbonates).

Strong: you observe a strong reaction (many bubbles) (the soil has many carbonate coatings present).

