DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet ___ of ___
PROPERTY ID #:
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: Daniel Ford
ADDRESS: 75317 Chusewater Dr. Harrisburg, NC
PROPOSED FACILITY: 3BR House PROPOSED DESIGN FLOW (.1949): 360 GPD
LOCATION OF SITE: 114 High Springs Court Statesville

APPLICATION DATE 5/11/16
DATE EVALUATED: 9-13-16
PROPERTY SIZE: 1,225 ac
PROPERTY RECORDED: Yes

WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other Shared Well
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

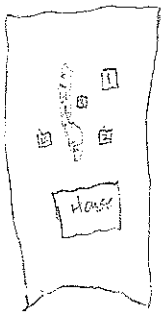
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON – DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	HS 16%	0-12"	Loam (Br) w. SBK	Friable, SS, SP, SEXP	—	49	—	—	0.250 @ 30" PS
		12-30	Clay moderate ABK	Sl. Firm, SS, SP, SEXP					
		30-49	Y-Br clay Loam w. SBK/ABK	Sl. Firm, SS, SP, SEXP					
		49-63	Clay Loam → Loamy Saprolite of Igneous Rock Massive	Sl. Firm → Friable + Poorly Drained	7.5YR 3/4				
2	HS 16%	0-17	Loam (BR-YB) W. SBK	Friable, SS, SP, SEXP	—	63	—	—	0.25 30-36" PS
		17-38	R. clay m. SBK/w. ABK	Firm, SS, SP, SEXP					
		38-55	R Clay w. SBK w/ micaceous	Sl. Firm, SS, SP, SEXP					
		55-63	BR-Y Clay Loam v. weak SBK + some saprolite	Sl. Friable, SS, SP, SEXP					
3	LSS 16%	0-11	Loam v. weak SBK	Friable, SS, SP, SEXP	Gravel Qtz layer @ ≈22-24 —	34	—	—	0.325 PS
		11-23	Br Clay. w/ SBK	Sl. Firm, SS, SP, SEXP					
		23-34	Clay Loam. w/ SBK + Saprolite	Friable, SS, SP, SEXP					
		34-65	MA Sandy Saprolite	Very Friable, + very well drained					
4	LSS 16%	0-7	Loam v. weak SBK	Friable, SS, SP, SEXP	—	32	—	—	0.35 PS
		7-18	R. Clay m. SBK	Sl. Firm, SS, SP, SEXP					
		18-32	R. Clay Loam w. SBK + Saprolite	Friable, SS, SP, SEXP					
		32-66	MA Sandy Saprolite	Very Friable + well Drained					

360

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	Yes	Yes
System Type(s)	25% reduction	50% reduction
Site LTAR	0.25	0.325

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: —

COMMENTS:



48
66
72
83
269 ft

L6 7.4
L1 1.6
5.8

0.16
36 | 5.8
16'
slope

L1 D: 48'
L2 W: 66'

