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 — APPLICATION DATE 5-11-16
ADDRESS: — DATE EVALUATED: 9-13-16
PROPOSED FACILITY: 3BR House — PROPOSED DESIGN FLOW (.1949): 360 GPD — PROPERTY SIZE:
LOCATION OF SITE: 113 High Springs Ct. Statesville, NC — 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	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	HS 10%	0-9	Br. Loam v. weak SBK	Sl. Friable, SS, SP, SOM	—	57	—	—	0.325 PS
		9-27	R. Clay w. ABK w/ mica	Sl. Firm, SS, SP, SOM					
		27-57	R. Clay Loam w. SBK w/ Saprolite & Quartz	Friable, SS, SP, SOM					
		57-63	Loamy Saprolite (Gneiss) 24"-40"	Very Friable + Well Drained					
2	LSS 12%	0-6	Br. Loam V. Weak SBK	Sl. Friable, SS, SP, SOM	Qtz gravel layer 23-25"	43	—	—	0.325 PS
		6-26	R. Clay m. ABK	Sl. Firm, SS, SP, SOM					
		26-43	R. Clay Loam w. SBK & Saprolite	Friable, SS, SP, SOM					
		43-64"	MA Sandy Saprolite	Very Friable + Well Drained					
3	LSS 6%	0-7	Br. Loam V.W. SBK	Sl. Friable, SS, SP, SOM	—	62	—	—	0.3 PS
		7-25	Br. Clay w. ABK/SBK	Sl. Firm, SS, SP, SOM					
		25-62	Br. Clay Loam w. SBK (Some Saprolite)	Friable, SS, SP, SOM					
4	LSS 6%	0-12	Br Loam V. W. SBK	Sl. Friable, SS, SP, SOM	—	66	—	—	0.30 PS
		12-30	R. Clay m. SBK/ABK	Sl. Firm, SS, SP, SOM					
		30-46	Br. Clay Loam w. SBK	Friable, SS, SP, SOM					
			w. some Saprolite 46"						

300

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (1945)	Yes	Yes
System Type(s)	25% reduction	50% reduction
Sys. LTAR	0.3	0.3

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

COMMENTS:

L1 O = 28' 5.24'

L2 W = 62' 6.02'

L3 B = 70' 0.72'

L4 O = 79' 7.87'

239

L5 W = 79' 8.8

318 ok



