

Table J1a.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
ItF:														
Itmann-----	0-2	---	---	4-15	1.00-1.30	14.00-141.00	0.05-0.12	0.0-2.9	0.0-0.5	.32	.37	5	8	0
	2-65	---	---	4-15	1.00-1.30	14.00-141.00	0.05-0.12	0.0-2.9	0.0-0.5	.32	.43			
KaB:														
Kaymine-----	0-4	---	---	18-27	1.35-1.65	4.00-42.00	0.07-0.16	0.0-2.9	0.0-0.5	.32	.43	5	8	0
	4-65	---	---	18-27	1.35-1.65	4.00-42.00	0.07-0.16	0.0-2.9	---	.32	.43			
Wet Minesoil-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
KcF:														
Kaymine-----	0-4	---	---	18-27	1.35-1.65	4.00-42.00	0.07-0.16	0.0-2.9	0.0-0.5	.32	.43	5	8	0
	4-65	---	---	18-27	1.35-1.65	4.00-42.00	0.07-0.16	0.0-2.9	---	.32	.43			
Cedarcreek-----	0-2	---	---	18-27	1.35-1.65	4.00-42.00	0.07-0.16	0.0-2.9	0.0-0.5	.32	.43	5	8	0
	2-65	---	---	18-27	1.35-1.65	4.00-42.00	0.07-0.16	0.0-2.9	---	.32	.43			
Dekalb-----	0-5	---	---	10-20	1.20-1.50	42.00-141.00	0.08-0.12	0.0-2.9	2.0-5.0	.17	.24	2	8	0
	5-27	---	---	7-18	1.20-1.50	42.00-141.00	0.06-0.12	0.0-2.9	0.0-0.5	.17	.24			
	27-30	---	---	5-15	1.20-1.50	42.00-141.00	0.05-0.10	0.0-2.9	0.0-0.5	.17	.24			
	30-34	---	---	---	---	14.00-42.00	0.00-0.00	---	---	---	---			
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
KrF:														
Kaymine-----	0-4	---	---	18-27	1.35-1.65	4.00-42.00	0.07-0.16	0.0-2.9	0.0-0.5	.32	.43	5	8	0
	4-65	---	---	18-27	1.35-1.65	4.00-42.00	0.07-0.16	0.0-2.9	---	.32	.43			
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rock Outcrop-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	8	0
LlC:														
Lily-----	0-5	---	---	7-27	1.20-1.40	4.00-42.00	0.13-0.18	0.0-2.9	0.5-4.0	.28	.37	2	5	56
	5-19	---	---	18-35	1.25-1.35	14.00-42.00	0.12-0.18	0.0-2.9	0.1-0.5	.28	.28			
	19-39	---	---	20-35	1.25-1.35	14.00-42.00	0.08-0.17	0.0-2.9	0.1-0.5	.17	.24			
	39-43	---	---	---	---	0.42-1.40	---	---	---	---	---			
PBF:														
Pineville-----	0-5	---	---	15-25	1.00-1.30	4.00-14.00	0.10-0.16	0.0-2.9	0.5-5.0	.20	.24	5	8	0
	5-45	---	---	18-30	1.30-1.60	4.00-14.00	0.08-0.14	0.0-2.9	---	.15	.17			
	45-65	---	---	15-30	1.30-1.60	4.00-42.00	0.06-0.14	0.0-2.9	---	.15	.20			
Berks-----	0-4	---	---	5-23	1.20-1.50	4.00-42.00	0.08-0.12	0.0-2.9	2.0-4.0	.17	.32	3	8	0
	4-17	---	---	5-32	1.20-1.60	4.00-42.00	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24			
	17-25	---	---	5-20	1.20-1.60	14.00-42.00	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24			
	25-29	---	---	---	---	1.40-141.00	---	---	---	---	---			

