

# Soil Test Pit Log

Project: PR&R Development LLC  
 Logged by: Jeff Olesky, P.E.  
 Location: Observatory Rd., Hinesburg, VT

Test Pit #: 22  
 Method: Excavator  
 Slope/Position: ±2%, See Site Plan

Date: 7/10/2023  
 Time: 9:00 AM  
 Weather: Cloudy, 70°

HORIZON	DEPTH (INCHES)	MATRIX COLOR	OTHER COLOR	TEXTURE	STRUCTURE	CONSISTENCE	COMMENTS
O	0-4	10YR/3/3	N/A	SL	GR (M)	Friable	Topsoil, loose
A	4-12	10YR/3/3	N/A	SL	GR (M)	Friable	Loose
B	12-34	10YR/4/6	N/A	SL w/ Gravel	GR (M)	Friable	Loose, gravelly, well drained
B	34-48	2.5Y/5/3	N/A	S w/ Gravel	GR (M)	Friable	Loose, gravelly, well drained
B	48-60	2.5Y/5/2	2.5Y/3/2	FS w/ Gravel	SBK (M)	Firm	Slightly Compact; Many, Medium, Faint Mottles; No Ledge or Water to Depth; SHWT Estimated @ 54"

Texture - Coarse Sand (COS), Sand (S), Fine Sand (FS), Very Fine Sand (VFS), Loamy Coarse Sand (LCOS), Loamy Sand (LS),  
 Loamy Very Fine Sand (LVFS), Coarse Sandy Loam (COSL), Sandy Loam (SL), Fine Sandy Loam (FSL), Very Fine Sandy Loam (VFSL), Loam (L),  
 Silt Loam (SIL), Silt (SI), Sandy Clay Loam (SCL), Clay Loam (CL), Silty Clay Loam (SICL), Sandy Clay (SC), Silty Clay (SIC), Clay (C)  
 Structure - Single Grain (SG), Granular (GR), Massive (MA), Platy (PL), Prismatic (PR), Angular Blocky (ABK), Subangular Blocky (SBK)  
 Structure Development - Strong (S), Moderate (M), Weak (W)

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Date: 7/10/2023  
 Time: 9:00 AM  
 Weather: Cloudy, 70°

HORIZON	DEPTH (INCHES)	MATRIX COLOR	OTHER COLOR	TEXTURE	STRUCTURE	CONSISTENCE	COMMENTS
O	0-4	10YR/3/2	N/A	SL	GR (M)	Friable	Topsoil, loose
A	4-10	10YR/3/3	N/A	SL	GR (M)	Friable	Loose
B	10-30	10YR/4/6	N/A	SL w/ Gravel	GR (M)	Friable	Loose, gravelly, well drained
B	30-47	2.5Y/5/2	N/A	S w/ Gravel	GR (M)	Friable	Loose, gravelly, well drained
B	47-58	2.5Y/5/2	2.5Y/3/4	FS w/ Gravel	SBK (M)	Firm	Slightly Compact; Many, Medium, Faint Mottles; No Ledge or Water to Depth; SHWT Estimated @ 50"

Texture - Coarse Sand (COS), Sand (S), Fine Sand (FS), Very Fine Sand (VFS), Loamy Coarse Sand (LCOS), Loamy Sand (LS),  
 Loamy Very Fine Sand (LVFS), Coarse Sandy Loam (COSL), Sandy Loam (SL), Fine Sandy Loam (FSL), Very Fine Sandy Loam (VFSL), Loam (L),  
 Silt Loam (SIL), Silt (SI), Sandy Clay Loam (SCL), Clay Loam (CL), Silty Clay Loam (SICL), Sandy Clay (SC), Silty Clay (SIC), Clay (C)  
 Structure - Single Grain (SG), Granular (GR), Massive (MA), Platy (PL), Prismatic (PR), Angular Blocky (ABK), Subangular Blocky (SBK)  
 Structure Development - Strong (S), Moderate (M), Weak (W)

# Soil Test Pit Log

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 Location: Observatory Rd., Hinesburg, VT

Test Pit #: 24  
 Method: Excavator  
 Slope/Position: ±2%, See Site Plan

Date: 7/10/2023  
 Time: 9:00 AM  
 Weather: Cloudy, 70°

HORIZON	DEPTH (INCHES)	MATRIX COLOR	OTHER COLOR	TEXTURE	STRUCTURE	CONSISTENCE	COMMENTS
O	0-3	10YR/3/3	N/A	SL	GR (M)	Friable	Topsoil, loose
A	3-8	10YR/3/3	N/A	SL	GR (M)	Friable	Loose
B	8-40	10YR/4/6	N/A	SL	GR (M)	Friable	Loose, well drained
B	40-60	2.5Y/5/4	N/A	S w/ Gravel	GR (M)	Friable	Loose, gravelly, well drained; No Ledge, Water or SHWT to Depth

Texture - Coarse Sand (COS), Sand (S), Fine Sand (FS), Very Fine Sand (VFS), Loamy Coarse Sand (LCOS), Loamy Sand (LS),  
 Loamy Very Fine Sand (LVFS), Coarse Sandy Loam (COSL), Sandy Loam (SL), Fine Sandy Loam (FSL), Very Fine Sandy Loam (VFSL), Loam (L),  
 Silt Loam (SIL), Silt (SI), Sandy Clay Loam (SCL), Clay Loam (CL), Silty Clay Loam (SICL), Sandy Clay (SC), Silty Clay (SIC), Clay (C)  
 Structure - Single Grain (SG), Granular (GR), Massive (MA), Platy (PL), Prismatic (PR), Angular Blocky (ABK), Subangular Blocky (SBK)  
 Structure Development - Strong (S), Moderate (M), Weak (W)

# Soil Test Pit Log

Project: PR&R Development LLC  
 Logged by: Jeff Olesky, P.E.  
 Location: Observatory Rd., Hinesburg, VT

Test Pit #: 25  
 Method: Excavator  
 Slope/Position: ±2%, See Site Plan

Date: 7/10/2023  
 Time: 9:00 AM  
 Weather: Cloudy, 70°

HORIZON	DEPTH (INCHES)	MATRIX COLOR	OTHER COLOR	TEXTURE	STRUCTURE	CONSISTENCE	COMMENTS
O	0-4	10YR/3/2	N/A	SL	GR (M)	Friable	Topsoil, loose
A	4-12	10YR/3/2	N/A	SL	GR (M)	Friable	Loose
B	12-38	10YR/5/6	N/A	SL	GR (M)	Friable	Loose, well drained
B	38-54	2.5Y/5/4	N/A	S w/ Gravel	GR (M)	Friable	Loose, gravelly, well drained; No Ledge, Water or SHWT to Depth

Texture - Coarse Sand (COS), Sand (S), Fine Sand (FS), Very Fine Sand (VFS), Loamy Coarse Sand (LCOS), Loamy Sand (LS),  
 Loamy Very Fine Sand (LVFS), Coarse Sandy Loam (COSL), Sandy Loam (SL), Fine Sandy Loam (FSL), Very Fine Sandy Loam (VFSL), Loam (L),  
 Silt Loam (SIL), Silt (SI), Sandy Clay Loam (SCL), Clay Loam (CL), Silty Clay Loam (SICL), Sandy Clay (SC), Silty Clay (SIC), Clay (C)  
 Structure - Single Grain (SG), Granular (GR), Massive (MA), Platy (PL), Prismatic (PR), Angular Blocky (ABK), Subangular Blocky (SBK)  
 Structure Development - Strong (S), Moderate (M), Weak (W)