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6-11-2025  
SAC

June 10, 2025

Exhibit 2

Mr. Colton Leyendecker  
**CJL CONSTRUCTION LLC**  
P.O. Box 339  
Holt, Florida 32564

**Subject:** Summary Letter of Findings  
**GARRETT MILL ROAD ASPHALT INVESTIGATION**  
Baker, Okaloosa County, Florida  
NOVA Project Number 10116-2025152

Dear Mr. Leyendecker:

**NOVA Engineering and Environmental LLC (NOVA)**, at your request, has completed the geotechnical investigation of the existing roadway in Baker, Florida. Our exploration at the project site included performing three asphalt cores with subsequent 5-foot-deep auger borings within the subject road alignment.

#### Core/Boring C-1

Beneath approximately 6 inches of asphalt and 9 inches of sand/clay base, the test boring generally encountered slightly silty fine sands (USCS classification of SP-SM) to the maximum depth explored of about 5 feet below existing grade (BEG).

#### Core/Boring C-2

Beneath approximately 2 inches of asphalt, 9 inches of lime rock base, and 1½ feet of sand/clay base, the test boring generally encountered silty fine sands (SM) to the maximum depth explored of about 5 feet BEG.

#### Core/Boring C-3

Beneath approximately 4 inches of asphalt, and 9 inches of sand/clay base, the test boring generally encountered slightly silty fine sands (SP-SM) to the maximum depth explored of about 5 feet BEG.

Groundwater was not encountered within the test borings at the time of our field exploration, which occurred during a period of relatively normal seasonal rainfall.

The Test Boring Records as well as a Boring Location Plan are provided in the attached Appendix.

Based on comparisons of current annual monthly rainfall data to historical rainfall data extending back 50+ years in time, we estimate that the normal permanent seasonal high groundwater (SHGW) table for this site will remain at a depth greater than the maximum depth explored of about 5 feet BEG at boring locations at the time of drilling, as shown in the table below.

We appreciate your selection of NOVA and the opportunity to be of service on this project. If you have any questions, or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,  
NOVA Engineering and Environmental LLC



Eric L. H. Sharpe  
Staff Engineer



William L. Lawrence, P.E.  
Senior Regional Engineer  
Florida P.E. No. 60147

Attachments: Site Location Map  
Boring Location Plan  
Key to Boring Logs  
Test Boring Record (3)  
Summary  
Photo Essay

# **APPENDIX A**

## **Figures and Maps**



Scale: Not To Scale  
Date Drawn: June 10, 2025  
Drawn By: E. Sharpe  
Checked By: W. Lawrence

**NOVA**

5001 Commerce Park Circle  
Pensacola, Florida 32505  
850.607.7782 ♦ 850.249.6683

**PROJECT LOCATION MAP**  
**Garrett Mill Road Asphalt Investigation**  
Baker, Okaloosa County, Florida  
NOVA Project Number 10116-2025152

## **APPENDIX B**

### **Subsurface Data**



**LEGEND**

 C-x = Core w/5-ft Hand Auger

Scale: Not To Scale

Date Drawn: June 10, 2025

Drawn By: E. Sharpe






Checked By: W. Lawrence

**NOVA**

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**BORING LOCATION PLAN**  
**Garrett Mill Road Asphalt Investigation**  
Baker, Okaloosa County, Florida  
NOVA Project Number 10116-2025152

## SYMBOLS AND ABBREVIATIONS

SYMBOL	DESCRIPTION
N-Value	No. of Blows of a 140-lb. Weight Falling 30 Inches Required to Drive a Standard Spoon 1 Foot
WOR	Weight of Drill Rods
WOH	Weight of Drill Rods and Hammer
	Sample from Auger Cuttings
	Standard Penetration Test Sample
	Thin-wall Shelby Tube Sample (Undisturbed Sampler Used)
% REC	Percent Core Recovery from Rock Core Drilling
RQD	Rock Quality Designation
	Stabilized Groundwater Level
	Seasonal High Groundwater Level (also referred to as the W.S.W.T.)
NE	Not Encountered
GNE	Groundwater Not Encountered
BT	Boring Terminated
-200 (%)	Fines Content or % Passing No. 200 Sieve
MC (%)	Moisture Content
LL	Liquid Limit (Atterberg Limits Test)
PI	Plasticity Index (Atterberg Limits Test)
K	Coefficient of Permeability
Org. Cont.	Organic Content
G.S. Elevation	Ground Surface Elevation

## UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES
COARSE-GRAINED SOILS More than 50% retained on the No. 200 sieve*	GRAVELS 50% or more of coarse fraction retained on No. 4 sieve	CLEAN GRAVELS	GW	Well-graded gravels and gravel-sand mixtures, little or no fines
			GP	Poorly graded gravels and gravel-sand mixtures, little or no fines
		GRAVELS WITH FINES	GM	Silty gravels and gravel-sand-silt mixtures
			GC	Clayey gravels and gravel-sand-clay mixtures
	SANDS More than 50% of coarse fraction passes No. 4 sieve	CLEAN SANDS 5% or less passing No. 200 sieve	SW**	Well-graded sands and gravelly sands, little or no fines
			SP**	Poorly graded sands and gravelly sands, little or no fines
		SANDS with 12% or more passing No. 200 sieve	SM**	Silty sands, sand-silt mixtures
			SC**	Clayey sands, sand-clay mixtures
FINE-GRAINED SOILS 50% or more passes the No. 200 sieve*	SILTS AND CLAYS Liquid limit 50% or less	ML	Inorganic silts, very fine sands, rock flour, silty or clayey fine sands	
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, lean clays	
		OL	Organic silts and organic silty clays of low plasticity	
	SILTS AND CLAYS Liquid limit greater than 50%	MH	Inorganic silts, micaceous or diamicaceous fine sands or silts, elastic silts	
		CH	Inorganic clays of high plasticity, fat clays	
		OH	Organic clays of medium to high plasticity	
		PT	Peat, muck and other highly organic soils	

\*Based on the material passing the 3-inch (75 mm) sieve

\*\* Use dual symbol (such as SP-SM and SP-SC) for soils with more than 5% but less than 12% passing the No. 200 sieve

### RELATIVE DENSITY

(Sands and Gravels)

Very loose – Less than 4 Blows/Foot  
Loose – 4 to 10 Blows/Foot  
Medium Dense – 11 to 30 Blows/Foot  
Dense – 31 to 50 Blows/Foot  
Very Dense – More than 50 Blows/Foot

### CONSISTENCY

(Sils and Clays)

Very Soft – Less than 2 Blows/Foot  
Soft – 2 to 4 Blows/Foot  
Medium Stiff – 5 to 8 Blows/Foot  
Stiff – 9 to 15 Blows/Foot  
Very Stiff – 16 to 30 Blows/Foot  
Hard – More than 30 Blows/Foot

### RELATIVE HARDNESS

(Limestone)

Soft – 100 Blows for more than 2 Inches  
Hard – 100 Blows for less than 2 Inches

### MODIFIERS

These modifiers Provide Our Estimate of the Amount of Minor Constituents (Silt or Clay Size Particles) in the Soil Sample

Trace – 5% or less  
With Silt or With Clay – 6% to 11%  
Silty or Clayey – 12% to 30%  
Very Silty or Very Clayey – 31% to 50%

These Modifiers Provide Our Estimate of the Amount of Organic Components in the Soil Sample

Trace – Less than 3%  
Few – 3% to 4%  
Some – 5% to 8%  
Many – Greater than 8%

These Modifiers Provide Our Estimate of the Amount of Other Components (Shell, Gravel, Etc.) in the Soil Sample

Trace – 5% or less  
Few – 6% to 12%  
Some – 13% to 30%  
Many – 31% to 50%

PROJECT: <u>Garrett Mill Road Asphalt Investigation</u>	PROJECT NO.: <u>10116-2025152</u>
CLIENT: <u>CJL Construction</u>	
PROJECT LOCATION: <u>Baker, Okaloosa County, Florida</u>	
LOCATION: <u>Per Boring Location Plan</u>	ELEVATION: <u>Existing Grade</u>
DRILLER: <u>E. Sharpe</u>	LOGGED BY: <u>E. Sharpe</u>
DRILLING METHOD: <u>Core/Auger Boring</u>	DATE: <u>June 9, 2025</u>
DEPTH TO - WATER> INITIAL: <u>☹</u> <u>GNE</u>	AFTER 24 HOURS: <u>☹</u> <u>CAVING&gt; C</u>

Depth (feet)	Elevation (ft-MSL)	Description	Graphic	Groundwater	Sample Type	N-Value	<div> <div> <div>■</div> <div>%&lt;#200</div> </div> <div> <div>●</div> <div>BLOW COUNT</div> </div> <div> <div>▲</div> <div>NATURAL MOISTURE</div> </div> </div> <div> <div>PLASTIC LIMIT</div> <div>10</div> <div>20</div> <div>30</div> <div>40</div> <div>50</div> <div>60</div> <div>70</div> <div>80</div> <div>90</div> <div>LIQUID LIMIT</div> </div>
0							
		APSHALT (Approx. 6 inches)					
		Orange silty fine SAND (SM)					
		Light brown slightly silty fine SAND (SP-SM)					
2							
4							
6							
8							
10							
12							
14							



NOVA

TEST BORING  
RECORD  
C-2

PROJECT: Garrett Mill Road Asphalt Investigation PROJECT NO.: 10116-2025152

CLIENT: CJL Construction

PROJECT LOCATION: Baker, Okaloosa County, Florida

LOCATION: Per Boring Location Plan

ELEVATION: Existing Grade

DRILLER: E. Sharpe





LOGGED BY: E. Sharpe

DRILLING METHOD: Core/Auger Boring

DATE: June 9, 2025

DEPTH TO - WATER> INITIAL: ☒ GNE AFTER 24 HOURS: ☒ CAVING> ☐

This information pertains only to this boring and should not be interpreted as being indicative of the site.

Depth (feet)	Elevation (ft-MSL)	Description	Graphic	Groundwater	Sample Type	N-Value	<div><div><div>■ %&lt;#200</div><div>● BLOW COUNT</div><div>▲ NATURAL MOISTURE</div></div><div>PLASTIC LIMIT   LIQUID LIMIT</div><div>10 20 30 40 50 70 90</div></div>
0		APSHALT (Approx. 2 inches)					
		LIMEROCK BASE (Approx. 9 inches)					
		Orange silty fine SAND (SM)					▲ ■
2							
		Orange/light brown silty fine SAND (SM)					▲ ■
4							
		Boring Terminated at 5 ft.					
6							
8							
10							
12							
14							

NOVA

TEST BORING  
RECORD  
C-3

PROJECT: Garrett Mill Road Asphalt Investigation PROJECT NO.: 10116-2025152

CLIENT: CJL Construction

PROJECT LOCATION: Baker, Okaloosa County, Florida

LOCATION: Per Boring Location Plan

ELEVATION: Existing Grade

DRILLER: E. Sharpe

LOGGED BY: E. Sharpe

DRILLING METHOD: Core/Auger Boring

DATE: June 9, 2025

DEPTH TO - WATER> INITIAL:  $\frac{1}{2}$  GNE AFTER 24 HOURS:  $\frac{1}{2}$  CAVING> C

This information pertains only to this boring and should not be interpreted as being indicative of the site.

Depth (feet)	Elevation (ft-MSL)	Description	Graphic	Groundwater	Sample Type	N-Value	<div><div><div>■</div><div>●</div><div>▲</div></div><div>%&lt;#200 BLOW COUNT NATURAL MOISTURE</div><div>PLASTIC LIMIT   LIQUID LIMIT</div><div>10203040507090</div></div>												
0																			
		APSHALT (Approx. 4 inches)																	
		Orange silty fine SAND (SM)																	
		Light brown slightly silty fine SAND (SP-SM)																	
2																			
4																			
		Boring Terminated at 5 ft.																	
6																			
8																			
10																			
12																			
14																			

## **APPENDIX C**

### **Laboratory Data**

## **SUMMARY OF CLASSIFICATION & INDEX TESTING**

Garrett Mill Road Asphalt Investigation  
Baker, Okaloosa County, Florida  
NOVA Project Number 10116-2025152

SUMMARY OF CLASSIFICATION AND INDEX TESTING				
Boring No.	Sample Depth (ft. BEG)	Natural Moisture (%)	Percent Fines (%- #200)	USCS Soil Classification
C-1	15"- 5'	4	12	SP-SM
C-2	11"- 2.5'	7	18	SM
C-2	2.5'- 5'	8	15	SM

## **APPENDIX D**

# **Pavement Evaluation**



**PHOTO 1**

Location of C-1 coring/boring location on the north side of the Garrett Mill Road between the west and east entrances to Pickens Circle.



**PHOTO 2**

Core of C-1 was observed to be on the order of 6 inches in depth, with about 9 inches of sand/clay base.

<b>Scale:</b> Not to Scale
<b>Date Taken:</b> June 9, 2025
<b>Taken by:</b> E. Sharpe
<b>Checked by:</b> W. Lawrence

**NOVA**

5001 Commerce Park Circle  
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**PHOTO ESSAY**  
**Garrett Mill Road Asphalt Evaluation**  
Baker, Okaloosa County, Florida  
NOVA Project Number 10116-2025152

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**PHOTO 3**

The photo depicts the location of core/boring C-2 on Garrett Mill Road roughly 200 feet west from the intersection with Old Brown Road.



**PHOTO 4**

Core of C-2 was observed to be on the order of 2 inches of asphalt, roughly 9 inches of lime rock base, and 1½ feet of sand/clay base.

**Scale:** Not to Scale  
**Date Taken:** June 9, 2025  
**Taken by:** E. Sharpe  
**Checked by:** W. Lawrence

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**PHOTO ESSAY**

**Garrett Mill Road Asphalt Evaluation**  
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**PHOTO 5**

The photo depicts the location of core/boring C-3 on Garrett Mill Road roughly 200 feet west from the intersection with Old River Road.



**PHOTO 6**

Core of C-3 was observed to be on the order of 4 inches of asphalt, and 9 inches of sand/clay base.

**Scale:** Not to Scale  
**Date Taken:** June 9, 2025  
**Taken by:** E. Sharpe  
**Checked by:** W. Lawrence

**NOVA**

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**PHOTO ESSAY**

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