

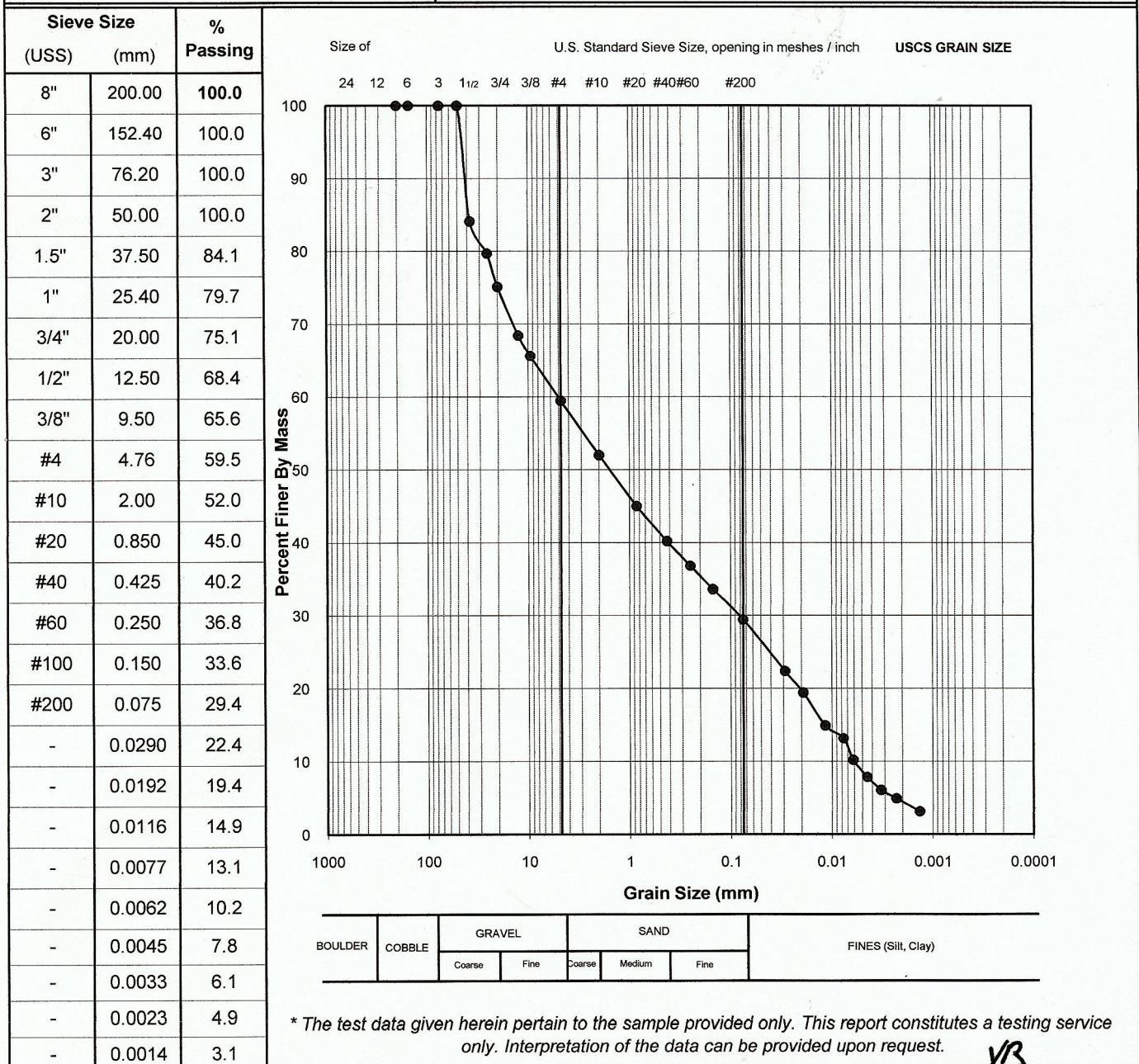
PARTICLE SIZE ANALYSIS OF SOILS

Reference
ASTM D 422-63 (2007)

Project No.:	09-1428-5007 (2000)	Field label:	SD091510-3
Client:	AEM	Sample No.:	333
Project:	Meadowbank Gold Project	Depth (m):	NA
Location:	Nunavut	Lab ID No:	SA 333

Specific Gravity (assumed):	2.70	Other	Till from liner tie-in plug, In situ, compacted
Date sampled:	September 15, 2010	Remarks:	SD2 Sta 20+100 N:7215532; E: 637192; wc: 8.4%

Dispersion Method:	Stirring	Remarks: Particulates over 50mm were not included into the analysis.
Dispersion Period (min):	5.00	



MO and DB	September 25, 2010	YB	Sept. 28, 2010
TESTED BY	DATE	CHECKED BY	DATE

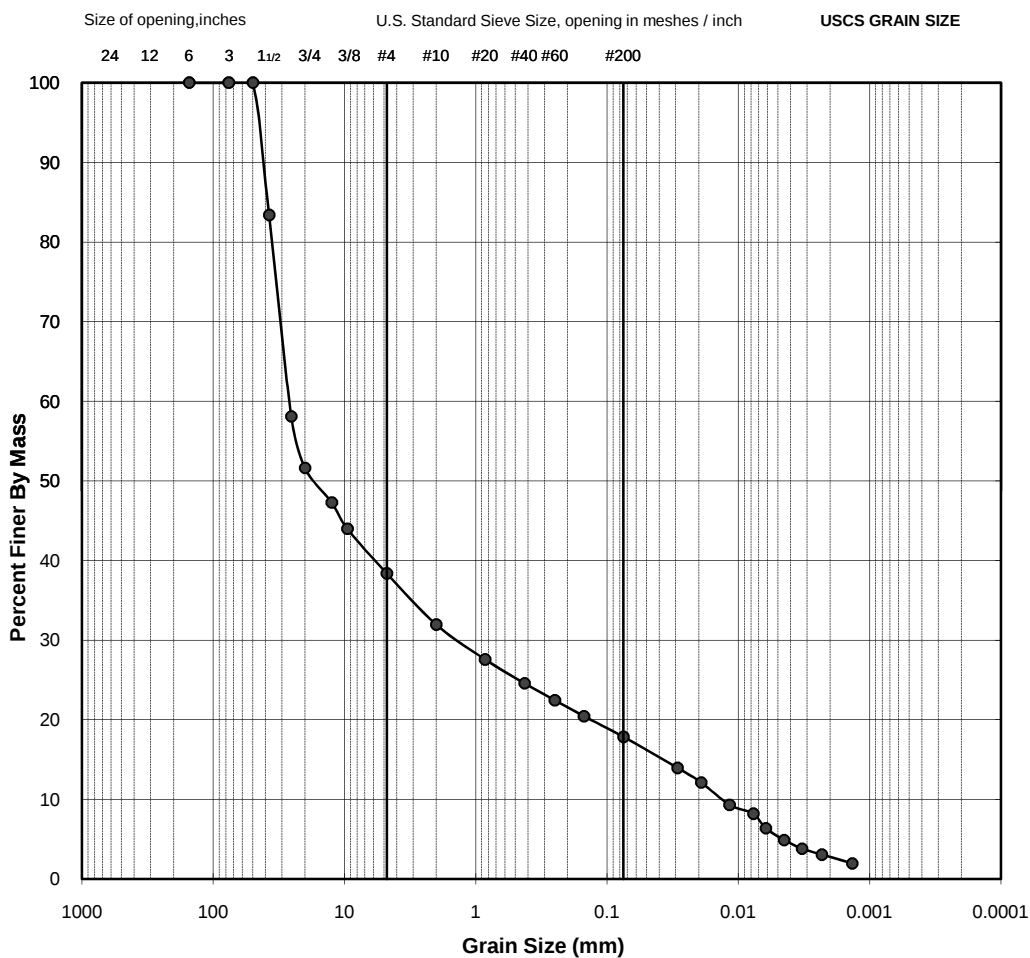
PARTICLE SIZE ANALYSIS OF SOILS

Reference

ASTM D 422-63 (2007)

Project No.:	09-1428-5007 (2000)	Field label:	SD091510-4
Client:	AEM	Sample No.:	334
Project:	Meadowbank Gold Project	Depth (m):	NA
Location:	Nunavut	Lab ID No:	SA 334
Specific Gravity (assumed):	2.70	Other	Till from Till plug, in situ compacted,
Date sampled:	September 15, 2010	Remarks:	SD2 Sta20+100 N:7215558; E: 637123; Water content: 8.4%
Dispersion Method:	Stirring	Remarks: Particulates over 50mm were not included into the analysis.	
Dispersion Period (min):	5.00		

Sieve Size (US)	(mm)	% Passing
8"	200.00	100.0
6"	152.40	100.0
3"	76.20	100.0
2"	50.00	100.0
1.5"	37.50	83.4
1"	25.40	58.1
3/4"	20.00	51.6
1/2"	12.50	47.3
3/8"	9.50	44.0
#4	4.76	38.4
#10	2.00	32.0
#20	0.850	27.6
#40	0.425	24.6
#60	0.250	22.5
#100	0.150	20.4
#200	0.075	17.9
-	0.0290	13.9
-	0.0192	12.1
-	0.0116	9.3
-	0.0077	8.2
-	0.0062	6.4
-	0.0045	4.9
-	0.0033	3.8
-	0.0023	3.1
-	0.0014	2.0



* The test data given herein pertain to the sample provided only. This report constitutes a testing service only.
 Interpretation of the data can be provided upon request.

MO and DB	September 25, 2010	YB	Sept. 27, 2010
TESTED BY	DATE	CHECKED BY	DATE

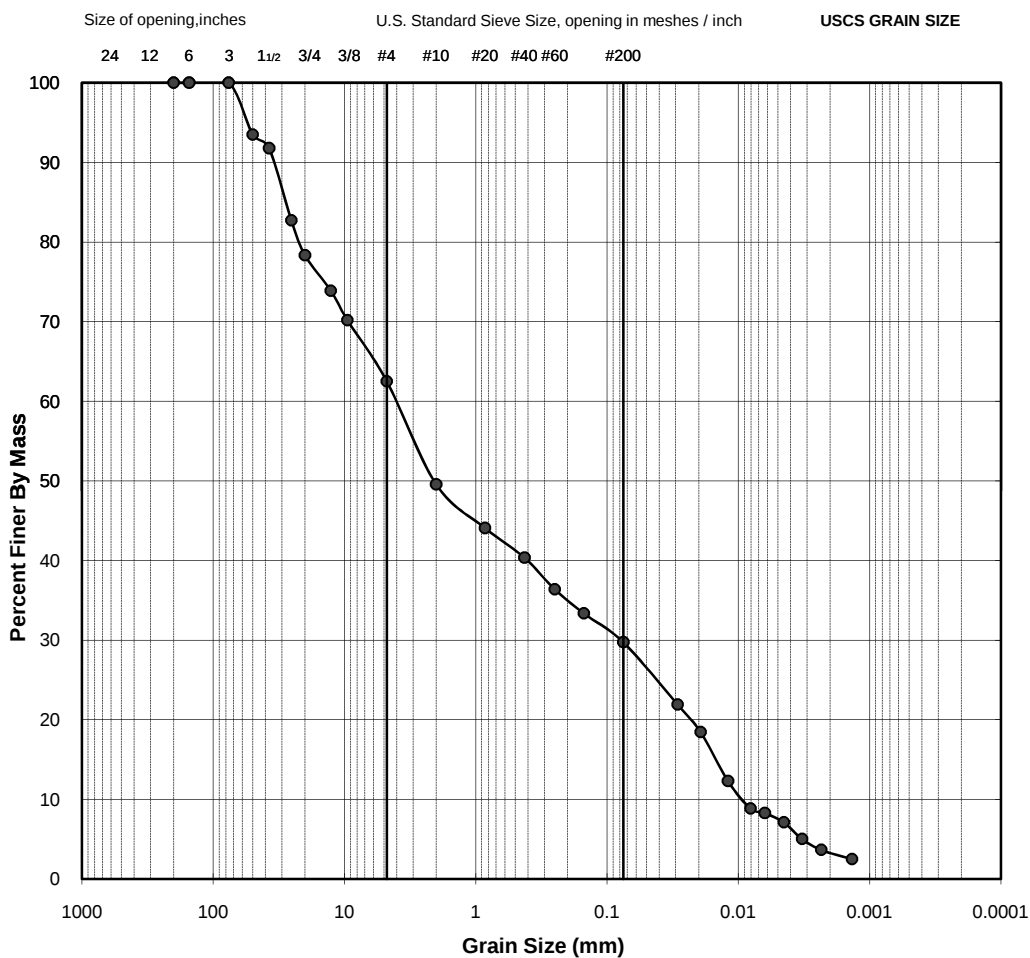
PARTICLE SIZE ANALYSIS OF SOILS

Reference

ASTM D 422-63 (2007)

Project No.:	09-1428-5007 (2000)	Field label:	SD091510-5
Client:	AEM	Sample No.:	335
Project:	Meadowbank Gold Project	Depth (m):	N A
Location:	Nunavut	Lab ID No:	SA 335
Specific Gravity (assumed):	2.70	Other	Till from borrow pit to be used for tie-in till plug
Date sampled:	September 15, 2010	Remarks:	SD2
Dispersion Method:	Stirring	Remarks: Particulates over 76mm were removed from the analysis.	
Dispersion Period (min):	5.00		

Sieve Size (USS)	(mm)	% Passing
8"	200.00	100.0
6"	152.40	100.0
3"	76.20	100.0
2"	50.00	93.5
1.5"	37.50	91.8
1"	25.40	82.7
3/4"	20.00	78.3
1/2"	12.70	73.9
3/8"	9.50	70.2
#4	4.76	62.5
#10	2.00	49.6
#20	0.850	44.1
#40	0.425	40.3
#60	0.250	36.4
#100	0.150	33.4
#200	0.075	29.7
-	0.0290	21.9
-	0.0193	18.5
-	0.0120	12.3
-	0.0081	8.8
-	0.0063	8.3
-	0.0045	7.1
-	0.0033	5.0
-	0.0023	3.7
-	0.0014	2.5



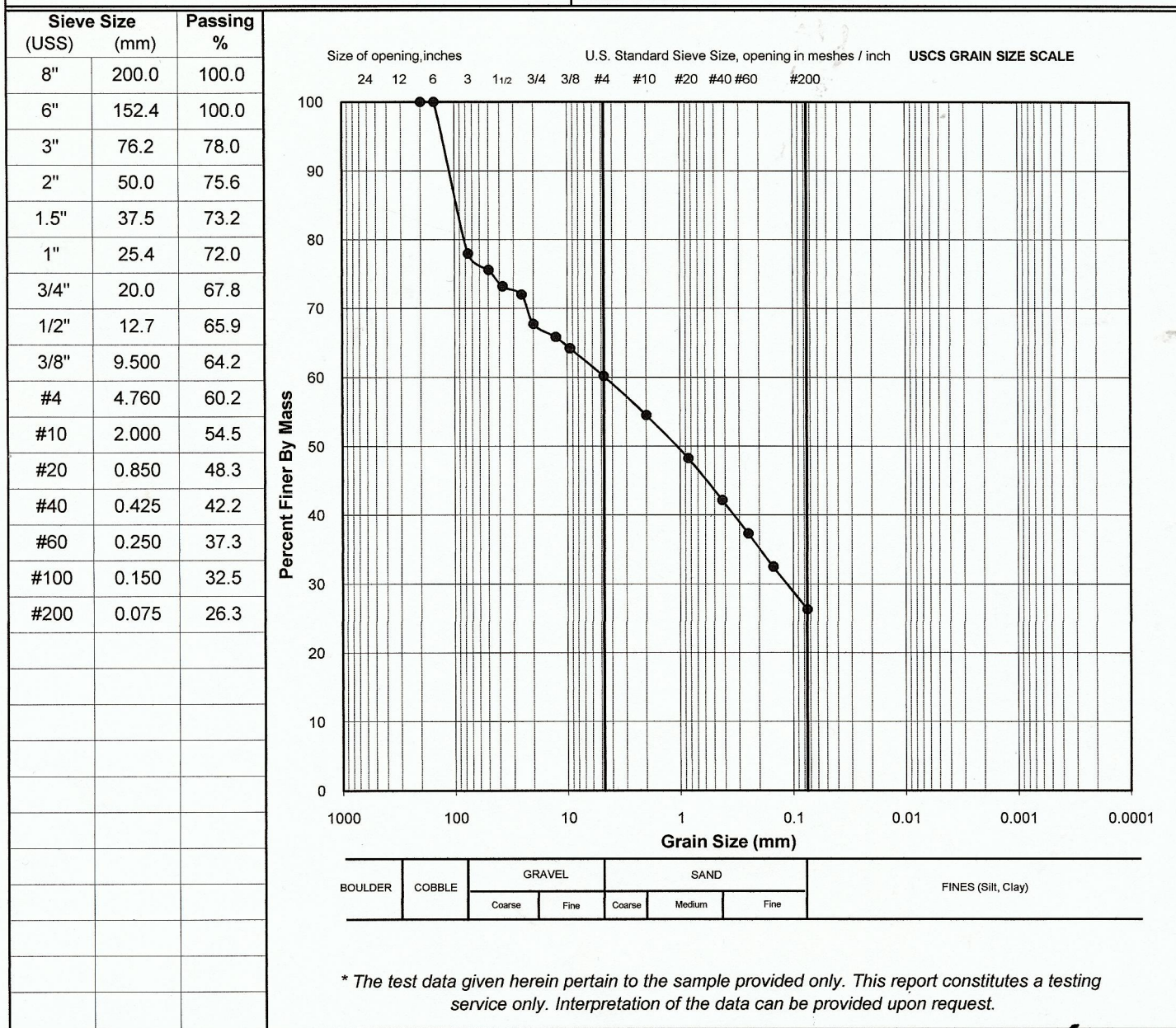
* The test data given herein pertain to the sample provided only. This report constitutes a testing service only.
 Interpretation of the data can be provided upon request.

MO	September 25, 2010	YB	Sept. 27, 2010
TESTED BY	DATE	CHECKED BY	DATE

PARTICLE SIZE ANALYSIS OF SOILS

Reference
ASTM C136-06 & C117-04

Project No.: 09-1428-5007 (2000) Client: AEM Project: Meadowbank Gold Project Location: Nunavut	Sample No.: 336 Field Label: SWD091610 Depth (m): NA Lab ID No: SA 336
Remarks: Water Content = NA Sa. Location: Borrow pit, used for upstream ditch backfill at Relarks: Particules over 152mm were not included into the analysis.	Date Sampled: September 16, 2010 Material Specification: NATIVE BORROW PIT - Class B Till Method: SPLIT, WASHED Date Tested: September 24, 2010



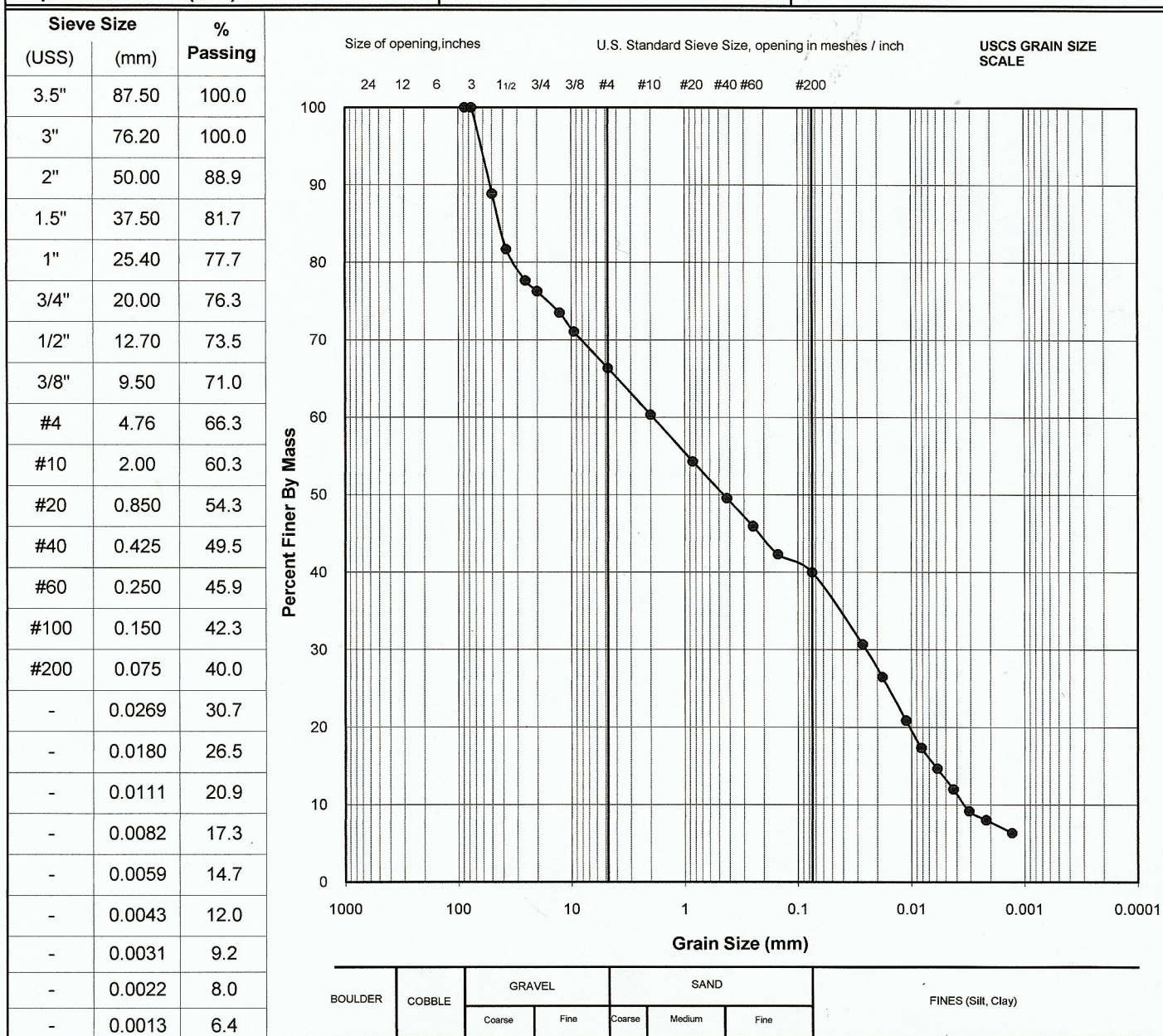
* The test data given herein pertain to the sample provided only. This report constitutes a testing service only. Interpretation of the data can be provided upon request.

MO	September 24, 2010	YB	Sept. 27, 2010
TESTED BY	DATE	CHECKED BY	DATE

PARTICLE SIZE ANALYSIS OF SOILS

Reference
ASTM D 422-63 (2007)

Project No.: 09-1428-5007 (2000) Client: AEM Project: Meadowbank Gold Project Location: Nunavut	Sample No: 304 Field Label: SD1090710-1 Depth (m): NA Lab ID No: SA 304
Specific Gravity (assumed): 2.70 Date sampled: September 7, 2010	Other: SD1 Sta 0+400, Water content: 9.0%. Remarks: Till placed underneath liner toe tie-in
Dispersion Method: Stirring Dispersion Period (min): 5.00	



B. Dieudonné	September 13, 2010	YB	Sept. 27, 2010
TESTED BY	DATE	CHECKED BY	DATE