

ROOTS (e.g., 2 vf)

Quantity
 few (1) < 1 per unit area *
 common (2) 1-5 per unit area
 many (3) > 5 per unit area

Size * **Unit area**
 very fine (vf) < 1 mm 1 sq cm
 fine (f) 1-2 mm 1 sq cm
 medium (m) 2-5 mm 1 sq dm
 coarse (co) > 5 mm 1 sq dm

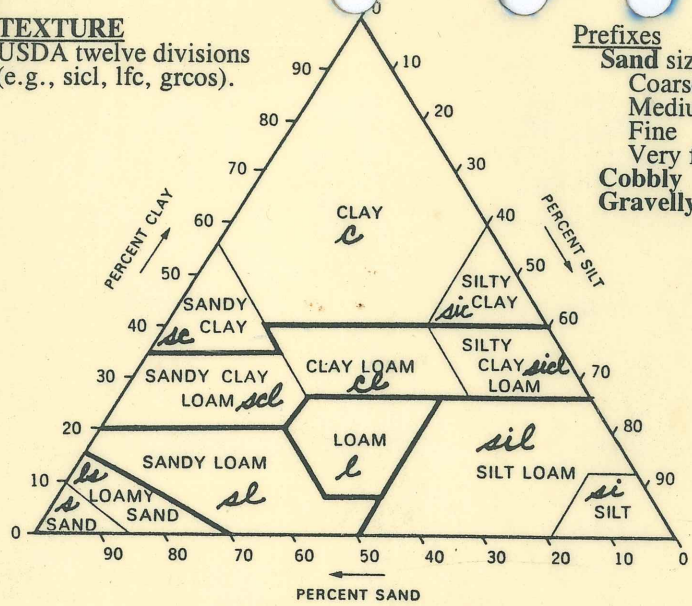
BOUNDARY describes the transition between horizons (e.g., cw).

Distinctness
 abrupt (a) < 2 cm
 clear (c) 2-5 cm
 gradual (g) 5-15 cm
 diffuse (d) > 15 cm

Topography
 smooth (s) nearly a plane
 wavy (w) waves wider than deep
 irregular (i) depth greater than width
 broken (b) discontinuous

TEXTURE
 USDA twelve divisions
 (e.g., sicl, lfc, grcos).

Prefixes
 Sand sizes
 Coarse (co)
 Medium
 Fine (f)
 Very fine (vf)
 Cobbly (cb)
 Gravelly (gr)



Texture triangle describing the distribution of particles which are less than 2 mm in diameter.

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USDA Texture, Modifiers, and Terms Used in Lieu of Texture

Texture modifiers		Texture terms	Terms used in lieu of texture
BY	Bouldery	COS	Coarse sand
BYV	Very bouldery	S	Sand
BYX	Extremely bouldery	FS	Fine sand
CB	Cobbly	VFS	Very fine sand
CBA	Angular cobbly	LCOS	Loamy coarse sand
CBV	Very cobbly	LS	Loamy sand
CBX	Extremely cobbly	LFS	Loamy fine sand
CN	Channery	LVFS	Loamy very fine sand
CNV	Very channery	COSL	Coarse sandy loam
CNX	Extremely channery	SL	Sandy loam
FL	Flaggy	FSL	Fine sandy loam
FLV	Very flaggy	VFSL	Very fine sandy loam
FLX	Extremely flaggy	L	Loam
GR	Gravelly	SIL	Silt loam
GRC	Coarse gravelly	SI	Silt
GRF	Fine gravelly	SCL	Sandy clay loam
GRV	Very gravelly	CL	Clay loam
GRX	Extremely gravelly	SICL	Silty clay loam
MK	Mucky	SC	Sandy clay
PT	Peaty	SIC	Silty clay
RB	Rubbly	C	Clay
SR	Stratified		
ST	Stony		
STV	Very stony		
STX	Extremely stony		
		<i>Note:</i> Uppercase or lowercase use is acceptable.	<i>Reference:</i> National Soil Survey Interpretations Handbook, Draft, 1992 p. 80.

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