

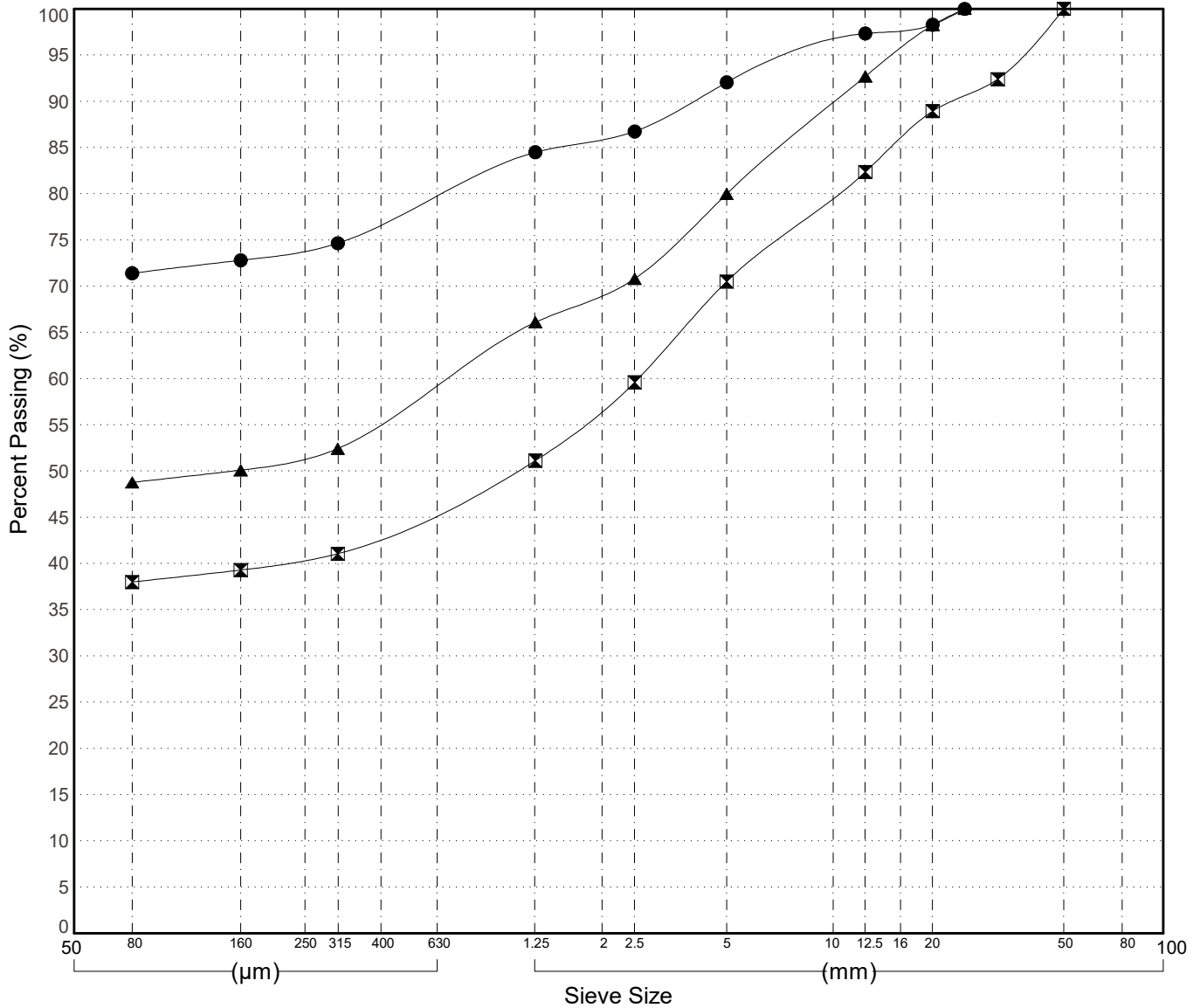
GRAIN SIZE ANALYSIS	Gravel Exploration Klondike Highway	SOURCE/TP#: 917-5862
McCrae Creek Contractor	Km 662.8 RHS	PROJECT NO: 552-202021-0204-06-1
CAT 320CL	Coordinates:Z07V N7092529m E619253m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 001	001	0.4 to 0.8	SILT with SAND(ML)	18.4	NP	NP	NP			
☒ 002	002	2.0 to 2.4	SILTY SAND with GRAVEL(SM)	5.3	NP	NP	NP			
▲ 003	003	3.2 to 3.6	SILTY SAND with GRAVEL(SM)	9.0	NP	NP	NP			

Field #	Lab #	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.0	0.850	0.400	0.250	0.160	0.080	% Breakdown			
		% PASSING														Gravel	Sand	Silt	Clay
● 001	001	100.0	100.0	100.0	100.0	98.3	97.3	96.1	92.1	86.0	81.7	76.8	74.0	72.8	71.4	7.9	20.7	71.4	
☒ 002	002	100.0	100.0	100.0	90.6	88.9	82.4	79.6	70.5	56.9	48.3	43.2	40.5	39.3	38.0	29.5	32.5	38.0	
▲ 003	003	100.0	100.0	100.0	100.0	98.2	92.7	89.8	80.0	69.3	62.3	55.4	51.6	50.1	48.8	20.0	31.2	48.8	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



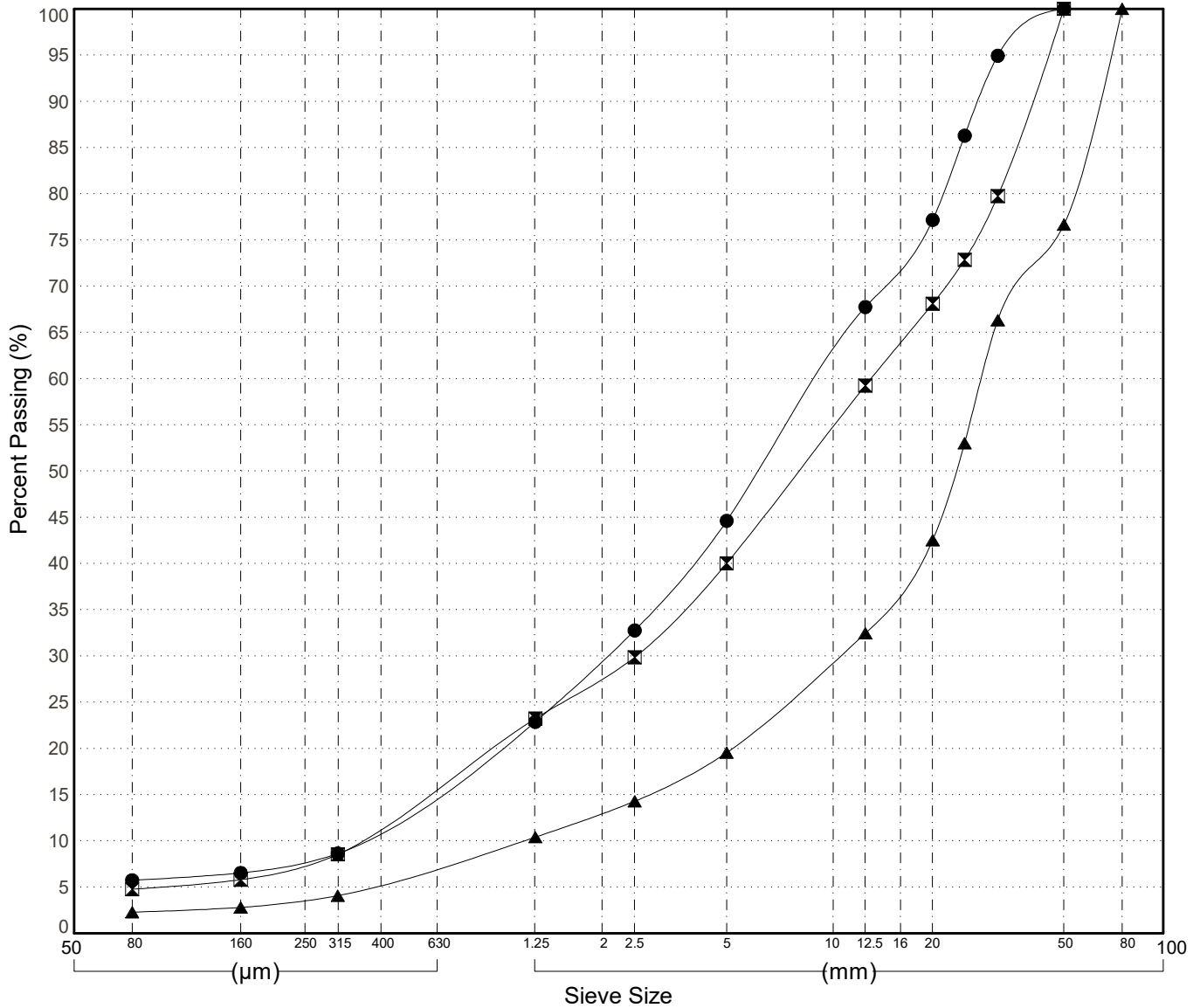
GRAIN SIZE ANALYSIS	Gravel Exploration Klondike Highway	SOURCE/TP#: 917-5863
McCrae Creek Contractor	Km 662.8 RHS	PROJECT NO: 552-202021-0204-06-1
CAT 320CL	Coordinates:Z07V N7092605m E619246m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 004	004	0.4 to 0.8	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	2.4	NP	NP	NP	1.3	25.1	0.36
☒ 005	005	2.0 to 2.4	WELL-GRADED GRAVEL with SAND(GW)	2.4	NP	NP	NP	1.4	36.0	0.36
▲ 006	006	3.4 to 3.8	POORLY GRADED GRAVEL with SAND(GP)	1.5	NP	NP	NP	3.4	24.6	1.15

Field #	Lab #	% PASSING	Sieve Size (mm)													% Breakdown			
			100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.0	0.850	0.400	0.250	0.160	0.080	Gravel	Sand	Clay
●	004	004	100.0	100.0	100.0	86.3	77.2	67.8	62.4	44.6	29.6	18.9	11.7	7.9	6.5	5.7	55.4	38.9	5.7
☒	005	005	100.0	100.0	100.0	72.9	68.1	59.2	54.8	40.0	27.7	19.1	11.7	7.6	5.8	4.8	60.0	35.2	4.8
▲	006	006	100.0	100.0	76.7	53.0	42.5	32.4	29.5	19.5	13.0	8.6	5.4	3.6	2.8	2.3	80.5	17.3	2.3

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

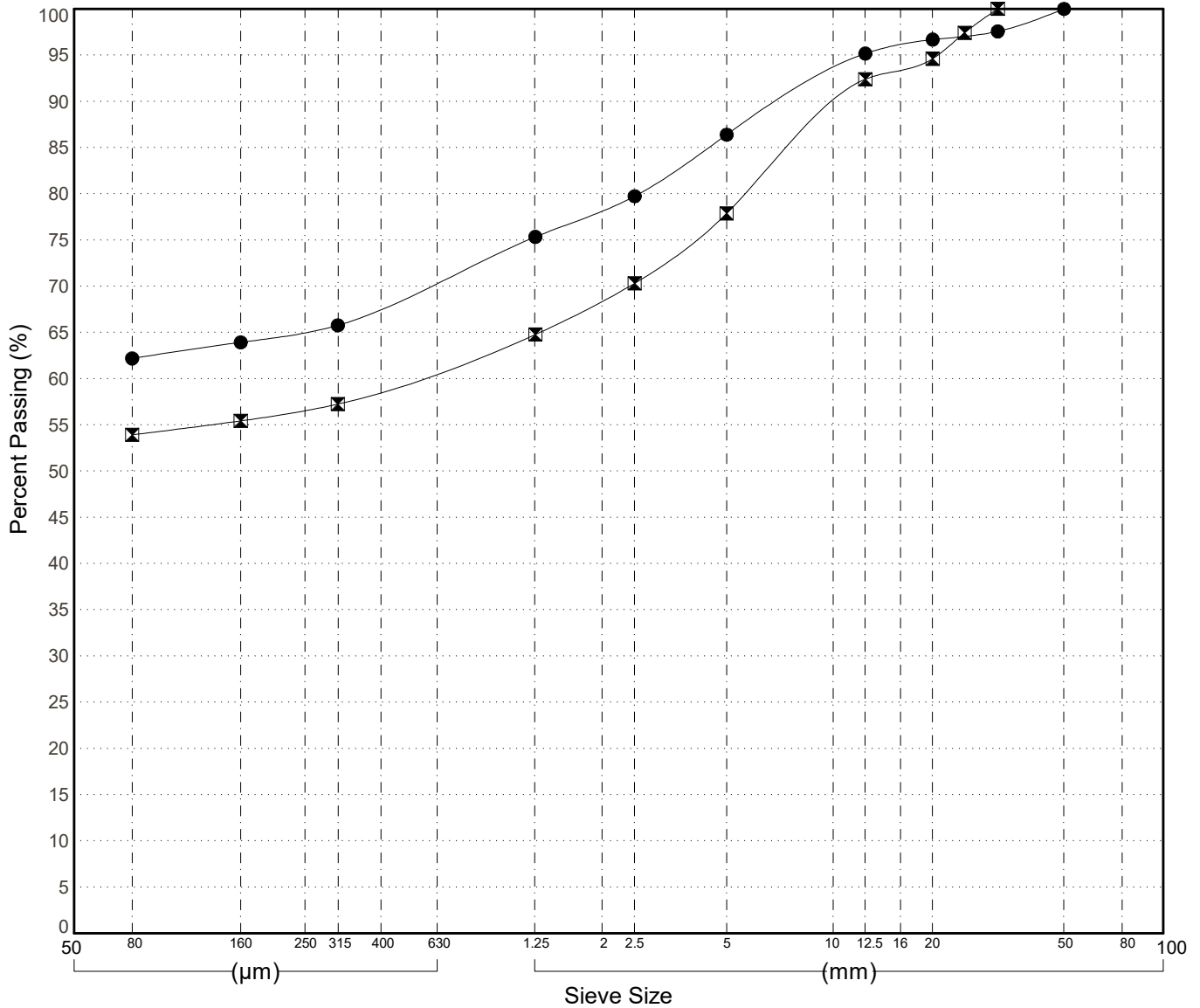


GRAIN SIZE ANALYSIS	Gravel Exploration Klondike Highway	SOURCE/TP#: 917-5864
McCrae Creek Contractor	Km 662.8 RHS	PROJECT NO: 552-202021-0204-06-1
CAT 320CL	Coordinates:Z07V N7092600m E619326m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10										
● 007	007	0.4 to 0.8	SANDY SILT (ML)	10.0	NP	NP	NP													
☒ 008	008	1.8 to 2.2	SANDY SILT with GRAVEL (ML)	9.5	NP	NP	NP													
Field #	Lab #	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.0	0.850	0.400	0.250	0.160	0.080	% Breakdown				
● 007	007	100.0	100.0	100.0	97.1	96.7	95.2	93.1	86.4	78.3	72.7	67.8	65.1	63.9	62.2	Gravel	Sand	Silt	Clay	
☒ 008	008	100.0	100.0	100.0	97.4	94.6	92.4	89.0	77.9	68.5	62.7	58.9	56.6	55.4	53.9	22.1	24.0	53.9		

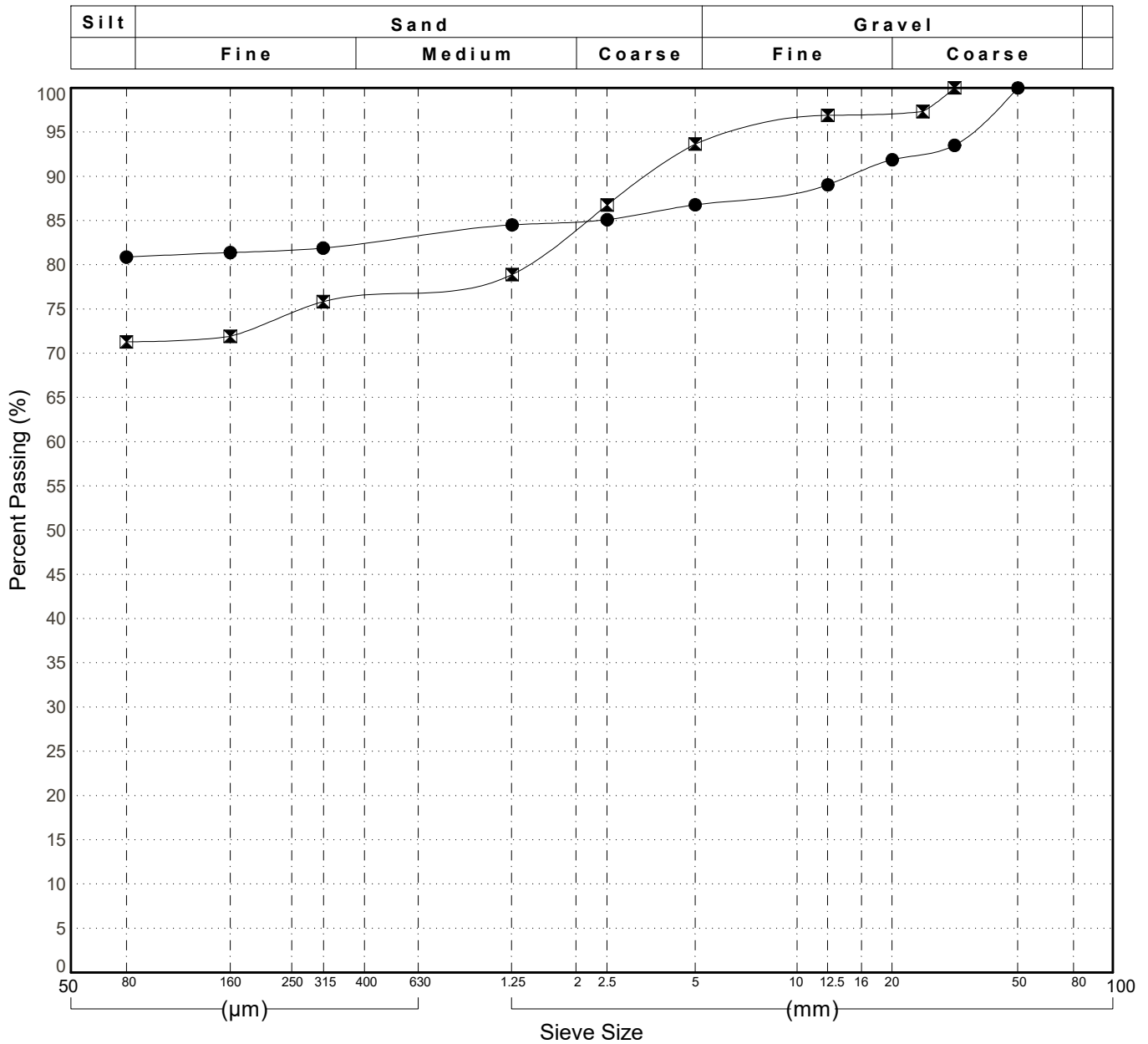
Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Gravel Exploration Klondike Highway	SOURCE/TP#: 917-5865
McCrae Creek Contractor	Km 662.8 RHS	PROJECT NO: 552-202021-0204-06-1
CAT 320CL	Coordinates:Z07V N7092683m E619324m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10										
● 009	009	0.4 to 0.8	SILT with GRAVEL(ML)	9.7	NP	NP	NP													
☒ 010	010	2.6 to 3.0	SILT with SAND(ML)	10.9	NP	NP	NP													
Field #	Lab #	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.0	0.850	0.400	0.250	0.160	0.080	% Breakdown				
● 009	009	100.0	100.0	100.0	92.7	91.9	89.0	88.5	86.8	84.9	83.8	82.5	81.7	81.4	80.9	Gravel	Sand	Silt	Clay	
☒ 010	010	100.0	100.0	100.0	97.3	97.2	96.9	96.1	93.7	84.2	78.0	76.5	74.5	71.9	71.3	6.3	22.4		80.9	



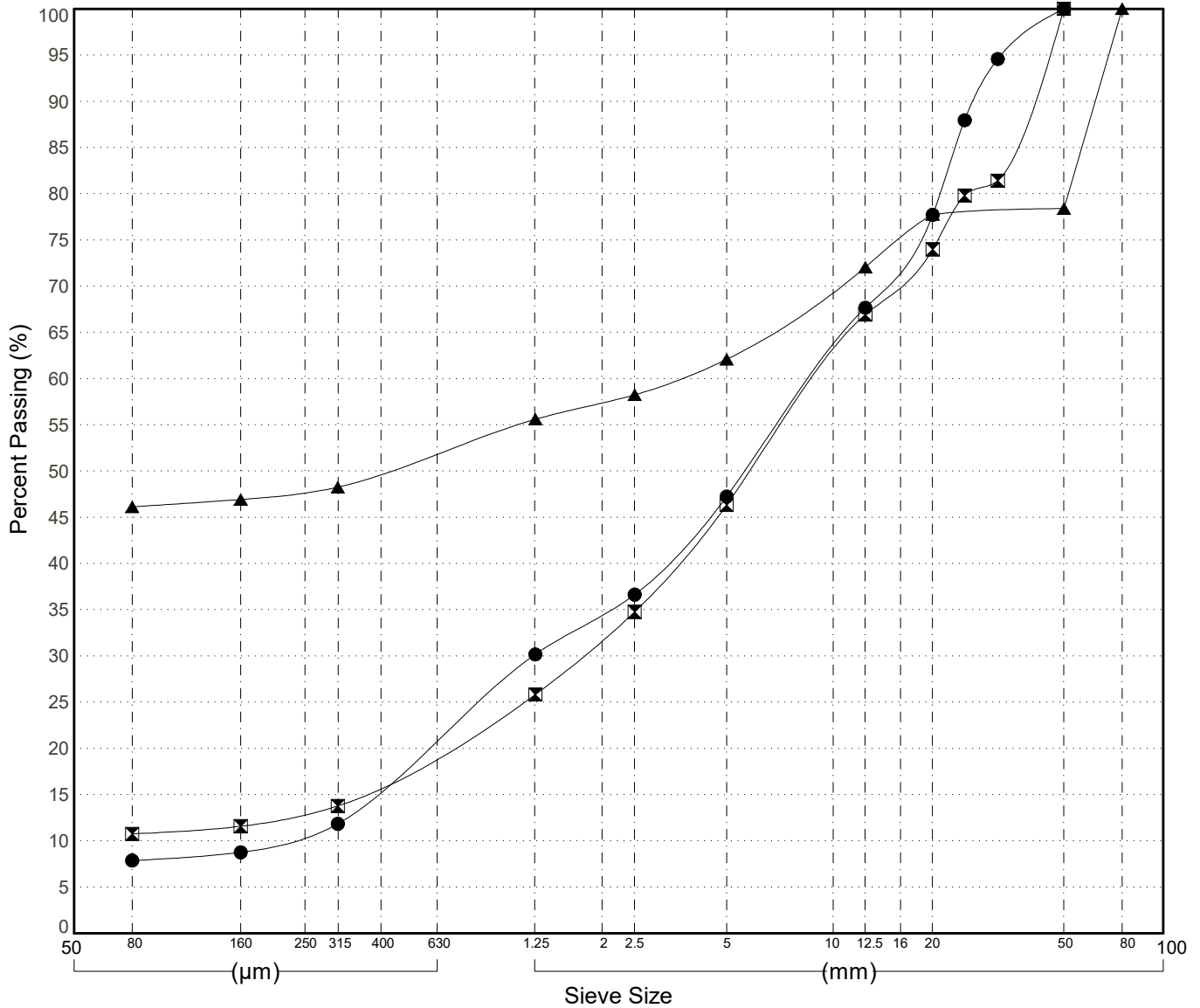
GRAIN SIZE ANALYSIS	Gravel Exploration Klondike Highway	SOURCE/TP#: 917-5866
McCrae Creek Contractor	Km 662.8 RHS	PROJECT NO: 552-202021-0204-06-1
CAT 320CL	Coordinates:Z07V N7092674m E619400m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 011	011	0.6 to 1.0	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	2.5	NP	NP	NP	0.8	41.3	0.21
☒ 012	012	2.0 to 2.4	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	3.5	NP	NP	NP	8.8	239.7	
▲ 013	013	3.0 to 3.4	SILTY GRAVEL with SAND(GM)	11.5	NP	NP	NP			

Field #	Lab #	% PASSING	Sieve Size (mm)													% Breakdown				
			100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.0	0.850	0.400	0.250	0.160	0.080	Gravel	Sand	Silt	Clay
●	011	011	100.0	100.0	100.0	88.0	77.7	67.7	63.0	47.3	34.6	25.0	15.8	10.8	8.8	7.9	52.7	39.4	7.9	
☒	012	012	100.0	100.0	100.0	79.8	74.0	66.9	62.2	46.3	31.9	22.5	16.4	13.0	11.6	10.8	53.7	35.6	10.8	
▲	013	013	100.0	100.0	78.4	77.9	77.8	72.1	69.8	62.1	57.4	53.6	49.9	47.8	46.9	46.1	37.9	16.0	46.1	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



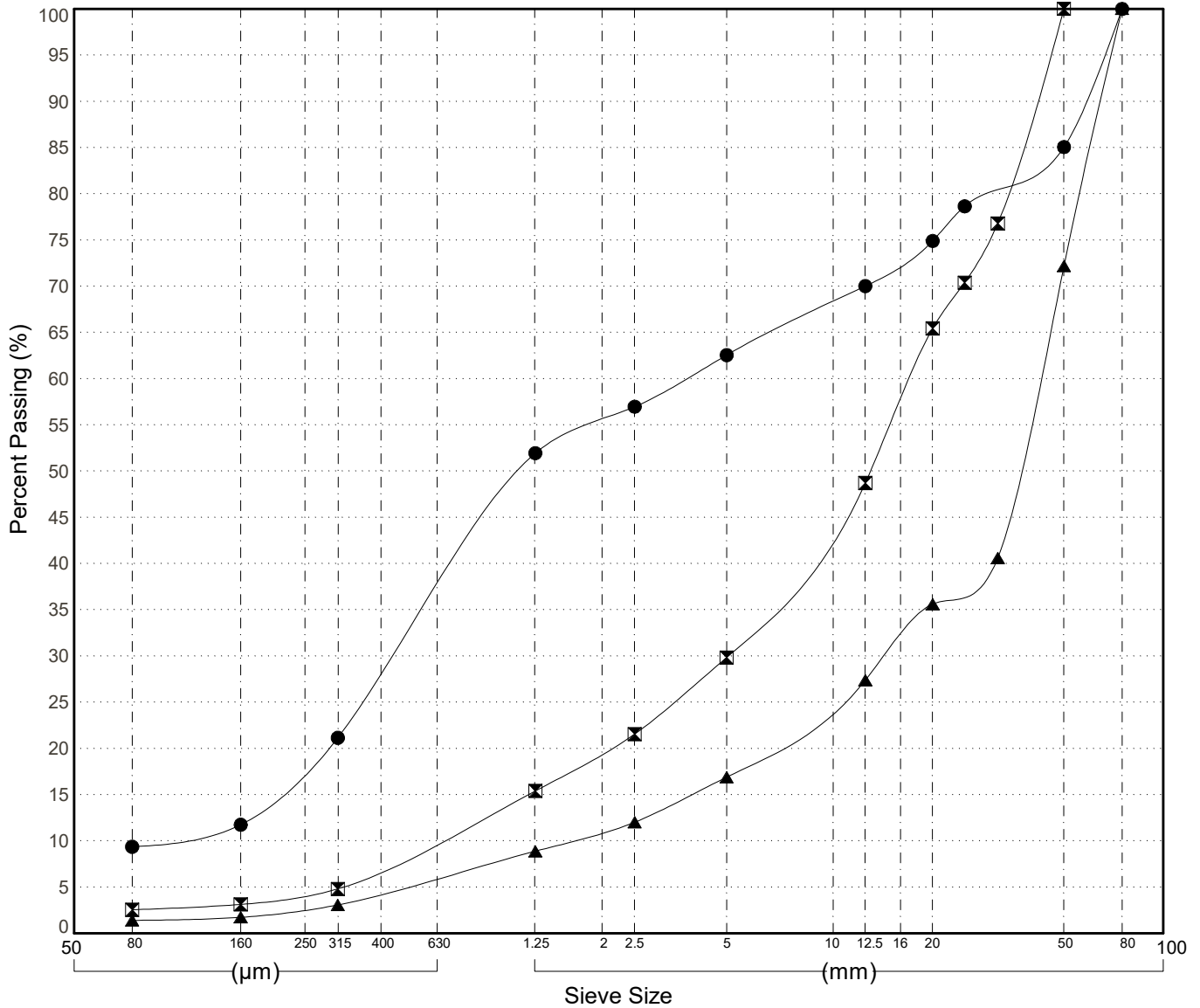
GRAIN SIZE ANALYSIS	Gravel Exploration Klondike Highway	SOURCE/TP#: 917-5867
McCrae Creek Contractor	Km 662.8 RHS	PROJECT NO: 552-202021-0204-06-1
CAT 320CL	Coordinates:Z07V N7092674m E619249m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 014	014	0.4 to 0.8	POORLY GRADED SAND with SILT and GRAVEL(SP-SM)	4.4	NP	NP	NP	0.7	38.5	0.09
☒ 015	015	1.2 to 1.6	WELL-GRADED GRAVEL with SAND(GW)	2.1	NP	NP	NP	2.2	27.7	0.62
▲ 016	016	3.4 to 3.8	POORLY GRADED GRAVEL with SAND(GP)	1.6	NP	NP	NP	3.1	26.1	1.60

Field #	Lab #	% PASSING	Sieve Size (mm)													% Breakdown				
			100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.0	0.850	0.400	0.250	0.160	0.080	Gravel	Sand	Silt	Clay
●	014	014	100.0	100.0	85.1	78.6	74.9	70.0	68.3	62.5	55.3	43.3	27.8	17.9	11.7	9.4	37.5	53.2	9.4	
☒	015	015	100.0	100.0	100.0	70.4	65.4	48.7	44.4	29.8	19.6	12.4	7.1	4.2	3.1	2.5	70.2	27.3	2.5	
▲	016	016	100.0	100.0	72.2	38.1	35.6	27.4	25.0	16.9	11.0	7.3	4.3	2.6	1.7	1.4	83.1	15.5	1.4	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



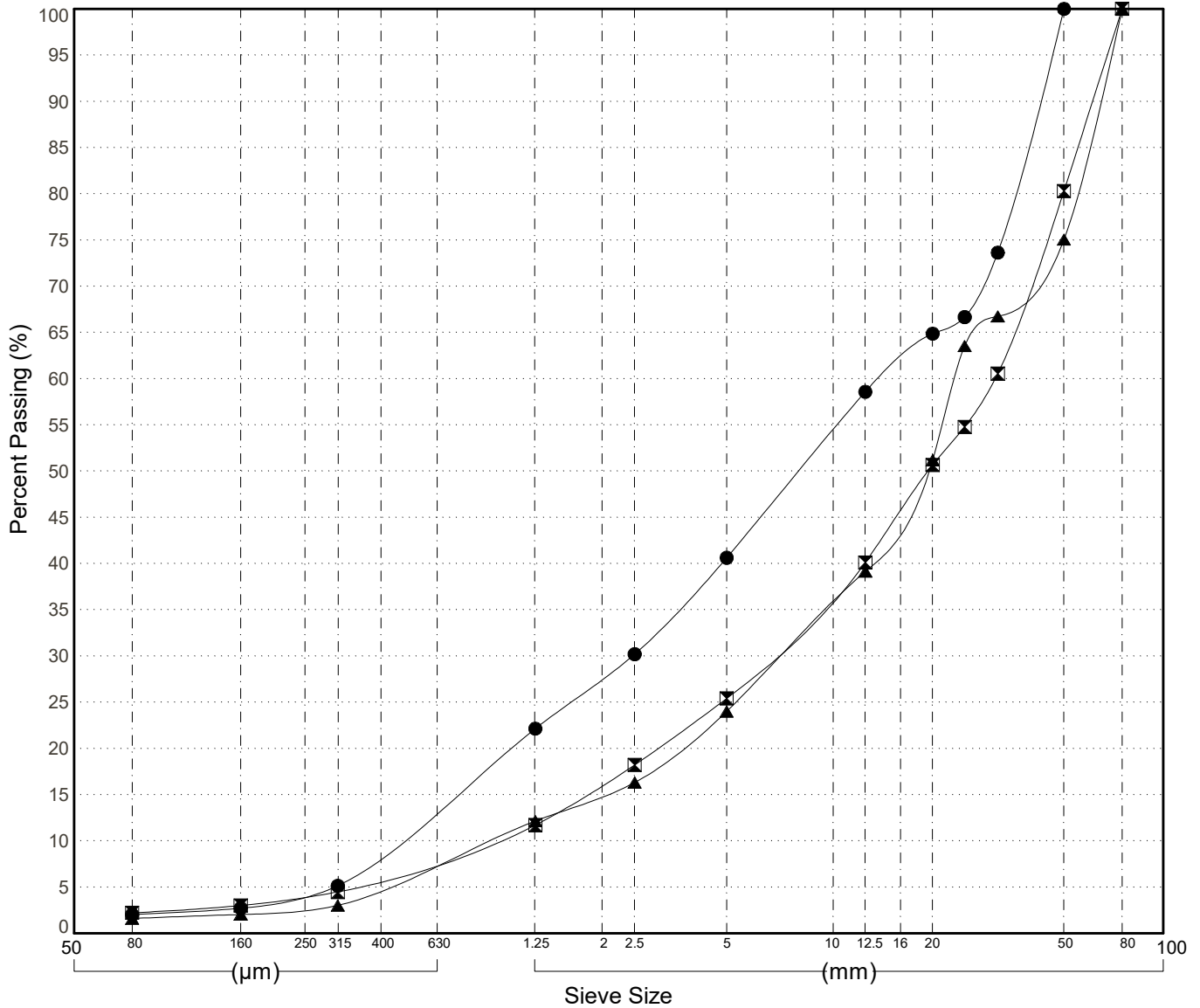
GRAIN SIZE ANALYSIS	Gravel Exploration Klondike Highway	SOURCE/TP#: 917-5868
McCrae Creek Contractor	Km 662.8 RHS	PROJECT NO: 552-202021-0204-06-1
CAT 320CL	Coordinates:Z07V N7092753m E619251m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 017	017	0.4 to 0.8	POORLY GRADED GRAVEL with SAND(GP)	2.1	NP	NP	NP	0.9	29.8	0.47
☒ 018	018	1.4 to 1.8	WELL-GRADED GRAVEL with SAND(GW)	2.0	NP	NP	NP	1.5	34.1	0.90
▲ 019	019	3.4 to 3.8	WELL-GRADED GRAVEL with SAND(GW)	1.6	NP	NP	NP	2.3	26.0	0.90

Field #	Lab #	%PASSING														% Breakdown				
			100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.0	0.850	0.400	0.250	0.160	0.080	Gravel	Sand	Silt	Clay
●	017	017	100.0	100.0	100.0	66.7	64.9	58.6	54.4	40.6	27.6	17.4	8.8	4.3	2.7	2.0	59.4	38.6		2.0
☒	018	018	100.0	100.0	80.3	54.8	50.7	40.1	36.7	25.4	16.1	9.7	6.0	4.0	3.0	2.2	74.6	23.2		2.2
▲	019	019	100.0	100.0	75.1	63.5	51.2	39.1	35.6	24.0	15.0	9.6	5.0	2.7	2.0	1.6	76.0	22.4		1.6

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



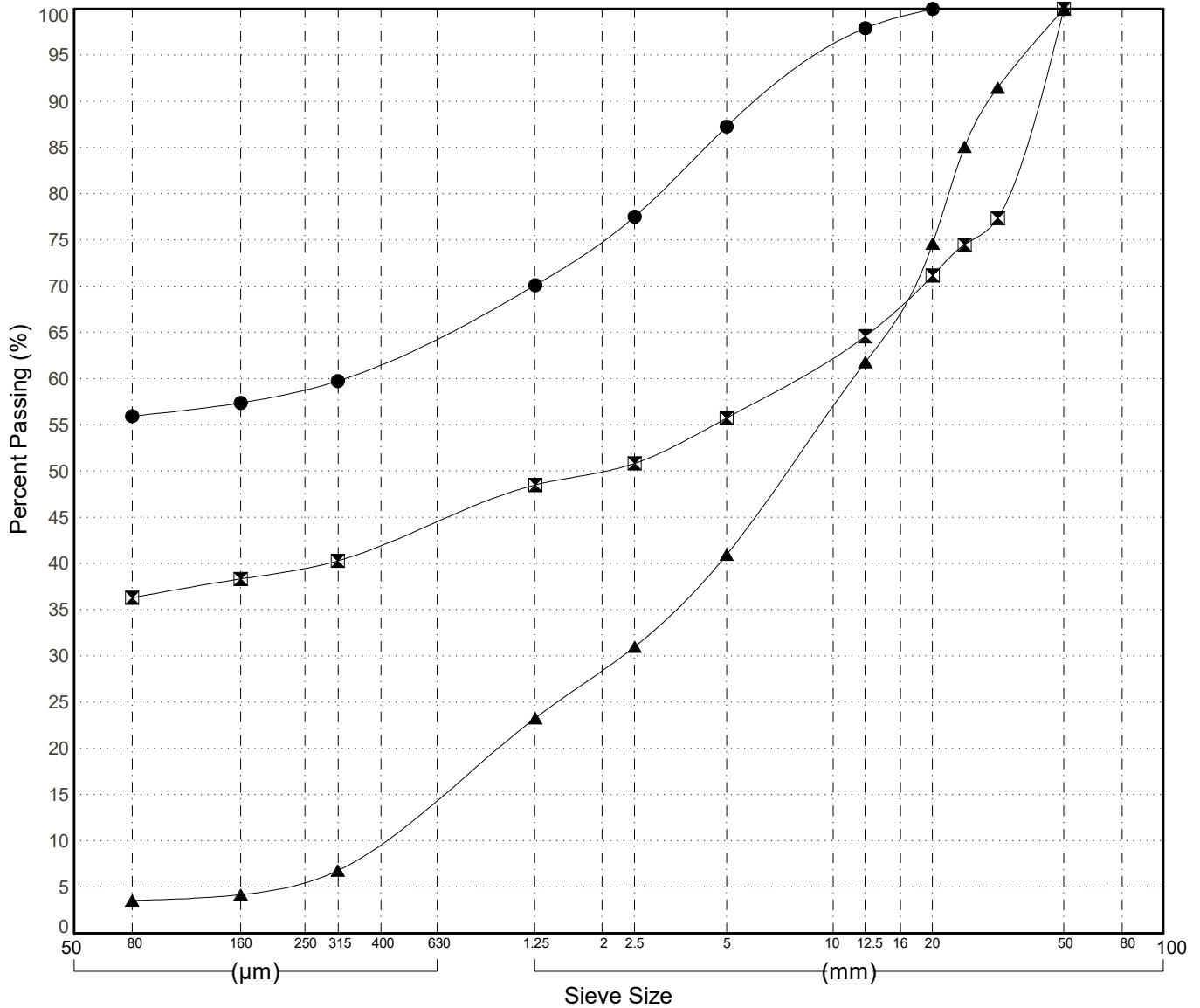
GRAIN SIZE ANALYSIS	Gravel Exploration Klondike Highway	SOURCE/TP#: 917-5869
McCrae Creek Contractor	Km 662.8 RHS	PROJECT NO: 552-202021-0204-06-1
CAT 320CL	Coordinates:Z07V N7092755m E619323m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 020	020	0.4 to 0.8	SANDY SILT(ML)	11.3	NP	NP	NP			
☒ 021	021	1.6 to 2.0	SILTY GRAVEL with SAND(GM)	6.1	NP	NP	NP			
▲ 022	022	3.4 to 3.8	WELL-GRADED GRAVEL with SAND(GW)	1.6	NP	NP	NP	1.1	27.9	0.41

Field #	Lab #	%PASSING	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.0	0.850	0.400	0.250	0.160	0.080	% Breakdown			
			Gravel	Sand	Silt	Clay														
●	020	020	100.0	100.0	100.0	100.0	100.0	97.9	95.5	87.3	75.1	67.2	62.0	58.9	57.4	55.9	12.7	31.3	55.9	
☒	021	021	100.0	100.0	100.0	74.5	71.2	64.6	62.5	55.7	50.1	46.2	42.1	39.6	38.3	36.3	44.3	19.5	36.3	
▲	022	022	100.0	100.0	100.0	85.1	74.6	61.8	57.0	41.0	28.5	18.7	10.4	5.9	4.2	3.5	59.0	37.4	3.5	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



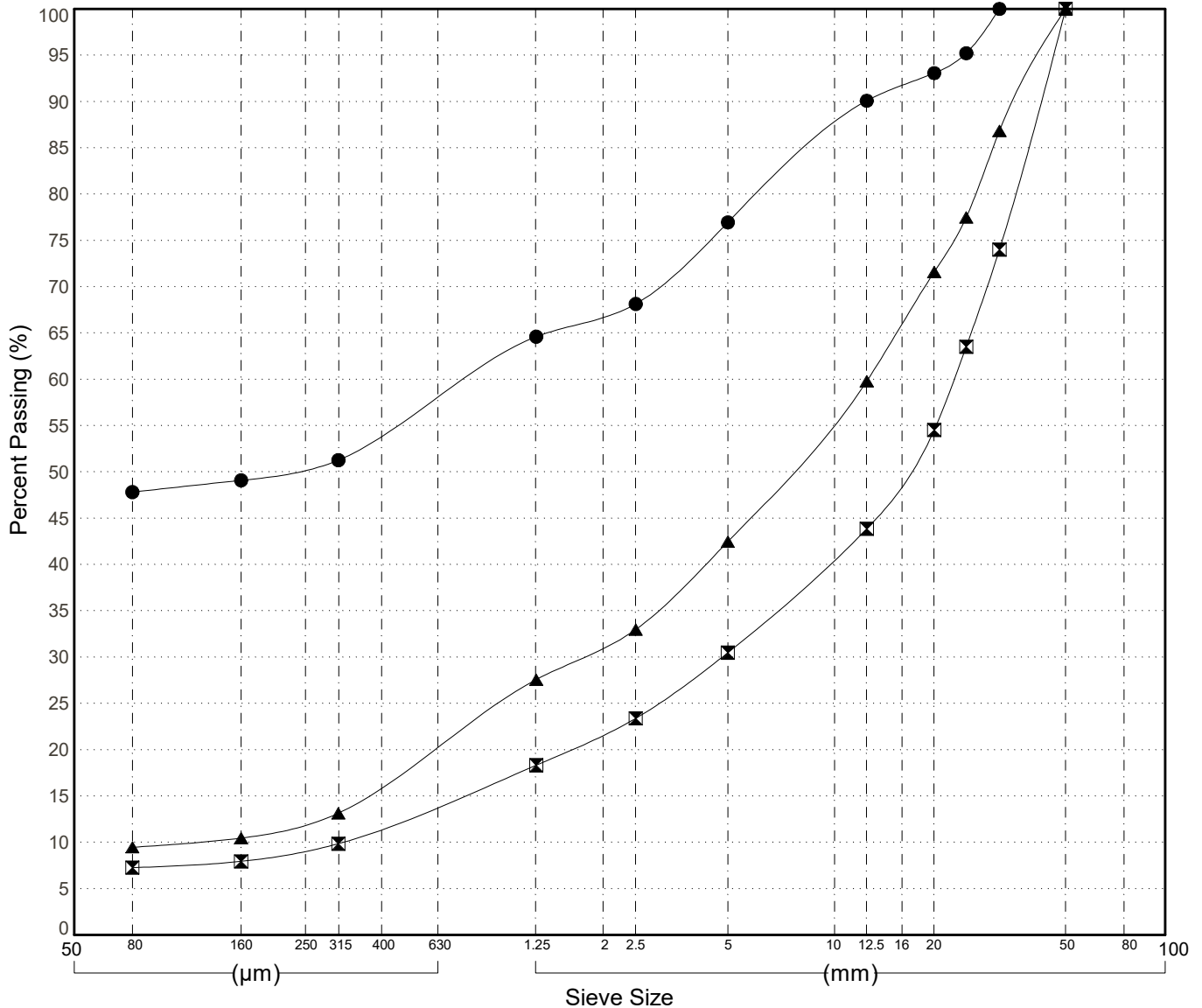
GRAIN SIZE ANALYSIS	Gravel Exploration Klondike Highway	SOURCE/TP#: 917-5870
McCrae Creek Contractor	Km 662.8 RHS	PROJECT NO: 552-202021-0204-06-1
CAT 320CL	Coordinates:Z07V N7092757m E619402m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 023	023	0.4 to 0.8	SILTY SAND with GRAVEL(SM)	10.5	NP	NP	NP			
☒ 024	024	1.2 to 1.6	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	1.8	NP	NP	NP	2.8	70.9	0.32
▲ 025	025	3.2 to 3.6	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	2.3	NP	NP	NP	2.0	111.7	0.11

Field #	Lab #	% PASSING															% Breakdown			
			100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.0	0.850	0.400	0.250	0.160	0.080	Gravel	Sand	Silt	Clay
●	023	023	100.0	100.0	100.0	95.2	93.1	90.1	87.1	77.0	67.0	60.9	54.2	50.5	49.1	47.8	23.0	29.1	47.8	
☒	024	024	100.0	100.0	100.0	63.5	54.5	43.9	40.8	30.5	21.8	15.9	11.7	9.2	7.9	7.3	69.5	23.2	7.3	
▲	025	025	100.0	100.0	100.0	77.5	71.6	59.8	55.8	42.5	31.2	23.5	16.3	12.2	10.5	9.5	57.5	33.0	9.5	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



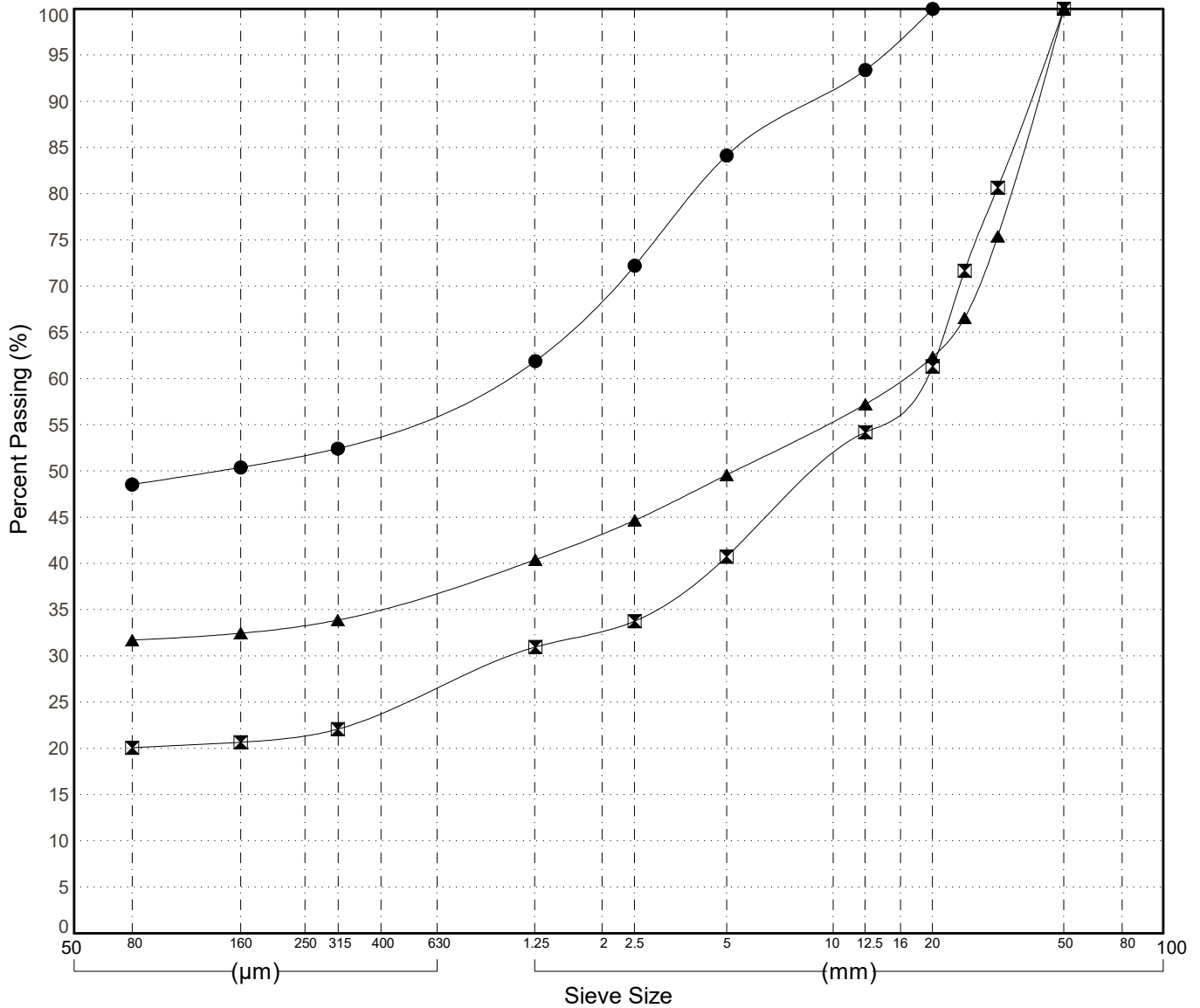
GRAIN SIZE ANALYSIS	Gravel Exploration Klondike Highway	SOURCE/TP#: 917-5871
McCrae Creek Contractor	Km 662.8 RHS	PROJECT NO: 552-202021-0204-06-1
CAT 320CL	Coordinates:Z07V N7092750m E619476m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 026	026	0.4 to 0.8	SILTY SAND with GRAVEL(SM)	13.6	NP	NP	NP			
☒ 027	027	2.0 to 2.4	SILTY GRAVEL with SAND(GM)	3.8	NP	NP	NP			
▲ 028	028	3.4 to 3.8	SILTY GRAVEL with SAND(GM)	6.1	NP	NP	NP			

Field #	Lab #	%PASSING	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.0	0.850	0.400	0.250	0.160	0.080	% Breakdown		
			Gravel	Sand	Silt	Clay													
●	026	026	100.0	100.0	100.0	100.0	100.0	93.4	91.3	84.1	68.9	59.3	54.5	51.7	50.4	48.5	15.9	35.6	48.5
☒	027	027	100.0	100.0	100.0	71.7	61.3	54.2	51.1	40.7	32.9	28.5	24.0	21.6	20.7	20.1	59.3	20.7	20.1
▲	028	028	100.0	100.0	100.0	66.6	62.3	57.2	55.5	49.6	43.3	38.6	35.3	33.4	31.7	31.7	50.4	17.9	31.7

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Gravel Exploration Klondike Highway	SOURCE/TP#: 917-5872
McCrae Creek Contractor	Km 662.8 RHS	PROJECT NO: 552-202021-0204-06-1
CAT 320CL	Coordinates:Z07V N7092725m E619584m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 029	029	0.4 to 0.8	GRAVELLY SILT with SAND(ML)	14.0	NP	NP	NP			
☒ 030	030	2.0 to 2.4	SILTY GRAVEL with SAND(GM)	6.5	NP	NP	NP			
▲ 031	031	3.4 to 3.8	SILTY GRAVEL with SAND(GM)	8.9	NP	NP	NP			

Field #	Lab #	% PASSING	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.0	0.850	0.400	0.250	0.160	0.080	% Breakdown			
			Gravel	Sand	Silt	Clay														
●	029	029	100.0	100.0	100.0	91.1	90.6	86.8	84.0	74.7	66.2	61.2	56.3	53.5	52.3	51.1	25.3	23.6	51.1	
☒	030	030	100.0	100.0	100.0	91.9	85.6	74.9	71.6	60.5	50.8	44.0	39.2	36.3	34.9	33.8	39.5	26.7	33.8	
▲	031	031	100.0	100.0	100.0	90.0	87.0	80.9	78.5	70.3	63.4	58.7	54.1	51.5	50.4	49.4	29.7	20.9	49.4	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

