S-2-SOIL.C52

MZ7 (1992) Volume _____ Soil, f ____

S2. SOIL RECORD

Date _____ Intls _____ Comments _____

Color (Munsell) dry _____ wet _____

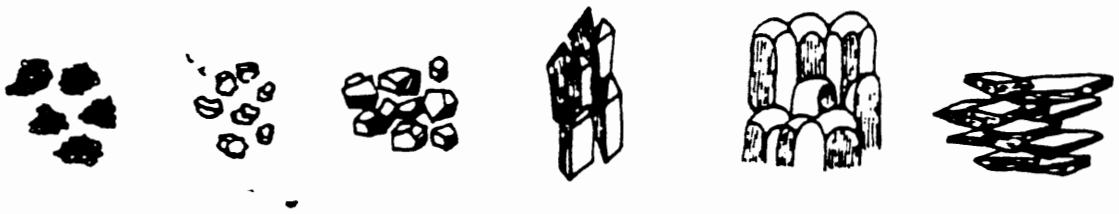
Texture Matrix

■ present
▨ partly present
□ absent

	grains detectable by hand & eye	leaves color on fingers	surface can be made to shine	when moist coheres into pellets	if dry, pellets break up & fall apart	pellets dry out hard	pellets can be molded into shapes	silty feel apparent	silty feel dominant	when dry rubs off as loose fine powder	when dry, blows away easily
clay	□	■	■	■	□	■	▨	□	□	□	□
sandy clay	■	■	▨	■	□	■	■	□	□	□	□
sandy clay loam	■	■	□	■	□	▨	▨	□	□	□	□
sandy loam	■	▨	□	▨	▨	□	□	□	□	□	□
loamy sand	■	▨	□	▨	□	□	□	□	□	□	□
sand	■	□	□	□	□	□	□	□	□	□	□
sandy silt loam	■	▨	□	▨	□	□	□	□	□	▨	▨
clay loam	□	■	□	■	□	▨	▨	□	□	□	□
silty clay	□	■	▨	■	□	■	■	▨	□	▨	□
silty clay loam	□	■	□	■	▨	▨	▨	■	▨	■	▨
silt loam	□	□	□	▨	□	□	□	■	■	■	■
	□	□	□	□	□	□	□	□	□	□	□

Structure

For individual peds:



	crumb	granular	blocky	prismatic	columnar	platy
fine	☐ < 2mm	☐ < 2mm	☐ < 1cm	☐ < 2cm	☐ < 2cm	☐ < 2mm (thin)
medium	☐ 2-5mm	☐ 2-5mm	☐ 1-2cm	☐ 2-5cm	☐ 2-5cm	☐ 2-5mm
coarse	☐ > 5mm	☐ > 5mm	☐ > 2cm	☐ > 5cm	☐ > 5cm	☐ > 5mm (thick)

For cluster of peds, when peds cannot be identified:

☐ massive: holds together as a coherent mass
☐ single grain: is incoherent and disintegrates into separate particles when disturbed

Estimated dominant, inorganic particle size (use Phi scale): _____

Structure of sedimentary unit: _____

Consistency

dry: ☐ hard (difficult to crush) ☐ soft (easy to crush)
wet: ☐ sticky (sticks to fingers if pressed) ☐ plastic (can be rolled into "worms")

Boundaries

	merging/sharp		smooth/wavy/irregular		
upper	☐	☐	☐	☐	☐
lower	☐	☐	☐	☐	☐