

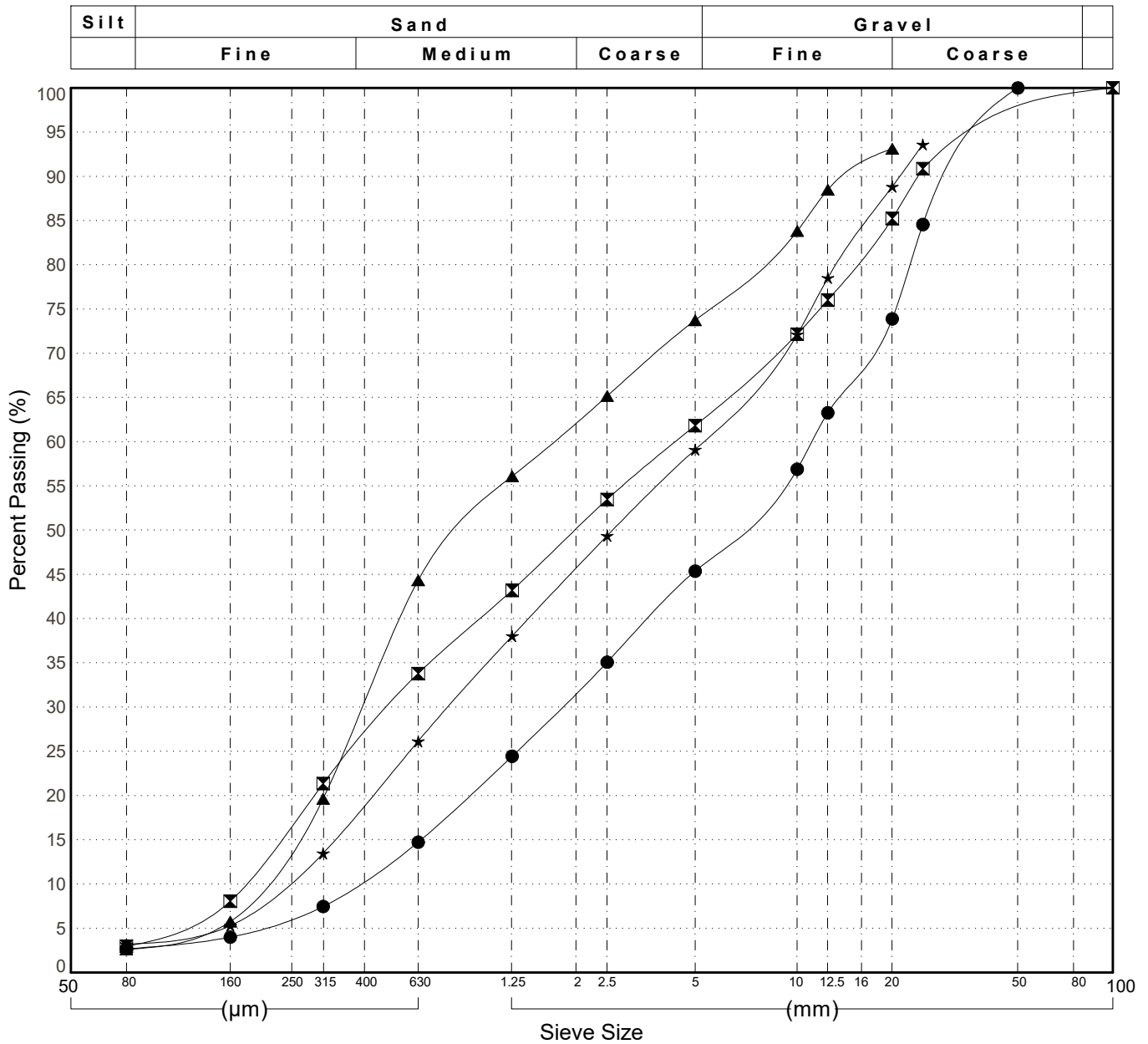
GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4378
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679292.5m E616053.1m	ELEVATION: 712m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 001	2013-264	0.4 to 1.0	POORLY GRADED GRAVEL with SAND(GP)	4.6	NP	NP	NP	0.7	27.8	0.40
☒ 002	2013-265	1.4 to 2.0	POORLY GRADED SAND with GRAVEL(SP)	10.5	NP	NP	NP	0.4	23.4	0.18
▲ 003	2013-266	2.5 to 3.0	POORLY GRADED SAND with GRAVEL(SP)	13.2	NP	NP	NP	0.5	8.6	0.20
★ 004	2013-267	4.2 to 4.7	POORLY GRADED SAND with GRAVEL(SP)	8.5	NP	NP	NP	0.5	21.1	0.24

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		
●	001	2013-264	100.0	100.0	100.0	84.6	73.9	63.3	56.9	45.4	31.7	19.0	10.6	6.3	4.0	2.7	54.6	42.7		2.7		
☒	002	2013-265	100.0	98.1	95.4	90.9	85.2	76.0	72.2	61.8	50.2	37.9	26.7	16.8	8.1	3.0	36.3	58.9		3.0		
▲	003	2013-266	100.0	100.0	100.0	100.0	93.1	88.5	83.8	73.7	62.2	49.5	30.3	14.9	5.8	2.6	19.4	71.1		2.6		
★	004	2013-267	100.0	100.0	100.0	93.6	88.8	78.5	72.1	59.1	45.7	31.3	18.9	10.7	5.3	3.2	34.5	55.9		3.2		



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4379
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679472.7m E616310.8m	ELEVATION: 735m

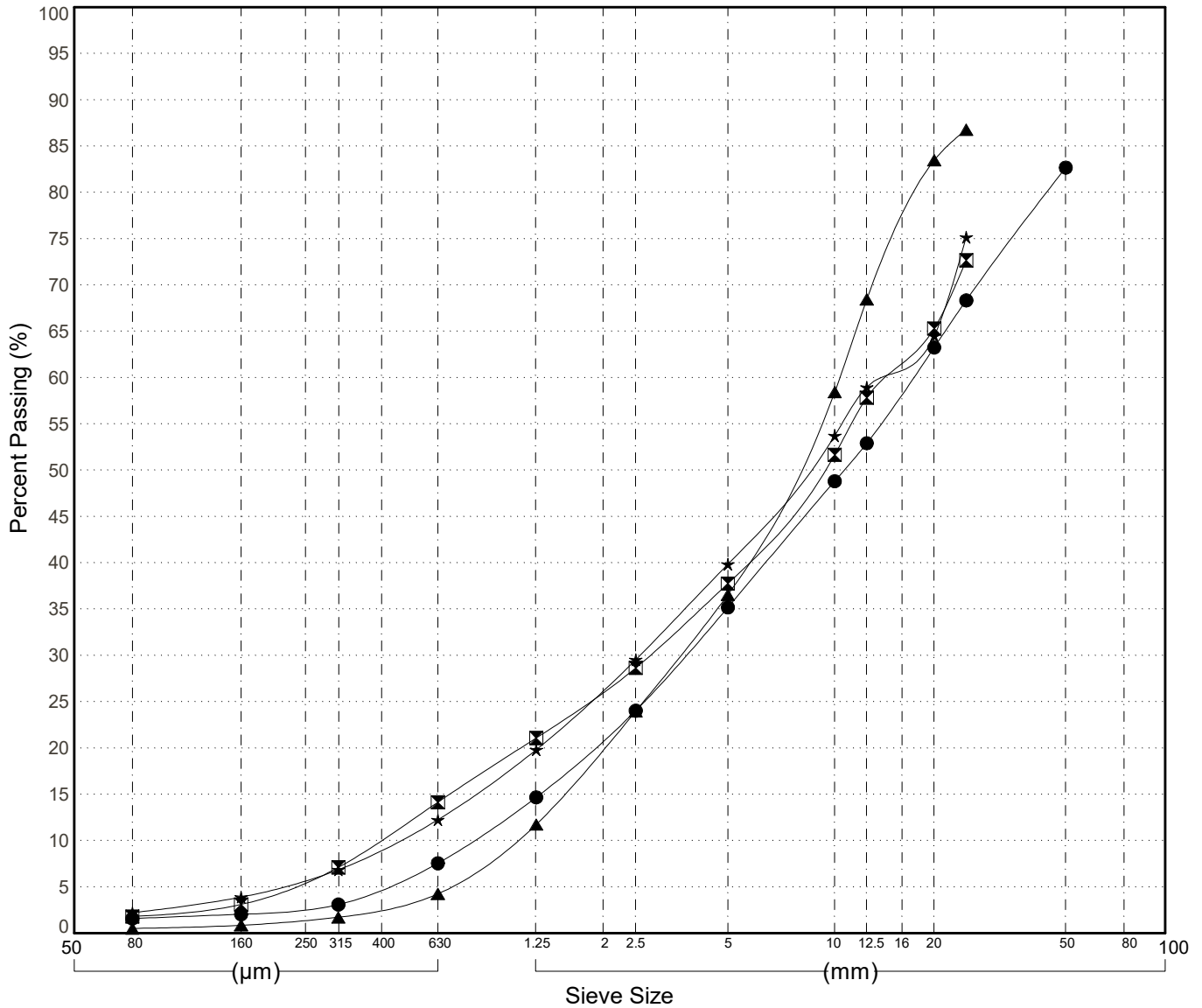
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 005	2013-268	0.5 to 1.0	POORLY GRADED GRAVEL with SAND(GP)	2.3	NP	NP	NP	0.9	21.6	0.80
☒ 006	2013-269	1.4 to 1.9	WELL-GRADED GRAVEL with SAND(GW)	4.7	NP	NP	NP	1.3	34.2	0.42
▲ 007	2013-270	3.0 to 3.5	WELL-GRADED GRAVEL with SAND(GW)	4.2	NP	NP	NP	1.0	9.7	1.07
★ 008	2013-271	4.4 to 5.0	WELL-GRADED GRAVEL with SAND(GW)	5.3	NP	NP	NP	1.0	28.9	0.47

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
●	005	2013-268	100.0	100.0	82.7	68.3	63.2	52.9	48.8	35.2	21.0	10.7	5.0	2.7	2.0	1.6	47.5	33.6		1.6
☒	006	2013-269	100.0	100.0	100.0	72.7	65.3	57.8	51.7	37.8	26.2	17.2	10.1	5.7	3.1	1.8	34.9	36.0		1.8
▲	007	2013-270	100.0	100.0	100.0	86.8	83.5	68.4	58.4	36.6	20.0	7.5	2.8	1.4	0.9	0.5	50.2	36.0		0.5
★	008	2013-271	100.0	100.0	100.0	75.2	64.5	59.0	53.7	39.8	26.4	15.6	9.2	5.8	3.9	2.2	35.3	37.6		2.2

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4380
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679441.7m E616383.7m	ELEVATION: 743m

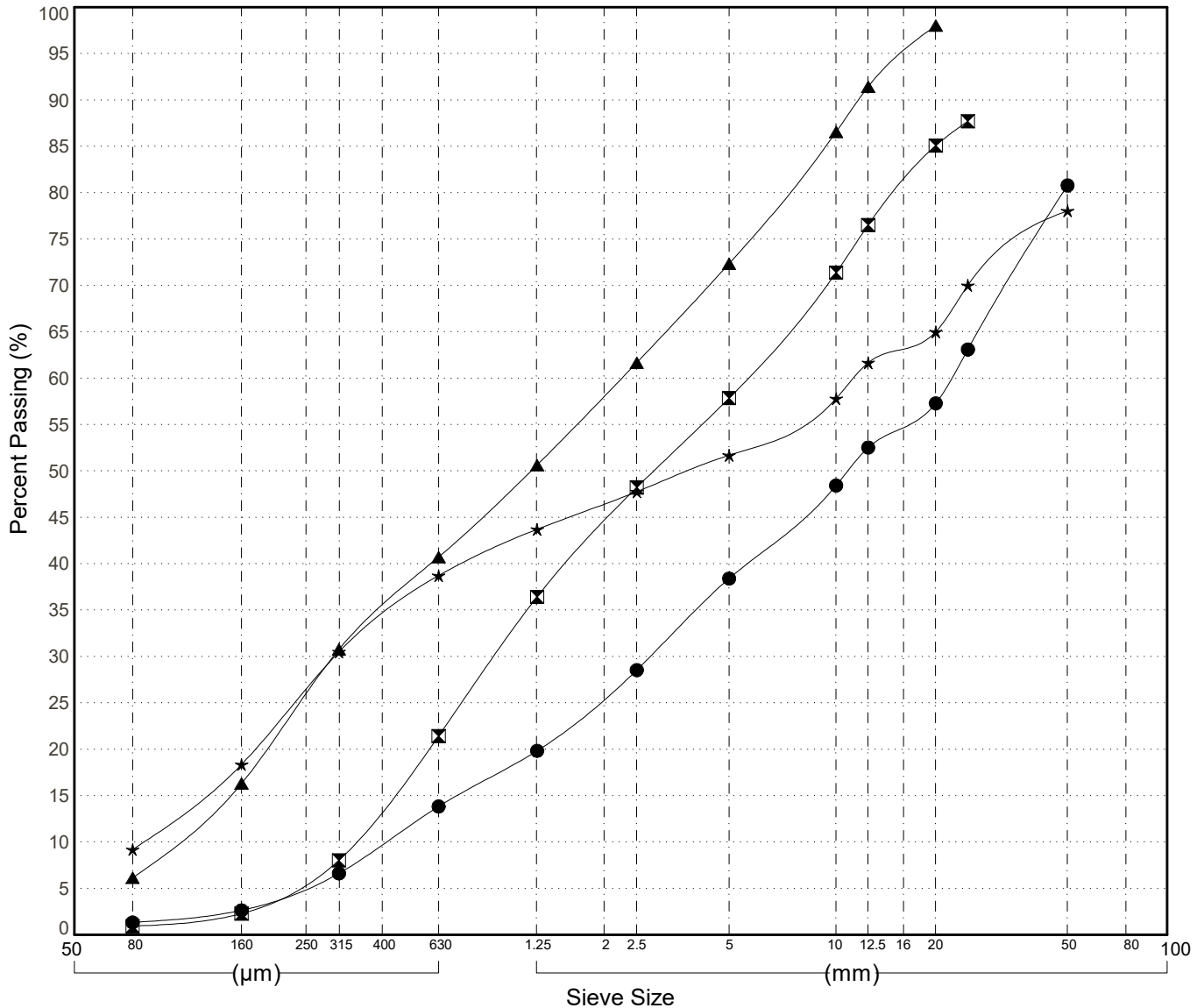
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 009	2013-272	0.5 to 1.0	POORLY GRADED GRAVEL with SAND(GP)	5.7	NP	NP	NP	0.8	50.9	0.44
☒ 010	2013-273	1.5 to 2.0	POORLY GRADED SAND with GRAVEL(SP)	1.9	NP	NP	NP	0.5	15.3	0.35
▲ 011	2013-274	3.3 to 4.0	POORLY GRADED SAND with SILT and GRAVEL(SP-SM)	11.0	NP	NP	NP	0.4	22.5	0.10
★ 012	2013-275	4.3 to 4.8	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	4.5	NP	NP	NP	0.1	141.5	0.08

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
●	009	2013-272	100.0	100.0	80.8	63.1	57.3	52.5	48.4	38.4	25.7	16.5	9.7	5.3	2.6	1.3	42.4	37.1		1.3
☒	010	2013-273	100.0	100.0	100.0	87.7	85.1	76.5	71.4	57.9	44.4	28.0	13.8	6.1	2.3	0.9	29.8	56.9		0.9
▲	011	2013-274	100.0	100.0	100.0	100.0	98.0	91.4	86.5	72.3	58.1	45.1	35.1	25.8	16.3	6.1	25.7	66.2		6.1
★	012	2013-275	100.0	100.0	78.1	70.0	65.0	61.7	57.8	51.7	46.5	40.9	34.1	26.4	18.4	9.2	26.4	42.5		9.2

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4381
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679452.7m E616505m	ELEVATION: 753m

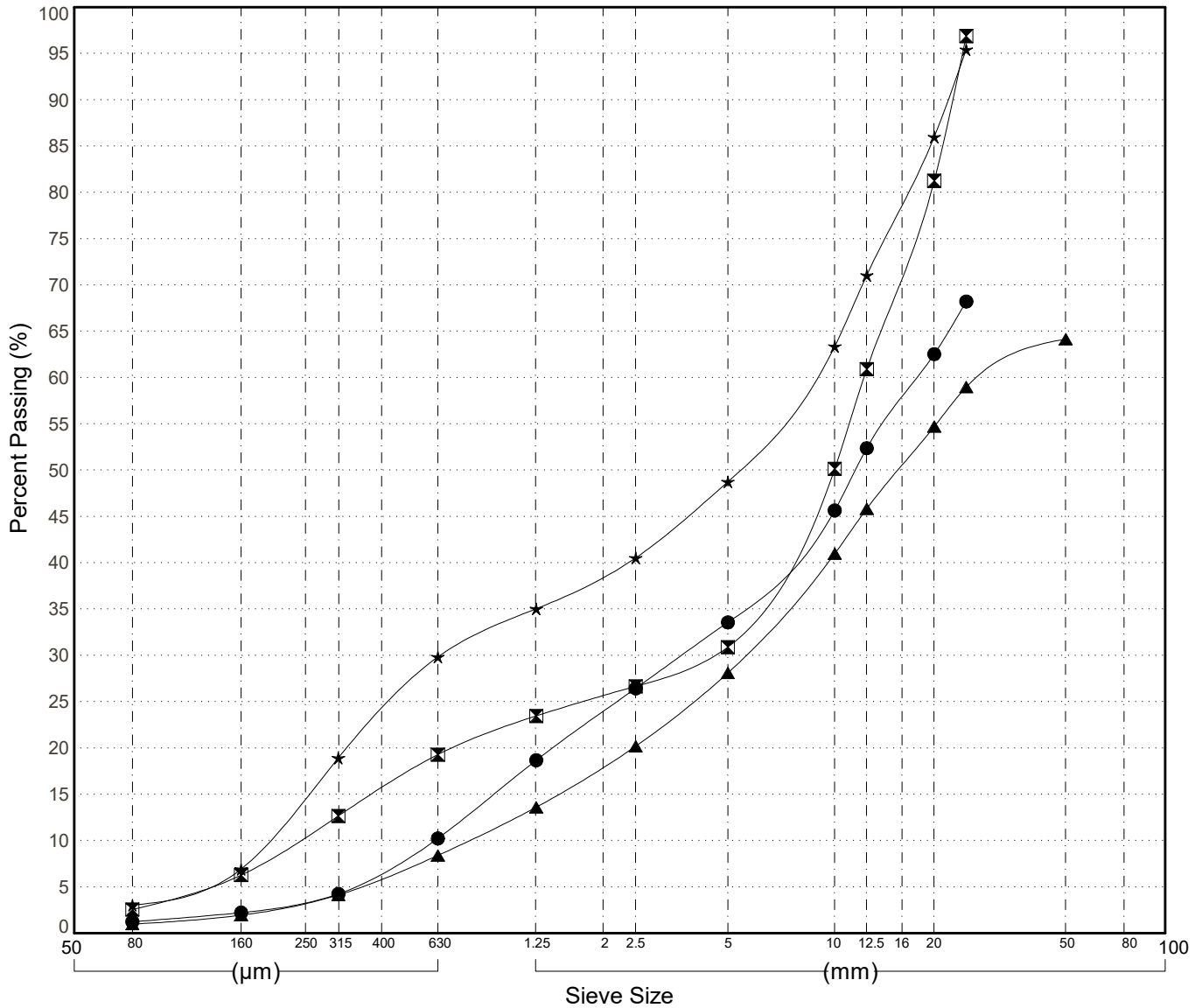
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 013	2013-276	0.5 to 1.0	WELL-GRADED GRAVEL with SAND(GW)	3.2	NP	NP	NP	1.1	29.0	0.61
☒ 014	2013-277	2.0 to 2.5	POORLY GRADED GRAVEL with SAND(GP)	4.4	NP	NP	NP	5.9	51.6	0.24
▲ 015	2013-278	3.3 to 3.8	WELL-GRADED GRAVEL with SAND(GW)	2.0	NP	NP	NP	1.3	36.9	0.78
★ 016	2013-279	4.5 to 5.0	POORLY GRADED GRAVEL with SAND(GP)	7.1	NP	NP	NP	0.3	44.2	0.19

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
●	013	2013-276	100.0	100.0	100.0	68.2	62.5	52.4	45.7	33.6	23.9	13.9	6.8	3.5	2.2	1.2	34.7	32.3	1.2	1.2
☒	014	2013-277	100.0	100.0	100.0	96.9	81.2	60.9	50.1	30.9	25.6	21.1	15.5	10.5	6.3	2.6	66.0	28.3	2.6	2.6
▲	015	2013-278	100.0	100.0	64.2	59.0	54.7	45.8	41.0	28.1	18.1	10.7	6.0	3.4	1.9	1.0	36.1	27.1	1.0	1.0
★	016	2013-279	100.0	100.0	100.0	95.4	86.0	71.0	63.4	48.7	38.8	32.1	23.6	14.8	6.9	3.0	46.7	45.7	3.0	3.0

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



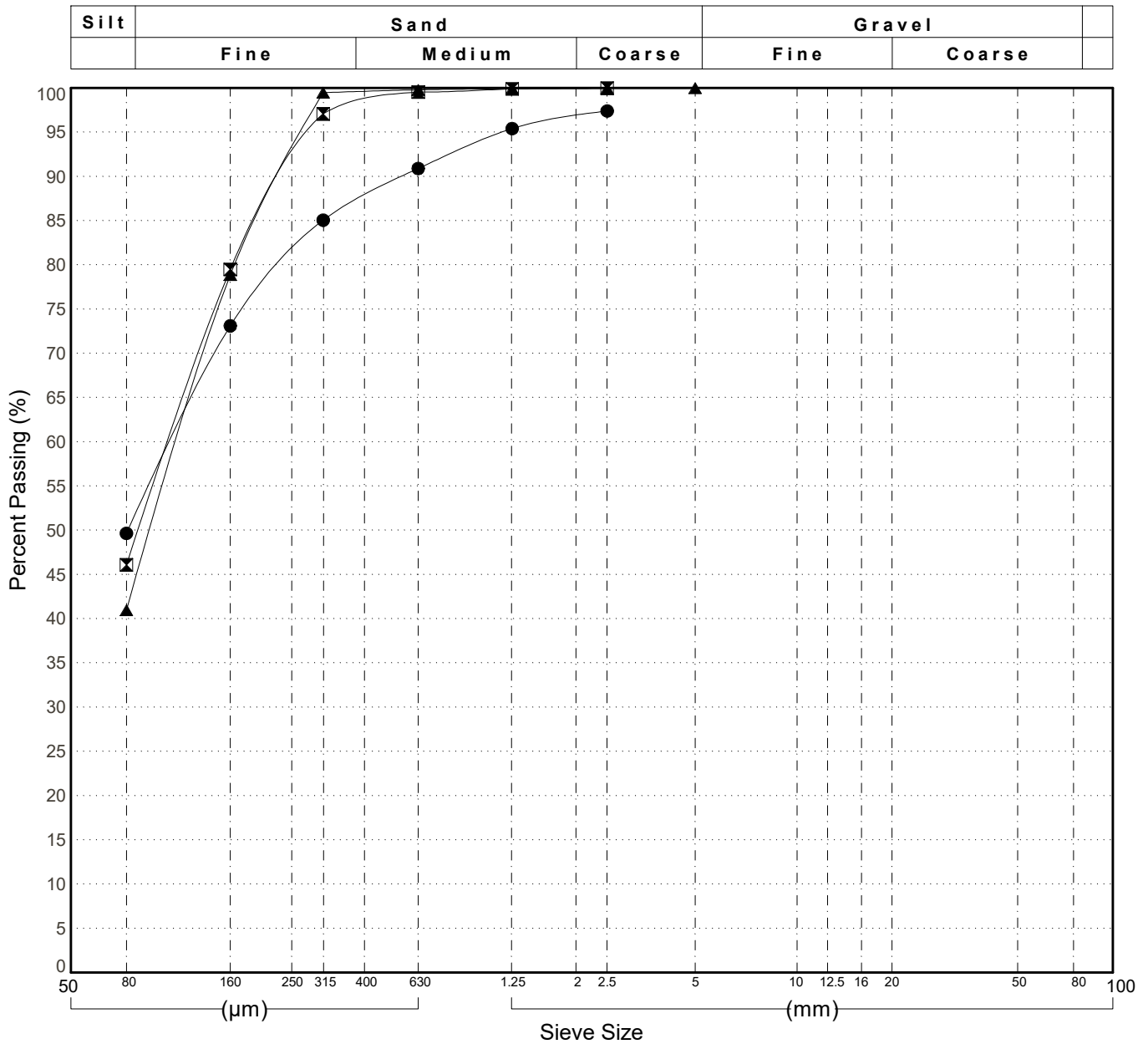
GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4382
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679428.5m E616608.5m	ELEVATION: 749m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 017	2013-280	0.4 to 0.8	SILTY SAND(SM)	15.2	NP	NP	NP			
☒ 018	2013-281	1.4 to 2.0	SILTY SAND(SM)	22.5	NP	NP	NP			
▲ 019	2013-282	3.5 to 4.0	SILTY SAND(SM)	25.0	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														
●	017	2013-280	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	92.9	87.6	81.0	73.1	49.6			47.8	49.6	
☒	018	2013-281	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.7	98.1	91.1	79.5	46.1			53.9	46.1	
▲	019	2013-282	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.8	99.6	92.4	78.8	41.0			59.0	41.0	



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4383
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679512m E616692.6m	ELEVATION: 720m

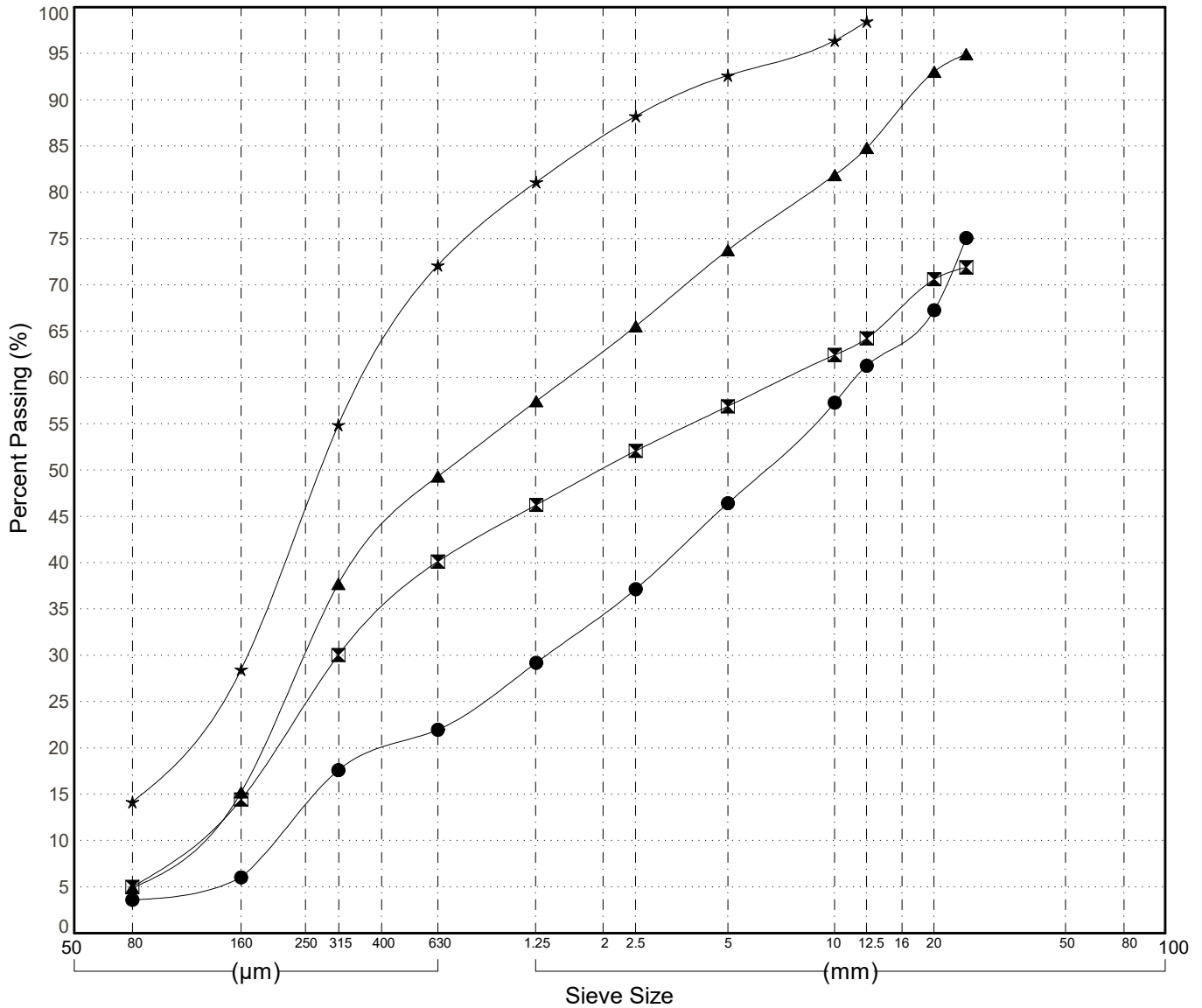
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 020	2013-283	0.4 to 0.8	POORLY GRADED GRAVEL with SAND(GP)	7.6	NP	NP	NP	0.8	57.6	0.20
☒ 021	2013-284	1.4 to 2.0	POORLY GRADED SAND with SILT and GRAVEL(SP-SM)	3.0	NP	NP	NP	0.1	64.3	0.11
▲ 022	2013-285	3.0 to 3.5	POORLY GRADED SAND with GRAVEL(SP)	9.8	NP	NP	NP	0.4	14.2	0.11
★ 023	2013-286	4.0 to 4.6	SILTY SAND(SM)	7.5	NP	NP	NP			

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
●	020	2013-283	100.0	100.0	100.0	75.1	67.3	61.3	57.3	46.4	34.6	25.1	19.5	13.7	6.0	3.6	28.6	42.8	3.6	
☒	021	2013-284	100.0	100.0	100.0	71.9	70.6	64.2	62.4	56.9	50.2	42.8	34.4	24.7	14.4	5.0	15.0	51.9	5.0	
▲	022	2013-285	100.0	100.0	100.0	94.9	93.0	84.8	81.9	73.8	62.9	52.9	42.7	30.0	15.2	4.9	21.2	68.9	4.9	
★	023	2013-286	100.0	100.0	100.0	100.0	98.5	96.4	92.6	85.9	76.0	62.3	45.9	28.5	14.2	5.8	78.5	14.2		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4384
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679677.3m E616871.4m	ELEVATION: 732m

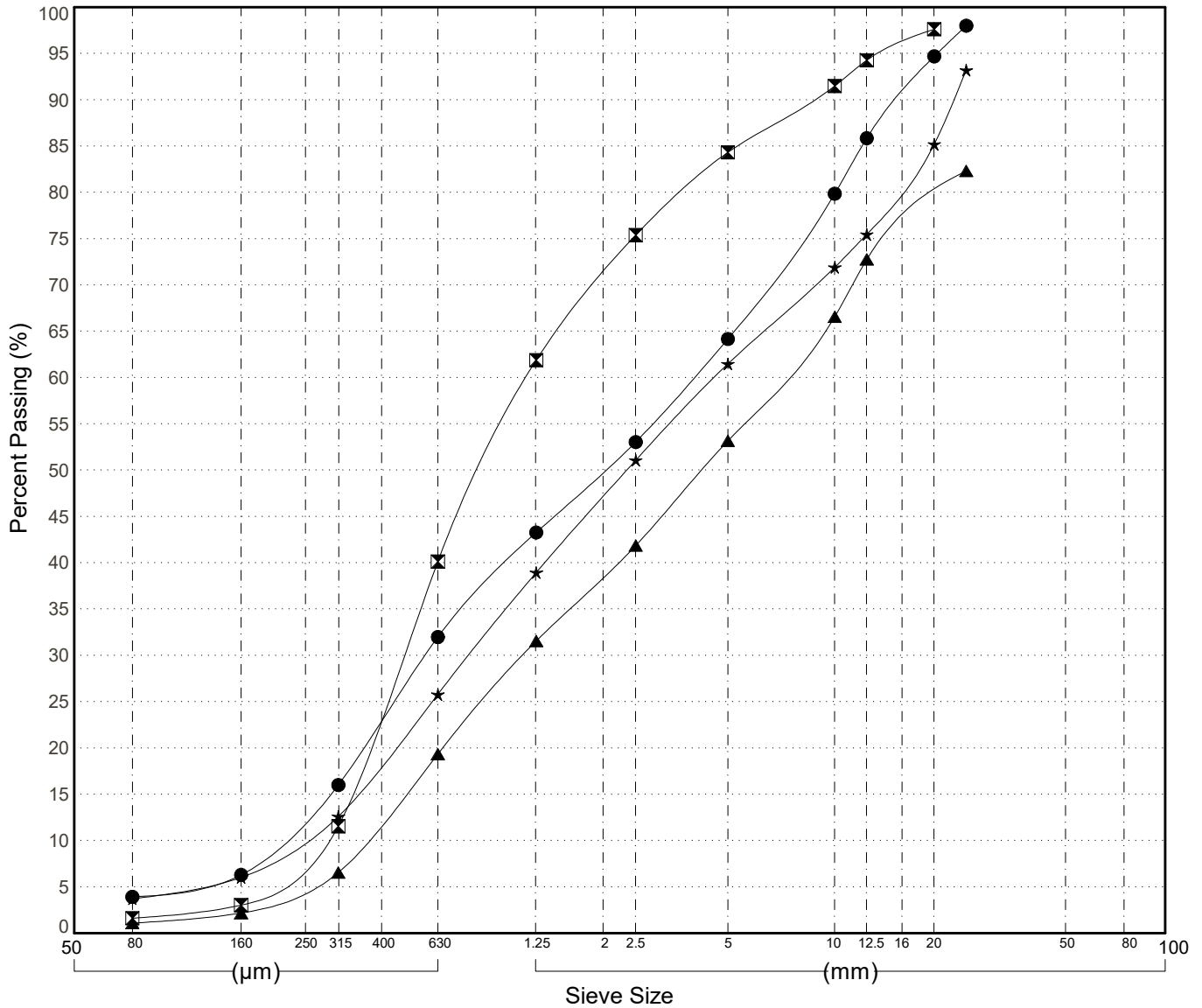
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 024	2013-287	0.6 to 1.0	POORLY GRADED SAND with GRAVEL(SP)	3.7	NP	NP	NP	0.4	18.0	0.21
☒ 025	2013-288	1.6 to 2.0	POORLY GRADED SAND with GRAVEL(SP)	3.7	NP	NP	NP	0.7	4.2	0.28
▲ 026	2013-289	3.2 to 3.8	POORLY GRADED SAND with GRAVEL(SP)	6.4	NP	NP	NP	0.5	18.3	0.38
★ 027	2013-290	4.2 to 4.6	POORLY GRADED SAND with GRAVEL(SP)	3.0	NP	NP	NP	0.6	18.0	0.24

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
●	024	2013-287	100.0	100.0	100.0	98.0	94.7	85.9	79.9	64.2	49.9	36.9	22.9	12.7	6.3	3.9	33.8	60.3	3.9	
☒	025	2013-288	100.0	100.0	100.0	100.0	97.6	94.3	91.5	84.3	71.0	49.6	23.9	8.6	3.0	1.6	13.3	82.7	1.6	
▲	026	2013-289	100.0	100.0	100.0	82.3	79.2	72.8	66.6	53.2	38.5	24.7	12.1	5.1	2.2	1.1	29.1	52.1	1.1	
★	027	2013-290	100.0	100.0	100.0	93.2	85.2	75.5	71.9	61.5	47.2	31.5	18.3	10.4	6.0	3.7	31.7	57.8	3.7	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4385
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679763.7m E617020.7m	ELEVATION: 729m

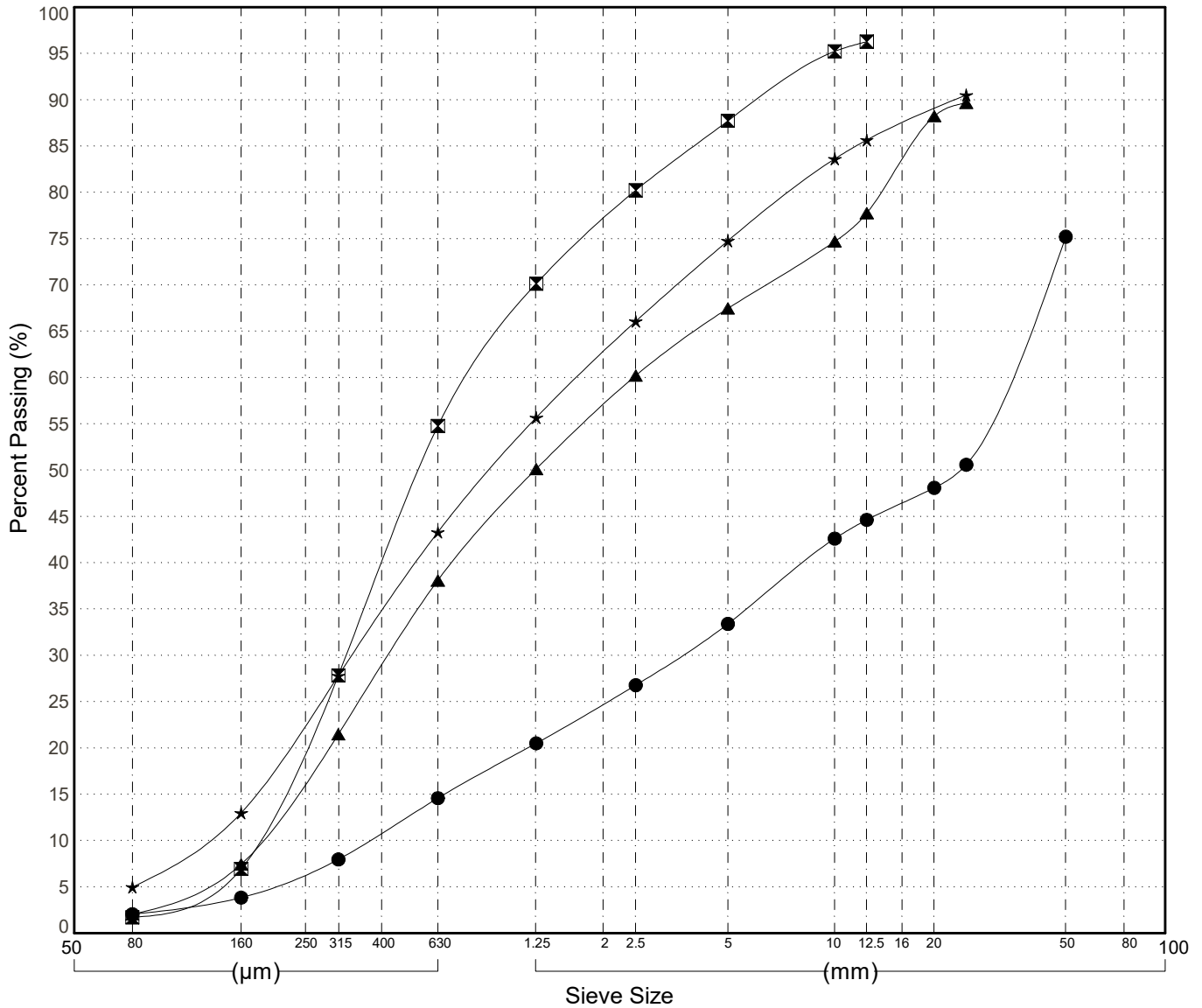
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 028	2013-291	0.6 to 1.2	POORLY GRADED GRAVEL with SAND(GP)	5.5	NP	NP	NP	0.9	83.5	0.39
☒ 029	2013-292	1.5 to 2.0	POORLY GRADED SAND(SP)	4.4	NP	NP	NP	0.8	4.5	0.18
▲ 030	2013-293	3.0 to 3.5	POORLY GRADED SAND with GRAVEL(SP)	10.5	NP	NP	NP	0.5	13.6	0.18
★ 031	2013-294	4.0 to 4.6	POORLY GRADED SAND with GRAVEL(SP)	3.2	NP	NP	NP	0.6	13.8	0.12

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		
●	028	2013-291	100.0	100.0	75.2	50.6	48.1	44.6	42.6	33.4	24.8	17.2	10.8	6.6	3.8	2.0	41.8	31.3		2.0		
☒	029	2013-292	100.0	100.0	100.0	100.0	100.0	96.3	95.2	87.7	77.0	61.5	39.5	20.7	6.9	1.7	8.6	86.0		1.7		
▲	030	2013-293	100.0	100.0	100.0	89.7	88.2	77.8	74.7	67.5	57.0	43.4	28.7	16.7	7.4	2.0	22.2	65.4		2.0		
★	031	2013-294	100.0	100.0	100.0	90.5	88.9	85.7	83.6	74.8	62.7	48.7	34.5	22.7	13.0	5.0	15.7	69.8		5.0		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

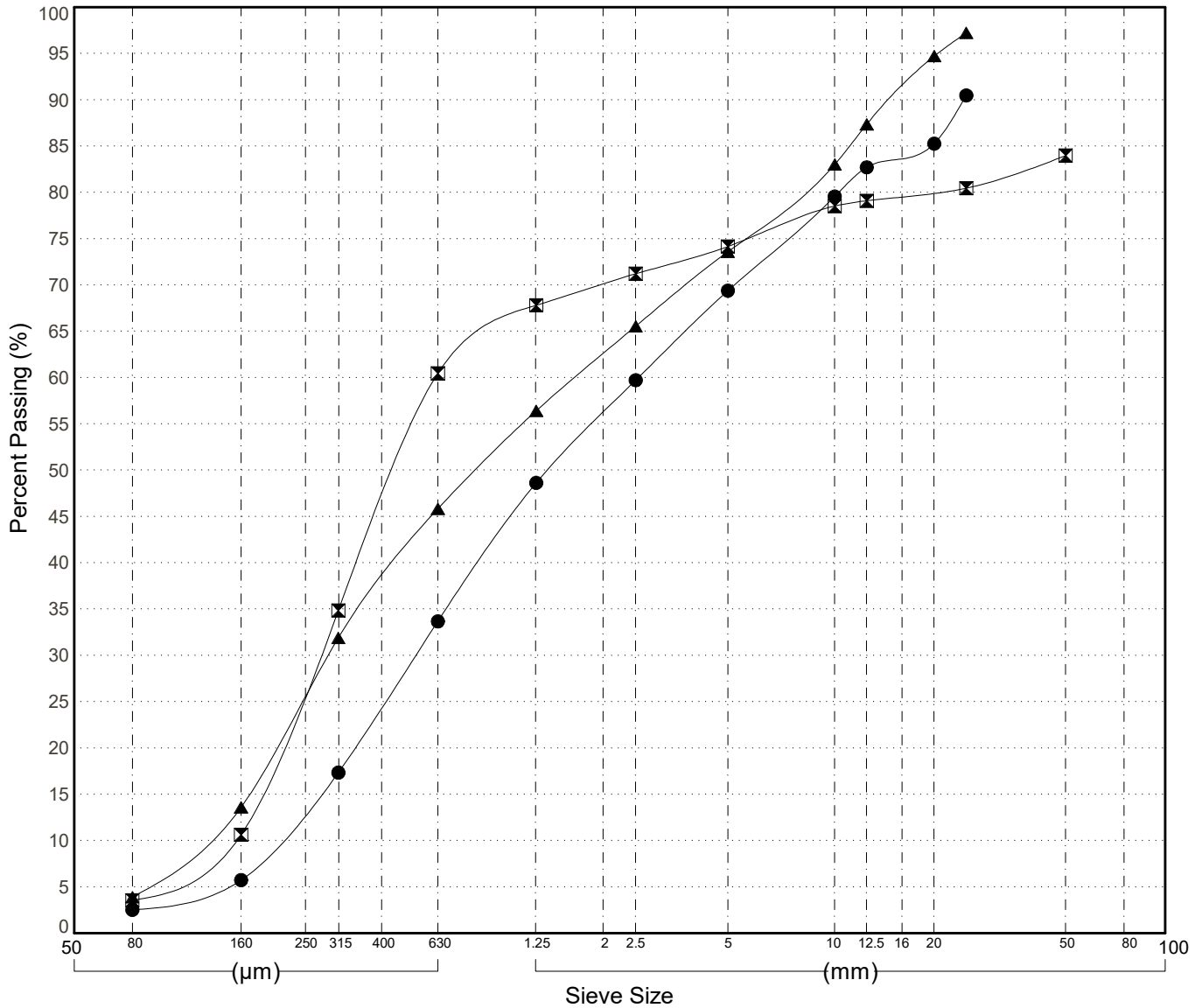


GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4386
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679641.7m E616749.8m	ELEVATION: 716m

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Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10											
● 032	2013-295	0.6 to 1.2	POORLY GRADED SAND with GRAVEL(SP)	6.6	NP	NP	NP	0.6	12.4	0.21											
☒ 033	2013-296	2.5 to 3.0	POORLY GRADED SAND with GRAVEL(SP)	3.5	NP	NP	NP	0.8	4.2	0.15											
▲ 034	2013-297	4.2 to 4.6	POORLY GRADED SAND with GRAVEL(SP)	11.3	NP	NP	NP	0.4	13.6	0.12											
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					
																Gravel	Sand	Silt	Clay		
●	032	2013-295	100.0	100.0	100.0	90.5	85.3	82.7	79.6	69.4	56.1	40.2	24.4	13.4	5.7	2.5	21.1	66.9		2.5	
☒	033	2013-296	100.0	100.0	84.0	80.4	80.0	79.1	78.5	74.1	70.1	63.7	45.9	26.6	10.6	3.6	9.8	70.6		3.6	
▲	034	2013-297	100.0	100.0	100.0	97.2	94.7	87.4	83.0	73.6	62.6	50.5	37.9	25.6	13.6	3.9	23.6	69.7		3.9	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4387
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679589.8m E616600m	ELEVATION: 711m

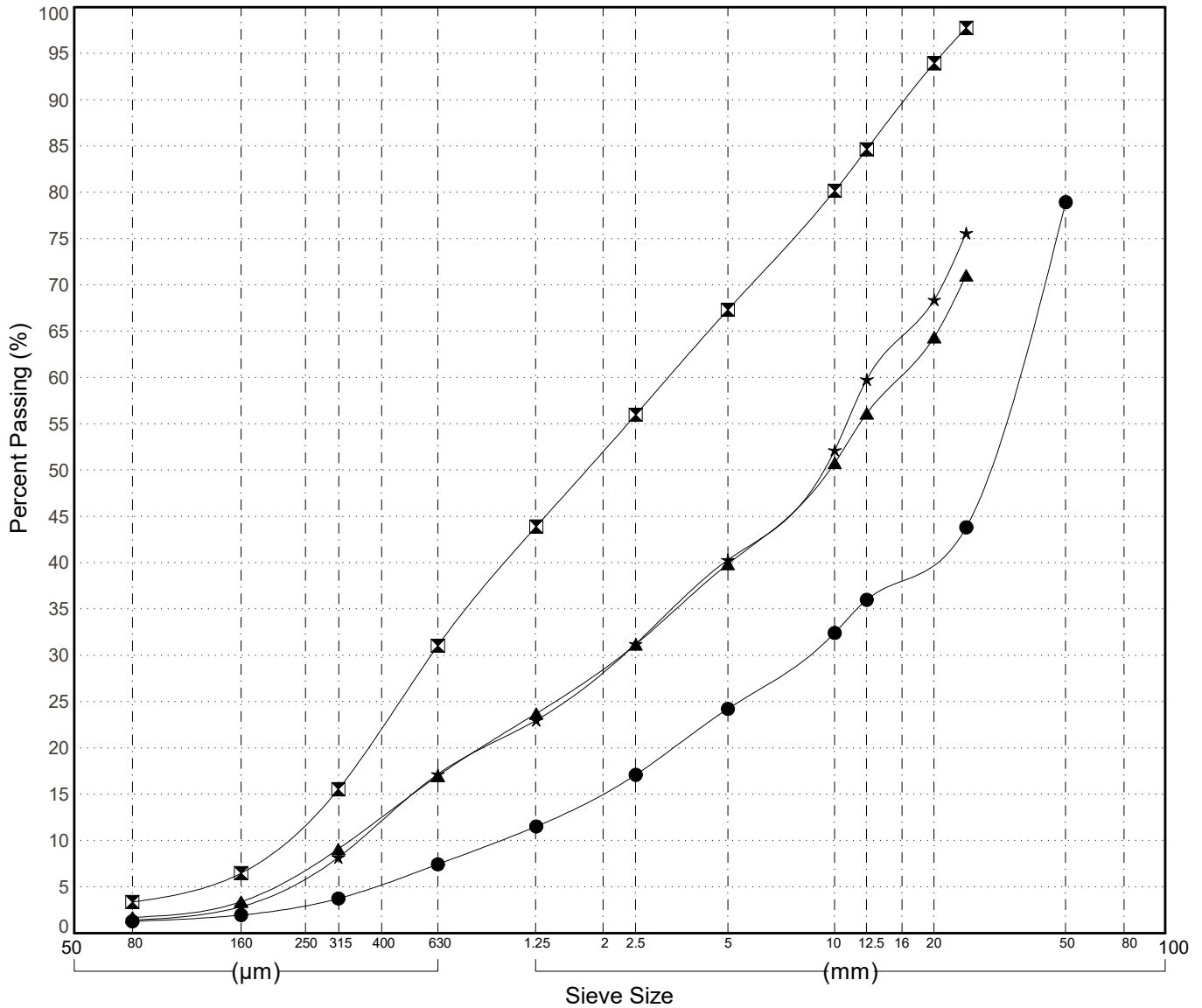
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 035	2013-298	0.5 to 1.0	WELL-GRADED GRAVEL with SAND(GW)	3.2	NP	NP	NP	1.9	35.5	0.97
☒ 036	2013-299	1.6 to 2.0	POORLY GRADED SAND with GRAVEL(SP)	8.7	NP	NP	NP	0.6	15.1	0.21
▲ 037	2013-300	3.0 to 3.5	POORLY GRADED GRAVEL with SAND(GP)	2.7	NP	NP	NP	0.9	45.7	0.34
★ 038	2013-301	4.5 to 5.0	WELL-GRADED GRAVEL with SAND(GW)	5.6	NP	NP	NP	1.1	34.9	0.36

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
●	035	2013-298	100.0	100.0	78.9	43.8	41.3	36.0	32.4	24.2	15.3	9.2	5.3	3.1	2.0	1.3	54.7	22.9		1.3
☒	036	2013-299	100.0	100.0	100.0	97.8	93.9	84.7	80.2	67.3	52.1	36.7	22.2	12.5	6.5	3.4	30.4	64.0		3.4
▲	037	2013-300	100.0	100.0	100.0	71.0	64.4	56.1	50.8	39.9	28.8	19.9	12.5	7.1	3.4	1.7	31.2	38.2		1.7
★	038	2013-301	100.0	100.0	100.0	75.6	68.4	59.8	52.2	40.3	28.6	19.7	12.1	6.4	2.9	1.4	35.3	38.9		1.4

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4388
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679504m E616419.1m	ELEVATION: 740m

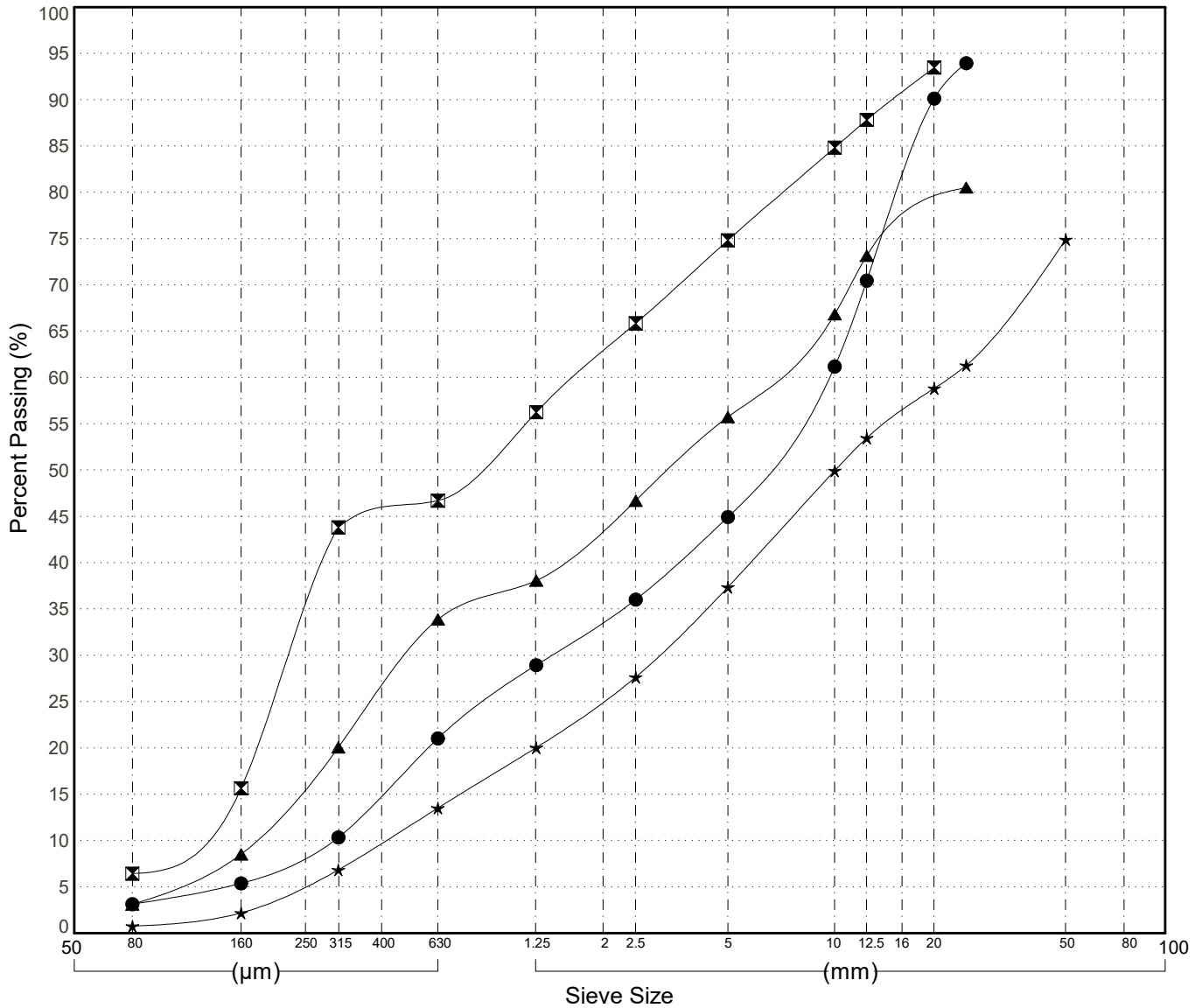
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 039	2013-302	0.6 to 1.2	POORLY GRADED GRAVEL with SAND(GP)	7.3	NP	NP	NP	0.7	31.5	0.30
☒ 040	2013-303	1.6 to 2.0	POORLY GRADED SAND with SILT and GRAVEL(SP-SM)	6.7	NP	NP	NP	0.3	16.3	0.10
▲ 041	2013-304	3.0 to 3.6	POORLY GRADED SAND with GRAVEL(SP)	2.0	NP	NP	NP	0.2	36.2	0.17
★ 042	2013-305	4.5 to 5.0	POORLY GRADED GRAVEL with SAND(GP)	1.7	NP	NP	NP	0.9	50.8	0.44

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
●	039	2013-302	100.0	100.0	100.0	93.9	90.1	70.5	61.2	44.9	33.7	24.5	15.0	8.6	5.4	3.1	49.0	41.8		3.1
☒	040	2013-303	100.0	100.0	100.0	100.0	93.5	87.8	84.8	74.8	62.8	50.9	45.1	34.2	15.6	6.4	18.6	68.4		6.4
▲	041	2013-304	100.0	100.0	100.0	80.5	78.2	73.2	66.8	55.7	43.9	35.7	26.0	16.1	8.5	3.1	24.8	52.6		3.1
★	042	2013-305	100.0	100.0	74.9	61.3	58.8	53.5	49.9	37.4	25.2	16.4	9.7	5.2	2.2	0.8	37.5	36.6		0.8

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4389
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679847.5m E617156.2m	ELEVATION: 735m

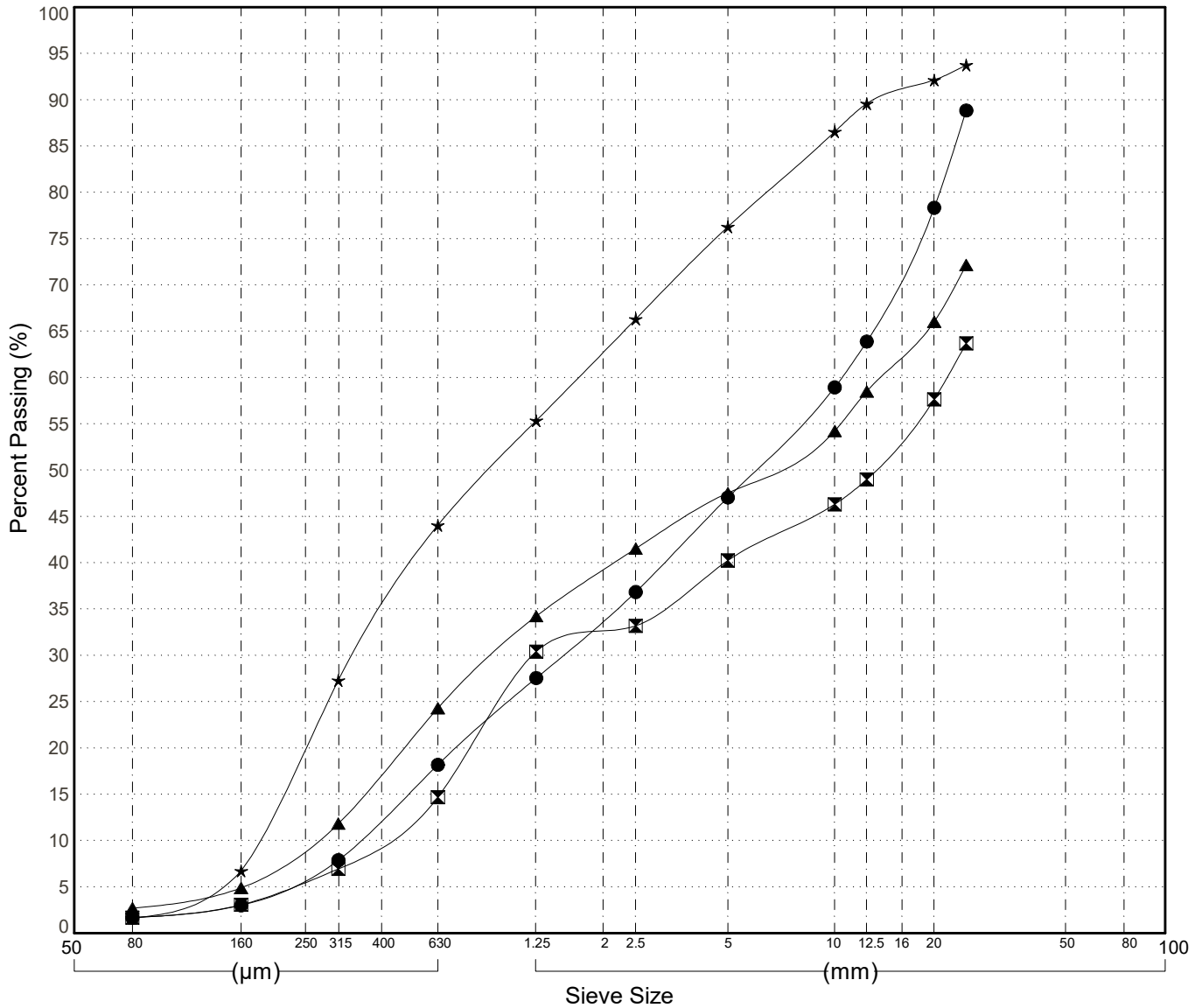
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 043	2013-306	0.6 to 1.0	POORLY GRADED GRAVEL with SAND(GP)	2.2	NP	NP	NP	0.6	28.9	0.36
☒ 044	2013-307	2.0 to 2.5	POORLY GRADED GRAVEL with SAND(GP)	1.3	NP	NP	NP	0.2	52.6	0.41
▲ 045	2013-308	3.2 to 3.8	POORLY GRADED GRAVEL with SAND(GP)	4.4	NP	NP	NP	0.2	52.1	0.26
★ 046	2013-309	4.0 to 4.6	POORLY GRADED SAND with GRAVEL(SP)	3.1	NP	NP	NP	0.4	9.4	0.18

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
●	043	2013-306	100.0	100.0	100.0	88.8	78.3	63.9	58.9	47.0	33.8	22.3	12.3	6.2	3.0	1.7	41.8	45.4	1.7	1.7
☒	044	2013-307	100.0	100.0	100.0	63.7	57.7	49.0	46.3	40.2	32.3	21.6	10.3	5.6	3.1	1.7	23.4	38.6	1.7	1.7
▲	045	2013-308	100.0	100.0	100.0	72.2	66.0	58.5	54.2	47.5	39.2	28.6	17.2	9.5	4.9	2.7	24.6	44.8	2.7	2.7
★	046	2013-309	100.0	100.0	100.0	93.8	92.1	89.6	86.5	76.3	62.8	49.0	34.5	20.3	6.7	1.6	17.5	74.7	1.6	1.6

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4390
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679933.7m E617192.8m	ELEVATION: 742m

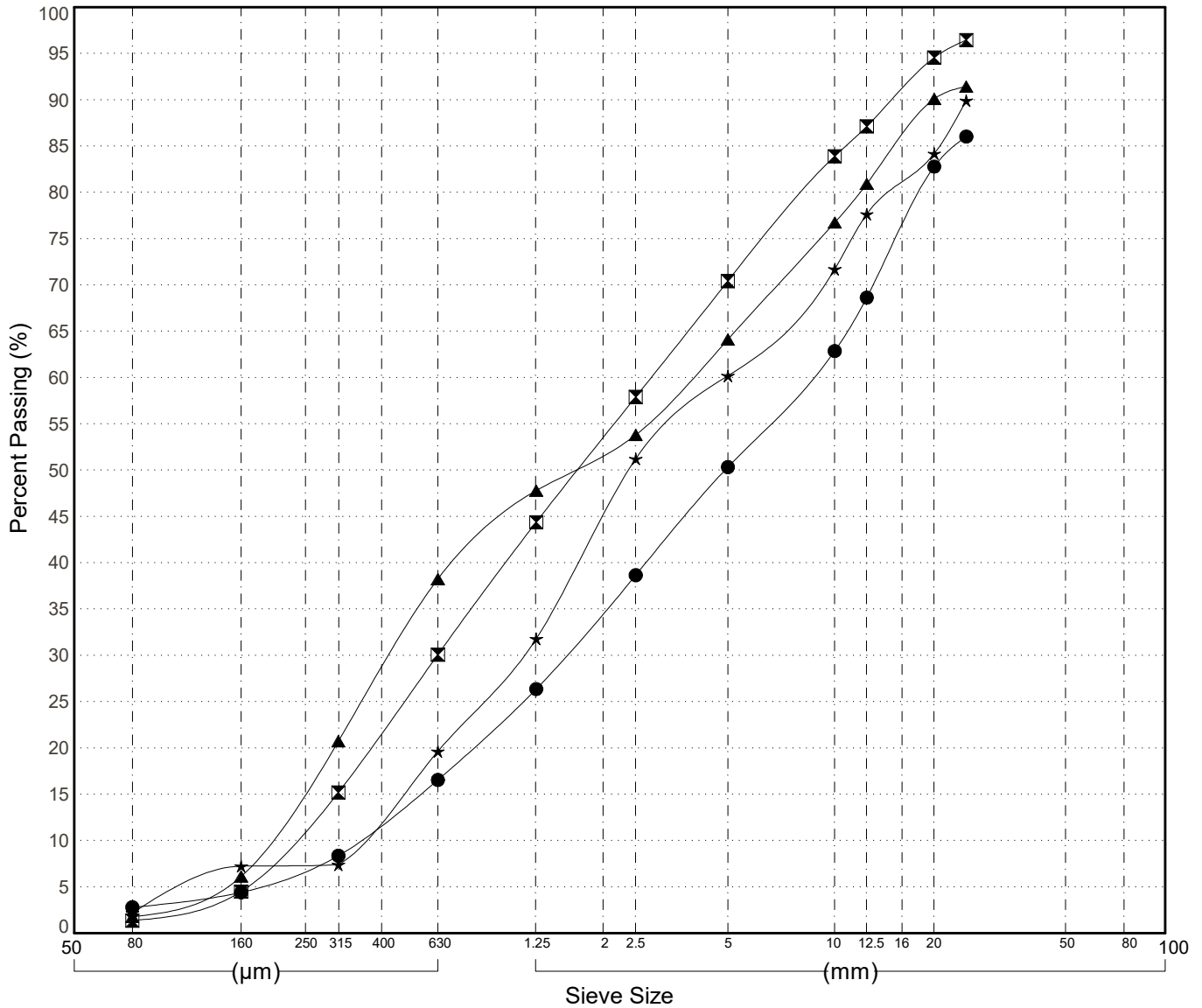
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 047	2013-310	0.5 to 1.0	POORLY GRADED GRAVEL with SAND(GP)	1.9	NP	NP	NP	0.8	23.3	0.36
☒ 048	2013-311	1.4 to 2.0	POORLY GRADED SAND with GRAVEL(SP)	10.2	NP	NP	NP	0.6	12.3	0.23
▲ 049	2013-312	2.8 to 3.4	POORLY GRADED SAND with GRAVEL(SP)	3.1	NP	NP	NP	0.3	19.2	0.19
★ 050	2013-313	4.5 to 5.0	POORLY GRADED SAND with GRAVEL(SP)	6.6	NP	NP	NP	0.7	12.8	0.37

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		
●	047	2013-310	100.0	100.0	100.0	86.0	82.8	68.6	62.9	50.3	34.7	20.8	11.9	7.0	4.4	2.8	35.7	47.5		2.8		
☒	048	2013-311	100.0	100.0	100.0	96.5	94.6	87.1	83.9	70.4	53.6	36.3	21.6	11.5	4.5	1.4	26.0	69.1		1.4		
▲	049	2013-312	100.0	100.0	100.0	91.4	90.1	80.9	76.7	64.1	51.9	42.4	28.3	15.7	6.1	1.8	27.3	62.3		1.8		
★	050	2013-313	100.0	100.0	100.0	89.9	84.2	77.6	71.7	60.2	45.0	24.9	12.7	7.3	7.2	2.2	29.7	58.0		2.2		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4391
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679893.8m E617272.2m	ELEVATION: 750m

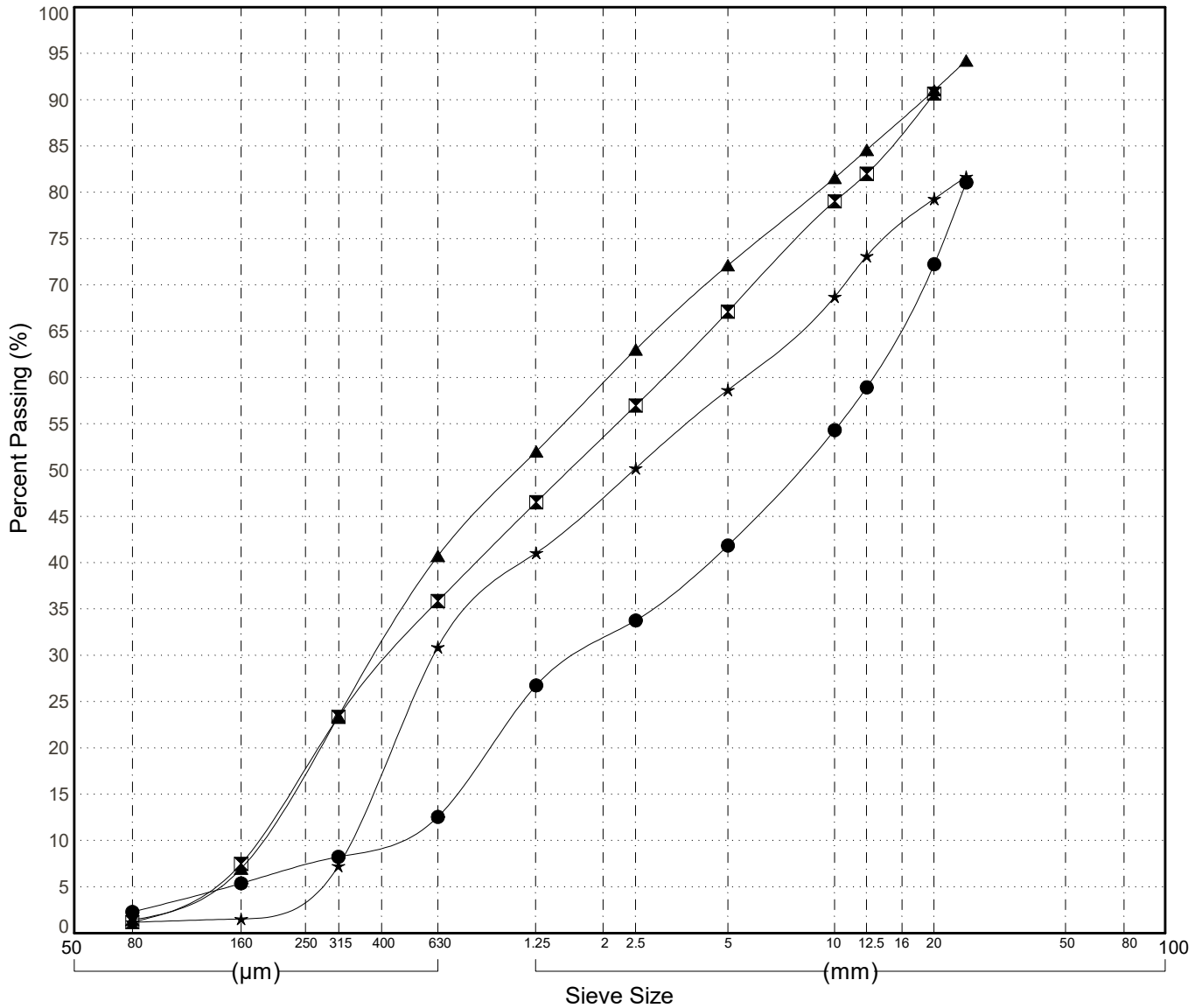
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 051	2013-314	0.2 to 0.6	POORLY GRADED GRAVEL with SAND(GP)	5.1	NP	NP	NP	0.5	31.0	0.42
☒ 052	2013-315	1.0 to 1.5	POORLY GRADED SAND with GRAVEL(SP)	5.7	NP	NP	NP	0.4	17.0	0.18
▲ 053	2013-316	2.5 to 3.0	POORLY GRADED SAND with GRAVEL(SP)	6.9	NP	NP	NP	0.4	11.4	0.18
★ 054	2013-317	4.2 to 4.8	POORLY GRADED SAND with GRAVEL(SP)	2.3	NP	NP	NP	0.2	15.4	0.34

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
●	051	2013-314	100.0	100.0	100.0	81.1	72.2	58.9	54.3	41.9	31.5	18.8	10.1	7.3	5.4	2.3	39.2	39.6		2.3
☒	052	2013-315	100.0	100.0	100.0	100.0	90.7	82.0	79.0	67.1	53.6	40.5	28.8	17.9	7.5	1.2	23.6	65.9		1.2
▲	053	2013-316	100.0	100.0	100.0	94.2	91.0	84.6	81.6	72.1	59.5	45.7	30.9	17.8	7.0	1.4	22.1	70.7		1.4
★	054	2013-317	100.0	100.0	100.0	81.7	79.3	73.1	68.7	58.7	47.3	35.3	17.5	5.3	1.5	1.2	23.0	57.5		1.2

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4392
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679817.9m E617328.9m	ELEVATION: 751m

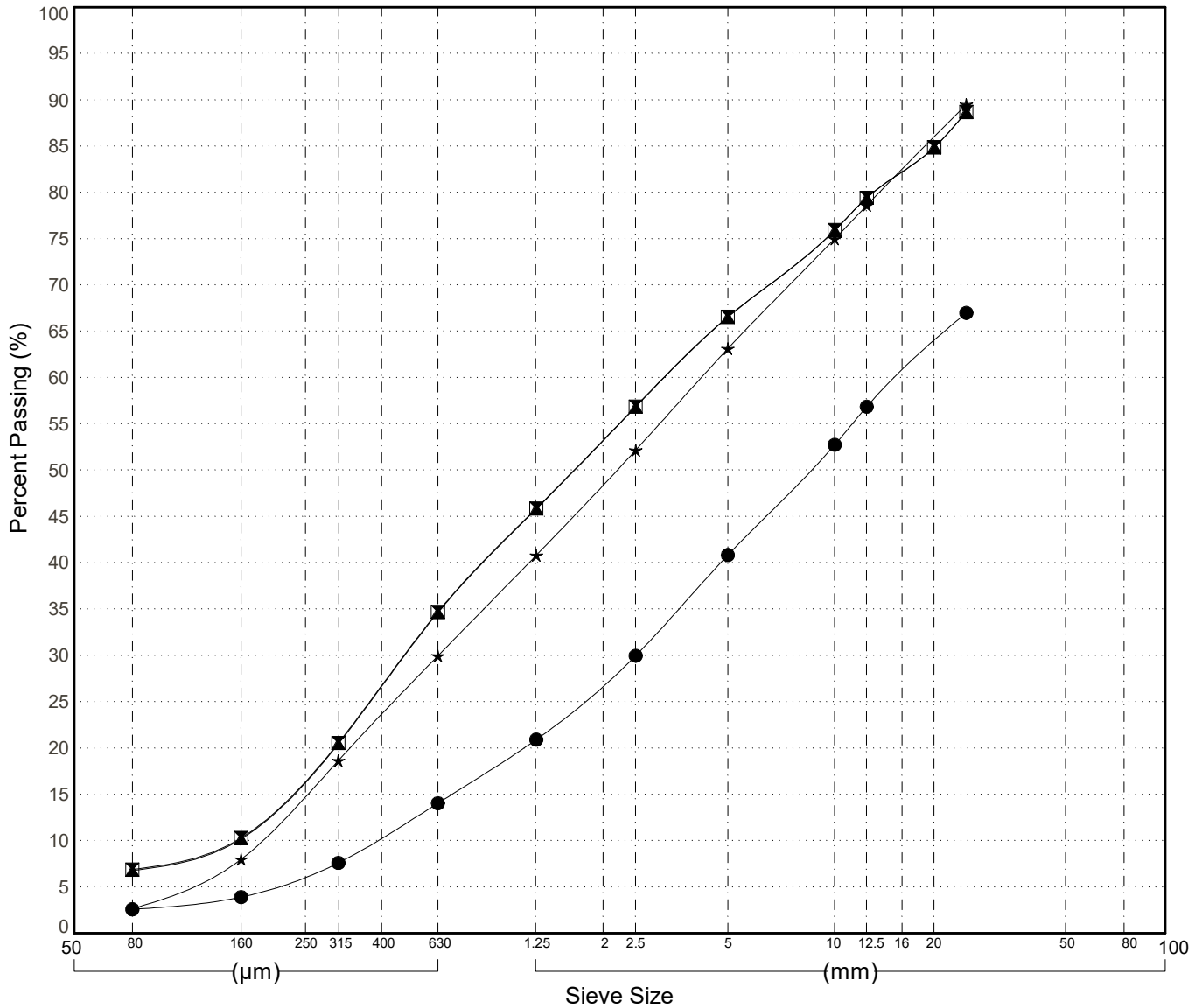
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 055	2013-318	0.4 to 0.8	POORLY GRADED GRAVEL with SAND(GP)	5.0	NP	NP	NP	1.0	38.0	0.41
☒ 056	2013-319	1.6 to 2.0	POORLY GRADED SAND with SILT and GRAVEL(SP-SM)	4.7	NP	NP	NP	0.5	20.5	0.15
▲ 057	2013-320	2.8 to 3.3	POORLY GRADED SAND with SILT and GRAVEL(SP-SM)	2.5	NP	NP	NP	0.5	20.0	0.15
★ 058	2013-321	4.0 to 4.5	POORLY GRADED SAND with GRAVEL(SP)	6.3	NP	NP	NP	0.6	21.8	0.18

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
●	055	2013-318	100.0	100.0	100.0	67.0	63.7	56.9	52.7	40.8	27.0	17.0	10.4	6.3	3.9	2.6	26.1	38.2	2.6	
☒	056	2013-319	100.0	100.0	100.0	88.7	84.9	79.4	75.9	66.6	53.3	39.6	26.7	17.0	10.3	6.9	22.1	59.7	6.9	
▲	057	2013-320	100.0	100.0	100.0	88.7	84.9	79.4	75.9	66.5	53.3	39.5	26.6	16.9	10.2	6.8	22.2	59.7	6.8	
★	058	2013-321	100.0	100.0	100.0	89.5	86.0	78.6	75.0	63.1	48.5	34.7	23.5	15.0	8.0	2.6	26.4	60.5	2.6	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4393
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679792.3m E617217.9m	ELEVATION: 752m

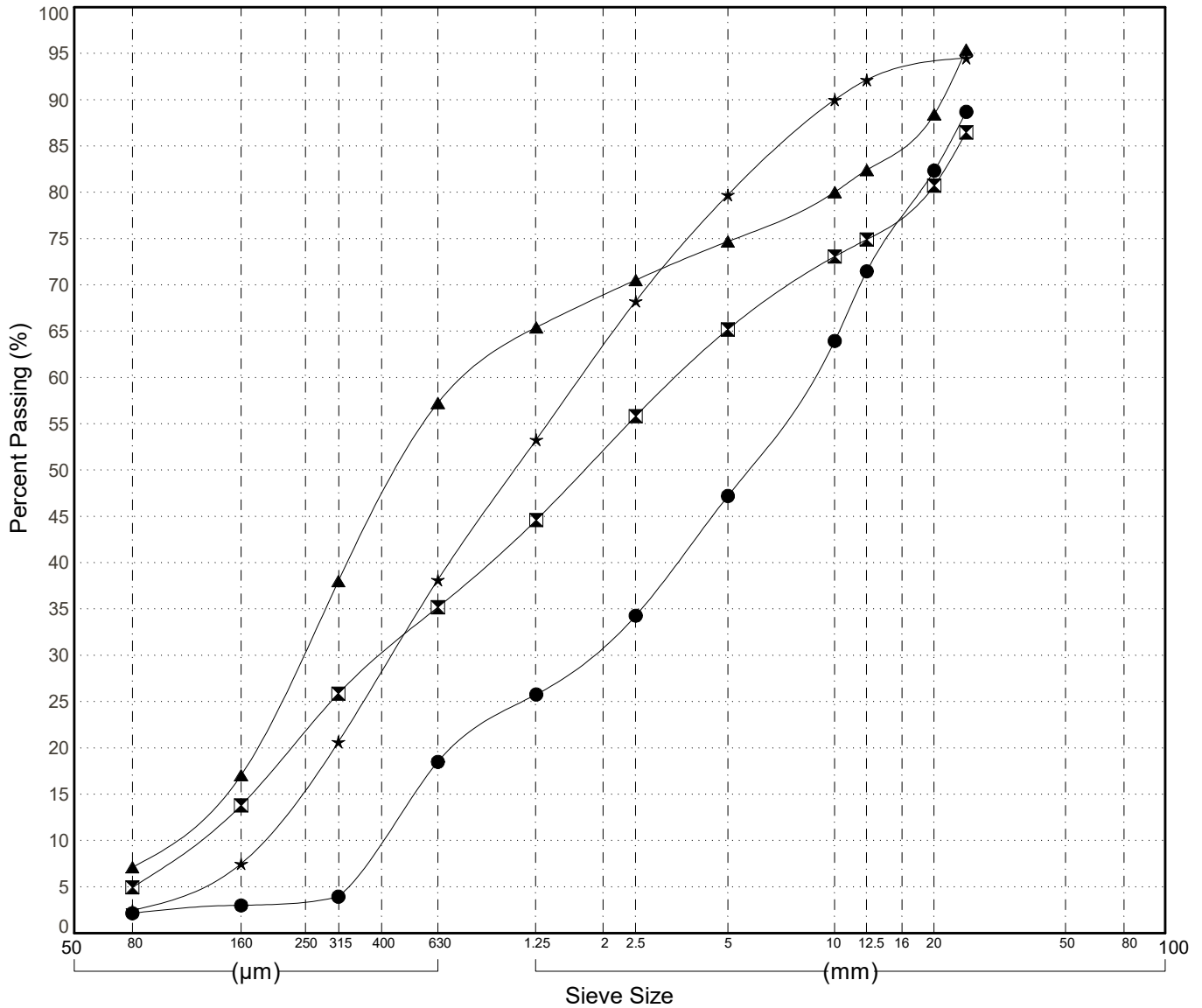
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 059	2013-322	0.3 to 0.7	POORLY GRADED GRAVEL with SAND(GP)	1.7	NP	NP	NP	0.9	20.0	0.42
☒ 060	2013-323	1.2 to 1.8	POORLY GRADED SAND with GRAVEL(SP)	9.7	NP	NP	NP	0.5	28.8	0.12
▲ 061	2013-324	2.5 to 3.0	POORLY GRADED SAND with SILT and GRAVEL(SP-SM)	4.5	NP	NP	NP	0.8	8.5	0.09
★ 062	2013-325	4.5 to 5.0	POORLY GRADED SAND with GRAVEL(SP)	3.6	NP	NP	NP	0.7	9.4	0.18

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	
●	059	2013-322	100.0	100.0	100.0	88.7	82.3	71.5	64.0	47.2	31.5	21.7	10.2	3.6	3.0	2.1	41.5	45.1		2.1	
☒	060	2013-323	100.0	100.0	100.0	86.5	80.7	74.9	73.1	65.2	52.2	39.3	29.9	21.8	13.8	4.9	21.3	60.2		4.9	
▲	061	2013-324	100.0	100.0	100.0	95.4	88.4	82.4	80.0	74.7	68.9	60.8	46.3	30.9	17.1	7.1	20.7	67.6		7.1	
★	062	2013-325	100.0	100.0	100.0	94.5	93.8	92.2	90.0	79.7	63.4	44.8	28.2	16.2	7.5	2.5	14.8	77.3		2.5	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4394
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679760.8m E617135.9m	ELEVATION: 757m

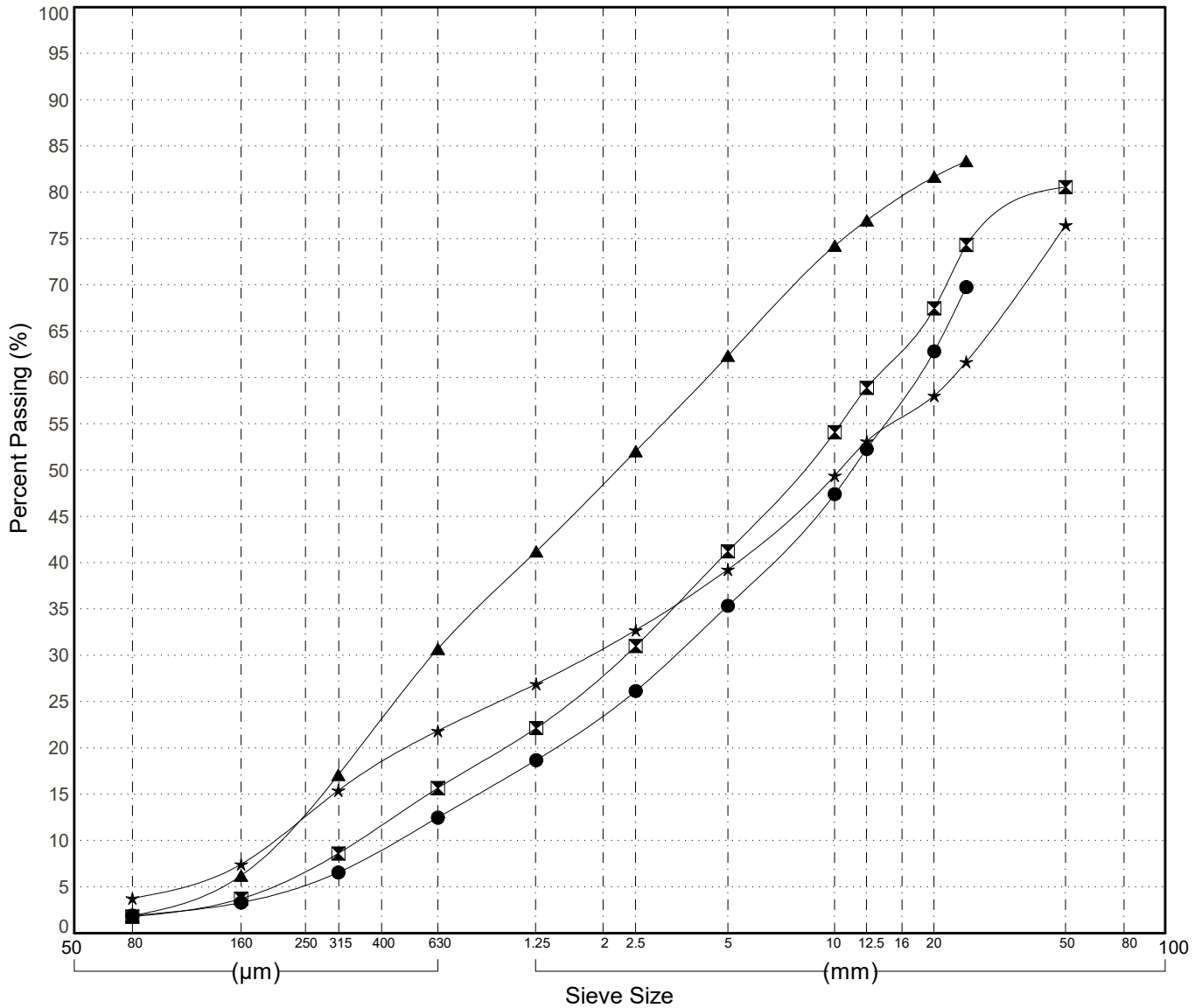
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 063	2013-326	0.4 to 0.8	WELL-GRADED GRAVEL with SAND(GW)	1.7	NP	NP	NP	1.3	37.4	0.47
☒ 064	2013-327	1.4 to 1.8	WELL-GRADED GRAVEL with SAND(GW)	3.1	NP	NP	NP	1.1	36.8	0.36
▲ 065	2013-328	2.2 to 2.8	POORLY GRADED SAND with GRAVEL(SP)	9.2	NP	NP	NP	0.4	20.3	0.20
★ 066	2013-329	4.2 to 4.8	POORLY GRADED GRAVEL with SAND(GP)	5.9	NP	NP	NP	0.7	113.4	0.20

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
●	063	2013-326	100.0	100.0	100.0	69.8	62.8	52.3	47.4	35.4	23.7	15.2	9.1	5.4	3.3	1.9	34.4	33.4		1.9
☒	064	2013-327	100.0	100.0	80.6	74.3	67.5	58.9	54.1	41.2	28.2	18.5	11.7	6.9	3.7	1.8	39.3	39.4		1.8
▲	065	2013-328	100.0	100.0	100.0	83.4	81.7	77.0	74.2	62.4	48.6	35.3	23.0	13.4	6.2	1.9	21.0	60.5		1.9
★	066	2013-329	100.0	100.0	76.5	61.7	58.0	53.1	49.4	39.3	30.9	24.1	18.2	12.7	7.4	3.8	37.2	35.5		3.8

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4395
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679651.9m E617088.7m	ELEVATION: 753m

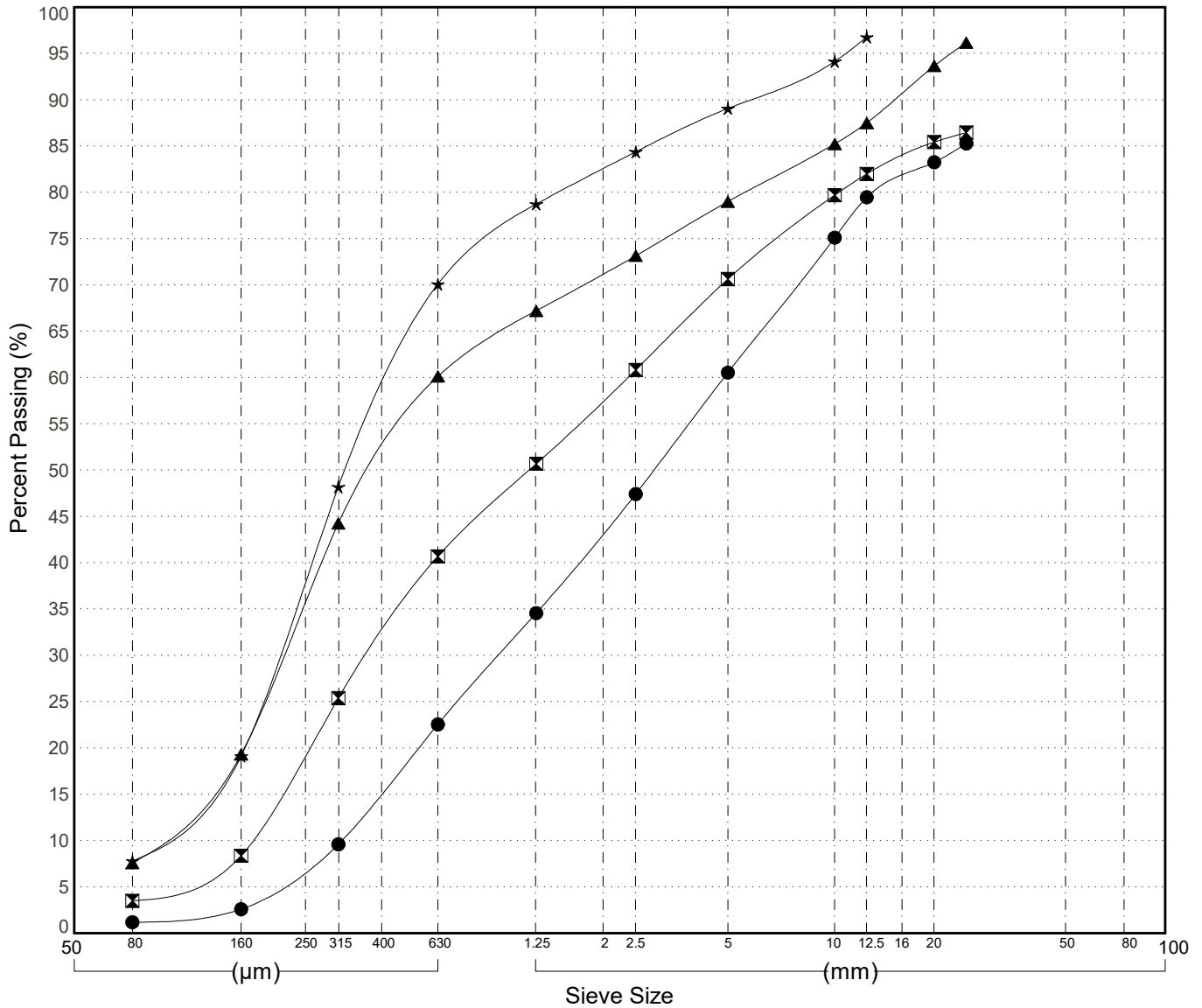
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 067	2013-330	0.4 to 0.8	POORLY GRADED SAND with GRAVEL(SP)	2.0	NP	NP	NP	0.6	14.4	0.32
☒ 068	2013-331	1.5 to 2.0	POORLY GRADED SAND with GRAVEL(SP)	6.3	NP	NP	NP	0.4	13.8	0.17
▲ 069	2013-332	2.3 to 2.8	POORLY GRADED SAND with SILT and GRAVEL(SP-SM)	14.4	NP	NP	NP	0.8	7.1	0.09
★ 070	2013-333	4.0 to 4.5	POORLY GRADED SAND with SILT(SP-SM)	15.5	NP	NP	NP	1.1	5.3	0.09

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
●	067	2013-330	100.0	100.0	100.0	85.3	83.3	79.5	75.1	60.5	43.3	27.8	15.2	7.2	2.6	1.2	24.8	59.4	1.2	1.2
☒	068	2013-331	100.0	100.0	100.0	86.5	85.4	82.0	79.7	70.6	57.6	45.1	32.0	19.6	8.4	3.5	15.8	67.1	3.5	3.5
▲	069	2013-332	100.0	100.0	100.0	96.2	93.6	87.5	85.2	79.0	71.2	63.2	51.1	35.7	19.3	7.6	17.2	71.4	7.6	7.6
★	070	2013-333	100.0	100.0	100.0	100.0	100.0	96.8	94.1	89.1	82.6	73.9	57.7	38.3	19.1	7.8	7.7	81.3	7.8	7.8

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4396
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679763.7m E617020.8m	ELEVATION: 727m

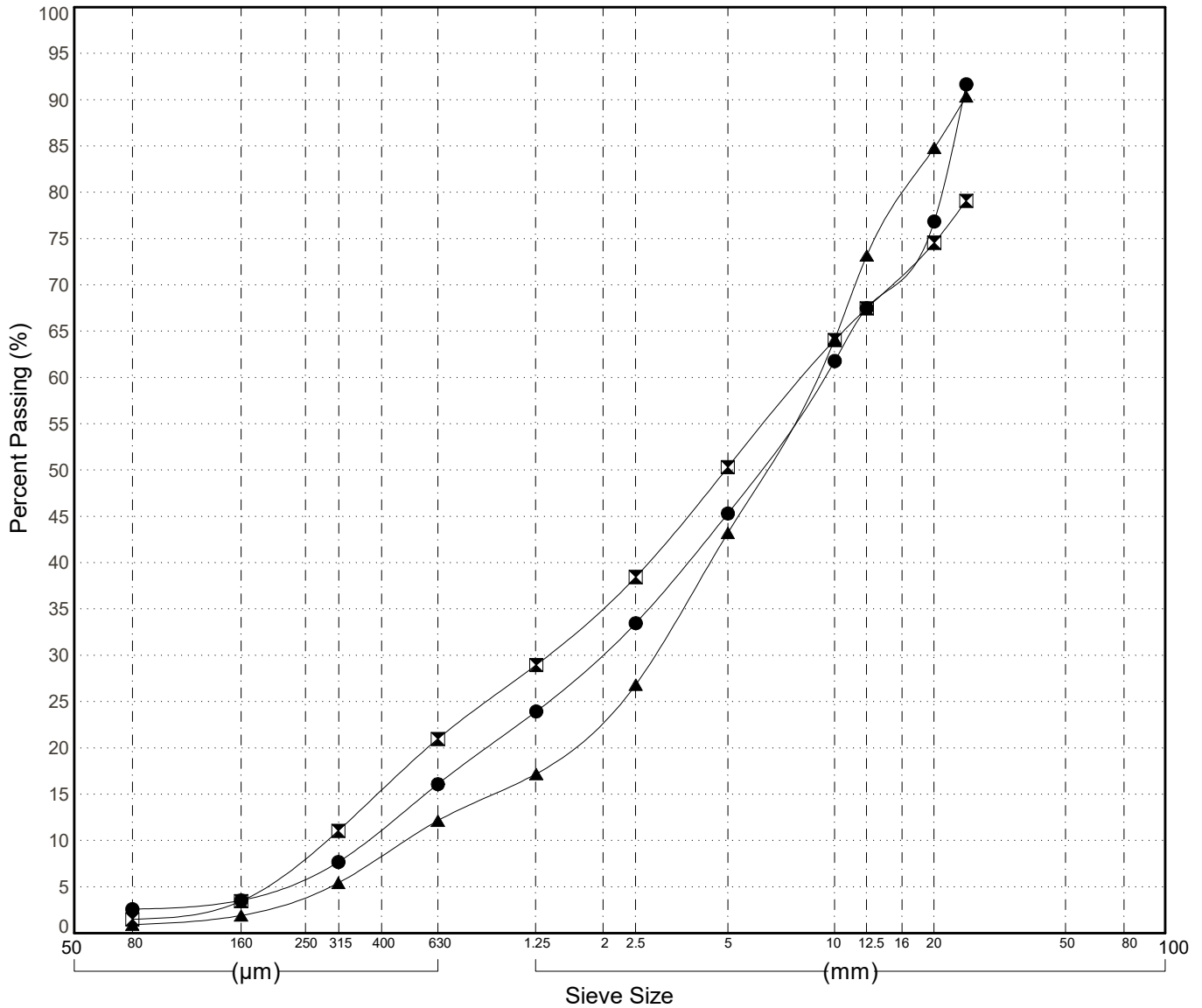
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 071	2013-334	0.5 to 1.0	WELL-GRADED GRAVEL with SAND(GW)	3.6	NP	NP	NP	1.1	24.2	0.38
☒ 072	2013-335	1.5 to 2.0	POORLY GRADED GRAVEL with SAND(GP)	2.0	NP	NP	NP	0.8	28.0	0.29
▲ 073	2013-336	3.5 to 3.8	WELL-GRADED GRAVEL with SAND(GW)	2.0	NP	NP	NP	1.8	17.1	0.50

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
●	071	2013-334	100.0	100.0	100.0	91.7	76.9	67.5	61.8	45.3	30.4	19.5	11.3	6.3	3.5	2.6	46.3	42.7	2.6	2.6
☒	072	2013-335	100.0	100.0	100.0	79.1	74.6	67.5	64.1	50.3	35.4	24.5	15.3	8.5	3.5	1.5	28.8	48.8	1.5	1.5
▲	073	2013-336	100.0	100.0	100.0	90.4	84.8	73.2	64.2	43.2	23.7	14.4	8.3	4.2	1.9	0.9	47.1	42.3	0.9	0.9

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4397
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679577.2m E616498.5m	ELEVATION: 742m

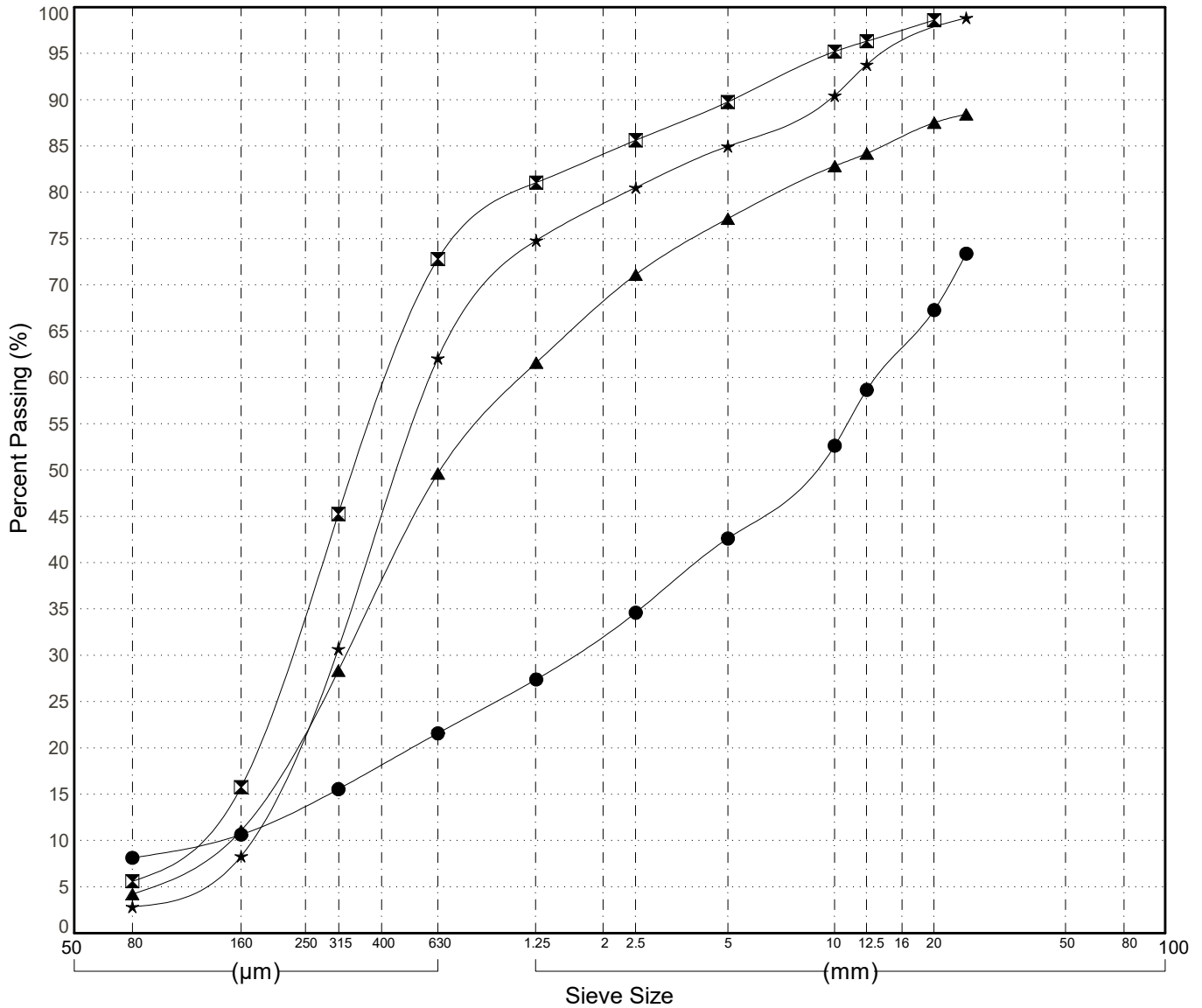
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 074	2013-337	0.3 to 0.8	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	3.9	NP	NP	NP	1.5	101.9	0.13
☒ 075	2013-338	1.5 to 2.0	POORLY GRADED SAND with SILT(SP-SM)	2.9	NP	NP	NP	1.0	4.4	0.10
▲ 076	2013-339	3.0 to 3.5	POORLY GRADED SAND with GRAVEL(SP)	2.8	NP	NP	NP	0.7	8.0	0.14
★ 077	2013-340	4.2 to 4.6	POORLY GRADED SAND with GRAVEL(SP)	9.5	NP	NP	NP	0.9	3.6	0.17

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
●	074	2013-337	100.0	100.0	100.0	73.4	67.3	58.7	52.6	42.6	32.3	24.1	18.2	13.9	10.6	8.1	30.8	34.5	8.1	
☒	075	2013-338	100.0	100.0	100.0	100.0	98.6	96.3	95.2	89.8	84.2	76.4	57.2	35.2	15.8	5.6	8.8	84.2	5.6	
▲	076	2013-339	100.0	100.0	100.0	88.4	87.5	84.2	82.8	77.2	68.0	54.9	37.5	22.4	11.1	4.2	11.3	72.9	4.2	
★	077	2013-340	100.0	100.0	100.0	98.9	97.2	93.8	90.5	85.0	78.7	67.7	44.3	23.1	8.3	2.8	13.9	82.1	2.8	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4398
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679525.9m E616512.1m	ELEVATION: 742m

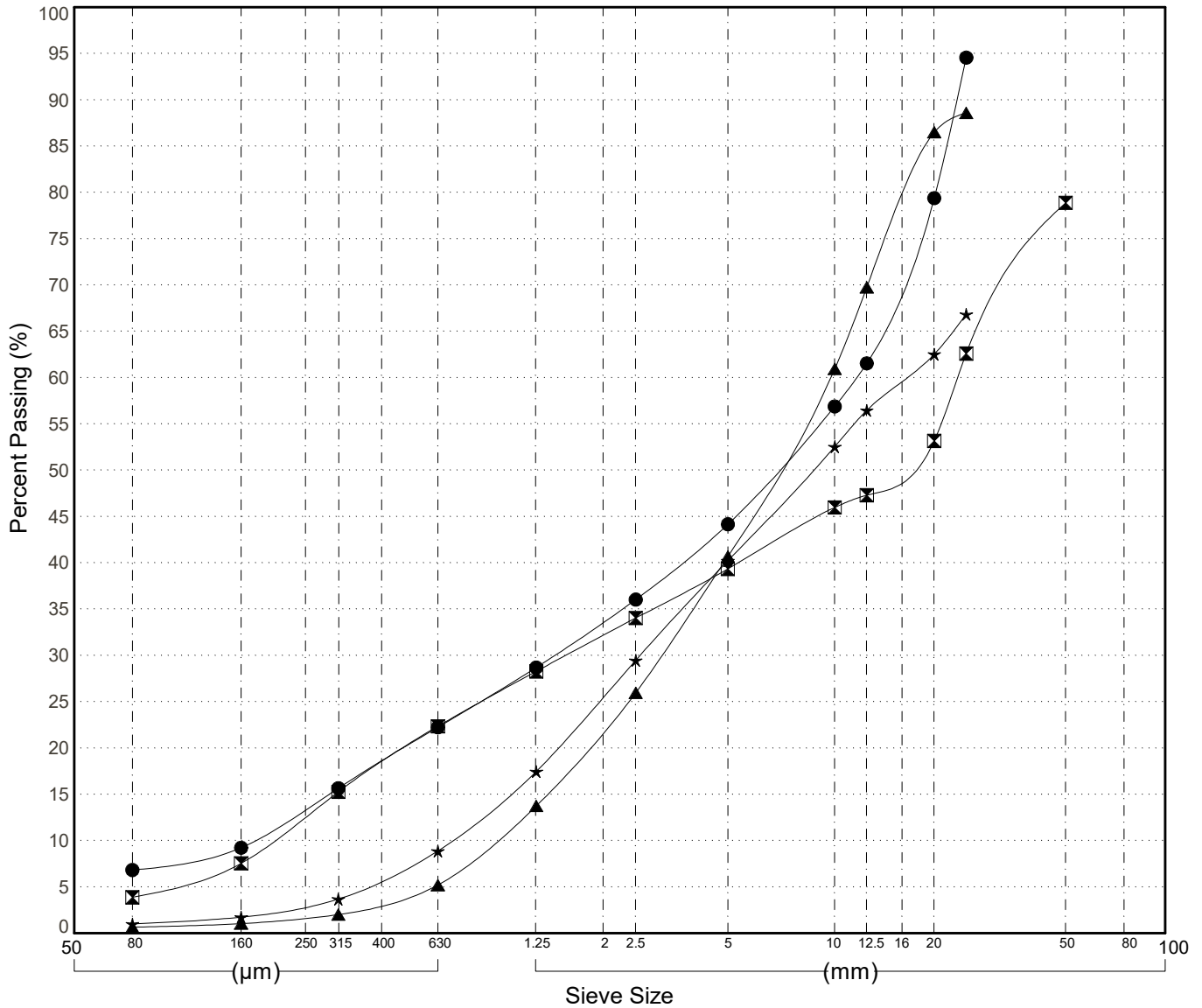
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 078	2013-341	0.5 to 1.0	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	2.2	NP	NP	NP	1.0	66.9	0.17
☒ 079	2013-342	1.6 to 2.2	POORLY GRADED GRAVEL with SAND(GP)	6.8	NP	NP	NP	0.5	118.4	0.20
▲ 080	2013-343	3.0 to 3.5	POORLY GRADED GRAVEL with SAND(GP)	5.5	NP	NP	NP	1.0	10.4	0.93
★ 081	2013-344	4.2 to 4.6	POORLY GRADED GRAVEL with SAND(GP)	2.8	NP	NP	NP	0.6	23.9	0.69

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
●	078	2013-341	100.0	100.0	100.0	94.5	79.4	61.5	56.9	44.2	33.7	25.1	18.5	13.5	9.2	6.8	50.4	37.3	6.8	6.8
☒	079	2013-342	100.0	100.0	78.9	62.6	53.2	47.3	46.0	39.3	32.2	24.9	18.3	12.6	7.5	3.9	39.5	35.5	3.9	3.9
▲	080	2013-343	100.0	100.0	100.0	88.6	86.5	69.7	60.9	40.7	22.0	8.9	3.4	1.7	1.0	0.7	47.9	40.0	0.7	0.7
★	081	2013-344	100.0	100.0	100.0	66.8	62.5	56.5	52.5	40.2	25.6	12.6	5.9	3.0	1.7	1.0	26.6	39.2	1.0	1.0

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4399
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679522m E616597.4m	ELEVATION: 745m

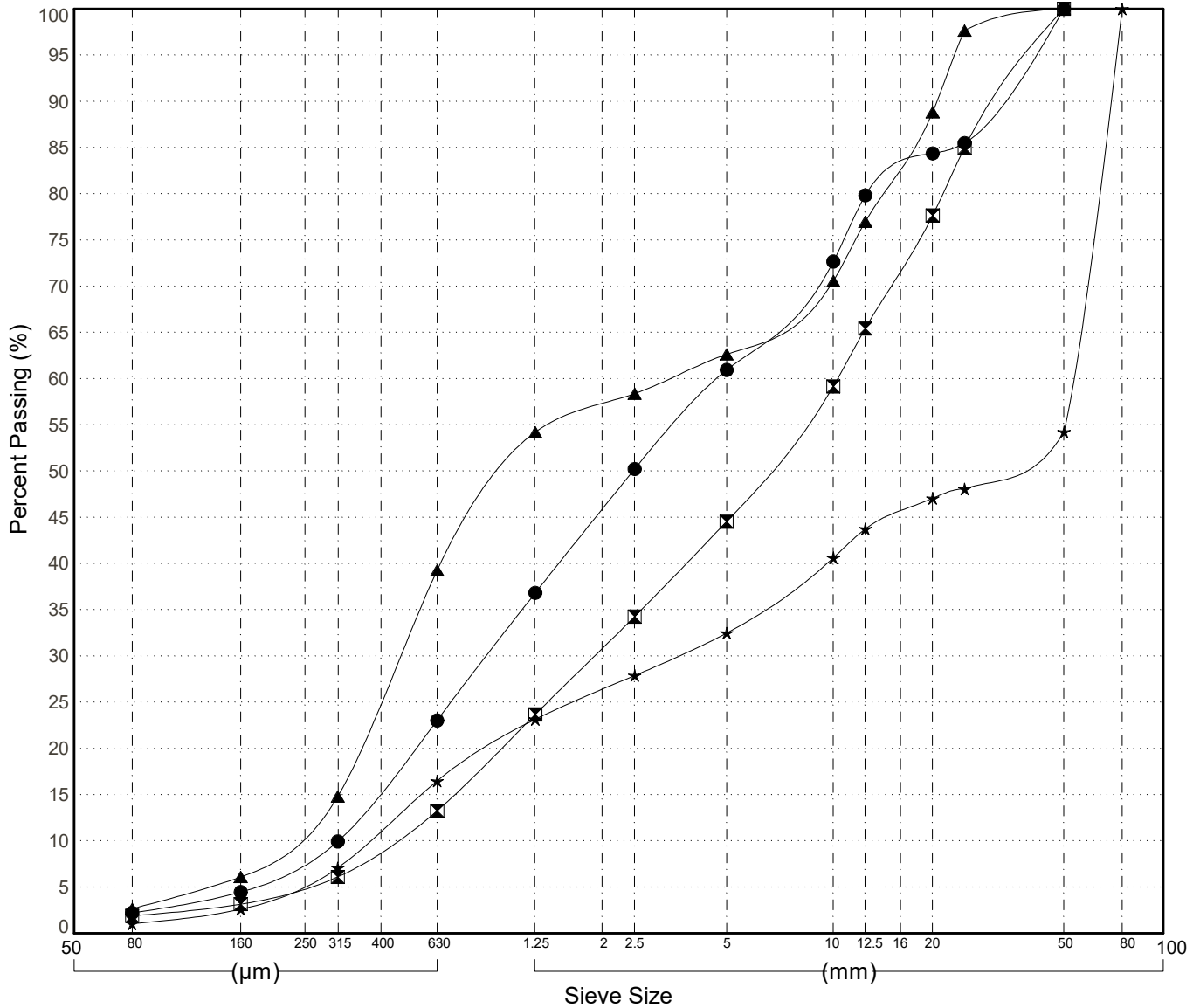
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 082	2013-345	0.5 to 1.0	POORLY GRADED SAND with GRAVEL(SP)	2.1	NP	NP	NP	0.6	14.2	0.32
☒ 083	2013-346	1.5 to 2.0	POORLY GRADED GRAVEL with SAND(GP)	2.4	NP	NP	NP	0.8	22.4	0.46
▲ 084	2013-347	3.2 to 3.8	POORLY GRADED SAND with GRAVEL(SP)	6.7	NP	NP	NP	0.3	14.7	0.22
★ 085	2013-348	4.5 to 5.0	POORLY GRADED GRAVEL with SAND(GP)	1.6	NP	NP	NP	0.5	134.6	0.39

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
●	082	2013-345	100.0	100.0	100.0	85.5	84.4	79.8	72.7	60.9	45.9	29.1	15.6	8.1	4.5	2.2	39.1	58.7		2.2
☒	083	2013-346	100.0	100.0	100.0	85.0	77.7	65.4	59.2	44.5	30.9	17.8	9.2	5.1	3.2	1.9	55.5	42.6		1.9
▲	084	2013-347	100.0	100.0	100.0	97.7	88.8	77.0	70.6	62.6	57.0	45.8	25.4	11.8	6.1	2.7	37.4	60.0		2.7
★	085	2013-348	100.0	100.0	54.2	48.1	47.1	43.7	40.6	32.5	26.4	19.4	11.1	5.5	2.6	1.0	67.5	31.4		1.0

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4440
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679318.6m E616114.3m	ELEVATION: 749m

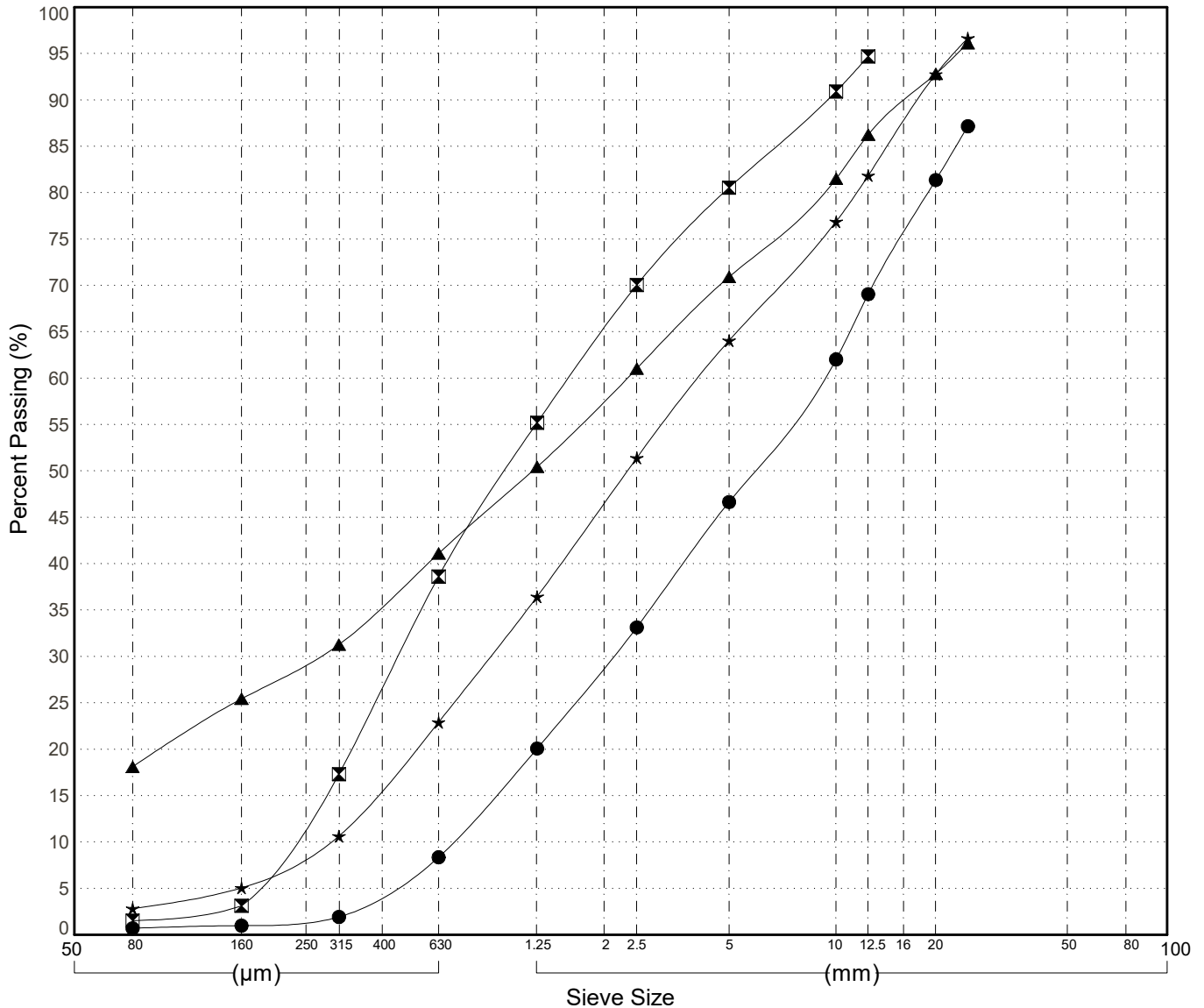
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 086	2013-349	0.5 to 1.0	POORLY GRADED GRAVEL with SAND(GP)	7.3	NP	NP	NP	0.7	13.1	0.69
☒ 087	2013-350	1.4 to 1.8	POORLY GRADED SAND with GRAVEL(SP)	8.1	NP	NP	NP	0.7	7.0	0.22
▲ 088	2013-351	2.5 to 3.0	SILTY SAND with GRAVEL(SM)	3.9	NP	NP	NP			
★ 089	2013-352	3.5 to 4.0	POORLY GRADED SAND with GRAVEL(SP)	2.8	NP	NP	NP	0.7	13.2	0.29

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
●	086	2013-349	100.0	100.0	100.0	87.2	81.4	69.1	62.0	46.7	28.9	13.5	4.7	1.6	1.0	0.7	40.5	46.0		0.7
☒	087	2013-350	100.0	100.0	100.0	100.0	94.7	90.9	80.5	65.3	45.9	26.5	12.5	3.1	1.5	14.2	79.0		1.5	
▲	088	2013-351	100.0	100.0	100.0	96.1	92.8	86.2	81.5	70.9	57.6	45.2	35.5	29.3	25.4	18.1	25.2	52.8		18.1
★	089	2013-352	100.0	100.0	100.0	96.7	92.8	81.8	76.9	64.1	46.6	28.8	15.9	8.7	5.1	2.8	32.6	61.2		2.8

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



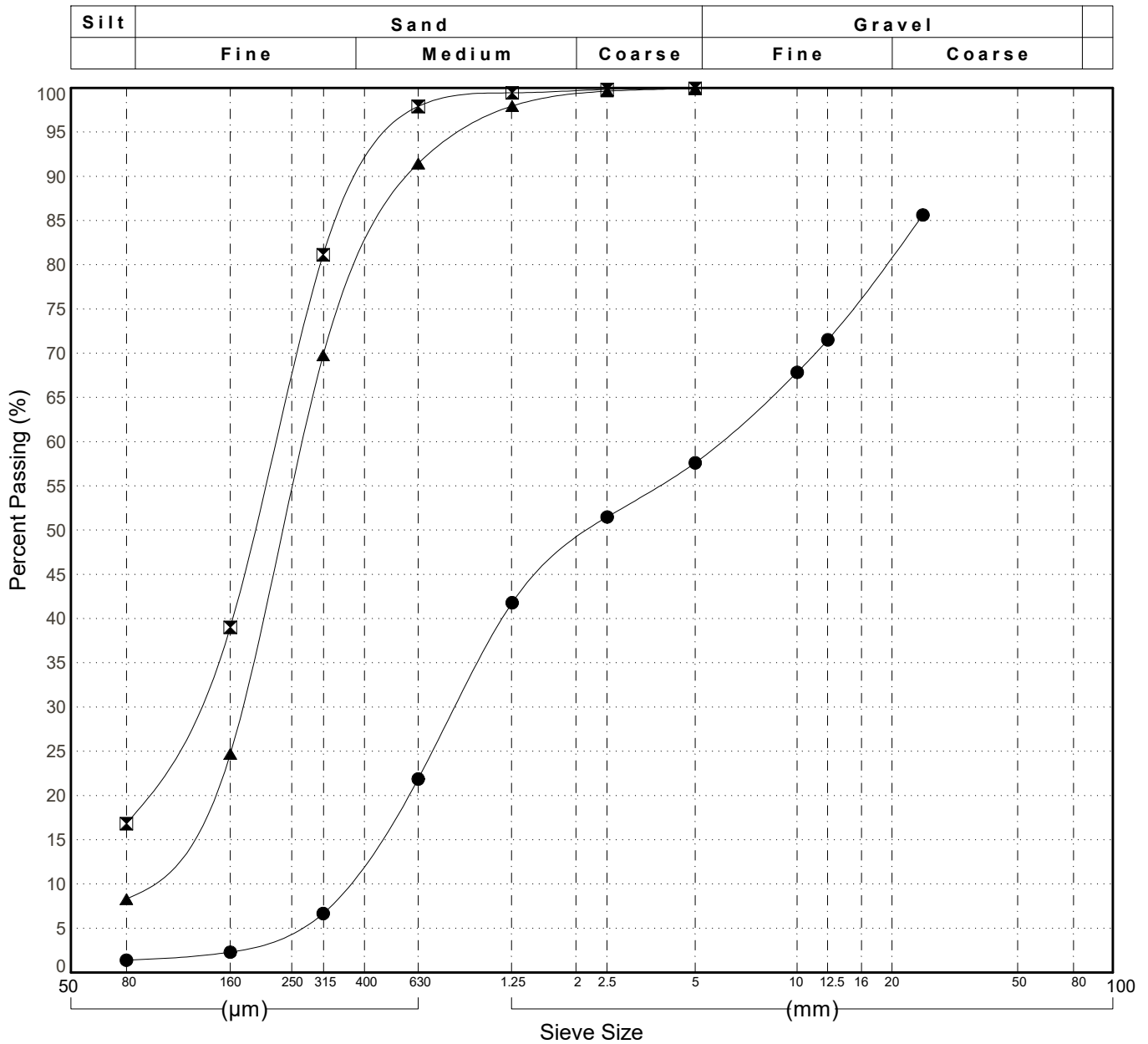
GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4441
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679225.6m E615964.6m	ELEVATION: 743m

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Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 090	2013-353	0.8 to 1.2	POORLY GRADED SAND with GRAVEL(SP)	8.6	NP	NP	NP	0.3	15.4	0.37
☒ 091	2013-354	2.0 to 2.5	SILTY SAND(SM)	6.0	NP	NP	NP			
▲ 092	2013-355	3.0 to 3.5	POORLY GRADED SAND with SILT(SP-SM)	5.7	NP	NP	NP	1.4	3.4	0.08

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
●	090	2013-353	100.0	100.0	100.0	85.6	81.1	71.5	67.9	57.6	48.4	30.6	13.2	5.2	2.3	1.4	28.0	56.2	1.4	
☒	091	2013-354	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.7	98.6	88.4	66.8	39.0	16.8		83.1	16.8	
▲	092	2013-355	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.1	94.3	79.1	54.4	24.7	8.3		91.6	8.3	



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 800-4442
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679178.2m E615965.4m	ELEVATION: 728m

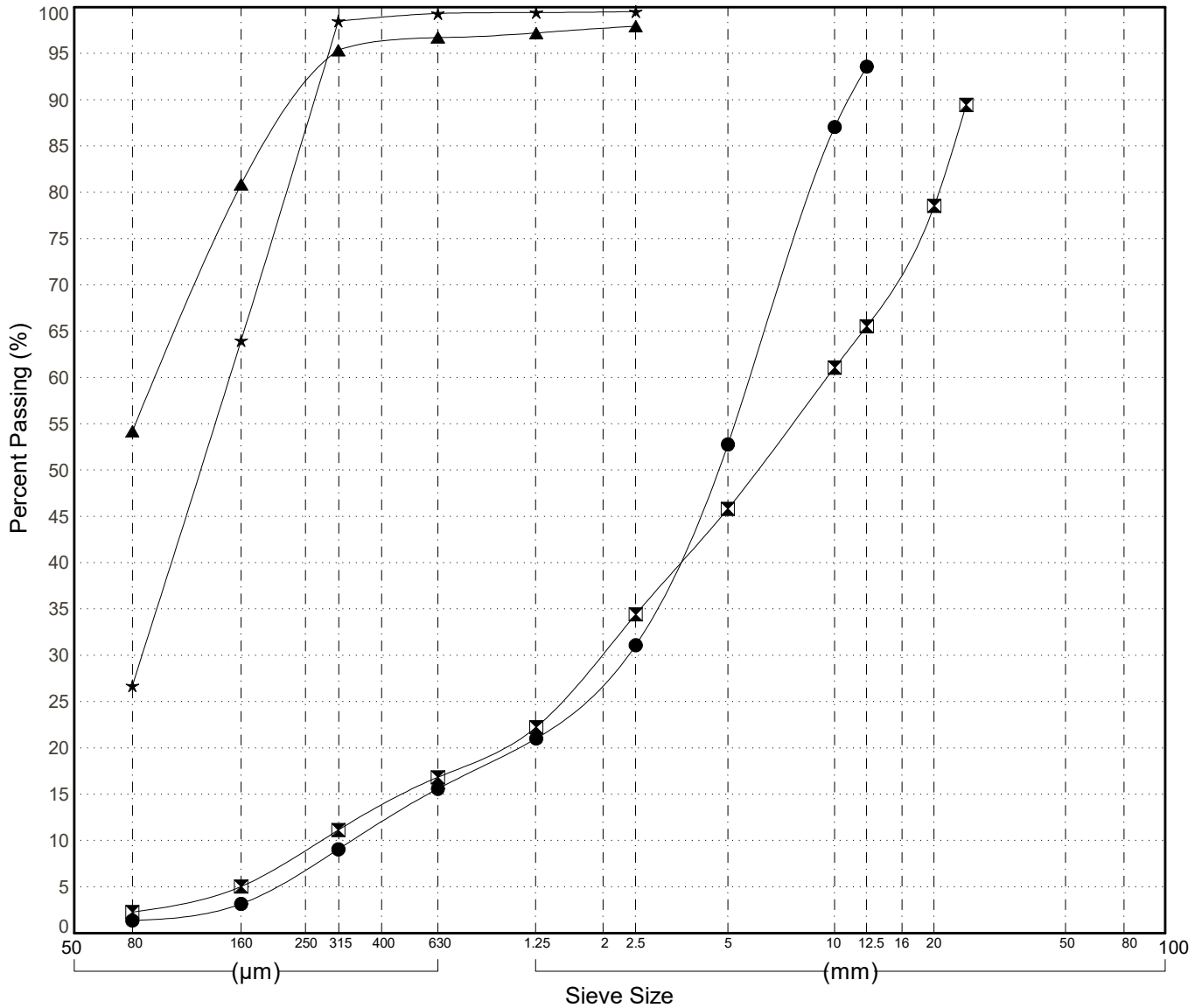
Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 093	2013-356	0.4 to 1.0	WELL-GRADED SAND with GRAVEL(SW)	1.9	NP	NP	NP	2.8	16.0	0.35
☒ 094	2013-357	1.5 to 2.0	WELL-GRADED GRAVEL with SAND(GW)	2.2	NP	NP	NP	1.4	34.2	0.28
▲ 095	2013-358	2.5 to 3.0	SANDY SILT(ML)	13.3	NP	NP	NP			
★ 096	2013-359	4.0 to 4.5	SILTY SAND(SM)	7.2	NP	NP	NP			

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
●	093	2013-356	100.0	100.0	100.0	100.0	100.0	93.6	87.1	52.8	27.9	18.0	11.9	7.0	3.2	1.4	40.8	51.4	1.4	1.4
☒	094	2013-357	100.0	100.0	100.0	89.4	78.5	65.5	61.1	45.8	30.5	19.2	13.6	9.1	5.0	2.3	43.6	43.6	2.3	2.3
▲	095	2013-358	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.7	96.9	96.0	90.4	80.9	54.2		43.8	54.2		
★	096	2013-359	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	99.4	98.9	86.7	64.0	26.7		72.8	26.7		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



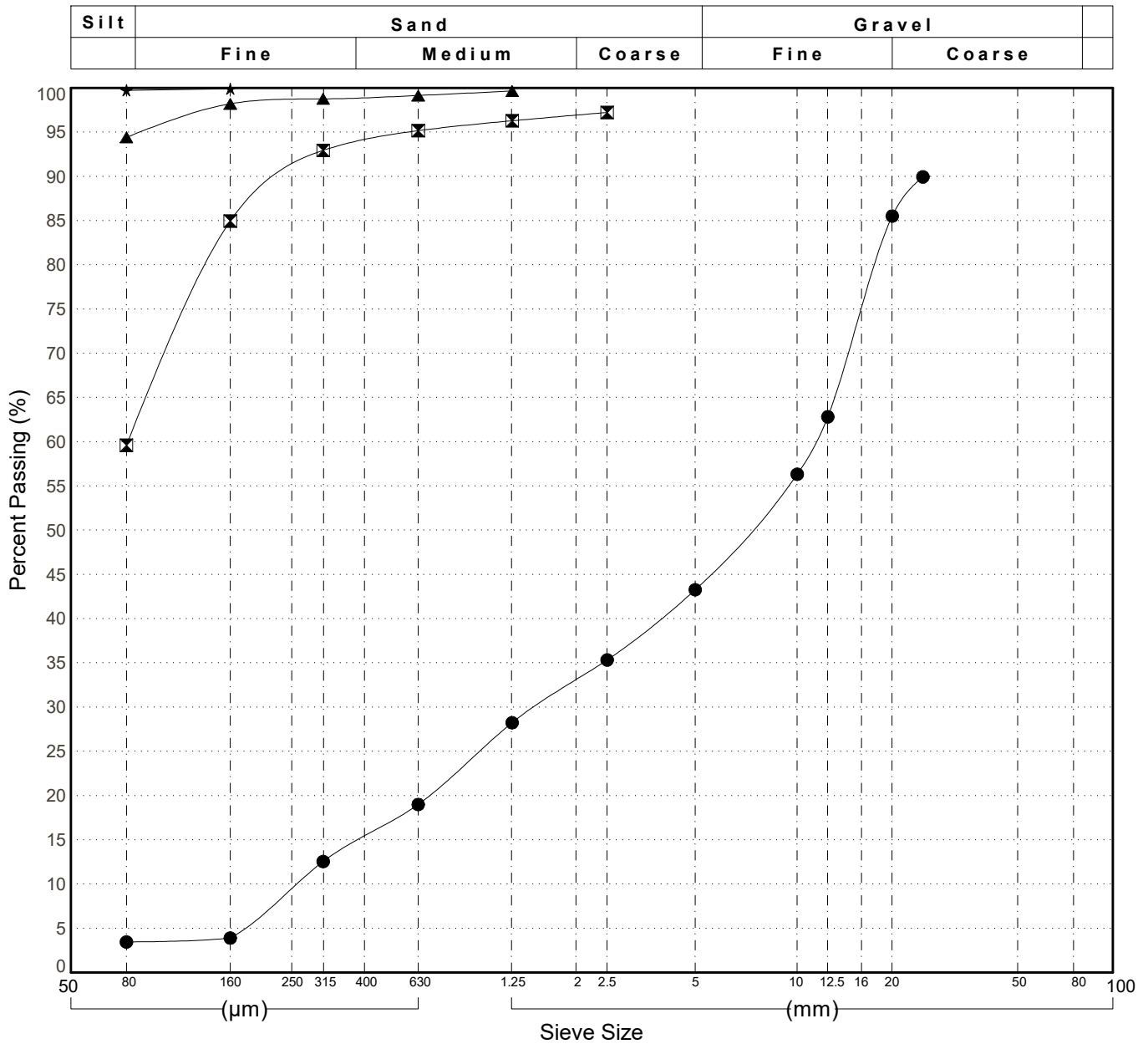
GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 801-4443
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679173.1m E615909.4m	ELEVATION: 726m

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Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 097	2013-360	0.4 to 0.8	POORLY GRADED GRAVEL with SAND(GP)	5.3	NP	NP	NP	0.8	44.0	0.26
☒ 098	2013-361	1.5 to 2.0	SANDY SILT(ML)	19.4	NP	NP	NP			
▲ 099	2013-362	2.5 to 3.0	SILT(ML)	24.8	NP	NP	NP			
★ 100	2013-363	4.0 to 4.5	SILT(ML)	28.2	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	
●	097	2013-360	100.0	100.0	100.0	89.9	85.5	62.8	56.3	43.3	33.1	23.0	15.3	9.6	3.9	3.5	46.7	39.8	3.5	
☒	098	2013-361	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.9	95.7	93.9	90.2	85.0	59.6		37.6	59.6		
▲	099	2013-362	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.4	98.9	98.6	98.2	94.4		5.2	94.4		
★	100	2013-363	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.7		0.2	99.7		



GRAIN SIZE ANALYSIS	Ten Mile Creek	SOURCE/TP#: 801-4444
Deadman		PROJECT NO: 552-202101-1001-1-5
Volvo Excavator 210BLC	Coordinates:Z08 N6679095.6m E615930.7m	ELEVATION: 717m

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Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 101	2013-364	0.3 to 0.8	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	7.5	NP	NP	NP	0.3	117.4	0.09
☒ 102	2013-365	1.5 to 2.0	SILTY GRAVEL with SAND(GM)	6.9	NP	NP	NP			
▲ 103	2013-366	3.0 to 3.6	SILT(ML)	23.5	NP	NP	NP			

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
●	101	2013-364	100.0	100.0	100.0	88.5	78.9	65.5	57.8	46.7	41.3	35.3	26.3	18.7	13.0	9.0	41.8	37.7	9.0	
☒	102	2013-365	100.0	100.0	100.0	88.7	77.9	69.7	67.2	63.0	61.5	60.1	56.1	48.3	38.3	26.3	25.7	36.7	26.3	
▲	103	2013-366	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.5	99.2	99.1	99.0	98.6		1.3	98.6		

