

SOIL EVALUATION REPORT- Berning

NAME: Andrew Deluca

INVESTIGATION NO.: 23-191

ADDRESS: asdb138@yahoo.com

OWNER: Andrew Deluca

CITY:

COUNTY: Monroe, Ill.

SITE: 2.5 acre lot west of D rd. north of Trout Hollow

DATE: July 21, 2023

DETAILED SOIL DESCRIPTION AND INTERPRETATION OF SITE NUMBER: site 1

Depth (inches)	Matrix color	Texture	Redox colors	Structure	Consistence	Coatings	N o t e	Loading rate GPD/square ft.
0-7	10YR 5/3	Silt loam		Mod. Fine granular	Friable			0.62
7-13	10YR 4/4	Silty clay loam <35% clay		Moderate fine Subangular blocky	firm			0.52
13-30	10YR 4/4	Silty clay loam <35% clay		Moderate med. Subangular blocky	firm	common clay deplet.		0.52
30-48	10YR 4/4	Silty clay loam <35% clay		Moderate med. Subangular blocky	friable	Few clay deplet.		0.62
48-55	10YR 5/4	Silty clay loam <35% clay		Moderate med. Subangular blocky	Friable	Few clay deplet.		0.62
55-60	10YR 5/4	Silt loam		Moderate med. Subangular blocky	friable			0.69

Limiting Layer: None within 60 inches

Depth: deep

Slope: 2-5 %

Physiography: upland side slope

Parent Material: loess

Estimated Drainage: well Drained

Distance to Waters of US: N/A

Remarks : **No place on this lot is within 75 feet of the rim of a sink hole. The lydar shows no closed depressions in the area west of D rd.** Investigations were performed to assess suitability for installation of private sewage disposal systems. Slope measurements were made using a clinometer and are approximate. Distance measurements as represented on the site map are also approximated. More accurate slope measurements, if needed, are the responsibility of the client. Textures are estimated in the field. I do not warrant the operation or proper functioning of the installed system .