ECS 133 Birr 205	<u>S Southeas</u> West Oxmoo ningham, AL 5885099 5468056	or Road, Suite 205		LETTER OF TRANSMITTAL								
June 26, 2024				RE: Pyne Rock Site Stockpile Evaluation								
Marvel City Prope		ECS Job # 30:2691										
Homewood, AL 35209				Permits:								
ATTN: Morgan Duncan				Location:	1611 AL Besseme		50 , AL 35022					
We are enclosing:	X	Field Reports	X	For you	ur use	X	As requested					
CC.												

ENCL:

The results of laboratory testing of soil/rock collected from onsite existing material.

Three bulk samples were collected from randomly selected locations within the on-site stockpile. These samples were returned to the ECS laboratory for classification.

- Attached are Natural Moisture Content, Atterberg Limits, Sieve Analysis, and Standard Proctor test results for the sample, performed in general accordance with ASTM D2216, ASTM D4318, ASTM D6913, and ASTM D698, respectively.

- Based on laboratory classification, the onsite soil sample D4-S1 classified as a (GP) Red Brown Poorly Graded Gravel.

- Based on laboratory classification, the onsite soil sample D4-S2 classified as a (GP-GM) Red Brown Poorly Graded Gravel w Silt & Sand.

- Based on laboratory classification, the onsite soil sample D4-S3 classified as a (GW) Red Brown Well Graded Gravel.

David G. Marsh, P.E. Office Manager, Principal

Franklin Delano Hyde Construction Materials Project Manager

Disclaimer

^{1.} This report (and any attachments) shall not be reproduced except in full without prior written approval of ECS.

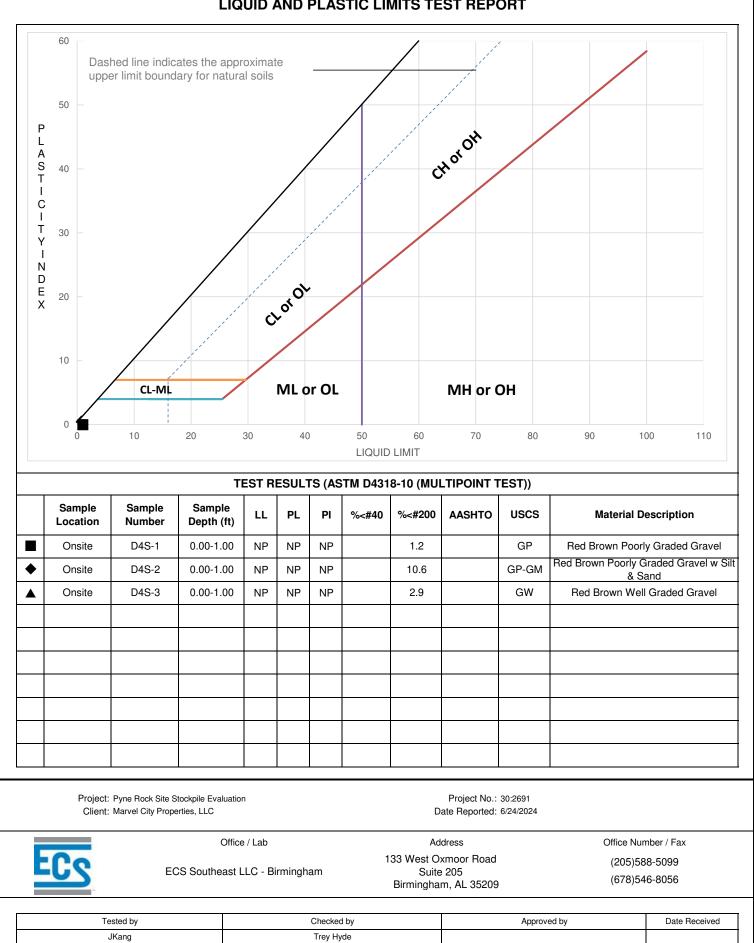
^{2.} The information in this report relates only to the activities performed on the report date.

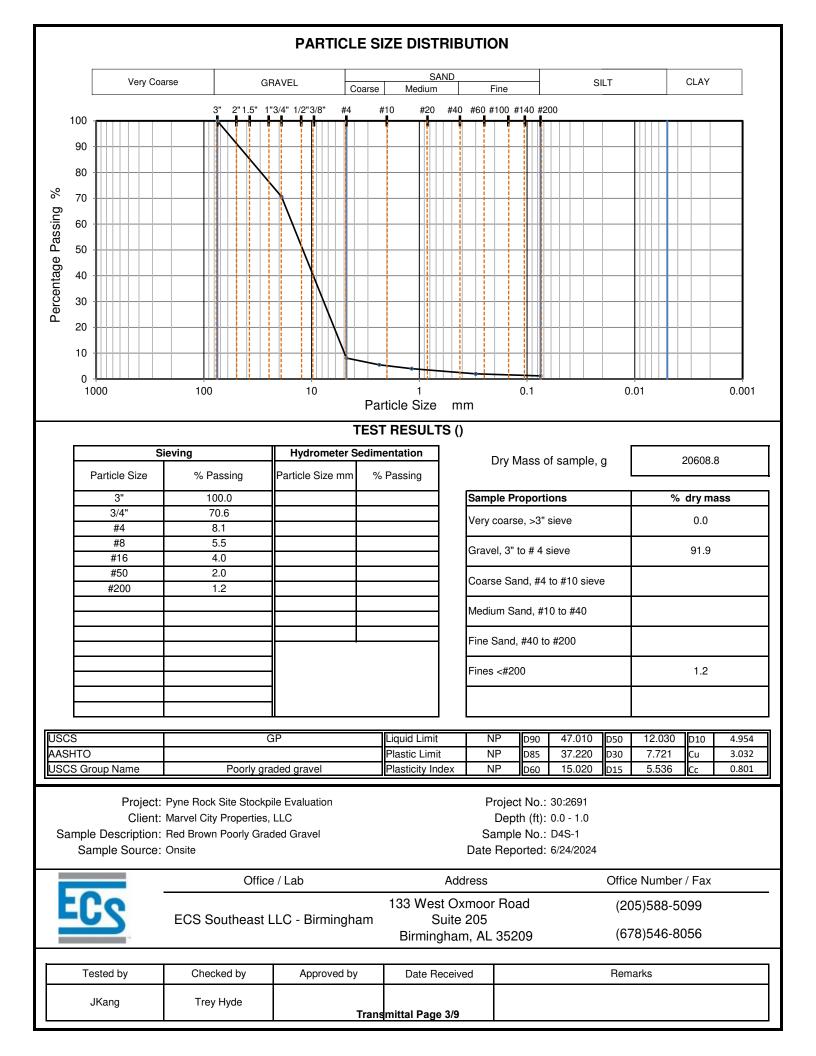
^{3.} Where appropriate, this report includes statements as to compliance with applicable project drawings, and specifications for the activities, performed on this report date.

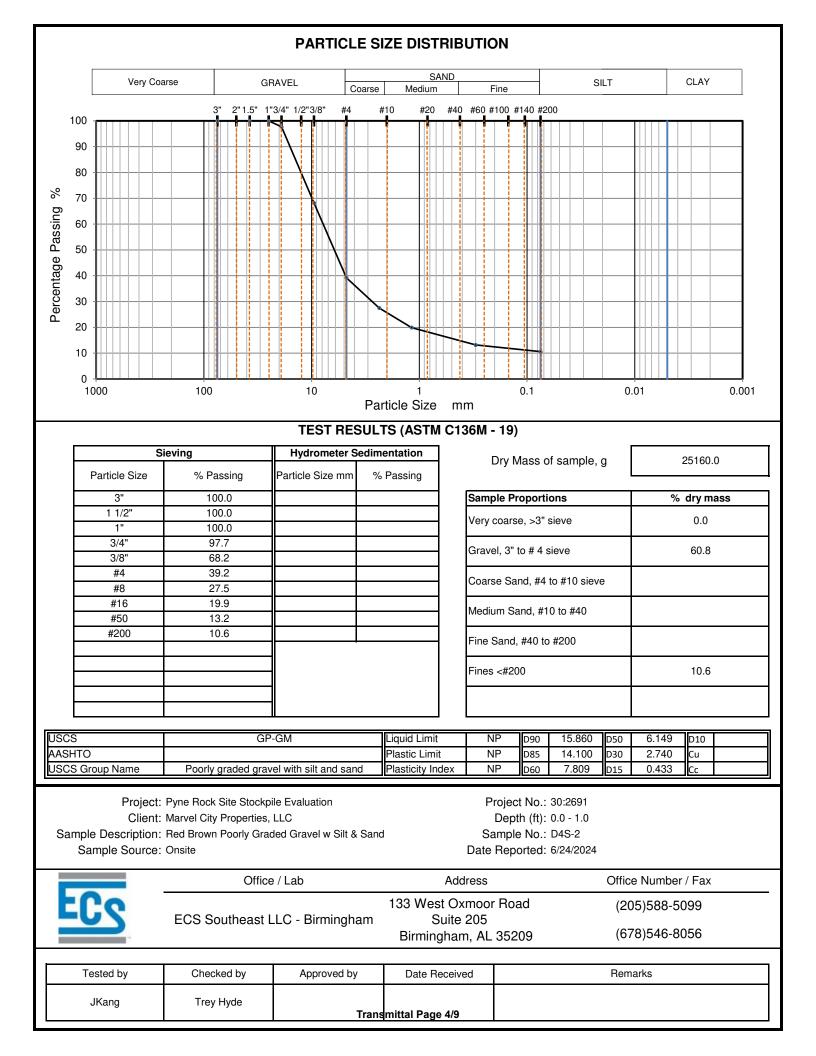
^{4.} Incomplete or non-conforming work will be reported for future resolution.

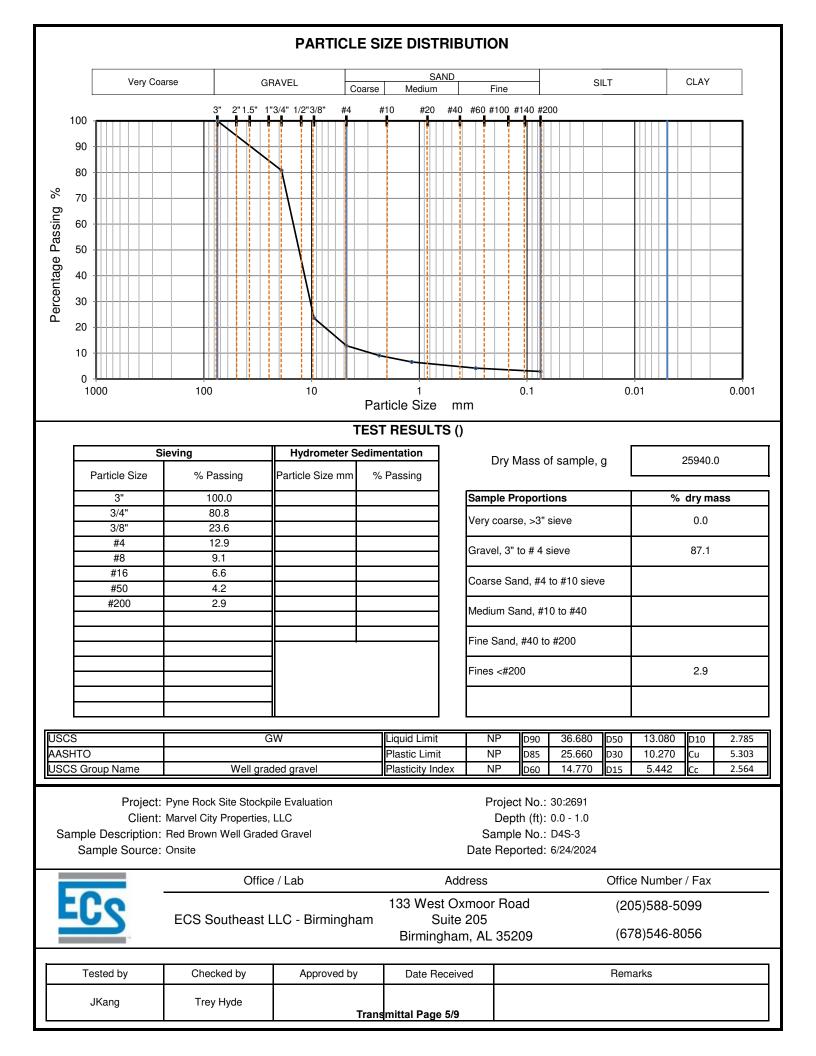
^{5.} The results of samples and/or specimens obtained or prepared for subsequent laboratory testing will be presented in separate reports/documents.

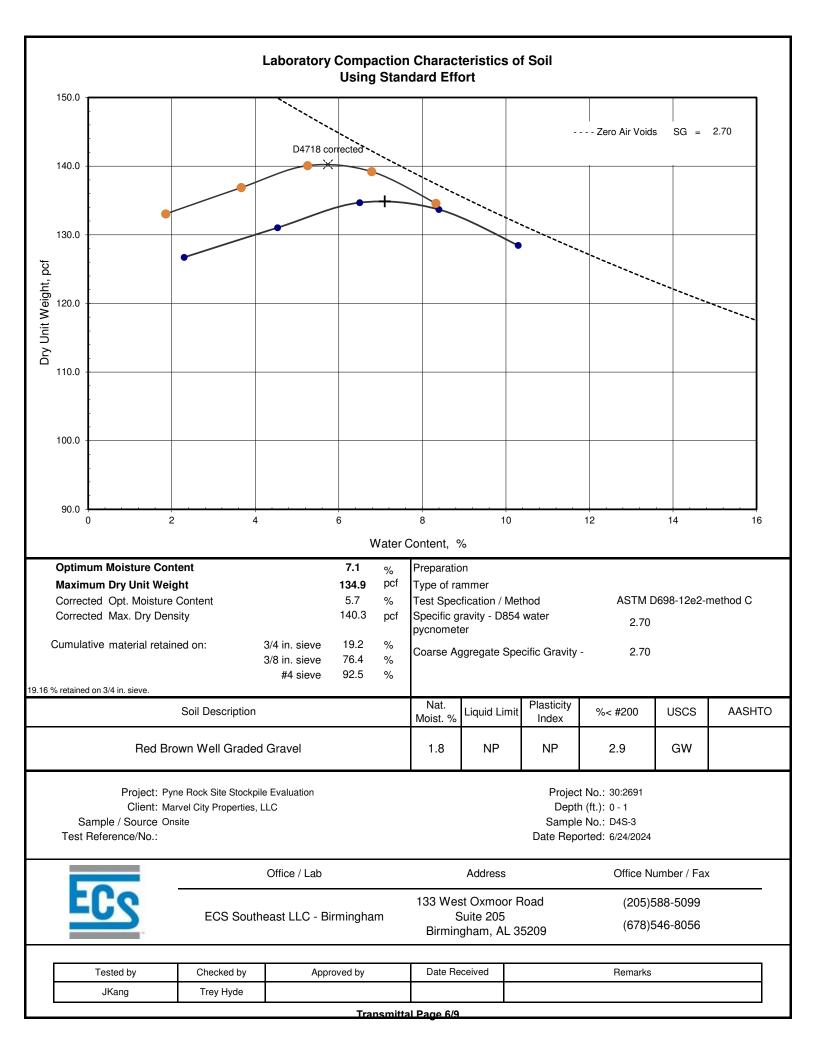
LIQUID AND PLASTIC LIMITS TEST REPORT

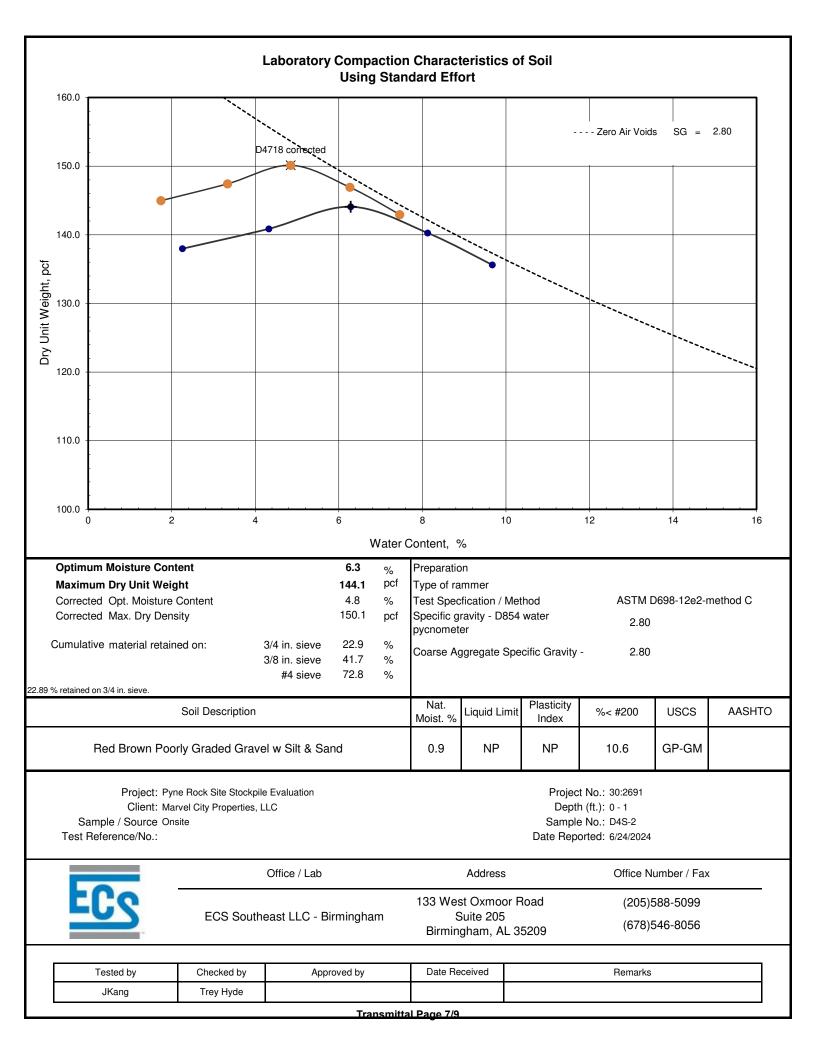


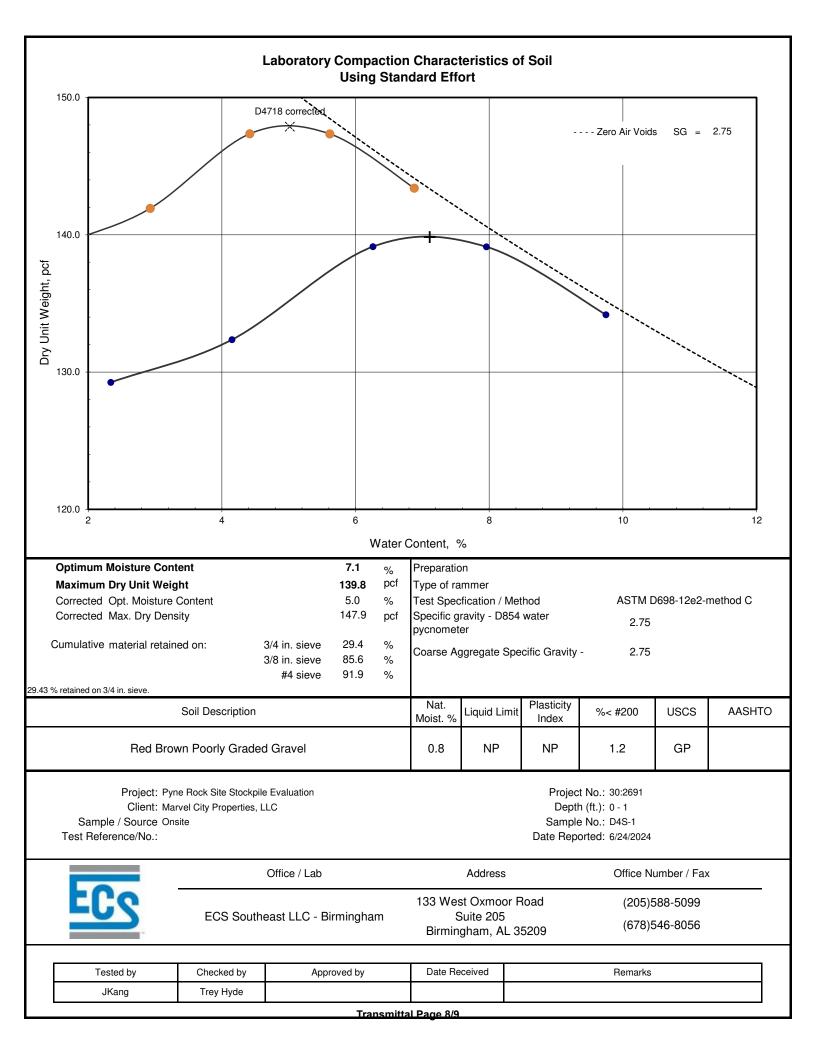












Laboratory Testing Summary														
		Sample Number	Depth (ft)	^MC (%)	Soil Type	Atterberg Limits			**Percent	Moisture - Density		CBR (%)		
Sample Lo	cation					LL	PL	PI	Passing No. 200 Sieve	<maximum Density (pcf)</maximum 	<optimum Moisture (%)</optimum 	0.1 in.	0.2 in.	#Organic Content (%)
Onsite	Э	D4S-1	0.0-1.0	0.8	GP	NP	NP	NP	1.2	139.8	7.1			
Onsite		D4S-2	0.0-1.0	0.9	GP-GM	NP	NP	NP	10.6	144.1	6.3			
Onsite	Э	D4S-3	0.0-1.0	1.8	GW	NP	NP	NP	2.9	134.9	7.1			
	Notes	See test reno	orts for test r	nethod ^A	STM D221	6-19 *49		88 **AST	M D1140-17 #	ASTM D2974-2	0e1 < See test	report for	D4718 c	orrected
Notes: See test reports for test method, ^ASTM D2216-19, *ASTM D2488, **ASTM D1140-17, #ASTM D2974-20e1 < See test report for D4718 corrected values Definitions: MC: Moisture Content, Soil Type: USCS (Unified Soil Classification System), LL: Liquid Limit, PL: Plastic Limit, PI: Plasticity Index, CBR: California Bearing Ratio, OC: Organic Content														
Project: Pyne Rock Site Stockpile EvaluationProject No.: 30:2691Client: Marvel City Properties, LLCDate Reported: 6/24/2024														
Office / Lab					Address Office Number / Fax									
ECS Southeast LLC - Birmingham						133 West Oxmoor Road (205)588-5099 Suite 205								
					Birmingham, AL 35209 (678)546-8056									
	Tested by					Checked by Approved			by Date Received					
	JKang					Trey Hyde								
Transmittal Page 9/9														