

**DATE** April 30, 2015**PROJECT No.** 11-1422-0046.1000**TO** Mr. Derek Holmes  
BURNCO Rock Products Ltd.**CC** Don Chorley, Richard Butler**FROM** Ben Hudson, Fred Shrimmer**EMAIL** bhudson@golder.com,  
fshrimmer@golder.com**SUMMARY REPORT ON SUBSURFACE GEOLOGY –  
PARTICLE SIZE DISTRIBUTION, BURNCO MCNAB CREEK**

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**1.0 INTRODUCTION****1.1 Background**

Golder Associates Ltd. (Golder) was commissioned by Mr. Derek Holmes of BURNCO Rock Products Ltd. (BURNCO) in September 2009 to investigate the subsurface conditions of the McNab Valley site, proposed for development as an aggregate pit.

In order to define the subsurface properties of the resource, Golder undertook a program to collect samples from test pitting and drilling programs, and to analyze the engineering characteristics of the materials comprising the deposit. Among the characterization work to be undertaken, particle size distribution data (“Sieve Analyses”) was of prime interest as a key characteristic for aggregate resource evaluation and potential production. Thus, a program that included grain size distribution testing in accordance with recommendations and guidelines outlined in CSA A23.1-09 formed a central part of evaluation of the subsurface materials obtained at the McNab site .

This report provides a series of presentations of the preliminary results of the test program and preliminary interpretation of the data.

**1.2 Program****1.2.1 Samples**

A total of 112 samples of sand and gravel were tested at Golder’s Materials Testing Laboratory in Surrey, B.C. Of these 112 samples, 16 were composed of material sampled from a program of near-surface test pitting (TP) with an excavator (conducted in 2009) and the remaining 96 were obtained by Becker drilling (DH) (June 2010 program)

The following tables provide a list of samples submitted for the test program, their location and their depth within the holes.



**Table 1: McNab Creek Sample List 1 – Becker Drilling June 15 – 20, 2010**

Drill Holes	DH10-01	DH10-02	DH10-05	DH10-06	DH10-07
<b>Location (GPS NAD83 UTM 10N)</b>	5490689mN, 471671mE	5490414mN, 471960mE	5490856mN, 471871mE	5491127mN, 471477mE	5490333mN, 471503mE
	<b>Depth (ft)</b>				
	10 - 19	10 - 14	5 - 9	5 - 9	10 - 14
	20 - 24	15 - 19	10 - 14	10 - 14	15 - 19
	25 - 29	20 - 24	15 - 19	15 - 19	20 - 24
	30 - 34	25 - 29	20 - 29	20 - 24	25 - 29
	35 - 39	30 - 39	30 - 34	25 - 29	30 - 39
	45 - 49	40 - 44	35 - 39	30 - 34	40 - 44
	50 - 54	45 - 49	40 - 44	50 - 54	45 - 49
	55 - 59	50 - 54	45 - 49	No Depth	50 - 59
	60 - 64	55 - 59	50 - 54		60 - 64
	65 - 69	60 - 64	55 - 59		70 - 74
	70 - 74	65 - 69	80 - 84		75 - 79
	75 - 79	70 - 74	90 - 94		80 - 84
	80 - 89	75 - 79	60 - 64		85 - 89
	90 - 94	80 - 84	65 - 69		90 - 94
	95 - 99	85 - 89	75 - 79		95 - 99
	100 - 104	90 - 94	95 - 99		100
	105 - 109	95 - 99	100 - 109		100 - 102
	110 - 114	105 - 109			100 - 104
	115 - 119	110-114			105 - 109
	120 - 124	115 - 119			
	125 - 129	120 - 129			
	130 - 139	130 - 134			
	140 - 144	135 - 139			
	145 - 149	140 - 144			
	150 - 154				
	155 - 159				
	162 - EOH				

**Table 2: McNab Creek Sample List 2 – Excavator Test Pitting May 28 - 29, 2009**

Sample ID	Depth (m)	Location (GPS NAD-83 UTM 10N)
TP09-1	2.5 - 4.0	5490436mN, 471406mE
TP09-2	3.0 - 3.5	5490409mN, 471518mE
	4.3	
TP09-3	3.7	5490267mN, 471471mE
TP09-4	3.8	5490309mN, 471804mE
TP09-5	1.0 - 1.5	5490451mN, 472043mE
	1.9	
	3.5 - 4.0	
TP09-6	0.8 - 1.2	5490487mN, 471933mE
	4.4	
TP09-7	3.7	5490585mN, 471794mE
TP09-8	4.0 - 4.5	5490817mN, 471809mE
TP09-9	4.4	5490841mN, 471423mE
TP09-10	0.5 - 1.0	5490674mN, 471535mE
	4.3	
TP09-11	4.2	5490605mN, 471632mE

## 1.2.2 Laboratory Testing Program

The program of laboratory testing referenced herein consisted solely of particle size analysis of each sample individually. These tests were performed in accordance with test method CSA A23.2 2A, "Sieve Analysis of Fine and Coarse Aggregate".

## 2.0 RESULTS

The individual test reports present the results of each test carried out on each sample; these are appended to this report. The data in these reports pertain to the samples provided as noted in Table 1 and 2 (above) of this report.

A series of charts appended to this report are intended to serve as summary presentations of the individual test reports. These charts include:

### Figure 1 – Becker Drill Hole and Excavator Test Pit Location Summary Plot

- A summary plot of the drillhole and test pit locations. This plot is not to scale and does not include a coordinate system; it is for visualization purposes only.

### Figure 2 - Fineness Modulus of Fine Aggregate (<5 mm)

- A generalization of fine aggregate particle size distribution by the calculated Fineness Modulus ("FM") value. This value is obtained by adding the total percentage of the sample retained on each of a specified series of the 0.160 mm, 0.315 mm, 0.630 mm, 1.25 mm, and 2.5 mm sieves, and dividing the sum by 100. A higher Fineness modulus value thus indicates a coarser aggregate, whereas a lower value represents a finer aggregate, over the aforementioned particle sizes.

### Figure 3 - Percent of Silt (<0.08 mm) of Fine Aggregate (<5 mm)

- Indicates the percent of silt sized particles (<0.080 mm) contained in the portion of aggregate which is less than 5 mm (fine aggregate). This may include clay sized particles.

### Figure 4 - Percent of Silt (<0.08 mm) of Total Sample

- Indicates the percent of silt sized particles (<0.080 mm) contained in the total sample. This may include clay-sized particles.

### Figure 5 - Percent of Coarse Aggregate (>5 mm) and Percent of Fine Aggregate (<5 mm)

- Reports the percent of sample which is coarse aggregate (>5 mm) and that which is fine aggregate (<5 mm). The silt-sized (<0.080 mm) portion of the sample is encompassed by the fine aggregate category.

## Particle Size Distribution Summary Charts

### Figure 6 - Bulk Summary by Category

- Particle size distribution curves from all tested samples are presented in this chart. Percent of retained material is plotted against the sieve size on which it was retained. On this chart, the sieve sizes are plotted by category, with no relationship between size and distance along the horizontal axis. This chart should not be used to make geometrical estimates that do not correspond with exact data points.

### Figure 7 - Bulk Summary by Logarithmic Plot

- Similar to the Bulk Summary for all size aggregates above, but plotted against a horizontal logarithmic scale for sieve sizes. With consideration for the logarithmic scale, geometrical interpretations may be made here.

### Figure 8 - Bulk Summary by Category – Coarse Aggregate

- Similar to the Bulk Summary chart above, but for coarse aggregate retained on 5 mm only. This chart includes some general coarse aggregate CSA A23.1-09 Table 11 concrete grading requirements.

### Figure 9 - Bulk Summary by Category – Coarse Aggregate Screened at 40 mm

- Similar to the Bulk Summary chart above, but for coarse aggregate retained on 5 mm and passing 40 mm only.

### Figure 10 - Bulk Summary by Category – Fine Aggregate

- Similar to the Bulk Summary chart above, but for fine aggregate passing 5 mm only. This chart includes some general fine aggregate CSA A23.1-09 Table 10 concrete grading requirements.

### Figure 11 to 15 - Drillhole Summaries DH10-01, DH10-01, DH10-05, DH10-06, DH10-07 by Category

- These particle size distribution curves are for all samples tested from a particular drillhole. There is no lateral variation between these samples but they do encompass tested samples from the entire depth of the drillhole. The legend on these charts indicates the depth of the sample.

### Figure 16 to 20 - Drillhole Summaries DH10-01, DH10-01, DH10-05, DH10-06, DH10-07 by Logarithmic Plot

- Similar to the series of plots above, but plotted against a horizontal logarithmic scale for sieve sizes. With consideration for the logarithmic scale, geometrical interpretations may be made here.

### Figure 21 to 26 - Depth Range Summaries 0 – 30 ft, 30 – 60 ft, 60 – 90 ft, 90 – 120 ft, 120 – 165 ft and Test Pits by Category

- These particle size distribution curves are for all samples tested from a particular depth range. This includes samples from various drillhole locations, separated laterally. The legend on these charts indicates the depth of the sample within this range. Lateral distance between drillholes may be determined from the GPS coordinates detailed in Table 1 and 2 above.

### Appendix 1 – Individual Test Reports

- A compilation of all individual test reports for every tested sample.



## 3.0 DISCUSSION

### 3.1 General Comments

Of primary importance in this preliminary report of grain size data for the McNab site is that it should be noted that the sampling program was limited to only those particle sizes which were less than 3 inches.

This was for two reasons:

- The practicalities of transporting off site, handling and then testing samples of appropriate mass to satisfy the requirements of standards such as CSA and ASTM. Typically, for large gravel / cobble sized materials, sample masses of a few hundred kilograms are required. Thus, we limited particle sizes to approximately 75 – 100 mm, on average; and
- The limitations imposed by the inner diameter of the drills rods used on the Becker drill rig. For test pitting by excavator it was not feasible to sample particles greater than 3 inches.

Visual estimates during test pitting, as well as interpretation of blow counts during drilling, suggest that at least 30% of the material was boulder-sized material. This must be considered in evaluating the variation of particles sizes across this site and with depth.

### 3.2 Gradations

Overall, the grain size distribution data indicate that the formations that comprise the deposit include a range of grain sizes. Some tend towards finer and more silty materials, while there are also examples of coarser-textured sediments as well.

In addition, the following observations are made:

- Some are fairly “clean” and others are “dirtier”;
- Considering the non-sampled cobbles and boulders which are known to exist throughout certain zones of the deposit, or inferred to be present, the overall sand (-5.0 mm) to gravel (+5.0 mm) ratios are on the order of 50:50;
- FM values tend to fall within the 2.5 – 3.5 range; and
- Silt contents are quite variable, and appear to be typical of those encountered in other coastal BC deposits.

Based upon these observations, the following comments are provided:

- Blending of materials will be important in order to achieve and maintain desired sand-to-gravel ratios that are required for some products. The proposed method of excavation, the high-speed clamshell dredge, is well-suited to this purpose, as it is capable of large-size excavation over a significant depth, thereby mixing material over a good depth profile;

- Washing of the materials is indicated. While a more sensitive analysis is required to further evaluate this requirement, the present analysis suggests that in order to achieve the required low fines contents demanded for concrete aggregates, washing/removal of silt-sized material will be necessary; and
- Oversize (*i.e.*, >2" material) will be used by crushing and blending into the products. The crushers will need to be selected / designed to handle a significant volume of large-size material. Some larger size materials (large boulders) will be cast aside for other potential uses on site, or may be utilized elsewhere as armourstone, etc.

#### 4.0 CLOSURE

This report presents results of a laboratory test program conducted on samples collected by excavator test pitting and Becker drilling at McNab Creek.

Preliminary analyses of these grain size distribution data has provided some initial observations of relevance for development and processing of the sediments, and of application for geotechnical and mining plan development purposes.

This report should be read in conjunction with the statement of limitations located at the end of the document.

**GOLDER ASSOCIATES LTD.**

**ORIGINAL SIGNED**

Ben Hudson, B.Sc., P.Geol.  
Geologist

BH/FHS/asd

Attachments: Figures 1 – 26  
Attachment 1 - Grain Size Distribution Individual Reports

**ORIGINAL SIGNED**

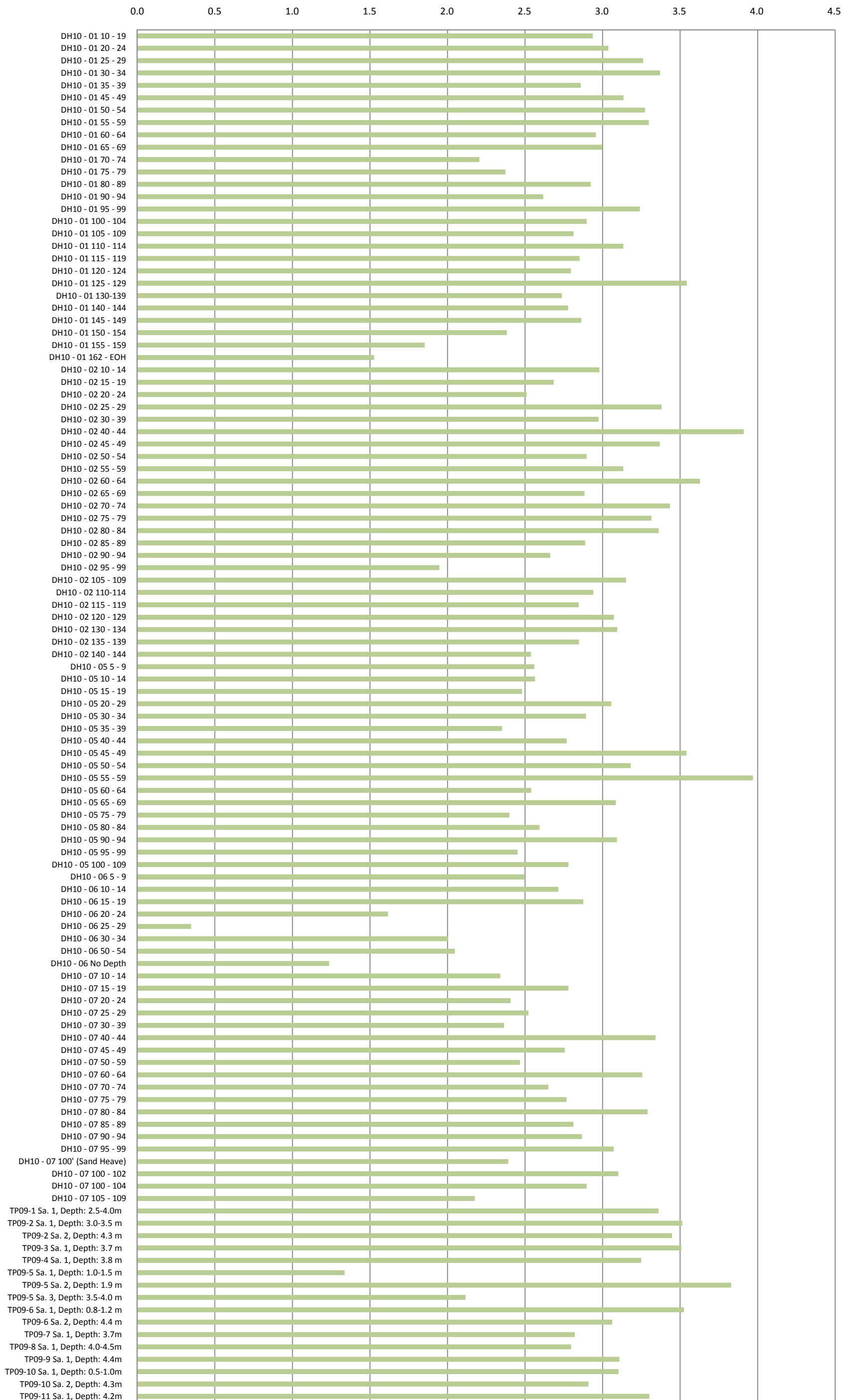
Fred Shrimmer, P.Geol.  
Associate / Senior Geoscientist

o:\final\2011\1422\11-1422-0046\114220042-570-app 5.4-rev0\app\appendix 5.4 - g\114220046.1000 tm 0430\_15 mc nab creek sieve summary fhs.docx

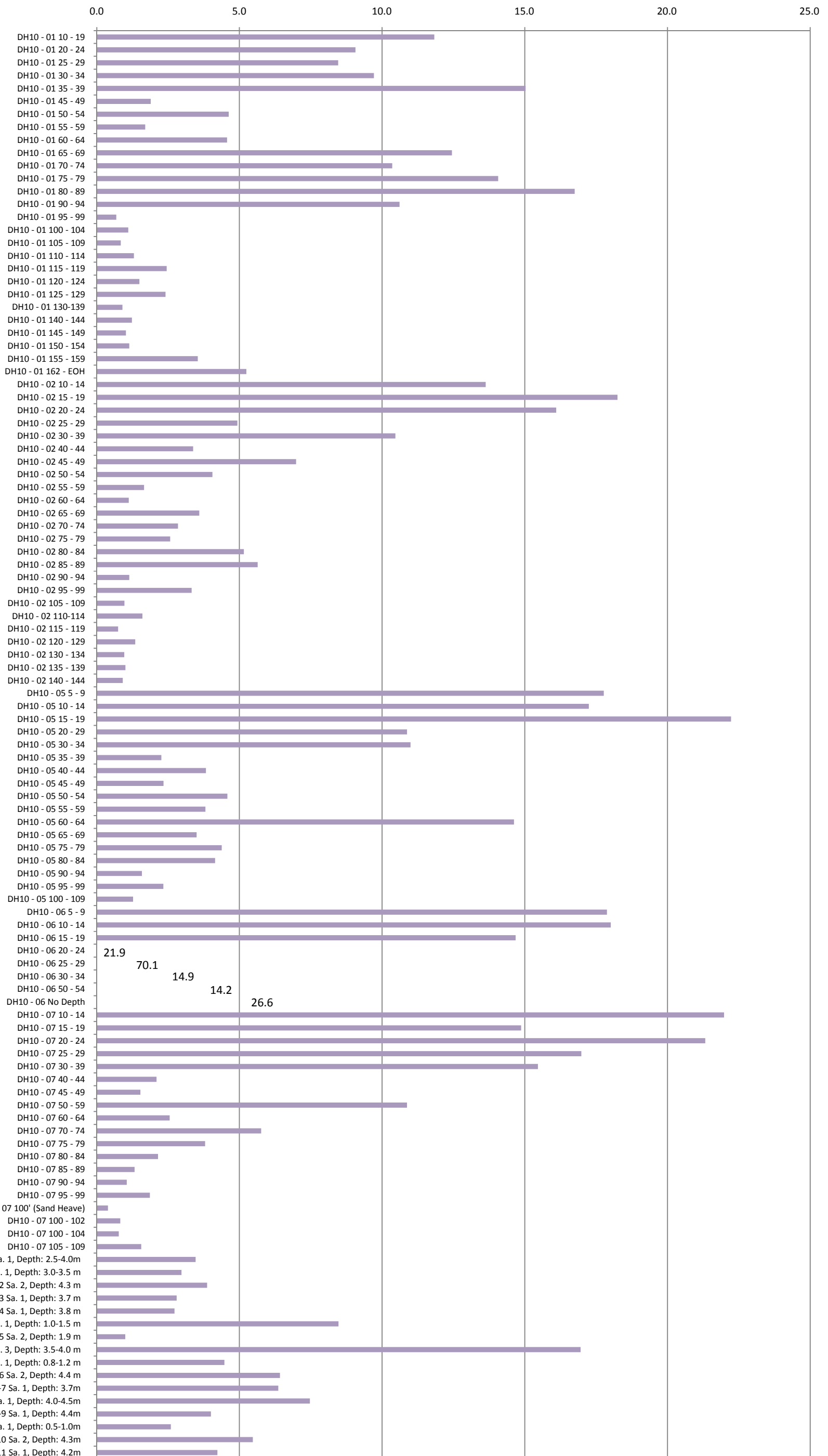
Figure 1 - Becker Drill Hole and Excavator Test Pit Location Summary Plot



**Figure 2 - Fineness Modulus of Fine Aggregate (< 5 mm)**

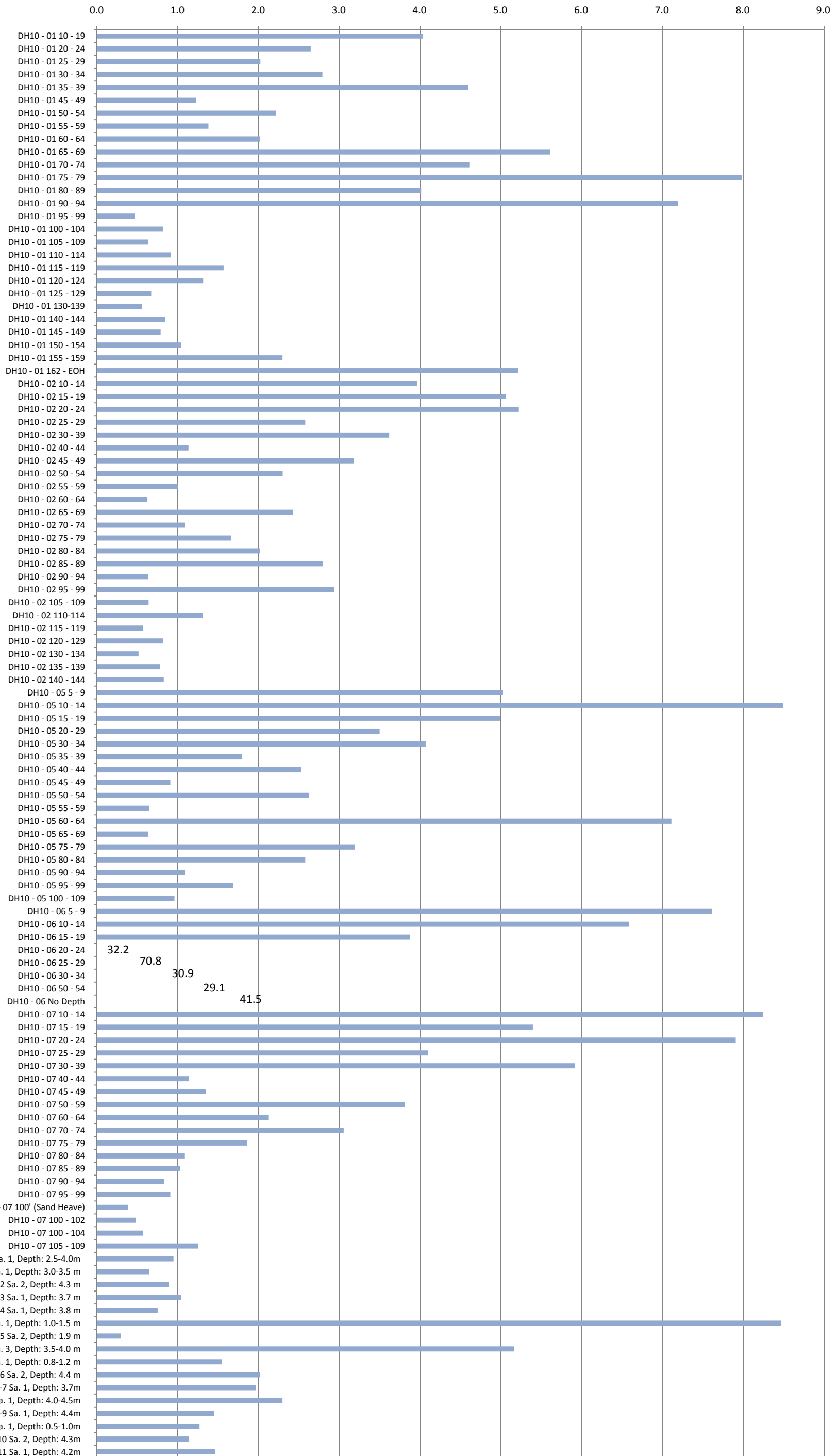


**Figure 3 - Percent of Silt (< 0.08 mm) of Fine Aggregate (< 5 mm)**





**Figure 4 - Percent of Silt (< 0.08 mm) of Total Sample**



**Figure 5- Percent of Coarse Aggregate (> 5 mm) and Percent of Fine Aggregate (< 5 mm)**

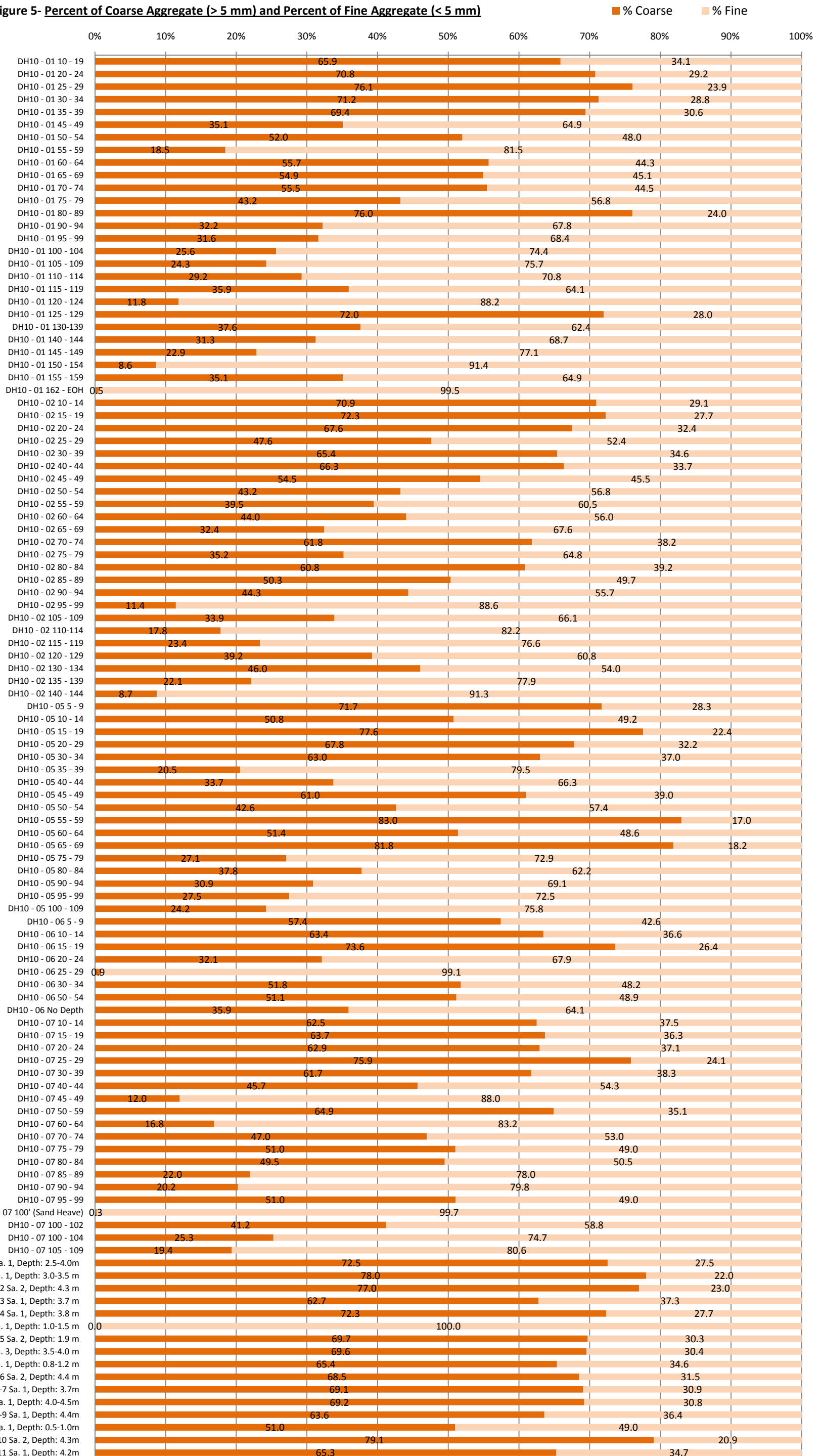


Figure 6 - Bulk Summary by Category

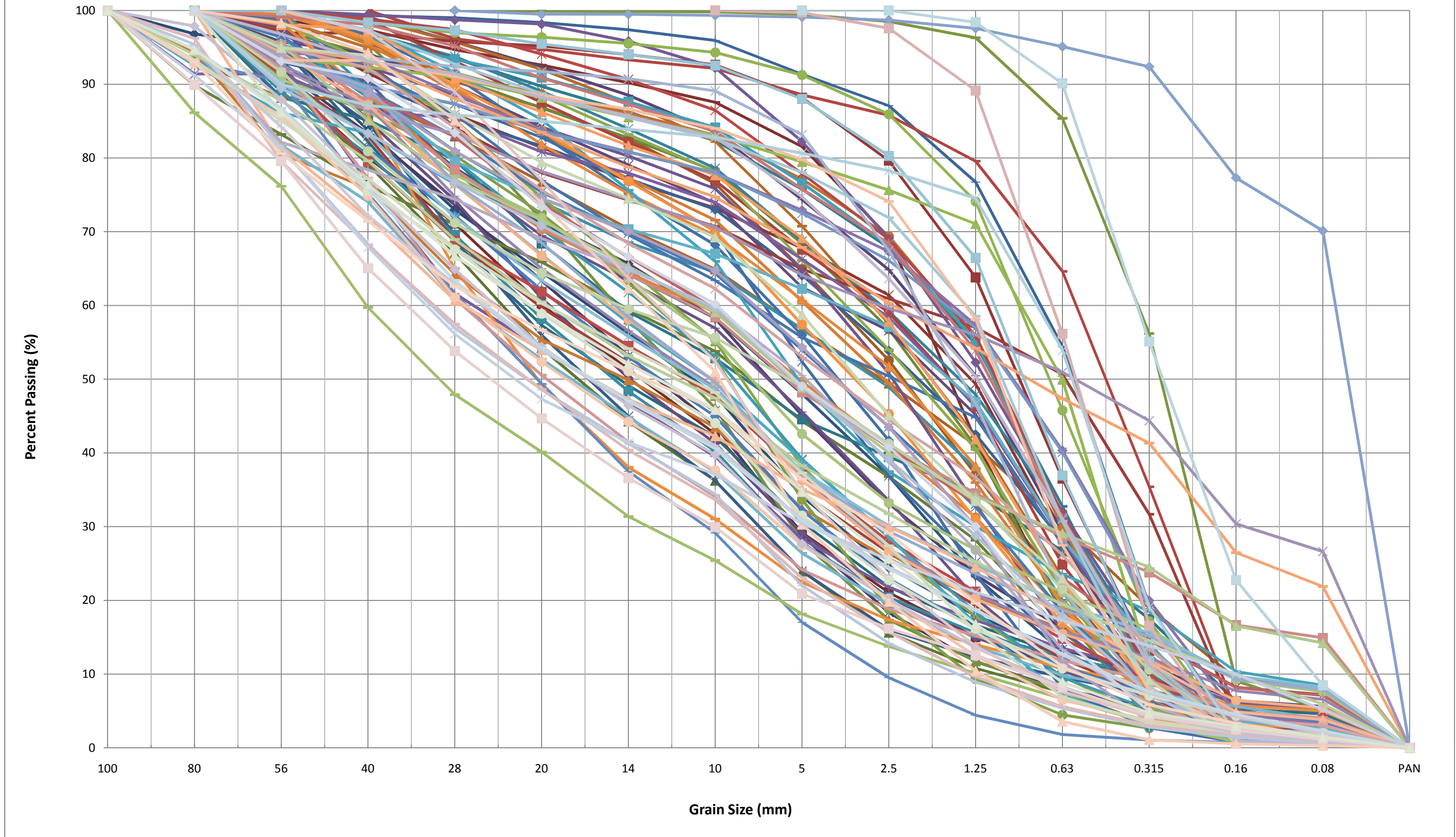




Figure 7 - Bulk Summary by Logarithmic

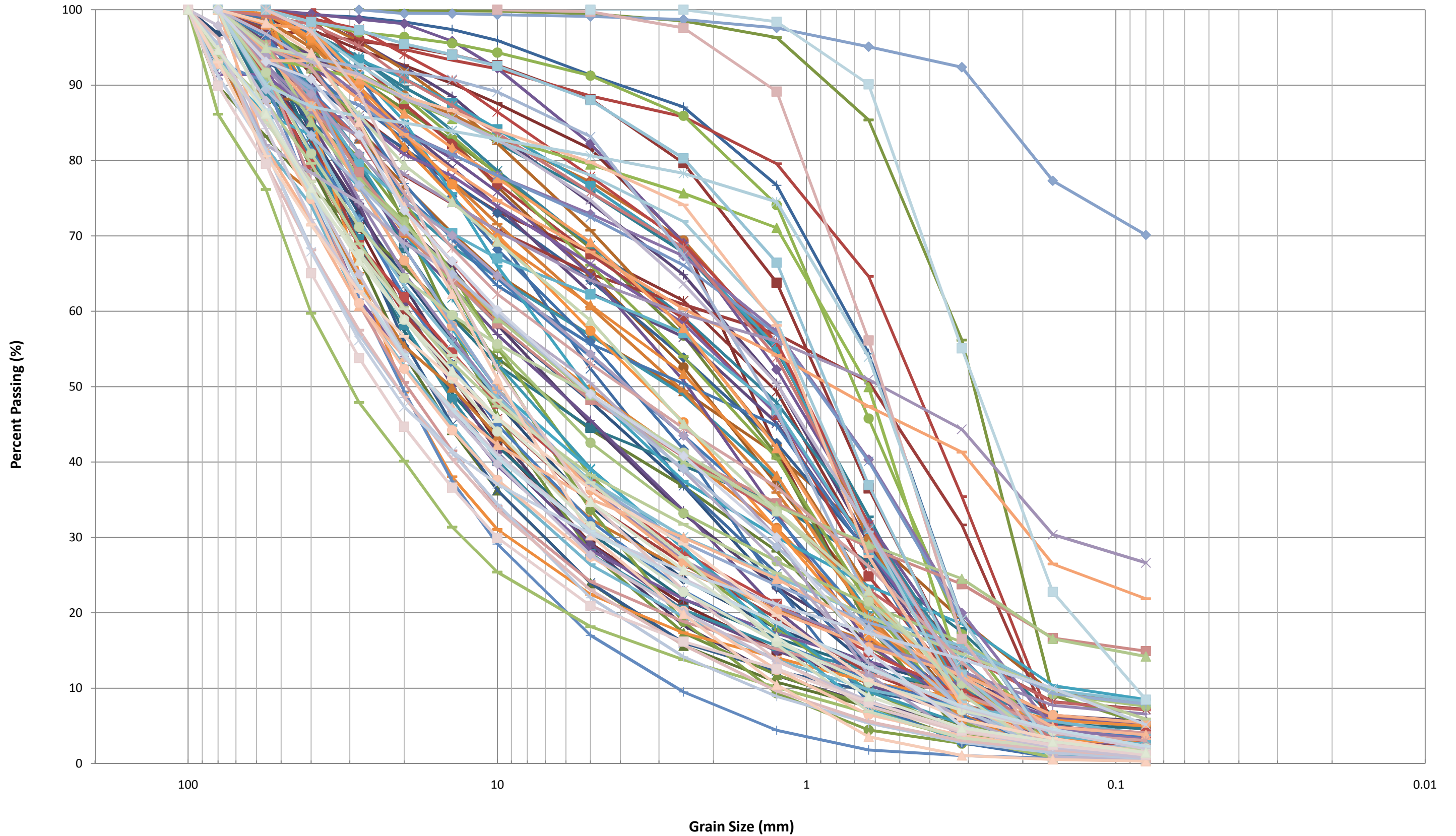


Figure 8 - Bulk Summary by Category - Coarse Aggregate

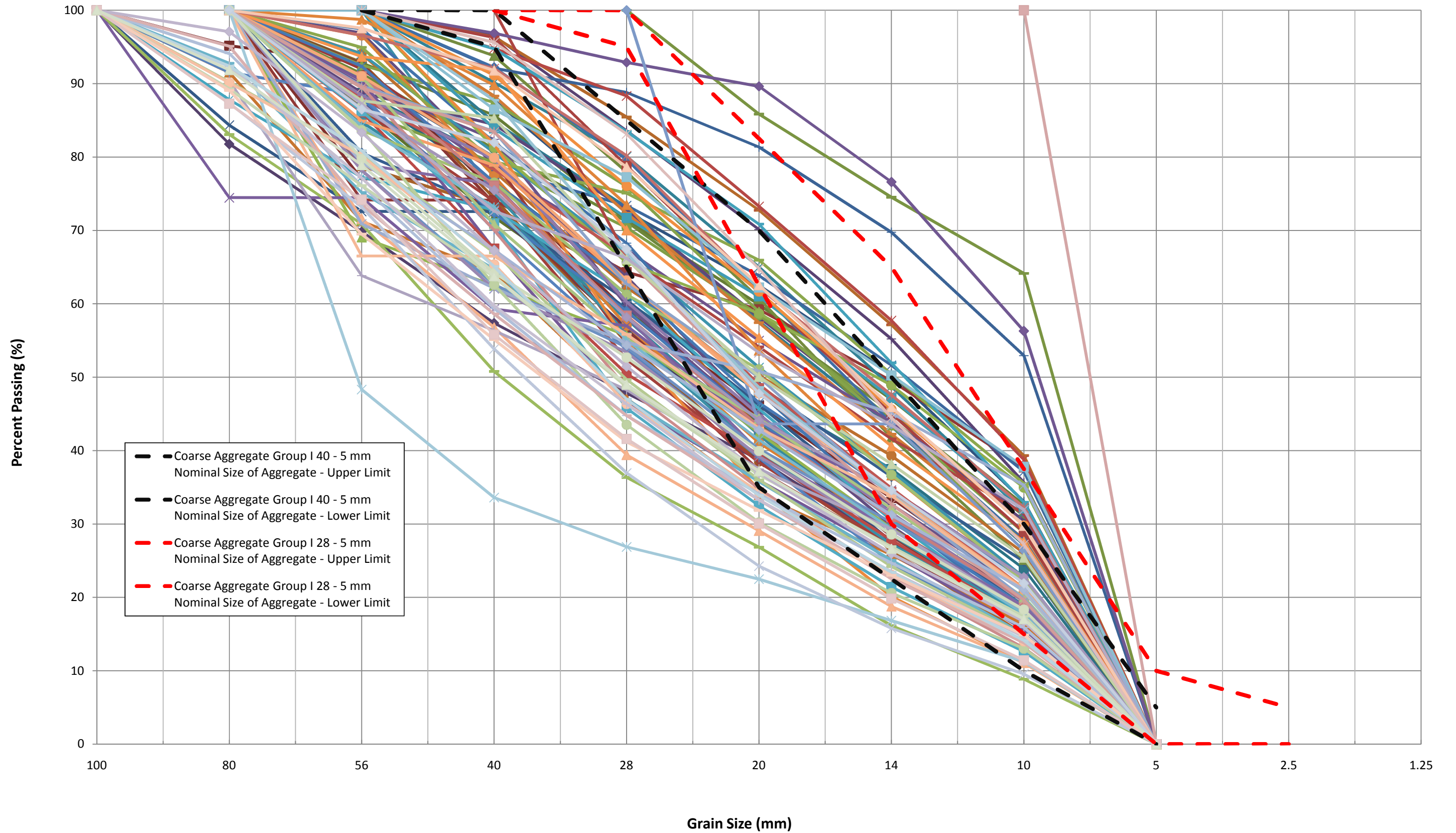




Figure 9 - Bulk Summary by Category - Coarse Aggregate Screened at 40 mm

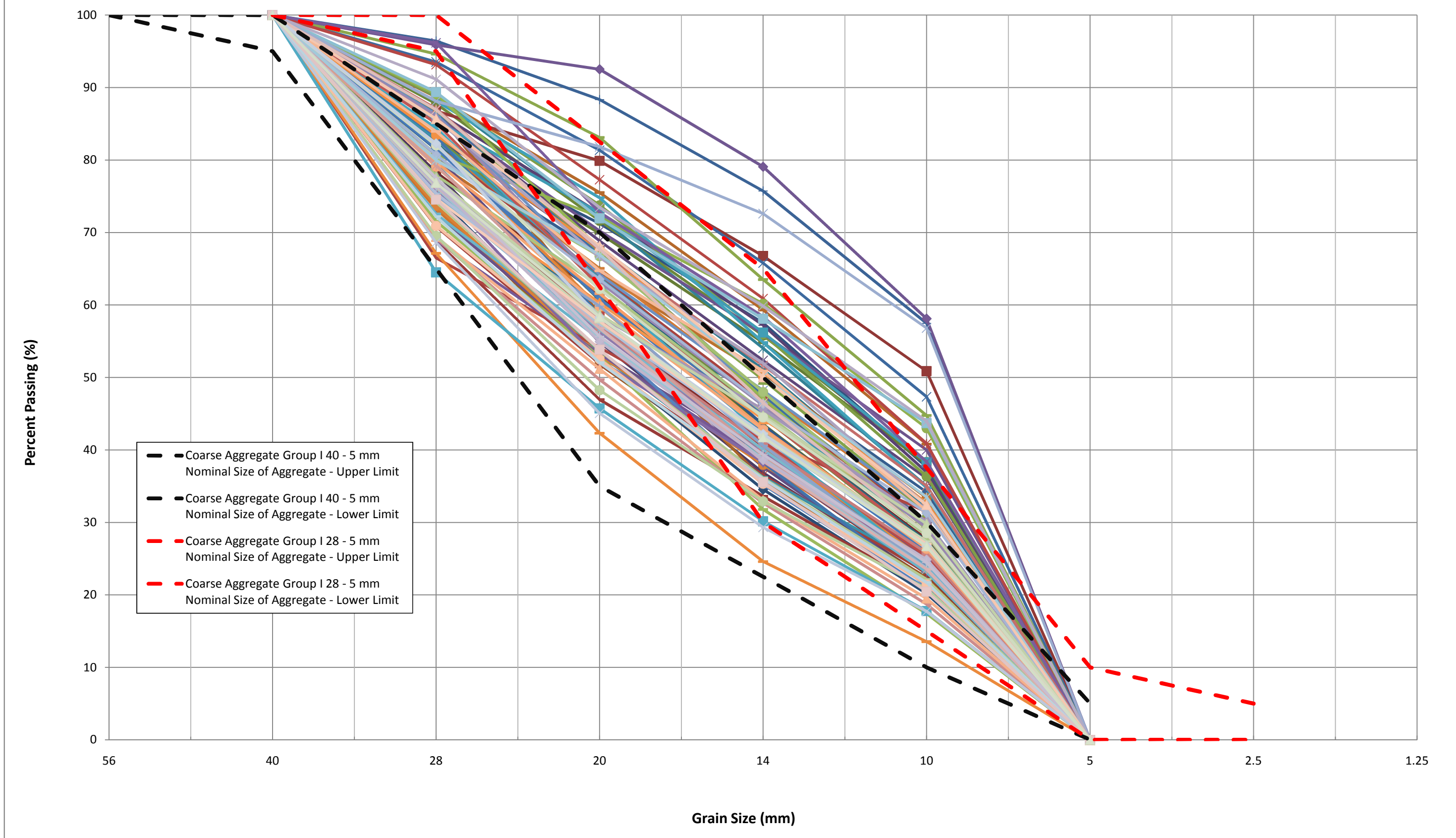
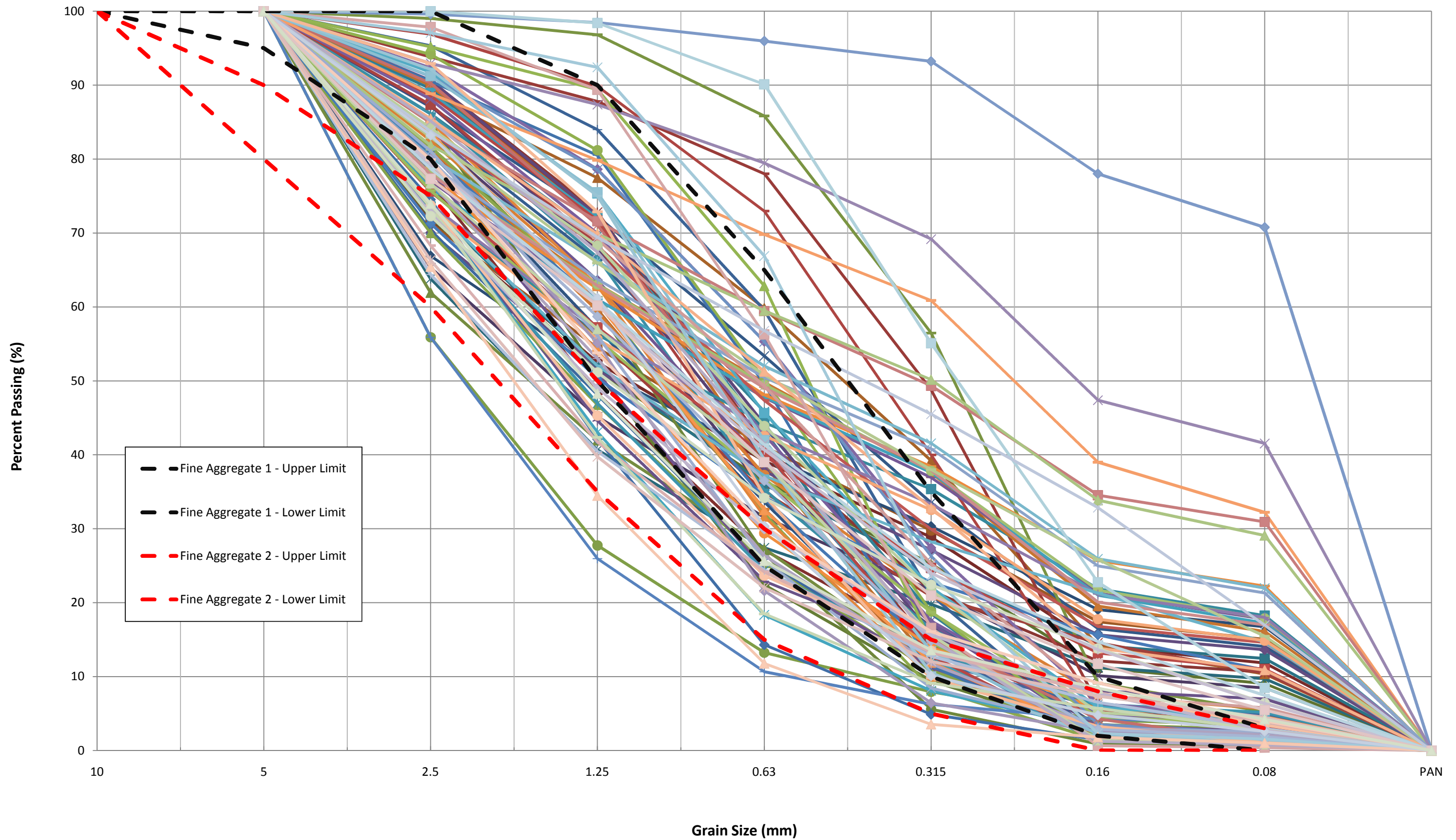
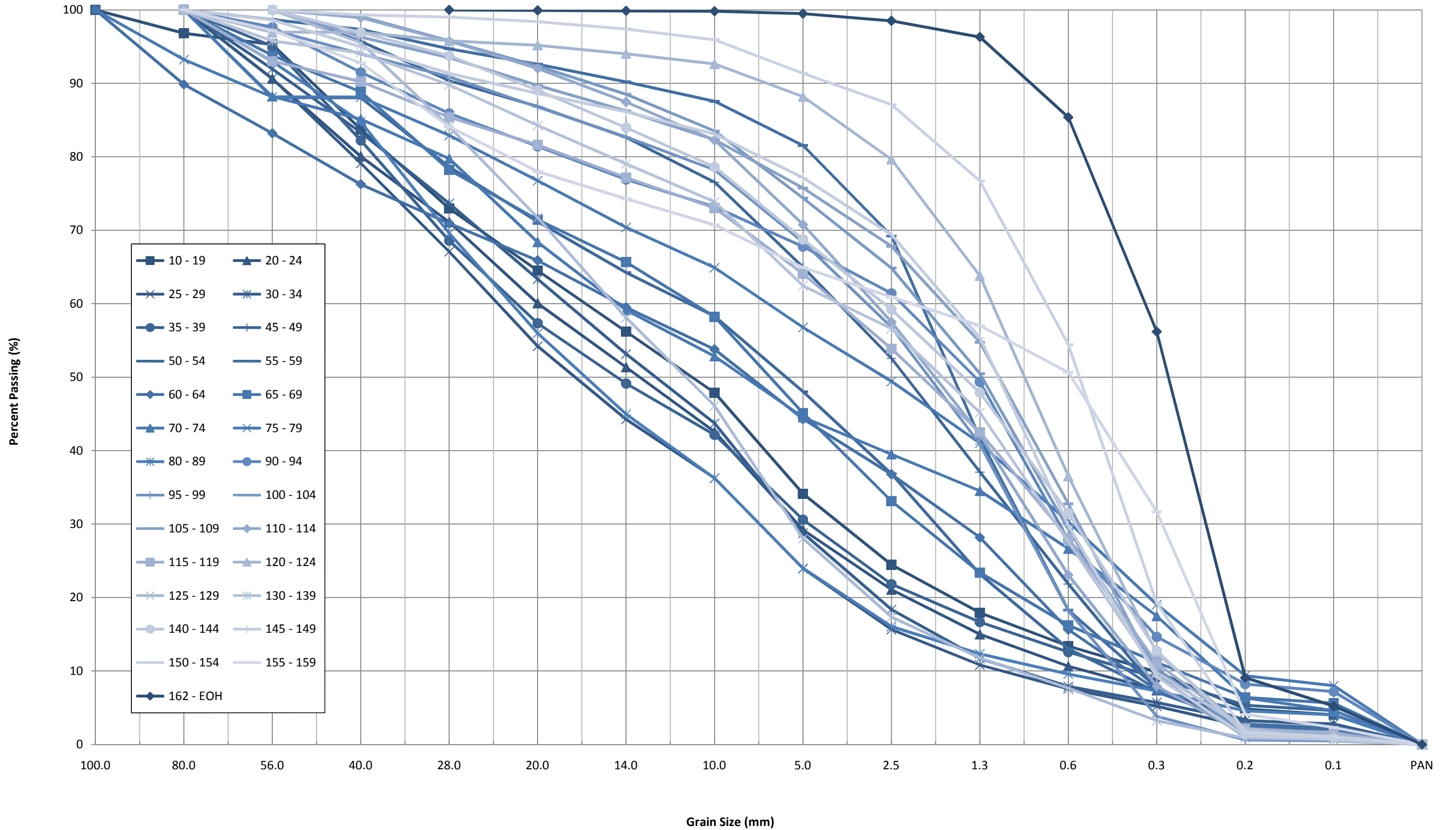


Figure 10 - Bulk Summary by Category - Fine Aggregate



**Figure 11 - Drill Hole Summary by Category - DH10-01**




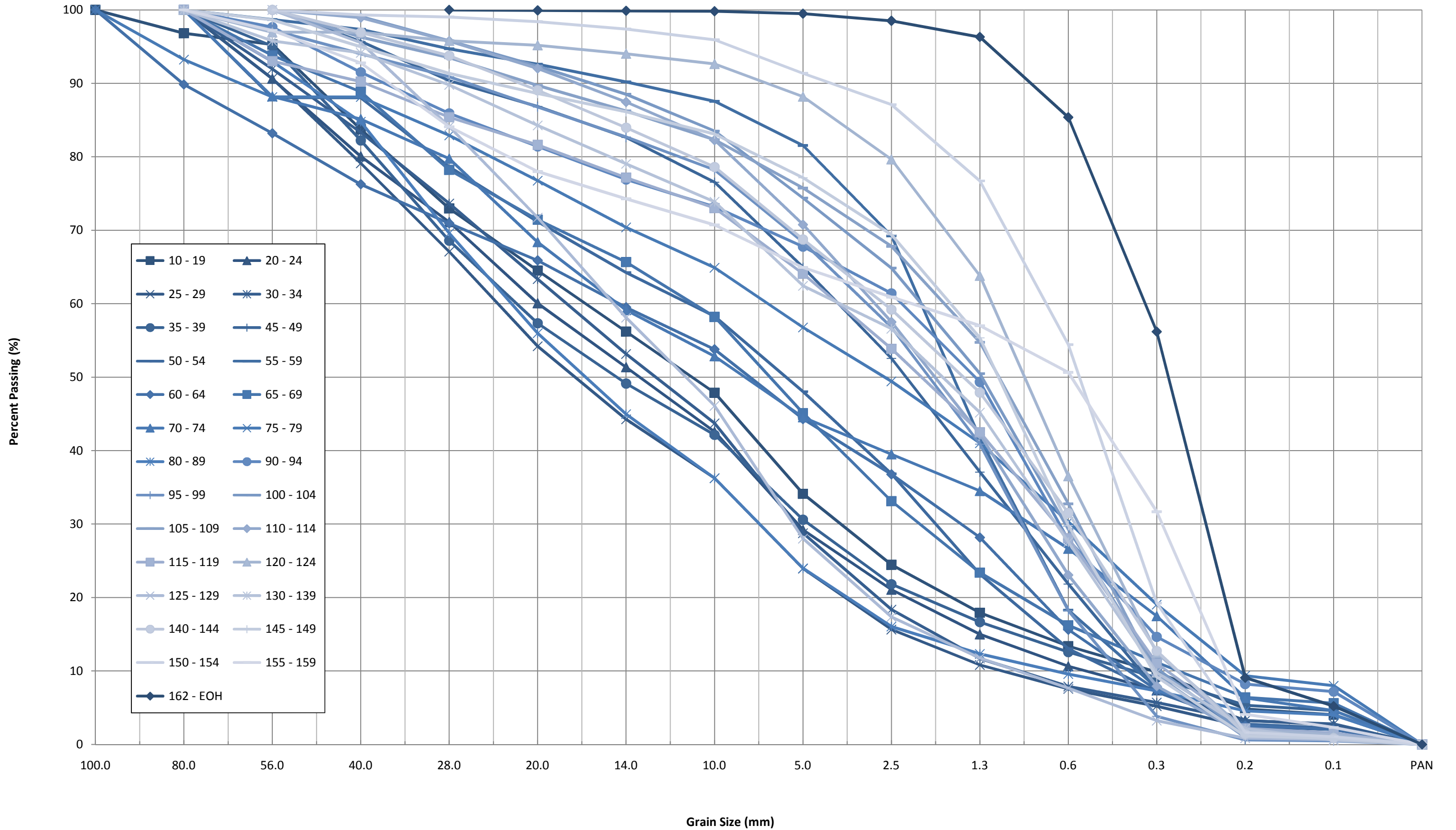
**Figure 11 - Drill Hole Summary by Category - DH10-01**


Figure 12 - Drill Hole Summary by Logarithmic Plot - DH10-01

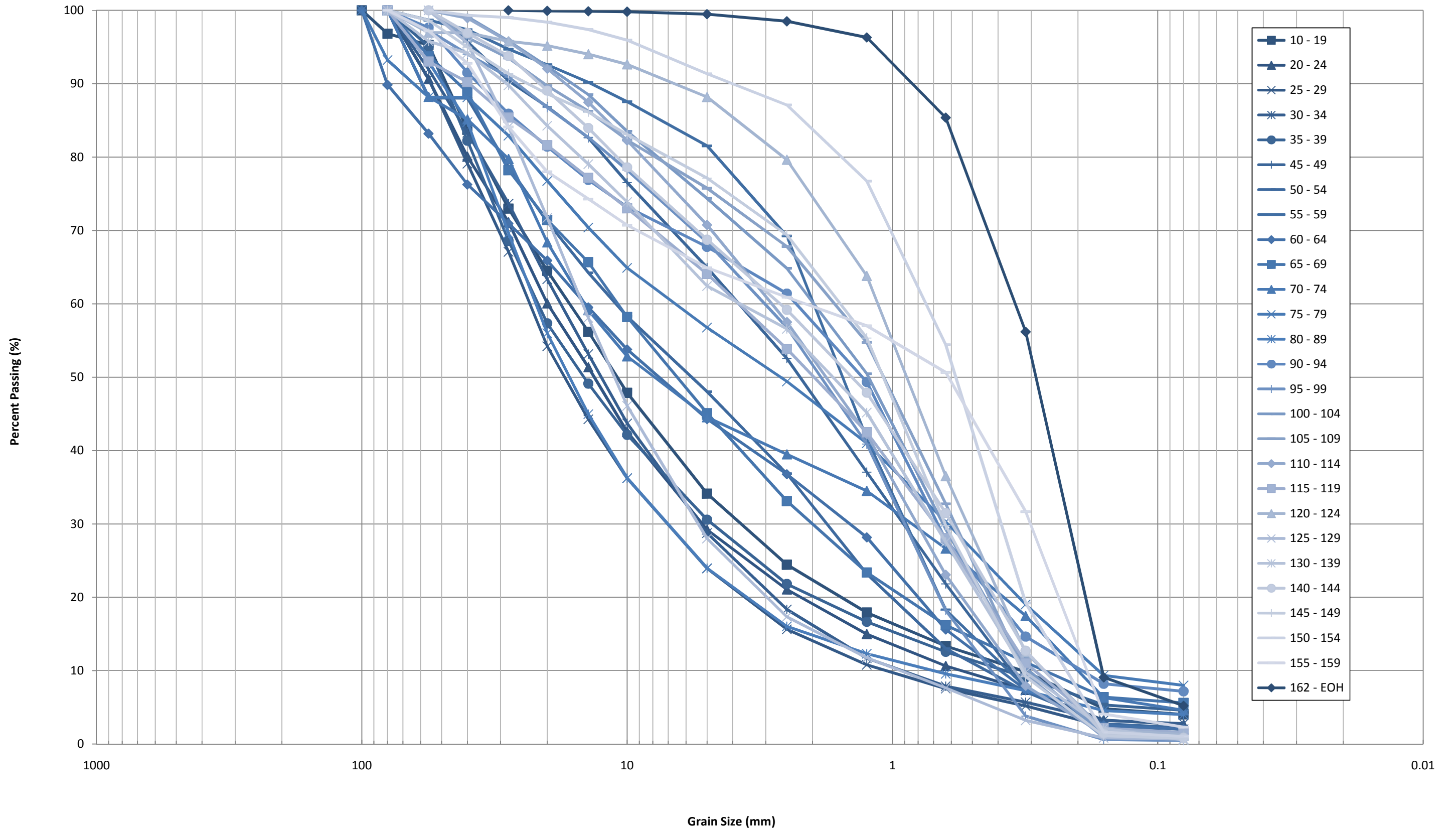


Figure 13 - Drill Hole Summary by Category - DH10-02

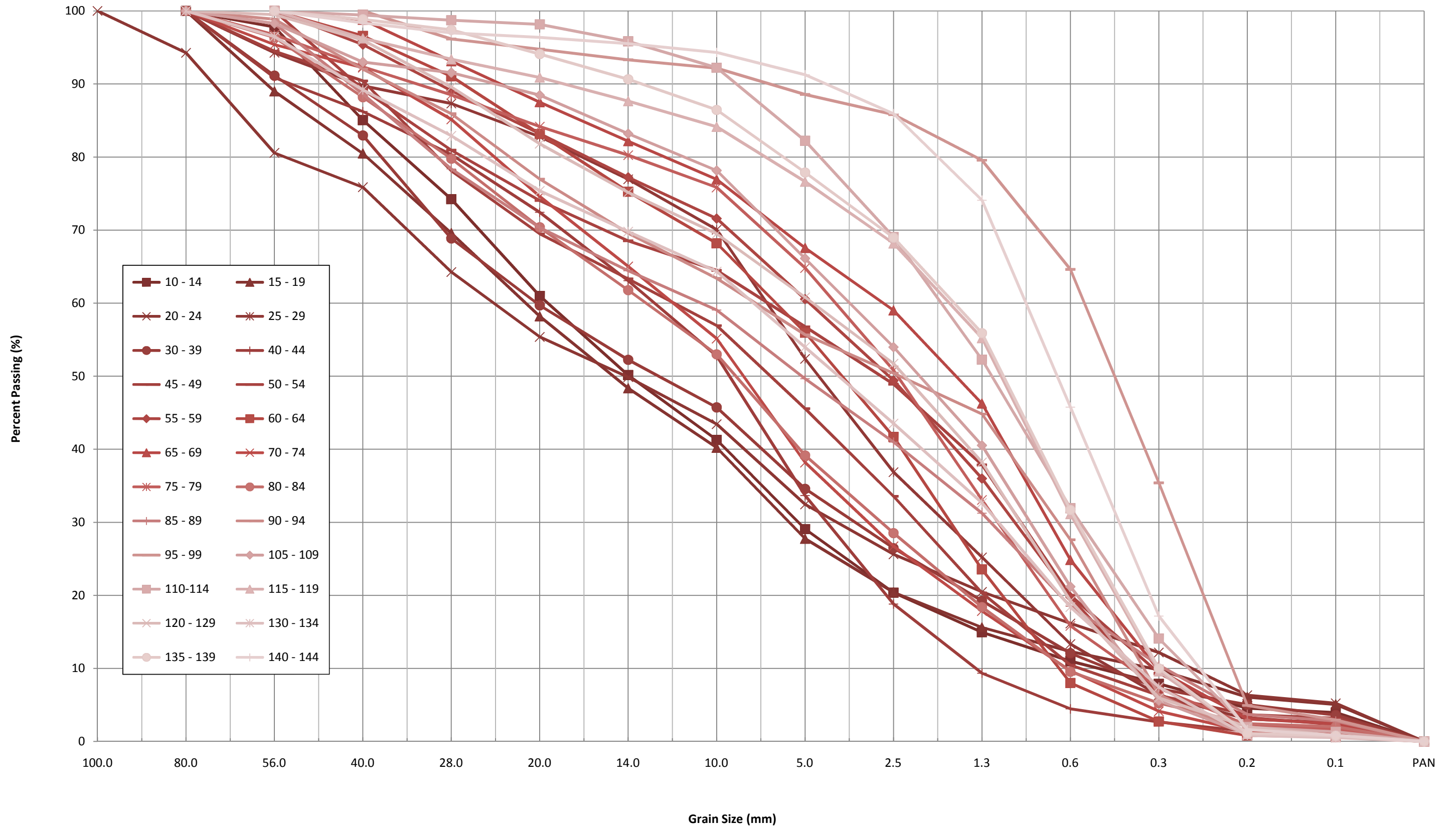




Figure 14 - Drill Hole Summary by Logarithmic Plot- DH10-02

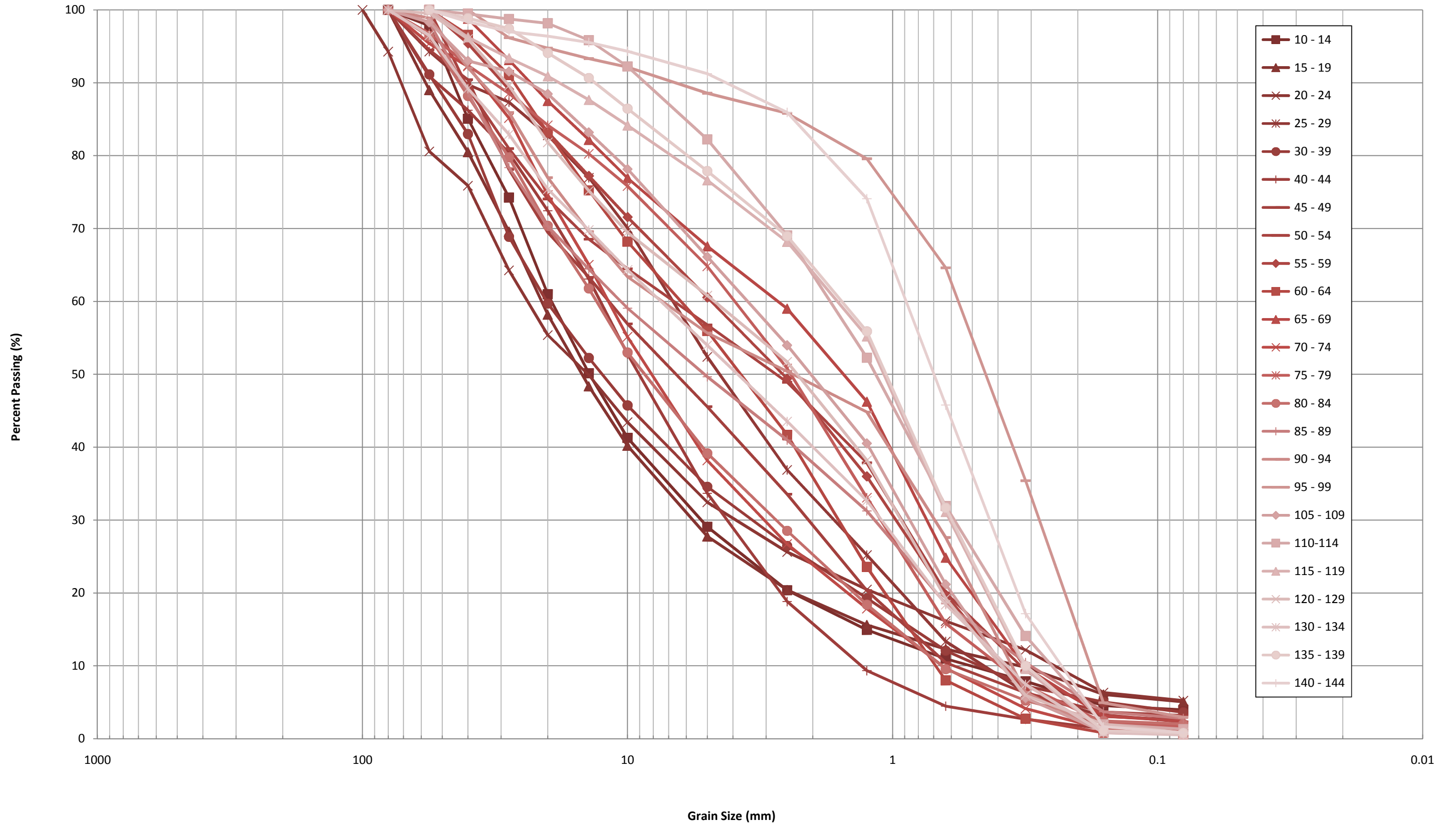


Figure 15 - Drill Hole Summary by Category - DH10-05

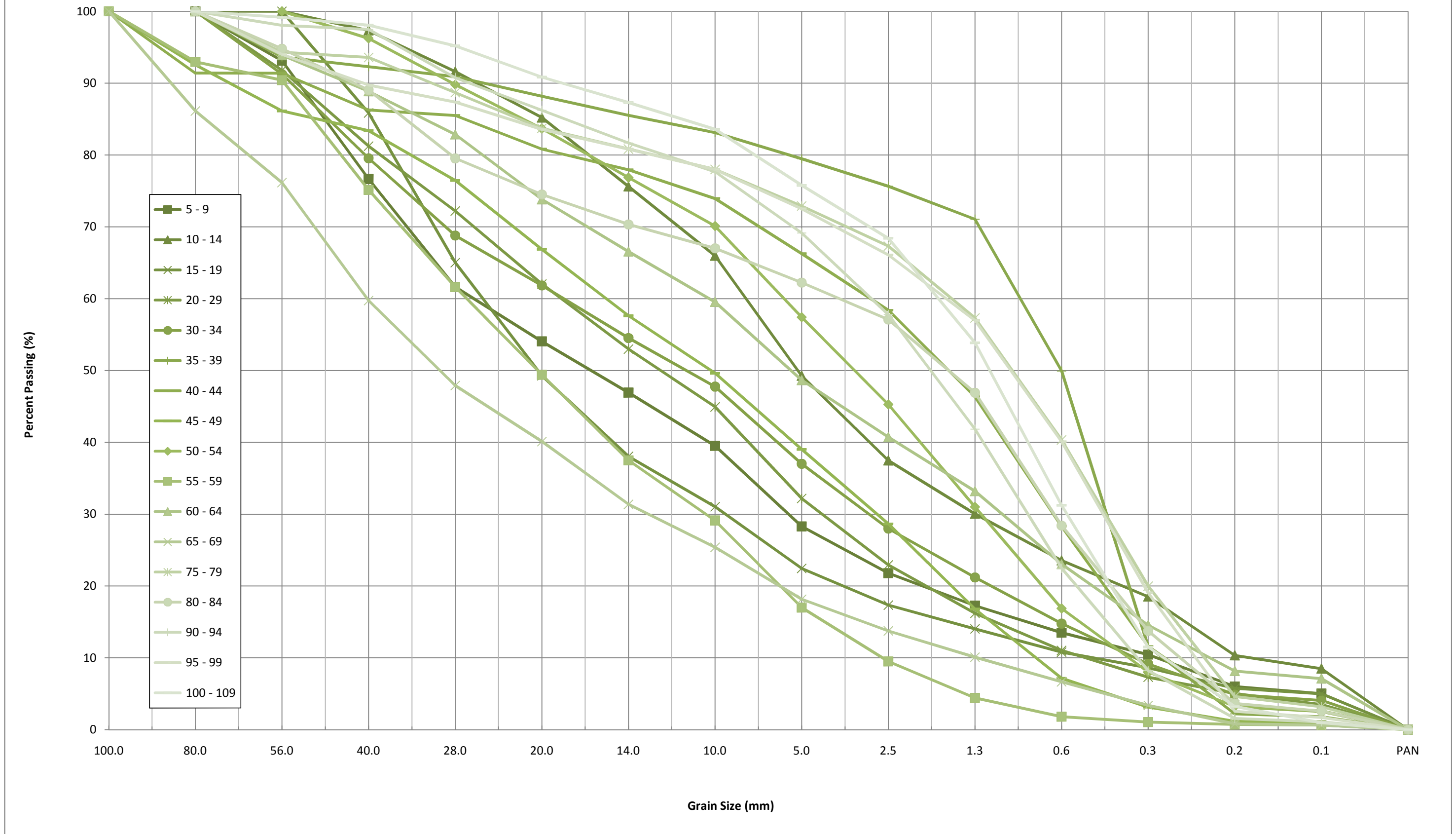


Figure 16 - Drill Hole Summary by Logarithmic Plot- DH10-05

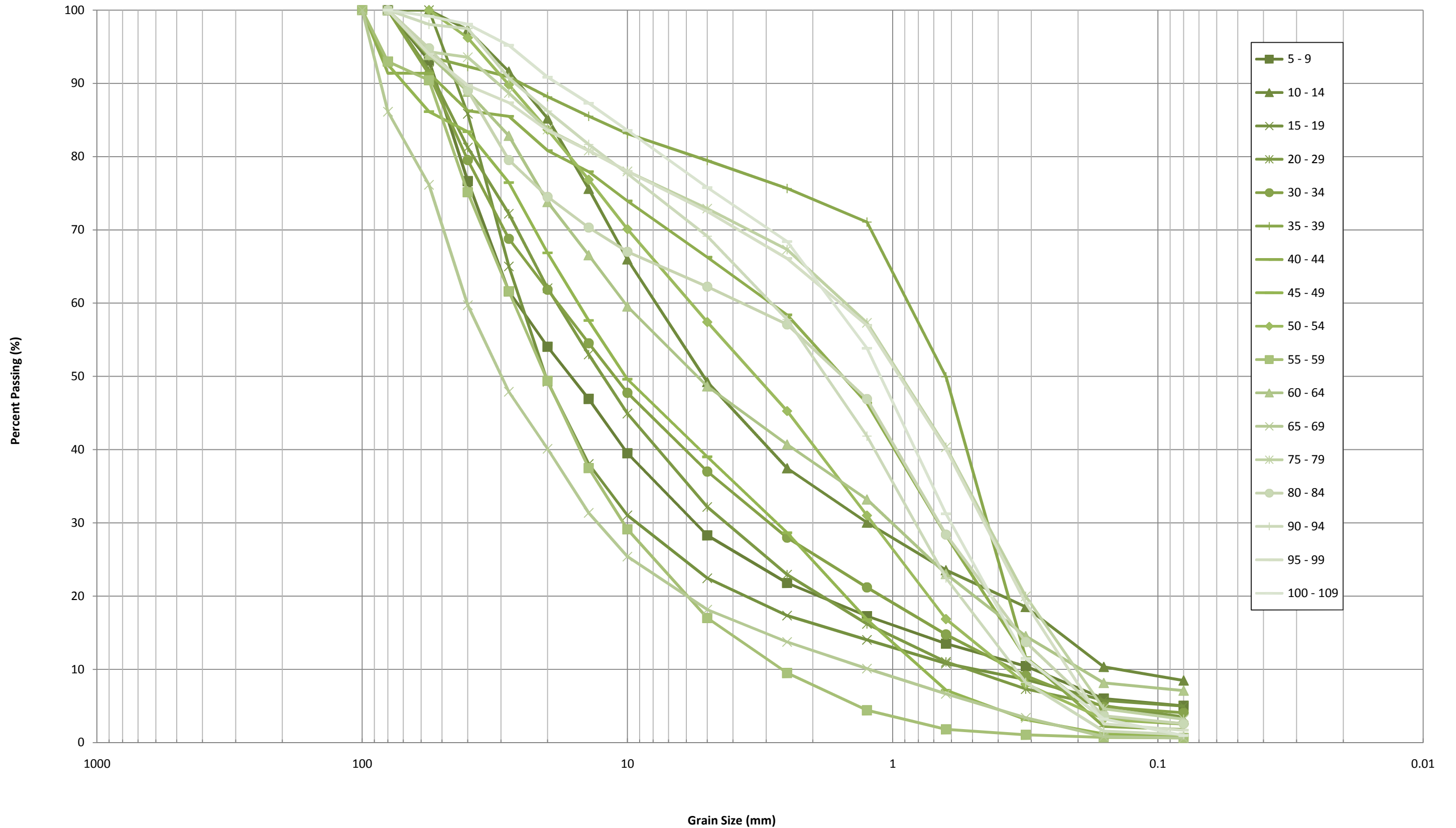


Figure 17 - Drill Hole Summary by Category - DH10-06

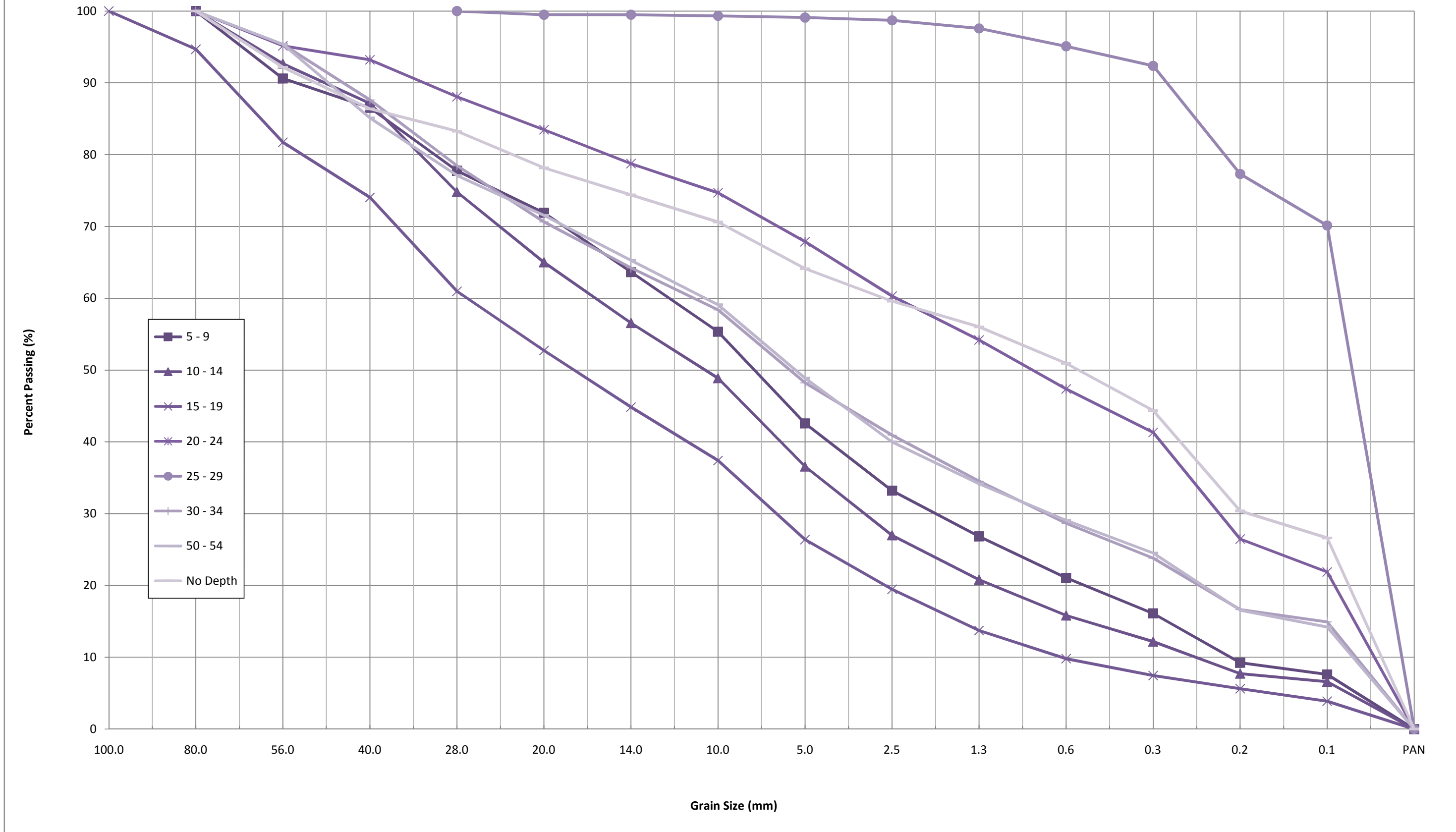


Figure 18 - Drill Hole Summary by Logarithmic Plot- DH10-06

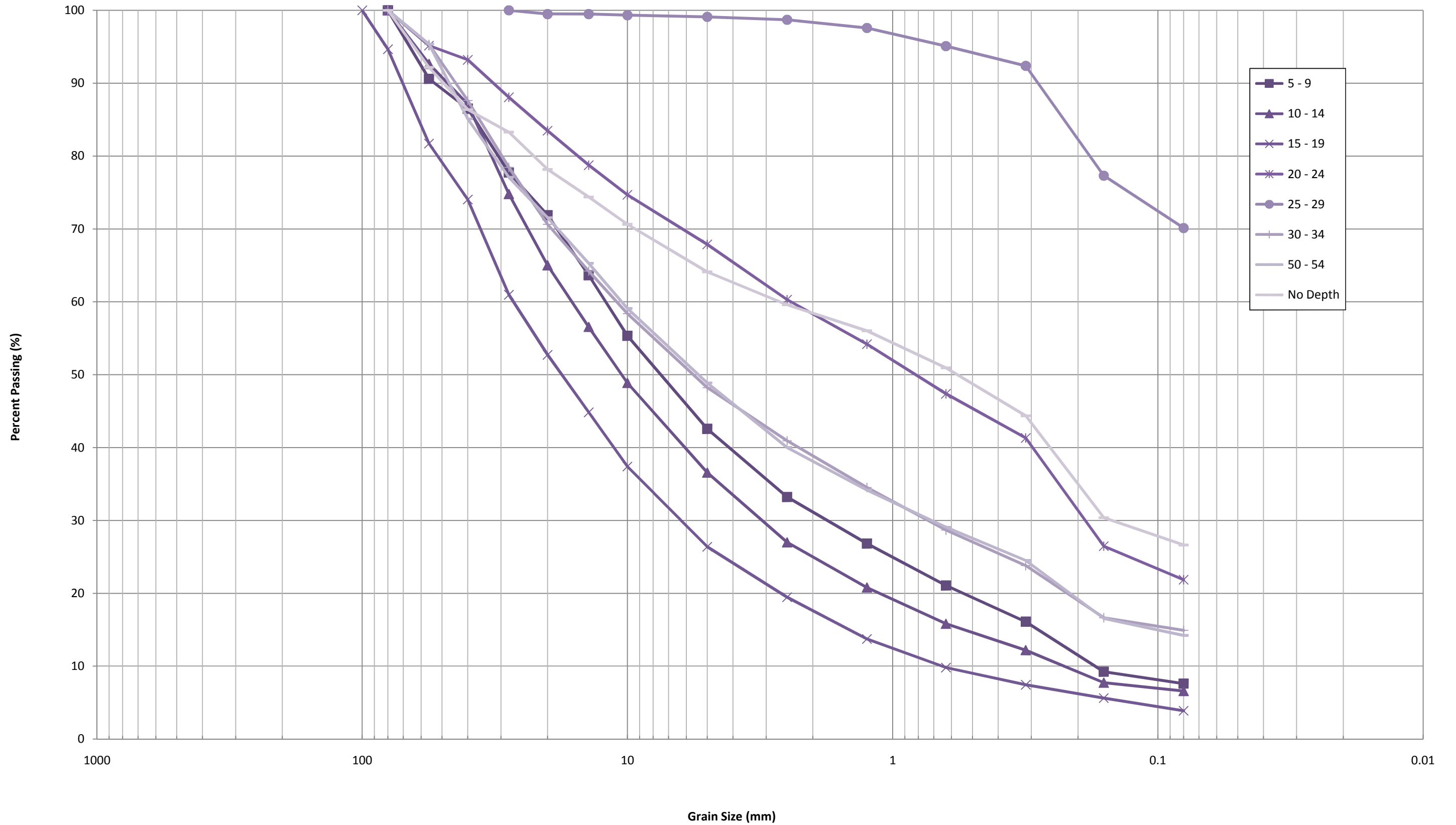


Figure 19 - Drill Hole Summary by Category - DH10-07

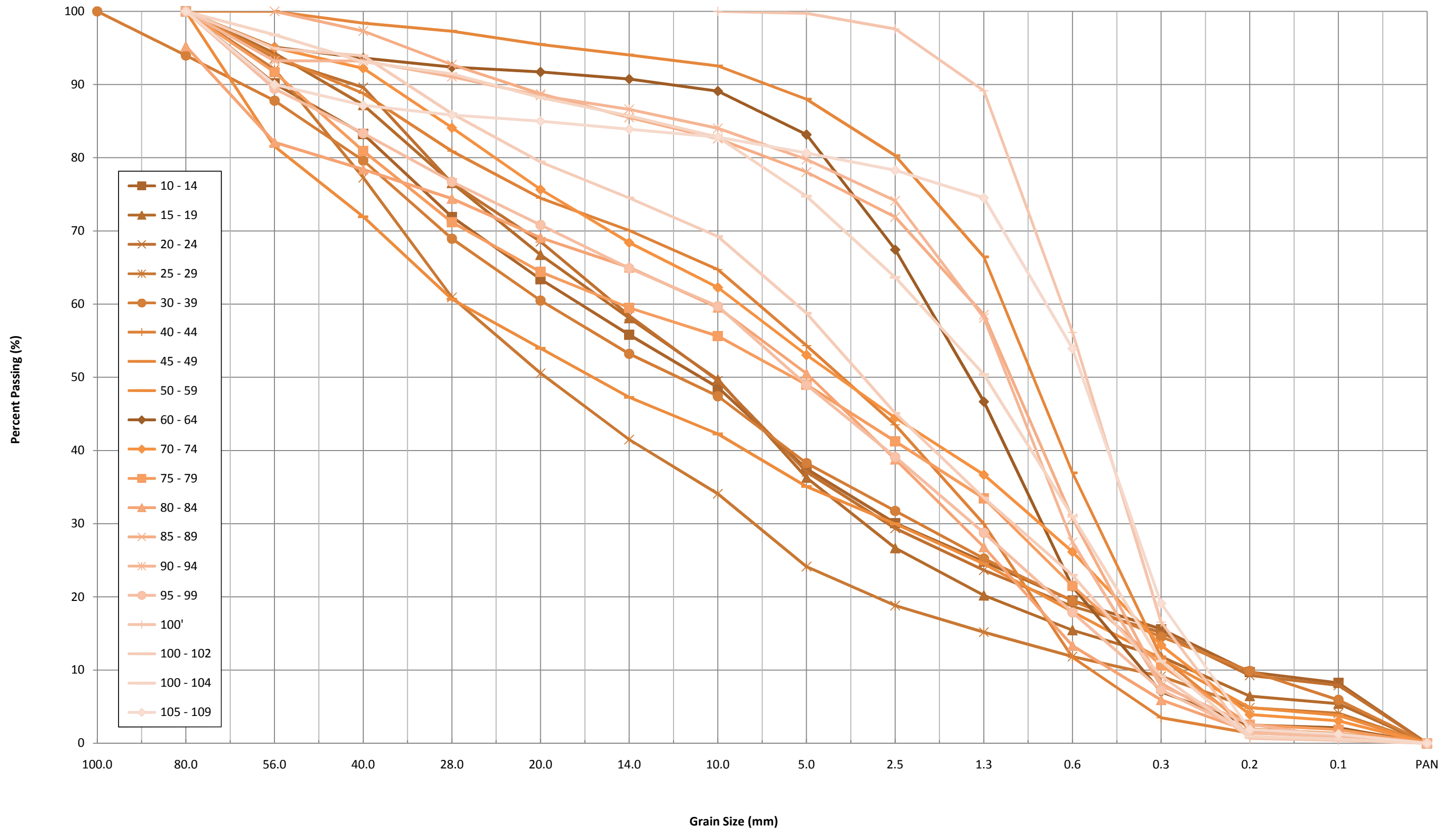




Figure 20- Drill Hole Summary by Logarithmic Plot- DH10-07

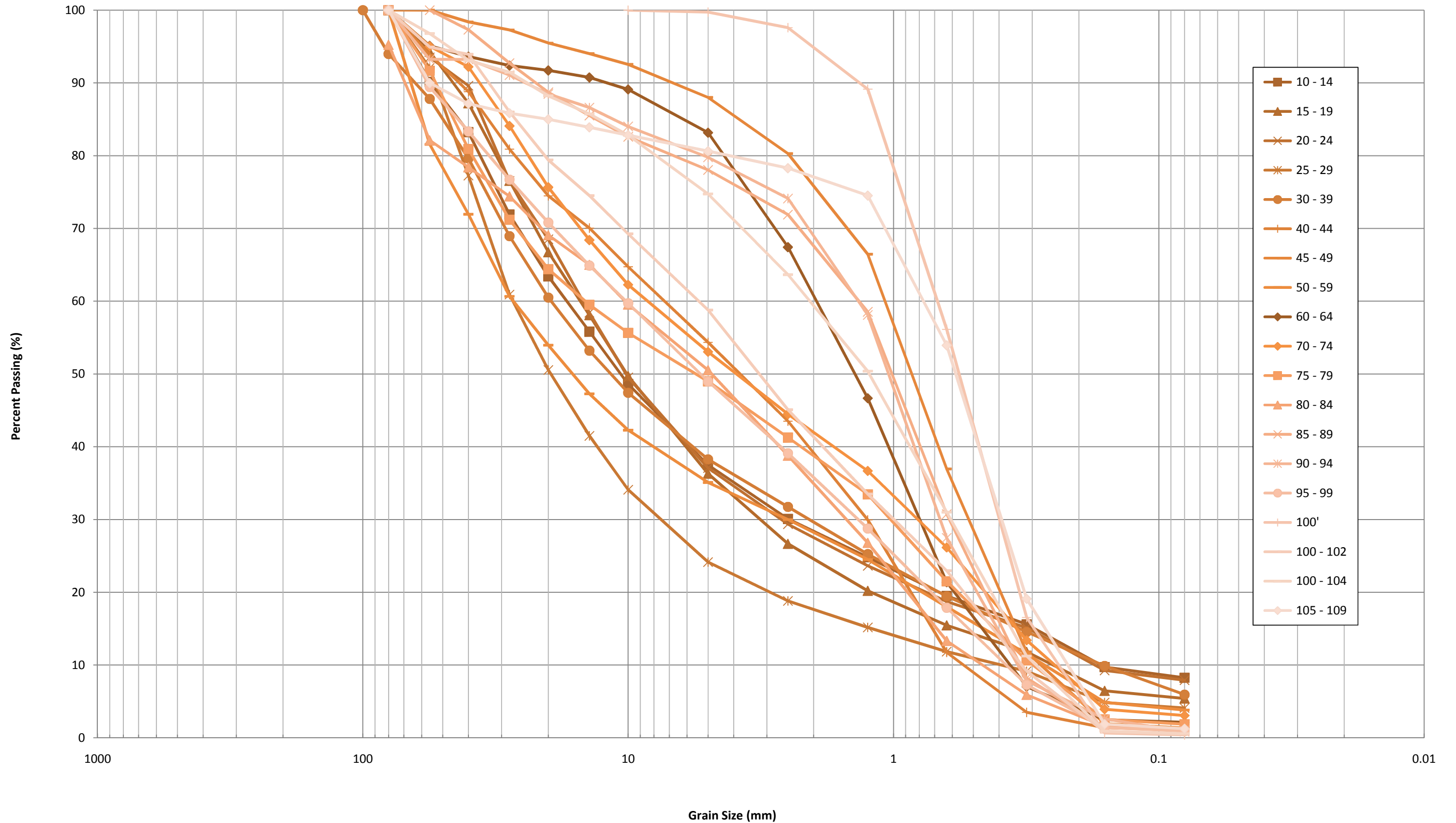


Figure 21 - Depth Range Summary by Category - 0 to 30 ft

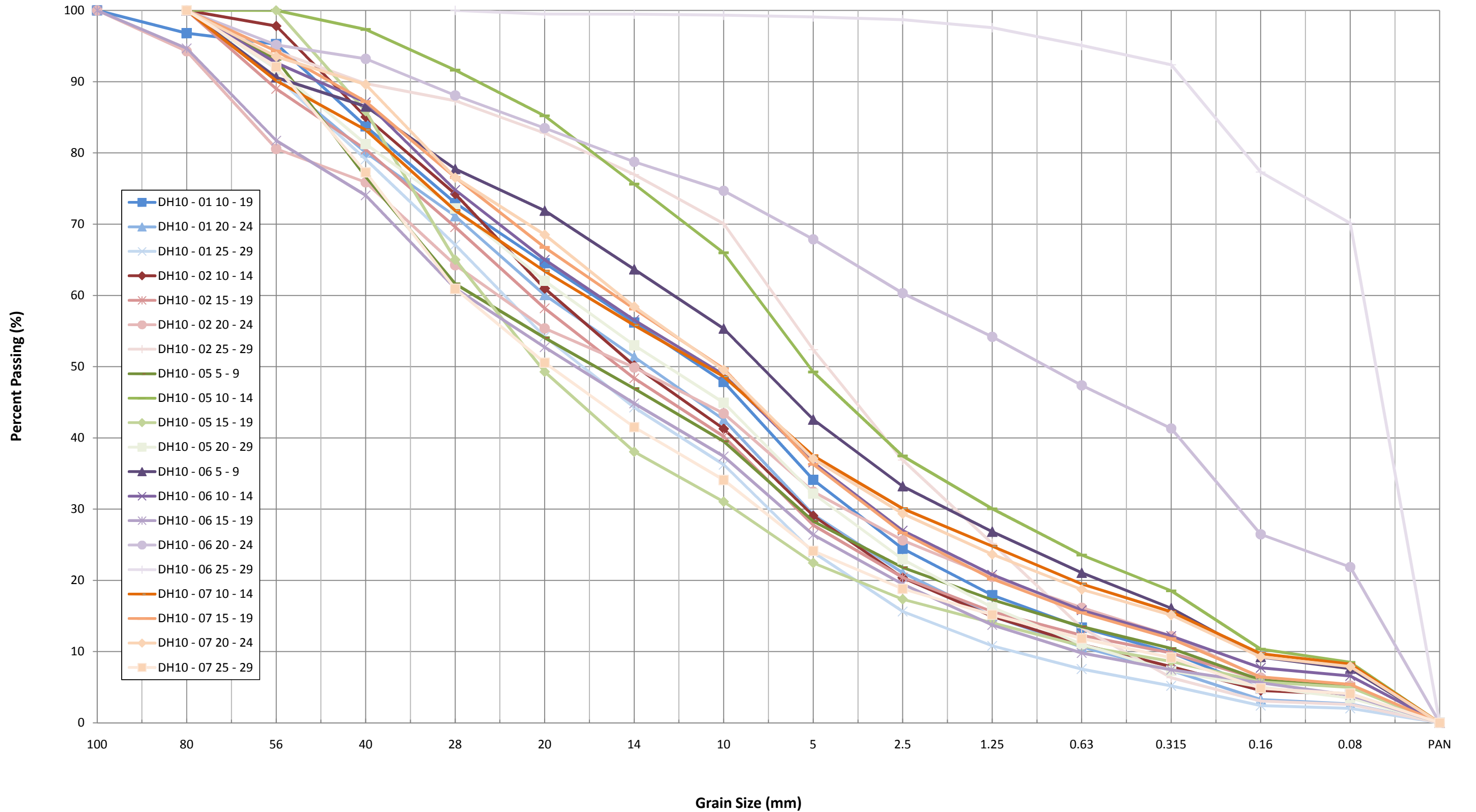




Figure 22 - Depth Range Summary by Category - 30 to 60 ft

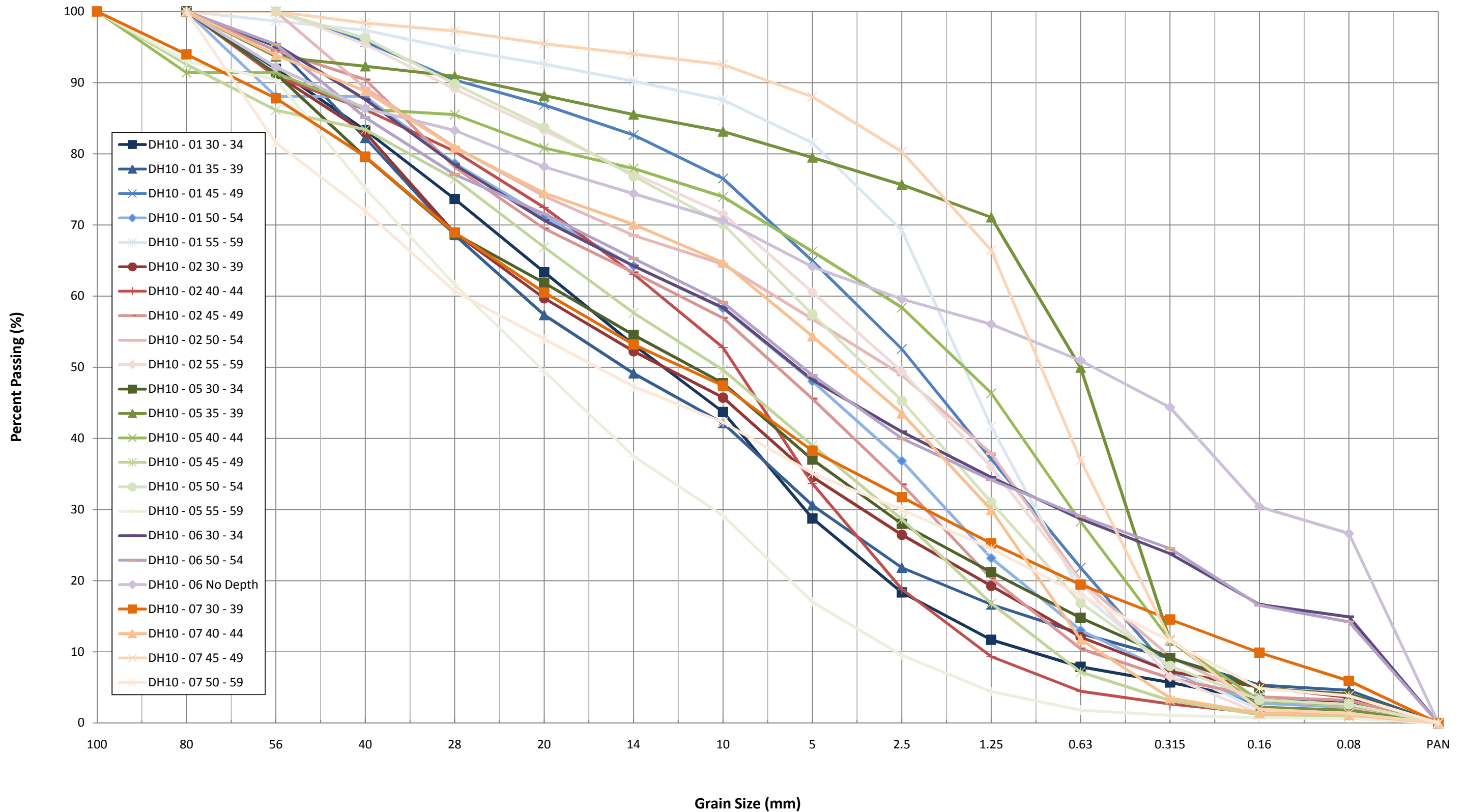


Figure 23 - Depth Range Summary by Category - 60 to 90 ft

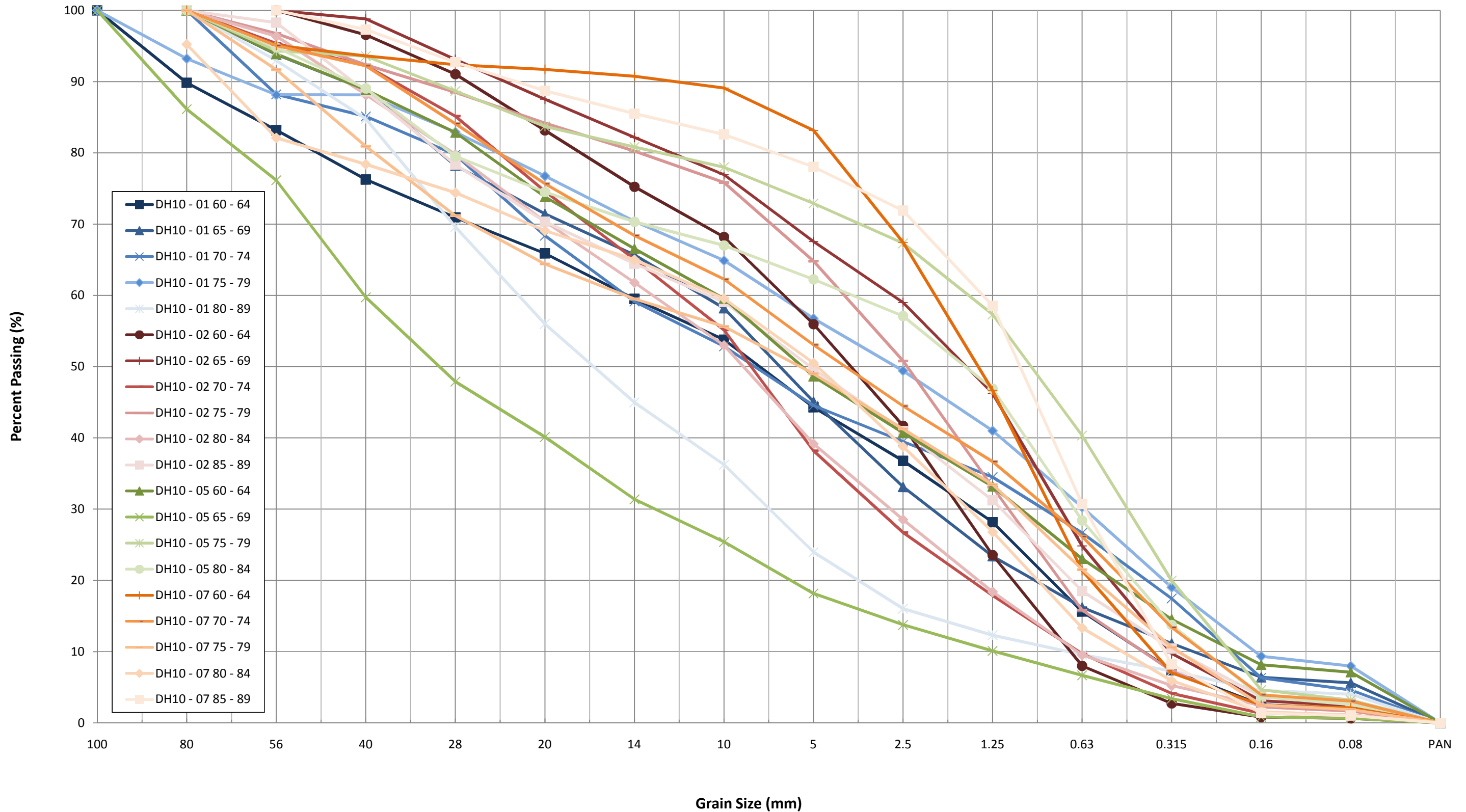


Figure 24 - Depth Range Summary by Category - 90 to 120 ft

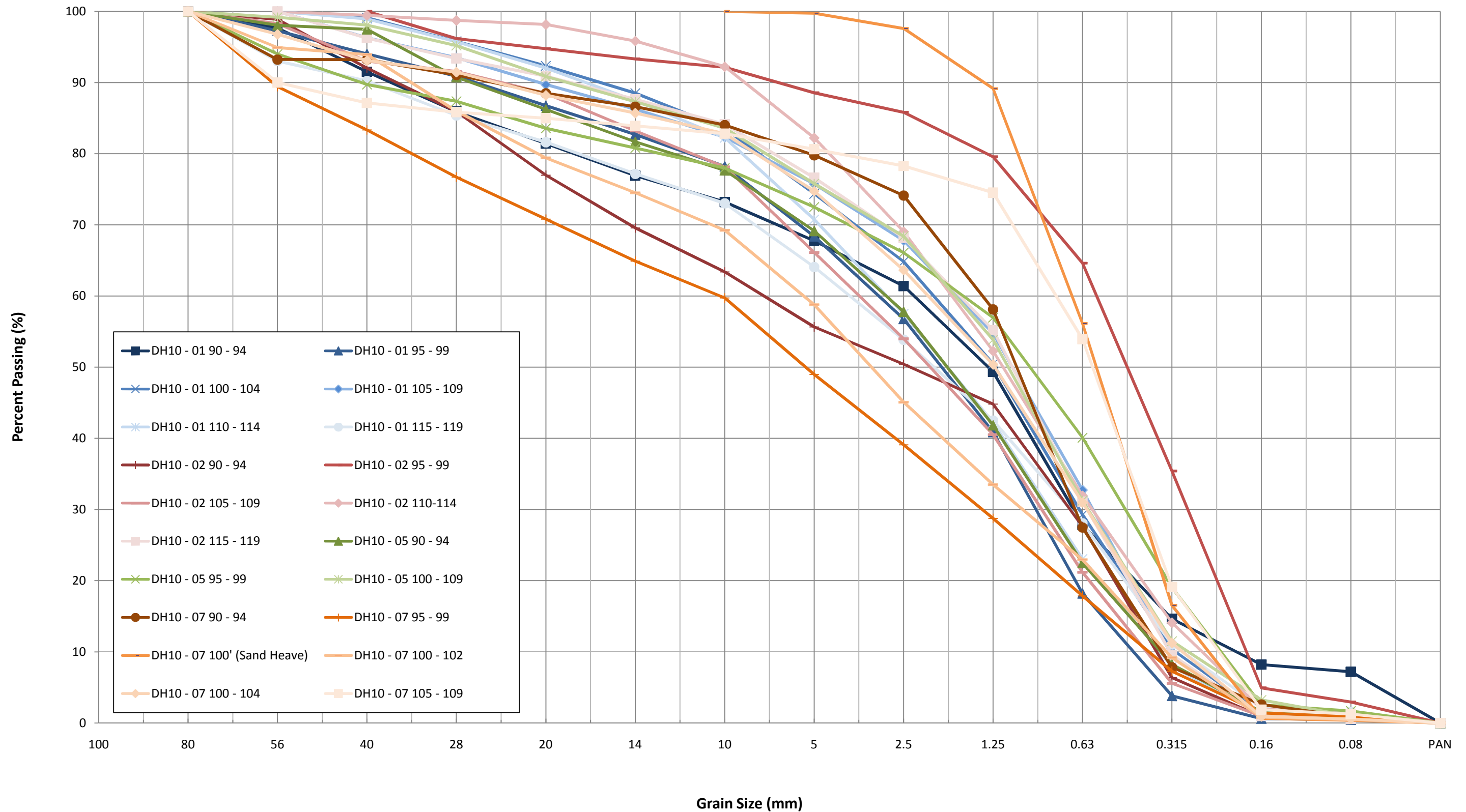


Figure 25 - Depth Range Summary by Category - 120 to 165 ft

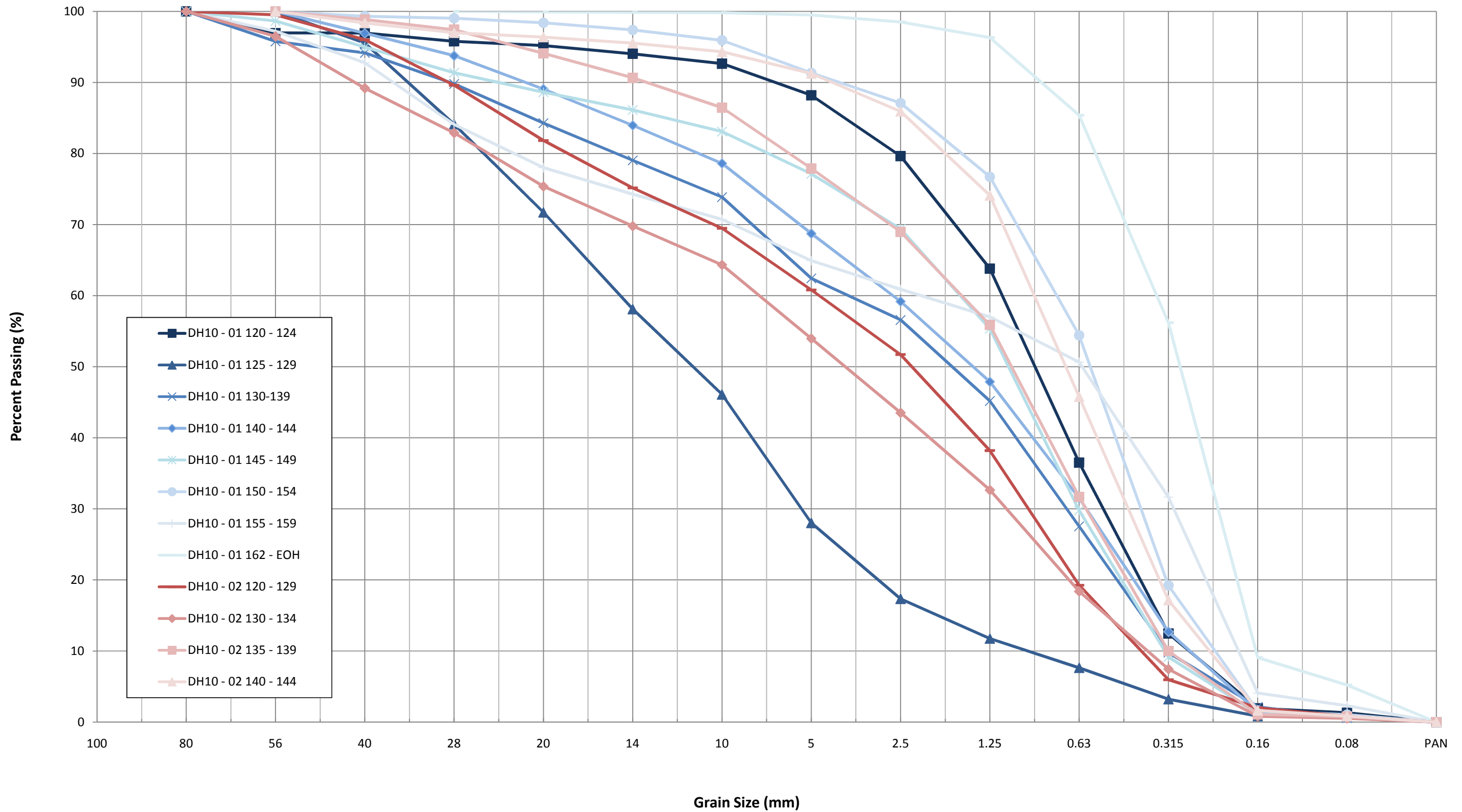
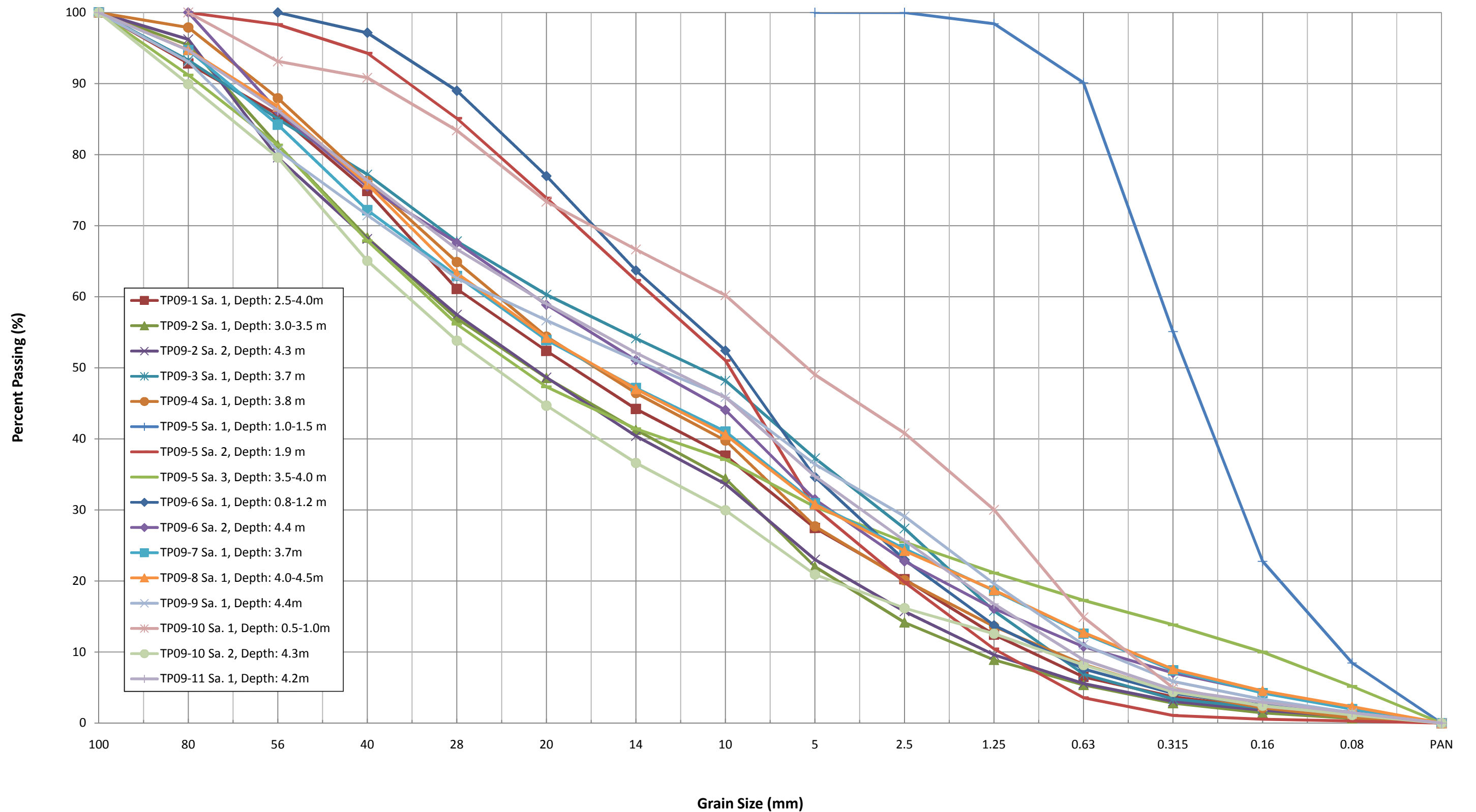


Figure 26 - Depth Range Summary by Category - Test Pit Samples



**ATTACHMENT 1**  
**Grain Size Distribution Individual Reports**



BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

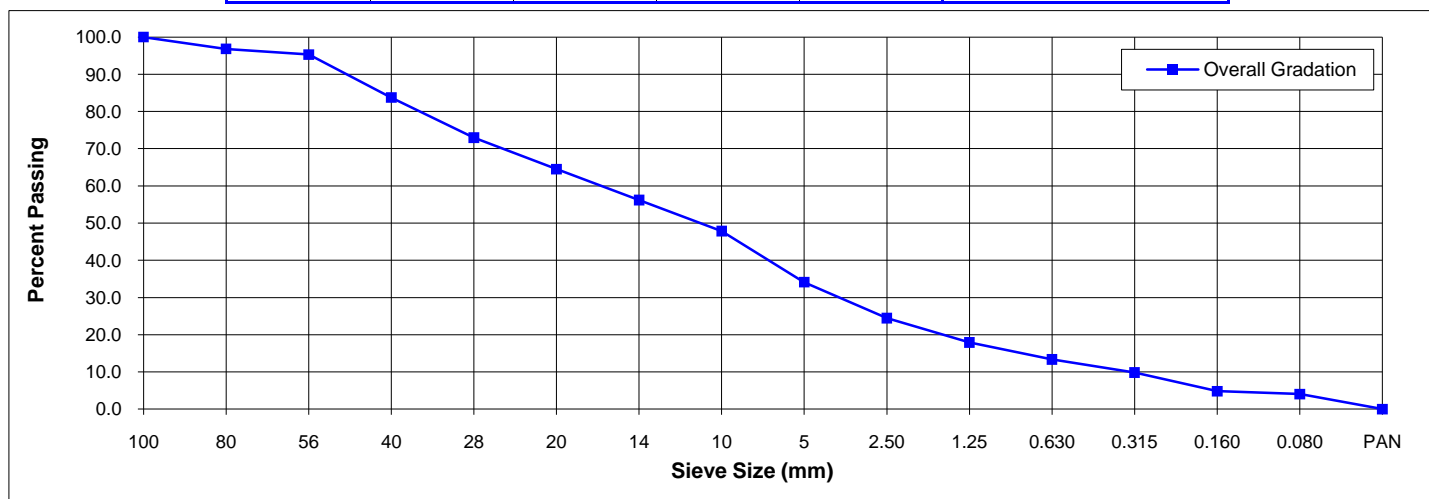
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>10 - 19</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 12, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
100	0.0	100.0	0.0		
80	3.2	96.8	4.8		
56	1.5	95.3	2.3		
40	11.5	83.7	17.5		
28	10.8	73.0	16.3		
20	8.5	64.5	12.9		
14	8.3	56.2	12.6		
10	8.3	47.9	12.7		
5	13.7	34.1	20.9		
2.50	9.7	24.4		28.4	
1.25	6.5	17.9		19.1	
0.630	4.6	13.4		13.4	
0.315	3.5	9.8		10.3	
0.160	5.0	4.8		14.7	
0.080	0.8	4.0		2.3	
PAN	4.0	0		11.8	
Total	100.0	100.0	100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.94

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



Notice: The test data given herein pertain to the sample provided, and may not be applicable to material from other zones/depths. This report constitutes a testing service only. Interpretation of the data given here may be provided upon request.

BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

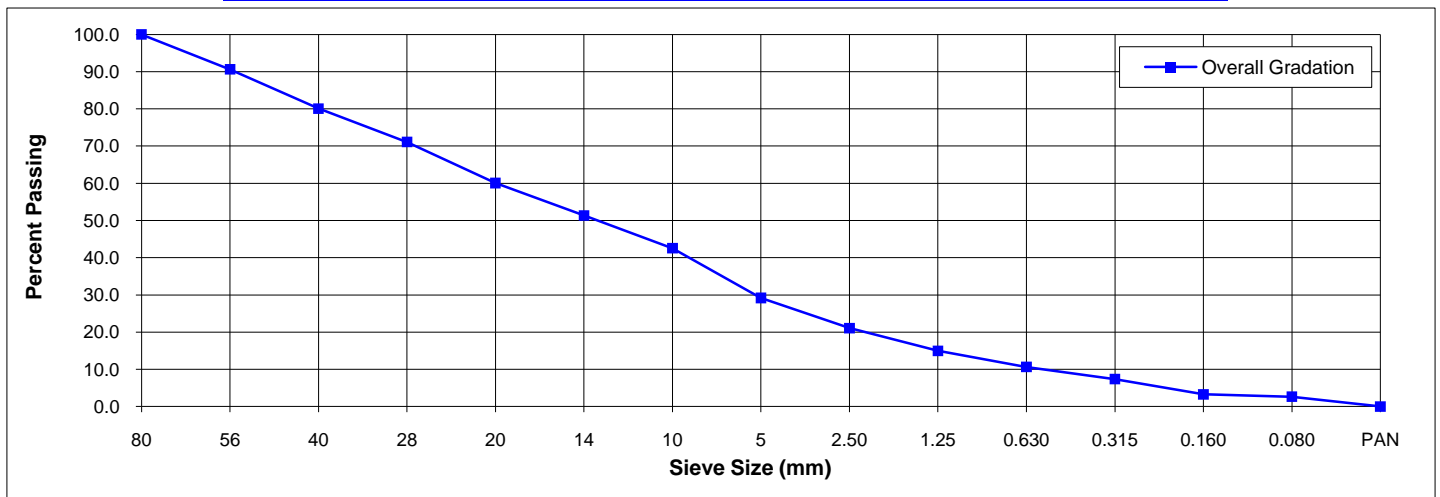
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>20 - 24</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 12, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	9.4	90.6	13.3		
40	10.5	80.1	14.9		
28	9.0	71.1	12.6		
20	11.1	60.1	15.6		
14	8.7	51.4	12.3		
10	8.8	42.6	12.4		
5	13.4	29.2	18.9		
2.50	8.1	21.1		27.9	
1.25	6.1	15.0		20.8	
0.630	4.3	10.6		14.9	
0.315	3.3	7.4		11.2	
0.160	4.1	3.3		14.0	
0.080	0.6	2.6		2.1	
PAN	2.6	0		9.1	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.04

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

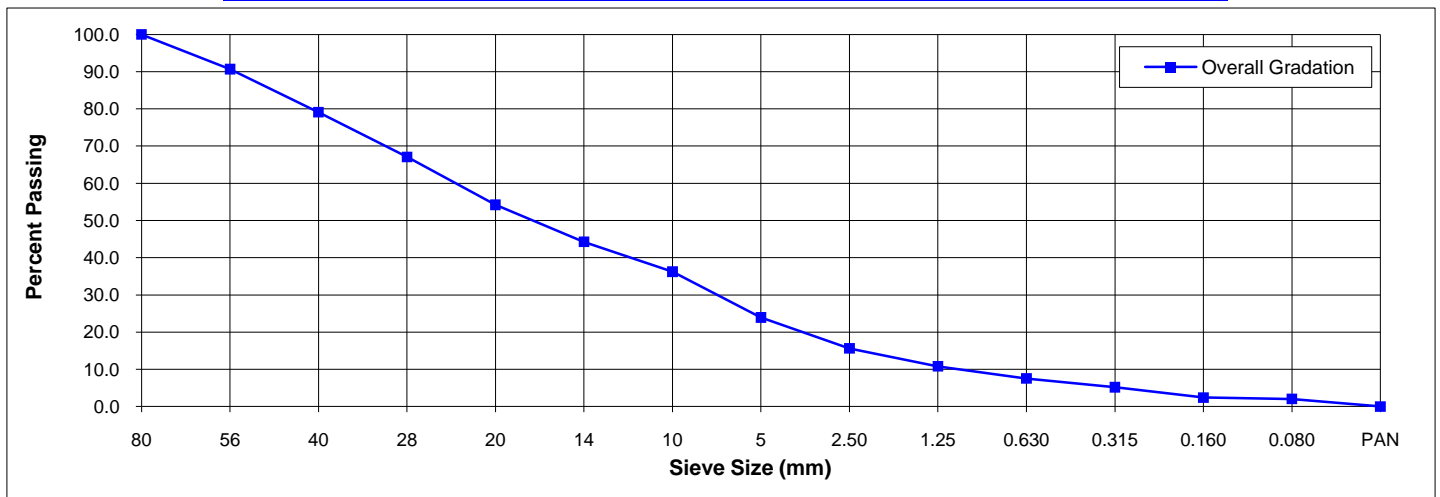
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>25 - 29</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	9.3	90.7	12.3		
40	11.6	79.1	15.2		
28	12.0	67.1	15.8		
20	12.9	54.2	16.9		
14	9.9	44.3	13.1		
10	8.0	36.2	10.6		
5	12.3	23.9	16.2		
2.50	8.3	15.6		34.7	
1.25	4.8	10.8		20.2	
0.630	3.3	7.5		13.6	
0.315	2.4	5.2		9.8	
0.160	2.8	2.4		11.6	
0.080	0.4	2.0		1.7	
PAN	2.0	0		8.5	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.26

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



Notice: The test data given herein pertain to the sample provided, and may not be applicable to material from other zones/depths. This report constitutes a testing service only. Interpretation of the data given here may be provided upon request.

BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

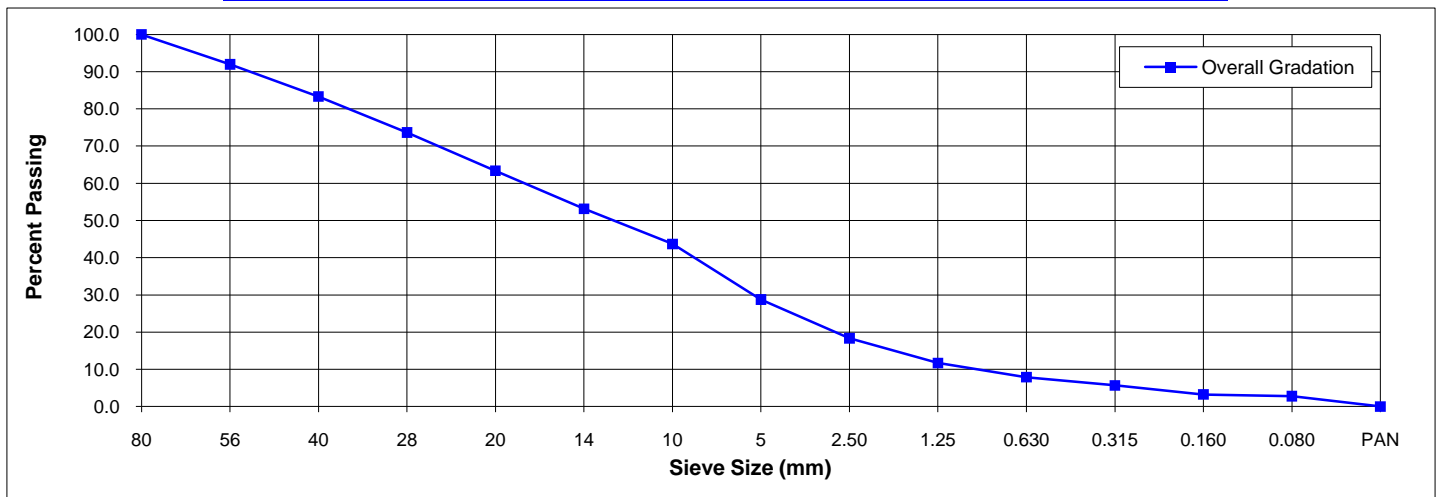
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>30 - 34</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 12, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	8.0	92.0	11.3		
40	8.6	83.3	12.1		
28	9.7	73.7	13.6		
20	10.3	63.3	14.5		
14	10.2	53.2	14.3		
10	9.4	43.7	13.3		
5	15.0	28.8	21.0		
2.50	10.4	18.3		36.2	
1.25	6.7	11.7		23.1	
0.630	3.8	7.9		13.2	
0.315	2.2	5.7		7.6	
0.160	2.5	3.2		8.5	
0.080	0.4	2.8		1.5	
PAN	2.8	0		9.7	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.37

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



Notice: The test data given herein pertain to the sample provided, and may not be applicable to material from other zones/depths. This report constitutes a testing service only. Interpretation of the data given here may be provided upon request.

BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

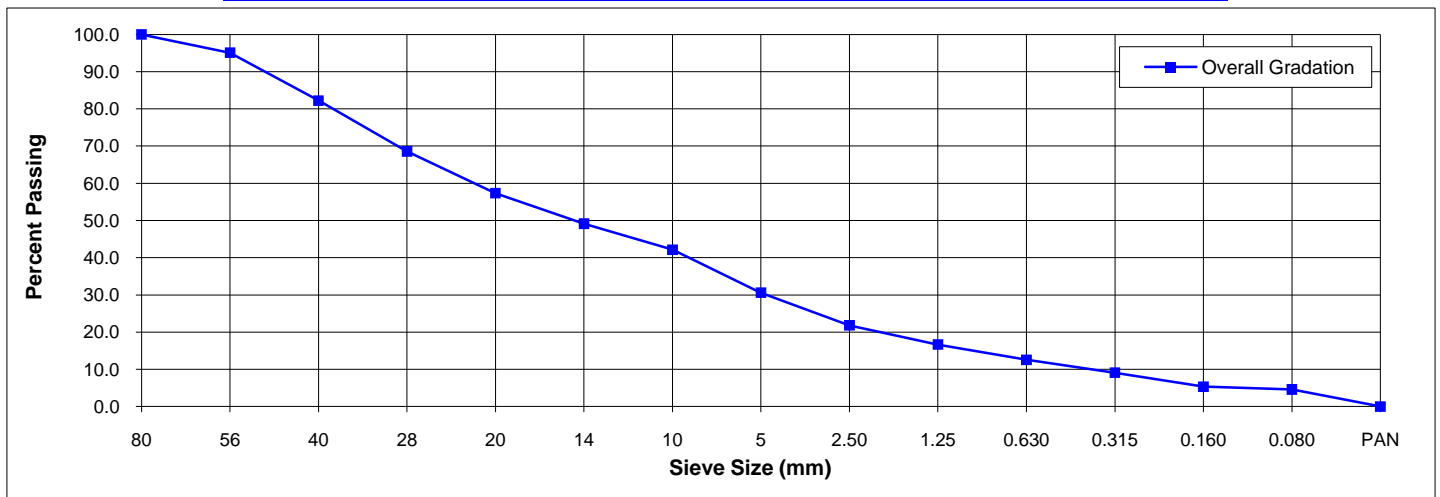
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>35 - 39</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	4.9	95.1	7.1		
40	12.9	82.2	18.5		
28	13.6	68.6	19.7		
20	11.2	57.3	16.2		
14	8.2	49.1	11.8		
10	7.0	42.1	10.1		
5	11.6	30.6	16.7		
2.50	8.8	21.8		28.7	
1.25	5.2	16.7		16.9	
0.630	4.1	12.6		13.4	
0.315	3.5	9.1		11.4	
0.160	3.8	5.3		12.3	
0.080	0.7	4.6		2.4	
PAN	4.6	0		15.0	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.86

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

July 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

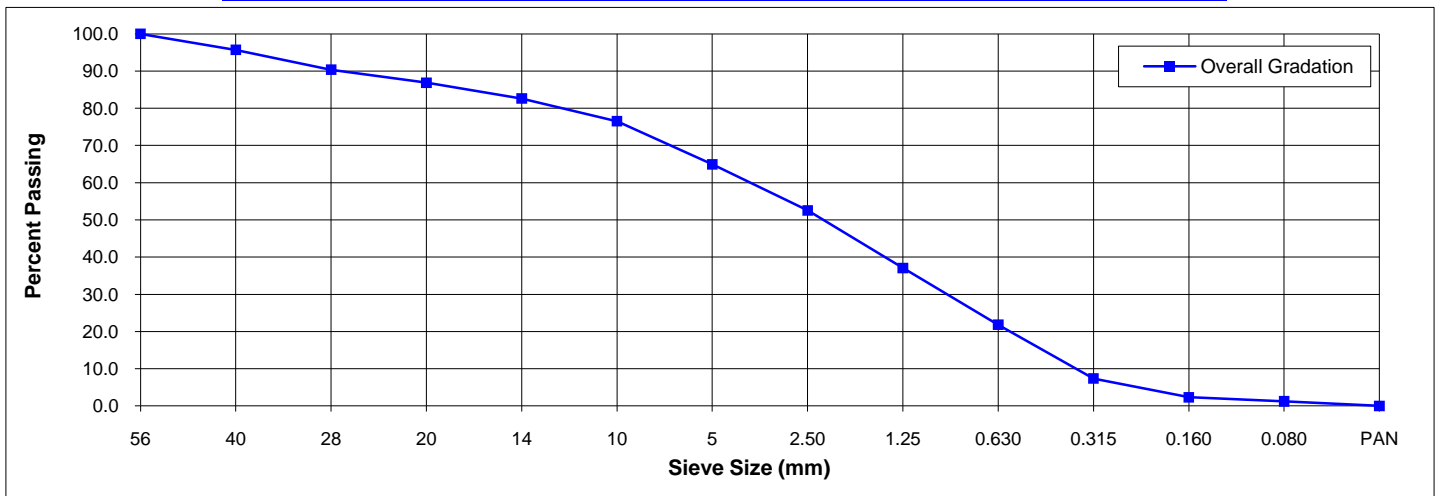
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>45 - 49</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: July 16, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	4.3	95.7	12.3		
28	5.3	90.4	15.2		
20	3.5	86.9	10.0		
14	4.2	82.6	12.0		
10	6.1	76.5	17.4		
5	11.6	64.9	33.0		
2.50	12.4	52.6		19.1	
1.25	15.5	37.1		23.9	
0.630	15.2	21.8		23.5	
0.315	14.5	7.4		22.3	
0.160	5.1	2.3		7.8	
0.080	1.1	1.2		1.7	
PAN	1.2	0		1.9	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.13

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



Notice: The test data given herein pertain to the sample provided, and may not be applicable to material from other zones/depths. This report constitutes a testing service only. Interpretation of the data given here may be provided upon request.

BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

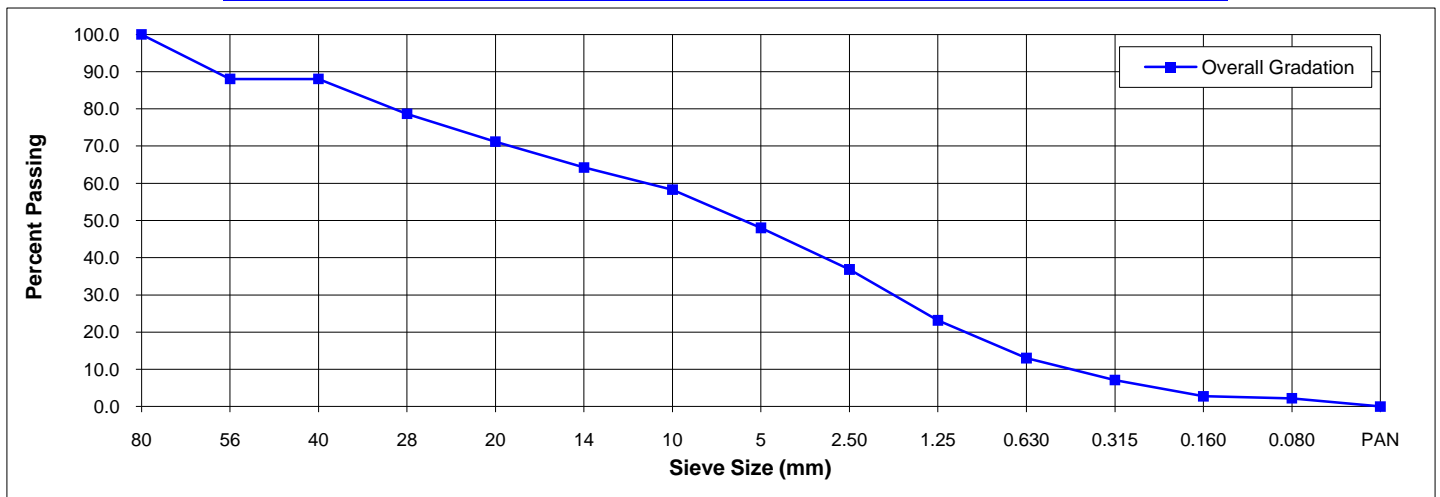
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>50 - 54</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	12.0	88.0	23.0		
40	0.0	88.0	0.0		
28	9.4	78.7	18.0		
20	7.5	71.2	14.4		
14	6.9	64.2	13.3		
10	6.0	58.3	11.5		
5	10.3	48.0	19.7		
2.50	11.2	36.8		23.3	
1.25	13.7	23.2		28.4	
0.630	10.2	13.0		21.2	
0.315	5.9	7.1		12.3	
0.160	4.4	2.8		9.1	
0.080	0.5	2.2		1.1	
PAN	2.2	0		4.6	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.27

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

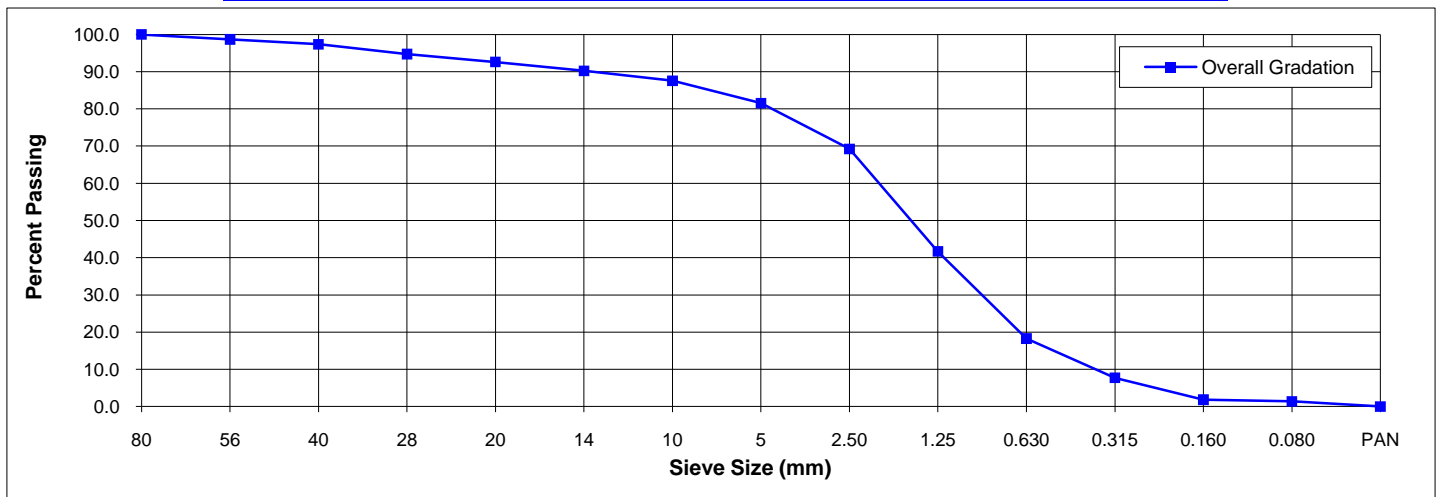
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>55 - 59</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	1.3	98.7	7.2		
40	1.3	97.4	7.1		
28	2.6	94.7	14.3		
20	2.1	92.6	11.5		
14	2.4	90.2	12.9		
10	2.7	87.6	14.4		
5	6.0	81.5	32.6		
2.50	12.3	69.2		15.1	
1.25	27.6	41.7		33.8	
0.630	23.4	18.3		28.7	
0.315	10.6	7.7		13.0	
0.160	5.9	1.9		7.2	
0.080	0.5	1.4		0.6	
PAN	1.4	0		1.7	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.30

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

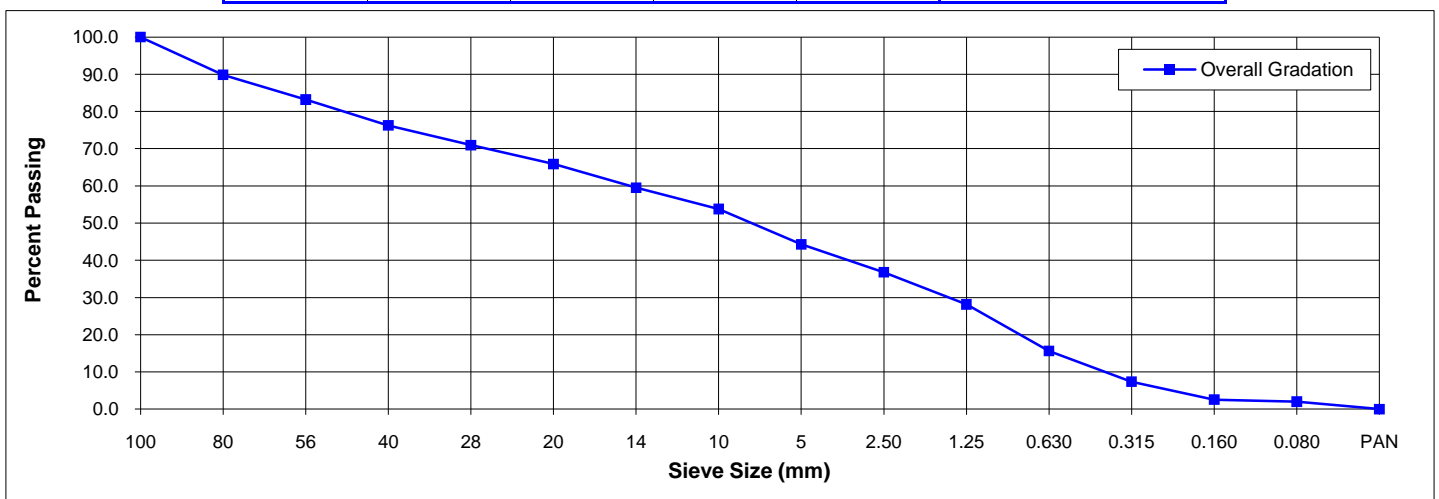
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>60 - 64</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
100	0.0	100.0	0.0		
80	10.2	89.8	18.2		
56	6.6	83.2	11.9		
40	6.9	76.3	12.4		
28	5.3	70.9	9.5		
20	5.1	65.9	9.1		
14	6.4	59.5	11.5		
10	5.7	53.8	10.3		
5	9.5	44.3	17.0		
2.50	7.5	36.8		17.0	
1.25	8.6	28.2		19.4	
0.630	12.6	15.6		28.3	
0.315	8.2	7.4		18.6	
0.160	4.8	2.6		10.9	
0.080	0.5	2.0		1.2	
PAN	2.0	0		4.6	
Total	100.0	100.0	100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.96

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

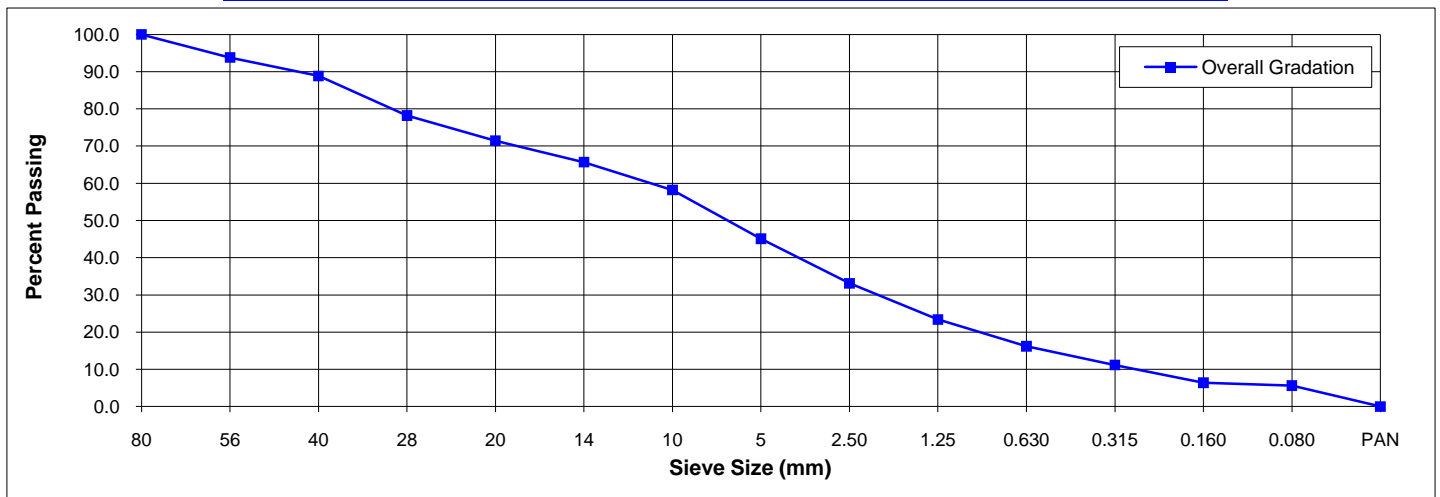
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>65 - 69</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	6.2	93.8	11.3		
40	5.0	88.9	9.0		
28	10.6	78.2	19.4		
20	6.8	71.4	12.4		
14	5.8	65.7	10.5		
10	7.5	58.2	13.6		
5	13.1	45.1	23.9		
2.50	12.0	33.1		26.6	
1.25	9.7	23.4		21.6	
0.630	7.2	16.2		15.9	
0.315	5.1	11.2		11.2	
0.160	4.8	6.4		10.5	
0.080	0.8	5.6		1.7	
PAN	5.6	0		12.4	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.00

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

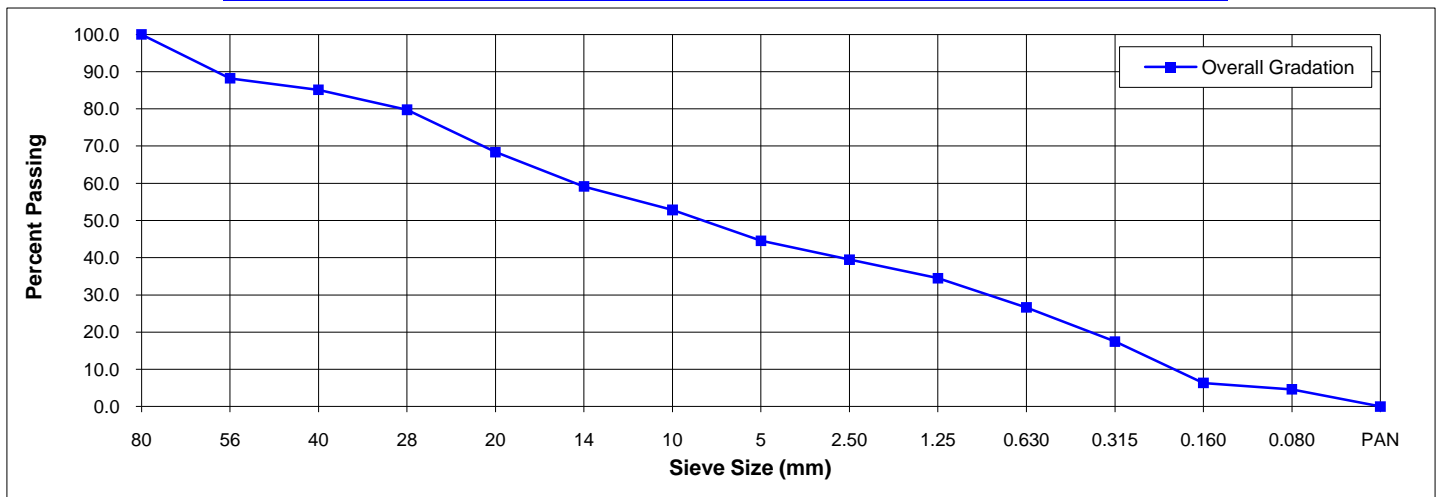
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>70 - 74</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	11.8	88.2	21.2		
40	3.1	85.1	5.6		
28	5.4	79.7	9.7		
20	11.4	68.4	20.5		
14	9.2	59.1	16.7		
10	6.3	52.8	11.3		
5	8.3	44.5	15.0		
2.50	5.0	39.5		11.3	
1.25	5.0	34.5		11.2	
0.630	7.9	26.6		17.7	
0.315	9.2	17.5		20.6	
0.160	11.1	6.3		25.0	
0.080	1.7	4.6		3.9	
PAN	4.6	0		10.4	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.21

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

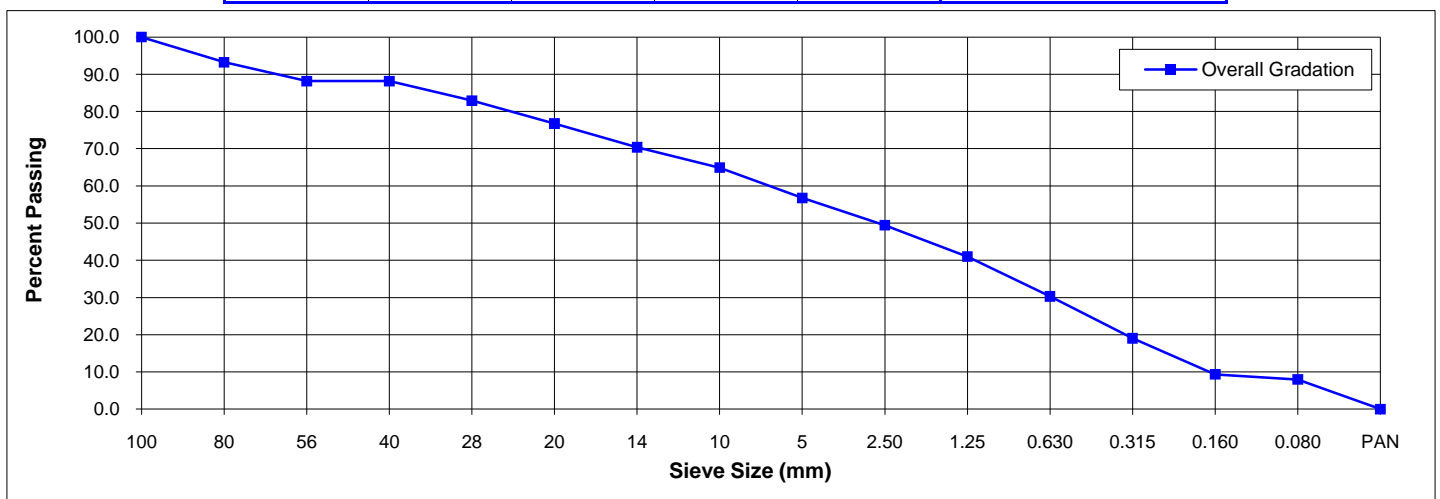
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>75 - 79</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
100	0.0	100.0	0.0		
80	6.8	93.2	15.7		
56	5.1	88.1	11.8		
40	0.0	88.1	0.0		
28	5.2	82.9	12.1		
20	6.2	76.8	14.3		
14	6.4	70.4	14.7		
10	5.5	64.9	12.7		
5	8.1	56.8	18.8		
2.50	7.3	49.4		12.9	
1.25	8.4	41.0		14.8	
0.630	10.7	30.3		18.9	
0.315	11.3	19.0		19.8	
0.160	9.7	9.4		17.0	
0.080	1.4	8.0		2.4	
PAN	8.0	0		14.1	
Total	100.0	100.0	100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.37

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

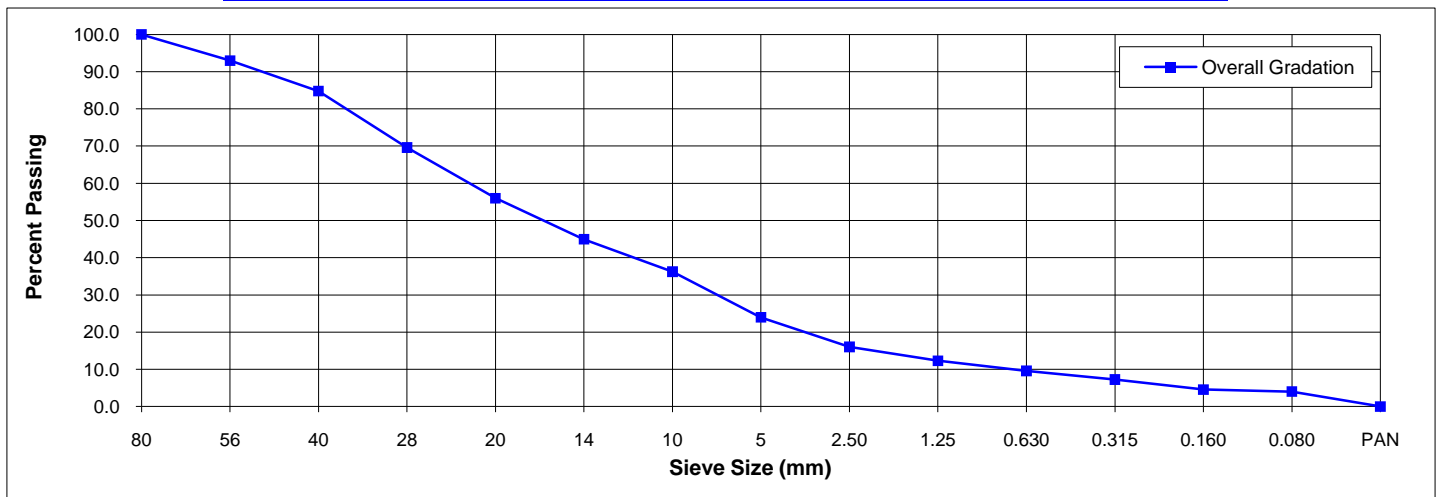
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>80 - 89</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	7.0	93.0	9.2		
40	8.2	84.8	10.8		
28	15.2	69.6	20.0		
20	13.6	56.0	17.9		
14	11.0	45.0	14.5		
10	8.7	36.2	11.5		
5	12.3	24.0	16.1		
2.50	7.9	16.0		33.1	
1.25	3.7	12.3		15.5	
0.630	2.7	9.6		11.4	
0.315	2.3	7.3		9.6	
0.160	2.7	4.6		11.3	
0.080	0.6	4.0		2.3	
PAN	4.0	0		16.7	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.92

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

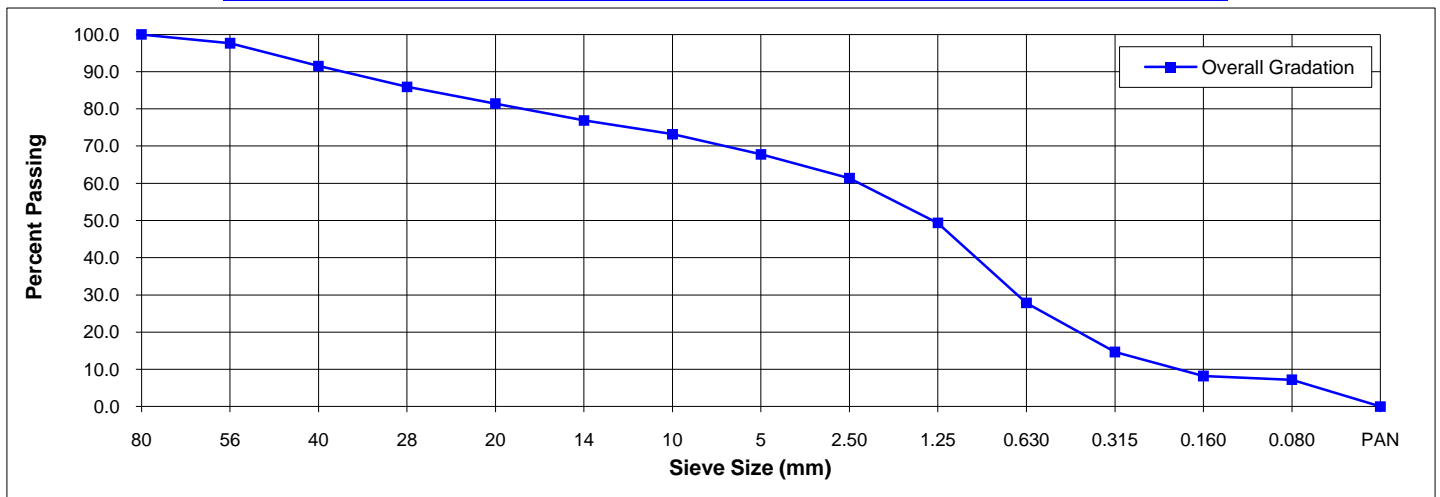
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>90 - 94</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	2.4	97.6	7.3		
40	6.1	91.5	19.0		
28	5.6	85.9	17.4		
20	4.5	81.4	13.9		
14	4.5	76.9	14.0		
10	3.7	73.2	11.5		
5	5.4	67.8	16.9		
2.50	6.4	61.4		9.4	
1.25	12.0	49.3		17.8	
0.630	21.5	27.8		31.7	
0.315	13.2	14.6		19.5	
0.160	6.4	8.2		9.5	
0.080	1.0	7.2		1.5	
PAN	7.2	0		10.6	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.62

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

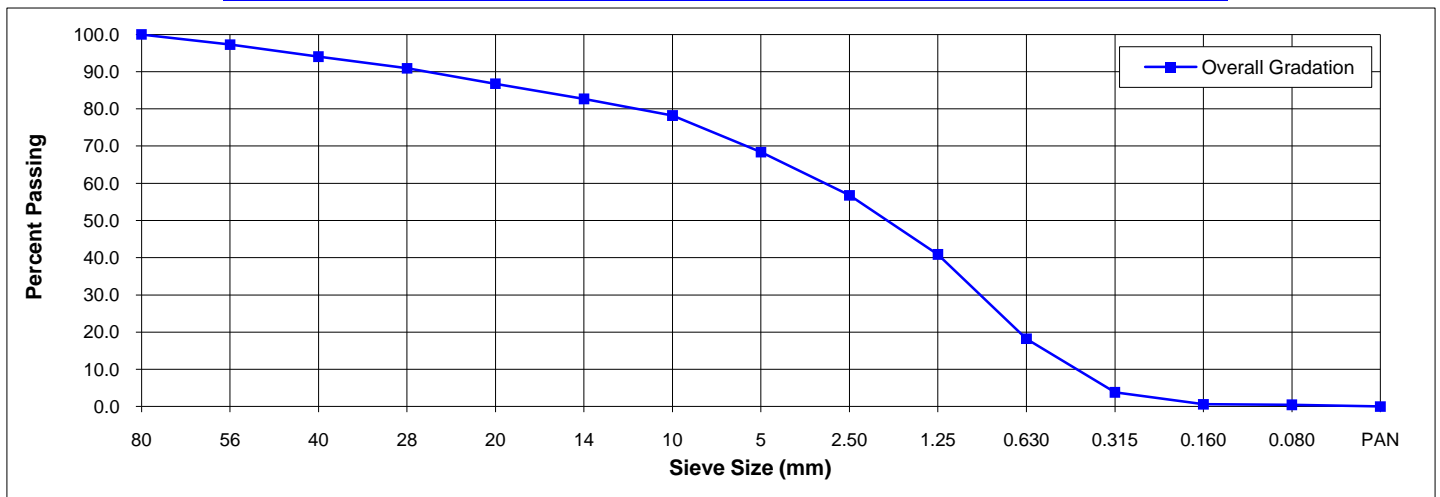
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>95 - 99</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	2.7	97.3	8.7		
40	3.2	94.0	10.2		
28	3.1	90.9	9.9		
20	4.1	86.8	13.1		
14	4.1	82.7	12.8		
10	4.5	78.2	14.1		
5	9.8	68.4	31.1		
2.50	11.6	56.8		17.0	
1.25	15.9	40.9		23.3	
0.630	22.7	18.2		33.2	
0.315	14.4	3.8		21.0	
0.160	3.2	0.6		4.7	
0.080	0.1	0.5		0.2	
PAN	0.5	0		0.7	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.24

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



Notice: The test data given herein pertain to the sample provided, and may not be applicable to material from other zones/depths. This report constitutes a testing service only. Interpretation of the data given here may be provided upon request.



BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

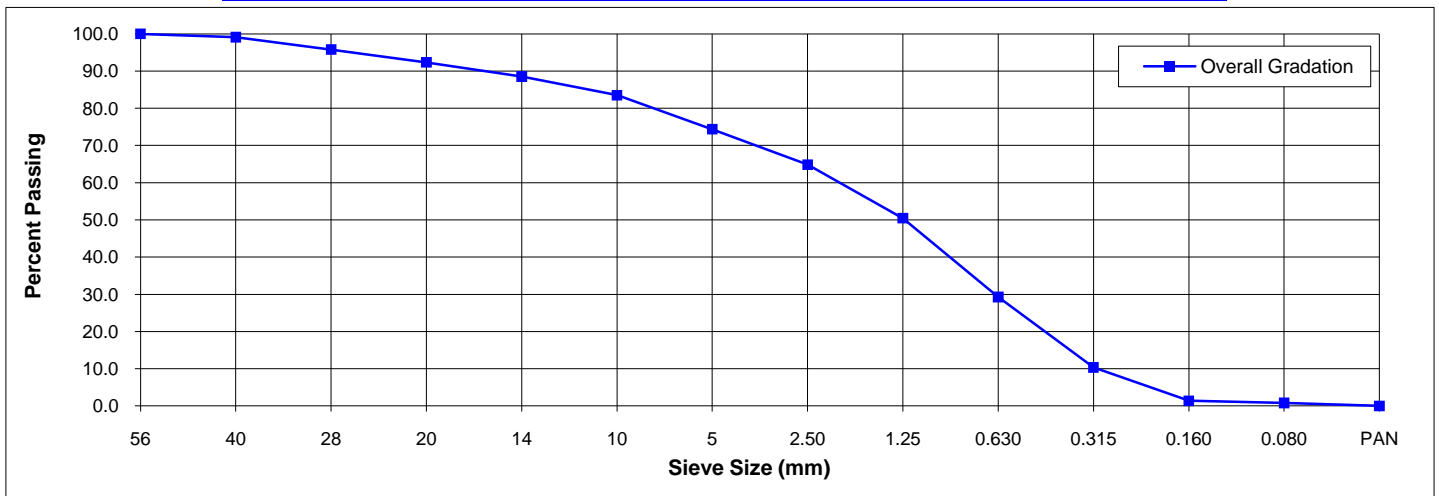
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>100 - 104</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 12, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	0.9	99.1	3.5		
28	3.3	95.8	12.9		
20	3.5	92.3	13.5		
14	3.8	88.5	14.9		
10	5.0	83.5	19.6		
5	9.1	74.4	35.6		
2.50	9.5	64.8		12.8	
1.25	14.4	50.5		19.3	
0.630	21.2	29.3		28.5	
0.315	18.9	10.4		25.4	
0.160	9.0	1.4		12.1	
0.080	0.6	0.8		0.7	
PAN	0.8	0		1.1	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.90

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

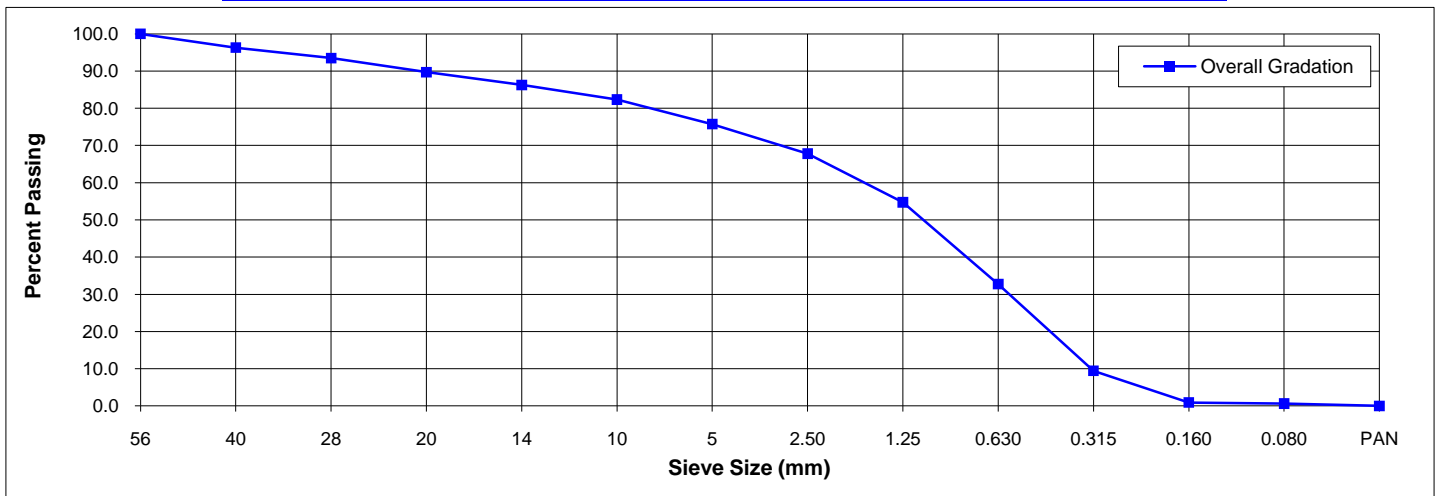
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>105 - 109</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 12, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	3.7	96.3	15.3		
28	2.8	93.5	11.6		
20	3.8	89.7	15.6		
14	3.5	86.2	14.3		
10	3.9	82.3	16.2		
5	6.6	75.7	27.1		
2.50	7.9	67.8		10.5	
1.25	13.1	54.7		17.3	
0.630	22.0	32.7		29.0	
0.315	23.3	9.4		30.8	
0.160	8.5	0.9		11.2	
0.080	0.3	0.6		0.4	
PAN	0.6	0		0.8	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.81

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

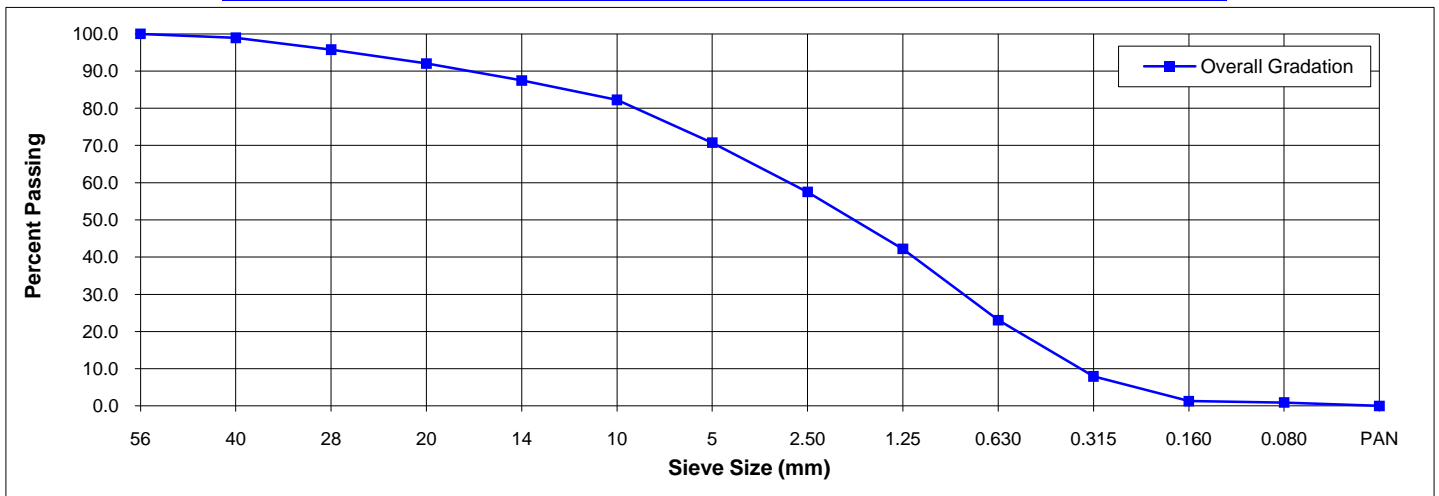
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>110 - 114</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	1.1	98.9	3.7		
28	3.2	95.7	10.9		
20	3.7	92.0	12.7		
14	4.6	87.5	15.6		
10	5.2	82.3	17.8		
5	11.5	70.8	39.3		
2.50	13.2	57.5		18.7	
1.25	15.3	42.2		21.6	
0.630	19.1	23.1		27.0	
0.315	15.1	7.9		21.4	
0.160	6.6	1.3		9.4	
0.080	0.4	0.9		0.5	
PAN	0.9	0		1.3	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.13

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

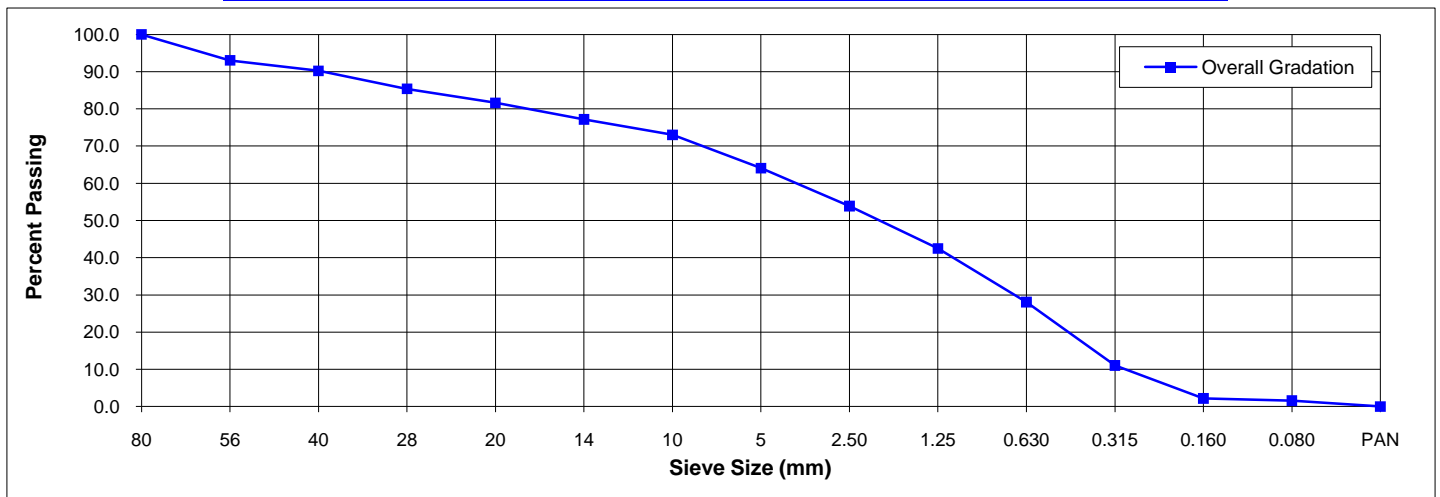
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>115 - 119</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 12, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	7.0	93.0	19.4		
40	2.8	90.2	7.8		
28	4.8	85.4	13.5		
20	3.8	81.6	10.5		
14	4.4	77.2	12.4		
10	4.2	73.0	11.6		
5	8.9	64.1	24.9		
2.50	10.2	53.9		15.9	
1.25	11.4	42.5		17.7	
0.630	14.4	28.1		22.5	
0.315	17.0	11.0		26.6	
0.160	8.9	2.2		13.8	
0.080	0.6	1.6		0.9	
PAN	1.6	0		2.5	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.85

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

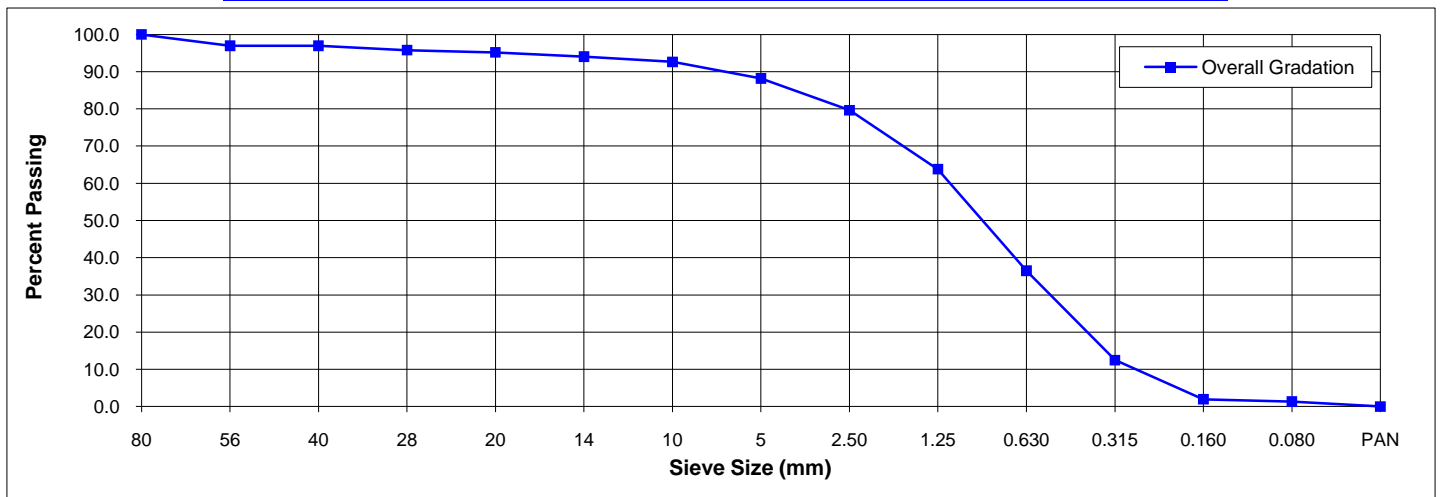
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>120 - 124</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 12, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	3.1	96.9	25.9		
40	0.0	96.9	0.0		
28	1.2	95.8	9.8		
20	0.6	95.2	5.1		
14	1.1	94.0	9.7		
10	1.4	92.6	11.8		
5	4.5	88.2	37.7		
2.50	8.5	79.6		9.7	
1.25	15.8	63.8		18.0	
0.630	27.3	36.5		30.9	
0.315	24.0	12.5		27.3	
0.160	10.5	1.9		11.9	
0.080	0.6	1.3		0.7	
PAN	1.3	0		1.5	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.80

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

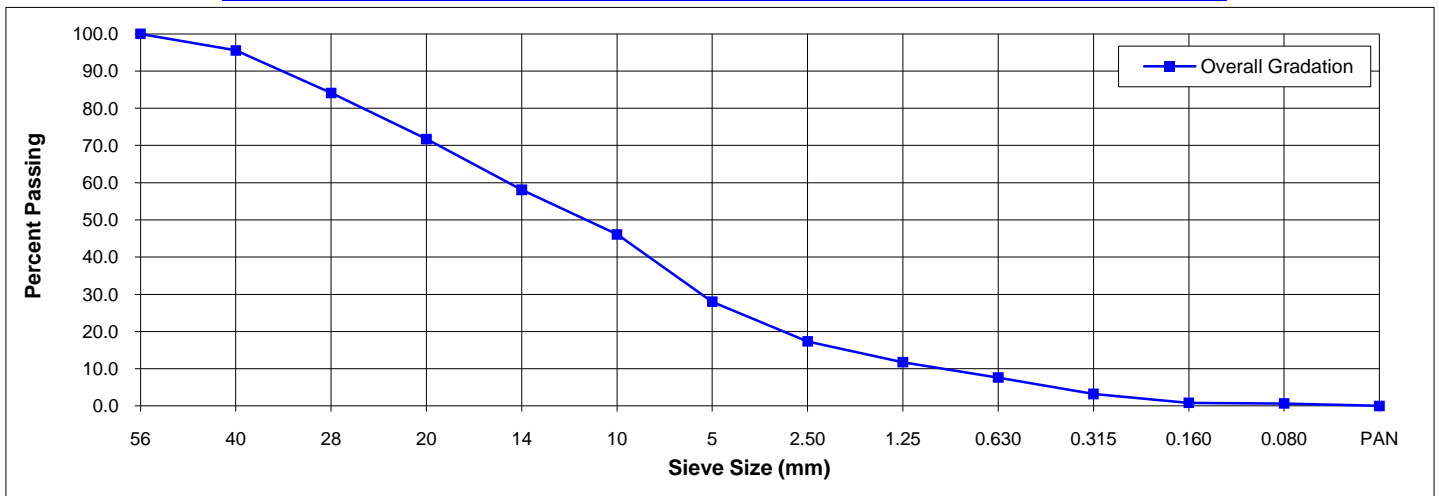
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>125 - 129</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 12, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	4.5	95.5	6.2		
28	11.4	84.1	15.9		
20	12.4	71.7	17.2		
14	13.6	58.1	18.9		
10	12.0	46.1	16.7		
5	18.1	28.0	25.1		
2.50	10.7	17.3		38.1	
1.25	5.6	11.8		20.0	
0.630	4.1	7.6		14.7	
0.315	4.4	3.2		15.8	
0.160	2.4	0.8		8.5	
0.080	0.2	0.7		0.6	
PAN	0.7	0		2.4	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.54

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

July 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

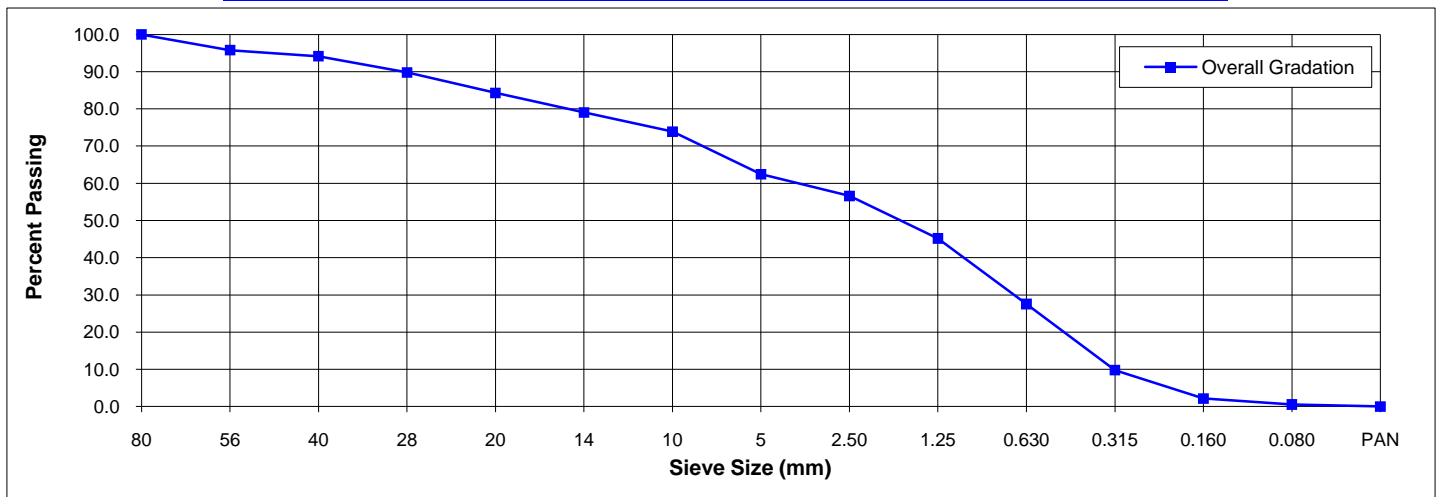
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>130-139</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: July 16, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	4.2	95.8	11.3		
40	1.6	94.2	4.3		
28	4.4	89.8	11.6		
20	5.5	84.3	14.7		
14	5.2	79.0	13.9		
10	5.2	73.9	13.8		
5	11.4	62.4	30.5		
2.50	5.8	56.6		9.4	
1.25	11.4	45.2		18.3	
0.630	17.6	27.5		28.2	
0.315	17.7	9.8		28.4	
0.160	7.6	2.1		12.2	
0.080	1.6	0.6		2.5	
PAN	0.6	0		0.9	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.74

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

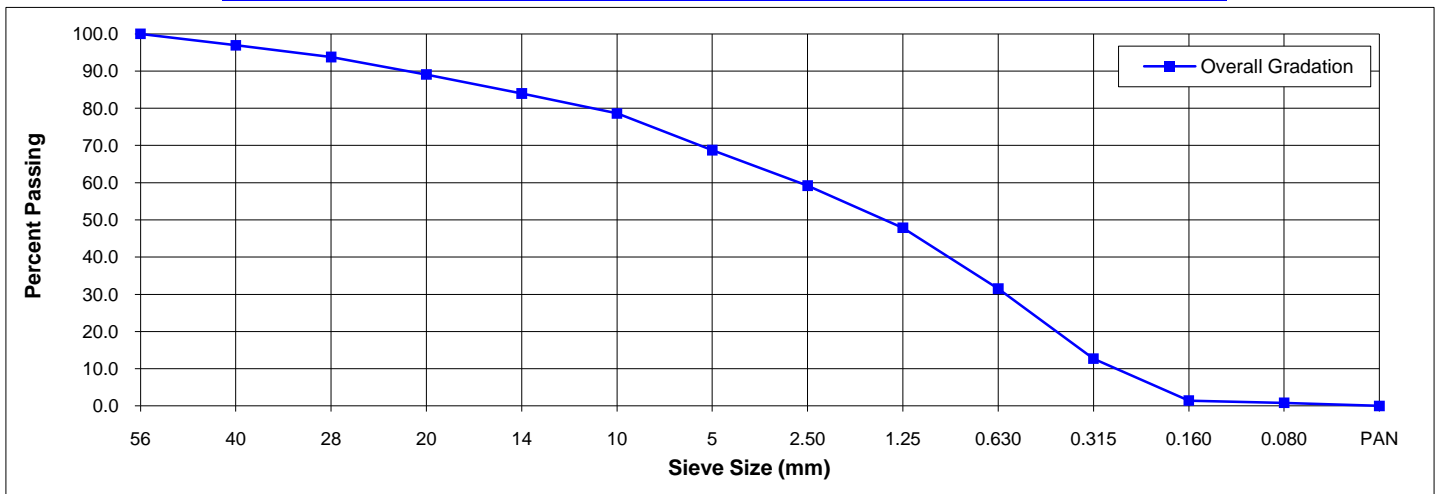
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>140 - 144</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 12, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	3.1	96.9	9.8		
28	3.2	93.8	10.1		
20	4.7	89.1	15.1		
14	5.1	84.0	16.3		
10	5.4	78.6	17.1		
5	9.9	68.7	31.6		
2.50	9.6	59.2		13.9	
1.25	11.3	47.9		16.4	
0.630	16.4	31.5		23.8	
0.315	18.8	12.7		27.3	
0.160	11.3	1.4		16.4	
0.080	0.6	0.8		0.9	
PAN	0.8	0		1.2	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.78

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

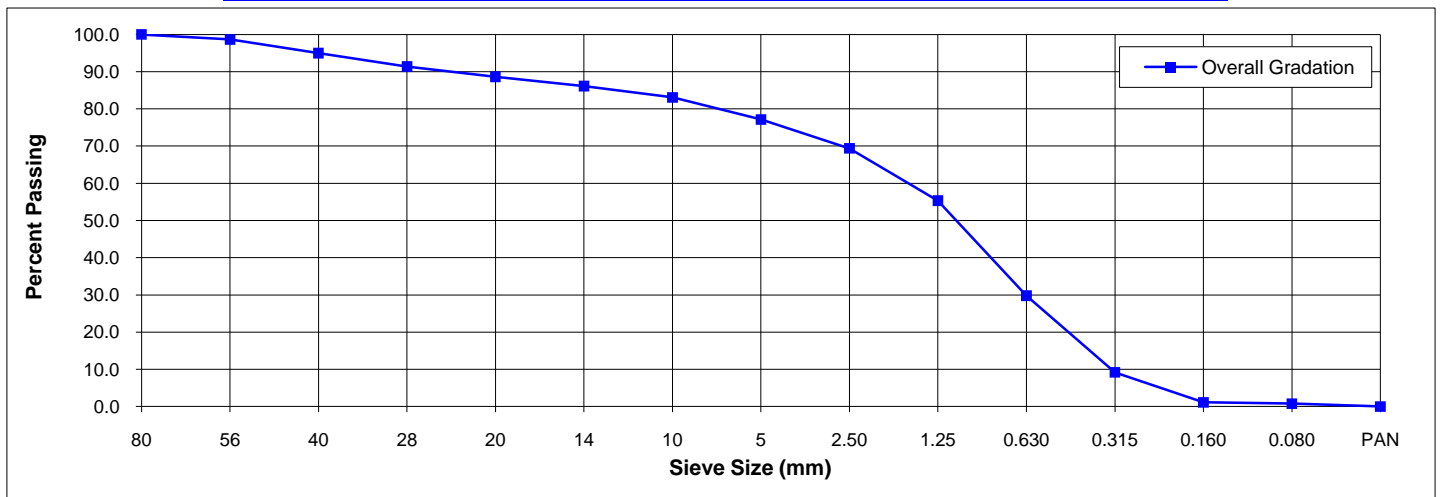
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>145 - 149</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 12, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	1.4	98.6	5.9		
40	3.7	95.0	16.1		
28	3.6	91.4	15.8		
20	2.7	88.6	12.0		
14	2.5	86.1	10.9		
10	3.0	83.1	13.3		
5	6.0	77.1	26.0		
2.50	7.8	69.4		10.0	
1.25	14.0	55.3		18.2	
0.630	25.6	29.8		33.1	
0.315	20.6	9.2		26.7	
0.160	8.0	1.1		10.4	
0.080	0.3	0.8		0.4	
PAN	0.8	0		1.0	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.86

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

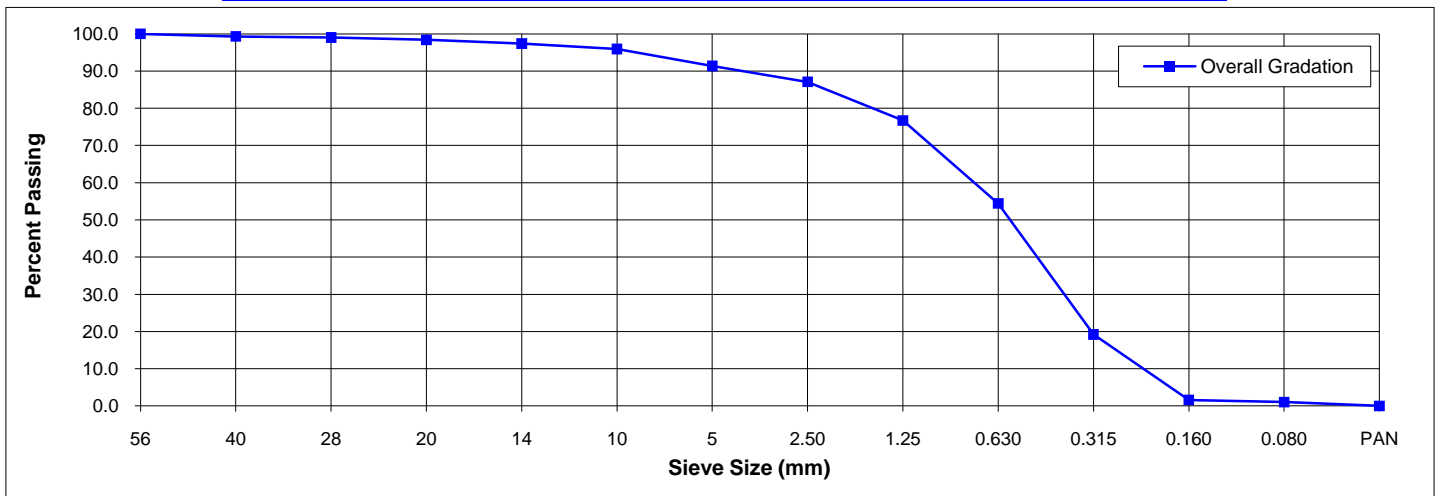
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>150 - 154</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	0.7	99.3	7.9		
28	0.3	99.0	3.3		
20	0.6	98.4	7.4		
14	1.0	97.4	11.6		
10	1.5	95.9	16.8		
5	4.6	91.4	52.9		
2.50	4.3	87.1		4.7	
1.25	10.4	76.7		11.4	
0.630	22.3	54.4		24.4	
0.315	35.2	19.2		38.5	
0.160	17.6	1.6		19.3	
0.080	0.6	1.0		0.6	
PAN	1.0	0		1.1	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.38

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

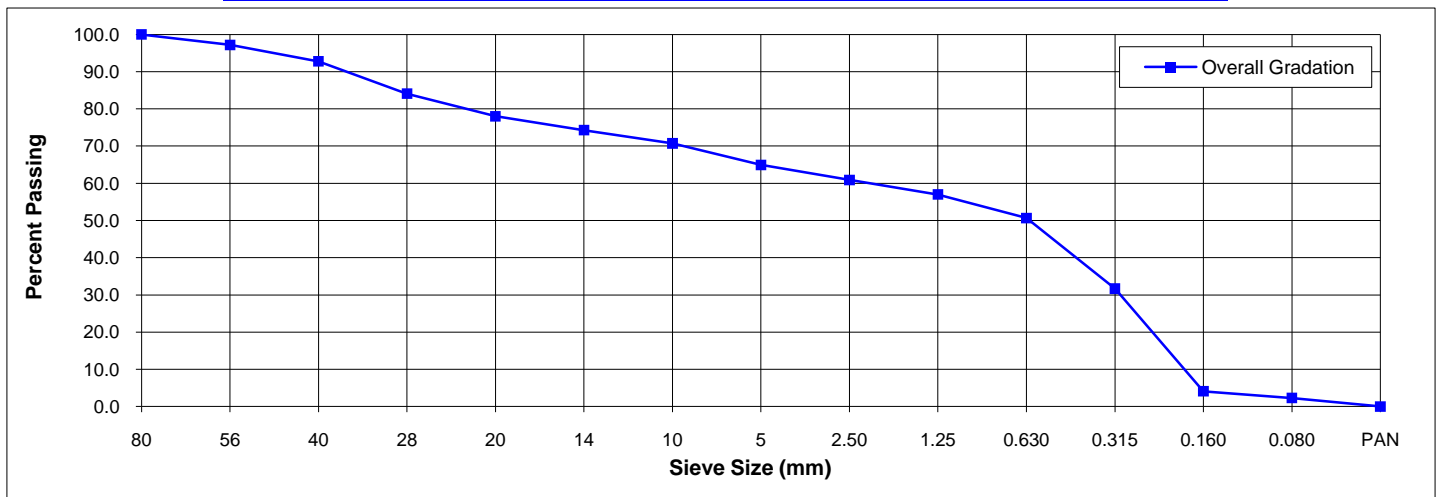
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>155 - 159</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	2.8	97.2	8.0		
40	4.4	92.8	12.6		
28	8.7	84.1	24.7		
20	6.1	78.0	17.4		
14	3.7	74.3	10.6		
10	3.6	70.7	10.1		
5	5.8	64.9	16.5		
2.50	4.0	60.9		6.2	
1.25	3.9	57.0		6.0	
0.630	6.4	50.6		9.8	
0.315	19.0	31.7		29.2	
0.160	27.6	4.1		42.5	
0.080	1.8	2.3		2.8	
PAN	2.3	0		3.5	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 1.85

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



Notice: The test data given herein pertain to the sample provided, and may not be applicable to material from other zones/depths. This report constitutes a testing service only. Interpretation of the data given here may be provided upon request.

BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

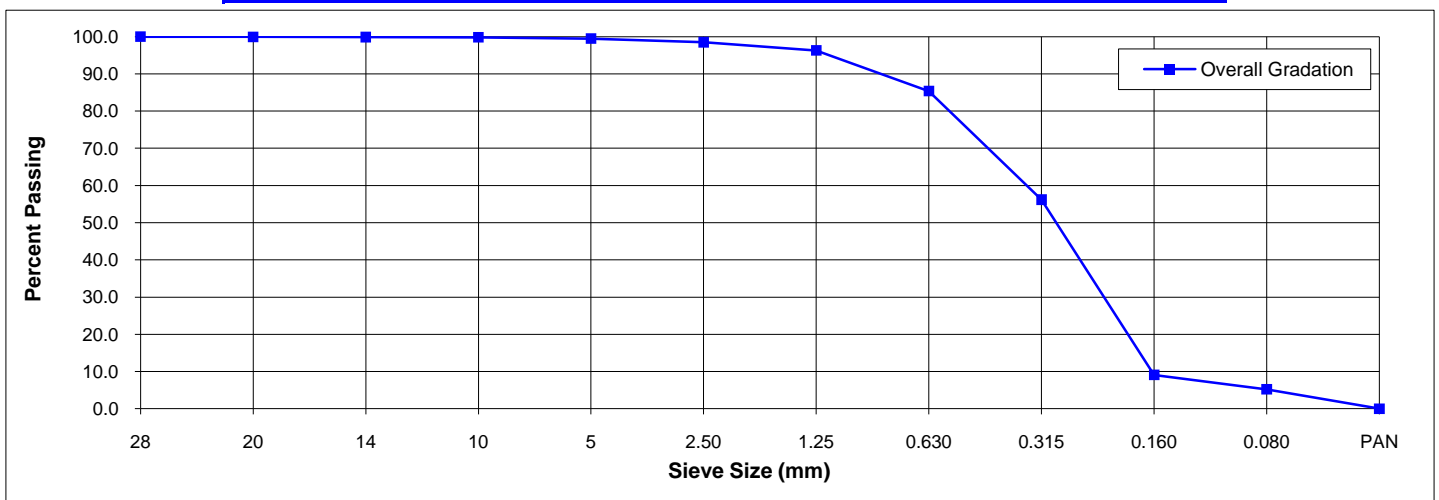
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 01</b>
<b>Depth Range (ft)</b>	<b>162 - EOH</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 12, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
28	0.0	100.0	0.0		
20	0.1	99.9	14.2		
14	0.1	99.9	11.3		
10	0.1	99.8	10.4		
5	0.3	99.5	64.2		
2.50	1.0	98.5		1.0	
1.25	2.2	96.3		2.2	
0.630	10.9	85.4		11.0	
0.315	29.2	56.2		29.3	
0.160	47.1	9.1		47.3	
0.080	3.9	5.2		3.9	
PAN	5.2	0		5.2	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 1.53

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



Notice: The test data given herein pertain to the sample provided, and may not be applicable to material from other zones/depths. This report constitutes a testing service only. Interpretation of the data given here may be provided upon request.



BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 17, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

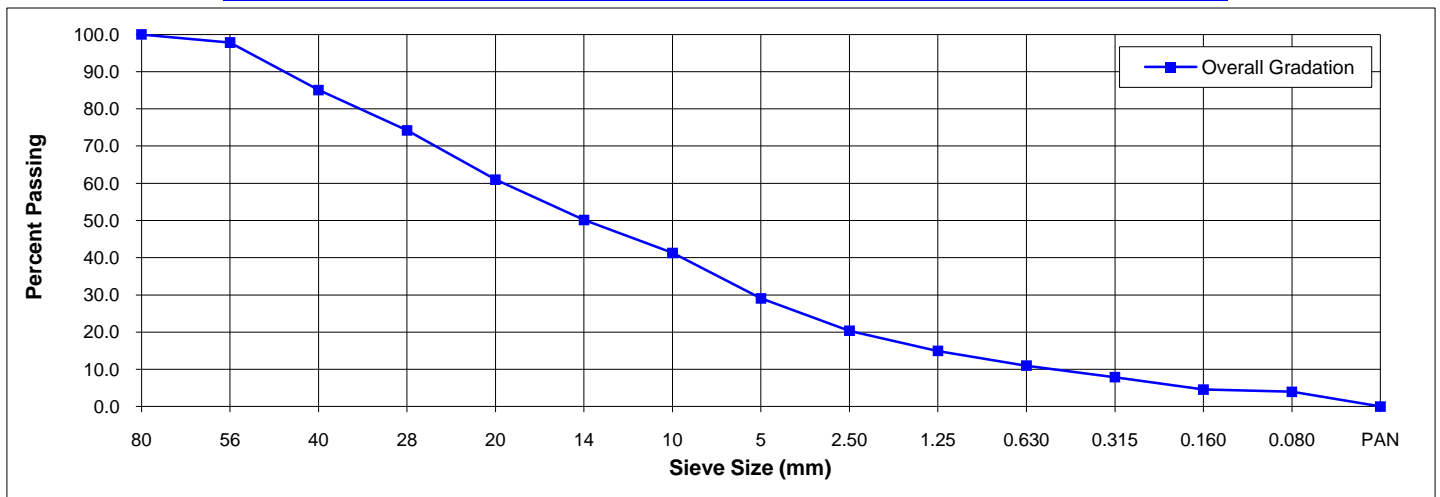
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>10 - 14</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 15, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	2.2	97.8	3.1		
40	12.8	85.1	18.0		
28	10.8	74.2	15.3		
20	13.3	61.0	18.7		
14	10.8	50.1	15.3		
10	8.9	41.3	12.5		
5	12.2	29.1	17.2		
2.50	8.7	20.4		30.0	
1.25	5.4	14.9		18.6	
0.630	4.0	11.0		13.6	
0.315	3.1	7.9		10.7	
0.160	3.3	4.6		11.5	
0.080	0.6	4.0		2.0	
PAN	4.0	0		13.6	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.98

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 18, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

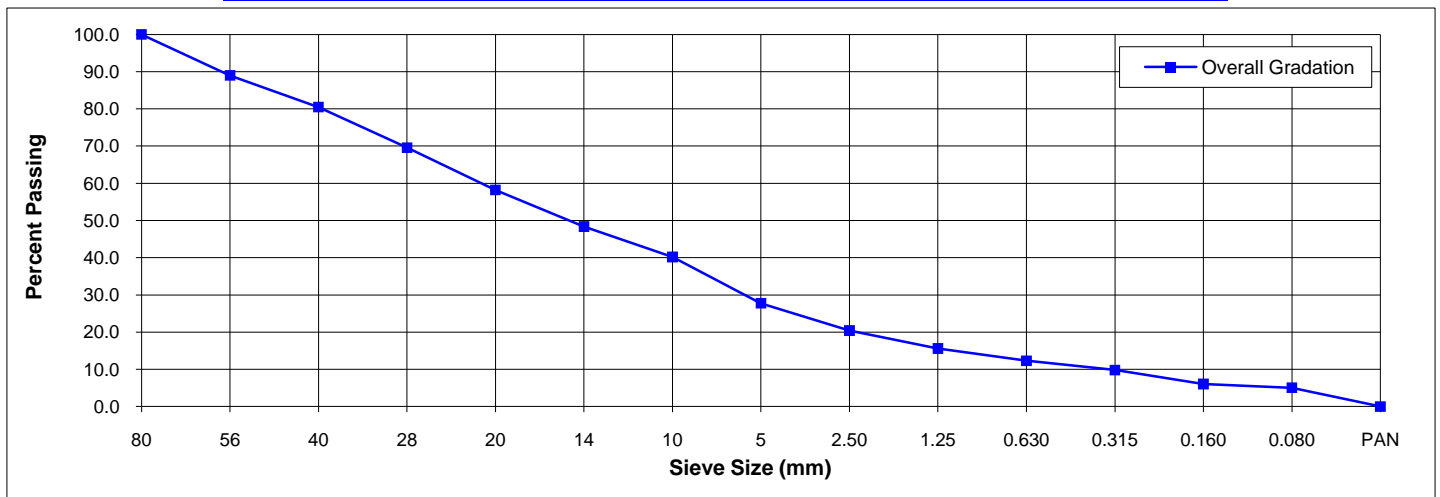
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>15 - 19</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 16, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	11.0	89.0	15.2		
40	8.5	80.5	11.8		
28	10.9	69.6	15.1		
20	11.4	58.2	15.8		
14	9.8	48.4	13.6		
10	8.1	40.2	11.3		
5	12.5	27.7	17.2		
2.50	7.3	20.4		26.4	
1.25	4.8	15.6		17.3	
0.630	3.3	12.3		11.9	
0.315	2.5	9.8		9.0	
0.160	3.7	6.1		13.5	
0.080	1.0	5.1		3.6	
PAN	5.1	0		18.2	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.69

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 18, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

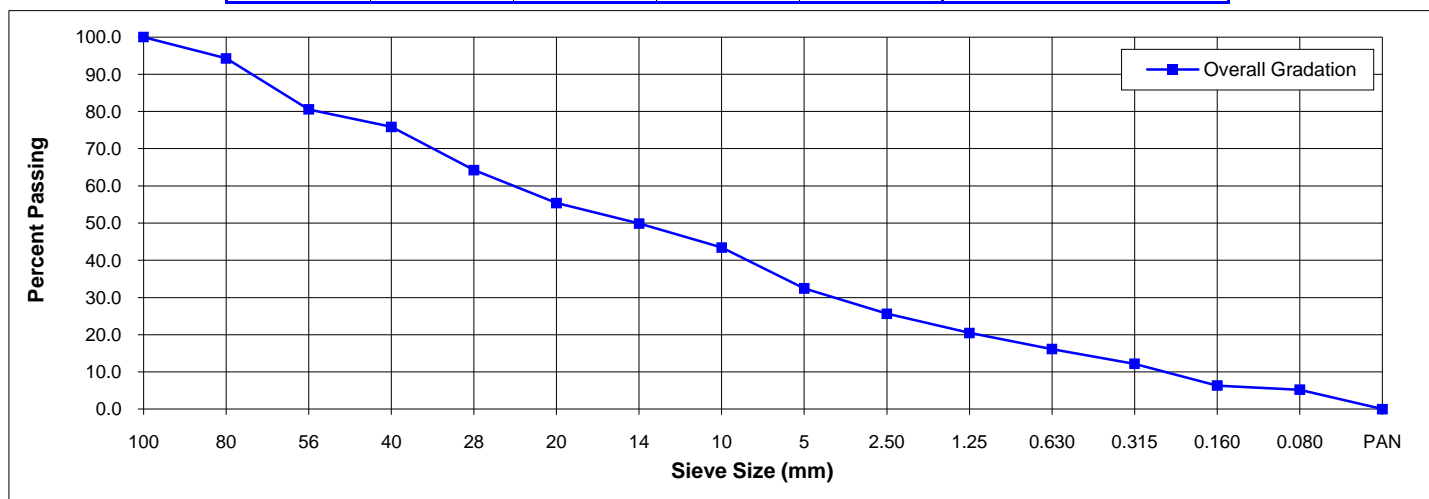
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>20 - 24</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 16, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
100	0.0	100.0	0.0		
80	5.7	94.3	8.5		
56	13.7	80.6	20.3		
40	4.7	75.9	7.0		
28	11.6	64.3	17.2		
20	8.9	55.4	13.1		
14	5.5	49.9	8.1		
10	6.4	43.4	9.5		
5	11.0	32.4	16.3		
2.50	6.8	25.6		21.0	
1.25	5.1	20.5		15.9	
0.630	4.3	16.1		13.3	
0.315	4.0	12.2		12.2	
0.160	5.8	6.3		18.0	
0.080	1.1	5.2		3.4	
PAN	5.2	0		16.1	
Total	100.0	100.0	100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.51

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 19, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

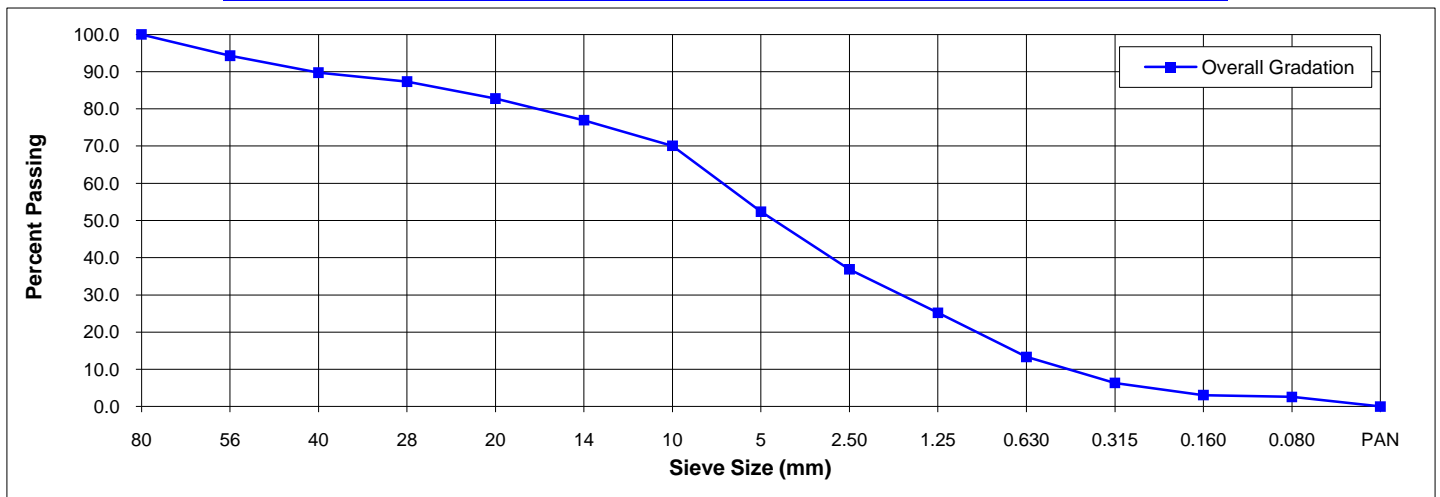
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>25 - 29</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 17, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	5.7	94.3	12.0		
40	4.5	89.7	9.5		
28	2.4	87.3	5.1		
20	4.5	82.8	9.6		
14	5.8	77.0	12.2		
10	6.9	70.1	14.5		
5	17.7	52.4	37.1		
2.50	15.5	36.9		29.6	
1.25	11.7	25.2		22.3	
0.630	11.9	13.3		22.6	
0.315	7.0	6.3		13.4	
0.160	3.3	3.1		6.3	
0.080	0.5	2.6		0.9	
PAN	2.6	0		4.9	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.38

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

July 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

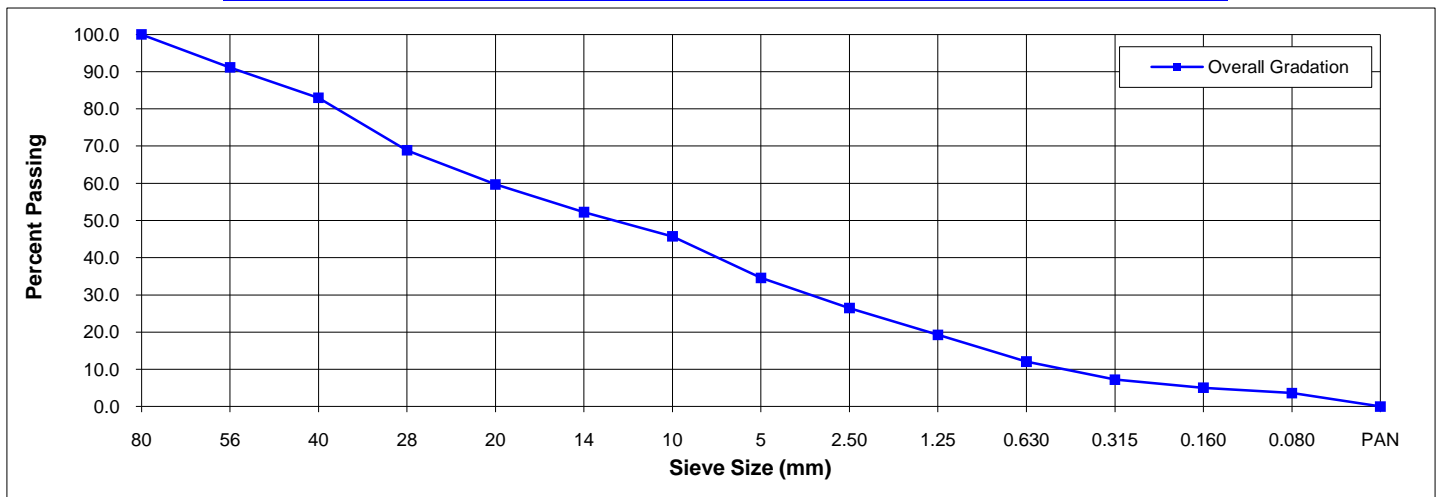
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>30 - 39</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: July 16, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	8.9	91.1	13.5		
40	8.2	83.0	12.5		
28	14.1	68.9	21.6		
20	9.2	59.7	14.0		
14	7.5	52.2	11.4		
10	6.5	45.7	10.0		
5	11.2	34.6	17.1		
2.50	8.1	26.5		23.5	
1.25	7.2	19.3		20.8	
0.630	7.2	12.1		20.8	
0.315	4.9	7.2		14.0	
0.160	2.2	5.0		6.3	
0.080	1.4	3.6		4.1	
PAN	3.6	0		10.5	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.97

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 18, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

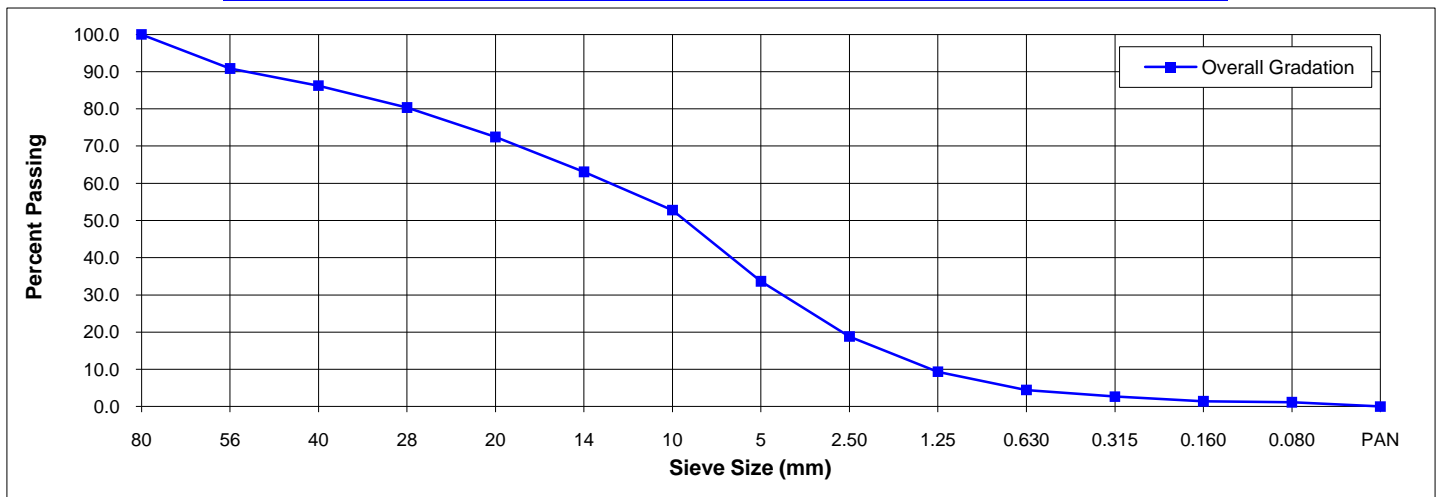
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>40 - 44</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 16, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	9.1	90.9	13.8		
40	4.6	86.2	7.0		
28	5.9	80.3	8.9		
20	7.9	72.4	11.9		
14	9.4	63.1	14.1		
10	10.3	52.8	15.5		
5	19.1	33.7	28.8		
2.50	14.8	18.8		44.1	
1.25	9.5	9.3		28.2	
0.630	4.9	4.5		14.5	
0.315	1.8	2.7		5.3	
0.160	1.3	1.4		3.8	
0.080	0.3	1.1		0.8	
PAN	1.1	0		3.4	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.91

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 18, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

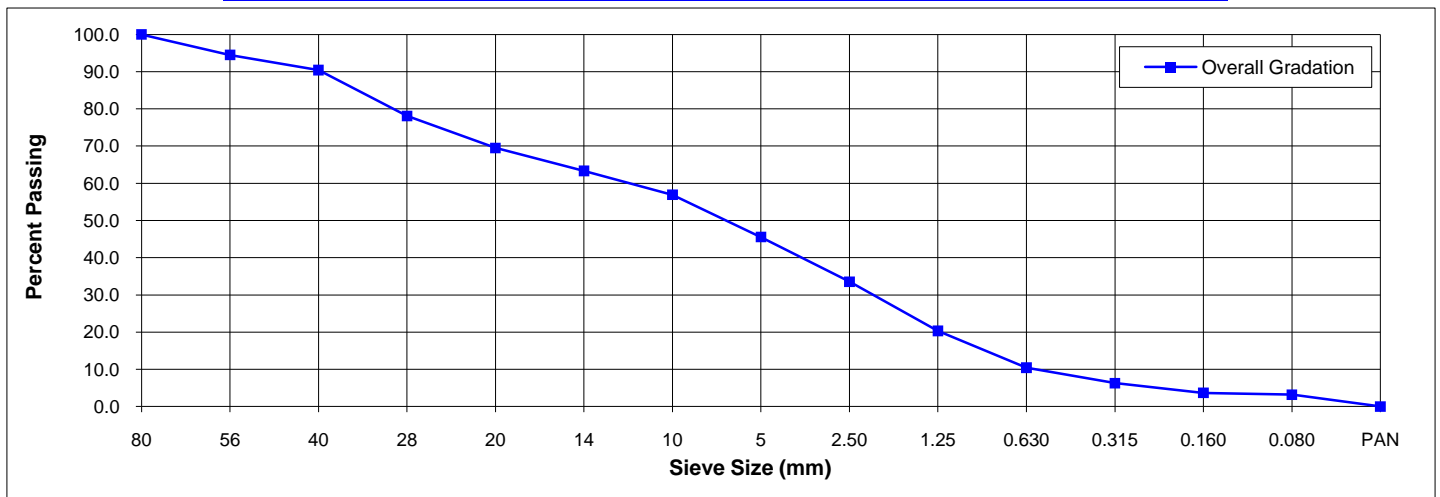
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>45 - 49</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 16, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	5.5	94.5	10.1		
40	4.1	90.4	7.5		
28	12.3	78.1	22.6		
20	8.6	69.5	15.8		
14	6.2	63.3	11.3		
10	6.4	56.9	11.8		
5	11.4	45.5	20.9		
2.50	12.0	33.5		26.4	
1.25	13.2	20.3		29.0	
0.630	9.9	10.4		21.7	
0.315	4.1	6.3		9.1	
0.160	2.6	3.7		5.7	
0.080	0.5	3.2		1.1	
PAN	3.2	0		7.0	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.37

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 18, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

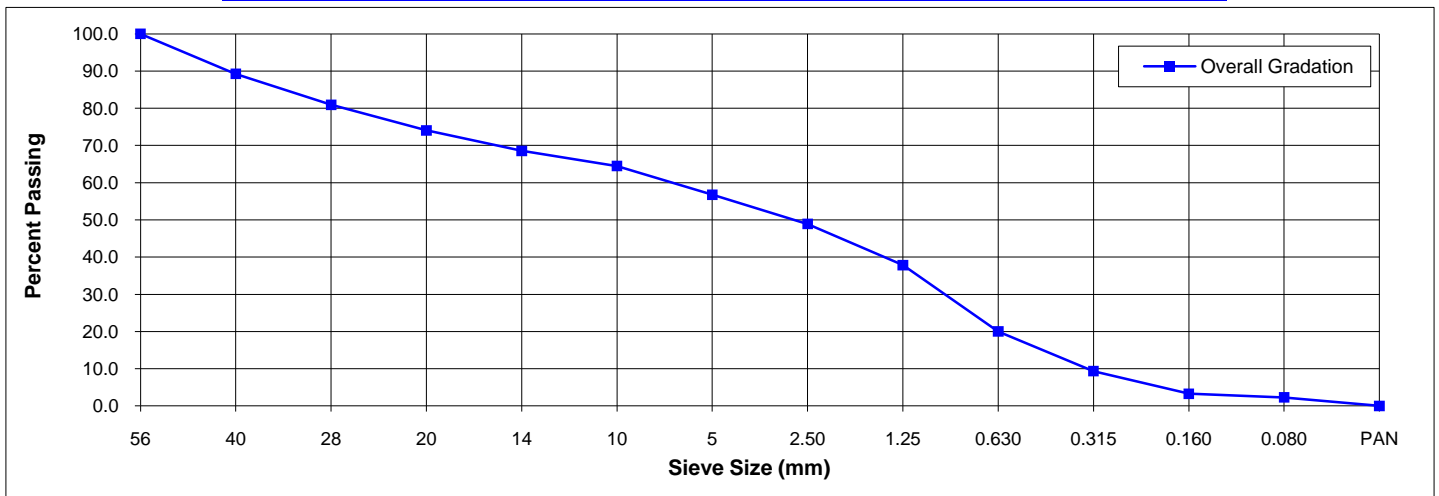
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>50 - 54</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 16, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	10.8	89.2	24.9		
28	8.3	80.9	19.2		
20	6.9	74.0	16.0		
14	5.5	68.5	12.8		
10	4.0	64.5	9.4		
5	7.7	56.8	17.8		
2.50	7.9	48.9		13.9	
1.25	11.1	37.9		19.5	
0.630	17.8	20.0		31.4	
0.315	10.7	9.3		18.8	
0.160	6.1	3.3		10.7	
0.080	1.0	2.3		1.7	
PAN	2.3	0		4.1	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.90

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 19, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

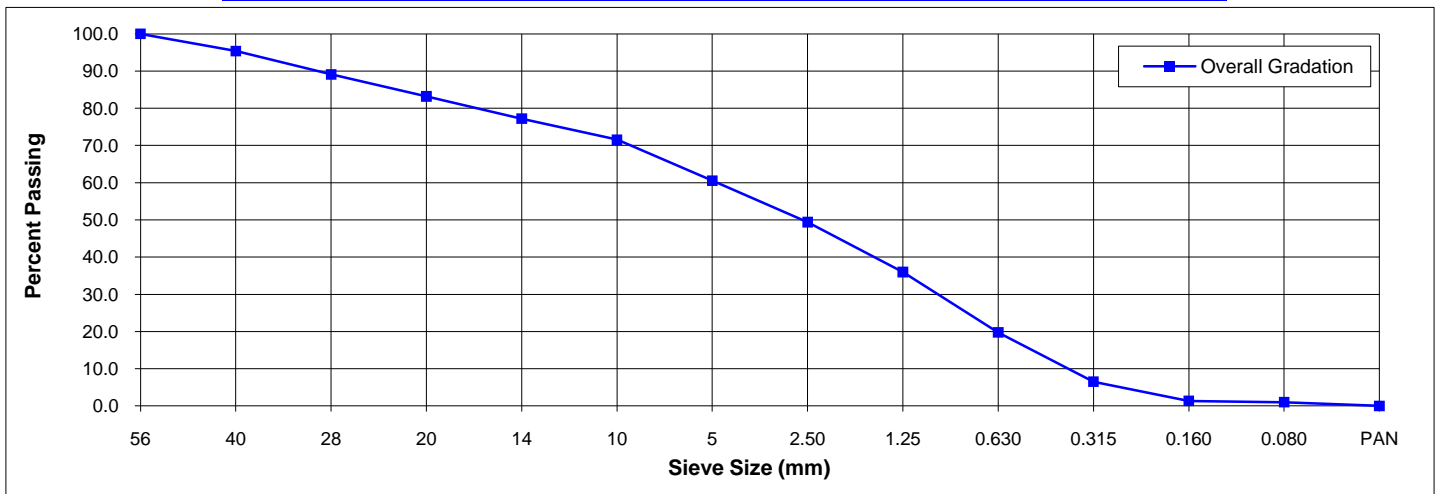
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>55 - 59</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 17, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	4.6	95.4	11.7		
28	6.3	89.1	16.0		
20	5.9	83.2	14.9		
14	6.0	77.2	15.2		
10	5.6	71.6	14.3		
5	11.0	60.5	27.9		
2.50	11.1	49.4		18.4	
1.25	13.4	36.0		22.2	
0.630	16.2	19.8		26.8	
0.315	13.3	6.5		21.9	
0.160	5.2	1.4		8.5	
0.080	0.3	1.0		0.6	
PAN	1.0	0		1.7	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.13

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 19, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

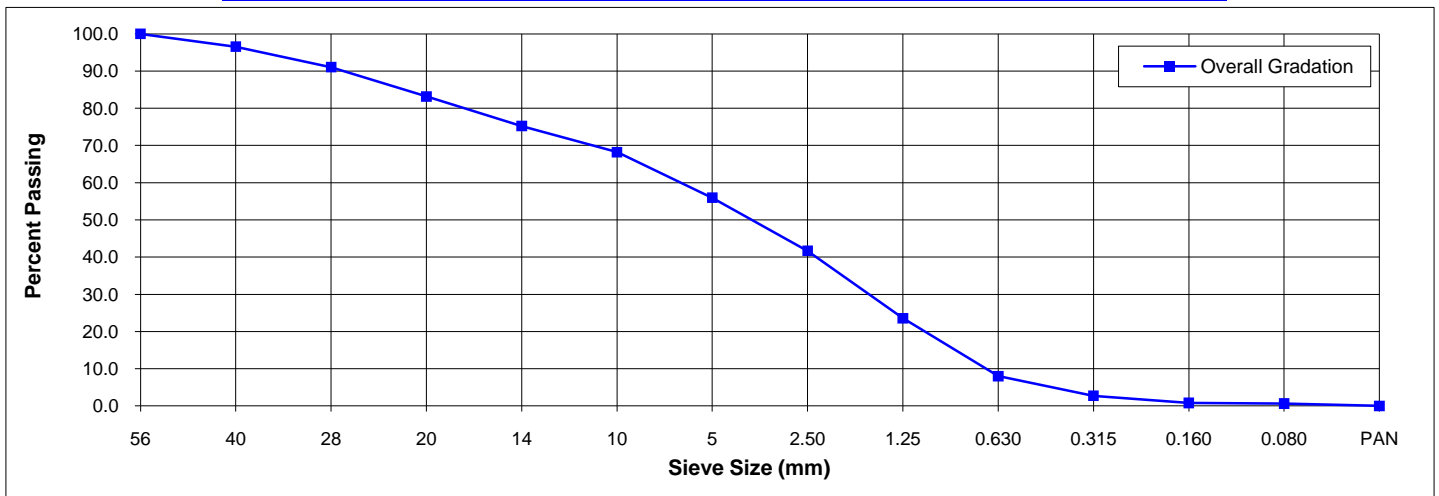
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>60 - 64</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 17, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	3.4	96.6	7.8		
28	5.5	91.0	12.5		
20	7.9	83.2	17.9		
14	7.9	75.2	18.0		
10	7.0	68.2	16.0		
5	12.2	56.0	27.8		
2.50	14.3	41.7		25.5	
1.25	18.1	23.6		32.4	
0.630	15.6	8.0		27.8	
0.315	5.3	2.7		9.4	
0.160	1.9	0.8		3.4	
0.080	0.2	0.6		0.3	
PAN	0.6	0		1.1	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.63

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 18, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

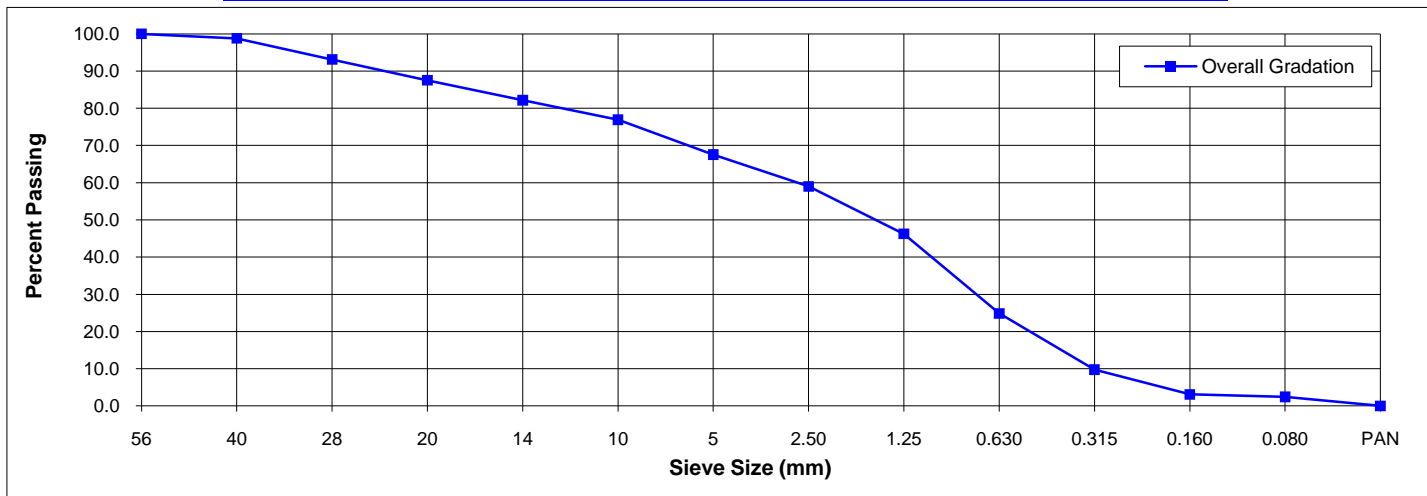
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>65 - 69</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 16, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	1.2	98.8	3.7		
28	5.7	93.1	17.5		
20	5.6	87.5	17.3		
14	5.3	82.2	16.5		
10	5.2	76.9	16.2		
5	9.4	67.6	28.9		
2.50	8.6	59.0		12.7	
1.25	12.8	46.3		18.9	
0.630	21.4	24.8		31.7	
0.315	15.1	9.7		22.4	
0.160	6.7	3.1		9.8	
0.080	0.7	2.4		1.0	
PAN	2.4	0		3.6	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.88

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 19, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

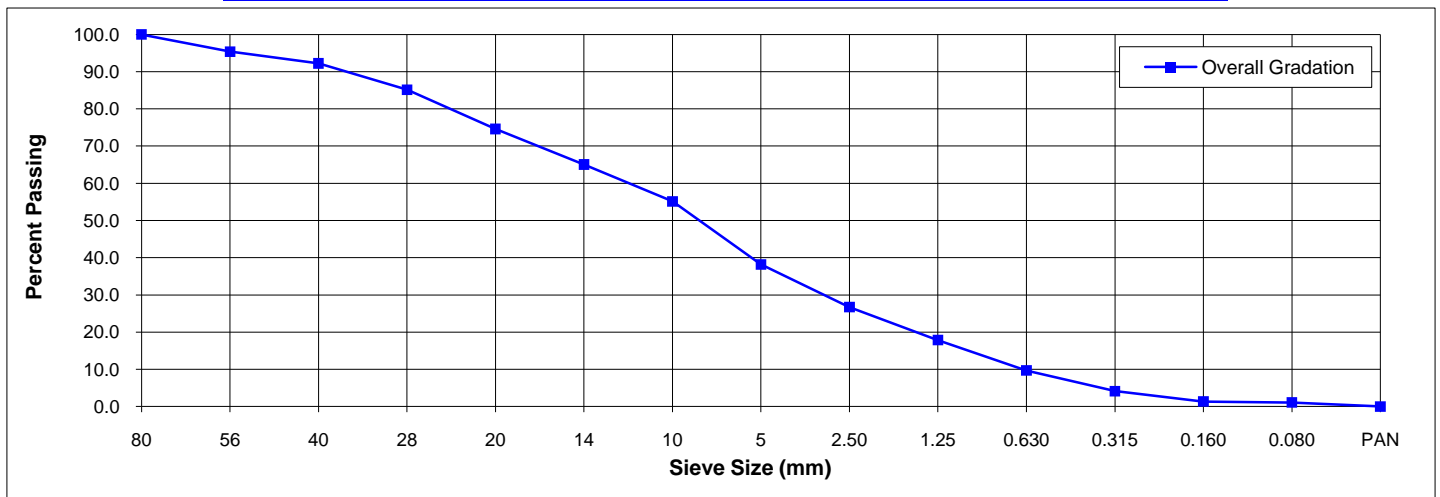
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>70 - 74</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 17, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	4.6	95.4	7.5		
40	3.1	92.2	5.1		
28	7.1	85.2	11.5		
20	10.6	74.6	17.1		
14	9.6	65.0	15.5		
10	9.9	55.1	16.0		
5	17.0	38.2	27.4		
2.50	11.5	26.7		30.0	
1.25	8.9	17.9		23.2	
0.630	8.2	9.7		21.4	
0.315	5.6	4.1		14.5	
0.160	2.8	1.3		7.3	
0.080	0.3	1.1		0.7	
PAN	1.1	0		2.8	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.44

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



Notice: The test data given herein pertain to the sample provided, and may not be applicable to material from other zones/depths. This report constitutes a testing service only. Interpretation of the data given here may be provided upon request.

BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 18, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

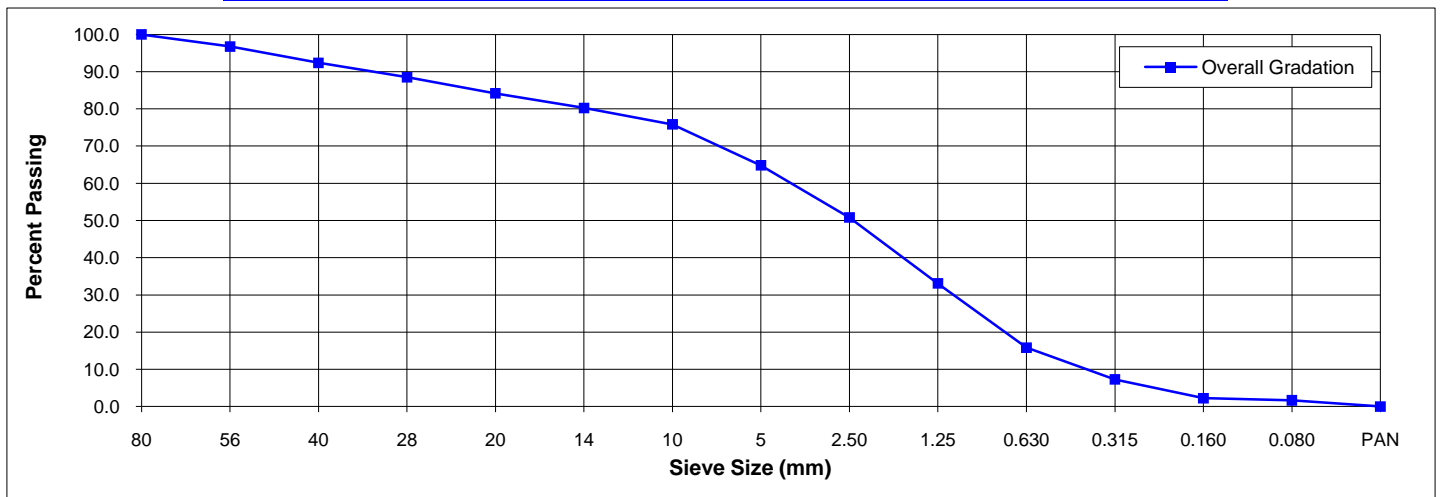
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>75 - 79</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 16, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	3.3	96.7	9.3		
40	4.4	92.4	12.5		
28	3.8	88.5	10.9		
20	4.4	84.2	12.4		
14	3.9	80.3	11.1		
10	4.4	75.8	12.6		
5	11.0	64.8	31.3		
2.50	14.0	50.8		21.6	
1.25	17.7	33.1		27.3	
0.630	17.3	15.8		26.6	
0.315	8.5	7.3		13.2	
0.160	5.0	2.2		7.8	
0.080	0.6	1.7		0.9	
PAN	1.7	0		2.6	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.32

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 19, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

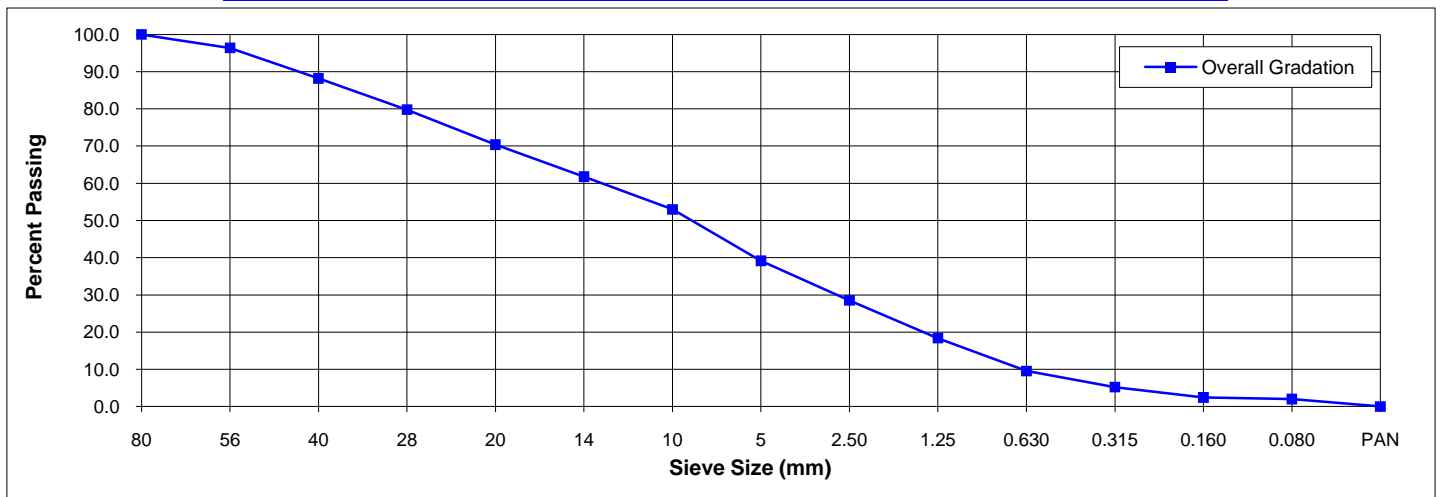
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>80 - 84</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 17, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	3.6	96.4	6.0		
40	8.2	88.2	13.5		
28	8.4	79.8	13.8		
20	9.4	70.4	15.4		
14	8.6	61.8	14.1		
10	8.8	53.0	14.4		
5	13.8	39.2	22.7		
2.50	10.6	28.5		27.2	
1.25	10.1	18.4		25.9	
0.630	8.8	9.5		22.6	
0.315	4.3	5.2		11.0	
0.160	2.8	2.4		7.1	
0.080	0.4	2.0		1.1	
PAN	2.0	0		5.2	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.36

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 19, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

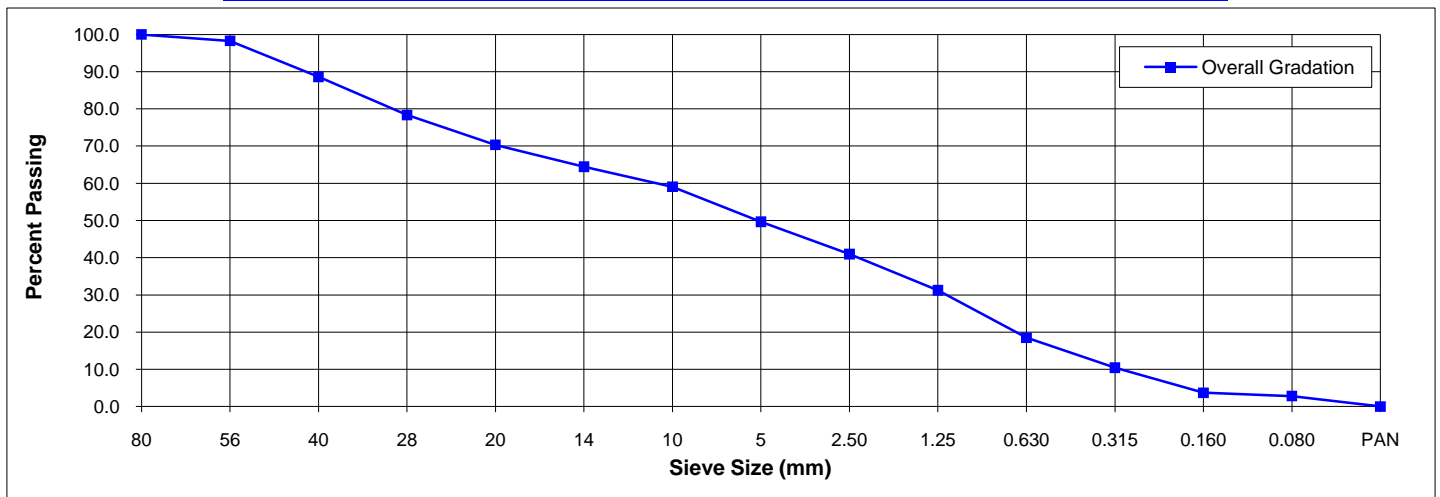
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>85 - 89</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 17, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	1.7	98.3	3.4		
40	9.7	88.6	19.2		
28	10.3	78.4	20.4		
20	8.0	70.3	15.9		
14	5.9	64.4	11.7		
10	5.4	59.1	10.7		
5	9.4	49.7	18.7		
2.50	8.7	41.0		17.5	
1.25	9.7	31.2		19.6	
0.630	12.7	18.5		25.7	
0.315	8.1	10.4		16.3	
0.160	6.7	3.7		13.6	
0.080	0.9	2.8		1.8	
PAN	2.8	0		5.6	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.89

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 19, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

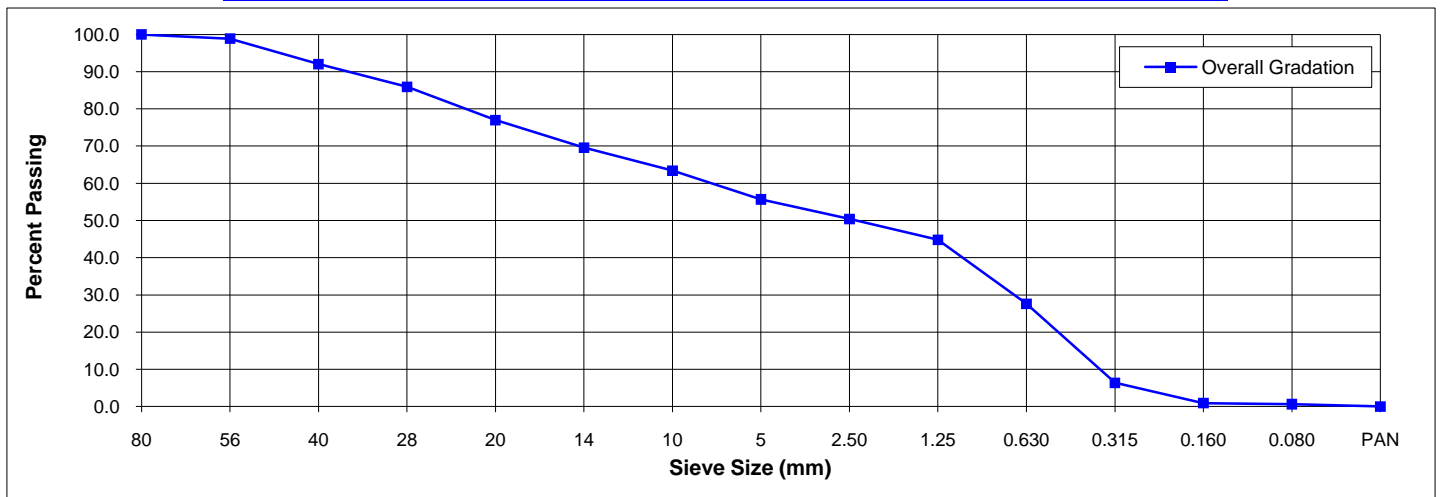
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>90 - 94</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 17, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	1.1	98.9	2.6		
40	6.8	92.0	15.4		
28	6.1	85.9	13.8		
20	9.0	77.0	20.2		
14	7.4	69.6	16.7		
10	6.2	63.4	13.9		
5	7.7	55.7	17.4		
2.50	5.3	50.4		9.4	
1.25	5.6	44.8		10.1	
0.630	17.2	27.6		30.9	
0.315	21.2	6.4		38.1	
0.160	5.5	0.9		9.8	
0.080	0.3	0.6		0.5	
PAN	0.6	0		1.1	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.66

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 18, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

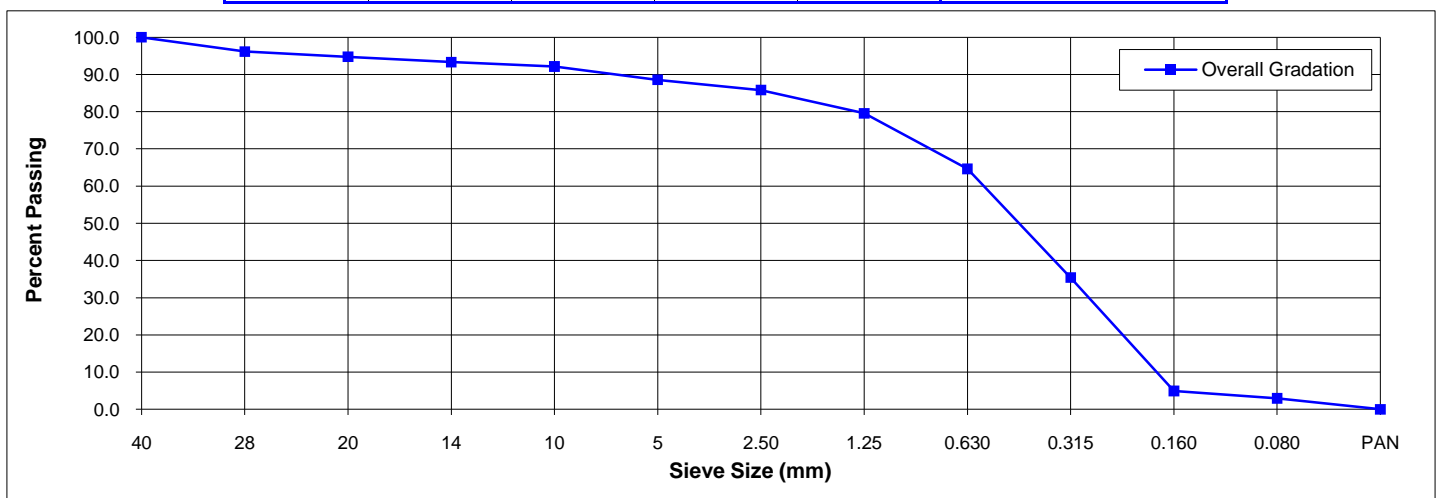
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>95 - 99</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 16, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
40	0.0	100.0	0.0		
28	3.8	96.2	33.5		
20	1.4	94.7	12.4		
14	1.4	93.3	12.5		
10	1.2	92.2	10.1		
5	3.6	88.6	31.4		
2.50	2.8	85.8		3.1	
1.25	6.2	79.6		7.0	
0.630	14.9	64.6		16.9	
0.315	29.2	35.4		33.0	
0.160	30.5	4.9		34.4	
0.080	2.0	2.9		2.3	
PAN	2.9	0		3.3	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 1.95

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 18, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

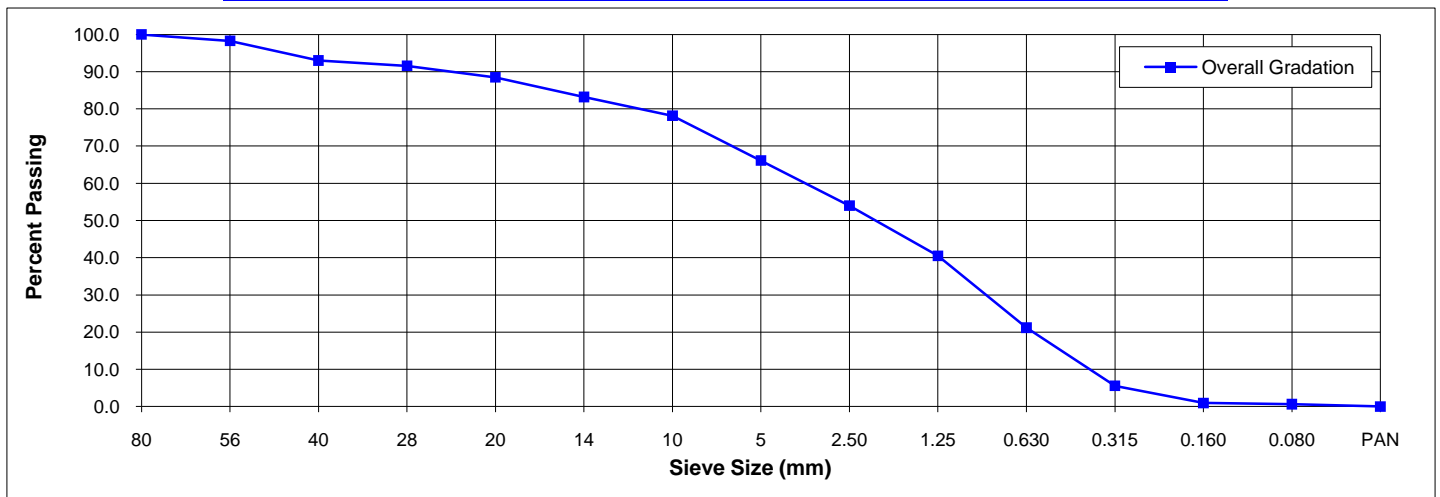
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>105 - 109</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 16, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	1.7	98.3	5.1		
40	5.3	93.0	15.6		
28	1.4	91.6	4.3		
20	3.1	88.5	9.1		
14	5.3	83.2	15.6		
10	5.0	78.2	14.9		
5	12.0	66.1	35.5		
2.50	12.1	54.0		18.4	
1.25	13.5	40.5		20.4	
0.630	19.3	21.2		29.3	
0.315	15.6	5.6		23.6	
0.160	4.6	0.9		7.0	
0.080	0.3	0.6		0.5	
PAN	0.6	0		1.0	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.15

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 19, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

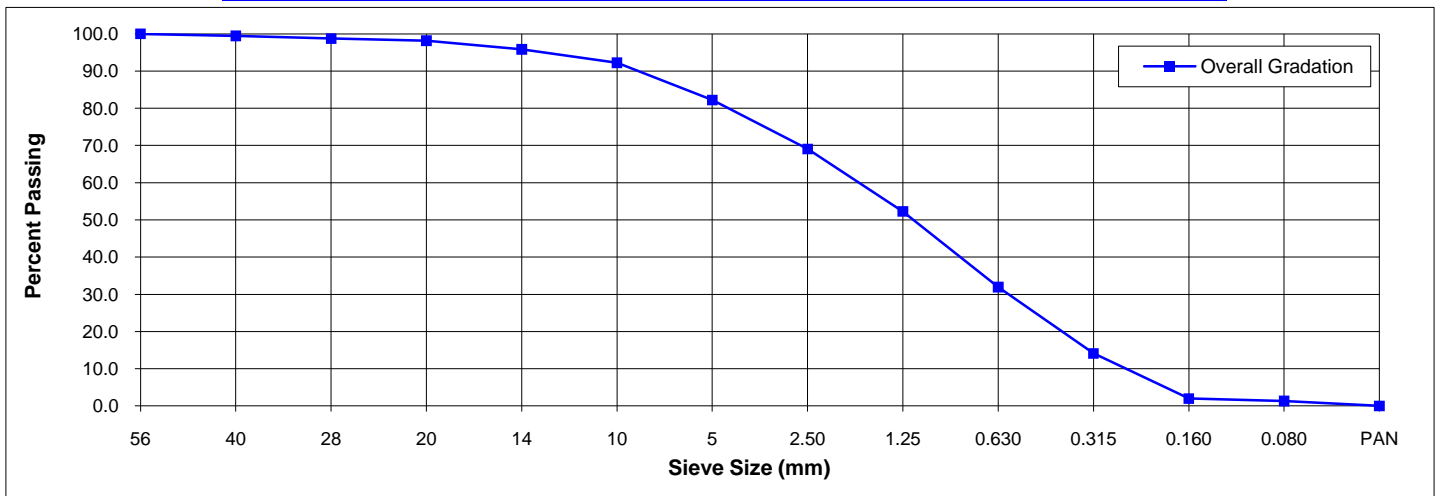
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>110-114</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 17, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	0.6	99.4	3.1		
28	0.7	98.7	4.0		
20	0.6	98.2	3.3		
14	2.3	95.8	13.0		
10	3.6	92.2	20.3		
5	10.0	82.2	56.3		
2.50	13.2	69.1		16.0	
1.25	16.8	52.3		20.4	
0.630	20.3	31.9		24.7	
0.315	17.8	14.1		21.7	
0.160	12.1	2.0		14.7	
0.080	0.7	1.3		0.8	
PAN	1.3	0		1.6	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.94

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 19, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

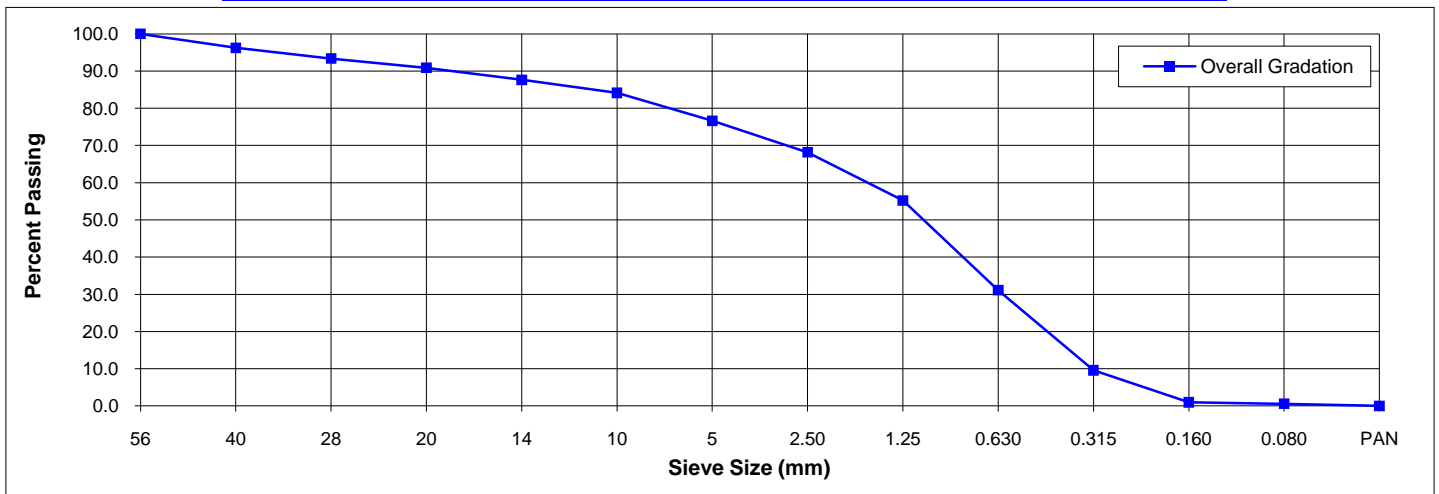
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>115 - 119</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 17, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	3.8	96.2	16.1		
28	2.9	93.4	12.2		
20	2.5	90.9	10.7		
14	3.2	87.6	13.9		
10	3.5	84.1	15.0		
5	7.5	76.6	32.1		
2.50	8.5	68.2		11.0	
1.25	13.0	55.2		16.9	
0.630	24.1	31.1		31.4	
0.315	21.5	9.6		28.1	
0.160	8.6	1.0		11.2	
0.080	0.4	0.6		0.5	
PAN	0.6	0		0.7	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.85

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

July 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>120 - 129</b>

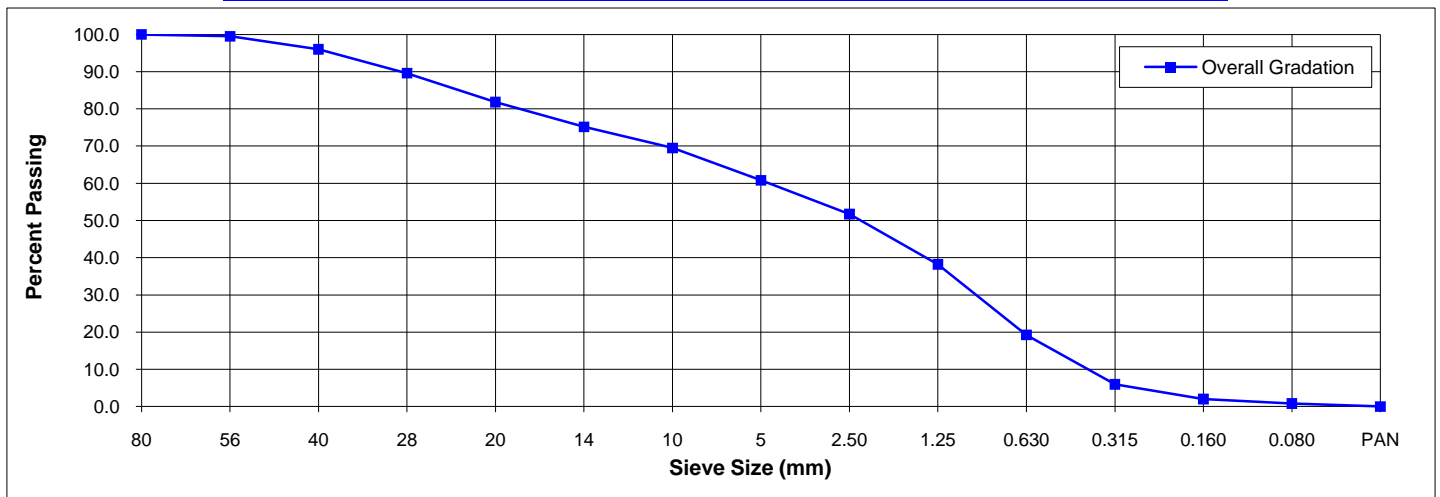
DATE SAMPLED: June 15 - 20, 2010

SAMPLED BY: BH/AB

DATE TESTED: July 16, 2010

TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	0.5	99.5	1.3		
40	3.5	96.0	8.9		
28	6.4	89.6	16.3		
20	7.8	81.8	19.8		
14	6.7	75.2	17.0		
10	5.7	69.5	14.5		
5	8.7	60.8	22.1		
2.50	9.1	51.7		15.0	
1.25	13.5	38.2		22.2	
0.630	19.0	19.2		31.2	
0.315	13.3	6.0		21.9	
0.160	4.0	2.0		6.5	
0.080	1.2	0.8		2.0	
PAN	0.8	0		1.3	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.07

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 19, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

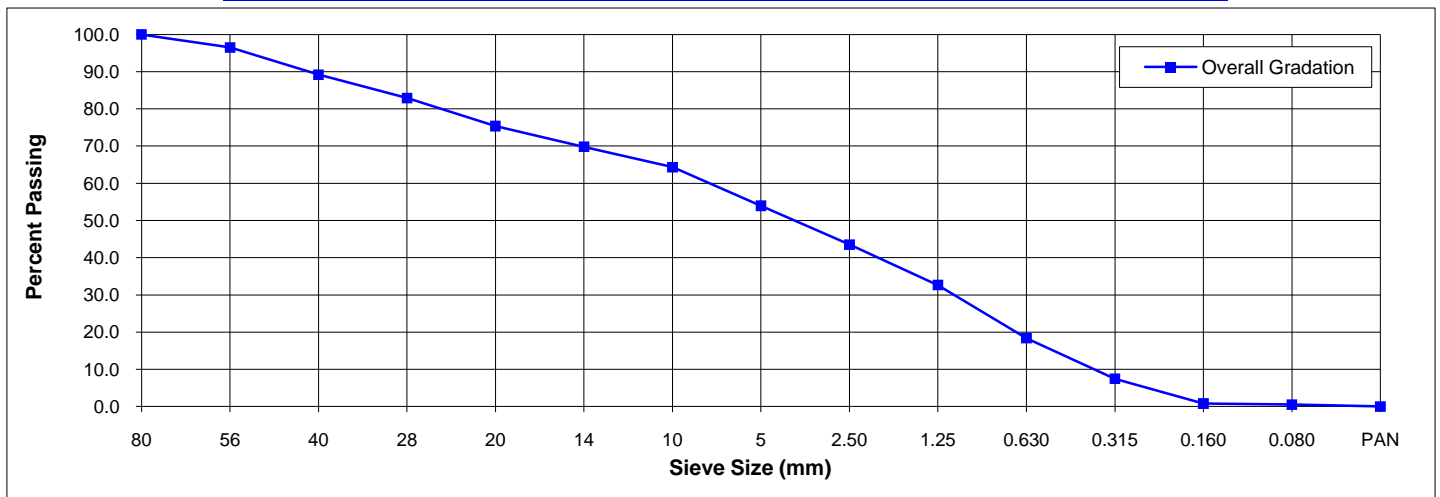
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>130 - 134</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 17, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	3.5	96.5	7.6		
40	7.3	89.2	15.8		
28	6.3	82.9	13.7		
20	7.5	75.4	16.4		
14	5.6	69.8	12.1		
10	5.5	64.3	11.9		
5	10.4	54.0	22.5		
2.50	10.4	43.5		19.4	
1.25	10.9	32.7		20.1	
0.630	14.3	18.4		26.4	
0.315	10.9	7.5		20.3	
0.160	6.6	0.8		12.3	
0.080	0.3	0.5		0.5	
PAN	0.5	0		1.0	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.09

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 19, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

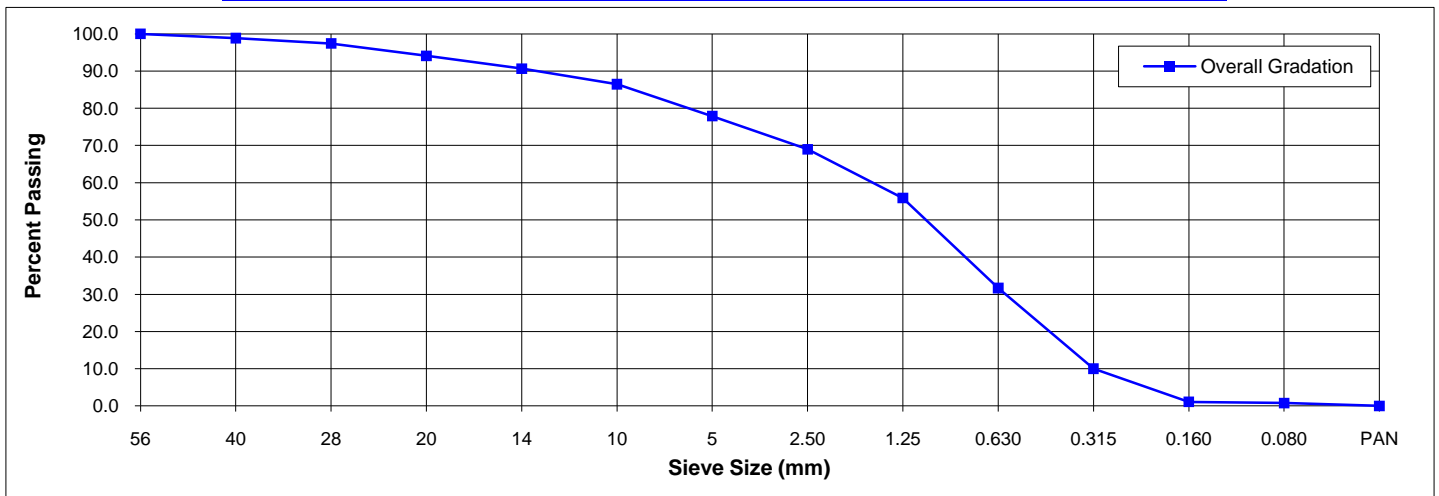
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>135 - 139</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 17, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	1.2	98.8	5.2		
28	1.4	97.4	6.5		
20	3.3	94.1	15.1		
14	3.4	90.6	15.5		
10	4.2	86.5	19.0		
5	8.6	77.9	38.8		
2.50	8.9	69.0		11.4	
1.25	13.1	55.9		16.8	
0.630	24.2	31.7		31.1	
0.315	21.7	10.0		27.8	
0.160	8.9	1.1		11.4	
0.080	0.3	0.8		0.4	
PAN	0.8	0		1.0	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.85

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 19, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

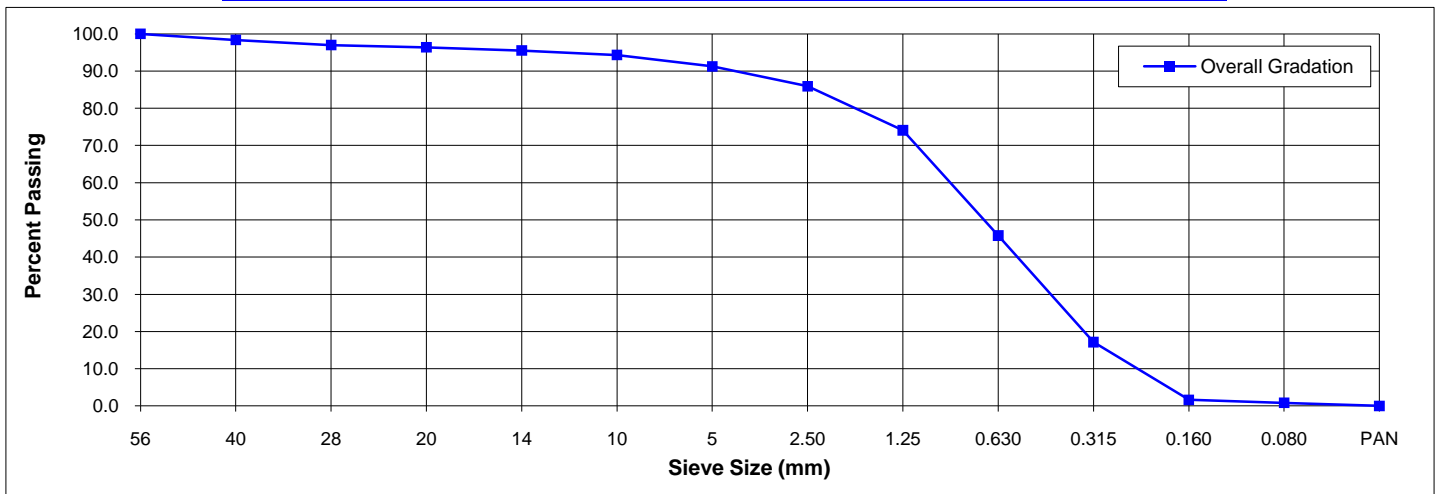
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 02</b>
<b>Depth Range (ft)</b>	<b>140 - 144</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 17, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	1.6	98.4	18.7		
28	1.4	97.0	15.6		
20	0.6	96.4	7.0		
14	0.9	95.5	9.7		
10	1.2	94.3	14.0		
5	3.1	91.3	35.0		
2.50	5.3	85.9		5.8	
1.25	11.8	74.1		13.0	
0.630	28.3	45.8		31.0	
0.315	28.6	17.2		31.4	
0.160	15.5	1.6		17.0	
0.080	0.8	0.8		0.9	
PAN	0.8	0		0.9	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.54

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



Notice: The test data given herein pertain to the sample provided, and may not be applicable to material from other zones/depths. This report constitutes a testing service only. Interpretation of the data given here may be provided upon request.

BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

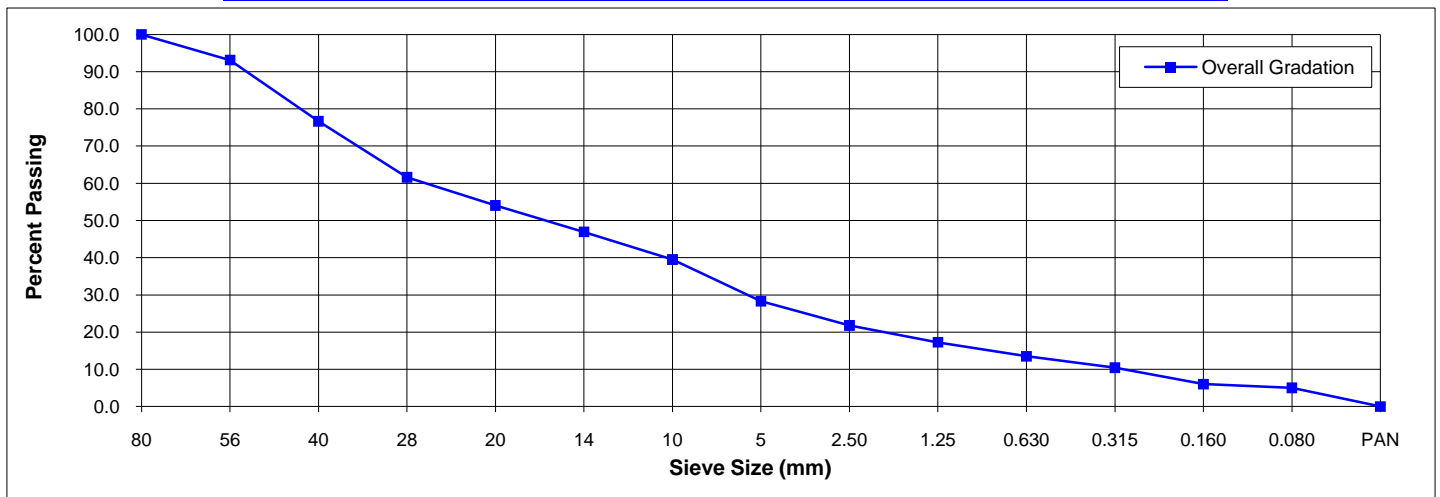
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>5 - 9</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	6.9	93.1	9.6		
40	16.5	76.6	23.0		
28	15.0	61.6	21.0		
20	7.6	54.0	10.6		
14	7.1	46.9	9.9		
10	7.4	39.5	10.3		
5	11.2	28.3	15.6		
2.50	6.5	21.8		23.0	
1.25	4.5	17.3		16.0	
0.630	3.8	13.5		13.3	
0.315	3.1	10.4		10.8	
0.160	4.4	6.0		15.7	
0.080	1.0	5.0		3.5	
PAN	5.0	0		17.6	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.56

Reported by: I.Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

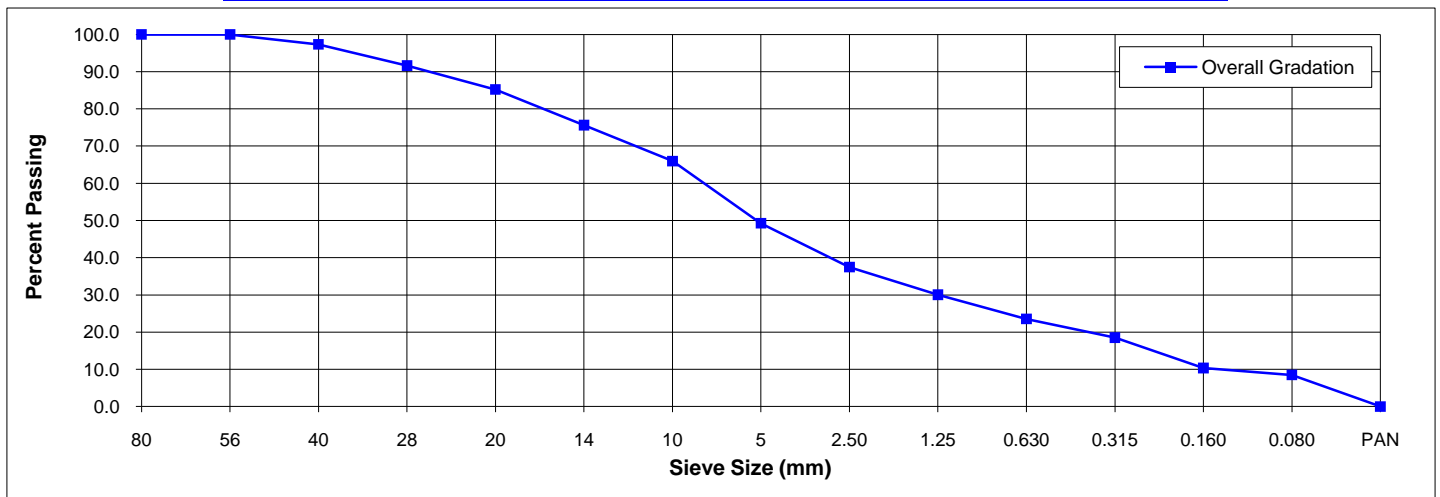
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>10 - 14</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	0.0	100.0	0.0		
40	2.7	97.3	5.3		
28	5.7	91.6	11.3		
20	6.4	85.2	12.6		
14	9.6	75.6	18.9		
10	9.6	66.0	19.0		
5	16.7	49.2	33.0		
2.50	11.8	37.5		23.9	
1.25	7.4	30.0		15.1	
0.630	6.5	23.5		13.2	
0.315	5.0	18.5		10.2	
0.160	8.2	10.3		16.6	
0.080	1.8	8.5		3.8	
PAN	8.5	0		17.2	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.57

Reported by: I.Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 22, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

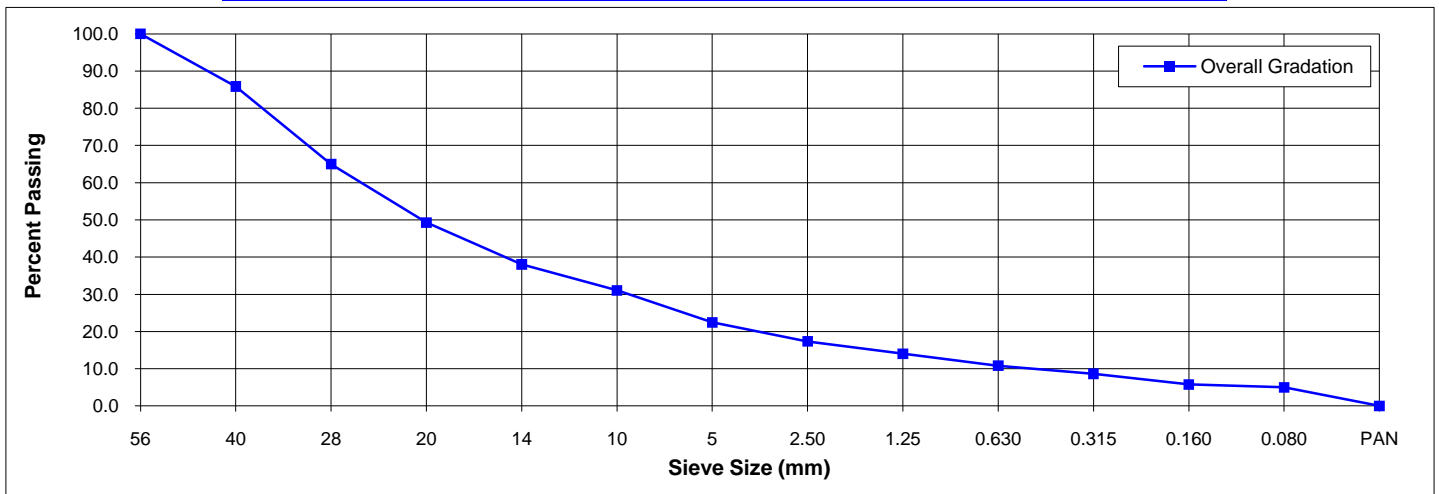
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>15 - 19</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	14.1	85.9	18.2		
28	20.9	65.0	26.9		
20	15.7	49.3	20.3		
14	11.2	38.0	14.5		
10	7.0	31.0	9.0		
5	8.6	22.4	11.1		
2.50	5.1	17.3		22.8	
1.25	3.3	14.0		14.7	
0.630	3.2	10.8		14.4	
0.315	2.2	8.6		9.7	
0.160	2.9	5.8		12.7	
0.080	0.8	5.0		3.5	
PAN	5.0	0		22.2	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.48

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

July 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

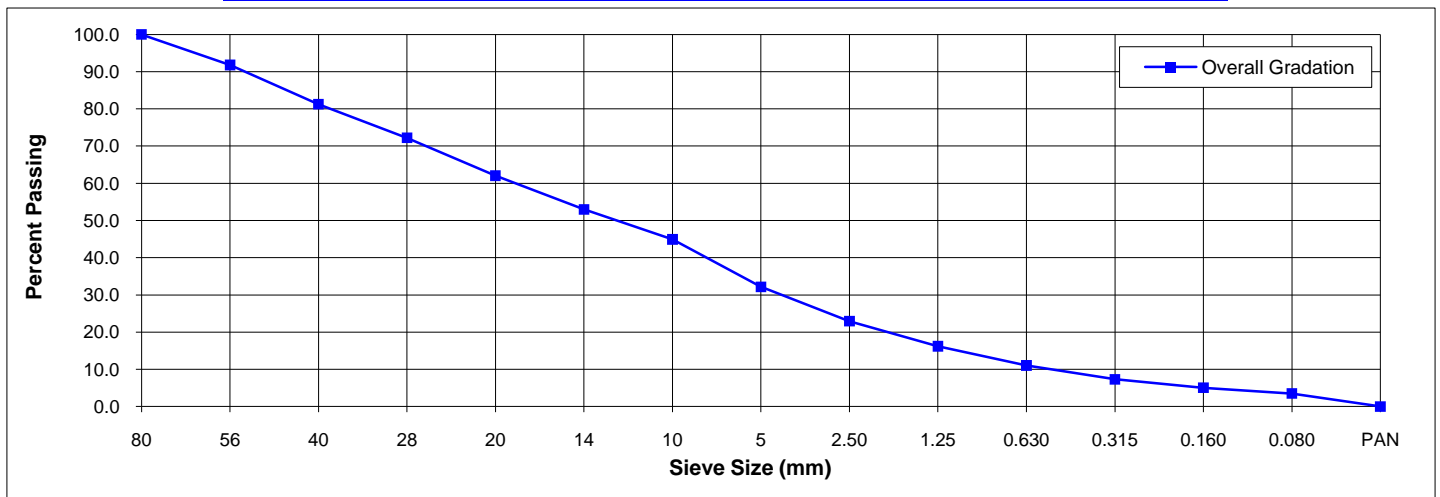
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>20 - 29</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: July 16, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	8.2	91.8	12.1		
40	10.6	81.2	15.6		
28	9.0	72.2	13.3		
20	10.2	62.0	15.0		
14	9.1	53.0	13.4		
10	8.1	44.9	11.9		
5	12.7	32.2	18.8		
2.50	9.2	22.9		28.7	
1.25	6.7	16.2		20.9	
0.630	5.2	11.0		16.1	
0.315	3.7	7.3		11.6	
0.160	2.3	5.0		7.1	
0.080	1.5	3.5		4.8	
PAN	3.5	0		10.9	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.06

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 22, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

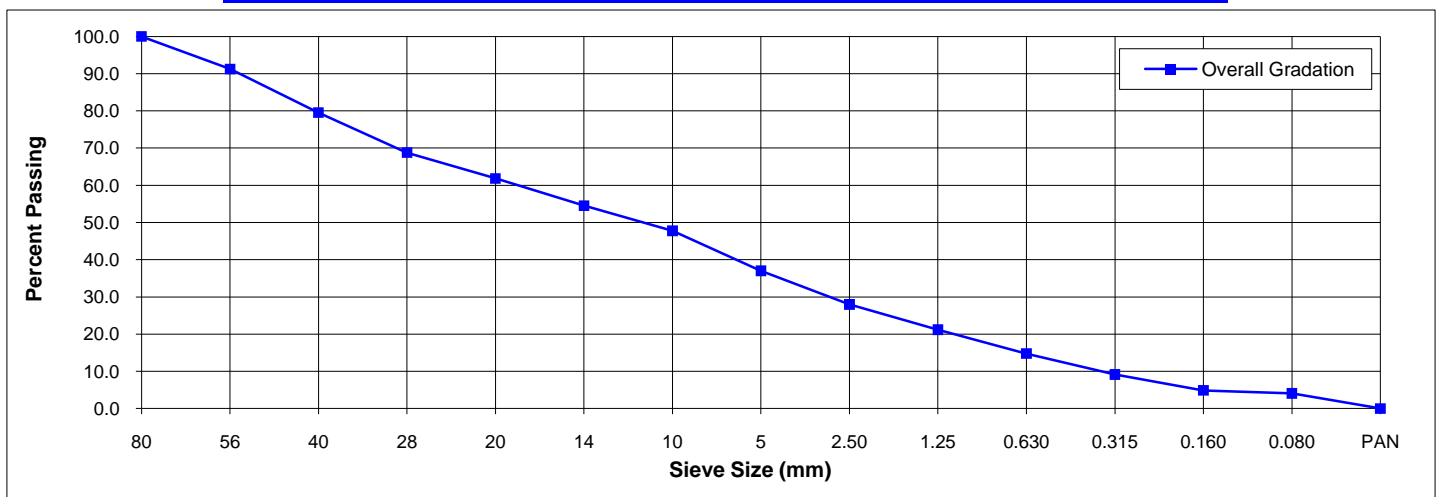
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>30 - 34</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	8.7	91.3	13.9		
40	11.7	79.5	18.6		
28	10.7	68.8	17.1		
20	6.9	61.8	11.0		
14	7.3	54.5	11.6		
10	6.8	47.8	10.7		
5	10.7	37.0	17.1		
2.50	9.0	28.0		24.4	
1.25	6.8	21.2		18.3	
0.630	6.4	14.8		17.4	
0.315	5.6	9.1		15.2	
0.160	4.3	4.9		11.5	
0.080	0.8	4.1		2.2	
PAN	4.1	0		11.0	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.89

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 22, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

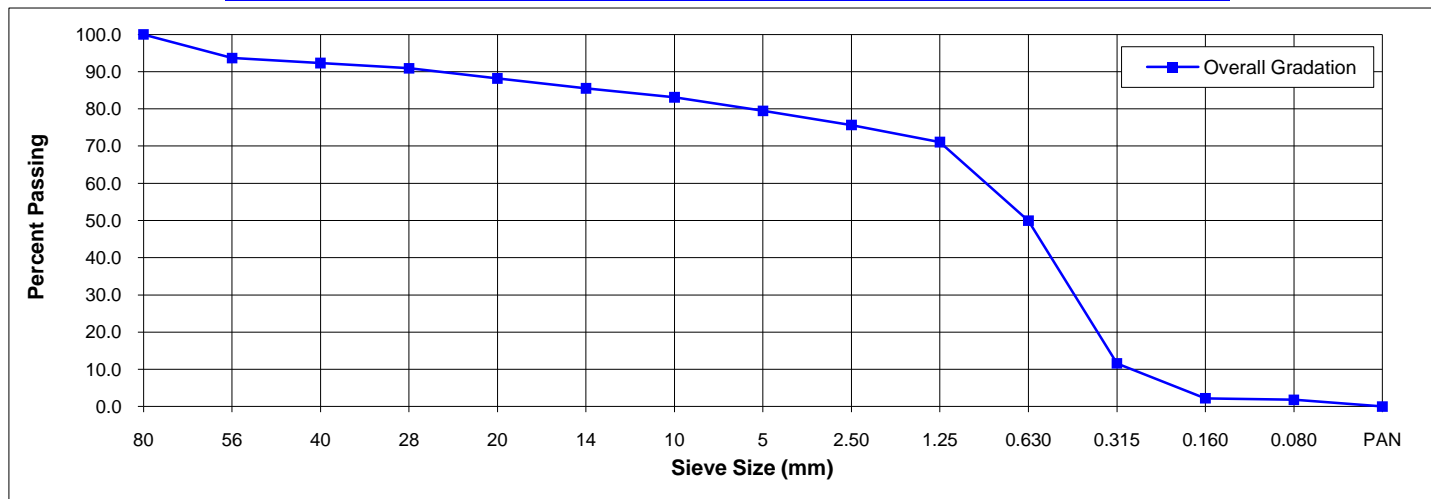
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>35 - 39</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	6.4	93.6	30.9		
40	1.4	92.3	6.6		
28	1.4	90.9	6.8		
20	2.7	88.2	13.3		
14	2.7	85.5	13.0		
10	2.4	83.1	11.6		
5	3.7	79.5	17.8		
2.50	3.8	75.6		4.8	
1.25	4.6	71.1		5.8	
0.630	21.1	49.9		26.6	
0.315	38.3	11.6		48.2	
0.160	9.4	2.2		11.8	
0.080	0.4	1.8		0.5	
PAN	1.8	0		2.3	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.35

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 22, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

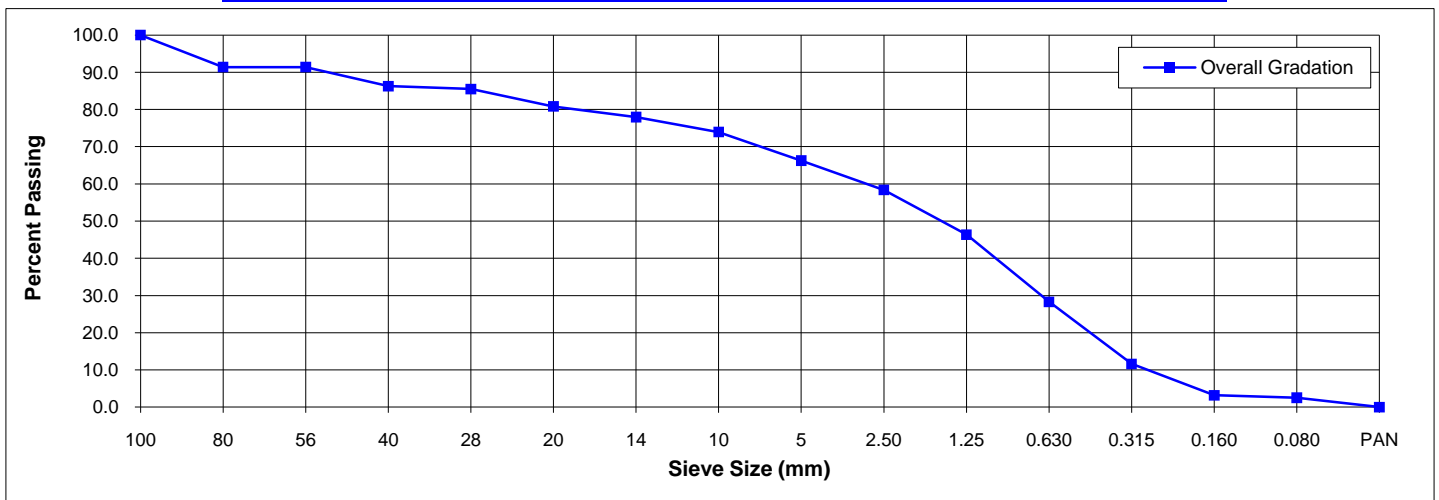
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>40 - 44</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
100	0.0	100.0	0.0		
80	8.6	91.4	25.6		
56	0.0	91.4	0.0		
40	5.1	86.3	15.2		
28	0.8	85.5	2.3		
20	4.7	80.8	13.9		
14	2.9	77.9	8.5		
10	4.0	73.9	11.9		
5	7.7	66.3	22.8		
2.50	7.9	58.4		11.9	
1.25	12.0	46.3		18.2	
0.630	18.0	28.3		27.2	
0.315	16.7	11.6		25.2	
0.160	8.4	3.2		12.7	
0.080	0.7	2.5		1.0	
PAN	2.5	0		3.8	
Total	100.0	100.0	100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.77

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 22, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

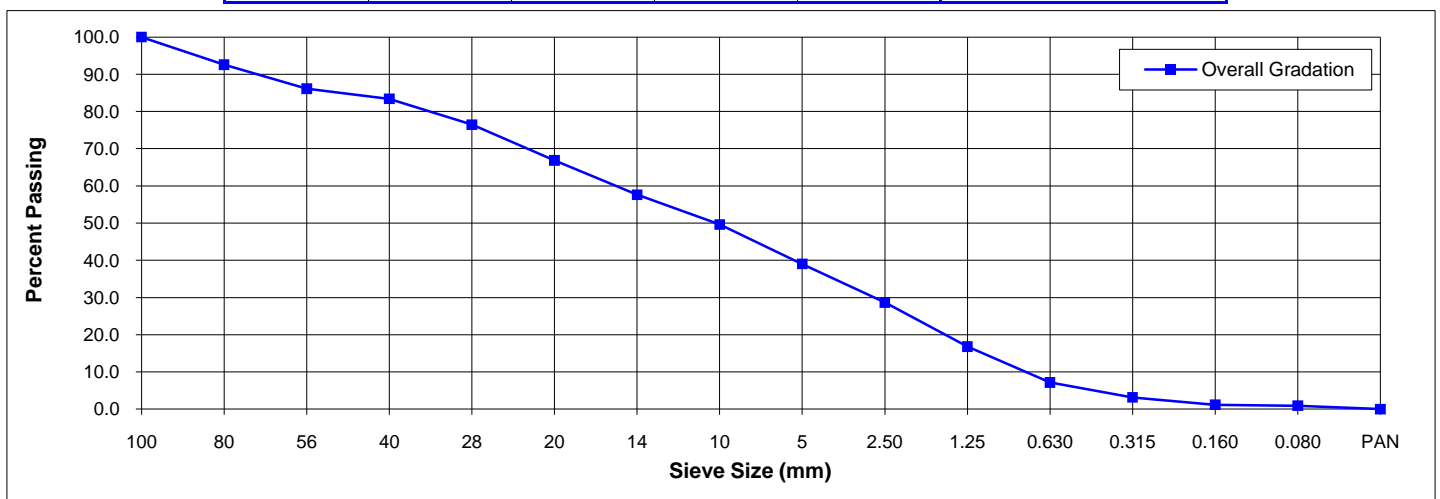
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>45 - 49</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
100	0.0	100.0	0.0		
80	7.4	92.6	12.2		
56	6.4	86.1	10.5		
40	2.7	83.4	4.5		
28	6.9	76.5	11.4		
20	9.6	66.9	15.7		
14	9.2	57.6	15.1		
10	8.0	49.6	13.1		
5	10.6	39.0	17.4		
2.50	10.4	28.6		26.6	
1.25	11.8	16.8		30.3	
0.630	9.6	7.2		24.7	
0.315	4.0	3.1		10.3	
0.160	2.0	1.2		5.1	
0.080	0.3	0.9		0.7	
PAN	0.9	0		2.3	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.54

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 22, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

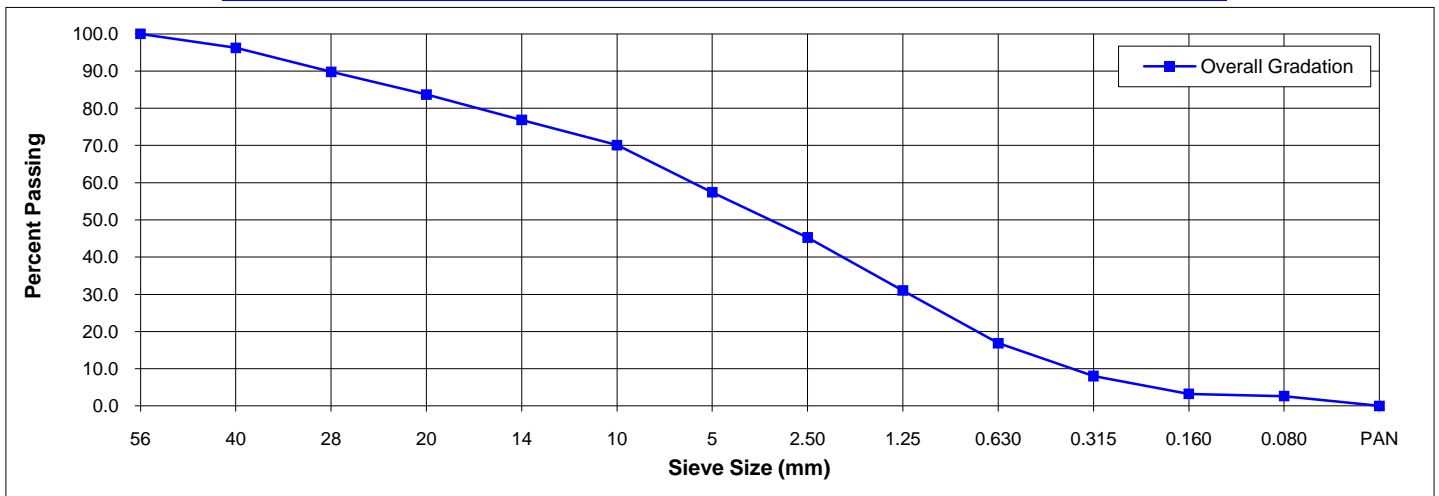
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>50 - 54</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
56	0.0	100.0	0.0		
40	3.8	96.2	8.9		
28	6.4	89.8	15.1		
20	6.1	83.7	14.4		
14	6.8	76.8	16.0		
10	6.7	70.1	15.8		
5	12.7	57.4	29.8		
2.50	12.1	45.3		21.2	
1.25	14.3	31.0		24.8	
0.630	14.1	16.9		24.6	
0.315	8.8	8.0		15.4	
0.160	4.8	3.2		8.3	
0.080	0.6	2.6		1.1	
PAN	2.6	0		4.6	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.18

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 22, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

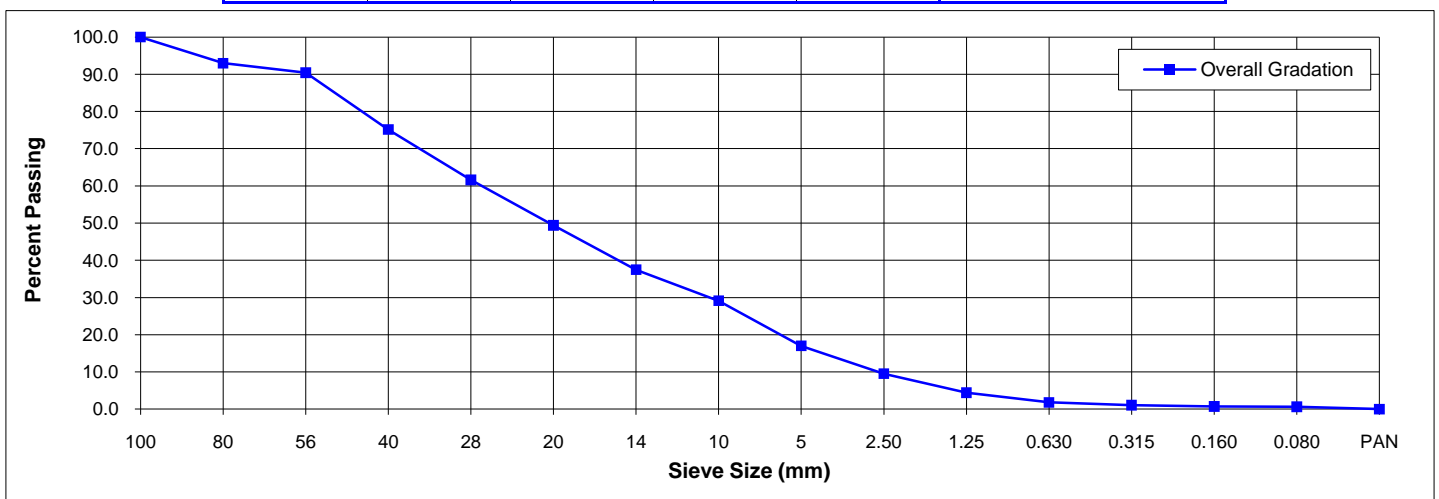
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>55 - 59</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
100	0.0	100.0	0.0		
80	7.0	93.0	8.5		
56	2.5	90.4	3.1		
40	15.3	75.1	18.4		
28	13.5	61.6	16.3		
20	12.2	49.4	14.7		
14	11.9	37.5	14.4		
10	8.4	29.1	10.1		
5	12.1	17.0	14.6		
2.50	7.5	9.5		44.1	
1.25	5.1	4.4		29.9	
0.630	2.6	1.8		15.3	
0.315	0.7	1.1		4.4	
0.160	0.3	0.7		2.0	
0.080	0.1	0.6		0.4	
PAN	0.6	0		3.8	
Total	100.0	100.0	100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.97

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 22, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

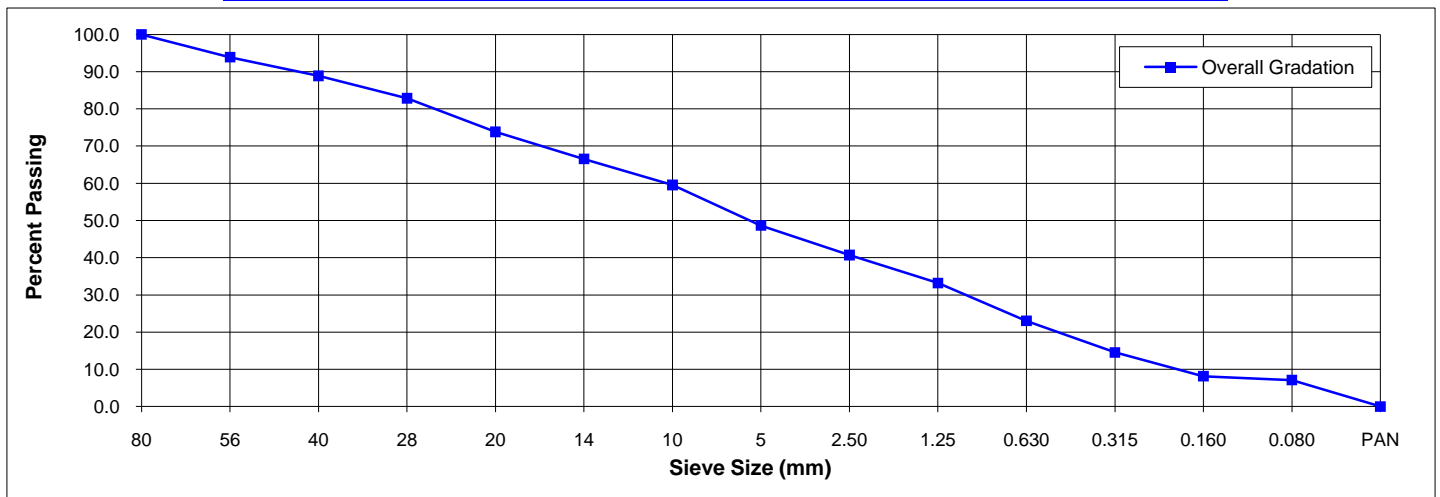
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>60 - 64</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	6.1	93.9	11.9		
40	5.0	88.9	9.8		
28	6.0	82.8	11.7		
20	9.0	73.8	17.6		
14	7.3	66.6	14.1		
10	7.0	59.5	13.7		
5	10.9	48.6	21.2		
2.50	7.9	40.7		16.3	
1.25	7.5	33.2		15.4	
0.630	10.2	23.0		20.9	
0.315	8.5	14.5		17.4	
0.160	6.4	8.2		13.1	
0.080	1.0	7.1		2.2	
PAN	7.1	0		14.6	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.54

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 22, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

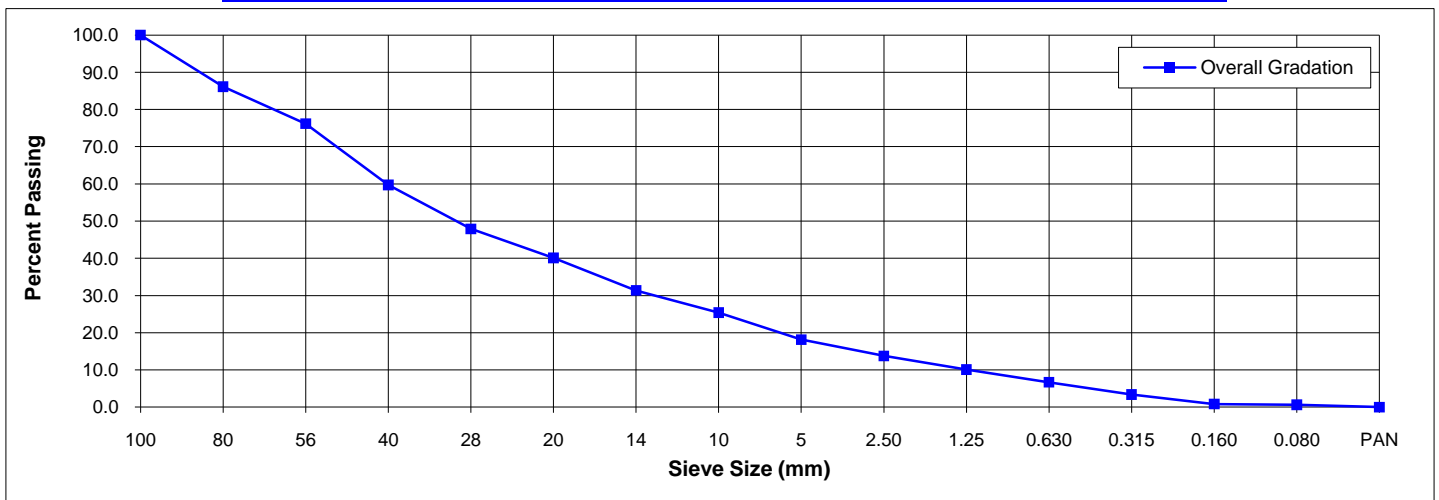
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>65 - 69</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
100	0.0	100.0	0.0		
80	13.9	86.1	16.9		
56	10.0	76.2	12.2		
40	16.4	59.7	20.1		
28	11.8	47.9	14.4		
20	7.8	40.1	9.5		
14	8.7	31.4	10.7		
10	6.0	25.4	7.3		
5	7.2	18.2	8.9		
2.50	4.4	13.8		24.3	
1.25	3.7	10.1		20.1	
0.630	3.4	6.7		18.9	
0.315	3.3	3.4		18.1	
0.160	2.6	0.8		14.1	
0.080	0.2	0.6		1.1	
PAN	0.6	0		3.5	
Total	100.0	100.0	100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.09

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



Notice: The test data given herein pertain to the sample provided, and may not be applicable to material from other zones/depths. This report constitutes a testing service only. Interpretation of the data given here may be provided upon request.

BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 22, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

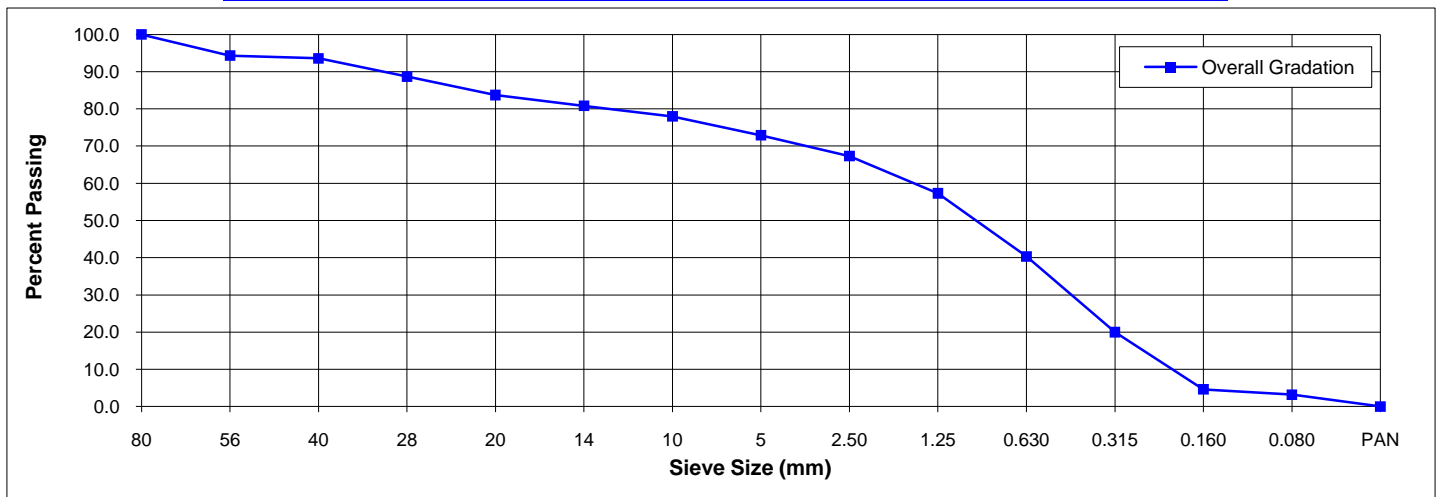
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>75 - 79</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	5.7	94.3	21.0		
40	0.7	93.6	2.7		
28	4.9	88.7	18.1		
20	5.0	83.7	18.3		
14	2.9	80.8	10.7		
10	2.8	78.0	10.5		
5	5.1	72.9	18.8		
2.50	5.6	67.3		7.7	
1.25	10.0	57.3		13.7	
0.630	17.0	40.3		23.3	
0.315	20.4	20.0		27.9	
0.160	15.3	4.6		21.1	
0.080	1.4	3.2		2.0	
PAN	3.2	0		4.4	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.40

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 22, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

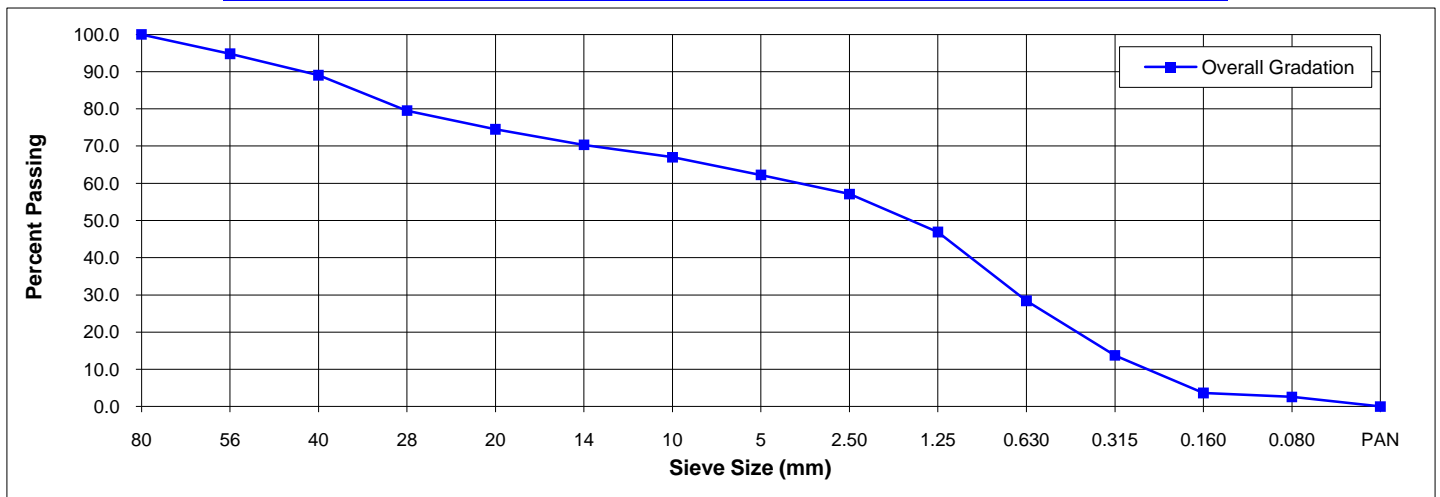
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>80 - 84</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	5.2	94.8	13.8		
40	5.8	89.0	15.2		
28	9.5	79.5	25.2		
20	5.0	74.5	13.3		
14	4.2	70.3	11.1		
10	3.3	67.0	8.8		
5	4.8	62.2	12.6		
2.50	5.1	57.1		8.3	
1.25	10.2	46.9		16.4	
0.630	18.5	28.4		29.7	
0.315	14.7	13.7		23.6	
0.160	10.1	3.7		16.2	
0.080	1.1	2.6		1.7	
PAN	2.6	0		4.1	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.59

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 22, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

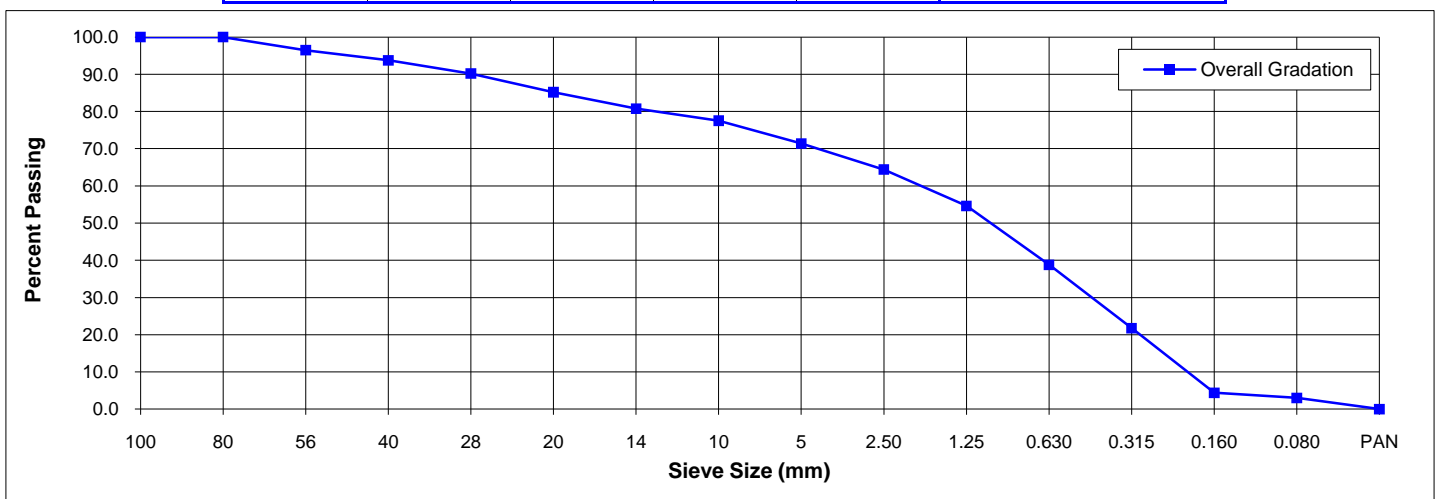
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>85 - 89</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
100	0.0	100.0	0.0		
80	0.0	100.0	0.0		
56	3.5	96.5	12.3		
40	2.7	93.8	9.5		
28	3.6	90.2	12.4		
20	5.0	85.2	17.6		
14	4.4	80.8	15.3		
10	3.3	77.5	11.4		
5	6.1	71.4	21.4		
2.50	7.0	64.4		9.8	
1.25	9.8	54.6		13.7	
0.630	15.8	38.8		22.2	
0.315	17.0	21.8		23.8	
0.160	17.4	4.4		24.3	
0.080	1.4	3.0		1.9	
PAN	3.0	0		4.2	
Total	100.0	100.0	100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.42

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 22, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

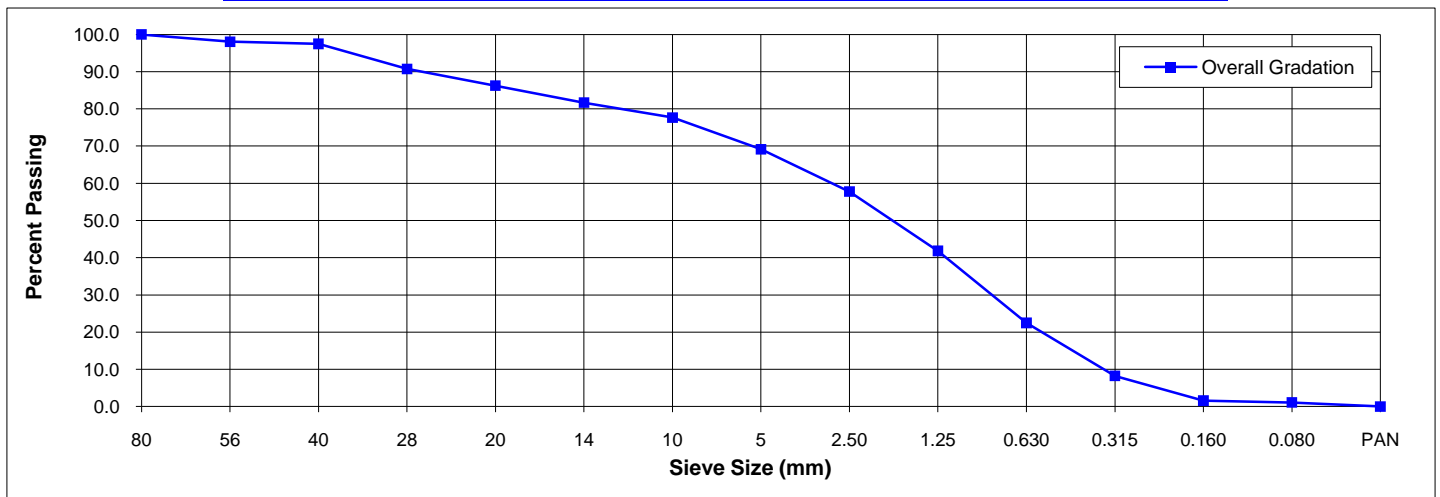
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>90 - 94</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	2.0	98.0	6.3		
40	0.6	97.5	1.9		
28	6.7	90.7	21.8		
20	4.5	86.2	14.6		
14	4.6	81.7	14.8		
10	4.0	77.7	13.0		
5	8.5	69.1	27.6		
2.50	11.4	57.8		16.4	
1.25	15.9	41.8		23.0	
0.630	19.4	22.5		28.0	
0.315	14.3	8.2		20.6	
0.160	6.6	1.6		9.6	
0.080	0.5	1.1		0.7	
PAN	1.1	0		1.6	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.09

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 22, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

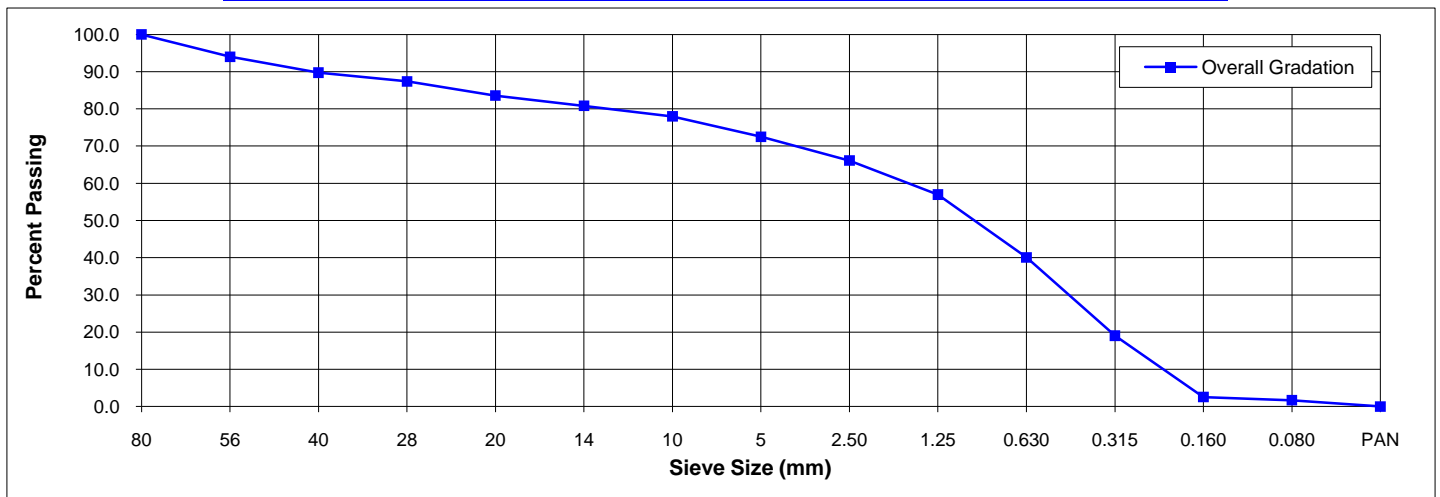
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>95 - 99</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 18, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	6.0	94.0	21.8		
40	4.3	89.7	15.6		
28	2.4	87.4	8.6		
20	3.8	83.6	13.9		
14	2.8	80.8	10.0		
10	2.8	78.0	10.3		
5	5.5	72.5	19.9		
2.50	6.4	66.1		8.8	
1.25	9.1	57.0		12.6	
0.630	16.9	40.1		23.3	
0.315	21.0	19.1		29.0	
0.160	16.5	2.6		22.8	
0.080	0.9	1.7		1.2	
PAN	1.7	0		2.3	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.45

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

July 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 05</b>
<b>Depth Range (ft)</b>	<b>100 - 109</b>

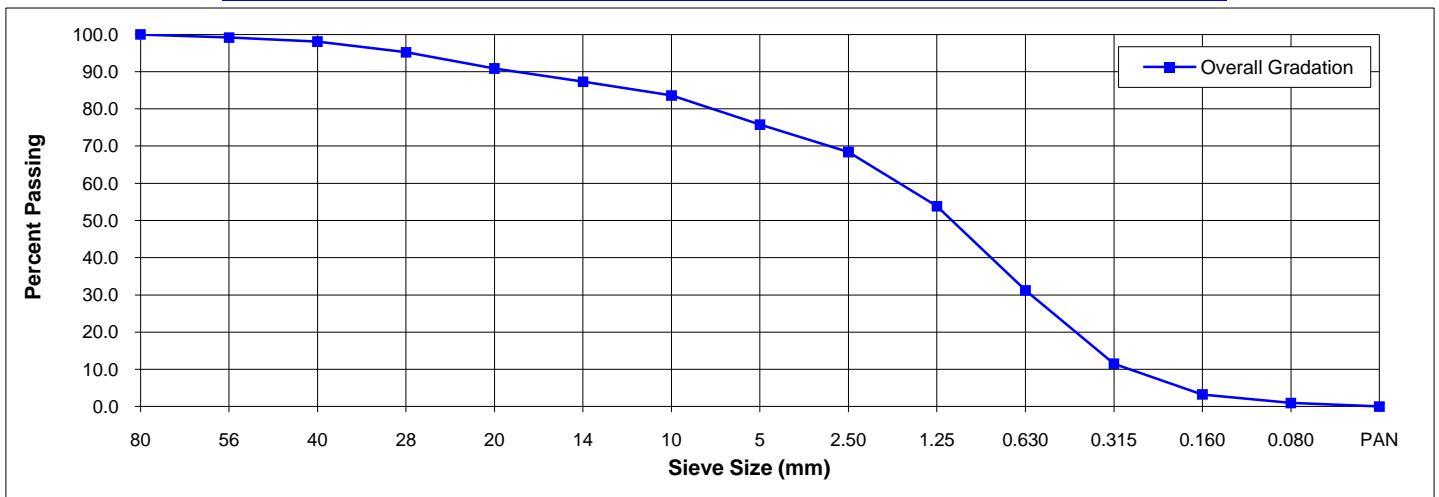
DATE SAMPLED: June 15 - 20, 2010

SAMPLED BY: BH/AB

DATE TESTED: July 16, 2010

TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	0.8	99.2	3.4		
40	1.1	98.1	4.5		
28	2.9	95.2	11.9		
20	4.4	90.8	18.0		
14	3.5	87.3	14.6		
10	3.7	83.6	15.3		
5	7.8	75.8	32.2		
2.50	7.4	68.4		9.7	
1.25	14.5	53.9		19.2	
0.630	22.6	31.2		29.9	
0.315	19.7	11.5		26.0	
0.160	8.3	3.2		10.9	
0.080	2.3	1.0		3.0	
PAN	1.0	0		1.3	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.78

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 29, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

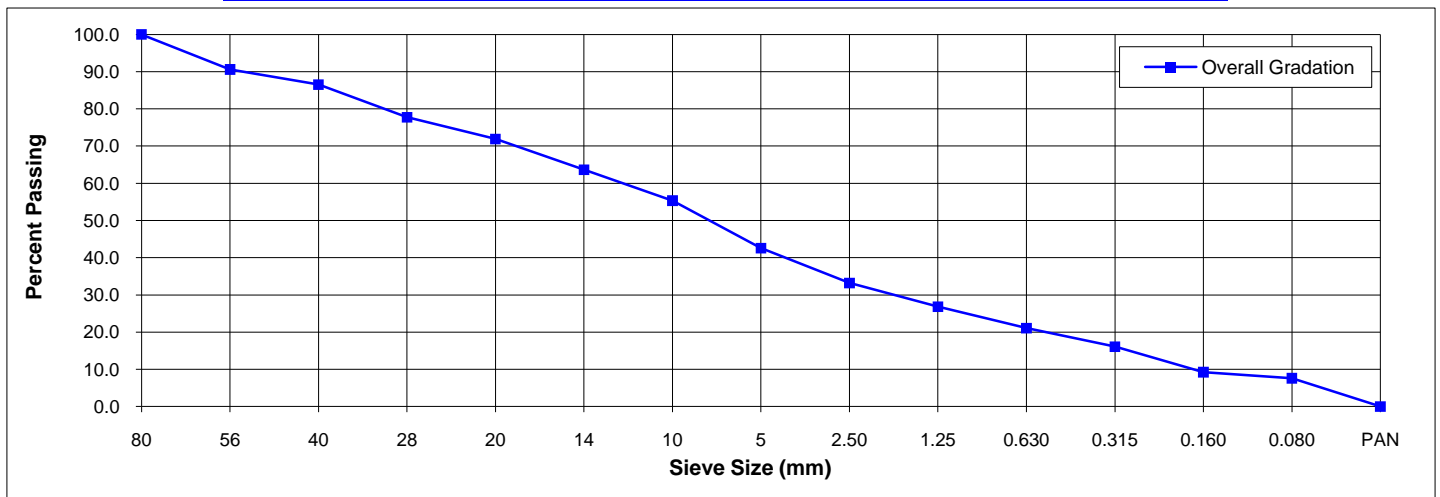
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 06</b>
<b>Depth Range (ft)</b>	<b>5 - 9</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 25, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	9.4	90.6	16.4		
40	4.1	86.5	7.1		
28	8.8	77.7	15.3		
20	5.9	71.9	10.2		
14	8.2	63.7	14.3		
10	8.3	55.3	14.5		
5	12.8	42.6	22.2		
2.50	9.4	33.2		22.0	
1.25	6.4	26.8		15.0	
0.630	5.8	21.1		13.6	
0.315	5.0	16.1		11.7	
0.160	6.9	9.2		16.1	
0.080	1.6	7.6		3.8	
PAN	7.6	0		17.9	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.50

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 29, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

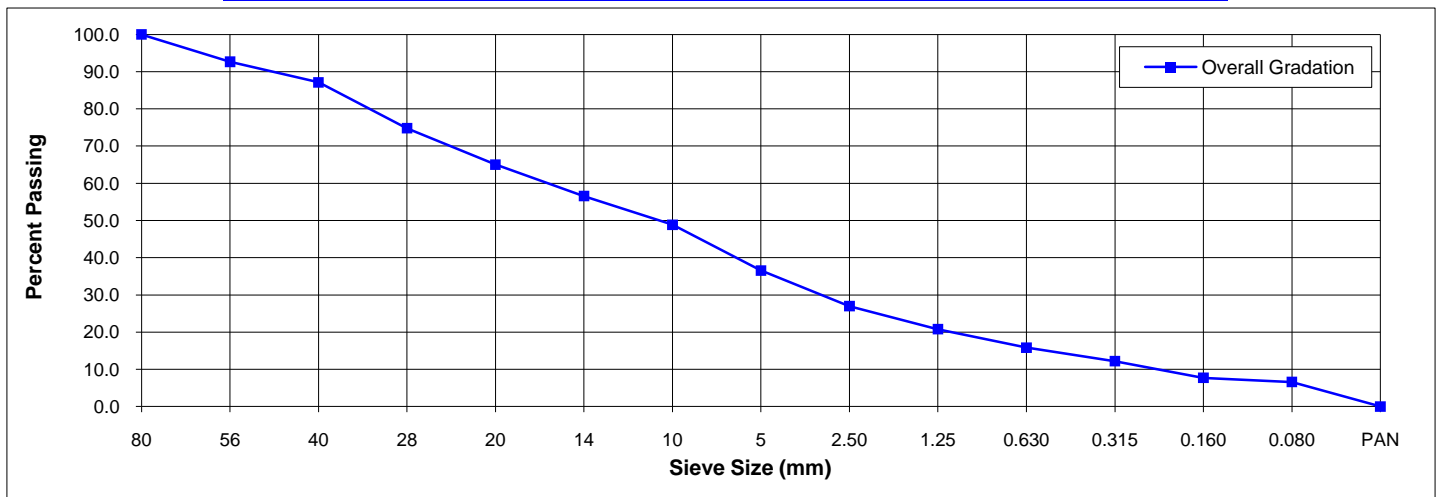
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 06</b>
<b>Depth Range (ft)</b>	<b>10 - 14</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 25, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	7.4	92.6	11.6		
40	5.5	87.1	8.7		
28	12.3	74.8	19.4		
20	9.8	65.0	15.4		
14	8.5	56.5	13.3		
10	7.7	48.9	12.1		
5	12.3	36.6	19.4		
2.50	9.6	27.0		26.2	
1.25	6.2	20.8		17.0	
0.630	5.0	15.8		13.6	
0.315	3.6	12.2		9.9	
0.160	4.5	7.7		12.2	
0.080	1.1	6.6		3.1	
PAN	6.6	0		18.0	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.72

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

July 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 06</b>
<b>Depth Range (ft)</b>	<b>15 - 19</b>

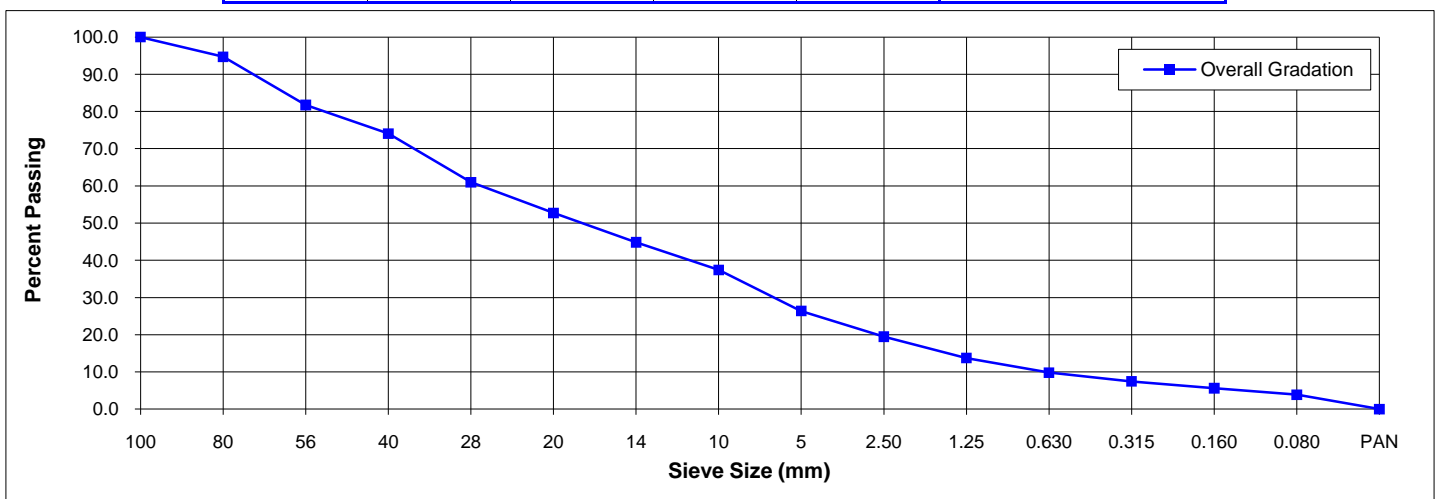
DATE SAMPLED: June 15 - 20, 2010

SAMPLED BY: BH/AB

DATE TESTED: July 16, 2010

TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
100	0.0	100.0	0.0		
80	5.3	94.7	7.2		
56	13.0	81.7	17.6		
40	7.7	74.0	10.4		
28	13.1	61.0	17.8		
20	8.2	52.7	11.2		
14	7.9	44.8	10.7		
10	7.4	37.4	10.1		
5	11.0	26.4	15.0		
2.50	6.9	19.5		26.3	
1.25	5.7	13.7		21.7	
0.630	3.9	9.8		14.9	
0.315	2.4	7.4		8.9	
0.160	1.8	5.6		6.9	
0.080	1.7	3.9		6.6	
PAN	3.9	0		14.7	
Total	100.0	100.0	100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.88

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 29, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

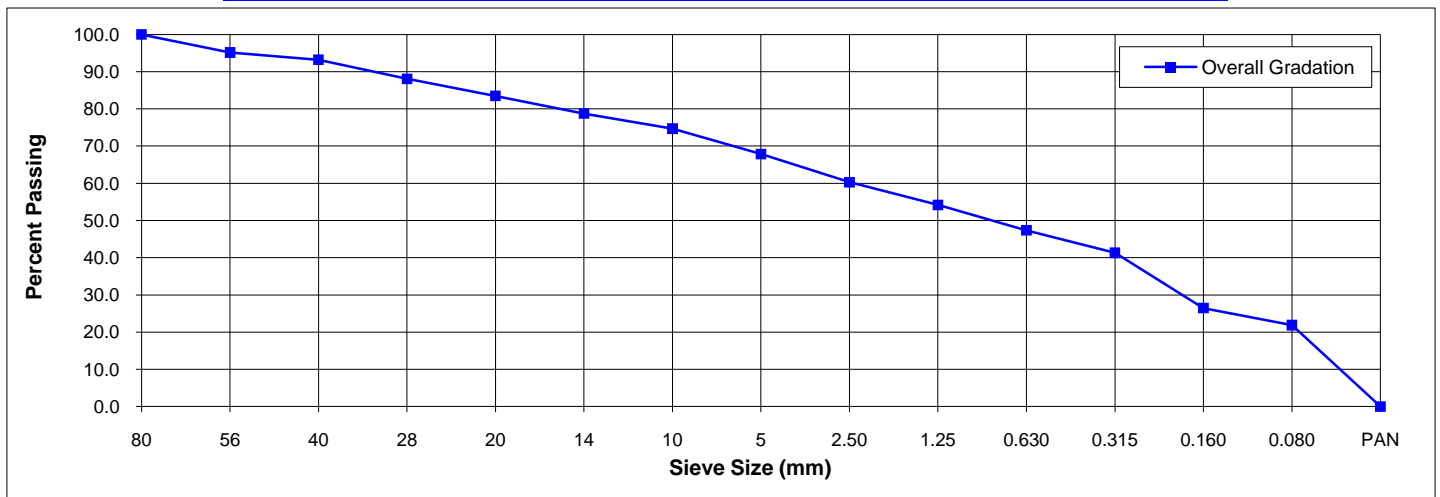
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 06</b>
<b>Depth Range (ft)</b>	<b>20 - 24</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 25, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	4.8	95.2	15.1		
40	1.9	93.2	6.1		
28	5.1	88.1	16.0		
20	4.6	83.5	14.3		
14	4.7	78.8	14.7		
10	4.1	74.7	12.6		
5	6.8	67.9	21.2		
2.50	7.6	60.3		11.2	
1.25	6.1	54.2		9.0	
0.630	6.8	47.4		10.0	
0.315	6.1	41.3		8.9	
0.160	14.8	26.5		21.9	
0.080	4.6	21.9		6.8	
PAN	21.9	0		32.2	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 1.62

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 29, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

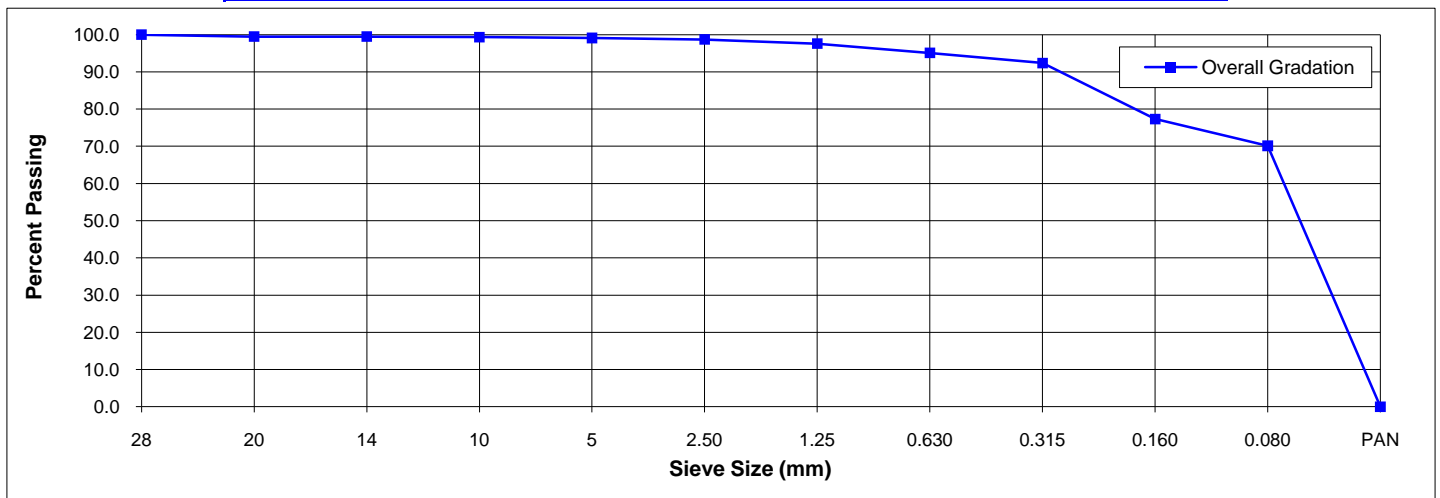
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 06</b>
<b>Depth Range (ft)</b>	<b>25 - 29</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 25, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
28	0.0	100.0	0.0		
20	0.5	99.5	56.4		
14	0.0	99.5	0.0		
10	0.2	99.3	17.3		
5	0.2	99.1	26.4		
2.50	0.4	98.7		0.4	
1.25	1.1	97.6		1.1	
0.630	2.5	95.1		2.5	
0.315	2.7	92.4		2.7	
0.160	15.1	77.3		15.2	
0.080	7.2	70.1		7.2	
PAN	70.1	0		70.8	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 0.35

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 29, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

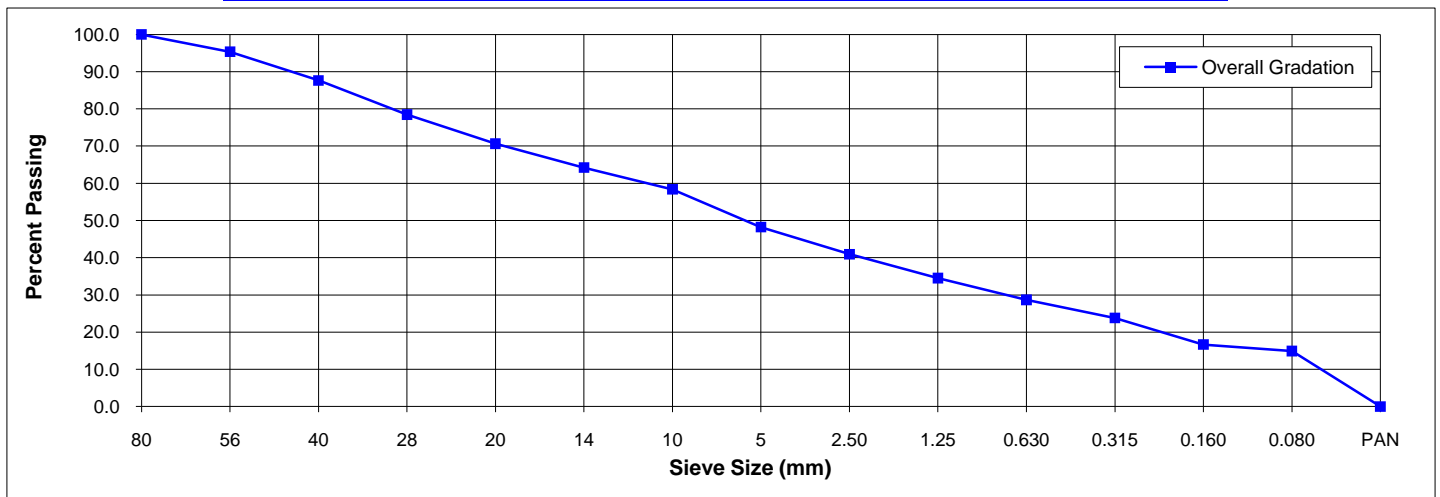
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 06</b>
<b>Depth Range (ft)</b>	<b>30 - 34</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 25, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	4.7	95.3	9.0		
40	7.7	87.6	14.9		
28	9.2	78.5	17.7		
20	7.8	70.6	15.1		
14	6.4	64.2	12.4		
10	5.8	58.4	11.3		
5	10.2	48.2	19.6		
2.50	7.3	40.9		15.1	
1.25	6.4	34.5		13.3	
0.630	5.9	28.7		12.2	
0.315	4.9	23.8		10.1	
0.160	7.1	16.7		14.8	
0.080	1.7	14.9		3.6	
PAN	14.9	0		30.9	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.00

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



Notice: The test data given herein pertain to the sample provided, and may not be applicable to material from other zones/depths. This report constitutes a testing service only. Interpretation of the data given here may be provided upon request.

BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 29, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

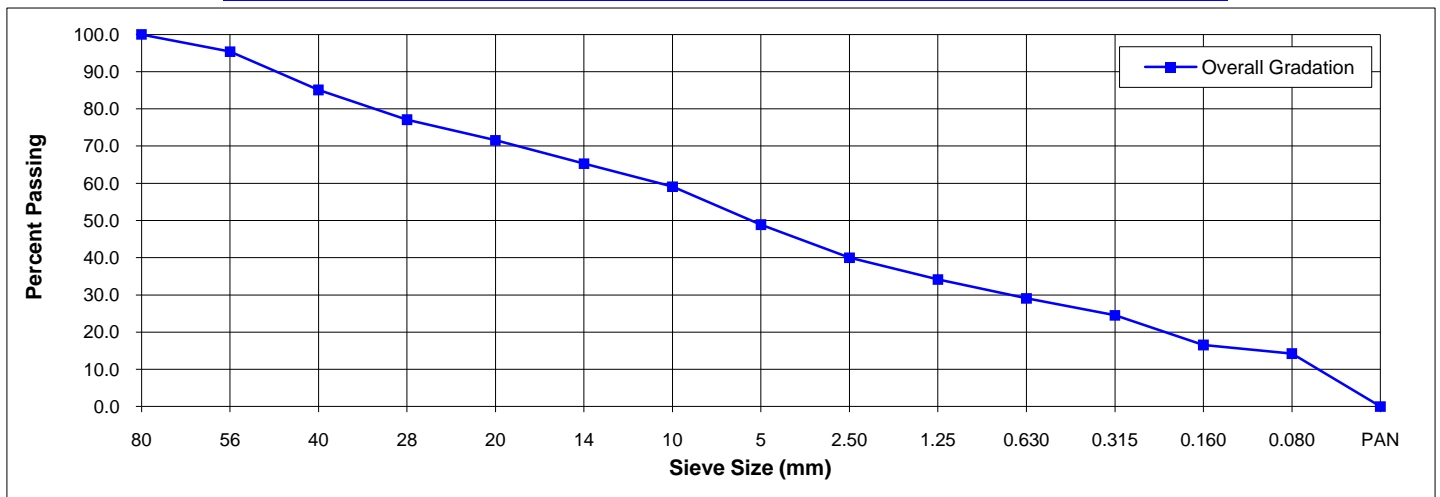
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 06</b>
<b>Depth Range (ft)</b>	<b>50 - 54</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 25, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	4.6	95.4	9.1		
40	10.3	85.1	20.1		
28	8.0	77.1	15.7		
20	5.5	71.5	10.8		
14	6.3	65.3	12.3		
10	6.2	59.1	12.1		
5	10.2	48.9	20.0		
2.50	8.9	40.0		18.2	
1.25	5.8	34.2		12.0	
0.630	5.1	29.1		10.4	
0.315	4.6	24.5		9.3	
0.160	8.0	16.6		16.3	
0.080	2.3	14.2		4.8	
PAN	14.2	0		29.1	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.05

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 29, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

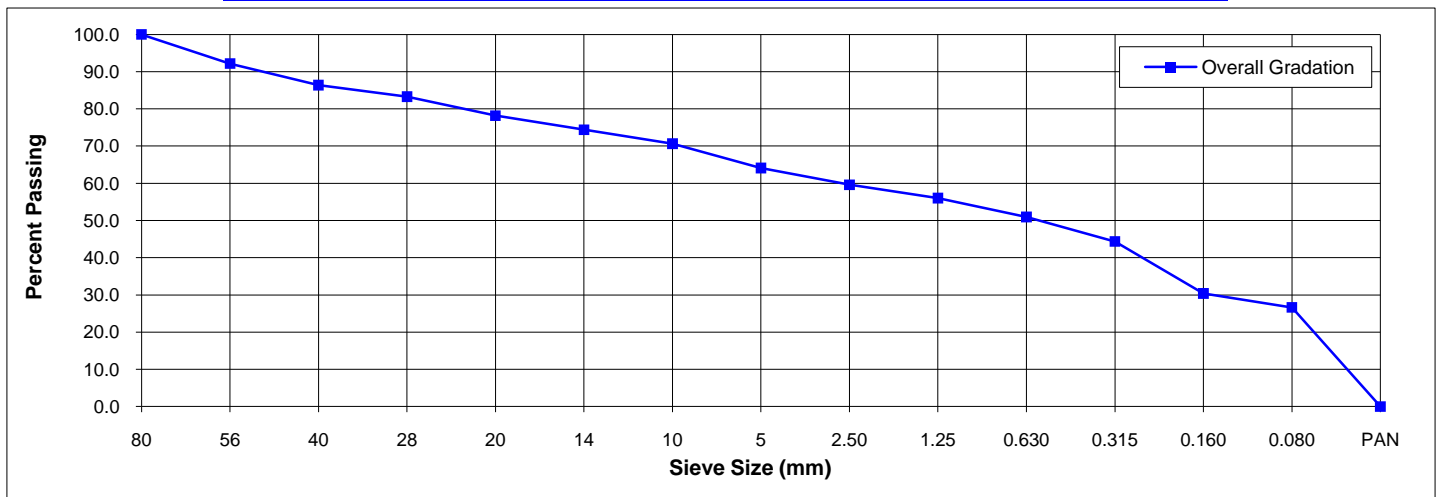
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 06</b>
<b>Depth Range (ft)</b>	<b>No Depth</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 25, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	7.8	92.2	21.8		
40	5.8	86.4	16.1		
28	3.1	83.3	8.6		
20	5.1	78.2	14.2		
14	3.8	74.4	10.5		
10	3.8	70.6	10.5		
5	6.5	64.1	18.2		
2.50	4.5	59.6		7.1	
1.25	3.6	56.0		5.6	
0.630	5.1	50.9		7.9	
0.315	6.6	44.4		10.3	
0.160	14.0	30.4		21.8	
0.080	3.7	26.6		5.8	
PAN	26.6	0		41.5	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 1.24

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

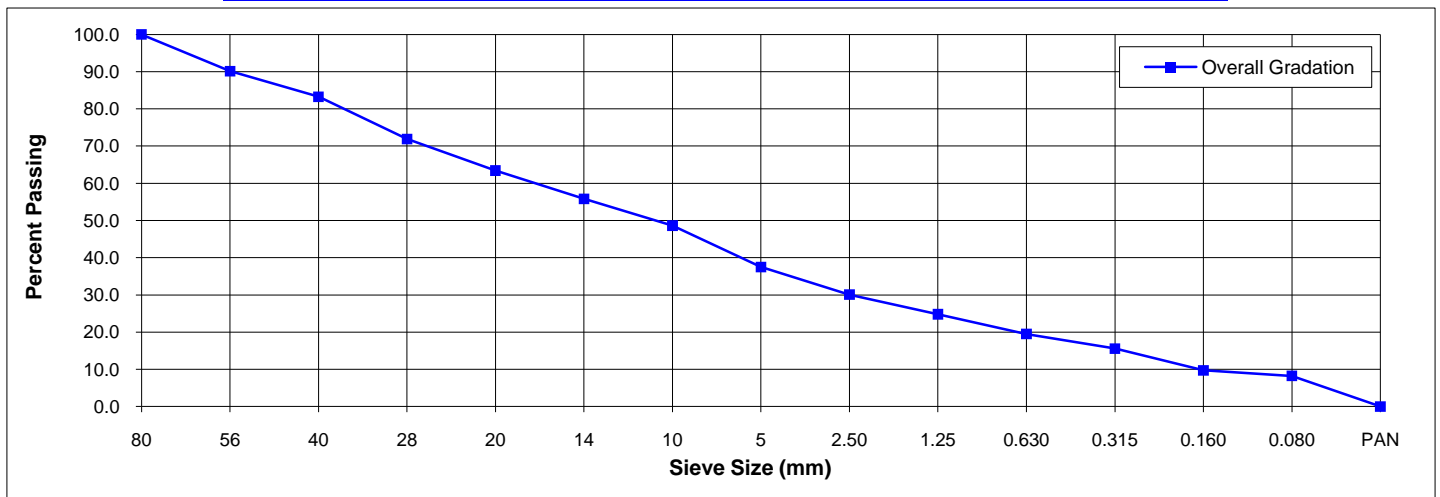
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>10 - 14</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 19, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	9.9	90.1	15.8		
40	6.9	83.2	11.0		
28	11.3	71.9	18.1		
20	8.5	63.4	13.6		
14	7.6	55.8	12.2		
10	7.2	48.6	11.5		
5	11.1	37.5	17.8		
2.50	7.4	30.1		19.8	
1.25	5.3	24.8		14.0	
0.630	5.3	19.5		14.2	
0.315	3.9	15.6		10.4	
0.160	5.9	9.7		15.6	
0.080	1.5	8.2		3.9	
PAN	8.2	0		22.0	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.34

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

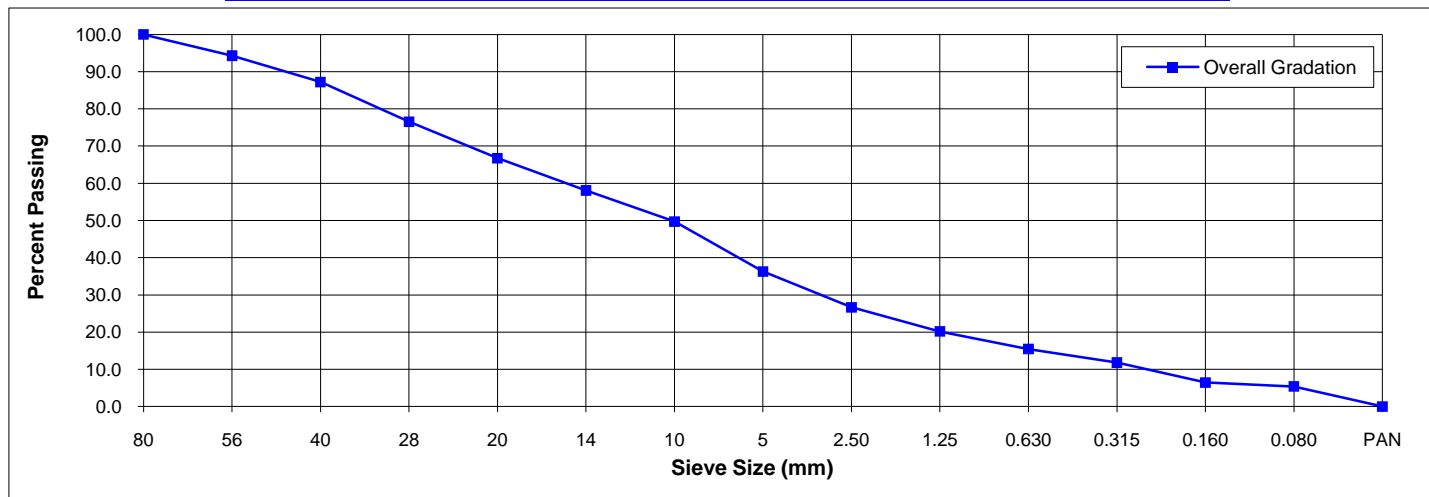
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>15 - 19</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 19, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	5.7	94.3	9.0		
40	7.1	87.2	11.1		
28	10.6	76.6	16.7		
20	9.8	66.7	15.4		
14	8.7	58.1	13.6		
10	8.4	49.7	13.1		
5	13.4	36.3	21.1		
2.50	9.6	26.7		26.5	
1.25	6.5	20.2		17.8	
0.630	4.7	15.4		13.1	
0.315	3.6	11.8		10.0	
0.160	5.4	6.4		14.8	
0.080	1.1	5.4		2.9	
PAN	5.4	0		14.9	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.78

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

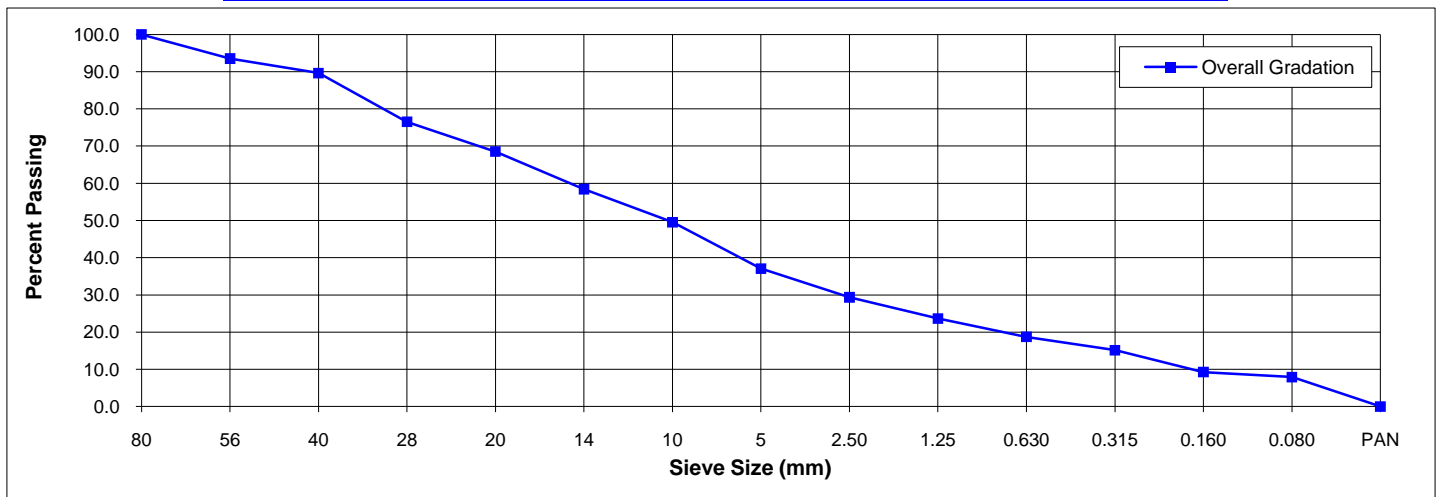
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>20 - 24</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 19, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	6.5	93.5	10.3		
40	3.9	89.6	6.2		
28	13.1	76.5	20.8		
20	8.0	68.5	12.7		
14	10.1	58.4	16.0		
10	8.9	49.5	14.1		
5	12.4	37.1	19.8		
2.50	7.7	29.4		20.8	
1.25	5.7	23.6		15.4	
0.630	4.9	18.7		13.3	
0.315	3.6	15.1		9.7	
0.160	5.9	9.3		15.9	
0.080	1.4	7.9		3.7	
PAN	7.9	0		21.2	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.41

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

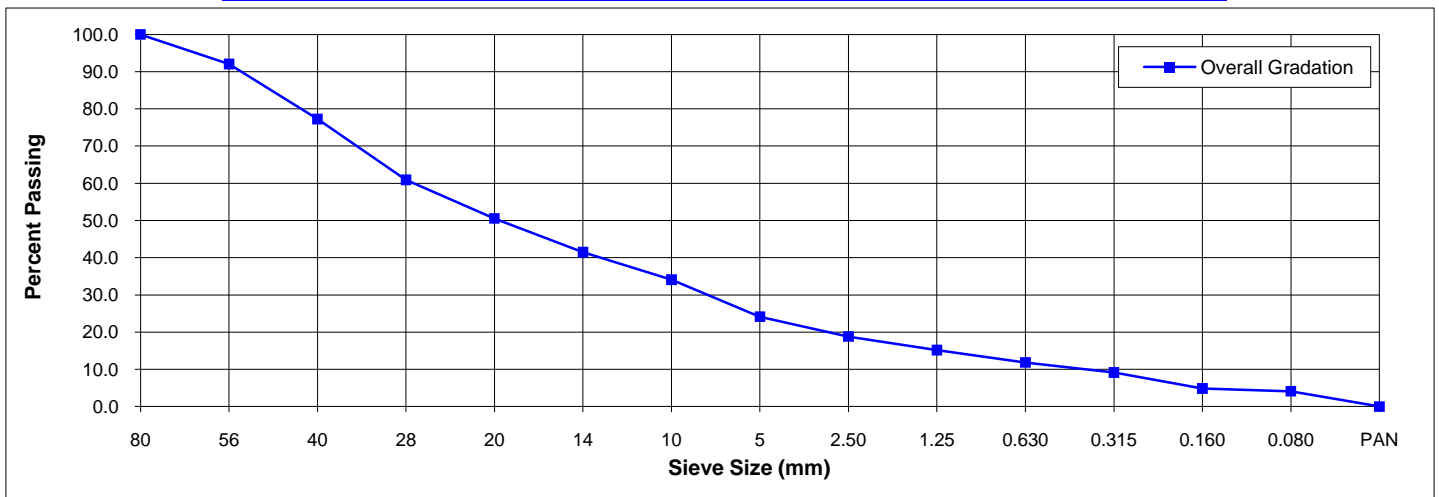
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>25 - 29</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 19, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/IC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	7.9	92.1	10.5		
40	14.8	77.3	19.5		
28	16.4	60.9	21.6		
20	10.4	50.5	13.7		
14	9.1	41.5	11.9		
10	7.4	34.1	9.8		
5	9.9	24.1	13.1		
2.50	5.3	18.8		22.1	
1.25	3.6	15.2		15.1	
0.630	3.3	11.8		13.8	
0.315	2.7	9.1		11.2	
0.160	4.3	4.8		17.9	
0.080	0.7	4.1		3.1	
PAN	4.1	0		16.8	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.53

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

July 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

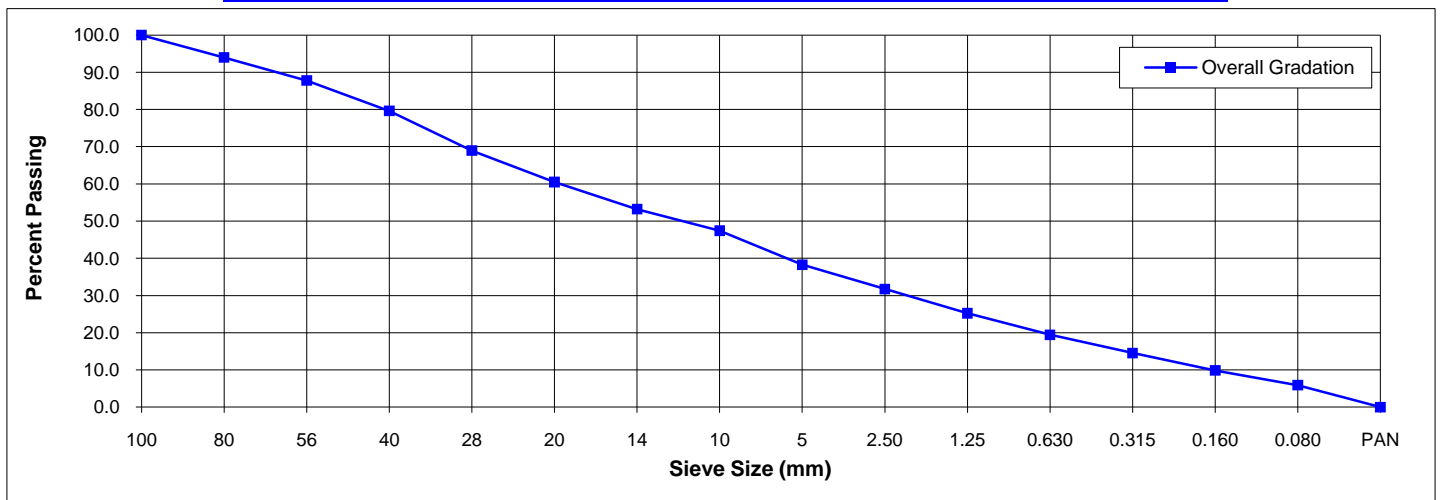
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>30 - 39</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: July 16, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
100	0.0	100.0	0.0		
80	6.0	94.0	9.8		
56	6.2	87.8	10.0		
40	8.2	79.6	13.3		
28	10.7	68.9	17.3		
20	8.4	60.5	13.7		
14	7.3	53.2	11.8		
10	5.8	47.4	9.4		
5	9.2	38.3	14.8		
2.50	6.5	31.7		17.1	
1.25	6.5	25.2		17.0	
0.630	5.8	19.4		15.1	
0.315	4.9	14.5		12.8	
0.160	4.7	9.9		12.2	
0.080	4.0	5.9		10.4	
PAN	5.9	0		15.5	
Total	100.0	100.0	100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.36

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

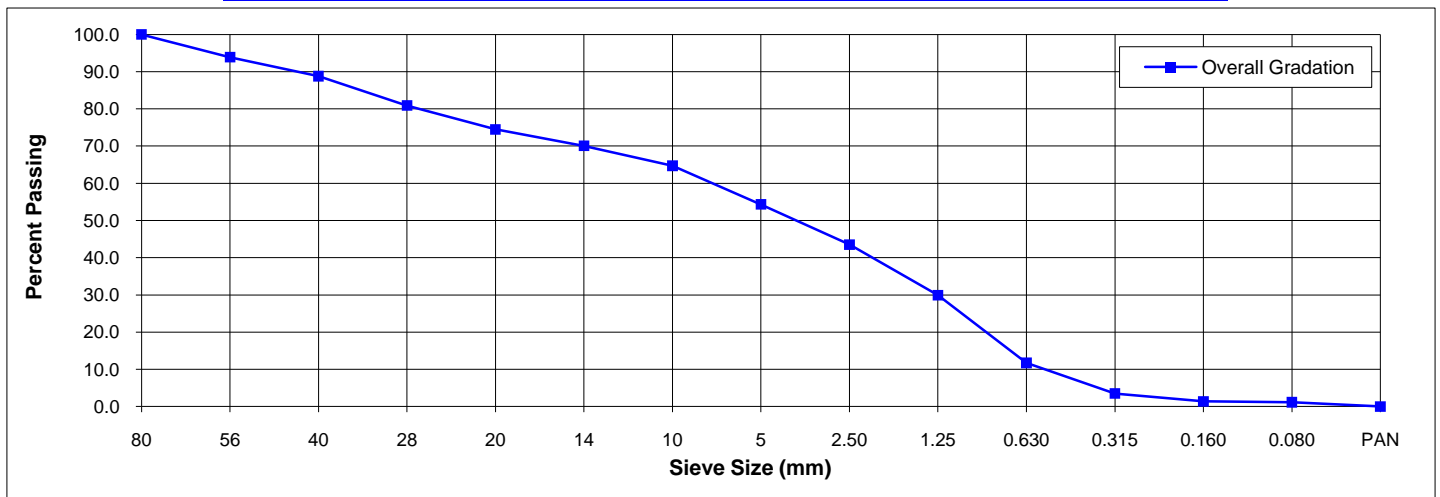
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>40 - 44</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 22, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/IC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	6.1	93.9	13.4		
40	5.1	88.8	11.2		
28	7.9	80.9	17.3		
20	6.4	74.5	14.1		
14	4.4	70.1	9.7		
10	5.3	64.7	11.7		
5	10.4	54.3	22.7		
2.50	10.8	43.5		19.9	
1.25	13.6	29.9		25.0	
0.630	18.2	11.7		33.5	
0.315	8.2	3.5		15.2	
0.160	2.1	1.4		3.9	
0.080	0.2	1.1		0.5	
PAN	1.1	0		2.0	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.34

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

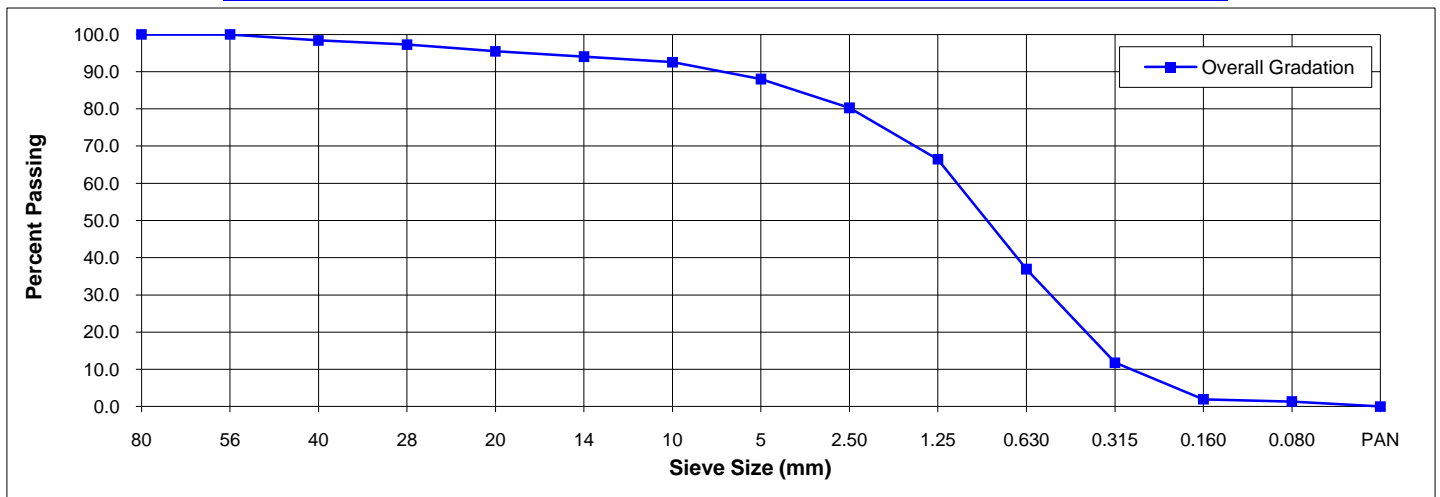
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>45 - 49</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 19, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/IC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	0.0	100.0	0.0		
40	1.6	98.4	13.5		
28	1.1	97.3	9.2		
20	1.8	95.5	15.1		
14	1.4	94.0	12.0		
10	1.5	92.5	12.5		
5	4.5	88.0	37.8		
2.50	7.7	80.3		8.8	
1.25	13.8	66.4		15.7	
0.630	29.5	36.9		33.5	
0.315	25.1	11.8		28.6	
0.160	9.9	1.9		11.2	
0.080	0.6	1.3		0.7	
PAN	1.3	0		1.5	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.76

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

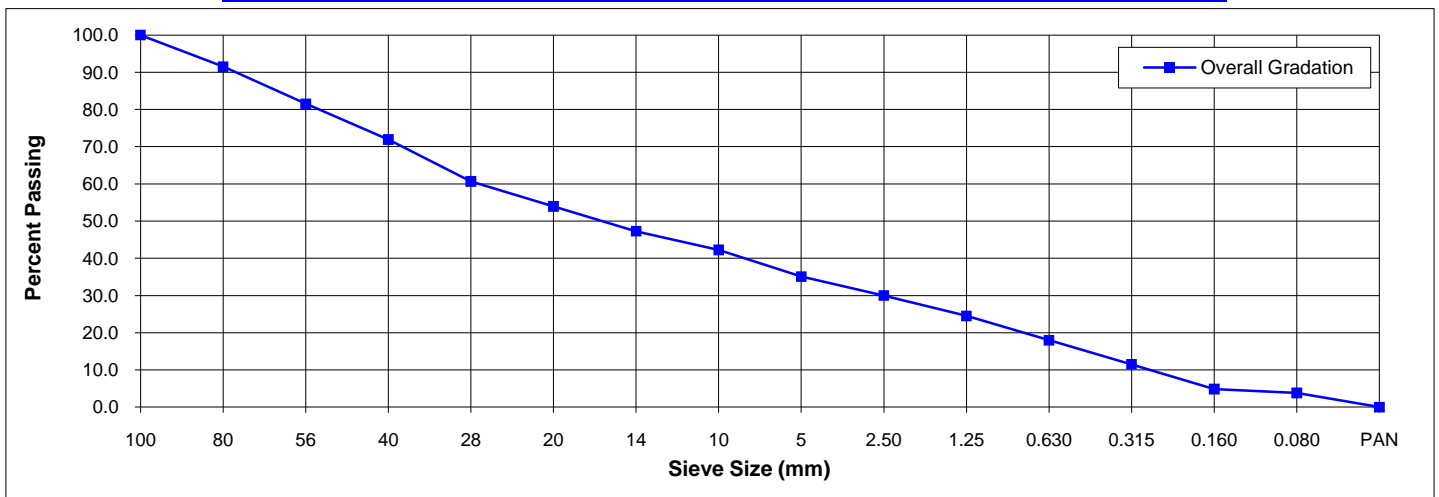
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>50 - 59</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 19, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/IC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
100	0.0	100.0	0.0		
80	8.5	91.5	13.1		
56	10.0	81.5	15.4		
40	9.6	71.9	14.8		
28	11.3	60.7	17.4		
20	6.7	53.9	10.3		
14	6.7	47.3	10.3		
10	5.0	42.3	7.7		
5	7.2	35.1	11.1		
2.50	5.1	30.0		14.5	
1.25	5.5	24.5		15.6	
0.630	6.5	18.0		18.6	
0.315	6.5	11.5		18.5	
0.160	6.6	4.9		18.9	
0.080	1.0	3.8		3.0	
PAN	3.8	0		10.9	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.47

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

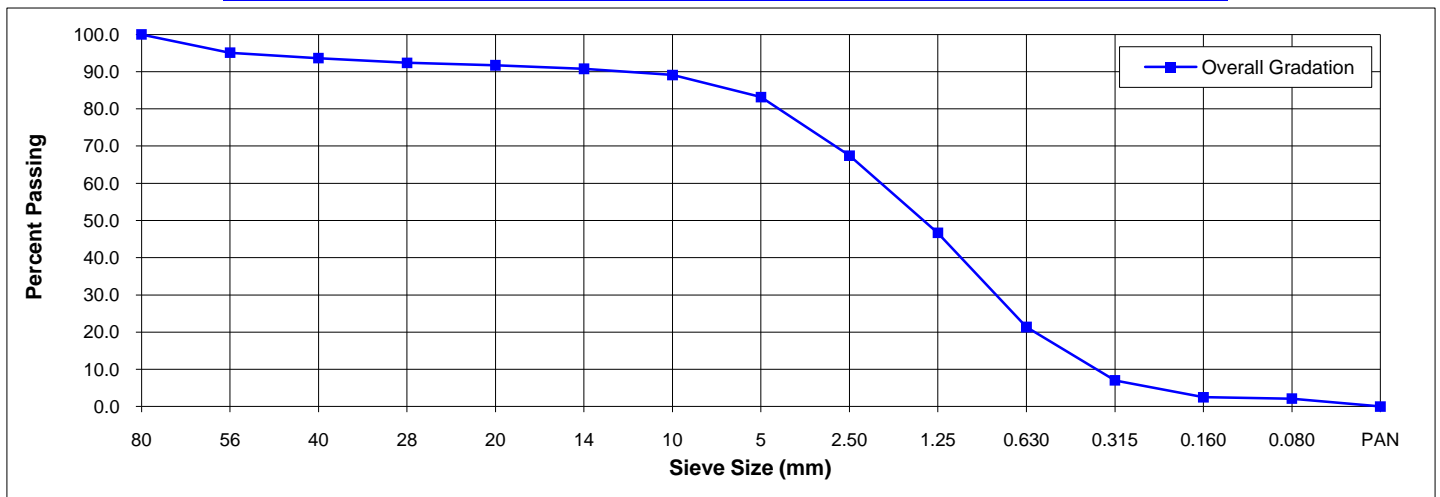
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>60 - 64</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 19, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/IC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	4.9	95.1	29.1		
40	1.5	93.6	8.8		
28	1.2	92.4	7.4		
20	0.7	91.7	3.9		
14	1.0	90.8	5.7		
10	1.7	89.1	9.8		
5	5.9	83.2	35.3		
2.50	15.7	67.4		18.9	
1.25	20.8	46.7		25.0	
0.630	25.3	21.4		30.4	
0.315	14.4	7.0		17.3	
0.160	4.5	2.5		5.4	
0.080	0.4	2.1		0.4	
PAN	2.1	0		2.5	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.26

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

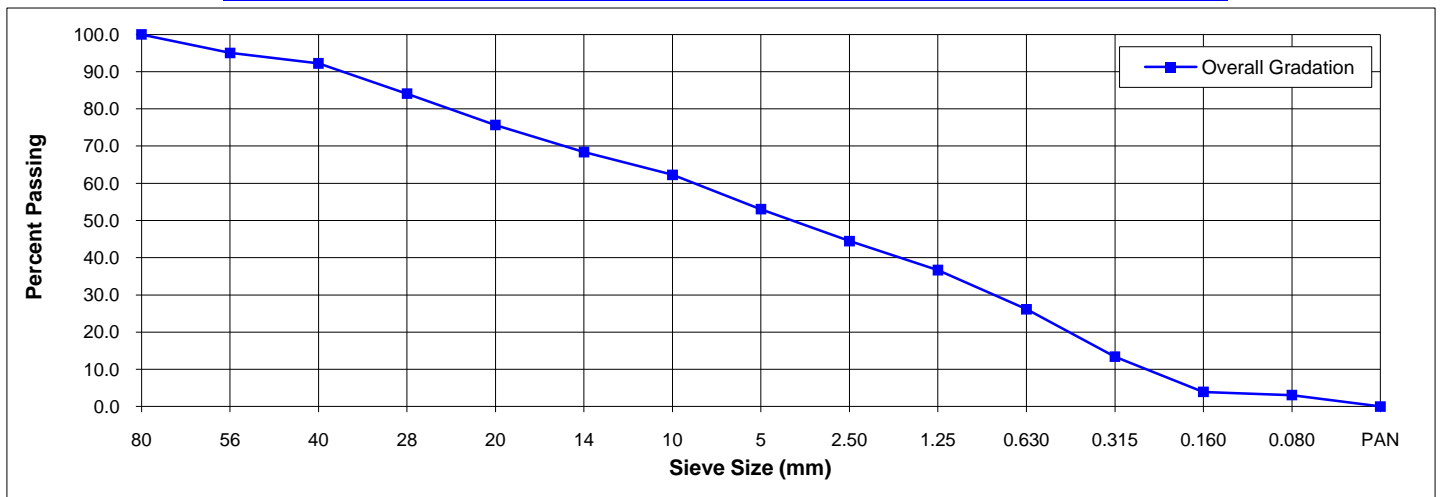
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>70 - 74</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 19, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	5.0	95.0	10.6		
40	2.8	92.2	6.0		
28	8.1	84.1	17.3		
20	8.4	75.7	18.0		
14	7.3	68.4	15.4		
10	6.1	62.3	13.1		
5	9.2	53.0	19.6		
2.50	8.6	44.5		16.2	
1.25	7.8	36.7		14.7	
0.630	10.5	26.1		19.8	
0.315	12.8	13.4		24.0	
0.160	9.5	3.9		17.9	
0.080	0.9	3.1		1.6	
PAN	3.1	0		5.8	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.65

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



Notice: The test data given herein pertain to the sample provided, and may not be applicable to material from other zones/depths. This report constitutes a testing service only. Interpretation of the data given here may be provided upon request.

BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

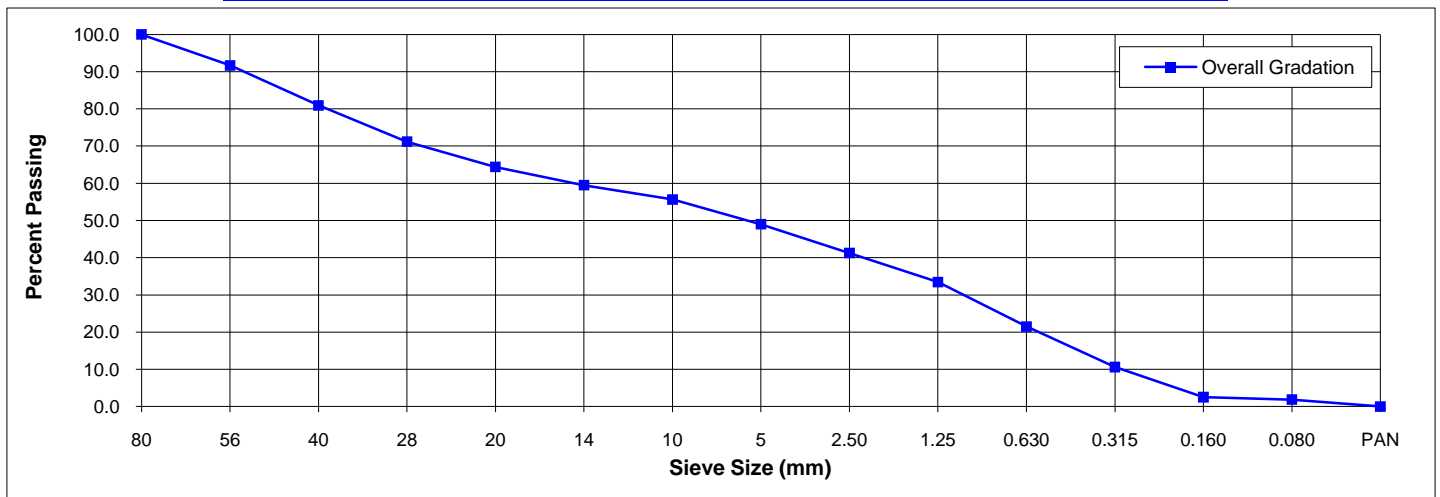
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>75 - 79</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 22, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	8.3	91.7	16.3		
40	10.8	80.9	21.1		
28	9.7	71.2	19.1		
20	6.8	64.4	13.3		
14	4.9	59.5	9.6		
10	3.9	55.6	7.6		
5	6.6	49.0	13.0		
2.50	7.7	41.3		15.8	
1.25	7.8	33.5		15.9	
0.630	11.9	21.5		24.4	
0.315	10.9	10.6		22.2	
0.160	8.1	2.5		16.5	
0.080	0.7	1.9		1.3	
PAN	1.8	0		3.7	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.77

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

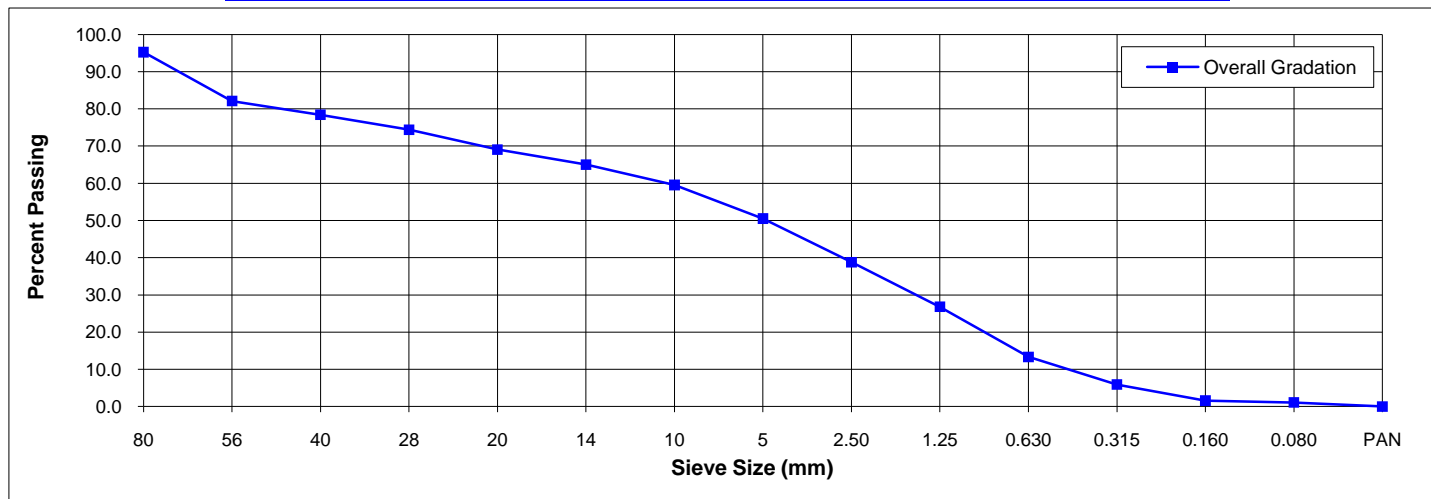
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>80 - 84</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 19, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	4.8	95.2	9.6		
56	13.1	82.1	26.5		
40	3.7	78.4	7.5		
28	4.0	74.4	8.1		
20	5.3	69.1	10.8		
14	4.1	65.0	8.2		
10	5.5	59.5	11.0		
5	9.0	50.5	18.2		
2.50	11.7	38.8		23.2	
1.25	12.0	26.8		23.7	
0.630	13.5	13.3		26.7	
0.315	7.4	5.9		14.7	
0.160	4.3	1.6		8.6	
0.080	0.5	1.1		1.0	
PAN	1.1	0		2.1	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.29

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

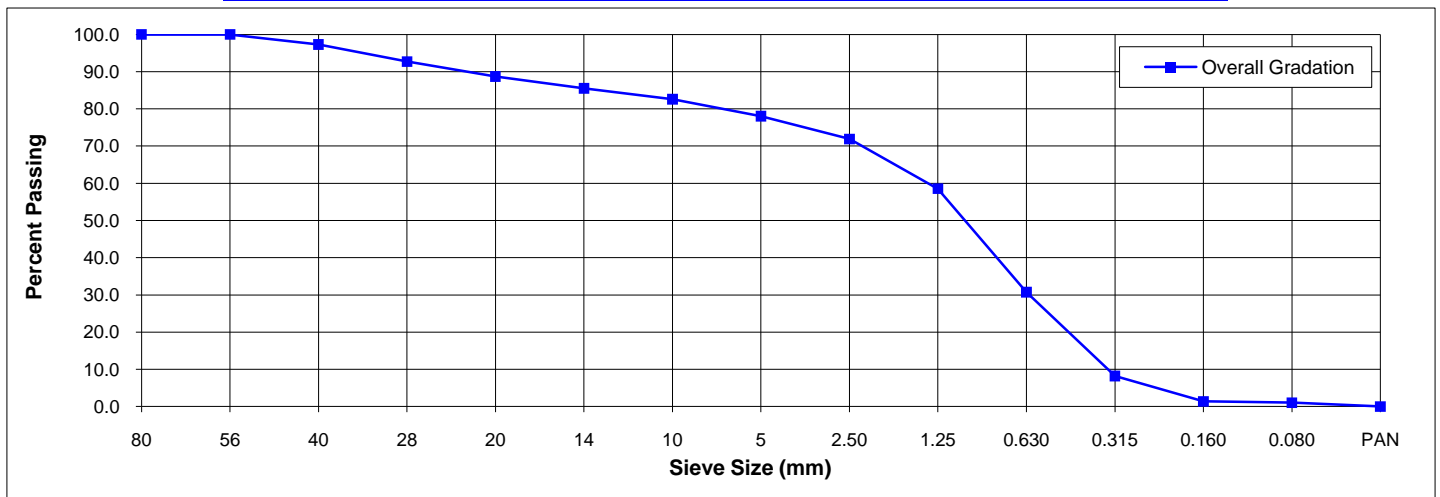
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>85 - 89</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 19, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	0.0	100.0	0.0		
40	2.7	97.3	12.3		
28	4.6	92.7	20.9		
20	4.0	88.7	18.3		
14	3.2	85.5	14.6		
10	2.9	82.6	13.3		
5	4.6	78.0	20.7		
2.50	6.1	71.9		7.9	
1.25	13.4	58.5		17.1	
0.630	27.8	30.7		35.7	
0.315	22.5	8.2		28.9	
0.160	6.8	1.4		8.8	
0.080	0.3	1.0		0.4	
PAN	1.0	0		1.3	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.81

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

July 16, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

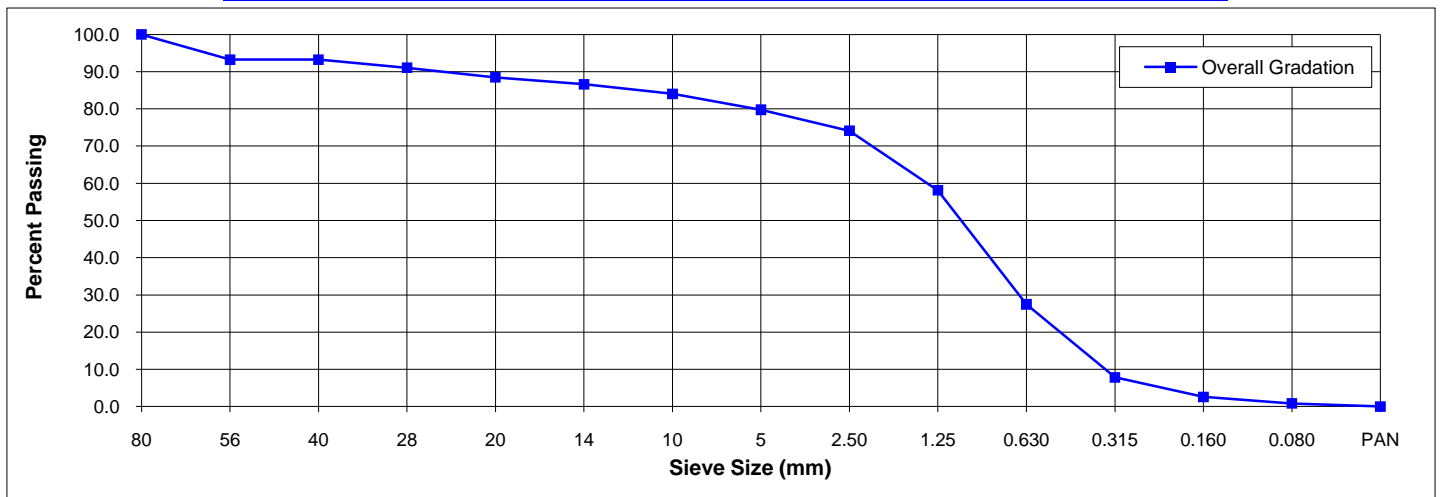
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>90 - 94</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: July 25, 2010

SAMPLED BY: BH/AB  
TESTED BY: IC/DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	6.8	93.2	33.5		
40	0.0	93.2	0.0		
28	2.2	91.1	10.7		
20	2.6	88.5	12.8		
14	1.9	86.6	9.2		
10	2.6	84.0	12.8		
5	4.2	79.8	21.0		
2.50	5.7	74.1		7.1	
1.25	16.0	58.1		20.1	
0.630	30.6	27.5		38.4	
0.315	19.7	7.8		24.6	
0.160	5.2	2.6		6.5	
0.080	1.8	0.8		2.2	
PAN	0.8	0		1.0	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.87

Reported by: I. Chung

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

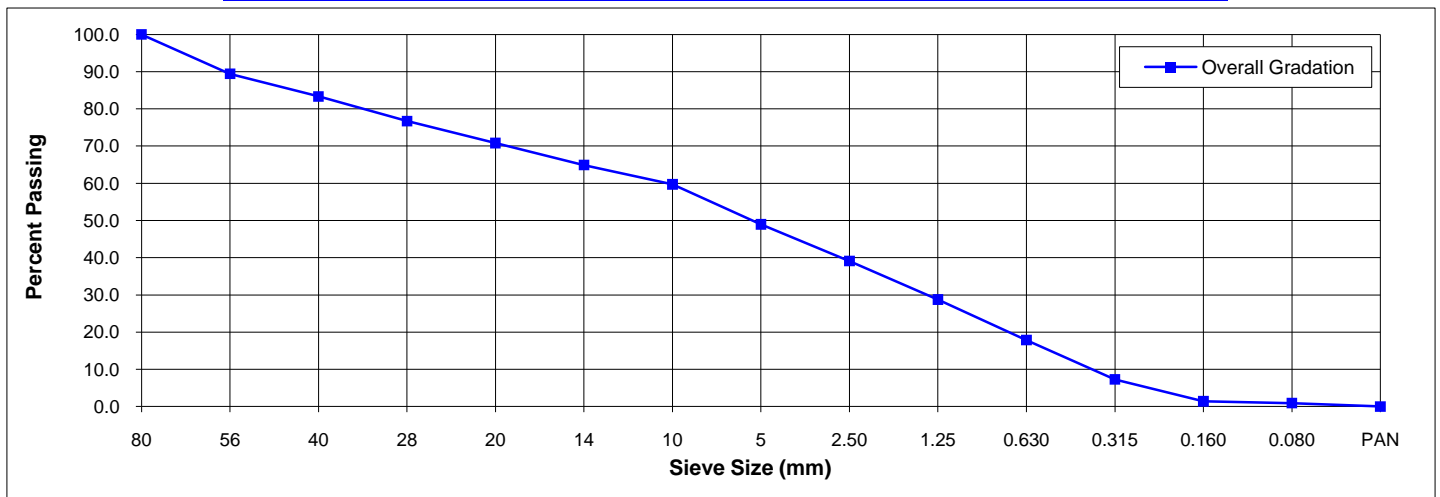
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>95 - 99</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 17, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/IC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	10.6	89.4	20.7		
40	6.1	83.3	11.9		
28	6.6	76.7	13.0		
20	5.9	70.8	11.6		
14	5.9	64.9	11.6		
10	5.2	59.7	10.1		
5	10.7	49.0	21.1		
2.50	9.9	39.1		20.2	
1.25	10.4	28.8		21.1	
0.630	10.9	17.9		22.2	
0.315	10.6	7.3		21.6	
0.160	5.9	1.4		12.0	
0.080	0.5	0.9		1.0	
PAN	0.9	0		1.8	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.07

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

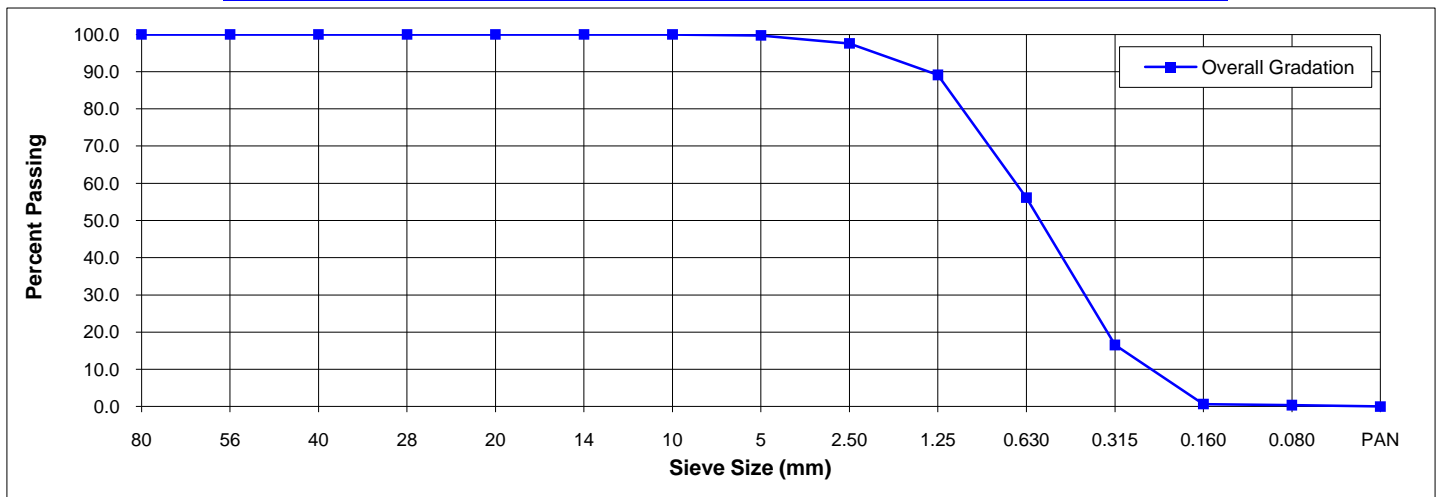
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>100' (Sand Heave)</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 22, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	0.0	100.0	0.0		
40	0.0	100.0	0.0		
28	0.0	100.0	0.0		
20	0.0	100.0	0.0		
14	0.0	100.0	0.0		
10	0.0	100.0	0.0		
5	0.3	99.7	100.0		
2.50	2.1	97.6		2.2	
1.25	8.4	89.1		8.5	
0.630	33.0	56.1		33.1	
0.315	39.6	16.5		39.7	
0.160	15.9	0.6		15.9	
0.080	0.3	0.4		0.3	
PAN	0.4	0		0.4	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.39

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

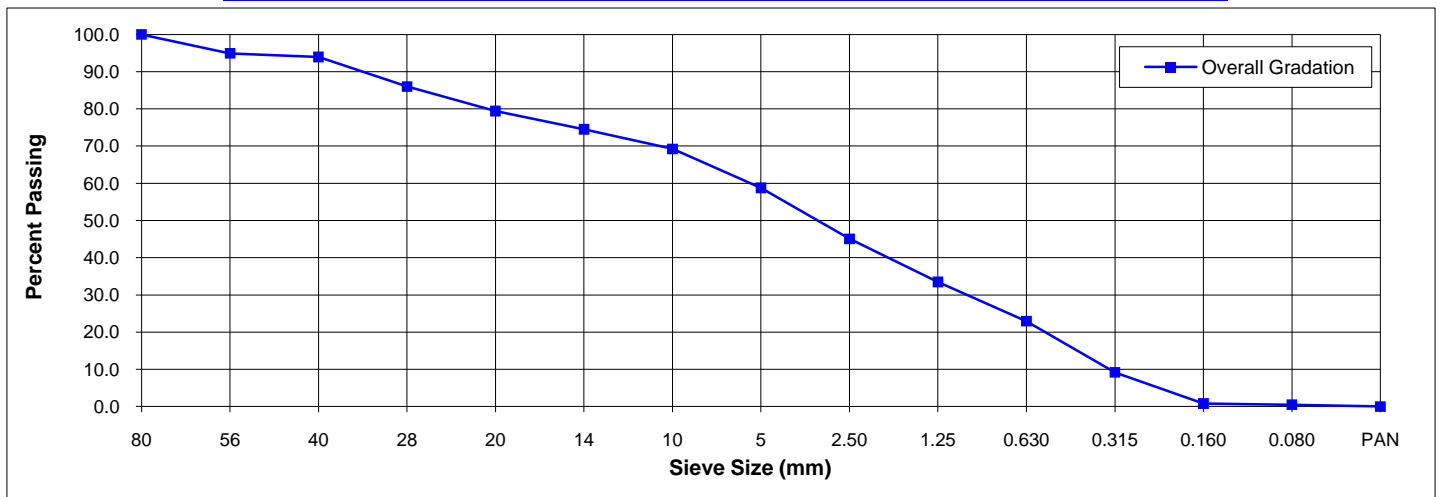
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>100 - 102</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 19, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	5.1	94.9	12.3		
40	1.0	93.9	2.4		
28	7.9	86.0	19.2		
20	6.6	79.4	16.0		
14	4.9	74.5	11.9		
10	5.3	69.2	12.7		
5	10.5	58.8	25.4		
2.50	13.7	45.1		23.3	
1.25	11.6	33.5		19.7	
0.630	10.6	22.9		18.0	
0.315	13.8	9.2		23.4	
0.160	8.4	0.8		14.2	
0.080	0.3	0.5		0.5	
PAN	0.5	0		0.8	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 3.10

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

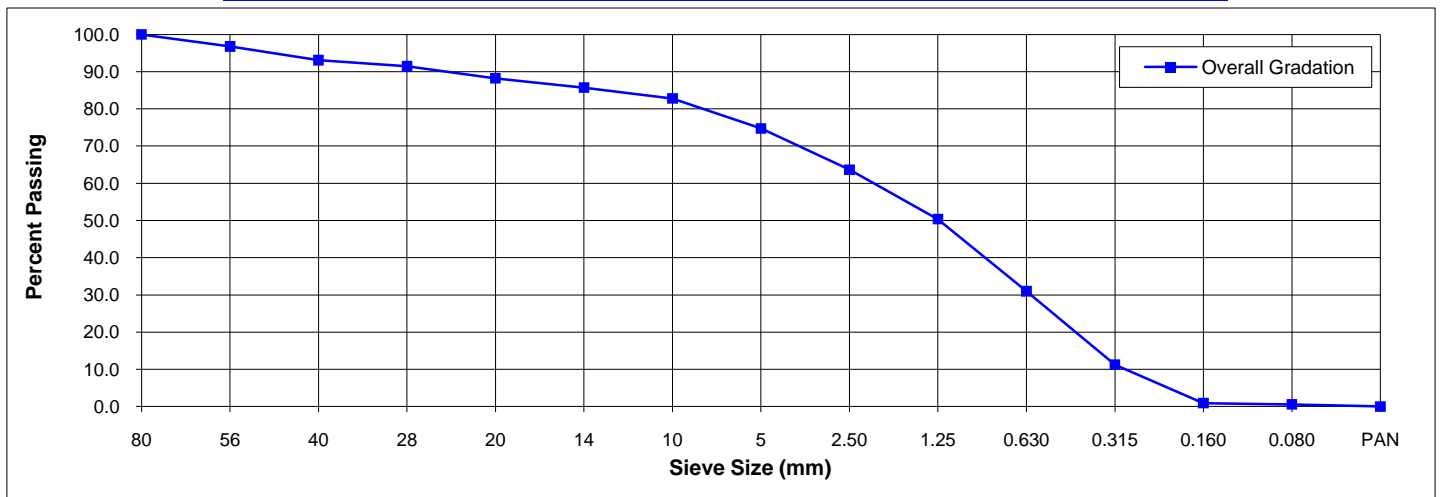
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>100 - 104</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 19, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/VN

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	3.2	96.8	12.7		
40	3.7	93.1	14.7		
28	1.6	91.5	6.4		
20	3.2	88.2	12.8		
14	2.5	85.7	9.9		
10	2.9	82.8	11.5		
5	8.1	74.7	31.9		
2.50	11.1	63.6		14.8	
1.25	13.3	50.4		17.7	
0.630	19.4	31.0		25.9	
0.315	19.8	11.2		26.5	
0.160	10.3	0.9		13.8	
0.080	0.4	0.6		0.5	
PAN	0.6	0		0.8	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.90

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., V2T 3J6

November 23, 2010  
Project number: 09-1416-0004/4000

ATTENTION: Mr. Derek Holmes, Operations Manager

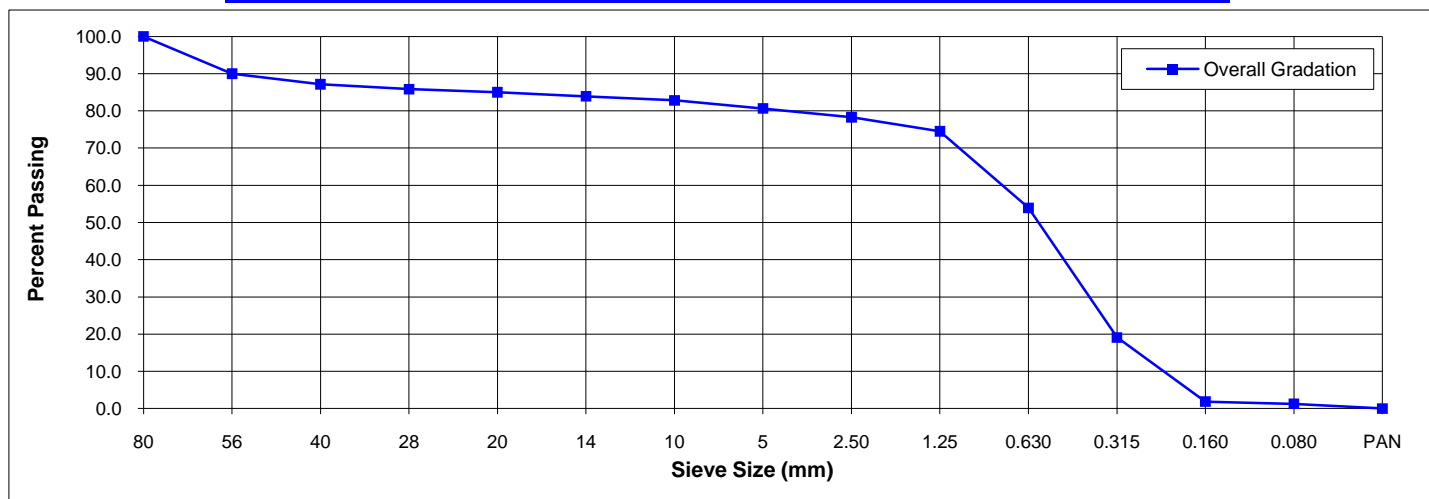
PROJECT: McNab Creek - Becker Drilling

<b>Drill Hole</b>	<b>DH10 - 07</b>
<b>Depth Range (ft)</b>	<b>105 - 109</b>

DATE SAMPLED: June 15 - 20, 2010  
DATE TESTED: November 22, 2010

SAMPLED BY: BH/AB  
TESTED BY: DC/IC

SIEVE ANALYSIS					MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		
			+ 5	- 5	
80	0.0	100.0	0.0		
56	10.0	90.0	51.7		
40	2.9	87.1	14.7		
28	1.3	85.8	6.7		
20	0.8	85.0	4.4		
14	1.1	83.9	5.6		
10	1.1	82.8	5.6		
5	2.2	80.6	11.3		
2.50	2.4	78.3		2.9	
1.25	3.8	74.5		4.7	
0.630	20.6	53.9		25.5	
0.315	34.8	19.1		43.2	
0.160	17.2	1.9		21.4	
0.080	0.6	1.3		0.8	
PAN	1.2	0		1.5	
Total	100.0		100.0	100.0	



Remarks: Fineness Modulus of - 5 mm portion: 2.18

Reported by: D.Clemente

Reviewed by: \_\_\_\_\_  
B. Hudson, B. Sc., GIT



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BURNCO Rock Products Ltd.  
 1A, 2760 Emerson Street  
 Abbotsford, B.C., Canada  
 V2T 3J6

June 10, 2009  
 Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-1 Sa. 1, Depth: 2.5-4.0m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 28, 2009

SAMPLED BY: BH/FHS/DH(Client)

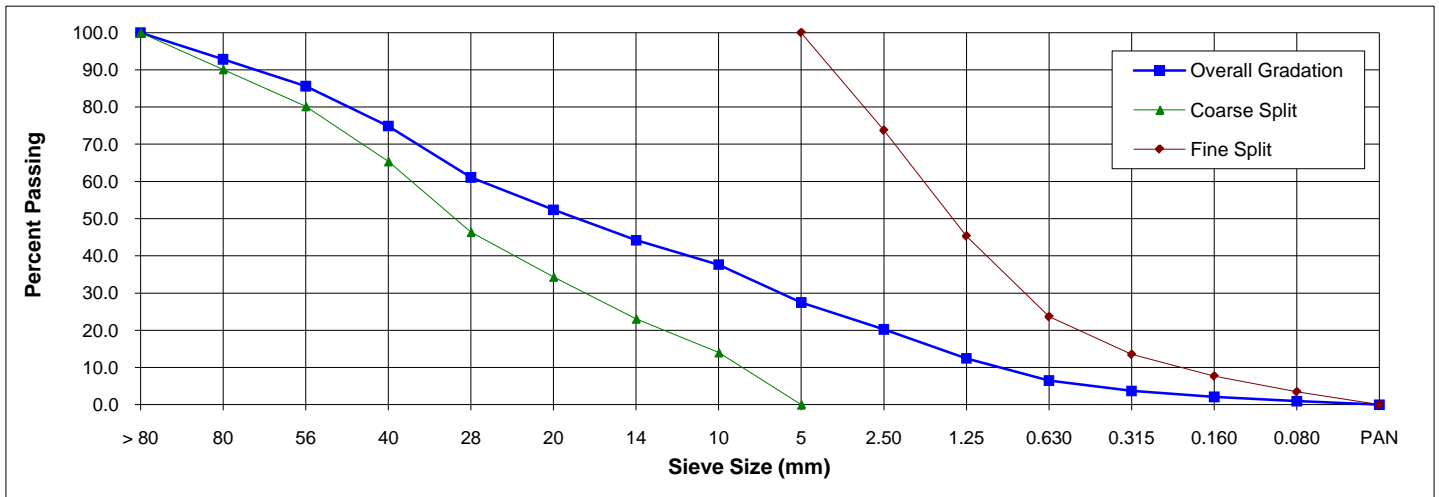
DATE TESTED: June 8-10, 2009

TESTED BY: TD/DC

LOCATION (NAD-83 UTM 10N): 5490436N 471406E

ALTITUDE (NAD-83): 5 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	7.2	92.8	9.9		90.1		
56	7.2	85.6	9.9		80.2		
40	10.7	74.9	14.8		65.4		
28	13.8	61.1	19.0		46.4		
20	8.7	52.4	12.0		34.3		
14	8.2	44.2	11.2		23.1		
10	6.6	37.6	9.1		14.0		
5	10.2	27.5	14.0		0.0	100.0	
2.50	7.2	20.2		26.3		73.7	
1.25	7.8	12.4		28.4		45.3	
0.630	5.9	6.5		21.6		23.7	
0.315	2.8	3.7		10.2		13.5	
0.160	1.6	2.1		5.8		7.7	
0.080	1.2	1.0		4.2		3.5	
PAN	1.0	0.0		3.5		0.0	
Total	100.0		100.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 3.36  
 % finer than 80 µm of the +5 mm portion: 0.08

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
 F. Shrimmer, P. Geo.



Notice: The test data given herein pertain to the sample provided, and may not be applicable to material from other zones/depths. This report constitutes a testing service only. Interpretation of the data given here may be provided upon request.



BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 10, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-2 Sa. 1, Depth: 3.0-3.5 m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 28, 2009

SAMPLED BY: BH/FHS/DH(Client)

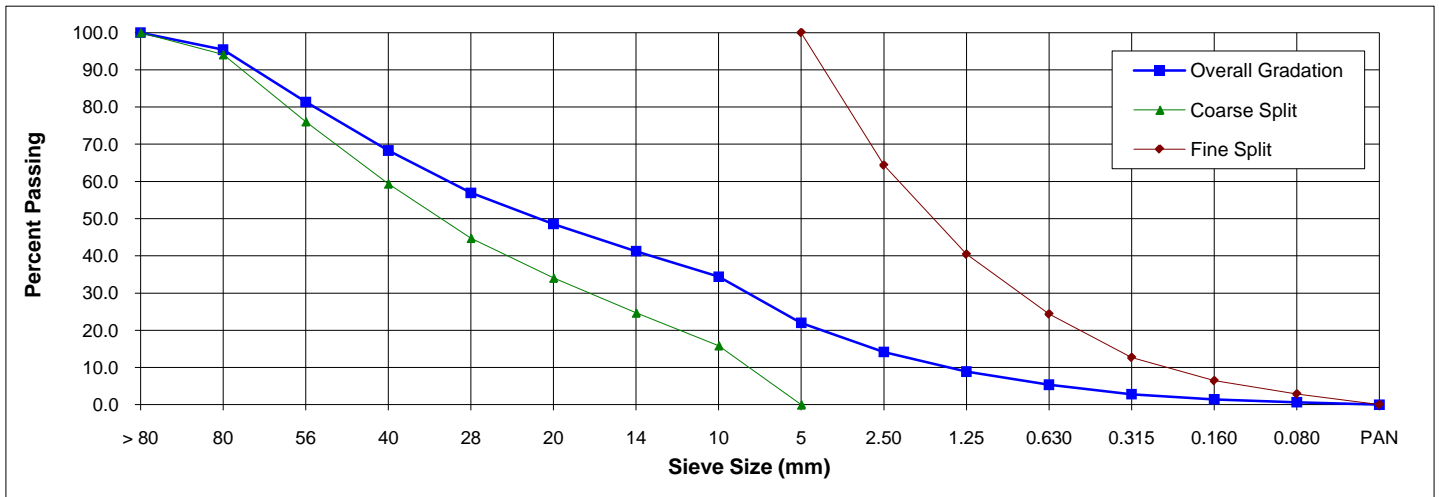
DATE TESTED: June 8-10, 2009

TESTED BY: TD/DC

LOCATION (NAD-83 UTM 10N): 5490409N 471518E

ALTITUDE (NAD-83): 7 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	4.6	95.4	5.9		94.1		
56	14.1	81.4	18.0		76.1		
40	13.0	68.3	16.7		59.4		
28	11.4	56.9	14.6		44.8		
20	8.4	48.6	10.7		34.1		
14	7.3	41.3	9.4		24.7		
10	6.9	34.4	8.8		15.9		
5	12.4	22.0	15.9		0.0	100.0	
2.50	7.8	14.2		35.6		64.4	
1.25	5.3	8.9		23.9		40.4	
0.630	3.5	5.4		16.0		24.4	
0.315	2.6	2.8		11.7		12.7	
0.160	1.4	1.4		6.2		6.4	
0.080	0.8	0.7		3.6		2.9	
PAN	0.6	0.0		2.9		0.0	
Total	100.0		100.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 3.52  
% finer than 80 µm of the +5 mm portion: 0.06

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
F. Shrimmer, P. Geo.



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 10, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-2 Sa. 2, Depth: 4.3 m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 28, 2009

SAMPLED BY: BH/FHS/DH(Client)

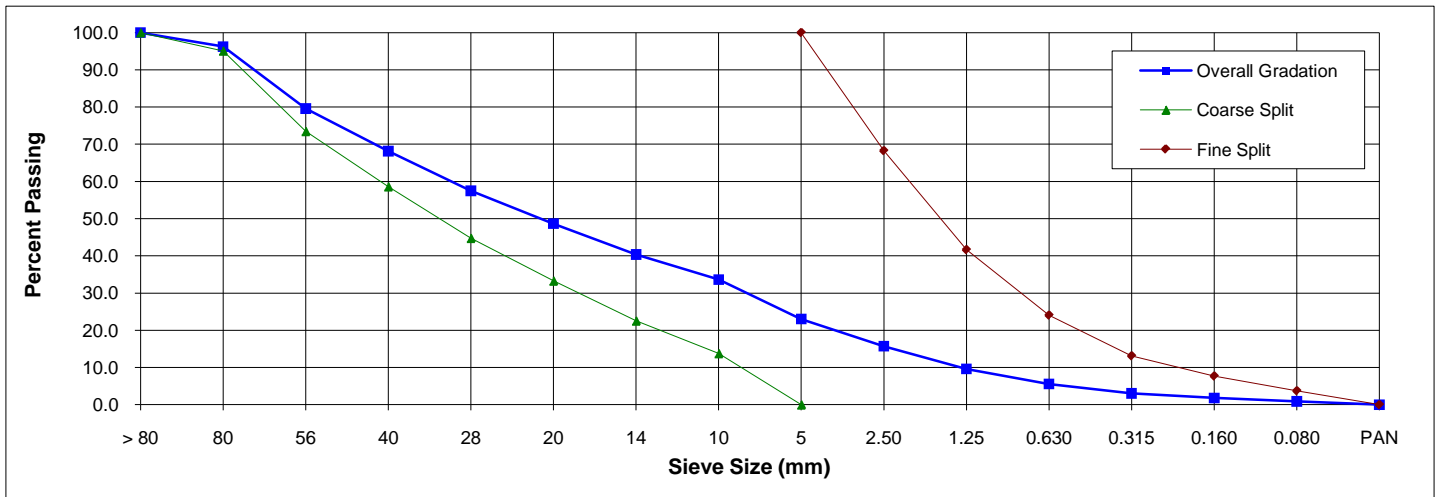
DATE TESTED: June 8-10, 2009

TESTED BY: DC

LOCATION (NAD-83 UTM 10N): 5490409N 471518E

ALTITUDE (NAD-83): 7 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	3.8	96.2	4.9		95.1		
56	16.6	79.6	21.6		73.5		
40	11.4	68.1	14.9		58.6		
28	10.7	57.5	13.9		44.8		
20	8.8	48.6	11.5		33.3		
14	8.3	40.4	10.7		22.5		
10	6.7	33.6	8.8		13.8		
5	10.6	23.0	13.8		0.0	100.0	
2.50	7.3	15.7		31.7		68.3	
1.25	6.1	9.6		26.6		41.7	
0.630	4.0	5.6		17.6		24.1	
0.315	2.5	3.0		10.9		13.1	
0.160	1.2	1.8		5.4		7.7	
0.080	0.9	0.9		4.0		3.7	
PAN	0.9	0.0		3.7		0.0	
Total	100.0		100.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 3.45  
% finer than 80 µm of the +5 mm portion: 0.08

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
F. Shrimmer, P. Geo.



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 10, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-3 Sa. 1, Depth: 3.7 m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 28, 2009

SAMPLED BY: BH/FHS/DH(Client)

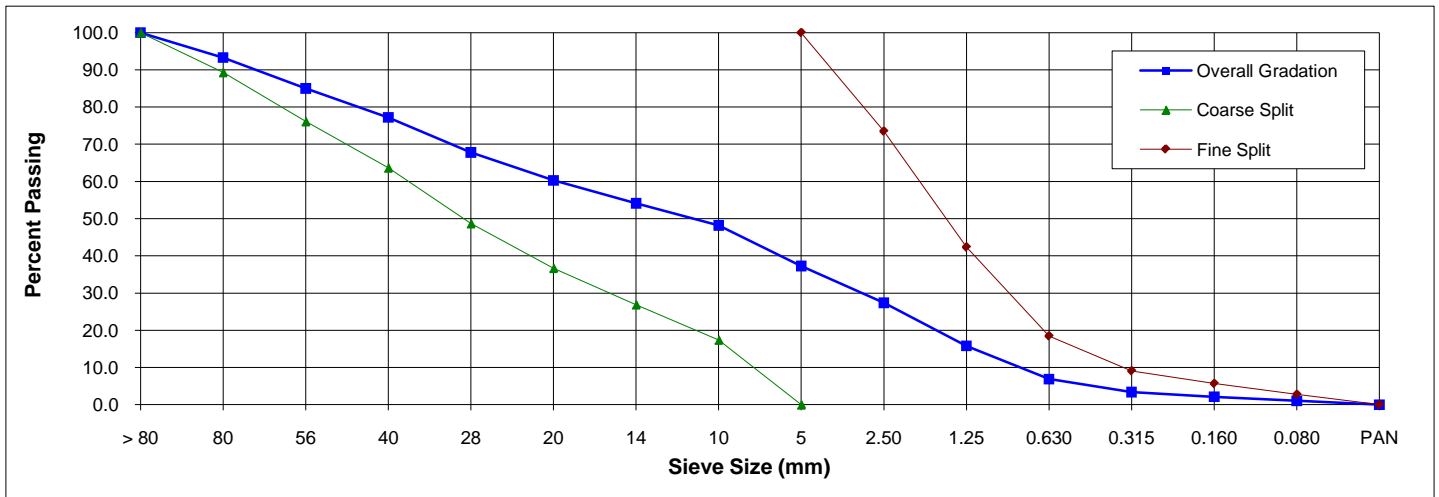
DATE TESTED: June 8-10, 2009

TESTED BY: DC/IC

LOCATION (NAD-83 UTM 10N): 5490267N 471471E

ALTITUDE (NAD-83): -2 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	6.7	93.3	10.7		89.3		
56	8.3	85.0	13.2		76.1		
40	7.8	77.2	12.4		63.7		
28	9.4	67.8	15.0		48.7		
20	7.5	60.3	12.0		36.7		
14	6.1	54.1	9.8		26.9		
10	6.0	48.2	9.5		17.4		
5	10.9	37.3	17.4		0.0	100.0	
2.50	9.9	27.4		26.5		73.5	
1.25	11.6	15.8		31.1		42.4	
0.630	8.9	6.9		23.9		18.5	
0.315	3.5	3.4		9.4		9.1	
0.160	1.3	2.1		3.4		5.7	
0.080	1.1	1.0		2.9		2.8	
PAN	1.0	0.0		2.8		0.0	
Total	100.0		100.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 3.51  
% finer than 80 µm of the +5 mm portion: 0.08

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
F. Shrimmer, P. Geo.



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 15, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-4 Sa. 1, Depth: 3.8 m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 29, 2009

SAMPLED BY: BH/AB/DH(Client)

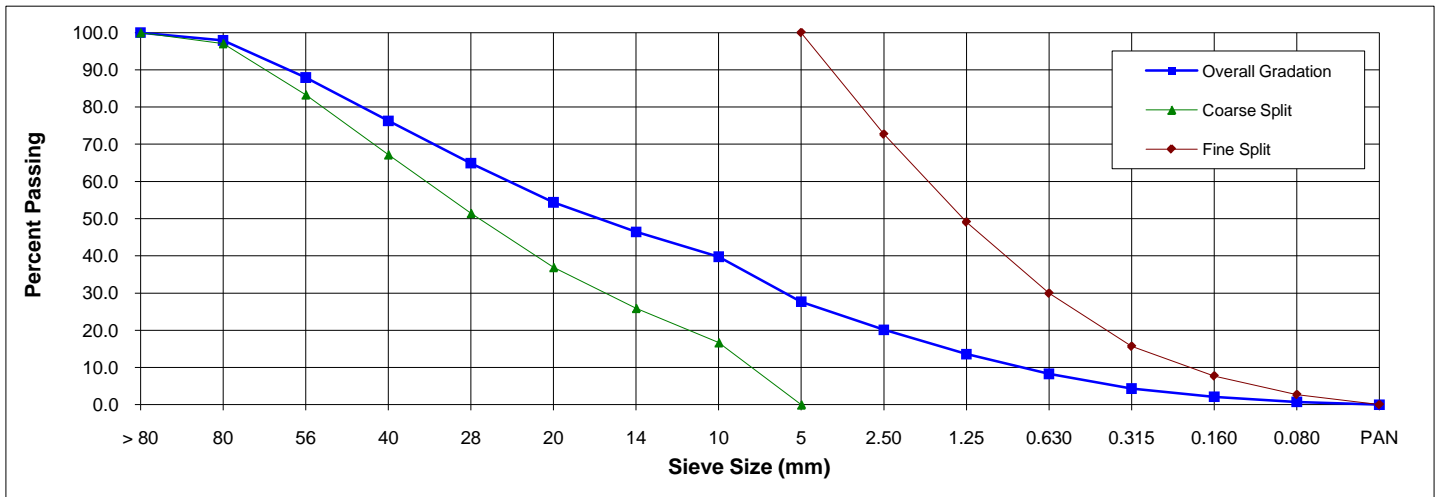
DATE TESTED: June 10-15, 2009

TESTED BY: DC/PC

LOCATION (NAD-83 UTM 10N): 5490309N 471804E

ALTITUDE (NAD-83): -5 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	2.1	97.9	2.9		97.1		
56	10.0	87.9	13.8		83.3		
40	11.7	76.3	16.1		67.2		
28	11.4	64.9	15.7		51.5		
20	10.5	54.4	14.5		36.9		
14	7.9	46.4	11.0		25.9		
10	6.7	39.8	9.2		16.7		
5	12.1	27.7	16.7		0.0	100.0	
2.50	7.6	20.1		27.3		72.7	
1.25	6.5	13.6		23.6		49.1	
0.630	5.3	8.3		19.1		29.9	
0.315	4.0	4.3		14.3		15.7	
0.160	2.2	2.1		7.9		7.7	
0.080	1.4	0.8		5.0		2.7	
PAN	0.8	0.0		2.7		0.0	
<b>Total</b>	<b>100.0</b>		<b>100.0</b>	<b>100.0</b>			



Remarks: Fineness Modulus of -5 mm portion: 3.25  
% finer than 80 µm of the +5 mm portion: 0.11

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
F. Shrimmer, P. Geo.



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 15, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-5 Sa. 1, Depth: 1.0-1.5 m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 29, 2009

SAMPLED BY: BH/AB/DH(Client)

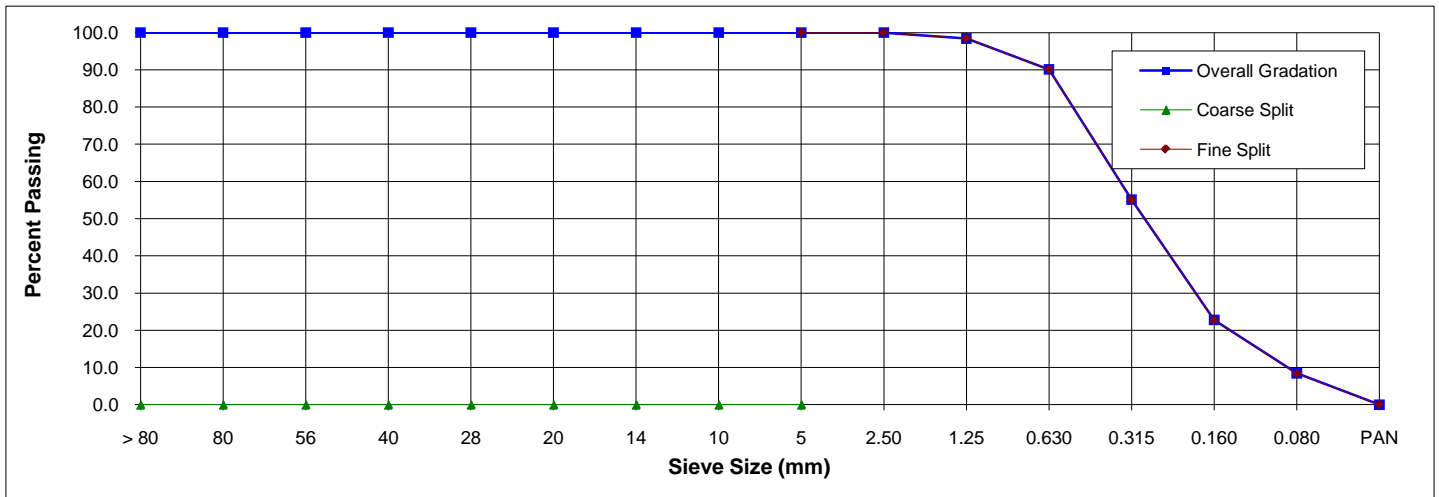
DATE TESTED: June 10-15, 2009

TESTED BY: DC/DT

LOCATION (NAD-83 UTM 10N): 5490451N 472043E

ALTITUDE (NAD-83): 5 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	-	-	-	-	
80	0.0	100.0	-	-	-	-	
56	0.0	100.0	-	-	-	-	
40	0.0	100.0	-	-	-	-	
28	0.0	100.0	-	-	-	-	
20	0.0	100.0	-	-	-	-	
14	0.0	100.0	-	-	-	-	
10	0.0	100.0	-	-	-	-	
5	0.0	100.0	-	-	-	100.0	
2.50	0.0	100.0		0.0		100.0	
1.25	1.6	98.4		1.6		98.4	
0.630	8.3	90.1		8.3		90.1	
0.315	35.0	55.1		35.1		55.0	
0.160	32.3	22.8		32.4		22.7	
0.080	14.3	8.5		14.3		8.4	
PAN	8.3	0.0		8.4		0.0	
Total	99.9		0.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 1.34  
% finer than 80 µm of the +5 mm portion: -

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
F. Shrimmer, P. Geo.



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 15, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-5 Sa. 2, Depth: 1.9 m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 29, 2009

SAMPLED BY: BH/AB/DH(Client)

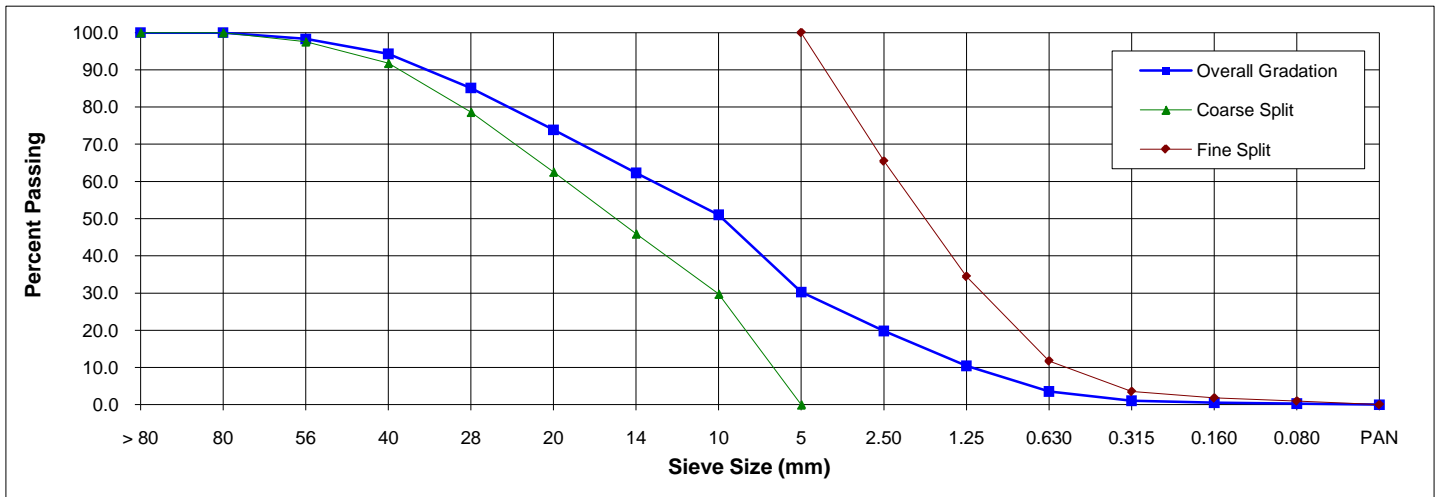
DATE TESTED: June 10-15, 2009

TESTED BY: DC/DT

LOCATION (NAD-83 UTM 10N): 5490451N 472043E

ALTITUDE (NAD-83): 5 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	0.0	100.0	0.0		100.0		
56	1.7	98.3	2.4		97.6		
40	4.0	94.3	5.8		91.8		
28	9.2	85.1	13.2		78.6		
20	11.2	73.9	16.1		62.5		
14	11.6	62.3	16.6		45.9		
10	11.3	51.0	16.2		29.7		
5	20.7	30.3	29.7		0.0	100.0	
2.50	10.5	19.8		34.6		65.4	
1.25	9.4	10.4		31.0		34.4	
0.630	6.9	3.6		22.7		11.8	
0.315	2.5	1.1		8.2		3.5	
0.160	0.5	0.6		1.7		1.8	
0.080	0.2	0.3		0.8		1.0	
PAN	0.3	0.0		1.0		0.0	
Total	100.0		100.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 3.83  
% finer than 80 µm of the +5 mm portion: 0.09

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
F. Shrimmer, P. Geo.



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 15, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-5 Sa. 3, Depth: 3.5-4.0 m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 29, 2009

SAMPLED BY: BH/AB/DH(Client)

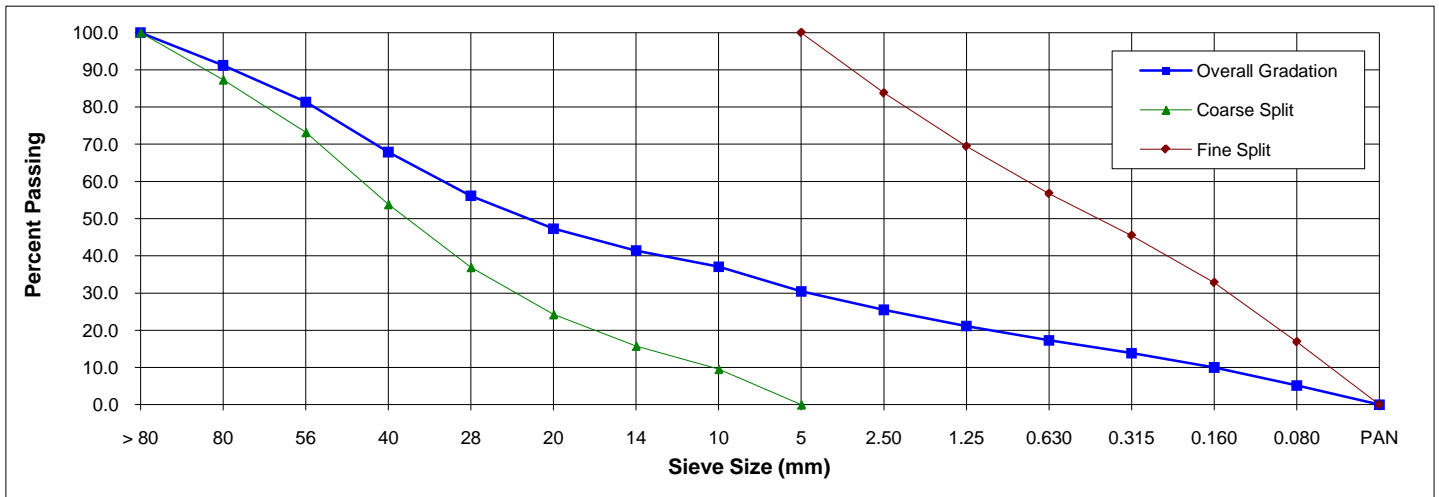
DATE TESTED: June 10-15, 2009

TESTED BY: DC/DT

LOCATION (NAD-83 UTM 10N): 5490451N 472043E

ALTITUDE (NAD-83): 5 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	8.8	91.2	12.7		87.3		
56	9.8	81.4	14.1		73.2		
40	13.5	67.9	19.3		53.8		
28	11.8	56.1	16.9		36.9		
20	8.8	47.3	12.7		24.3		
14	5.9	41.4	8.5		15.8		
10	4.3	37.1	6.2		9.6		
5	6.6	30.4	9.6		0.0	100.0	
2.50	4.9	25.5		16.2		83.8	
1.25	4.4	21.1		14.4		69.4	
0.630	3.8	17.3		12.7		56.7	
0.315	3.4	13.8		11.3		45.5	
0.160	3.8	10.0		12.7		32.8	
0.080	4.8	5.2		15.9		16.9	
PAN	5.1	0.0		16.9		0.0	
Total	100.0		100.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 2.12  
% finer than 80 µm of the +5 mm portion: 0.07

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
F. Shrimmer, P. Geo.



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 15, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-6 Sa. 1, Depth: 0.8-1.2 m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 29, 2009

SAMPLED BY: BH/AB/DH(Client)

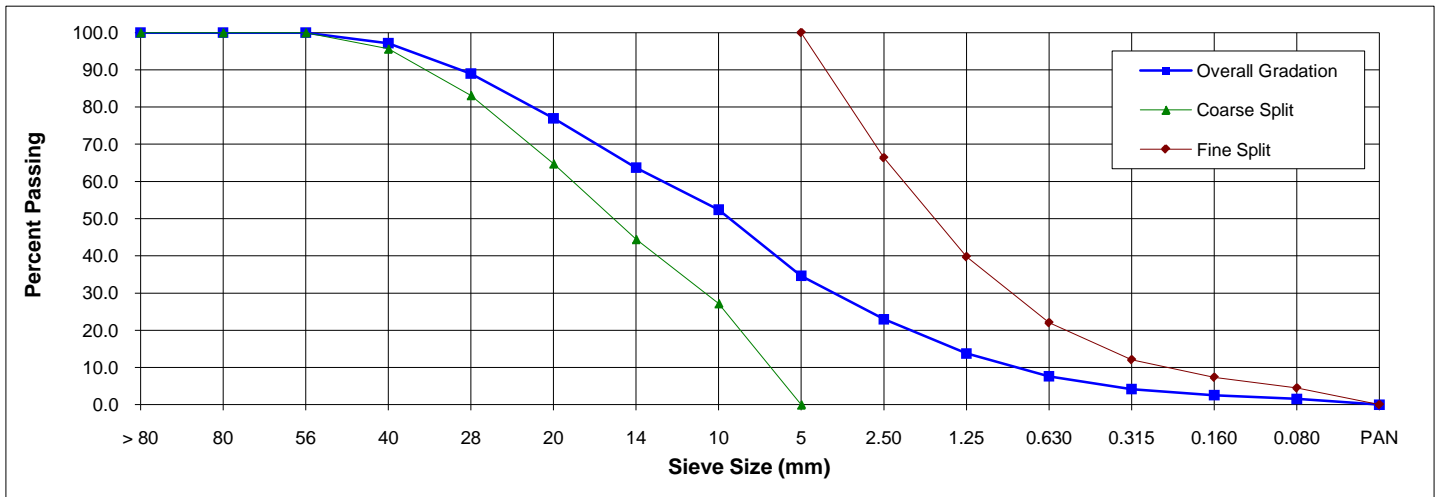
DATE TESTED: June 10-15, 2009

TESTED BY: IC

LOCATION (NAD-83 UTM 10N): 5490487N 471933E

ALTITUDE (NAD-83): -4 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	0.0	100.0	0.0		100.0		
56	0.0	100.0	0.0		100.0		
40	2.9	97.1	4.4		95.6		
28	8.2	89.0	12.5		83.1		
20	12.0	77.0	18.4		64.8		
14	13.3	63.7	20.3		44.5		
10	11.3	52.4	17.2		27.2		
5	17.8	34.6	27.2		0.0	100.0	
2.50	11.7	23.0		33.6		66.4	
1.25	9.2	13.8		26.6		39.8	
0.630	6.1	7.6		17.7		22.0	
0.315	3.4	4.2		9.9		12.1	
0.160	1.6	2.5		4.7		7.4	
0.080	1.0	1.5		2.9		4.5	
PAN	1.6	0.0		4.5		0.0	
Total	100.0		100.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 3.52  
% finer than 80 µm of the +5 mm portion: 0.09

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
F. Shrimmer, P. Geo.



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 15, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-6 Sa. 2, Depth: 4.4 m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 29, 2009

SAMPLED BY: BH/AB/DH(Client)

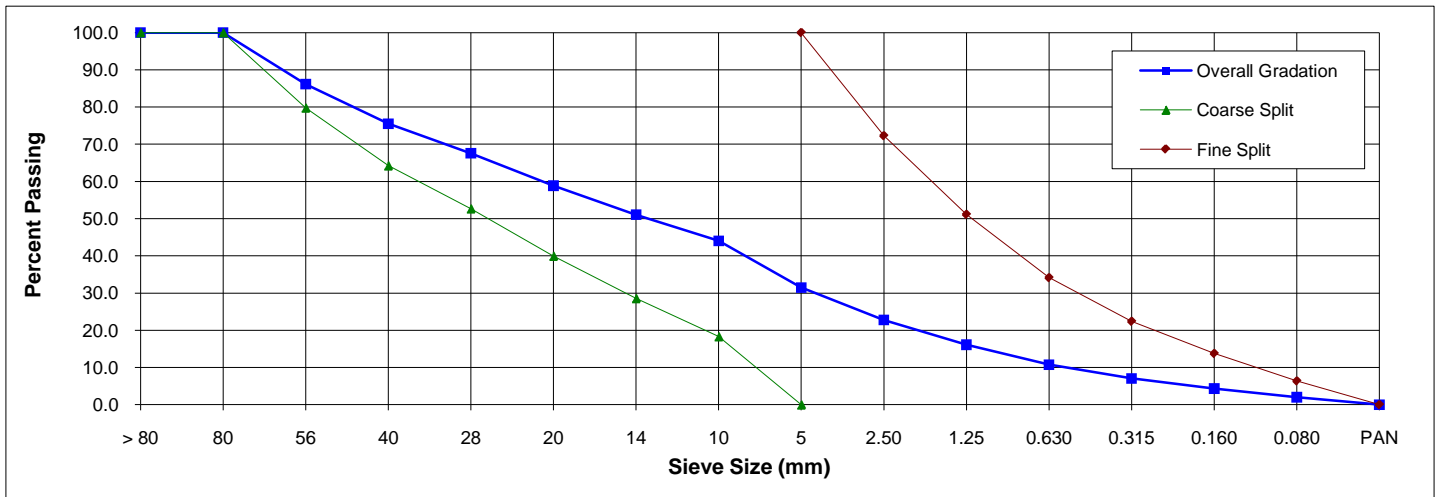
DATE TESTED: June 10-15, 2009

TESTED BY: IC/DC

LOCATION (NAD-83 UTM 10N): 5490487N 471933E

ALTITUDE (NAD-83): -4 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	0.0	100.0	0.0		100.0		
56	13.9	86.1	20.2		79.8		
40	10.6	75.5	15.5		64.2		
28	7.9	67.6	11.6		52.7		
20	8.7	58.9	12.7		40.0		
14	7.8	51.1	11.4		28.6		
10	7.0	44.0	10.3		18.3		
5	12.6	31.5	18.3		0.0	100.0	
2.50	8.7	22.8		27.7		72.3	
1.25	6.7	16.1		21.2		51.1	
0.630	5.3	10.8		17.0		34.1	
0.315	3.7	7.1		11.7		22.4	
0.160	2.7	4.3		8.6		13.8	
0.080	2.3	2.0		7.4		6.4	
PAN	2.0	0.0		6.4		0.0	
Total	100.0		100.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 3.06  
% finer than 80 µm of the +5 mm portion: 0.09

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
F. Shrimmer, P. Geo.



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 16, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-7 Sa. 1, Depth: 3.7m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 29, 2009

SAMPLED BY: BH/AB/DH(Client)

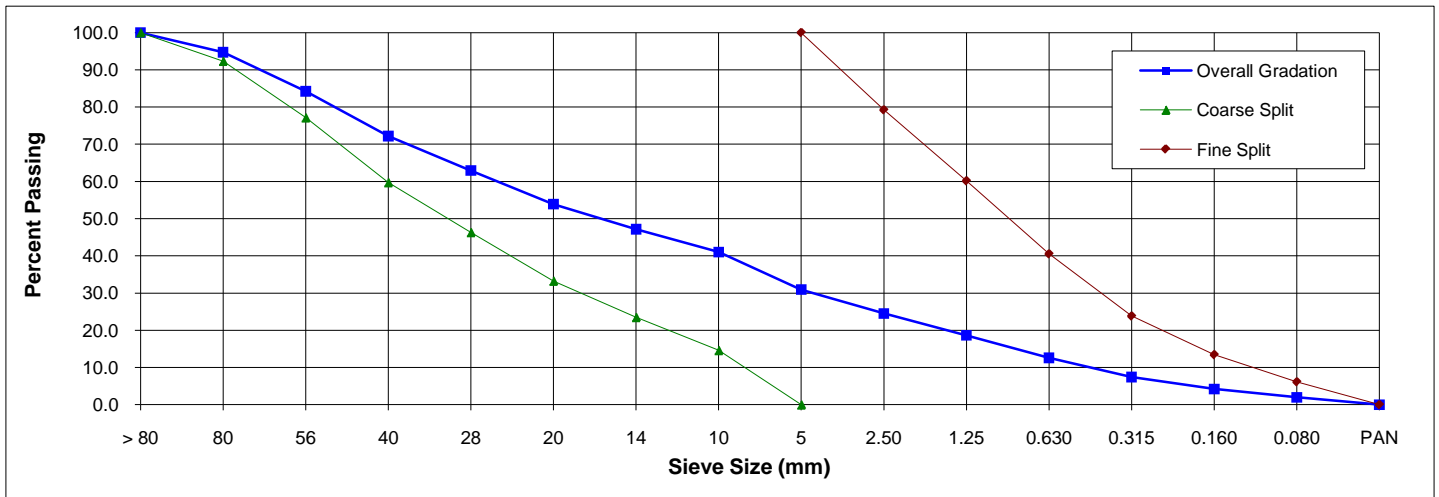
DATE TESTED: June 10-15, 2009

TESTED BY: IC/DC

LOCATION (NAD-83 UTM 10N): 5490585N 471794E

ALTITUDE (NAD-83): 21 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	5.3	94.7	7.7		92.3		
56	10.5	84.2	15.2		77.1		
40	12.0	72.2	17.4		59.7		
28	9.3	62.9	13.4		46.3		
20	9.0	53.9	13.1		33.3		
14	6.7	47.2	9.8		23.5		
10	6.1	41.0	8.9		14.6		
5	10.1	30.9	14.6		0.0	100.0	
2.50	6.4	24.5		20.8		79.2	
1.25	5.9	18.6		19.1		60.2	
0.630	6.1	12.6		19.6		40.5	
0.315	5.2	7.4		16.7		23.8	
0.160	3.2	4.2		10.4		13.4	
0.080	2.3	2.0		7.3		6.1	
PAN	1.9	0.0		6.1		0.0	
Total	99.9		100.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 2.83  
 % finer than 80 µm of the +5 mm portion: 0.09

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
 F. Shrimmer, P. Geo.



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 16, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-8 Sa. 1, Depth: 4.0-4.5m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 29, 2009

SAMPLED BY: BH/AB/DH(Client)

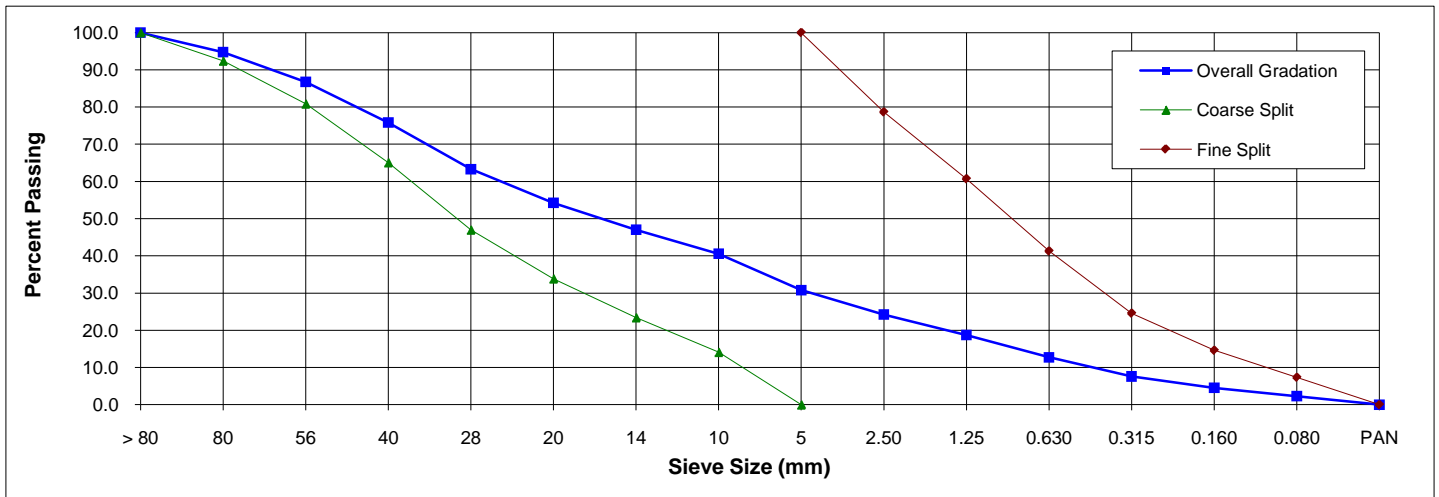
DATE TESTED: June 10-15, 2009

TESTED BY: IC/DC/DT

LOCATION (NAD-83 UTM 10N): 5490817N 471809E

ALTITUDE (NAD-83): 9 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	5.3	94.7	7.6		92.4		
56	8.0	86.8	11.5		80.9		
40	10.9	75.8	15.8		65.1		
28	12.5	63.3	18.1		47.0		
20	9.1	54.2	13.1		33.9		
14	7.2	47.0	10.4		23.4		
10	6.4	40.6	9.3		14.1		
5	9.8	30.8	14.1		0.0	100.0	
2.50	6.6	24.2		21.3		78.7	
1.25	5.5	18.7		18.0		60.7	
0.630	6.0	12.7		19.4		41.3	
0.315	5.1	7.6		16.7		24.6	
0.160	3.1	4.5		10.0		14.6	
0.080	2.2	2.3		7.3		7.3	
PAN	2.3	0.0		7.3		0.0	
Total	100.0		100.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 2.80  
% finer than 80 µm of the +5 mm portion: 0.07

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
F. Shrimmer, P. Geo.



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 16, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-9 Sa. 1, Depth: 4.4m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 29, 2009

SAMPLED BY: BH/AB/DH(Client)

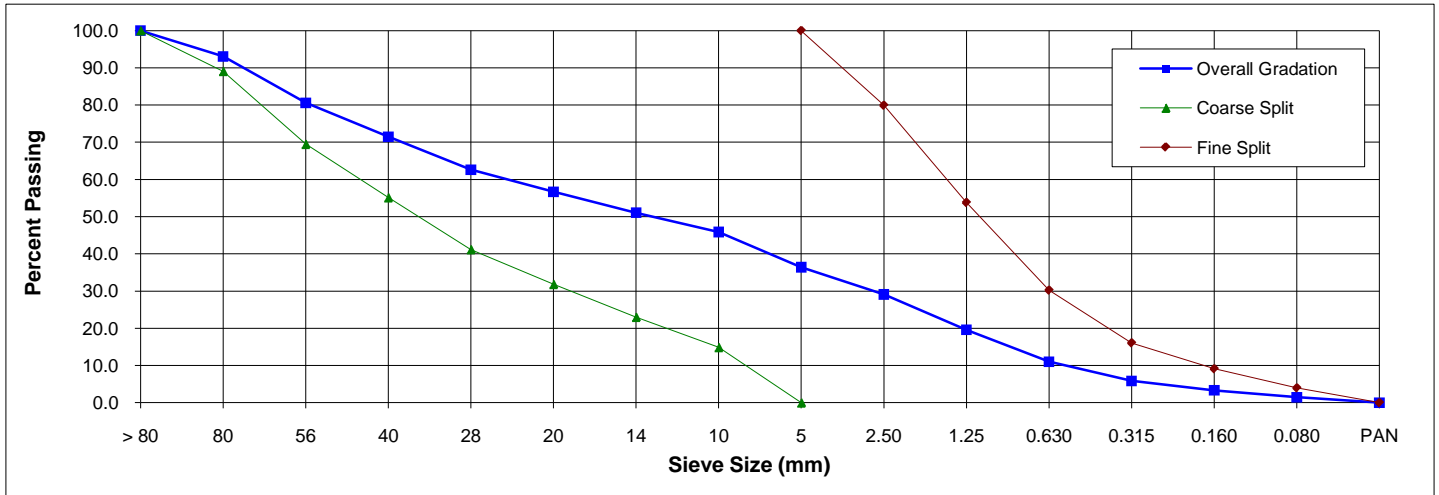
DATE TESTED: June 10-15, 2009

TESTED BY: DT

LOCATION (NAD-83 UTM 10N): 5490841N 471423E

ALTITUDE (NAD-83): 19 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	6.9	93.1	10.9		89.1		
56	12.5	80.6	19.6		69.5		
40	9.1	71.5	14.4		55.1		
28	8.9	62.6	13.9		41.2		
20	5.9	56.7	9.3		31.8		
14	5.6	51.1	8.8		23.0		
10	5.2	45.9	8.1		14.9		
5	9.5	36.4	14.9		0.0	100.0	
2.50	7.3	29.1		20.1		79.9	
1.25	9.5	19.6		26.1		53.8	
0.630	8.6	11.0		23.6		30.2	
0.315	5.2	5.9		14.2		16.1	
0.160	2.5	3.3		6.9		9.1	
0.080	1.9	1.5		5.1		4.0	
PAN	1.4	0.0		4.0		0.0	
Total	100.0		100.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 3.11  
% finer than 80 µm of the +5 mm portion: 0.04

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
F. Shrimmer, P. Geo.



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 16, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-10 Sa. 1, Depth: 0.5-1.0m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 29, 2009

SAMPLED BY: BH/AB/DH(Client)

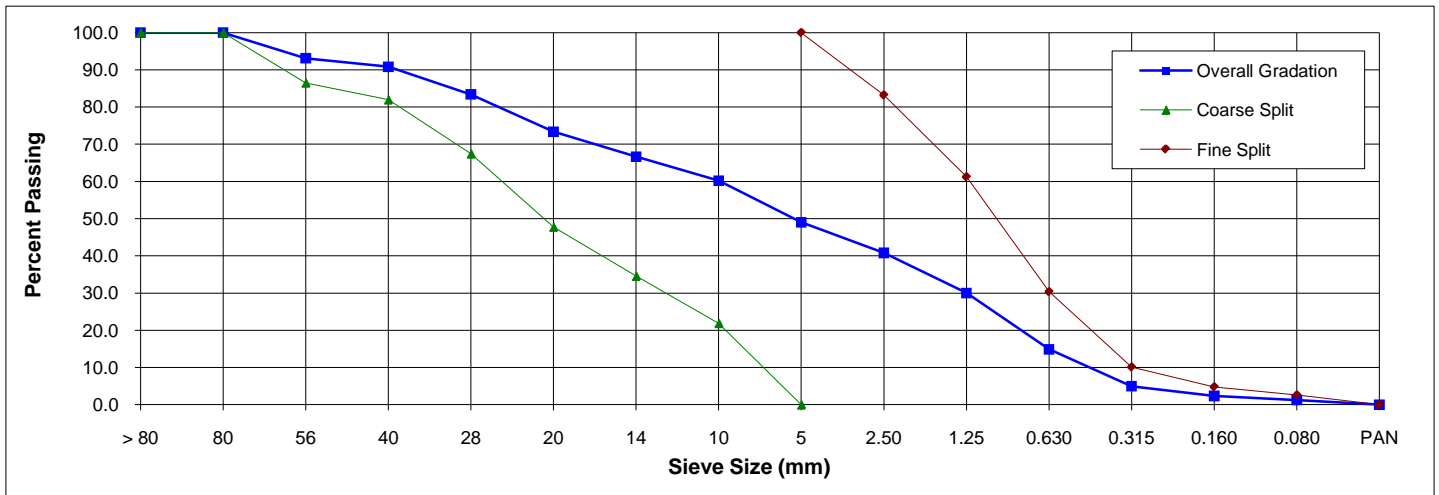
DATE TESTED: June 10-15, 2009

TESTED BY: DT

LOCATION (NAD-83 UTM 10N): 5490674N 471535E

ALTITUDE (NAD-83): 9 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	0.0	100.0	0.0		100.0		
56	6.9	93.1	13.5		86.5		
40	2.3	90.8	4.5		82.0		
28	7.4	83.4	14.5		67.5		
20	10.0	73.4	19.7		47.8		
14	6.7	66.7	13.2		34.6		
10	6.5	60.2	12.7		21.9		
5	11.2	49.0	21.9		0.0	100.0	
2.50	8.2	40.8		16.8		83.2	
1.25	10.8	30.0		22.0		61.2	
0.630	15.1	14.9		30.9		30.4	
0.315	9.9	5.0		20.3		10.1	
0.160	2.6	2.3		5.3		4.8	
0.080	1.1	1.3		2.2		2.6	
PAN	1.3	0.0		2.6		0.0	
Total	100.0		100.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 3.10  
% finer than 80 µm of the +5 mm portion: 0.05

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
F. Shrimmer, P. Geo.



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 16, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-10 Sa. 2, Depth: 4.3m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 29, 2009

SAMPLED BY: BH/AB/DH(Client)

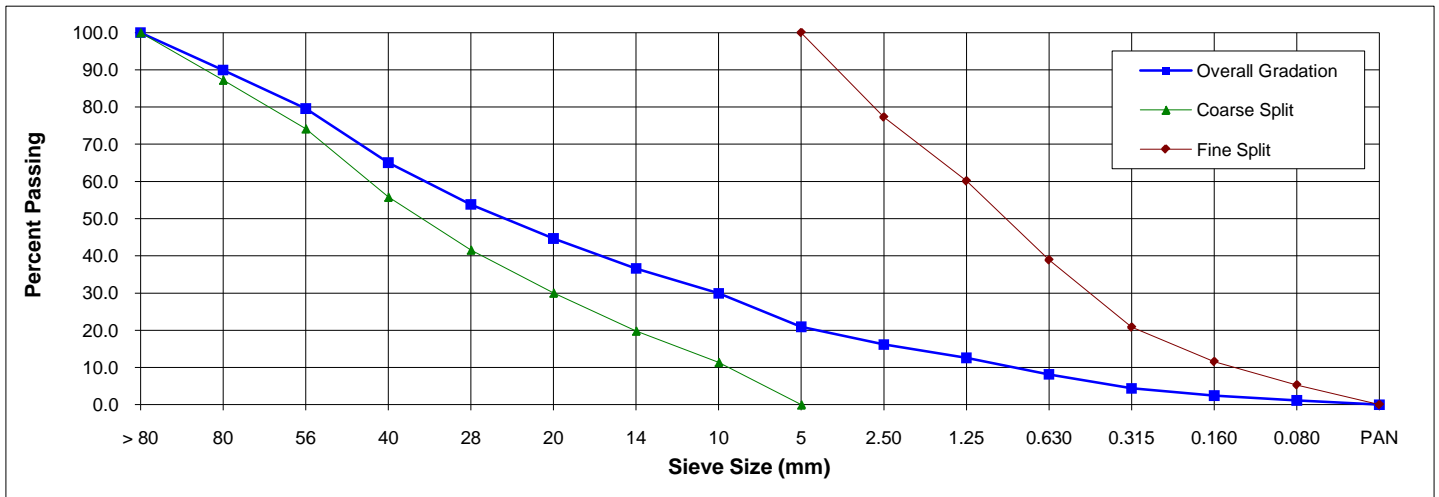
DATE TESTED: June 10-15, 2009

TESTED BY: DT

LOCATION (NAD-83 UTM 10N): 5490674N 471535E

ALTITUDE (NAD-83): 9 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	10.1	89.9	12.7		87.3		
56	10.3	79.6	13.1		74.2		
40	14.5	65.1	18.4		55.8		
28	11.2	53.8	14.2		41.6		
20	9.1	44.7	11.6		30.0		
14	8.1	36.6	10.2		19.8		
10	6.7	29.9	8.4		11.4		
5	9.0	20.9	11.4		0.0	100.0	
2.50	4.7	16.2		22.7		77.3	
1.25	3.6	12.6		17.2		60.1	
0.630	4.4	8.2		21.2		38.9	
0.315	3.8	4.4		18.1		20.8	
0.160	1.9	2.5		9.3		11.6	
0.080	1.3	1.1		6.3		5.3	
PAN	1.1	0.0		5.3		0.0	
Total	100.0		100.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 2.91  
% finer than 80 µm of the +5 mm portion: 0.04

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
F. Shrimmer, P. Geo.



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BURNCO Rock Products Ltd.  
1A, 2760 Emerson Street  
Abbotsford, B.C., Canada  
V2T 3J6

June 16, 2009  
Project number: 09-1416-0004.4000

ATTENTION: Mr. Derek Holmes, Operations Manager

PROJECT: McNab Creek, Alluvial Fan Test Pitting - Geomaterials Testing

<b>Sample:</b>	<b>TP09-11 Sa. 1, Depth: 4.2m</b>
<b>Source:</b>	<b>McNab Creek, Alluvial Fan</b>

DATE SAMPLED: May 29, 2009

SAMPLED BY: BH/AB/DH(Client)

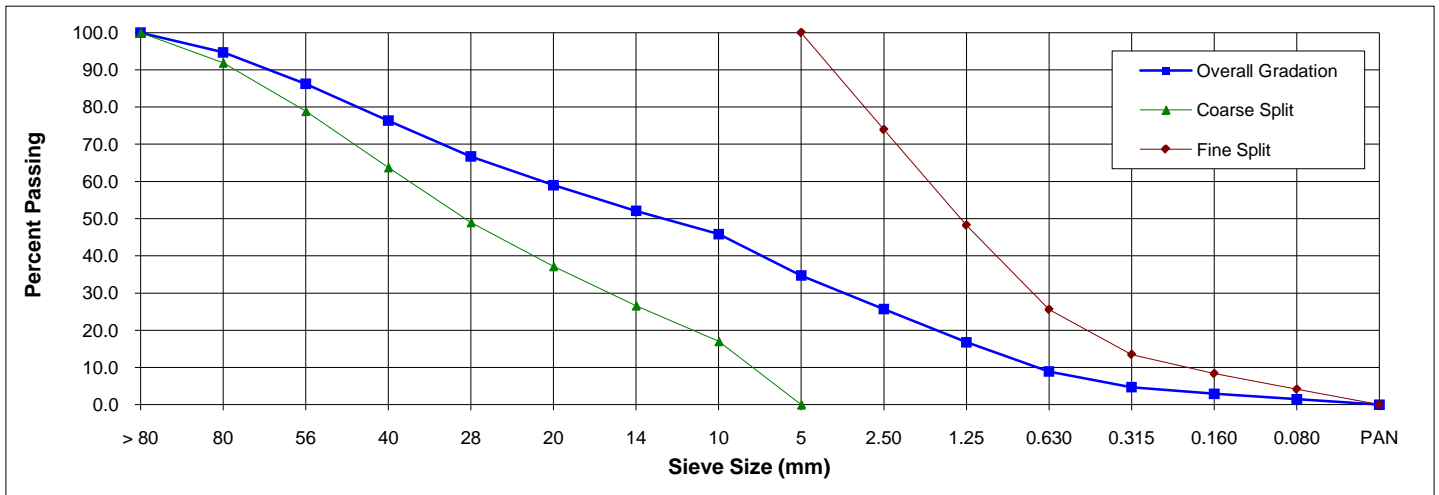
DATE TESTED: June 10-15, 2009

TESTED BY: DT

LOCATION (NAD-83 UTM 10N): 5490605N 471632E

ALTITUDE (NAD-83): 18 m

SIEVE ANALYSIS							MATERIAL SPECIFICATION :
Sieve Size (mm)	% Retained	% Passing	Individual % Retained (Split values)		Individual % Passing (Split values)		
			+ 5	- 5	+ 5	- 5	
> 80	0.0	100.0	0.0		100.0		
80	5.3	94.7	8.1		91.9		
56	8.5	86.2	13.0		78.9		
40	9.9	76.3	15.1		63.8		
28	9.6	66.7	14.8		49.0		
20	7.7	59.0	11.8		37.2		
14	6.9	52.1	10.6		26.6		
10	6.3	45.8	9.6		17.0		
5	11.1	34.7	17.0		0.0	100.0	
2.50	9.0	25.7		26.1		73.9	
1.25	8.9	16.8		25.7		48.2	
0.630	7.9	8.9		22.6		25.6	
0.315	4.2	4.7		12.1		13.5	
0.160	1.8	2.9		5.2		8.3	
0.080	1.5	1.5		4.2		4.1	
PAN	1.4	0.0		4.1		0.0	
Total	100.0		100.0	100.0			



Remarks: Fineness Modulus of -5 mm portion: 3.30  
% finer than 80 µm of the +5 mm portion: 0.04

Reported by: B. Hudson

Reviewed by: \_\_\_\_\_  
F. Shrimmer, P. Geo.



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