

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

Owner: 07-500/7551

Applicant:

Address:

Date Evaluated: 6.7.07

Proposed Facility: SMN

Design Flow (.1949): 24

Property Size:

Location of Site: N24

Property Recorded:

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%	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR	
		Horizon Depth (IN.)	1941 Structure/ Texture	1941 Consistence/ Mineralogy	1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1944 Saprot Class		1945 Restr. Horiz.
57 S		0-12	GA SL	VFA SL					3
		12-18	SDK SCL	FA SL					
		18-28	SDK SL	F2 SL	26" ca 2				
		0-8	GA SL	VFA SL					2
		8-18	SDK SCL	FA SL					
		18-30	SDK SC	F2 SL	29" ca 2				
		0-10	GA SL	VFA SL					2
		10-18	SDK SL	FA SL					
		18-30	SDK SL	F1 SL	75" ca 2				
		0-12	GA SL	VFA SL					2
		12-18	SDK SL	FA SL					
		18-30	SDK SL	F2 SL	75" ca 2				

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)	2.4	LSD
Site LTAR	.3	.15

Other Factors (.1946): _____
 Site Classification (.1948): 0.5
 Evaluated By: QW
 Others Present: ME

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	III	SI-SILT- SIL-SILT LOAM CL-CLAY LOAM SCL-SANDY CLAY LOAM SICL-SILTY CLAY LOAM	0.6 - 0.3	VFI-VERY FIRM	VS-VERY STICKY
H-HEAD SLOPE				EFI-EXTREMELY FIRM	NP-NON-PLASTIC
CC-CONCLAVE SLOPE				SP-SLIGHTLY STICKY	
CV-CONVEX SLOPE				P-PLASTIC	
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1	C-CLAY	VP-VERY PLASTIC
FP-FLOOD PLAN		SC-SANDY CLAY			

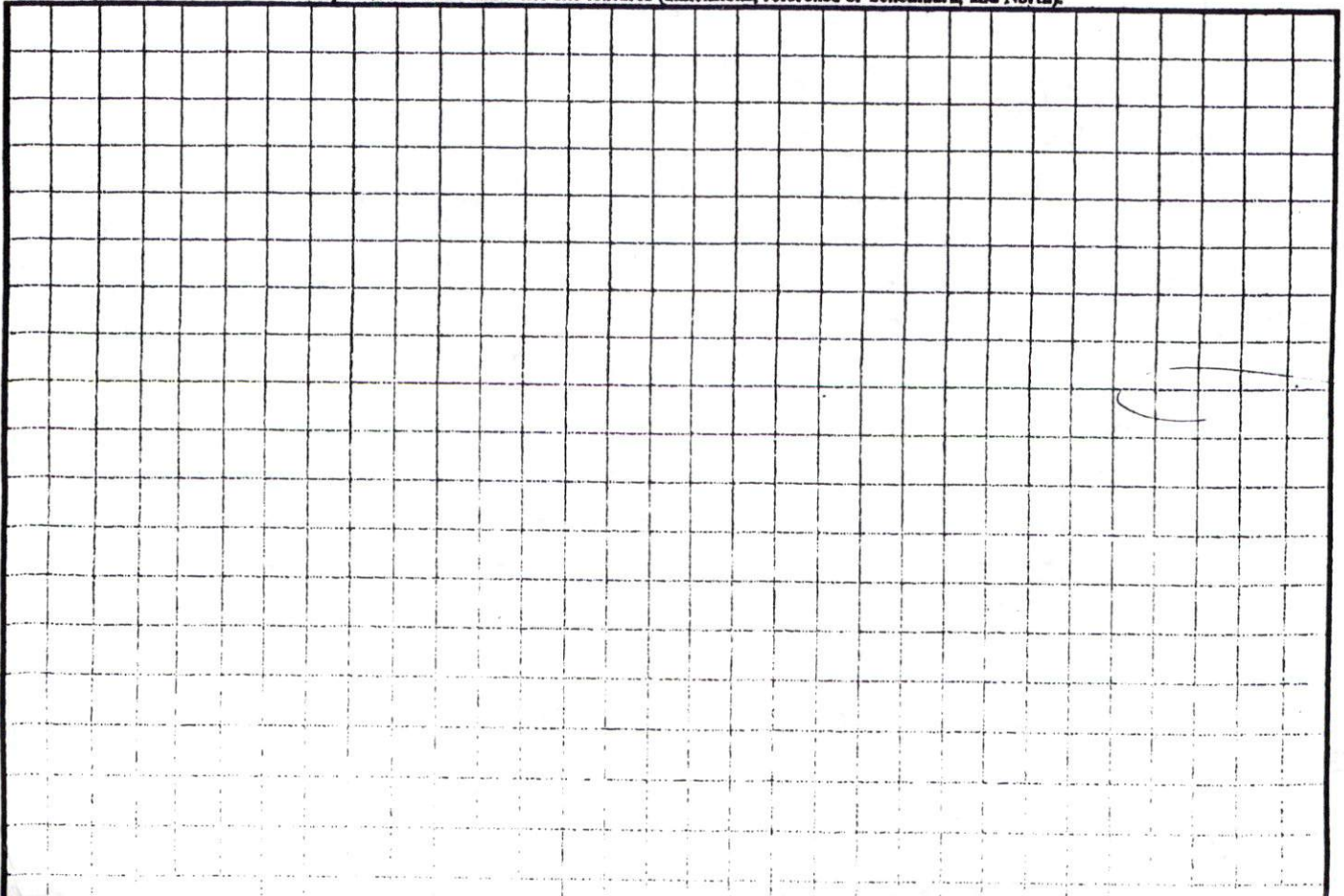
STRUCTURE

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

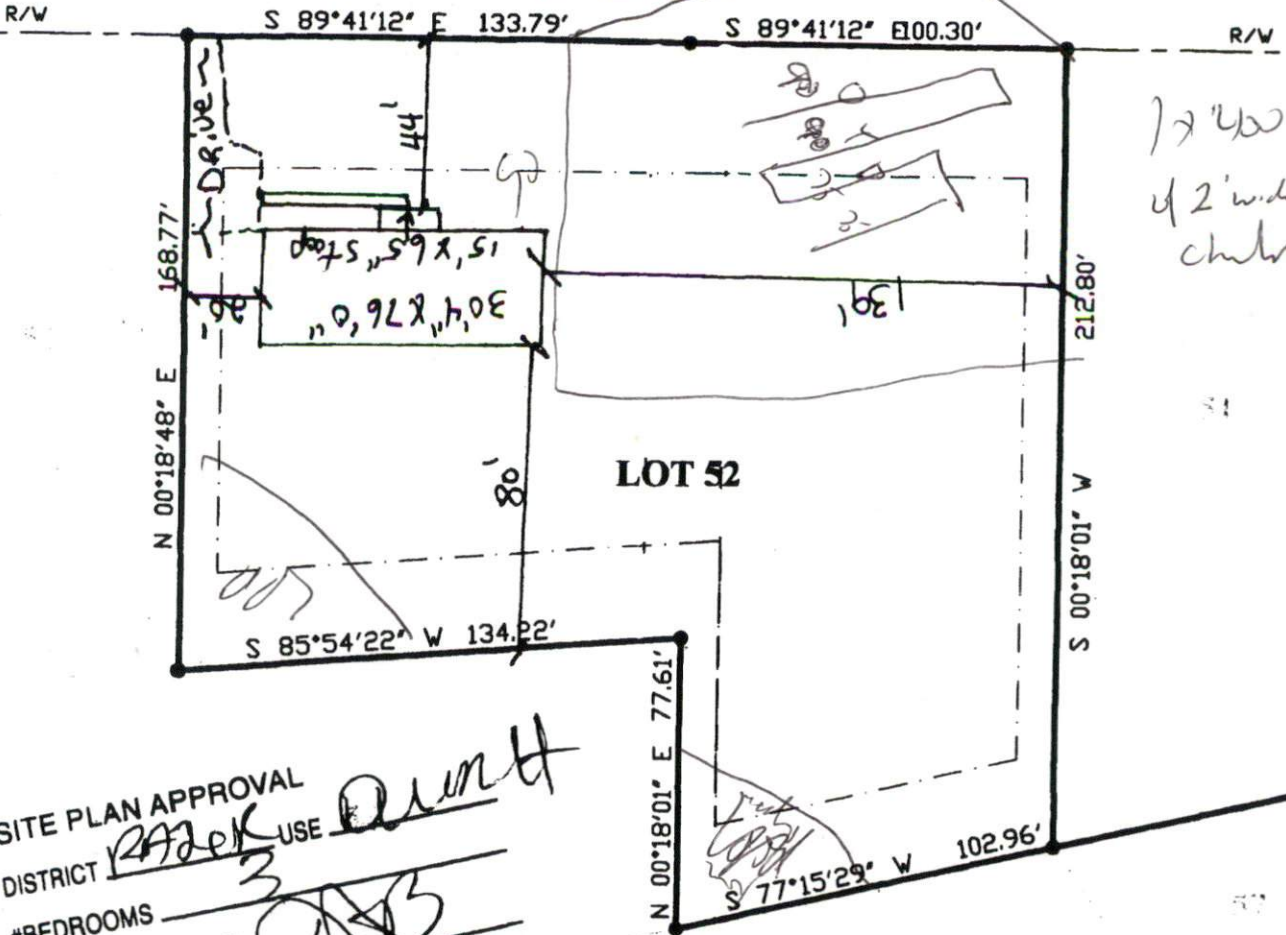
MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

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



SWEETBAY PLACE
50' PUBLIC R/W



17' 400
of 2' wide
chute

SITE PLAN APPROVAL

DISTRICT RARE USE

#BEDROOMS 3

Date 5/14/07

[Signature]
Zoning Administrator

NOTE:

BEING ALL OF LOT 52
NATURES CROSSROADS-PHASE TWO
MAP 2007, SLIDE 186

LEGEND

EIP EXISTING IRON PIPE
SIP SET IRON PIPE
R/W RIGHT OF WAY
PP POWER POLE
* ELEVATIONS

I FURTHER CERTIFY THAT THIS PROPERTY
(DOES NOT)
LIE WITHIN A SPECIAL FLOOD HAZARD AREA
AS DESIGNATED BY FIRM FLOOD INSURANCE

DATE: FEBRUARY 28, 2007

SURVEY FOR:

SCALE: 1" = 50'

PINE GROVE DEVELOPMENT CORP.

TOWNSHIP: JOHNSONVILLE

LOT #52
NATURES CROSSROADS, PHASE TWO
102 ACRES

HARNETT CO., NORTH CAROLINA

I, ROBERT J. BRACKEN CERTIFY THAT UNDER
MY DIRECTION AND SUPERVISION THIS MAP WAS
DRAWN FROM AN ACTUAL FIELD LAND SURVEY,
THAT THE ERROR OF CLOSURE WAS CALCULATED
BY LATITUDE AND DEPARTURE AND IS 1:10,000.

alley, williams, carmen & king, inc.
ENGINEERS & SURVEYORS

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Project: 06829