

Page      of     

**"Call-Out" - General Material Observation and Sampling Field Report**

	DAY	S	M	T	W	T	F	S
WEATHER	Sunny		Clear		Overcast		Rain	Snow
TEMP (°F)	Below 40		40 - 50		50 - 70		70 - 90	Above 90
WIND	Still		Moderate		High		Relates to PCN No.:	
HUMIDITY	Low		Moderate		High		21-2633-3	

Date: 6/15/2021

Contractor: \_\_\_\_\_

Project Name: (ATCCL21-001-22)

CQC Technician: CLIENT

- 1.) Existing Subgrade Soil   2) Existing Backfill   3) Import Fill   4) Aggregate Base Course   5) Gravel  
 6) HMAC   7.) Concrete Cores   8) Other: GRADATION AND HYDROMETER / PLASTICITY INDEX

Material Sampled (Proctor, HMAC, etc...)	Quantity	Visual Description of Material or Type
<u>B</u>	<u>7 - 1 GALLON</u>	<u>GRAB SAMPLES</u>
Remarks (Sample Location, etc....): <u>IT20-10, IT20-20, IT20-30, IT20-40, IT20-50</u> <u>TT20-10, TT 20-20</u>		

Material / Ground Temp. (°F): \_\_\_\_\_

Material Sampled (Proctor, HMAC, etc...)	Quantity	Visual Description of Material or Type
Remarks (Sample Location, etc....):		
Material / Ground Temp. (°F):		

FILE COPY

Comments: \_\_\_\_\_

Arrived at Site: 3:00 PM      Total Tech Time: \_\_\_\_\_      Stand by Time: \_\_\_\_\_

Departed from Site: \_\_\_\_\_

Acknowledgement of Field Tests and Report, please print and date: \_\_\_\_\_  
 (PRINT NAME)

06/15/21  
 (DATE)

Per authorized scope of work testing services performed on a "Call-Out" basis. Full time testing services may be requested by Client if authorized as an additional service. This field report contains information related to the referenced project and should be considered preliminary. Test results or data are subject to review prior to inclusion in our projects reports. Engineering evaluations or opinions regarding suitability of subject work or materials should not be constituted from this information. Requested testing services are performed under the supervision of \_\_\_\_\_ Any questions should be directed to CQC for clarification. This standard triplicate form and format should be considered a proprietary product of \_\_\_\_\_

- 1) Client - White      2) File - Yellow      3) General Contractor - Pink

**PROJECT ASTM SOIL CLASSIFICATION REPORT  
SOIL SIEVE ANALYSIS, HYDROMETER ANALYSIS  
ATTERBERG LIMITS, SOIL CLASSIFICATION  
TEST RESULTS**

CQC PROJECT NO: ATCQC21-001-22 (Misc.)  
PROJECT NAME: Laboratory Testing Services  
Fort Bliss Geotech Samples Project  
Certified Project Manager

REPORT DATE: 06/28/21  
CLIENT: [Redacted]

PCN No.: 21-2633-4  
SAMPLE NO.: 4

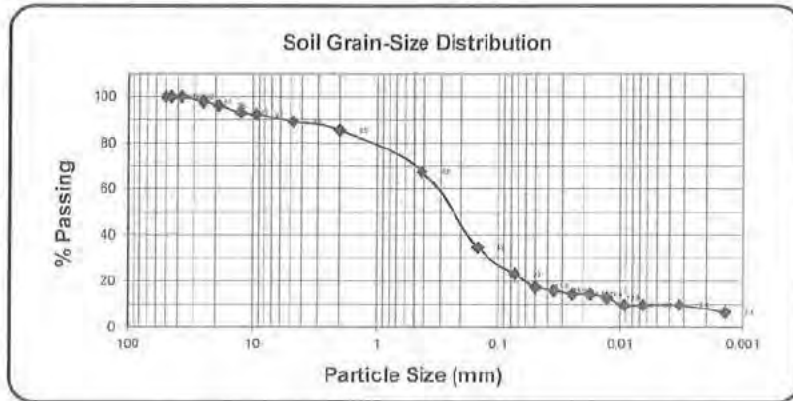
**SAMPLE INFORMATION:**

DELIVERED DATE: 6/15/2021      SAMPLED BY: Client      ARRIVAL TIME: NA  
SOIL SAMPLE LOCATION: Provided Soil Material (1-Gal. Bag) - IT20-40, approx. 0'-1/2' below existing grade elevation (Per Client).      DEPARTURE TIME: NA  
SPECIFIED USE: --      STAND-BY TIME: --  
SOIL / DESCRIPTION: Provided Soil Material (1-Gal. Bag) - Project Sample No. 4 (IT20-40) / Fine to Coarse Grained, Brown, Clayey Sand with some fine gravel.

**SAMPLE TEST RESULTS:**

Sieve Analysis Test: ASTM C 136, D 6913

Sieve Size/No.	Percent Retained	Percent Passing	Fill Material Specification % Passing
3"	0	100	*
1 1/2"	0	100	*
1"	2	98	*
3/4"	4	96	*
1/2"	7	93	*
3/8"	8	92	*
#4	11	89	*
#10	15	85	*
#40	32	68	*
#100	65	35	*
#200	76.8	23.2	*



Test Method: ASTM D 2487 - Soil Class: SC

Particle Size Distribution (Hydrometer Analysis): ASTM D7928

D (mm)	Mass Finer (%)
0.0498	17.5
0.0354	15.9
0.0251	14.4
0.0178	14.4
0.013	12.8
0.0093	9.6
0.0066	9.6
0.0033	9.6
0.0014	6.4

Estimated (%)	
Gravel	10.8
Sand	66.0
Fines	23.2
Silt	13.6
Clay	9.6

Atterberg Limits Test: ASTM D 4318

Limit Test	Index Test Result	Fill Material Specification
LL	26	*
PL	18	*
PI	8	*

Comment:  
NPT - Nonplastic by Test / NS - Not Specified / NV - No Value / NA - Non Applicable

Reference Specifications:  
(\*) Specification not provided by Client.

Remarks: \*Specification not provided by Client.

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1.) [Redacted]

Supervised and Reviewed By: [Redacted]

[Redacted Signature]



Page     of    

**"Call-Out" - General Material Observation and Sampling Field Report**

	DAY	S	M	<u>T</u>	W	T	F	S
WEATHER	<u>Sunny</u>		Clear		Overcast		Rain	Snow
TEMP (°F)	Below 40		40 - 50		<u>50 - 70</u>		70 - 90	Above 90
WIND	<u>Still</u>		Moderate		High		Relates to PCN No.:	
HUMIDITY	<u>Low</u>		Moderate		High		<u>21-2633-4</u>	

Date: 6/15/2021 Contractor: \_\_\_\_\_  
 Project Name: (ATCRL21-001-22) CQC Technician: CLIENT

- 1.) Existing Subgrade Soil   2) Existing Backfill   3) Import Fill   4) Aggregate Base Course   5) Gravel  
 6) HMAC   7.) Concrete Cores   (8) Other: GRADATION AND HYDROMETER / PLASTICITY INDEX.

Material Sampled (Proctor, HMAC, etc...)	Quantity	Visual Description of Material or Type
<u>8</u>	<u>7 - 1 GALLON</u>	<u>GRAB SAMPLES</u>
Remarks (Sample Location, etc....): <u>IT20-10, IT20-20, IT20-30, IT20-40, IT20-50</u> <u>TT20-10, TT20-20</u>		

Material / Ground Temp. (°F): \_\_\_\_\_

Material Sampled (Proctor, HMAC, etc...)	Quantity	Visual Description of Material or Type
Remarks (Sample Location, etc....):		
Material / Ground Temp. (°F):		

FILE COPY

Comments: \_\_\_\_\_

Arrived at Site: 3:00 PM Total Tech Time: \_\_\_\_\_ Stand by Time: \_\_\_\_\_

Departed from Site: \_\_\_\_\_

Acknowledgement of Field Tests and Report, please print and date:  
\_\_\_\_\_  
(PRINT NAME)  
6/15/21  
(DATE)

Per authorized scope of work testing services performed on a "Call-Out" basis. Full time testing services may be requested by Client if authorized as an additional service. This field report contains information related to the referenced project and should be considered preliminary. Test results or data are subject to review prior to inclusion in our projects reports. Engineering evaluations or opinions regarding suitability of subject work or materials should not be constituted from this information. Requested testing services are performed under the supervision of \_\_\_\_\_ Any questions should be directed to \_\_\_\_\_ for clarification. This standard triplicate form and format should be considered a proprietary product of \_\_\_\_\_

- 1) Client - White   2) File - Yellow   3) General Contractor - Pink

**PROJECT ASTM SOIL CLASSIFICATION REPORT  
SOIL SIEVE ANALYSIS, HYDROMETER ANALYSIS  
ATTERBERG LIMITS, SOIL CLASSIFICATION  
TEST RESULTS**

CQC PROJECT NO: ATCQC21-001-22 (Misc.)  
PROJECT NAME: Laboratory Testing Services  
Fort Bliss Geotech Samples Project  
[Redacted]  
Certified Project Manager

REPORT DATE: 06/30/21  
CLIENT: [Redacted]

PCN No.: 21-2633-5  
SAMPLE NO.: 5

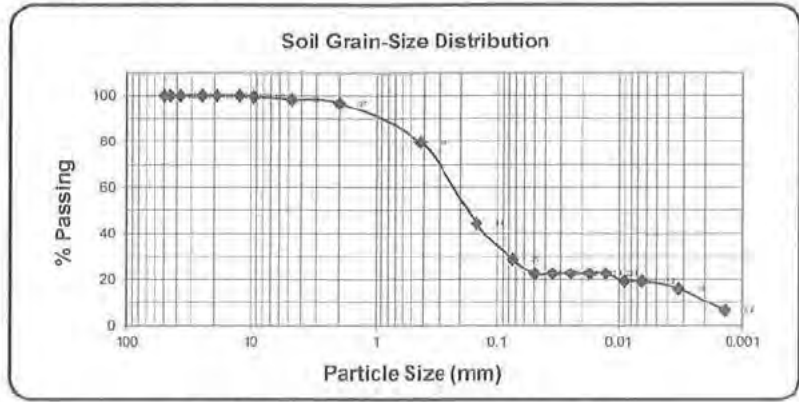
**SAMPLE INFORMATION:**

DELIVERED DATE: 6/15/2021      SAMPLED BY: Client      ARRIVAL TIME: NA  
SOIL SAMPLE LOCATION: Provided Soil Material (1-Gal. Bag) - IT20-50, approx. 0'-1/2' below existing grade elevation (Per Client).      DEPARTURE TIME: NA  
SPECIFIED USE: -      STAND-BY TIME: -  
SOIL / DESCRIPTION: Provided Soil Material (1-Gal. Bag) - Project Sample No. 5 (IT20-50) / Fine to Medium Grained, Brown, Clayey Sand with traces of fine gravel.

**SAMPLE TEST RESULTS:**

Sieve Analysis Test: ASTM C 136, D 6913

Sieve Size/No.	Percent Retained	Percent Passing	Fill Material Specification % Passing
3"	0	100	*
1 1/2"	0	100	*
1"	0	100	*
3/4"	0	100	*
1/2"	0	100	*
3/8"	0	100	*
#4	2	98	*
#10	3	97	*
#40	20	80	*
#100	56	44	*
#200	71.2	28.8	*



D10= 0.03  
D30= 0.08  
D60= 0.27  
Cc= 0.92  
Cu= 10.43

Test Method: ASTM D 2487 - Soil Class: SC

Particle Size Distribution (Hydrometer Analysis): ASTM D7928

D (mm)	Mass Finer (%)
0.0495	22.4
0.035	22.4
0.0248	22.4
0.0175	22.4
0.0128	22.4
0.0091	19.2
0.0065	19.2
0.0033	16.0
0.0014	6.4

Estimated (%)	
Gravel	1.6
Sand	69.6
Fines	28.8
Silt	9.6
Clay	16.0

Atterberg Limits Test: ASTM D 4318

Limit Test	Index Test Result	Fill Material Specification
LL	26	*
PL	16	+
PI	10	*

Comment:  
NPT- Nonplastic by Test / NS - Not Specified / NV - No Value / NA - Non Applicable

Reference Specifications:  
(1) Specification not provided by Client.

Remarks: \*Specification not provided by Client.

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Supervised and Reviewed By:

[Redacted Signature]



Page      of     

**"Call-Out" - General Material Observation and Sampling Field Report**

	DAY	S	M	T	W	T	F	S
WEATHER	Sunny		Clear		Overcast		Rain	Snow
TEMP (°F)	Below 40		40 - 50		50 - 70		70 - 90	Above 90
WIND	Still		Moderate		High	Relates to PCN No.:		
HUMIDITY	Low		Moderate		High	21-2633-9		

Date: 6/15/2021

Contractor: \_\_\_\_\_

Project Name:                     (ATCRL21-001-22)

CQC Technician: CLIENT

- 1.) Existing Subgrade Soil    2) Existing Backfill    3) Import Fill    4) Aggregate Base Course    5) Gravel  
 6) HMAC    7.) Concrete Cores    (8) Other: GRADATION AND HYDROMETER / PLASTICITY INDEX

Material Sampled (Proctor, HMAC, etc...)	Quantity	Visual Description of Material or Type
B	7 - 1 GALLON	GRAB SAMPLES

Remarks (Sample Location, etc....):  
IT20-10, IT20-20, IT20-30, IT20-40, IT20-50  
TT20-10, TT 20-20

Material / Ground Temp. (°F): \_\_\_\_\_

Material Sampled (Proctor, HMAC, etc...)	Quantity	Visual Description of Material or Type

Remarks (Sample Location, etc....):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Material / Ground Temp. (°F): \_\_\_\_\_

FILE COPY

Comments: \_\_\_\_\_

Arrived at Site: 3:00 PM      Total Tech Time: \_\_\_\_\_      Stand by Time: \_\_\_\_\_

Departed from Site: \_\_\_\_\_

Acknowledgement of Field Tests and Report, please print and date: \_\_\_\_\_  
 (PRINT NAME)

06/15/21  
 (DATE)

Per authorized scope of work testing services performed on a "Call-Out" basis. Full time testing services may be requested by Client if authorized as an additional service. This field report contains information related to the referenced project and should be considered preliminary. Test results or data are subject to review prior to inclusion in our projects reports. Engineering evaluations or opinions regarding suitability of subject work or materials should not be constituted from this information. Requested testing services are performed under the supervision of \_\_\_\_\_ Any questions should be directed to \_\_\_\_\_ for clarification. This standard triplicate form and format should be considered a proprietary product of \_\_\_\_\_

- 1) Client - White    2) File - Yellow    3) General Contractor - Pink

**PROJECT ASTM SOIL CLASSIFICATION REPORT  
SOIL SIEVE ANALYSIS, HYDROMETER ANALYSIS  
ATTERBERG LIMITS, SOIL CLASSIFICATION  
TEST RESULTS**

CQC PROJECT NO: ATCQC21-001-22 (Misc.)  
PROJECT NAME: Laboratory Testing Services  
Fort Bliss Geotech Samples Project  
Certified Project Manager

REPORT DATE: 07/01/21  
CLIENT:

PCN No.: 21-2633-6  
SAMPLE NO.: 6

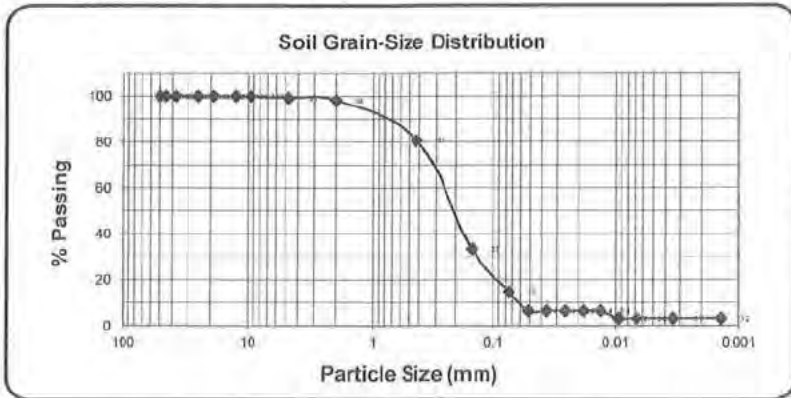
**SAMPLE INFORMATION:**

DELIVERED DATE: 6/15/2021      SAMPLED BY: Client      ARRIVAL TIME: NA  
SOIL SAMPLE LOCATION: Provided Soil Material (1-Gal. Bag) - TT20-10, approx. 0'-1/2' below existing grade elevation (Per Client).      DEPARTURE TIME: NA  
SPECIFIED USE: -      STAND-BY TIME: -  
SOIL / DESCRIPTION: Provided Soil Material (1-Gal. Bag) - Project Sample No. 6 (TT20-10) / Fine to Medium Grained, Brown, Silty Sand.

**SAMPLE TEST RESULTS:**

Sieve Analysis Test: ASTM C 136, D 6913

Sieve Size/No.	Percent Retained	Percent Passing	Fill Material Specification % Passing
3"	0	100	*
1 1/2"	0	100	*
1"	0	100	*
3/4"	0	100	*
1/2"	0	100	*
3/8"	0	100	*
#4	1	99	*
#10	2	98	*
#40	19	81	*
#100	67	33	*
#200	85.1	14.9	*



D10= 0.05  
D30= 0.14  
D60= 0.30  
Cc= 1.21  
Cu= 6.04

Test Method: ASTM D 2487 - Soil Class: SM

Particle Size Distribution (Hydrometer Analysis): ASTM D7928

D (mm)	Mass Finer (%)
0.0515	6.4
0.0364	6.4
0.0258	6.4
0.0182	6.4
0.0133	6.4
0.0095	3.2
0.0067	3.2
0.0034	3.2
0.0014	3.2

Estimated (%)	
Gravel	0.8
Sand	84.4
Fines	14.9
Silt	11.7
Clay	3.2

Atterberg Limits Test: ASTM D 4318

Limit Test	Index Test Result	Fill Material Specification
LL	NV	*
PL	NV	*
PI	NPT	*

Comment:  
NPT- Nonplastic by Test / NS - Not Specified / NV - No Value / NA - Non Applicable

Reference Specifications:  
[1] Specification not provided by Client.

Remarks: \*Specification not provided by Client.

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Supervised and Reviewed By:

[Signature]



	DAY	S	M	<u>T</u>	W	T	F	S
WEATHER	<u>Sunny</u>		Clear		Overcast		Rain	Snow
TEMP (°F)	Below 40		40 - 50		<u>50 - 70</u>		70 - 90	Above 90
WIND	<u>Still</u>		Moderate		High		Relates to PCN No.:	
HUMIDITY	<u>Low</u>		Moderate		High		<u>21-2633-6</u>	

Date: 6/15/2021 Contractor: \_\_\_\_\_  
 Project Name: (ATCRL21-001-22) CQC Technician: CLIENT

- 1.) Existing Subgrade Soil    2) Existing Backfill    3) Import Fill    4) Aggregate Base Course    5) Gravel  
 6) HMAC    7.) Concrete Cores    8) Other: GRADATION AND HYDROMETER / PLASTICITY INDEX

Material Sampled (Proctor, HMAC, etc...)	Quantity	Visual Description of Material or Type
<u>B</u>	<u>7-1 GALLON</u>	<u>GRAB SAMPLES</u>
Remarks (Sample Location, etc....): <u>IT20-10, IT20-20, IT20-30, IT20-40, IT20-50</u> <u>TT20-10, TT 20-20</u>		

Material / Ground Temp. (°F):		
Material Sampled (Proctor, HMAC, etc...)	Quantity	Visual Description of Material or Type
Remarks (Sample Location, etc....):		
Material / Ground Temp. (°F):		

FILE COPY

Comments: \_\_\_\_\_

Arrived at Site: 3:00 PM Total Tech Time: \_\_\_\_\_ Stand by Time: \_\_\_\_\_

Departed from Site: \_\_\_\_\_

Acknowledgement of Field Tests and Report, please print and date: \_\_\_\_\_  
 (PRINT NAME)  
6/15/21  
 (DATE)

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- 1) Client - White    2) File - Yellow    3) General Contractor - Pink

**PROJECT ASTM SOIL CLASSIFICATION REPORT  
SOIL SIEVE ANALYSIS, HYDROMETER ANALYSIS  
ATTERBERG LIMITS, SOIL CLASSIFICATION  
TEST RESULTS**

CQC PROJECT NO: ATCQC21-001-22 (Misc.)  
PROJECT NAME: Laboratory Testing Services  
Fort Bliss Geotech Samples Project  
Certified Project Manager

REPORT DATE: 07/02/21  
CLIENT:

PCN No.: 21-2633-7  
SAMPLE NO.: 7

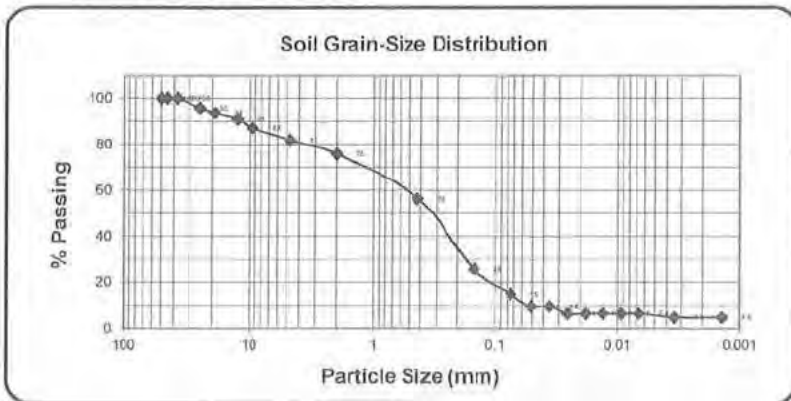
**SAMPLE INFORMATION:**

DELIVERED DATE: 6/15/2021      SAMPLED BY: Client      ARRIVAL TIME: NA  
SOIL SAMPLE LOCATION: Provided Soil Material (1-Gal. Bag) - TT20-20, approx. 0'-1/2' below existing grade elevation (Per Client).      DEPARTURE TIME: NA  
SPECIFIED USE: --      STAND-BY TIME: --  
SOIL / DESCRIPTION: Provided Soil Material (1-Gal. Bag) - Project Sample No. 7 (TT20-20) / Fine to Coarse Grained, Brown, Silty Sand with gravel.

**SAMPLE TEST RESULTS:**

Sieve Analysis Test: ASTM C 136, D 6913

Sieve Size/No.	Percent Retained	Percent Passing	Fill Material Specification % Passing
3"	0	100	*
1 1/2"	0	100	*
1"	4	96	*
3/4"	6	94	*
1/2"	9	91	*
3/8"	13	87	*
#4	18	82	*
#10	24	76	*
#40	44	56	*
#100	74	26	*
#200	85.1	14.9	*



D10= 0.05  
D30= 0.19  
D60= 0.71  
Cc= 0.97  
Cu= 14.18

Test Method: ASTM D 2487 - Soil Class: SM

Particle Size Distribution (Hydrometer Analysis): ASTM D7928

D (mm)	Mass Finer (%)
0.051	9.6
0.0361	9.6
0.0258	6.4
0.0182	6.4
0.0133	6.4
0.0094	6.4
0.0067	6.4
0.0034	4.8
0.0014	4.8

Estimated (%)	
Gravel	18.1
Sand	67.0
Fines	14.9
Silt	8.5
Clay	4.8

Atterberg Limits Test: ASTM D 4318

Limit Test	Index Test Result	Fill Material Specification
LL	NV	*
PL	NV	*
PI	NPT	*

Comment:  
NPT - Nonplastic by Test / NS - Not Specified / NV - No Value / NA - Non Applicable

Reference Specifications:

(\*) Specification not provided by Client.

Remarks: \*Specification not provided by Client.

**REPORT DISTRIBUTION**

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Supervised and Reviewed By:

[Redacted Signature]

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	DAY	S	M	T	W	T	F	S
WEATHER	Sunny		Clear		Overcast		Rain	Snow
TEMP (°F)	Below 40		40 - 50		50 - 70		70 - 90	Above 90
WIND	Still		Moderate		High	Relates to PCN No.:		
HUMIDITY	Low		Moderate		High	21-2633		

Date: 6/15/2021 Contractor: \_\_\_\_\_  
 Project Name: (ATCRL21-001-22) CQC Technician: CLIENT

- 1.) Existing Subgrade Soil   2) Existing Backfill   3) Import Fill   4) Aggregate Base Course   5) Gravel  
 6) HMAC   7.) Concrete Cores   8) Other: GRADATION AND HYDROMETER / PLASTICITY INDEX.

Material Sampled (Proctor, HMAC, etc...)	Quantity	Visual Description of Material or Type
8	7 - 1 GALLON	GRAB SAMPLES
Remarks (Sample Location, etc....): <u>IT20-10, IT20-20, IT20-30, IT20-40, IT20-50</u> <u>TT20-10, TT20-20</u>		

**Material / Ground Temp. (°F):**

Material Sampled (Proctor, HMAC, etc...)	Quantity	Visual Description of Material or Type
Remarks (Sample Location, etc....):		

FILE COPY

Comments: \_\_\_\_\_

Arrived at Site: 3<sup>00</sup>PM Total Tech Time: \_\_\_\_\_ Stand by Time: \_\_\_\_\_

Departed from Site: \_\_\_\_\_

Acknowledgement of Field Tests and Report, please print and date: \_\_\_\_\_  
(PRINT NAME)  
06/15/21  
(DATE)

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