DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 2
PROPERTY ID #:
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Robert Brown
ADDRESS:
APPLICATION DATE: 7/10
DATE EVALUATED: 7/10
PROPOSED FACILITY: 4BR PROPOSED DESIGN FLOW (.1949): 480 gpd
LOCATION OF SITE: Garden Valley Road
PROPERTY SIZE: 5.59ac
PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other
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
P 1	4 15%	0-7	Bsl gr	FrSSSPSExP		36	PS	—	PS
		7-12	BR scl wfsbk	" " " "					
		12-36	Re-cl wfsbk	" " " "	f-c sap/we				0.3
		36-70	varig l-sl mass	" " " "	f clay/incl.				
P 2	4 15%	0-8	Bsl gr	FrSSSPSExP		44	PS	—	PS
		8-18	BR scl wsbk	" " " "					
		18-44	R-Re cl mfsbk	" " " "	c sap fWR				0.3
		44-72	varig l-sl mass	" " " "					
P 3	4 15%	0-6	Bsl gr	FrSSSPSExP		44	PS	—	PS
		6-13	BR scl-cl wfsbk	" " " "					
		13-44	Re-cl mfsbk	" " " "	f-c sap				0.35
		44-70	varig l-sl mass	" " " "					
P 4	4 15%	0-3	Bsl gr	FrSSSPSExP		40	PS	—	PS
		3-10	BR scl wfsbk	" " " "					
		10-40	Re-cl mfsbk	" " " "	f sap				.35
		40-70	varig l mass	" " " "	f clay/incl				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Samuel A Rollans
OTHER(S) PRESENT:

COMMENTS: Soil Horizon boundaries were wavy.

SOIL/SITE EVALUATION

(Continuation Sheet)

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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
P5	4, 15%	0-4	Bslgr	Fr SS SP SEXP					
		4-10	BR scl-cl mfsbk	" " " "		36	PS	-	PS
		10-36	Rc-cl mfsbk	" " " "	-f-c sap/WR				0.3-
		36-70	varig l-sl mass	" " " "	-f. clay lnd.				.35

COMMENTS:



Roger Shew ← Mooresville Meat Center
(704) 873-0980 (m) over 30 yrs