

Soil type	Paxton		Date	23 Nov 75	Stop No.	
Classification			Area	Rhode Island	Primrose block	
Location	Sheet Qr18, E side of SW quadrant, E of Harris Road. (cont.)					
N. veg. (or crop)	Brushy regrowth of forest		Climate			
Parent material	Glacial fill					
Physiography	Drumlin (but outcrops nearby suggest fill is shallow)					
Relief	Normal	Drainage	Good	Salt or alkali	None	
Elevation	430'	Gr. water	None	Stoniness	Stony	
Slope	10%	Moisture	Moist			
Aspect		Root distrib.	Abund. to 6"; plant. to 25"	% Clay *		
Erosion	None or slight	% Coarse fragments * 15		% Coarser than V.F.S. *		
Permeability	Moderate					
Additional notes	This profile has weakly expressed pan, but this is quite common in Primrose block. Close association with 37 delineations here and elsewhere shows that fill does not have to be very thick. Pan seems independent of upper profile in some places. Paxton seems to tend (cont.)					

Soil type

Paxton

File No.

Horizon	Depth inches	Color		Texture	Structure	Consistence			Reaction	Bound- ary
		Dry	Moist			Dry	Moist	Wet		
	6-1	Spoil		from borrow pit						
O1	1-0	10YR 2/2								
A1	0-2	10YR 3/4		fsl	1vf sK		vfr	po so	4.8	cm
B21	2-6	7.5YR 4/4		fsl	1vf sK		vfr	po so	4.8	9cm
B22	6-10	10YR 5/8		fsl	1vf sK		vfr	po so	4.8	9cm
B3	10-25	10YR 5/6		fsl	1vf sK		fr	po so	4.8	9cm
C1x	25-31	10YR 5/4 2.5Y 4/2		sl	0		fr	po so	5.2	9cm
		slightly brittle in places								
C2x	31-45 <sup>+</sup>	10YR 5/4 tongues of 2.5Y 6/2		sl	0	parts parts	fr fi	po so	5.2	

Location

at northern margin of borrow pit  
at NW end of runway of airport,  
at border of BA and 67XB  
delineations.

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toward coarser C and greater degree  
of water sorting than Axtan.

Soil type <i>PAXTON FSL</i>		Date <i>11-18-66</i>	Stop No.
Classification		Area <i>DPH 54-15 ? KENT (ty.)</i>	
Location <i>OPEN Hole Behind House E. of Weaver Mill road, 500' from Fitch Hill Rd.</i>		Elev.	
N. veg. (or crop) <i>WOODLAND: W. Pine</i>		Climate <i>R. maple, W. Oak, R. Oak, G. yellow</i>	
Parent material			
Physiography <i>UPLAND</i>			
Relief <i>Gentle slope</i>	Drainage <i>WELL</i>	Salt or alkali	
Elevation	Gr. water <i>-</i>	Stoniness <i>X</i>	
Slope <i>3-8%</i>	Moisture		
Aspect <i>E.</i>	Root distrib.		
Erosion <i>NORMAL</i>			
Permeability <i>Mod.</i>			
Additional notes <i>Pan depth VARIES 28" - 36" inf.</i>			
<i>1) few small firm silt pebbles - Breaks into soft irreg clods</i>			

Soil type

Bivot

Fitch

File No.

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Thick Dry	Moist	Co. St. Wet		
O <sub>1</sub>	2-1	LOOSE LEAVES + TWIGS + PART DECOMP. O.M.								
O <sub>2</sub>	1-0	10YR 2/1-2 Well decomp. O.M.								
A <sub>1</sub>	0-4"		10YR 3/4	FSL.	1 fqr	3-5"	M/vr		4.5	As
B <sub>21</sub>	4-12"		10YR 5/8	FSL	1 fqr	6-8"	M/vr	+ cobbles 2-5%	4.5	qw
B <sub>22</sub>	12-19		10YR 6/6	Fsl	0 fqr	7-12"	M/vr	5%	5.0	cw
C <sub>1</sub>	19-28	struck lower 2.5Y 5/4 part intermingled	2.5Y 5/2 - 6/2	SL.	OM	6-10"	M/vr	5-10	5.5	qw
C <sub>x2</sub>	28-47"	+ MANY lenses + pockets M/vf sil 3Y 5/2	10YR 7/2 SL	SL	OM		M/vf	15-20	6.0	
								platy irreg - rods		

Breaks to coarse  
5-6" mott. 10YR 3/5-6 in center of horizon

Soil type		Paxton FSL	Date	4/21/67	Stop
Classification		ENTIC FRAGIORTHOD		Area BURRILLVILLE, R.I.	
Location		EXCAVATION (vt, BACKYARD, O. SPINK		DPT 6H-56	
N. veg. (or crop)		WOODLAND		Elev.	
Parent material		Climate			
Physiography		UPLAND			
Relief	Near level to Mod. Steep	Drainage	WELL		Salt or alkali
Elevation	-	Gr. water	-		Stoniness
Slope	BC	Moisture			
Aspect	South	Root distrib.	Common, fine + coarse in "A-B," NONE in "C"		
Erosion		-			
Permeability		Mod. to high in Solon, Slow in Substratum			
Additional notes		Packet 2.5y 5/4 SL extending into "C" at 32", 1 foot left of this profile.			

Soil type

File No.

SCS-232A-Soil Description—Rev. 7-15-56

IN LEGEND

DAIGLE

OK except, Fragipan generally finer than sand

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet Const.		
A <sub>1</sub>	0-3"		10YR 3/3	FsL	1 fgr	M-fr		2%		AS
B <sub>21</sub>	3-11"		10YR 5/8	FSL	OM(1)	M-fr		5-10%		gs
B <sub>22</sub>	11-22"		10YR 5/6	FSL	"	M-fr		10-15%		AS
C <sub>1x</sub>	22-31"	Mottles 10YR 5/4 f2d	10YR 7/1 CoS 5Y 5/2	Fs + vfs	OM(2)	M-fi		15-20%		ds
C <sub>2x</sub>	31-42"	"	"	+ few silt packets (5Y 5/1)	OM(3)	M-vfi		"		

(1) breaks to soft medium - coarse silt clods + granules  
+ medium to coarse granules

(2) breaks to s.g. + medium to coarse granules

(3) Explosively to s.g., m-vfi silt clods + granules

Dan

Soil type		Paxton 55L - moderately deep		Date	6/14/74	Stop No.	
Classification		Just inside of North boundary		Area			
Location		Wood Hill Reservation - Westerly, R.I., 2,000 ft. South of Bradford.					
N. veg. (or crop)		Climate					
Parent material							
Physiography							
Relief		Drainage		Soil		Salt or alkali	
Elevation		Gr. water		Deep		Stoniness	
Slope		Moisture		A			
Aspect		Root distrib.		West			
Erosion							
Permeability							
Additional notes		slow 20-30% angular fragments # this profile is moderately deep and is out of range for Paxton Series					

Soil type

File No.





Soil type Paxton fsl		Date 7-10-74	Stop No.
Classification		Area TOWN OF RICHMOND	
Location 75' W. of Picnic area on Rt. 2 - 200' N. of SHANNOCK HILL RD			
N. veg. (or crop) W. Pine + UPLAND OAK		Climate	
Parent material Glacial till			
Physiography			
Relief		Drainage well	Salt or alkali
Elevation		Gr. water	Stoniness stony
Slope 10%		Moisture	
Aspect NW		Root distrib.	
Erosion			
Permeability			
Additional notes			
WOODLAND - SOIL INDEX SITE			
described by E. STUART			

Soil type

File  
No.

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			C. Frag. Dry	Moist	Roots Wet		
O1	2-0"	partially decomposed leaves + twigs								
A1	0-1		10YR 4/1	fsl	lfgr	1%	vfr	Common finer M.	4.6	as
B21	1-5		10YR 4/4	fsl	lfsbk	1%	vfr	Common finer M.	4.6	CS
B22	5-13		10YR 5/6	fsl	lfsbk	5%	vfr	Common fine	4.8	CS
B23	13-20		10YR 6/6	fsl	lmsbk	(pebbles) 5%	fr	few fine	5.0	CS
C1	20-23		2.5Y 6/4	fsl	lmsbk	10% pebbles	fr.	few fine	5.0	CS
C2x	23-50"		2.5Y 6/2	sl	1mpl	18%	fi	none	5.0	
		lined to large lenses of 10YR 6/6 sil at 26-30" depth								

Dian

Soil type	Paxton fsl.		Date	10/18/74	Stop No.
Classification			Area		
Location	westerly-woody Hill Management Area, F-62 - site index #18				
N. veg. (or crop)	Larch - 36-38 years old		Climate		
Parent material	Till				
Physiography					
Relief	Drainage		well		Salt or alkali
Elevation	Gr. water		deep		Stoniness
Slope	B - 4%		Moisture		Non-stony
Aspect	Northwest - 320°		Root distrib.		
Erosion					
Permeability	slow - very slow				
Additional notes	Stand of Larches - S.I. 80				

Soil type

File No.

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Bound-ary
		Dry	Moist			Dry	Moist	Wet		
		coarse fragments								
O1	2-0"		10							
AP	0-6"	few rocks at base - 2-6" size	10YR 4/4	SSL	1 1/2 gr.		fr.		5.0	sm. clay
B21	6-23"	5% 4-8" size	10YR 5/6	SL	1 m sbk.		fr.		5.2	slight gradual
B3	23-33"	7% 4-8"	10YR 6/4 cat 10YR 5/3	SSL	2 m sbk.		fr.		5.2	at.
CX	33"-54"		10YR 5/3	SSL	2 m platy		vfr.		5.4	

Soil type <b>PAXTON</b>		Date <b>4-15-75</b>	Stop No.
Classification		Area	
Location <b>EXETER - Road cut on N. side of Pardon Joslin Rd, 250' W. of Jct. with</b>			
N. veg. (or crop) <b>W. PINE, RED &amp; WHITE OAK</b>		Climate <b>Hopkins Hill Rd.</b>	
Parent material <b>GLACIAL TILL</b>			
Physiography <b>GLACIATED UPLANDS</b>			
Relief	Drainage <b>WELL DRAINED</b>	Salt or alkali	
Elevation <b>420 ft.</b>	Gr. water	Stoniness <b>Few 1-3' diam.</b>	
Slope <b>2%</b>	Moisture		
Aspect <b>WEST</b>	Root distrib.		
Erosion			
Permeability			
Additional notes <b>Described by B. Laskey &amp; E. Stuart</b>			

Soil type

File No.

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			ROOTS Dry	Moist	C.F. Wet*		
O <sub>1</sub>	(5-25) 2-1"									
O <sub>2</sub>	(25-0) 1-0									
A <sub>1</sub>	(0-25) 0-1"									
B <sub>21</sub>	(25-31) 1-12"									
B <sub>22</sub>	(31-46) 12-18"									
B <sub>23</sub>	(46-58) 18-23"									
	(58-48) 23-38"									
C <sub>2X</sub>	(48-158) 33-60"									

UNDECOMPOSED LEAVES + TWIGS

PARTIALLY DECOMPOSED LITTER

10 YR 2/1

FSL

1FGR

COMMON FINE

BFR

5%

4.6

as

10 YR 5/6

SL

1FGR

COMMON FINE/THICK

BFR

8%

5.0

CS

10 YR 5/4

SL

1MGR

"

BFR

12%

5.2

CS

2.5 YR 5/4

SL

2MGR

FEW FINE

Fi

10%

5.2

CS

5 YR 5/4

SL

2 CPL

NONE

Fi

8%

5.2

CS

5 YR 1/2

SL

1 FPL

"

Fi

15%

5.2

\*NOTE LOWER HALF OF A<sub>1</sub> IS WEAK A<sub>2</sub> (TOO WEAK TO CUT OUT)

\* Coarse Fragments are generally 1/2 - 2 cm in diameter

Soil type PAXTON Date 4-18-75 Stop No.

Classification Entic Fragioorthod Area

Location EXETER, In laid out subdivision, 800' W. of Slocumville Rd., 1800' N. of Reynolds Rd.

N. veg. (or crop) White + Red Oak, Wh. Pine Climate

Parent material Glacial fill

Physiography

Relief Drainage Well Salt or alkali

Elevation Gr. water Stoniness few

Slope 1% Moisture

Aspect SW Root distrib.

Erosion

Permeability

Additional notes Described in backhoe pit with groundwater test well installed.

Described by D.G. Sprankle, & E. STUART

Soil type

File No.



Horizon	Depth in (cm)	Color		Texture	Structure	Consistence			Reaction	Boundary
		-Dry	Moist			Roots Dry	Moist	Wet		
O1	1-0 (2.5-0)	partially decomposed		forest	litter			0% CF.		
A1	0-5 (0-12.5)	5YR 3/2		fsl	lfgr	common med-fine	vfr	3	5.4	CS
B21	5-15 (12.5-38)	7.5YR 4/4		fsl	lfgr	common med-fine	vfr	5	5.6	gs
B22	15-23 (38-58)	10YR 5/6		fsl	lfsbk	few fine	fr.	5	5.0	CS
Cx1	23-32 (58-81)	matrix (crushed) →	5Y 5/3	sl	impl	none	fi	10	5.2	cw
		intermingled →	10YR 5/4							
Cx2	32-60 (81-152)	intermixed	10YR 5/4 10YR 5/3 10YR 6/2	sl	impl	none	vfi	15	5.2	

Cx1 - lenses and pockets of fsl

Note: A profile nearby had silt loam texture to a depth of 40+ inches.



Soil type  
PAXTON

File No.  
9

Soil type		Date	8/17/76	Stop No.
Classification		Paxton		
Area				
Location				
Burrillville, RT. OFF DIRT ROAD 1200' EAST OF BRANCH RIVER				
N. veg. (or crop)		Climate		
Parent material				
Physiography				
Relief		Drainage		Salt or alkali
Elevation		Gr. water		Stoniness
Slope		Moisture		
2%				
Aspect		Root distrib.		
Erosion				
Permeability				
Additional notes				

Described by Dean Pector + Dale Sprankle

many big boulders

Samples 9+10

Vegetation: Red oak, well drained, witch hazel, Red maple, Indian

cucumber + winter Green WOODLAND SITE # 23

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Coarse Dry frag.	Moist	ROOTS Wet		
O1	2-1	Loose leaves - red oak + Witch Hazel								
O2	1-0	Decayed leaves								
A1	0-5		10YR 2.5/1		1 fgr	2%	vfr	many fine	4.8	grw
B21*	5-15	9	10YR 5/4	fsl	1 fskb	5%	fr	common fine	5.0	grw
B22	15-25		10YR 5/6	fsl	1 fskb	10%	fr	few fine	5.2	cw
C1	25-31		2.5Y 5/4	grsl	MASSIVE	20%	fr	none	5.2	grw
Cx*	31-60	10	2.5Y 5/2	grsl	MASSIVE	25%	vfr in place	none	5.2	
*ENGINEERING SAMPLES										