

Key for Estimating Infiltration (in/hr) for DuPage County Illinois.

NOTE: THIS KEY IS NOT FOR SUBSURFACE WASTE DISPOSAL DESIGN USE. 01/22/17

Parent Material and Structure	Loess and other windblown deposits; Outwash; Alluvium; Lacustrine; Residuum; Medium to Low-density Till				High-density Till
	Moderate or Strong Structure ¹ : Granular, Platy ² , Blocky, Prismatic, or Single Grain-Structureless		Massive-Structureless or Weak Structure		Massive-Structureless
Moist Consistence	lo; vfr; fr	fi	vfr; fr	fi	vfi or more
Texture or Special Group	A	B	C	D	E
1. Fragmental; Ext. or Very gravelly sand; Gravelly sand; Gravelly loamy sand; Coarse sand	30	N/A	N/A	N/A	N/A
2. Sand; Loamy coarse sand; Loamy sand	15	N/A	15	N/A	N/A
3. Fine sand; Loamy fine sand; Sandy loam (≥65% s) Gravelly sandy loam; Gravelly sandy clay loam	2	N/A	1.4	1.0	0.6
4. Sandy loam (<65% s); Fine sandy loam; Sandy clay loam (≥60% s); Gravelly loam	1.4	1.0	0.6	0.2	0.14
5. Silt; Silt loam (≥15% s); Loam; Sandy clay loam (<60% s)	1.0	0.6	0.3	0.14	0.06
6. Silty clay loam (<35% c) Clay loam (<35% c, >30% s); Silt loam (<15% s); Sandy clay (>55% s)	0.6	0.4	0.2	0.06	0.01
7. Silty clay loam (≥35% c); Clay loam (other than Group 6); Sandy clay (<55% s)	0.2	0.14	0.06	0.01	<0.001
8. Silty Clay; Clay (40-60% c)	0.14	0.06	0.01	0.001	<0.001
9. Clay (>60% c)	N/A	0.01	N/A	0.001	<0.001
10. Fragic Btx and Bx horizons ³	N/A	.03	N/A	N/A	N/A
11. Lithic, Organics	-SOIL PROPERTIES HAVE VERY SEVERE LIMITATIONS; SUBSURFACE LOADING NOT RECOMMENDED-				

1. Moderate or Strong structure Coarse in size or smaller.
2. Platy structure in Soil Texture Groups 5 and 6 should be rated as Massive- Structureless or Weak structure in appropriate Parent Material category.
3. Group 10 horizons typically have structure Very Coarse in size and Very Firm consistence.
4. Move up one texture group for gravelly and very gravelly modifiers.
5. N/A means Not Applicable

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