

Reserve Quantity Estimate

(Construction Sand & Gravel)

Prepared for:



Prepared by:

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1.0 Conclusions

Using 36 open test holes, pit walls opened and visible for inspection, and 10 Core Logs from Drilling Co., a determination was made as to how much if any of the formation at these holes was economically mineable. Elevations for the top and bottom of the mineable formation were used in plotting a digital model of the total mineable formation. Topcon 3D Office software was used to calculate the volume of the total economically mineable formation of the deposit. The volume in cubic yards was converted to tons and listed below.

Estimate of Deposit Quantity

9,964,985 Tons

2.0 Introduction

The purpose of this report is to provide my client, **and the purpose of the economically mineable quantity of the mineral deposit located 4 miles Southeast of**

3.0 Scope and General Limitations

3.1 Scope

This report has been prepared by the author to represent all available information. To perform a volumetric analysis of the deposit. To perform calculations to estimate the quantity of mineable construction aggregate materials, in tons, using the most accurate means available to the industry.

3.2 General Limitations

No opinion is given of quality of title, encumbrances, suits, liens, or any other legal matter, and no responsibility is assumed by Aggregate Consulting, nor the Author. All data provided to the author for this report has been reviewed within the scope and limitations and no other responsibility is assumed for accuracy. The opinions included herein are unbiased, supportable, and justified. In no way does the fee received by Aggregate Consulting for this report have any influence on the calculations or findings in this report. No conflict of interest exists for the author or Aggregate Consulting with this property or project participants.

4.0 General Geology

4.1 Surface Geology Composition

The property consists of Quaternary deposits of the Holocene/Pleistocene (Qau), Clear Fork Group Permian shales of the Leonard (Pcf), Fluviatile Terrace Deposits of the Pleistocene (Qt) and Alluvium from floodplain deposits of the Holocene (Qal). The mineable deposit lies in the Terrace (Best) and Alluvium (Finer/No mineable material possibly) Deposits. See 4.4 Geologic Map.



4.2 Drilling and Test Holes

Core logs prepared by Drilling Co. and open test holes were examined as well as the visible wall and pit floor by John Pitts Jr/Aggregate Consulting.

4.3 Exposed Walls

There are a number of walls exposed for field examination at the site from previous and current mining. These exposed areas of the formation were examined for quality and composition to support observations of walls of the test holes that were not able to be examined with similar proximity due to safety considerations.



Old Pit on the SW Corner of Property-Test Hole (SWPIT)

Active Pit-Test Holes (ACT Pit North and ACT Pit South)



4.4 Geologic Map



5.0 Quantity, Quality, Methodology, Calculation, and Limitations of Estimate

5.1 Quantity Estimates

According to industiv standards, typical unit weights (pounds per square foot) of Bank/Insitu Sand and Gravel range from 117 to 135. For this deposit 130lbs/ft³ (3,510lbs/Yd³) was used due to to compacted nature observed and size distribution.

The volume in cubic yards was calculated by Topcon 3D Office software with highly accurate survey points in X, Y, Z coordinates (3 Dimensions) during site visits (see 5.3 Methodolgy). Topcon 3D Office processes this data to create a digital surface model (DSM) or a digital terrain model (DTM) of the area. A DSM represents the surface of the terrain or formation. Surfaces are compared by creating cells built from point to point distances, cells are divided into four to create vertexes. Additionally the volume of only the split cells which share a vertex included within the calculation range out of the four vertexes of the original cell is calculated. Using this method in a varied and irregular pay thickness deposit allows for the greatest accuracy possible. Every point collected is used in the calculation verses the method of averging pay depth and mulipling by surface area that was employed before the advent of advanced software and GPS surveying equipment.

For this report, no waste or loss factor was applied in calculating the reserve quantity estimate.

The reported quantity was derived by multiplying the weight per cubic yard of the bank/insitu material by the volume in cubic yards to arrive at a tonnage figure. (See 5.4 Calculation)

5.2 Quality of the Deposit

As is typical of terrace deposits, ancient evulsion and erosion play a large role in the composition of the current formation. Portions of the older fluviatile terrace deposits of the Pleistocene were removed over millions of years and replaced by newer alluvium from floodplain deposits of the Holocene. The newer alluvium on this site appears to be silt, clay, and finer silty sand with little coarse sand or gravel. The evulsion and erosion that occurred accounts for the inconsistent bed elevation and thickness of the existing Pleistocene (Coarser) deposit formation.

The geologic composition of the materials is mostly siliceous (Sand and quartz gravel), with some limestone present in small amounts within. No quality tests were conducted for this report, but I am told that the material currently being extracted from this site is being used with good results as fine and coarse aggregate for concrete.

Clay layers were observed in a large majority of the test holes, active pit and surge pile. During my visit I spent time watching the process plant wash the material. It was apparent that the production rate was definitely hindered due to the clay content. However, a good quality product was able to be produced.

The Overburden to Pay ratio is not optimal at a majority of test hole locations, but workable. This increases extraction costs comparable to other operations. Portions of the top layer of the pay formation, at a majority of the test hole locations, are too dirty or have too much clay to be economically mineable and were considered Overburden for reserve calculations.

5.3 Methodology

The property boundaries were obtained from a google earth map provided. Using Topcon Hyper V GPS Base and Rover System, a project with local coordinates was created. control points were set, measured, and added to the project file. The mineable estimated reserve boundary was measured and entered. Test hole locations were measured and entered. Each test hole was measured for formation composition and formation depth from surface using a Trupulse 360 Laser and the GPS Base/Rover Hyper V system. The holes were field logged for depth and composition based on visual inspection in walls of test hole and material that had been extracted from the hole during prior excavation. Layers were created in the project file for surface, bottom of overburden, and bottom of pay. Elevations were shot into the project file for the surface and entered manually for bottom of overburden, and bottom of pay obtained from Field logs. This data was loaded into Topcon 3D Office software and surfaces were created to compare for volumetric calculations. Because most Test Hole/Bore locations were not present at the exact outer boundary of the reserve formation, the software extended the surfaces to the boundary in order to account for this and allow for a more representative volume calculation. Since the software is primarily used in earth moving operations, its volumetric calculation (for cubic yards) is presented in cut/fill format. This format has no bearing on the accuracy of the final calculated volume. Using bulk densities of similar materials a unit weight was determined, the bank/insitu volume calculated in cubic yards was converted to tons using this unit weight figure and presented in the conclusion section of this report.

5.4 Calculation

130lbs/ft³ x 27ft³ = 3,510 Pounds per Cubic Yard

3,510lbs/yd³ / 2000 Pounds = 1.755 Tons per Cubic Yard

1.755 Tons per yd³ x Reserve Volume in yd³ = Reserve Quantity Estimate in Tons.

5.5 Limitations of Estimate

The full extents of the mineable deposit were not apparent due to lack of core/test holes in various locations. The extents were estimated by using surface geology maps, visual observations, proximity to property lines and non- pay formations. Due to the nature of terrace deposits, the irregularity, and inconsistency they present, no exact calculation is possible with test hole/bore holes alone. Every effort has been made to examine, evaluate, and include all the data available and make the best qualified estimate of the quantity of reserve for this report.

Appendix A Calculations





Appendix B Qualifications of Consultant



John M Pitts Jr.

BBA Finance-Texas Tech University

- 4th Generation Aggregate Business Owner/Operator
- 36 years of experience owning, designing, building, and operating sand/gravel/crushed stone plants. Dry pit, dredge fed, booster pump, stripping and limestone crushing operations.
- Designed and built 6 stationary aggregate plants from 600 tph to 200 tph, including 2 greenfield sites.
- Owned/Operated 5 portable plants at 8 sites.
- Constructed/Reconstructed 3 dredges (Cutterhead, Chain Ladder, and Auger) Diesel and Electric and 2 Automated Boosters, Diesel and Electric.
- Directed and participated in all facets of the company including financial, accounting, purchasing, compliance, financing, planning, HR, sales, AR, AP, plant/machine maintenance, electrical installation, electrical repairs, IT setup/operation, engineering, legal, public relations, disaster recovery, locating greenfield/future mine sites, exploring/valuating potential deposits, strategic planning, core drilling, quality control, etc.
- Served as President and Vice President of Wichita Falls Chapter of CSI (Construction Specification Institute)
- Graduate of Texas A&M Dredging Engineering Short Course
- Extensive core drilling and exploration of existing mines and prospects, for my company and others. (over 30 to date).
- 10 years consulting experience.

Appendix C Supporting Maps and Documents







Surface Geology Map







Exploration/Evaluation • Market Studies • Mineral Appraisals • Expert Testimony • Quality and Quantity Studies • Acquisition Due Diligence • Mine Planning



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								Client: Project: Pros Address:	BORING LOG Boring No. ACT PIT SOUTH Page: 1 of 1			
Drilling Start Date: 04/30/24 Drilling End Date: 04/30/24 Drilling Company: Drilling Method: Track-Mounted Backhoe Drilling Equipment: Driller: Logged By: John Pitts - Aggregate Co								ulting LLC.	Boring Depth (ft):18Boring Diameter (in):0.0Sampling Method(s):N/DTW During Drilling (ft):N/DTW After Drilling (ft):N/Ground Surface Elev. (ft):N/Location (Lat, Long):I	A A A		
DEPTH (ft)	WATER LEVEL	BORING COMPLETION	Sample Type	Time	Blow Counts	Recovery (ft)	N Value RQD%	SOIL/ROCK VISI	UAL DESCRIPTION	R	EMARKS	DEPTH (ft)
								(0.00') Lean CLAY (CL); m dark reddish-brown, Hard I (7.00') Well-graded GRAV fine-coarse grained gravel, sand, trace silt, trace clay, reddish-brown, Good Coar Large Rock mostly 3" Minu (17.00') BEDROCK: Red E (18.00') Boring terminated	edium plasticity, stiff, dry, Brown Clay Overburden	(0.0') Active Pit Observations to cut.	Wall. aken from wall	
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	1	Client: Project: Pros Address:	LTD spect	BORING LOG Boring No. C05 Page: 1 of 1	
Drilling Start Date:05/05/24Drilling End Date:05/05/24Drilling Company:Drilling Method:Air RotaryDrilling Equipment:Driller:Logged By:John Pitts -	Aggregate Cons	sulting LLC.	Boring Depth (ft):42Boring Diameter (in):0.0Sampling Method(s):N/ADTW During Drilling (ft):N/ADTW After Drilling (ft):N/AGround Surface Elev. (ft):N/ALocation (Lat, Long):I		
DEPTH (ft) LITHOLOGY WATER LEVEL BORING COMPLETION Sample Type Time	Blow Counts Recovery (ft) N Value ROD%	SOIL/ROCK VISI	JAL DESCRIPTION	REMARKS	DEPTH (ft)
0 5 		(0.00') Lean CLAY (CL); fe Brn Clay w/15& Sand. Ove (19.00') Well-graded SAND (SW-SC); mostly fine-coan fine-coarse gravel, trace cl & Gravel With larger grave (31.00') Elastic SILT (MH); (33.00') No Recovery: Wat (42.00') Boring terminated	w fine sand, dry, Dry Med erburden	(19.0') 50% Gravel 50% Sand	















		Client: Project: Pros Address:	spect	BORING LOG Boring No. DR13 Page: 1 of 1	
Drilling Start Date: 04/30/24 Drilling End Date: 04/30/24 Drilling Company: Drilling Method: Track-Me Drilling Equipment: Driller: Logged By: John Pit	ounted Backhoe tts - Aggregate Con	nsulting LLC.	Boring Depth (ft):22Boring Diameter (in):0.0Sampling Method(s):N/ADTW During Drilling (ft):N/ADTW After Drilling (ft):N/AGround Surface Elev. (ft):N/ALocation (Lat, Long):Image: Construction (Lat, Long):		
DEPTH (ft) LITHOLOGY WATER LEVEL BORING COMPLETION Sample Type	Time Blow Counts Recovery (ft) N Value N Conductor	SOIL/ROCK VISL	JAL DESCRIPTION	REMARKS	DEPTH (ft)
0 		(0.00') Lean CLAY (CL); m dark reddish-brown, Hard E Caliche. Overburden. (15.00') Well-graded GRAN fine-coarse grained gravel, silt, trace clay, medium der Good Coarse Dirty Sand & Minus. (20.00') BEDROCK: Red b (22.00') Boring terminated	edium plasticity, stiff, dry, Brown Clay with trace of /EL with sand (GW); mostly little fine-coarse sand, trace nse, dry, dark reddish-brown, Gravel. Mostly 1 1/2"	(15.0') 80% Rock 20% Sand	

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DEPTH (ft)	ЛОПОСУ	WATER LEVEL	BURING COMPLETION	Time	Blow Counts	Recovery (ft) D	N Value RQD%	SOIL/ROCK VISU	JAL DESCRIPTION	RI	EMARKS	DEPTH (ft)
0 5 10 10 115 15 20 20 22 25 N								(0.00') Lean CLAY (CL); m dark reddish-brown, Hard ((12.00') Well-graded GRAV mostly coarse grained grav sand, trace silt, few clay, m reddish-brown, Rock with t medium size rock. Dirty (22.00') BEDROCK: Red B (24.00') Boring terminated	edium plasticity, stiff, dry, Clay Overburden /EL with clay (GW-GC); rel, few medium-coarse redium dense, dry, dark ight clay binder. Mostly Bed Shale	(12.0') 90% Rod	ck 10% Sand	



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Drilling C Drilling C Drilling C Drilling C Drilling C Driller: Logged	Start Da End Da Compa Method Equipm By:	ate: te: ny: : ent:	04/30/ 04/30/ Track John	24 24 -Mour Pitts -	nted Ba - Aggre	ackho ∋gate	e Cons	sulting LLC.	Boring Depth (ft):21Boring Diameter (in):0.0Sampling Method(s):N/ADTW During Drilling (ft):N/ADTW After Drilling (ft):N/AGround Surface Elev. (ft):N/ALocation (Lat, Long):I			
DEPTH (ft)	ГІТНОГОСУ	WATER LEVEL		Time	Blow Counts	Recovery (ft) D	N Value RQD%	SOIL/ROCK VISU	JAL DESCRIPTION	RE	EMARKS	DEPTH (ft)
0 								(0.00') Lean CLAY (CL); m dark reddish-brown, Hard ((9.00') Well-graded GRAVI grained gravel, few medium trace clay, medium dense, Dirty Rock to 6" and Grave (20.00') BEDROCK: Red E (21.00') Boring terminated	edium plasticity, stiff, dry, Clay Overburden EL (GW); mostly coarse n-coarse sand, few silt, dry, dark reddish-brown, d with thin sand lenses.	(9.0') 90% Rock	: 10% Sand	
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Drilling Start Date: 04/3024 Drilling Start Date: 04/3024 Drilling Company: Drilling Company: Drilling Starts Drilling Starts Drilling Starts Solution (11: 10: 10: 10: 10: 10: 10: 10: 10: 10:		Client: Project: Pros Address:	LTD spect	BORING LOG Boring No. S55 Page: 1 of 1	
Image: Collect index of the second	Drilling Start Date: 04/30/24 Drilling End Date: 04/30/24 Drilling Company: Drilling Method: Track-Mounted Bac Drilling Equipment: Driller: Logged By: John Pitts - Aggreg	:khoe jate Consulting LLC.	Boring Depth (ft):19Boring Diameter (in):0.0Sampling Method(s):N/ADTW During Drilling (ft):N/ADTW After Drilling (ft):N/AGround Surface Elev. (ft):N/ALocation (Lat, Long):I		
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	0 	(0.00') Lean CLAY (CL); m dark reddish-brown, Hard ((10.00') Well-graded SANE medium-coarse grained sa gravel, loose, dry, light red Gravel (18.00') BEDROCK: Red E (19.00') Boring terminated	D with gravel (SW); mostly and, some fine-coarse Idish-brown, Clean Sand &	(10.0') 30% Rock 70% Sand	

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Drilling Start Drilling End I Drilling Com Drilling Meth Drilling Equip Driller: Logged By:	Date: Date: pany: od: pment:	04/3 04/3 Trac Joh	30/24 30/24 ck-M	ounte ts - Ag	d Bad	ckho gate (e Cons	ulting LLC.	Boring Depth (ft):22Boring Diameter (in):0.0Sampling Method(s):N/ADTW During Drilling (ft):N/ADTW After Drilling (ft):N/AGround Surface Elev. (ft):N/ALocation (Lat, Long):I			
DEPTH (ft) LITHOLOGY	WATER LEVEL	BORING COMPLETION	Sample Type	Time	Blow Counts	Recovery (ft)	N Value RQD%	SOIL/ROCK VISI	UAL DESCRIPTION	R	EMARKS	DEPTH (ft)
								(0.00') Lean CLAY (CL); m dark reddish-brown, Hard ((9.00') Well-graded GRAV (GW-GC); mostly fine-coar medium-coarse sand, few dense, dry, dark reddish-bu with clay lenses (21.00') BEDROCK: Red E (22.00') Boring terminated	edium plasticity, stiff, dry, Clay Overburden	(11.5') 60% Ro	ck 40% Sand	
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DEPTH (ft)	ГІТНОГОСҮ	WATER LEVEL	BORING COMPLETION	Sample Type	Time	Blow Counts	Recovery (ft)	N Value RQD%	SOIL/ROCK	(VISI	JAL DESCRIPTION		REMARKS	DEPTH (ff)
									(0.00') Lean CLAY (C dark reddish-brown, F (14.00') Well-graded S sand, trace fine-coars light, Fine Sand (16.00') Poorly grader grained gravel, trace f clay, medium dense, Gravel (18.00') Well-graded S medium-coarse grain gravel, medium dense Sand & Gravel 30% F (25.00') BEDROCK: F (26.00') Boring termin	SANE SANE se gra d GR. fine-n dry, c SANE ed sa e, dry Red E nated	edium plasticity, stiff, dry, Clay Overburden D (SW); mostly fine grained avel, trace silt, loose, dry, AVEL (GP); mostly coarse nedium sand, trace silt, trace lark reddish-brown, Coarse D with gravel (SW); mostly ind, some fine-coarse , light reddish-brown, Clean 70% Sand			
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DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	Sample Type	Time	Blow Counts	Recovery (ft)	N Value RQD%	SOIL/ROCK VISI	JAL DESCRIPTION	REMARKS	DEPTH (ft)
									(0.00') Sandy lean CLAY (gravel, some fine sand, tra plasticity, soft, dry, light red Overburden with clay. (10.00') Well-graded SANE fine grained sand, trace fin trace clay, loose, dry, dark sand with some gravel (17.00') Well-graded SANE grained sand, few fine-coa reddish-brown, Clean fine s (26.00') Poorly graded SAN mostly coarse grained san trace silt, trace clay, mediu reddish-brown, Coarse Sai (30.00') BEDROCK: Red B (31.00') Boring terminated	CL); trace fine-coarse ce silt, trace clay, low ddish-brown, Sandy D with clay (SW-SC); mostly e-coarse gravel, few silt, reddish-brown, Dirty fine D (SW); mostly fine-medium rse gravel, loose, dry, light sand with gravel D with clay (SP-SC); d, few fine-coarse gravel, m dense, dry, dark nd & Gravel ded Shale	(17.0') 10% Rock 90% Sand	
N	OTES:											



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Drilling Start Date Drilling End Date: Drilling Company: Drilling Method: Drilling Equipment Driller: Logged By:	: 04/30/24 04/30/24 Track-M4 t: John Pit	ounted ts - Agg	Backho gregate	oe Cons	sulting LLC.	Boring Depth (ft):23Boring Diameter (in):0.0Sampling Method(s):N/ADTW During Drilling (ft):N/ADTW After Drilling (ft):N/AGround Surface Elev. (ft):N/ALocation (Lat, Long):Image: Construction (Lat, Long):			
DEPTH (ft) LITHOLOGY WATER LEVEL	BORING COMPLETION Sample Type	Lime	Blow Counts Recovery (ft)	N Value RQD%	SOIL/ROCK VIS	UAL DESCRIPTION	REMA	RKS	DEPTH (ft)
					(0.00') Lean CLAY (CL); fe medium stiff, dry, dark red Overburden with Silt (6.00') Lean CLAY (CL); m medium plasticity, medium reddish-brown, Silty Overt (16.00') Well-graded GRA' (GW-GC); some fine-coars medium-coarse sand, trac dense, dry, dark reddish-b (21.00') BEDROCK: Red F	w silt, medium plasticity, dish-brown, Clay nostly silt, some clay, n stiff, dry, dark burden VEL with clay and sand se grained gravel, some e silt, trace clay, medium rown, Dirty Sand & Gravel Bed Shale	(16.0') 50% Rock 50 (20.0') Water @20'	I% Sand	
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Drilling Drilling Drilling Drilling Driller: Logged	Start D End Da Compa Methoo Equipm By:	ate: (ny: l: 1 nent:	4/30/24 4/30/24 Frack-N John Pi	↓ ↓ /lounte	d Ba	ckho gate	e Cons	sulting LLC.	Boring Depth (ft):30Boring Diameter (in):0.0Sampling Method(s):N/ADTW During Drilling (ft):N/ADTW After Drilling (ft):N/AGround Surface Elev. (ft):N/ALocation (Lat, Long):I			
DEPTH (ft)	КОТОНТИ	WATER LEVEL BORING	COMPLETION Sample Type	Time	Blow Counts	Recovery (ft)	N Value RQD%	SOIL/ROCK VISI	UAL DESCRIPTION	RE	EMARKS	DEPTH (ft)
0 5 10 10 10 10 20 22 30 30 35								(0.00') Lean CLAY (CL); fe plasticity, medium stiff, dry Sandy Clay Overburden (16.00') Well-graded GRAN fine-coarse grained gravel, sand, trace silt, medium de reddish-brown, Good Coar much large rock. (28.00') BEDROCK: Red E (30.00') Boring terminated	w fine sand, medium , dark reddish-brown, Hard VEL with sand (GW); mostly , some medium-coarse ense, dry, light 'se Sand & Gravel. Not	(16.0') 50% Roo	* 50% Sand	





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Drilling S Drilling C Drilling C Drilling M Drilling E Driller: Logged	Start Da End Da Compa Method Equipm By:	ate: te: ny: : nent:	04/30// 04/30// Track John	24 24 -Moun Pitts -	nted Ba - Aggre	ickho	e Cons	sulting LLC.	Boring Depth (ft):23Boring Diameter (in):0.0Sampling Method(s):N/ADTW During Drilling (ft):N/ADTW After Drilling (ft):N/AGround Surface Elev. (ft):N/ALocation (Lat, Long):Image: Construction (Lat, Long):			
DEPTH (ft)	ГІТНОГОGY	WATER LEVEL		Sample iype Time	Blow Counts	Recovery (ft) 10	N Value RQD%	SOIL/ROCK VIS	UAL DESCRIPTION	R	EMARKS	DEPTH (ft)
								(0.00') Lean CLAY with gra gravel, trace medium-coan medium plasticity, stiff, dry Brown Clay Overburden. 1 (12.00') Well-graded GRAV fine-coarse grained gravel, sand, trace silt, medium de reddish-brown, Good Coan Mostly 3" Minus. Dirty/Silty formation. (21.00') BEDROCK: Red E (23.00') Boring terminated	avel (CL); trace fine-coarse se sand, mostly clay, ', dark reddish-brown, Hard ' Thick S&G Layer at 9' VEL with sand (GW); mostly , some medium-coarse ense, dry, dark rse Sand & Gravel. Rocky / towards the upper 1' of 3ed Shale	(12.0') 70% Roc (13.0') Similar to	* 30% Sand > S69	
N	OTES:											



Drilling Start Date: 04/30/24	<u></u>		Baring Depth (fil)		
Drilling Company: Drilling Method: Track-Mounted Ba Drilling Equipment: Driller: Logged By: John Pitts - Aggre	khoe: علاقہ و	sulting LLC.	Boring Depth (ft): 22 Boring Diameter (in): 0.0 Sampling Method(s): N/A DTW During Drilling (ft): N/A DTW After Drilling (ft): N/A Ground Surface Elev. (ft): N/A Location (Lat, Long): Image: Comparison of the second		
DEPTH (ft) LITHOLOGY WATER LEVEL BORING COMPLETION Sample Type Time	Recovery (ft) ¹¹ N Value ROD%	SOIL/ROCK VISU	JAL DESCRIPTION	REMARKS	DEPTH (ft)
0 		(0.00') Lean CLAY (CL); m dark reddish-brown, Hard B (14.00') Well-graded GRAN fine-coarse grained gravel, trace silt, medium dense, d Good Coarse Sand & Grav (20.00') BEDROCK: Red B in. (22.00') Boring terminated	edium plasticity, stiff, dry, Brown Clay Overburden /EL with sand (GW); mostly some fine-coarse sand, Iry, dark reddish-brown, rel. ed Estimated-Hole caved	(14.0') 50% Rock 50% Sand	

								Client: Project: Pros Address:	LTD spect	E Boring No. Page:	ORING LOG S100 1 of 1	
Drilling Start Date:04/30/24Drilling End Date:04/30/24Drilling Company:Track-Mounted BackhoeDrilling Method:Track-Mounted BackhoeDrilling Equipment:Driller:Driller:John Pitts - Aggregate Carbon							e Cons	ulting LLC.	Boring Depth (ft):11Boring Diameter (in):0.0Sampling Method(s):N/ADTW During Drilling (ft):N/ADTW After Drilling (ft):N/AGround Surface Elev. (ft):N/ALocation (Lat, Long):I	-		
DEPTH (ft) LITHOLOGY	WATERLEVEL	BORING	Sample Type	Time	Blow Counts	Recovery (ft)	N Value RQD%	SOIL/ROCK VISI	UAL DESCRIPTION	RE	MARKS	DEPTH (ft)
	ES:							(0.00') Lean CLAY (CL); m dark reddish-brown, Hard ((5.00') Well-graded GRAV (GW-GC); mostly coarse g sand, few silt, trace clay, n reddish-brown, Dirty Grave (10.00') BEDROCK: Red E (11.00') Boring terminated	EL with clay and sand rained gravel, little medium hedium dense, dry, dark el with Sand	(5.0') 80% Rock	20% Sand	
NOT	23:											








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Drilling Sta Drilling En Drilling Co Drilling Me Drilling Eq Driller: Logged By	art Date ompan ethod: quipme	te: 04/ e: 04/ y: Tra ent: Joi	30/24 30/24 ack-M	ounte	d Bad	ckhod gate (e Cons	ulting LLC.	Boring Depth (ft):20Boring Diameter (in):0.0Sampling Method(s):N/ADTW During Drilling (ft):N/ADTW After Drilling (ft):N/AGround Surface Elev. (ft):N/ALocation (Lat, Long):Image: Construction (Construction)		
DEPTH (ft)	ГІТНОГОGY	WATER LEVEL BORING COMPLETION	Sample Type	Time	Blow Counts	Recovery (ft)	N Value RQD%	SOIL/ROCK VISI	JAL DESCRIPTION	REMARKS	DEPTH (ft)
	TES:							(0.00') Lean CLAY (CL); hi reddish-brown, Hard Clay ((12.00') Well-graded SAND grained sand, trace fine-cc dry, light reddish-brown, Fi (14.00') Well-graded GRAN coarse grained gravel, little silt, medium dense, dry, da Coarse Sand & Gravel (18.00') BEDROCK: Red E (20.00') Boring terminated	gh plasticity, stiff, dry, dark Overburden D (SW); mostly fine-medium varse gravel, trace silt, loose, ine to Medium Sand /EL with sand (GW); mostly e medium-coarse sand, trace ark reddish-brown, Very Bed Shale	(14.0') 80% Rock 20% Sand (18.0') Water @18'	
NOT	TES:										

								C P	lient: roject:	Pros	LTD spect		E Boring No.	SORING LOC S106	3	
		A	V					A	ddress:				Page:	1 of 1		
Drilling Drilling Drilling Drilling Driller: Logged	Start D End Da Compa Methoo Equipn By:	ate: ate: iny: d: nent:	04/3 04/3 Trac Johr	0/24 0/24 k-Ma	ounte ts - A	d Bad ggreg	ckho gate (e Cons	ulting LLC.		Boring Depth (ft): Boring Diameter (in): Sampling Method(s): DTW During Drilling (ft): DTW After Drilling (ft): Ground Surface Elev. (ft): Location (Lat, Long):	24 0.0 N/A N/A N/A				
DEPTH (ft)	ЛОПОВА	WATER LEVEL	BORING COMPLETION	Sample Type	Time	Blow Counts	Recovery (ft)	N Value RQD%	s	GOIL/ROCK VISI	JAL DESCRIPTION		RE	EMARKS		DEPTH (ft)
									(0.00') Sar silt, low pla Silty Clay ((18.00') Po sand, trace reddish-br lower coar (20.00') W coarse gra dense, dry Gravel (22.00') Be (24.00') Bo	borly graded SAI e fine gravel, me bown, Fine Pack i se layer. ell-graded SANIC ined sand, some , dark reddish-bu	CL); little fine sand, mostly dark reddish-brown, Sandy AD (SP); mostly fine grainer dium dense, dry, light Sand can be blended with D with gravel (SW); mostly e fine-coarse gravel, mediu rown, Good Coarse Sand & ied Shale Damp at Bottom	d m				
N	OTES	:														







Project: Project Location: Project Number:		og of Boring Sheet 1 of 1 도 스키				
Date(s) 2/30/24	Logged By John Pitts Jr.					
Driling Mathem Excavator	Dnii Bd	Total Depth				
Drill Rig Type	Dribng Contractor	Approximate Surface Elevation				
Groundwater Level and Date Measured	Sampling Method(s)	Hommer Data				
Boroholo Backin	Location					
Elevation (feet) Depth (feet) Sample Number Sampling Resistanco, blowraf(i USCS Symbol Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS				
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Project: Project Locati	on:					L	og of B	oring			
Project Numb	er:			16	5		Sne	et 1 of 1 S 64			
Date(s) 4	30	24			Logged By John Pitts Jr.		Checked By				
Draing Mathod Excavato	or		****		Dr.º Ba Szeffype		Total Depth of Borcholo				
Dn3 Rig Type					Onling Contractor		Approximate Surface Elevati	ation			
Groundwater Level and Date Measured			population (School)		Sampling Method(s)		Hammer Data	a Tha Ann a' Ann an			
Boroholo Backfill					Location	and an a start of the second start of the					
Elevation (feel) , Depth (feel)	Sample Numbar	Sampling Resistanco. blowsifi	USCS Symbol	Graphic Log	MATERIAL DESC	RIPTION		REMARKS AND OTHER TESTS			
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					Clay OB Fine - Phil Coarte Ste 80 El 205 P.X Bid	send	· · · · · · · · · · · · · · · · · · ·	Watar @ (8'

Project: Project Location: Project Number:	(o	og of Boring Sheet 1 of 1 565
Date(s) Drived 4/30/24 Drilling Method Excavator	Logged By John Pitts Jr. Det Ba Size(Type	Checked By Total Depth of Borcholo
Drið Rig Type Groupdwater Level	Drilling Contractor Sampling	Approximate Surface Elevation Hammer
and Date Measured Barchebo Backlifi	Method(s) Location	Data
Elevation (feel) Elevation (feel) Elevation (feel) Campto Typo Sampto Number Sampto Number Craptic Log Graptic Log	MATERIAL DESCRIPTION Tan 5,14, Jorn Hard) Peck W Fine 5,14 Sxn Hrace of grave NO 5+6 Estimated 100% Pass # 50 95% Pass # 100 Hole Caved in	REMARKS AND OTHER TESTS

Project Location: Project Number: 10/12 Dates Dates Dates Dates Dates U/30/24 Logged By John Pitts Jr. Checked By Total Depth d Boethod	Project:	Log of	Borina			
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Benchado BackAdd (100)	Groundwater Level and Date Measured	el Sampting Hammer ed Method(s) Data				
(190) (1	Borcholo Backfil	Location				
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oject Location: oject Number:		1	+1	14	L	og of B She	oring et 1 of 1 ACTPIT Nov
(3) 4/2./	24			Logged By John Pitts Jr.		Checked By	
ng Excavator	6-7	*****		Drill Ba		Total Depth	ana da la deveni de la companya de m
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kfill				Location	andre and the second	on all indication and search and	
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110,000	C INCOME.	Proj	ect:
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Log of Boring <u>560</u> Sheet 1 of 1

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Borcholo Backill			Location			ana ana amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o a
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Project: Project Location: Project Number:	10	Log of Boring Sheet 1 of 1 5 5 7		
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Drived () 36 (2.9	Dri Ba	Tolat Depih		
Drit Rig	SizerType Dnilling Contractor	Approximato		
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Backga	Clay OB Clay OB Clan 5+6 60R 1405 Red Bed	REMARKS AND OTHER TESTS		
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Groundwater Level and Date Measured	Groundwater Level Sampting Hammer							
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and Dale Measure	đ	· · · · · · · · · · · · · · · · · · ·			Method(s)		Data	
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histhod E	xcava	tor	,				Сла Вл Біде/Туро		of Borchole	
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