APPENDIX F

Laboratory Results, Soil Physical Parameters

T N and Associates, Inc. **SOILS REPORT** (775) 267-0566

Project: UNR
Client: McGinley and Associates
Sample #s:
Location/Source:
Material:

Date: February 5, 2002
Project #: 2002014
Lab #: CVL00-304
Sample Date: 1/17/02
Sampled By: D. Yohey

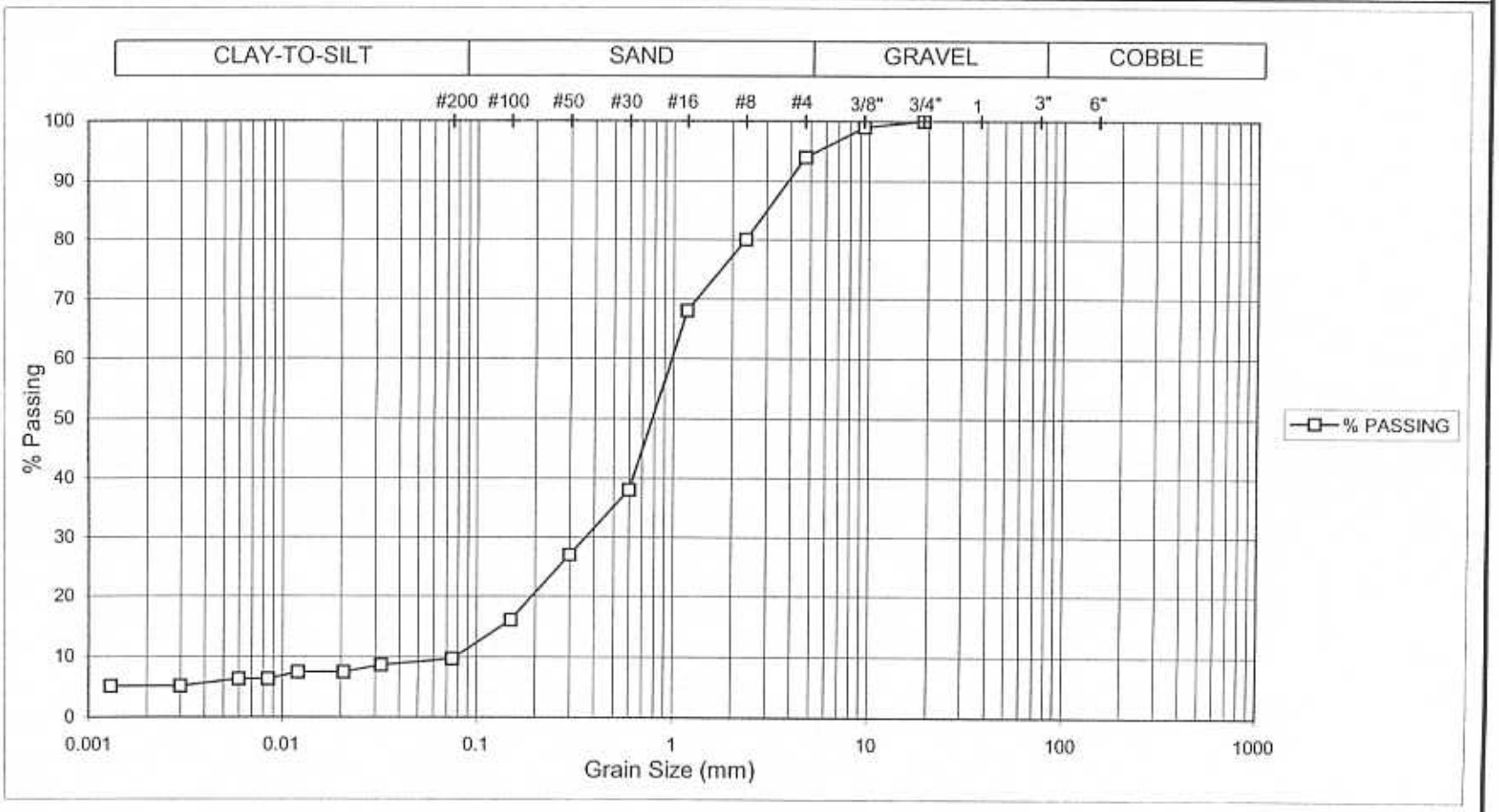
Sample Number	Depth	Date	T.O.C * (%) ASTM D2974	Water Content (%) ASTM D2216	Wet Density (pcf)	Dry Density (pcf) ASTM D2937	-200 (%) ASTM C117	Sieve & Hydrom. ASTM D422	pH ASTM D4972	Specific Gravity ASTM D854	Theo. Porosity		
USTP-3 at 4		1/17/2002	0.31	4.0	102.7	98.8	9.6	SEE ATTACHED REPORTS	7.7	2.628	39.8		
USTP-11 at 4		1/17/2002	0.39	5.6	77.7	73.6	9.3		7.8	2.666	55.7		
USTP-26 at 4		1/17/2002	n/a	9.4	83.0	75.9	14		7.5	2.663	54.3		
LSTP-4 at 4		1/18/2002	0.66	10.5	95.0	86.0	31.8		7.7	2.615	47.3		
LSTP-20 at 4		1/18/2002	0.66	13.9	95.9	84.2	31.2		7.6	2.632	51.3		
LSTP-37 at 4		1/21/2002	n/a	11.7	113.0	101.2	16.9		7.4	2.641	38.6		
LSTP-48 at 4		1/21/2002	n/a	7.2	85.3	79.6	31.4		7.3	2.667	52.2		

Collette Teasdale 2-5-02
Laboratory Manager Date

*Note-Total Organic Content

T N & Associates, Inc. **GRAIN SIZE DISTRIBUTION**

Project:	UNR	Date:	2/5/02
Client:	McGinley & Associates	Project #:	2002014
Source/Location:	USTP-3 @4'	Lab # :	CVL00304
Material Description:	Light Olive Brown Silty Sand w/ gravel	Date Tested:	Jan. 28, 2002



Reported By: Collette Tieuscher

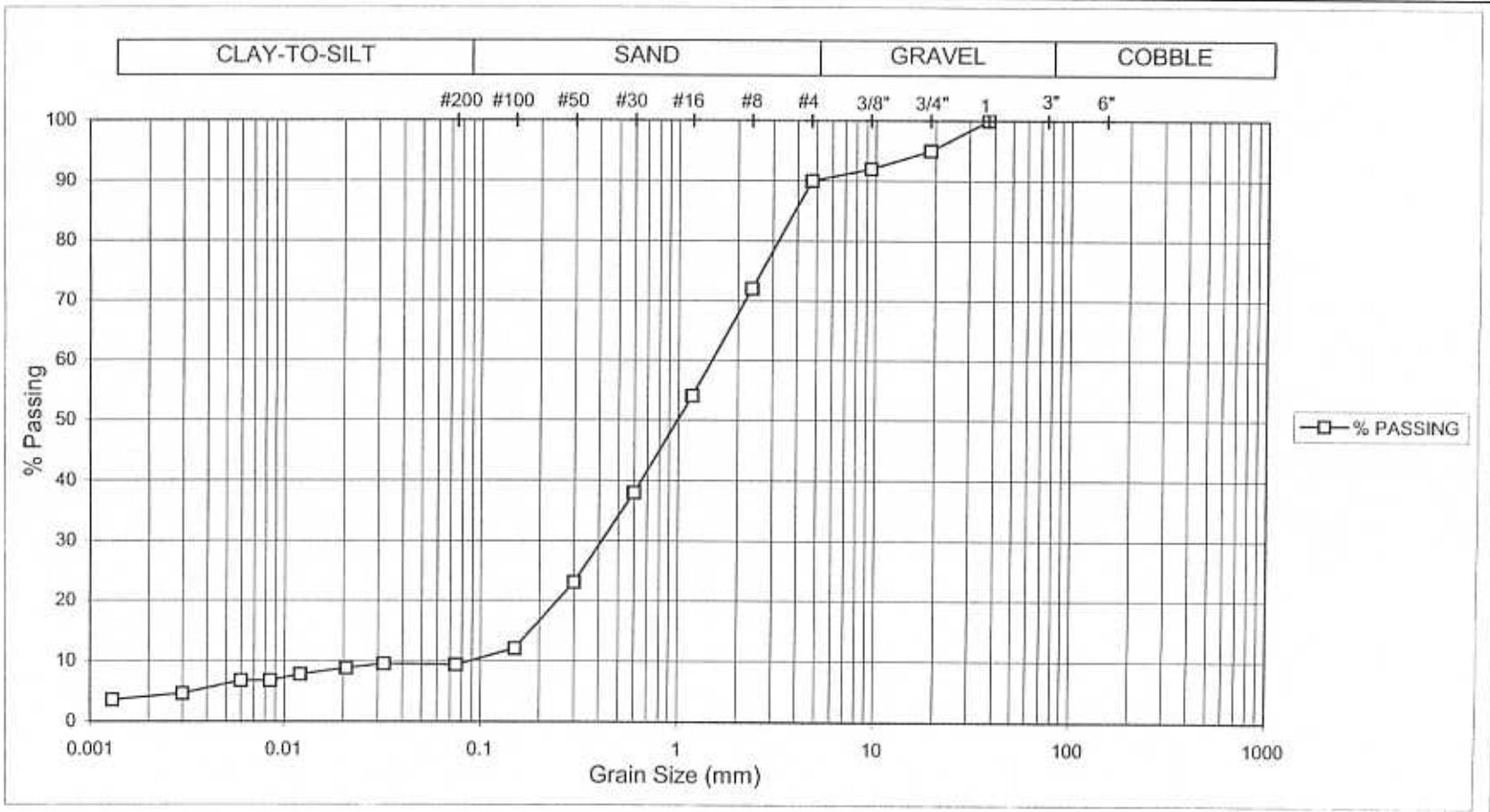
Grain Size Distribution

SIEVE SIZE	PARTICLE DIAMETER	% PASSING
6"	152.0000	
3"	76.0000	
1 1/2"	37.5000	
3/4"	19.0000	100.0
3/8"	9.5000	99.0
#4	4.7500	94.0
#8	2.3600	80.0
#16	1.1800	68.0
#30	0.6000	38.0
#50	0.3000	27.0
#100	0.1500	16.0
#200	0.0750	9.6
2 min	0.0323	8.6
5 min	0.0208	7.4
15 min	0.0121	7.4
30 min	0.0085	6.2
60 min	0.0060	6.2
250 min	0.0030	5.1
1440 min	0.0013	5.1

Project:	UNR	Date:	2/5/02
Client:	McGinley & Associates	Project #:	2002014
Source/Location:	USTP-3 @4'	Lab # :	CVL00304
Material Description:	Light Olive Brown Silty Sand w/ gravel	Date Tested:	Jan. 28, 2002

T N & Associates, Inc. GRAIN SIZE DISTRIBUTION

Project:	UNR	Date:	2/5/02
Client:	McGinley & Associates	Project #:	2002014
Source/Location:	USTP-11 @4'	Lab # :	CVL00304
Material Description:	Light Yellowish Brown Silty Sand w/ gravel	Date Tested:	Jan. 28, 2002



Reported By: Collette Teuscher

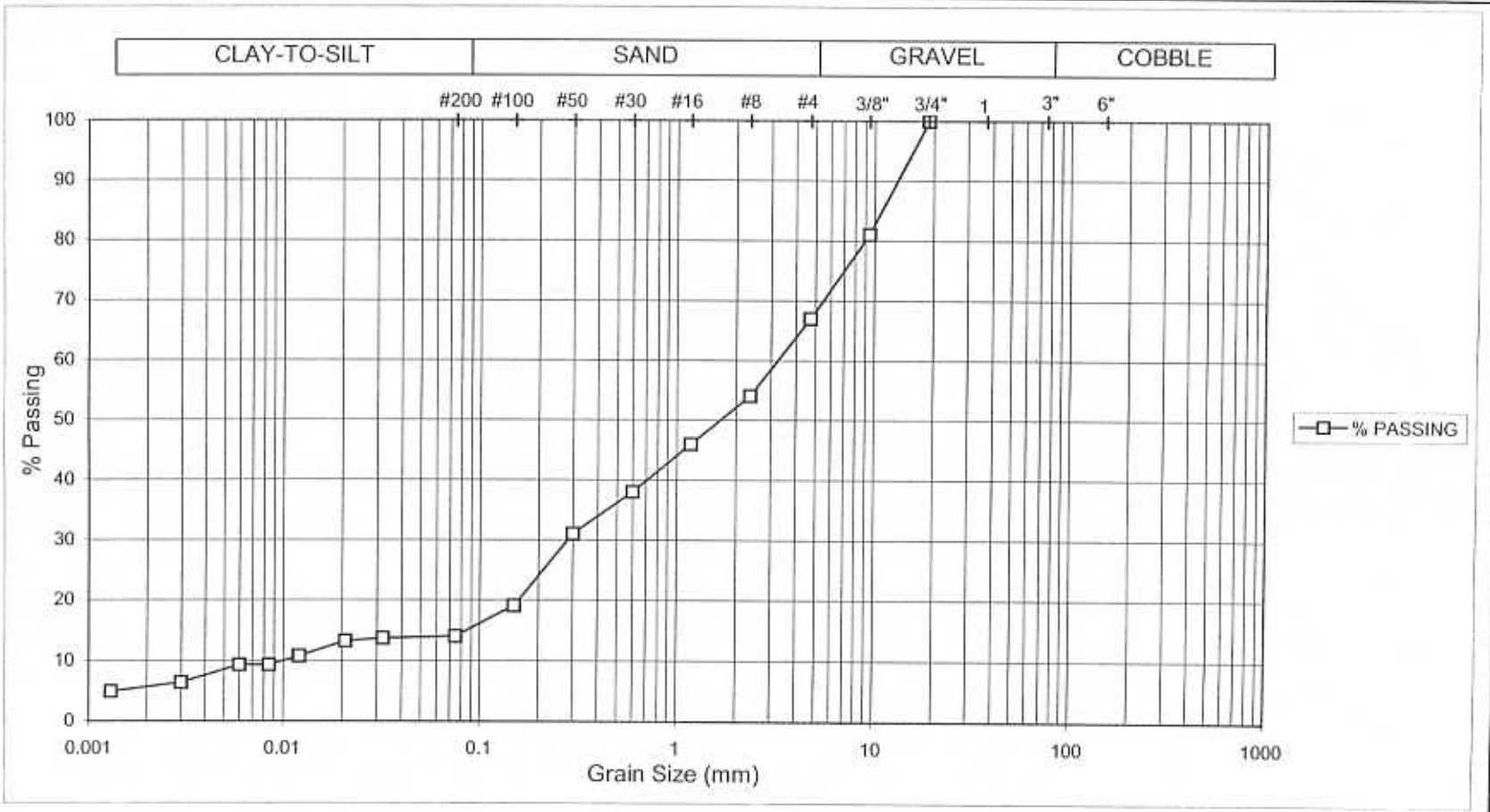
Grain Size Distribution

SIEVE SIZE	PARTICLE DIAMETER	% PASSING
6"	152.0000	
3"	76.0000	
1 1/2"	37.5000	100.0
3/4"	19.0000	95.0
3/8"	9.5000	92.0
#4	4.7500	90.0
#8	2.3600	72.0
#16	1.1800	54.0
#30	0.6000	38.0
#50	0.3000	23.0
#100	0.1500	12.0
#200	0.0750	9.3
2 min	0.0323	9.5
5 min	0.0208	8.8
15 min	0.0121	7.7
30 min	0.0085	6.7
60 min	0.0060	6.7
250 min	0.0030	4.6
1440 min	0.0013	3.5

Project:	UNR	Date:	2/5/02
Client:	McGinley & Associates	Project #:	2002014
Source/Location:	USTP-11 @4'	Lab # :	CVL00304
Material Description:	Light Yellowish Brown Silty Sand w/ gravel	Date Tested:	Jan. 28, 2002

T N & Associates, Inc. **GRAIN SIZE DISTRIBUTION**

Project:	UNR	Date:	2/5/02
Client:	McGinley & Associates	Project #:	2002014
Source/Location:	USTP-26 @4'	Lab # :	CVL00304
Material Description:	Very Dark Grayish Brown Brown Silty Sand w/ gravel	Date Tested:	Jan. 28, 2002



Reported By: Collette Teacher

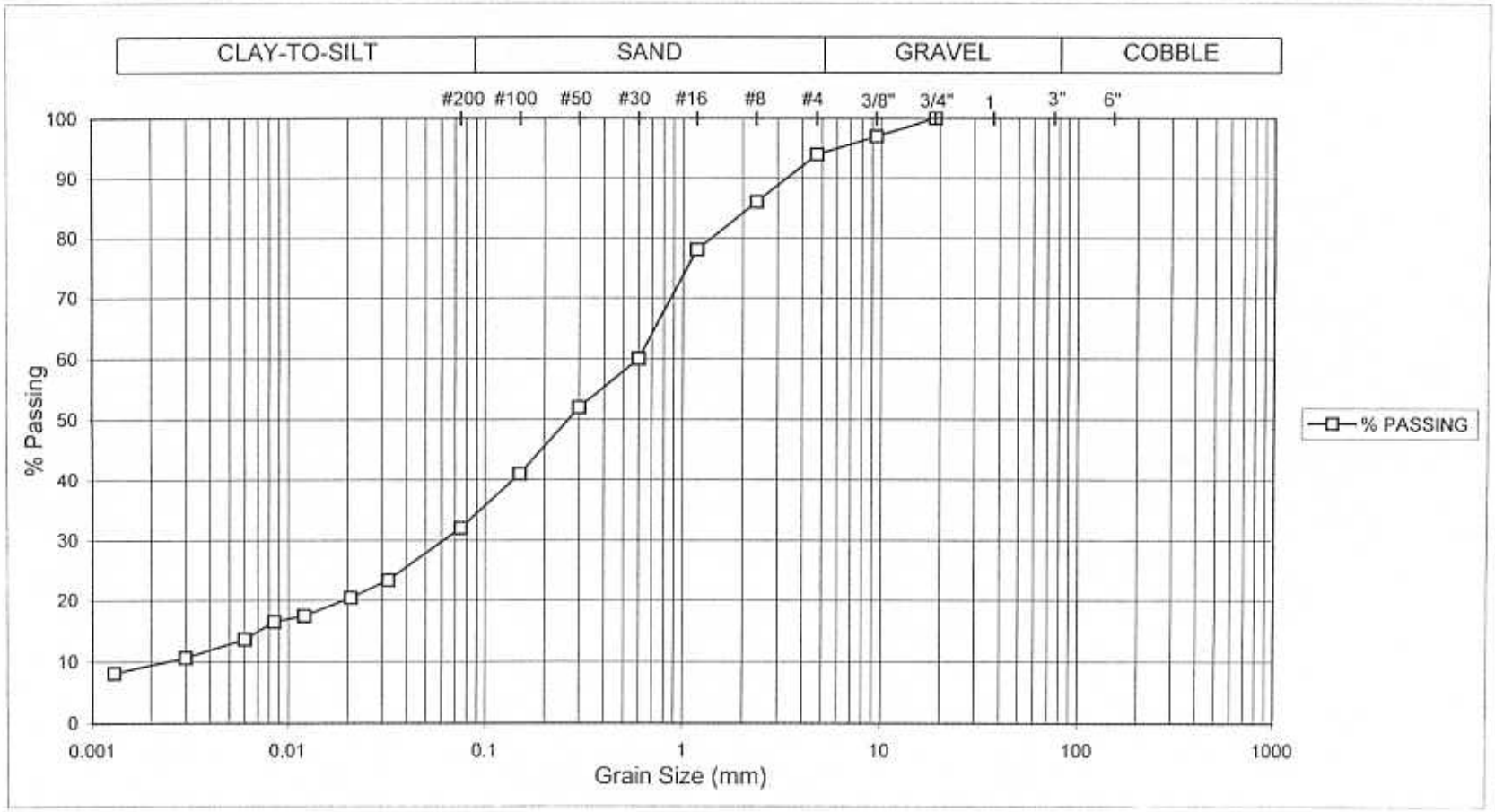
Grain Size Distribution

SIEVE SIZE	PARTICLE DIAMETER	% PASSING
6"	152.0000	
3"	76.0000	
1 1/2"	37.5000	
3/4"	19.0000	100.0
3/8"	9.5000	81.0
#4	4.7500	67.0
#8	2.3600	54.0
#16	1.1800	46.0
#30	0.6000	38.0
#50	0.3000	31.0
#100	0.1500	19.0
#200	0.0750	14.0
2 min	0.0323	13.7
5 min	0.0208	13.2
15 min	0.0121	10.7
30 min	0.0085	9.3
60 min	0.0060	9.3
250 min	0.0030	6.3
1440 min	0.0013	4.9

Project:	UNR	Date:	2/5/02
Client:	McGinley & Associates	Project #:	2002014
Source/Location:	USTP-26 @4'	Lab # :	CVL00304
Material Description:	Very Dark Grayish Brown Brown Silty Sand w/ gravel	Date Tested:	Jan. 28, 20

T N & Associates, Inc. **GRAIN SIZE DISTRIBUTION**

Project:	UNR	Date:	2/5/02
Client:	McGinley & Associates	Project #:	2002014
Source/Location:	LSTP-4 @4'	Lab # :	CVL00304
Material Description:	Olive Brown Silty Sand w/gravel	Date Tested:	Jan. 28, 2002



Reported By: Collette Teuscher

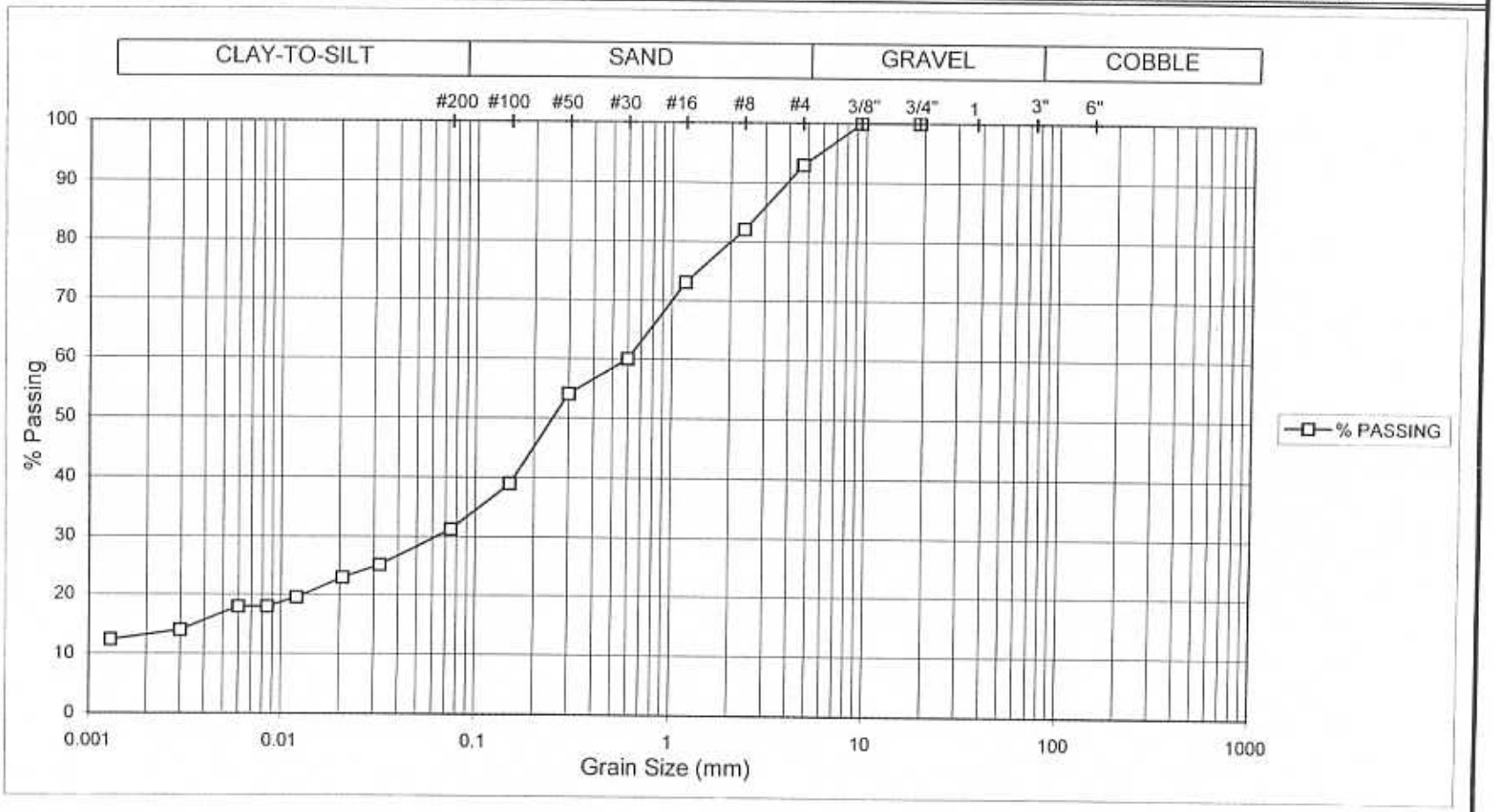
Grain Size Distribution

SIEVE SIZE	PARTICLE DIAMETER	% PASSING
6"	152.0000	
3"	76.0000	
1 1/2"	37.5000	
3/4"	19.0000	100.0
3/8"	9.5000	97.0
#4	4.7500	94.0
#8	2.3600	86.0
#16	1.1800	78.0
#30	0.6000	60.0
#50	0.3000	52.0
#100	0.1500	41.0
#200	0.0750	32.0
2 min	0.0323	23.3
5 min	0.0208	20.4
15 min	0.0121	17.4
30 min	0.0085	16.5
60 min	0.0060	13.6
250 min	0.0030	10.6
1440 min	0.0013	8.1

Project:	UNR	Date:	2/5/02
Client:	McGinley & Associates	Project #:	2002014
Source/Location:	LSTP-4 @4'	Lab # :	CVL00304
Material Description:	Olive Brown Silty Sand w/gravel	Date Tested:	Jan. 28, 20

T N & Associates, Inc. **GRAIN SIZE DISTRIBUTION**

Project:	UNR	Date:	2/5/02
Client:	McGinley & Associates	Project #:	2002014
Source/Location:	LSTP-20 @4'	Lab # :	CVL00304
Material Description:	Dark Grayish Brown Silty Sand w/ gravel	Date Tested:	Jan. 28, 2002



Reported By: Collette Tiemacher

Grain Size Distribution

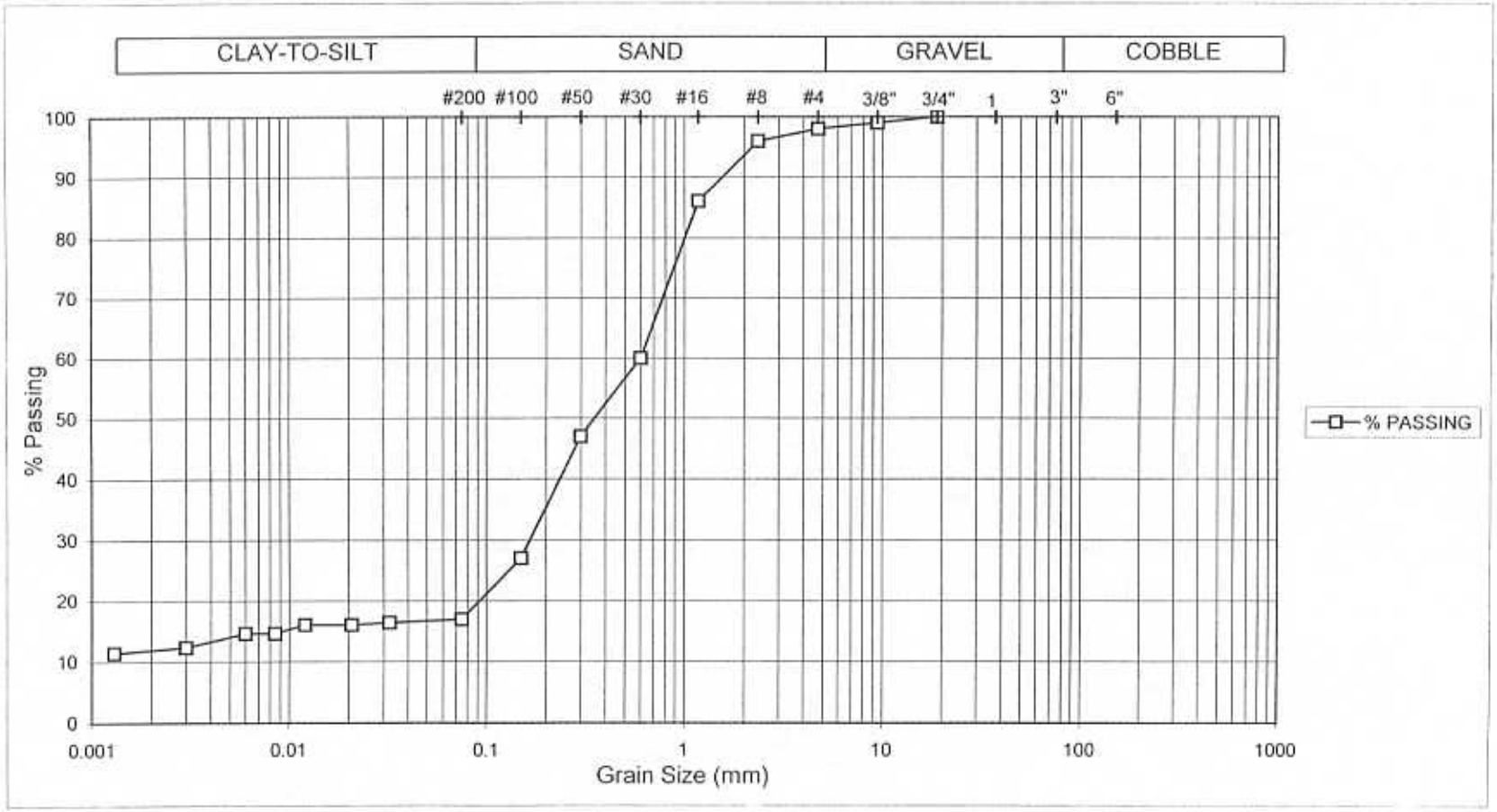
SIEVE SIZE	PARTICLE DIAMETER	% PASSING
6"	152.0000	
3"	76.0000	
1 1/2"	37.5000	
3/4"	19.0000	100.0
3/8"	9.5000	100.0
#4	4.7500	93.0
#8	2.3600	82.0
#16	1.1800	73.0
#30	0.6000	60.0
#50	0.3000	54.0
#100	0.1500	39.0
#200	0.0750	31.2
2 min	0.0323	25.1
5 min	0.0208	22.9
15 min	0.0121	19.5
30 min	0.0085	17.9
60 min	0.0060	17.9
250 min	0.0030	13.9
1440 min	0.0013	12.3

Project:	UNR	Date:	2/5/02
Client:	McGinley & Associates	Project #:	2002014
Source/Location:	LSTP-20 @4'	Lab # :	CVL00304
Material Description:	Dark Grayish Brown Silty Sand w/ gravel	Date Tested:	Jan. 28, 2002

T N & Associates, Inc.

GRAIN SIZE DISTRIBUTION

Project:	UNR	Date:	2/5/02
Client:	McGinley & Associates	Project #:	2002014
Source/Location:	LSTP-37 @4'	Lab # :	CVL00304
Material Description:	Dark Brown Silty Sand w/ gravel	Date Tested:	Jan. 28, 2002



Reported By: Collette Tieescher

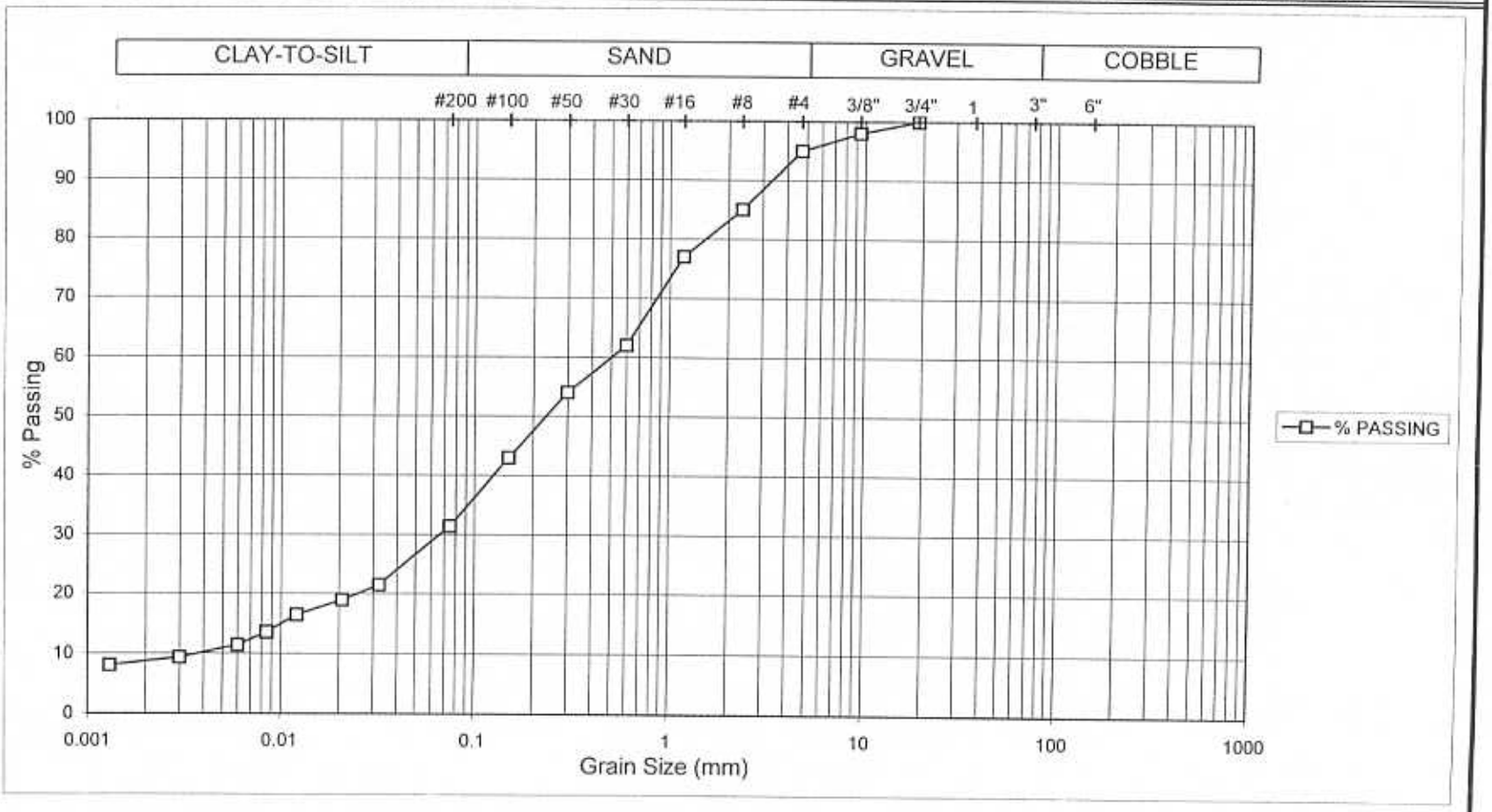
Grain Size Distribution

SIEVE SIZE	PARTICLE DIAMETER	% PASSING
6"	152.0000	
3"	76.0000	
1 1/2"	37.5000	
3/4"	19.0000	100.0
3/8"	9.5000	99.0
#4	4.7500	98.0
#8	2.3600	96.0
#16	1.1800	86.0
#30	0.6000	60.0
#50	0.3000	47.0
#100	0.1500	27.0
#200	0.0750	16.9
2 min	0.0323	16.4
5 min	0.0208	16.0
15 min	0.0121	16.0
30 min	0.0085	14.6
60 min	0.0060	14.6
250 min	0.0030	12.3
1440 min	0.0013	11.4

Project:	UNR	Date:	2/5/02
Client:	McGinley & Associates	Project #:	2002014
Source/Location:	LSTP-37 @4'	Lab # :	CVL00304
Material Description:	Dark Brown Silty Sand w/ gravel	Date Tested:	Jan. 28, 2002

T N & Associates, Inc. **GRAIN SIZE DISTRIBUTION**

Project:	UNR	Date:	2/5/02
Client:	McGinley & Associates	Project #:	2002014
Source/Location:	LSTP-48 @4'	Lab # :	CVL00304
Material Description:	Brown Clayey Silty Sand w/ gravel	Date Tested:	Jan. 28, 2002



Reported By: Collette Tausche

Grain Size Distribution

SIEVE SIZE	PARTICLE DIAMETER	% PASSING
6"	152.0000	
3"	76.0000	
1 1/2"	37.5000	
3/4"	19.0000	100.0
3/8"	9.5000	98.0
#4	4.7500	95.0
#8	2.3600	85.0
#16	1.1800	77.0
#30	0.6000	62.0
#50	0.3000	54.0
#100	0.1500	43.0
#200	0.0750	31.4
2 min	0.0323	21.4
5 min	0.0208	18.9
15 min	0.0121	16.4
30 min	0.0085	13.5
60 min	0.0060	11.4
250 min	0.0030	9.3
1440 min	0.0013	8.0

Project:	UNR	Date:	2/5/02
Client:	McGinley & Associates	Project #:	2002014
Source/Location:	LSTP-48 @4'	Lab # :	CVL00304
Material Description:	Brown Clayey Silty Sand w/ gravel	Date Tested:	Jan. 28, 2002