

**SOIL/SITE EVALUATION  
 for ON-SITE WASTEWATER SYSTEM**

Owner: *W 777 Construction* Applicant: *Edward Averett*  
 Address: *Lot 33 Mineral Spring Rd* Date Evaluated: *12/09/16*  
 Proposed Facility: *432 540* Design Flow (.1949): *480 gal/day*  
 Location of Site: *Ave 7 Pond* Property Recorded: *PCS* Property Size: *0.49 Ac*  
 Water Supply:  Public  Individual  Well  Spring  Other  
 Evaluation Method:  Auger Boring  Pit  Cut  
 Type of Wastewater:  Sewage  Industrial Process  Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	<i>L 49%</i>	<i>0-12</i>	<i>SL Gr.</i>	<i>Fr. SS SP SE GP</i>					<i>PS</i>
		<i>12-48</i>	<i>SCU BK</i>	<i>F. S P SE GP</i>		<i>48"</i>			<i>0.3</i>
2	<i>L 49%</i>	<i>0-10</i>	<i>SL Gr.</i>	<i>Fr. SS SP SE GP</i>					<i>PS</i>
		<i>10-48</i>	<i>SCU BK</i>	<i>F. S P SE GP</i>	<i>42" 7.5% 2/1</i>	<i>48"</i>		<i>PM</i>	<i>0.3</i>
3	<i>L 49%</i>	<i>0-26</i>	<i>SL Gr.</i>	<i>Fr. SS SP SE GP</i>					<i>PS</i>
		<i>26-48</i>	<i>SCU BK</i>	<i>F. S P SE GP</i>		<i>48"</i>			<i>0.3</i>

Description	Initial System	Repair System	Other Factors (.1946): <i>NONE</i> Site Classification (.1948): <i>Provisionally suitable</i> Evaluated By: <i>Andrew Curran, REHS - I</i> Others Present: <i>James Manhart, REHS</i>
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<i>25% Red.</i>	<i>50% Red.</i>	
Site LTAR	<i>0.3</i>	<i>0.3</i>	

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1									
2									
3									

*PITS  
 WITH  
 ANDREWS*

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Available Space (.1945)			
System Type(s)			
Site LTAR			



COMMENTS: \_\_\_\_\_

<u>LANDSCAPE POSITIONS</u>	<u>GROUP</u>	<u>TEXTURES</u>	<u>.1955 LTAR</u>	<u>CONSISTENCE MOIST</u>	<u>WET</u>	
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY	
S-SHOULDER SLOPE		LS-LOAMY SAND				
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FR-FRIABLE	SS-SLIGHTLY STICKY	
FS-FOOT SLOPE		L-LOAM		FI-FIRM	S-STICKY	
N-NOSE SLOPE		SI-SILT		SIL-SILT LOAM	VFI-VERY FIRM	VS-VERY STICKY
H-HEAD SLOPE					CL-CLAY LOAM	EFI-EXTREMELY FIRM
CC-CONCLAVE SLOPE	III	SCL-SANDY CLAY LOAM	0.6 - 0.3		SP-SLIGHTLY STICKY	
CV-CONVEX SLOPE						P-PLASTIC
T-TERRACE						VP-VERY PLASTIC
FP-FLOOD PLAN	IV	SIC-SILTY CLAY	0.4 - 0.1			
		C-CLAY				
		SC-SANDY CLAY				

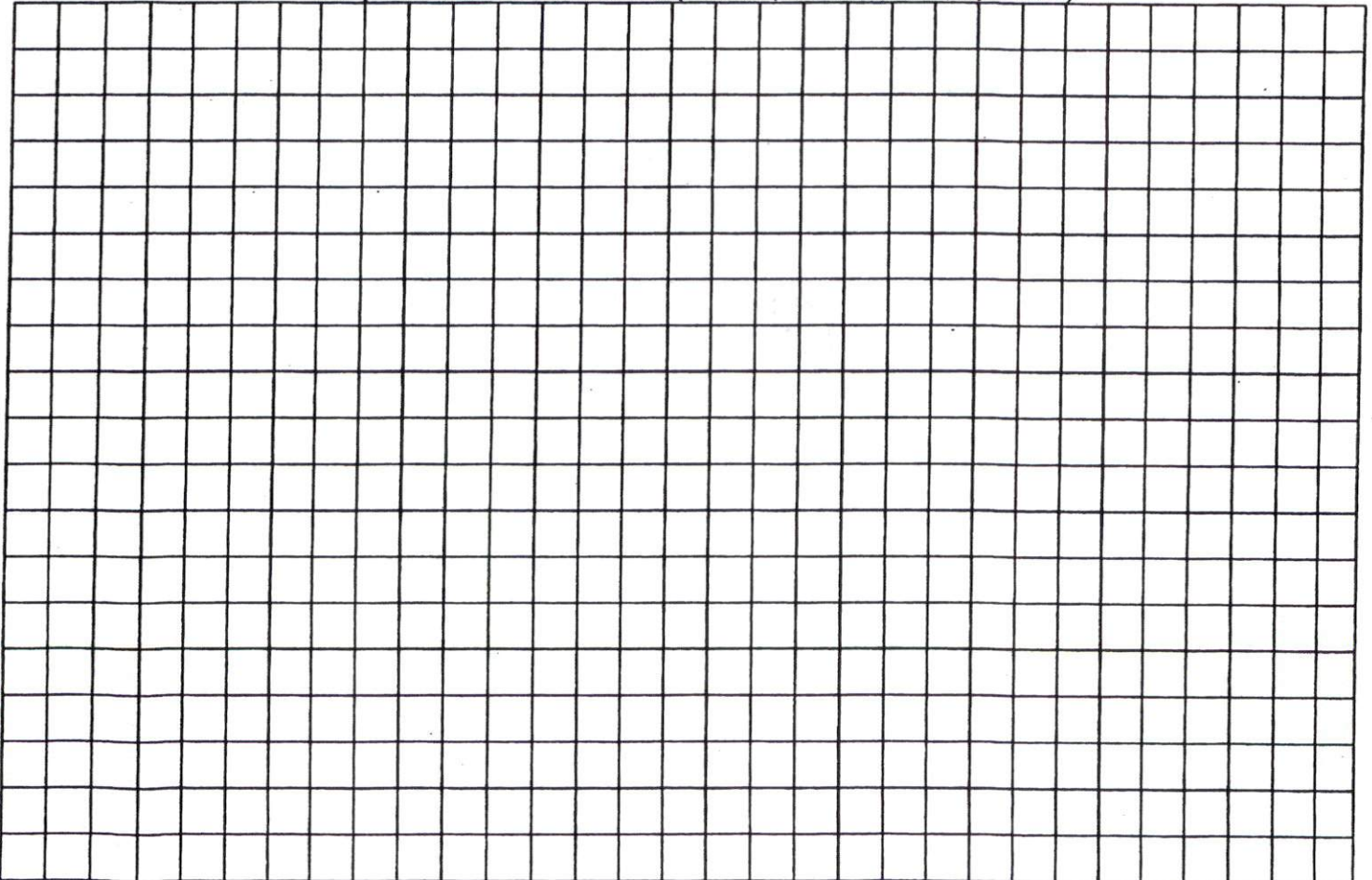
STRUCTURE

- SG-SINGLE GRAIN
- M-MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

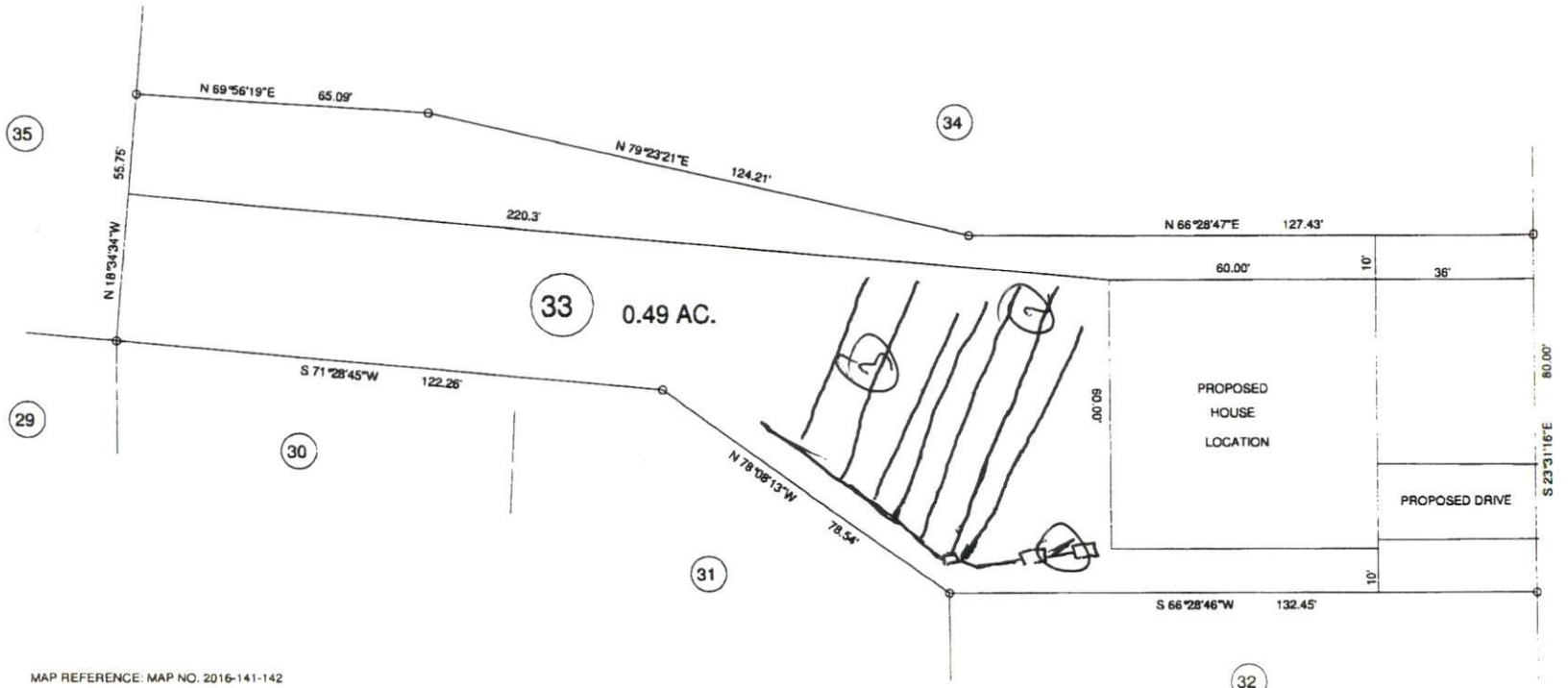
MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)



MAP NO 2016-141-142

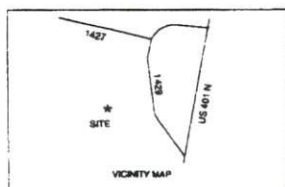


"MINERAL SPRING LANE" 50' R/W

Low Contour  
High

MAP REFERENCE: MAP NO. 2016-141-142

- MINIMUM BUILDING SETBACKS**
- FRONT YARD — 35'
  - REAR YARD — 25'
  - SIDE YARD — 10'
  - CORNER LOT SIDE YARD — 20'
  - MAXIMUM HEIGHT — 35'



SURVEY FOR: <b>PROPOSED PLOT PLAN - LOT - 33</b> <b>"AVERY POND S/D", PHASE - 1</b>		<b>BENNETT SURVEYS</b> F-1304 1662 CLARK RD., LILLINGTON, N.C. 27546 (910) 893-5252	
TOWNSHIP	HECTOR'S CREEK	COUNTY	HARNETT
STATE	NORTH CAROLINA	DATE	OCTOBER 11, 2016
ZONE	WATERSHED DISTRICT	TAX PARCEL ID#	PRN #
		SCALE: 1" = 40'	SURVEYED BY:
			DRAWN BY: RVB
		CHECKED & CLOSURE BY:	FIELD BOOK
			DRAWING NO. 16476