ECS 80 80 67	CS Southeas 3 West Oxmoo rmingham, AL 55885099 85468056	<u>t, LLC</u> or Road, Suite 205 35209		LETTER OF TRANSMITTAL							
June 26, 2024		RE: Pyne Rock Site Stockpile Evaluation									
Marvel City Prop	erties, LLC			ECS Job #	\$ 30:2691						
Homewood, AL 3	5209			Permits:							
ATTN: Morgan D	uncan			Location:	1611 AL Besseme	150 er, AL 350	22				
We are enclosing:	<u>X</u>	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														
	cation	Sample Number	Depth (ft)	^MC (%)	Soil Type	Atterberg Limits			**Percent	Moisture - Density		CBR (%)		
Sample Lo						LL	PL	PI	Passing No. 200 Sieve	<maximum Density (pcf)</maximum 	<optimum Moisture (%)</optimum 	0.1 in.	0.2 in.	#Organic Content (%)
Onsite)	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	9	D4S-3	0.0-1.0	1.8	GW	NP	NP	NP	2.9	134.9	7.1			
 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 												orrected California		
Project: Client:	Pyne Rock Site Stoc Marvel City Propertie	kpile Evaluat s, LLC	ion				Proj Date Re	ect No.: eported:	30:2691 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 hv						Checked by Approved			hy Date Received				1
	JKang				Trey H	Trey Hyde								
Transmittal Page 9/9														