

Soil type

File No.

Soil type <u>Rumney</u>		Date <u>8-29-75</u>	Stop No.
Classification		Area <u>Town of Exeter - Arcadia Mgt. Area</u>	
Location <u>1600' S. of Rt. 165 - 1700' E. of Blitzkrieg Trail?</u>		<u>100' E. of wildlife clearing</u>	Elev. <u>130 FT.</u>
N. veg. (or crop) <u>Red maple, grasses, reeds</u>		Climate <u>R.I. COORDINATE GRID - (440,100 E.) (177,300 N)</u>	
Parent material <u>Fluvial deposits</u>			
Physiography			
Relief	Drainage	Salt or alkali	
Elevation	Gr. water	Stoniness	
Slope	Moisture		
Aspect	Root distrib.	% Clay *	
Erosion	% Coarse fragments *	% Coarser than V.F.S. *	
Permeability			

Additional notes Described by STUART & DITZLER

NOTE: This profile has a finer solum texture than most Rumney in R.I.

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Roots	C.F.	Dry		
O1	0-2	Undecomposed leaves + twigs								
O2	2-0	partially decomposed leaves, twigs + roots								
A1	0-2		10YR ² /1	Sil	1Fg _r	NEW FINE & MOD.	Ff	<2%	5.2	as
B21	2-7		10YR ³ /2	Sil	1Fg _r	FEW FINE & MOD.	Ff	<2%	5.4	cs
B22	7-11		10YR ³ /1	Sil	1Fg _r	"	Ff	<2%	5.4	cs
B23	11-17		10YR ⁴ /2	Sil	1Fg _r	"	Ff	<2%	5.4	as
IC1*	17-27		10YR ⁵ /3	cos	Sg	none	Loose	5%	5.4	as
IC2	27-30	(ORGANIC BAND)	10YR ² /2	60% O.M. - 40% S				<2%	5.4	as
IC3*	30-60	(BANDS OF S + Fg)	10YR ⁶ /3	SAND & FINE G.	Sg		Loose	20%	5.4	

* dark organic stains common.

↑ FINE gravel

NOT SUITABLE FOR DESCRIPTION

Soil type
Runney fs1
File No.

Soil type	Runney fs1	Date	4/21/76	Stop No.	3
Classification	Aeric Fluventic Hapludults	Area	Carolina Block R.I.		
Location	Just West of Lawrence River on photo I-58	Elev.	20 Ft		
N. veg. (or crop)	Wooded (Brushy)	Climate			
Parent material	Sandy alluvial deposits				
Physiography	Flood plain				
Relief	1 1/2 - Level	Drainage	PD	Salt or alkali	-
Elevation		Gr. water	24 inches	Stoniness	-
Slope	1%	Moisture	Moist		
Aspect		Root distrib.	A1, B21 = many fine + med B22 common fine + med	% Clay *	
Erosion	0	% Coarse fragments *	25% - non	% Coarser than V.F.S.*	
Permeability	Moderately rapid				
Additional notes	Coarse fragments				
	A1, B21 = 6%				
	B22 = 2%				
	TC = 25% ?				

BY
(Lloyd Garland)?

Horizon	Depth (inches)	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
01	4-2	Recent Litter								
02	2-0	Partially decomposed Litter								
A1	0-3	10YR 2/1		fs	1 fgr		fr		5.4	aw
B21	3-13	c2p=2.5YR 3/6 f.f=10YR 6/4	matrix=10YR 3/2	fs	2 mgr		fr		5.2	aw
B22	13-32	c2d=2.0YR 4/2 c1d=2.5Y 3/4	matrix=10YR 2/1	fs	massive → 1 mgr		fr		5.2	aw
T/C	32-44	Organic stains	7.5YR 4/4 10YR 2/1	grs	massive		fr		5.4	