

WORK SHEET FOR SIEVE ANALYSIS OF GRANULAR MATERIAL

MINNESOTA DEPARTMENT OF TRANSPORTATION

PIT: _____

S.P. NO. _____	DATE: <u>1-10-12</u>	TEST NO. _____
CLASS: _____	STATION: _____	LAYER: _____
TEST MADE BY <u>Bob J</u>		

FINE SIEVES:

1500 AG LIME (POND FINES)
FROM STOCK

3A9.0 Dry sample and record weight 332.7

Wash and dry sample and record weight 76.0

Loss in washing (Enter below) 256.7

	(5) INDIV. WEIGHTS	(6) SIEVE SIZE	(7) CUM. WTS. PASSING	(8) % PASSING	GRADATION REQUIREMENTS
*Pass. # _____ Sieve, Ret. # _____					
*Pass. # <u>3/8"</u> Sieve, Ret. # <u>4</u>	<u>1.2</u>	<u>3/8"</u>	<u>332.7</u>	<u>100.0</u>	
*Pass. # <u>4</u> Sieve, Ret. # <u>8</u>	<u>2.3</u>	<u># 4</u>	<u>331.5</u>	<u>99.6</u>	
*Pass. # <u>8</u> Sieve, Ret. # <u>20</u>	<u>2.9</u>	<u># 8</u>	<u>329.2</u>	<u>98.9</u>	
*Pass. # <u>20</u> Sieve, Ret. # <u>60</u>	<u>4.6</u>	<u># 20</u>	<u>326.3</u>	<u>98.1</u>	
*Pass. # <u>60</u> Sieve, Ret. # <u>100</u>	<u>8.4</u>	<u># 60</u>	<u>321.7</u>	<u>96.7</u>	
*Pass. # <u>100</u> Sieve, Ret. # <u>200</u>	<u>46.7</u>	<u># 100</u>	<u>313.3</u>	<u>94.2</u>	
*Pass. # <u>200</u> Sieve, Ret. Bottom	<u>9.9</u>	<u># 200</u>	<u>266.6</u>	<u>80.1</u>	
Loss By Washing -	<u>256.7</u>				
Check Total -	<u>332.7</u>	- Shall check (8) within 5 grams.			

FINE SIEVES:

Dry sample and record weight _____

Wash and dry sample and record weight _____

Loss in washing (Enter below) _____

	(5) INDIV. WEIGHTS	(6) SIEVE SIZE	(7) CUM. WTS. PASSING	(8) % PASSING	GRADATION REQUIREMENTS
*Pass. # _____ Sieve, Ret. # _____					
*Pass. # _____ Sieve, Ret. # _____					
*Pass. # _____ Sieve, Ret. # _____					
*Pass. # _____ Sieve, Ret. # _____					
*Pass. # _____ Sieve, Ret. # _____					
*Pass. # _____ Sieve, Ret. # _____					
*Pass. # _____ Sieve, Ret. # _____					
*Pass. # _____ Sieve, Ret. Bottom					
Loss By Washing -					
Check Total -		- Shall check (8) within 5 grams.			

WORK SHEET FOR SIEVE ANALYSIS OF GRANULAR MATERIAL

MINNESOTA DEPARTMENT OF TRANSPORTATION

PIT: _____

S.P. NO.	DATE: <u>1-9-12</u>	TEST NO.
CLASS:	STATION:	LAYER:
		TEST MADE BY: <u>BOB J</u>

FINE SIEVES:

365.A

COARSE ANIMAL BEDDING
FROM STOCK

Dry sample and record weight 348.7
 Wash and dry sample and record weight 322.0
 Loss in washing (Enter below) 26.7

	(5) INDIV. WEIGHTS	(6) SIEVE SIZE	(7) CUM. WTS. PASSING	(8) % PASSING	GRADATION REQUIREMENTS
*Pass. # _____ Sieve, Ret. # _____					
*Pass. # <u>3/8"</u> Sieve, Ret. # <u>4</u>	<u>3.2</u>	<u>3/8"</u>	<u>348.6</u>	<u>100.0</u>	
*Pass. # <u>4</u> Sieve, Ret. # <u>8</u>	<u>45.6</u>	<u>#4</u>	<u>345.4</u>	<u>99.1</u>	
*Pass. # <u>8</u> Sieve, Ret. # <u>20</u>	<u>95.7</u>	<u>#8</u>	<u>299.8</u>	<u>86.0</u>	
*Pass. # <u>20</u> Sieve, Ret. # <u>60</u>	<u>107.1</u>	<u>#20</u>	<u>204.1</u>	<u>58.5</u>	
*Pass. # <u>60</u> Sieve, Ret. # <u>100</u>	<u>39.8</u>	<u>#60</u>	<u>97.0</u>	<u>17.2</u>	
*Pass. # <u>100</u> Sieve, Ret. # <u>200</u>	<u>26.4</u>	<u>#100</u>	<u>57.2</u>	<u>16.4</u>	
*Pass. # <u>200</u> Sieve, Ret. Bottom	<u>4.1</u>	<u>#200</u>	<u>30.8</u>	<u>8.8</u>	
Loss By Washing -	<u>26.7</u>				
Check Total -	<u>348.6</u>				- Shall check (8) within 5 grams.

FINE SIEVES:

35A.6

1050 AG. LIME (DRY PLANT)
FROM STOCK

Dry sample and record weight 341.7
 Wash and dry sample and record weight 267.5
 Loss in washing (Enter below) 74.2

	(5) INDIV. WEIGHTS	(6) SIEVE SIZE	(7) CUM. WTS. PASSING	(8) % PASSING	GRADATION REQUIREMENTS
*Pass. # _____ Sieve, Ret. # _____					
*Pass. # <u>3/8"</u> Sieve, Ret. # <u>4</u>	<u>0.1</u>	<u>3/8"</u>	<u>341.4</u>	<u>100.0</u>	
*Pass. # <u>4</u> Sieve, Ret. # <u>8</u>	<u>26.6</u>	<u>#4</u>	<u>341.3</u>	<u>100.0</u>	
*Pass. # <u>8</u> Sieve, Ret. # <u>20</u>	<u>105.9</u>	<u>#8</u>	<u>314.7</u>	<u>92.2</u>	
*Pass. # <u>20</u> Sieve, Ret. # <u>60</u>	<u>81.9</u>	<u>#20</u>	<u>208.8</u>	<u>61.2</u>	
*Pass. # <u>60</u> Sieve, Ret. # <u>100</u>	<u>26.4</u>	<u>#60</u>	<u>126.9</u>	<u>37.2</u>	
*Pass. # <u>100</u> Sieve, Ret. # <u>200</u>	<u>22.9</u>	<u>#100</u>	<u>100.5</u>	<u>29.4</u>	
*Pass. # <u>200</u> Sieve, Ret. Bottom	<u>3.4</u>	<u>#200</u>	<u>77.6</u>	<u>22.7</u>	
Loss By Washing -	<u>74.2</u>				
Check Total -	<u>341.4</u>				- Shall check (8) within 5 grams.

WORK SHEET FOR SIEVE ANALYSIS OF GRANULAR MATERIAL

MINNESOTA DEPARTMENT OF TRANSPORTATION

PIT:

S.P. NO.	DATE: 12-19-11	TEST NO.
LASS:	STATION:	LAYER:
		TEST MADE BY: Bob J

FINE SIEVES: 1200 Ag LIME FROM STOCK

35A⁹ Dry sample and record weight 331.8
 Wash and dry sample and record weight 190.7
 Loss in washing (Enter below) 141.1

	(5) INDIV. WEIGHTS	(6) SIEVE SIZE	(7) CUM. WTS. PASSING	(8) % PASSING	GRADATION REQUIREMENTS
*Pass. # _____ Sieve, Ret. # _____					
*Pass. # <u>3/8"</u> Sieve, Ret. # <u>4</u>	1.5	3/8"	331.7	100.0	
*Pass. # <u>4</u> Sieve, Ret. # <u>8</u>	12.9	# 4	330.2	99.5	
*Pass. # <u>8</u> Sieve, Ret. # <u>20</u>	55.7	# 8	317.3	95.7	
*Pass. # <u>20</u> Sieve, Ret. # <u>60</u>	47.1	# 20	261.6	78.9	
*Pass. # <u>60</u> Sieve, Ret. # <u>100</u>	24.4	# 60	214.5	64.7	
*Pass. # <u>100</u> Sieve, Ret. # <u>200</u>	44.0	# 100	190.1	57.3	
*Pass. # <u>200</u> Sieve, Ret. Bottom	5.0	# 200	146.1	44.0	
Loss By Washing -	141.1				
Check Total -	331.7	- Shall check (8) within 5 grams.			

FINE SIEVES: 1500 Ag LIME (LWP) FROM STOCK

3A6⁹ Dry sample and record weight 339.5
 Wash and dry sample and record weight 308.2
 Loss in washing (Enter below) 31.3

	(5) INDIV. WEIGHTS	(6) SIEVE SIZE	(7) CUM. WTS. PASSING	(8) % PASSING	GRADATION REQUIREMENTS
*Pass. # _____ Sieve, Ret. # _____					
*Pass. # _____ Sieve, Ret. # _____					
*Pass. # <u>A</u> Sieve, Ret. # <u>8</u>	0.4	# 4	339.7	100.0	
*Pass. # <u>B</u> Sieve, Ret. # <u>20</u>	1.0	# 8	339.3	99.9	
*Pass. # <u>20</u> Sieve, Ret. # <u>60</u>	12.2	# 20	338.3	99.6	
*Pass. # <u>60</u> Sieve, Ret. # <u>100</u>	126.4	# 60	326.1	96.0	
*Pass. # <u>100</u> Sieve, Ret. # <u>200</u>	154.6	# 100	199.7	58.8	
*Pass. # <u>200</u> Sieve, Ret. Bottom	13.8	# 200	45.1	13.3	
Loss By Washing -	31.3				
Check Total -	339.7	- Shall check (8) within 5 grams.			