

SUBSURFACE EXPLORATION AND TEST REPORT Klondike Highway SOURCE/TP#: 924-6650

Graceland Deep Creek Gravel Exploration, km 223.9 RHS PROJECT NO: 552-202102

CAT 320CL Coordinates: Z08N N6770607m E487382m ELEVATION: m

SAMPLE TYPE UNDISTURBED DCPT AUGER BULK SPT CORE

ELEV. (m)	★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■		Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	Plastic	M.C. Liquid					
0	0	0					
1	45	55	004			GRAVEL, poorly graded with sand -Brown, damp, rounded, compact	1
2	45	55	005			SAND, poorly graded with sand -Dark brown, damp, compact, rounded	2
3						-Loose, subrounded	3
4			006			END of HOLE -Target depth reached	4

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 924-6651					
Graceland		Deep Creek Gravel Exploration, km 223.9 RHS		PROJECT NO: 552-202102					
CAT 320CL		Coordinates: Z08N N6770755m E487259m		ELEVATION: m					
SAMPLE TYPE		<input type="checkbox"/> UNDISTURBED <input checked="" type="checkbox"/> DCPT		<input checked="" type="checkbox"/> AUGER <input type="checkbox"/> BULK <input checked="" type="checkbox"/> SPT <input type="checkbox"/> CORE					
ELEV. (m)	Plastic M.C. Liquid 0 20 40 60 80 100		★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■		Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	0 20 40 60 80 100		0 20 40 60 80 100						
					007			GRAVEL, well graded with sand -Brown, damp, subrounded, compact -10% Cobbles	1
					008				2
					009			SAND, well graded with silt and gravel -Brown, damp, subrounded, compact -10% Cobbles	3
								END of HOLE -Target depth reached	4

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 924-6652			
Graceland		Deep Creek Gravel Exploration, km 223.9 RHS		PROJECT NO: 552-202102			
CAT 320CL		Coordinates: Z08N N6770812m E487220m		ELEVATION: m			
SAMPLE TYPE		<input type="checkbox"/> UNDISTURBED		<input type="checkbox"/> DCPT			
		<input type="checkbox"/> AUGER		<input type="checkbox"/> BULK			
		<input checked="" type="checkbox"/> SPT		<input type="checkbox"/> CORE			
ELEV. (m)	★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■		Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	Plastic M.C. Liquid 0 20 40 60 80 100						
			010			ORGANIC SILT	
			011			GRAVEL, well graded with sand -Light brown, loose, dry, subrounded -5% Cobbles, max size 15cm	1
			012			-Subangular, poorly graded	2
						END of HOLE -Sloughing	3
							4

SUBSURFACE EXPLORATION AND TEST REPORT	Klondike Highway	SOURCE/TP#: 924-6653
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Graceland	Deep Creek Gravel Exploration, km 223.9 RHS	PROJECT NO: 552-202102
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CAT 320CL	Coordinates: Z08N N6770858m E487183m	ELEVATION: m
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SAMPLE TYPE	<input type="checkbox"/> UNDISTURBED	<input type="checkbox"/> DCPT	<input type="checkbox"/> AUGER	<input type="checkbox"/> BULK	<input checked="" type="checkbox"/> SPT	<input type="checkbox"/> CORE
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ELEV. (m)	Plastic	M.C.	Liquid	★ Percent Fines ★	◆ Percent Sand ◆	■ Percent Gravel ■	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	0 20 40 60 80 100			0 20 40 60 80 100						ORGANIC SILT, gravel, and roots	
							013			SAND, poorly graded with gravel -Light brown, dry, loose, subrounded -10% Cobbles, max size 15cm	1
							014			-Less gravel -Grey, loose	
							015			GRAVEL, poorly graded with sand -Brown, dry, loose, subrounded	2
											3
										END of HOLE -Sloughing	4

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 924-6654			
Graceland		Deep Creek Gravel Exploration, km 223.9 RHS		PROJECT NO: 552-202102			
CAT 320CL		Coordinates: Z08N N6770929m E487259m		ELEVATION: m			
SAMPLE TYPE		<input type="checkbox"/> UNDISTURBED <input type="checkbox"/> DCPT <input type="checkbox"/> AUGER <input type="checkbox"/> BULK <input checked="" type="checkbox"/> SPT <input type="checkbox"/> CORE					
ELEV. (m)	Plastic M.C. Liquid 0 20 40 60 80 100		Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	★ Percent Fines ★	◆ Percent Sand ◆					
						ORGANIC SILT, roots	
			016			SAND, poorly graded with gravel -Dark ochre -Brown, loose, damp -10% Cobbles, 20cm max size	1
			017			-Dark brown -No cobbles	2
			018			GRAVEL, well graded with sand -Dark brown, damp, loose, rounded	3
						END of HOLE -Target depth reached	4

SUBSURFACE EXPLORATION AND TEST REPORT Klondike Highway SOURCE/TP#: 924-6655

Graceland Deep Creek Gravel Exploration, km 223.9 RHS PROJECT NO: 552-202102

CAT 320CL Coordinates: Z08N N6770939m E487330m ELEVATION: m

SAMPLE TYPE UNDISTURBED DCPT AUGER BULK SPT CORE

ELEV. (m)	★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■		Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	Plastic	M.C. Liquid					
0	0	0				ORGANIC SILT	
0.5	45	55	019			SAND, poorly graded with gravel -Brown, rounded, damp, loose	0.5
1.0	45	55	020			-Trace gravel -Light grey, damp, loose	1.0
1.5	45	55				-Some gravel -Dark brown	1.5
2.0	45	55	021				2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0						END of HOLE -Target depth reached	4.0

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 924-6657			
Graceland		Deep Creek Gravel Exploration, km 223.9 RHS		PROJECT NO: 552-202102			
CAT 320CL		Coordinates: Z08N N6770873m E487355m		ELEVATION: m			
SAMPLE TYPE		<input type="checkbox"/> UNDISTURBED	<input type="checkbox"/> DCPT	<input type="checkbox"/> AUGER	<input type="checkbox"/> BULK		
		<input type="checkbox"/> SPT	<input type="checkbox"/> CORE				
ELEV. (m)	★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■		Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	Plastic M.C. Liquid 0 20 40 60 80 100 0 20 40 60 80 100						
●	★	◆	■	025		GRAVEL, silty, heavy organics -Poorly graded with sand -Light brown, dry, compact, subrounded -20% cobbles, max size 20cm -Damp -Dark brown, damp, loose, rounded	1
●	★	■	◆	026		SAND, poorly graded with gravel -Dark brown, damp, loose, rounded	2
●	★	■	◆	027			3
						END of HOLE -Target depth reached	4

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 924-6658			
Graceland		Deep Creek Gravel Exploration, km 223.9 RHS		PROJECT NO: 552-202102			
CAT 320CL		Coordinates: Z08N N6770852m E487290m		ELEVATION: m			
SAMPLE TYPE		<input type="checkbox"/> UNDISTURBED	<input type="checkbox"/> DCPT	<input type="checkbox"/> AUGER	<input type="checkbox"/> BULK		
		<input type="checkbox"/> SPT	<input type="checkbox"/> CORE				
ELEV. (m)	Plastic M.C. Liquid 0 20 40 60 80 100		Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■						
			028			GRAVEL, silty with fibrous organics -Well graded with sand, trace silt -Brown, loose, dry, subrounded -15% Cobbles, 15cm max size	1
			029			SAND, poorly graded with gravel -Dark brown, loose, damp, subrounded -Silt seam, 0.1m	2
						END of HOLE -Sloughed in	4

SUBSURFACE EXPLORATION AND TEST REPORT Klondike Highway SOURCE/TP#: 924-6659

Graceland Deep Creek Gravel Exploration, km 223.9 RHS PROJECT NO: 552-202102

CAT 320CL Coordinates: Z08N N6770769m E487348m ELEVATION: m

SAMPLE TYPE UNDISTURBED DCPT AUGER BULK SPT CORE

ELEV. (m)	★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■		Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	Plastic	M.C. Liquid					
0	0	0				SAND, poorly graded with gravel and organics	
1			030			-Light grey, dry, subrounded, loose	
2							
3			031			-Dark brown, damp, rounded	
4			032			-Brown	
						END of HOLE -Target depth reached	

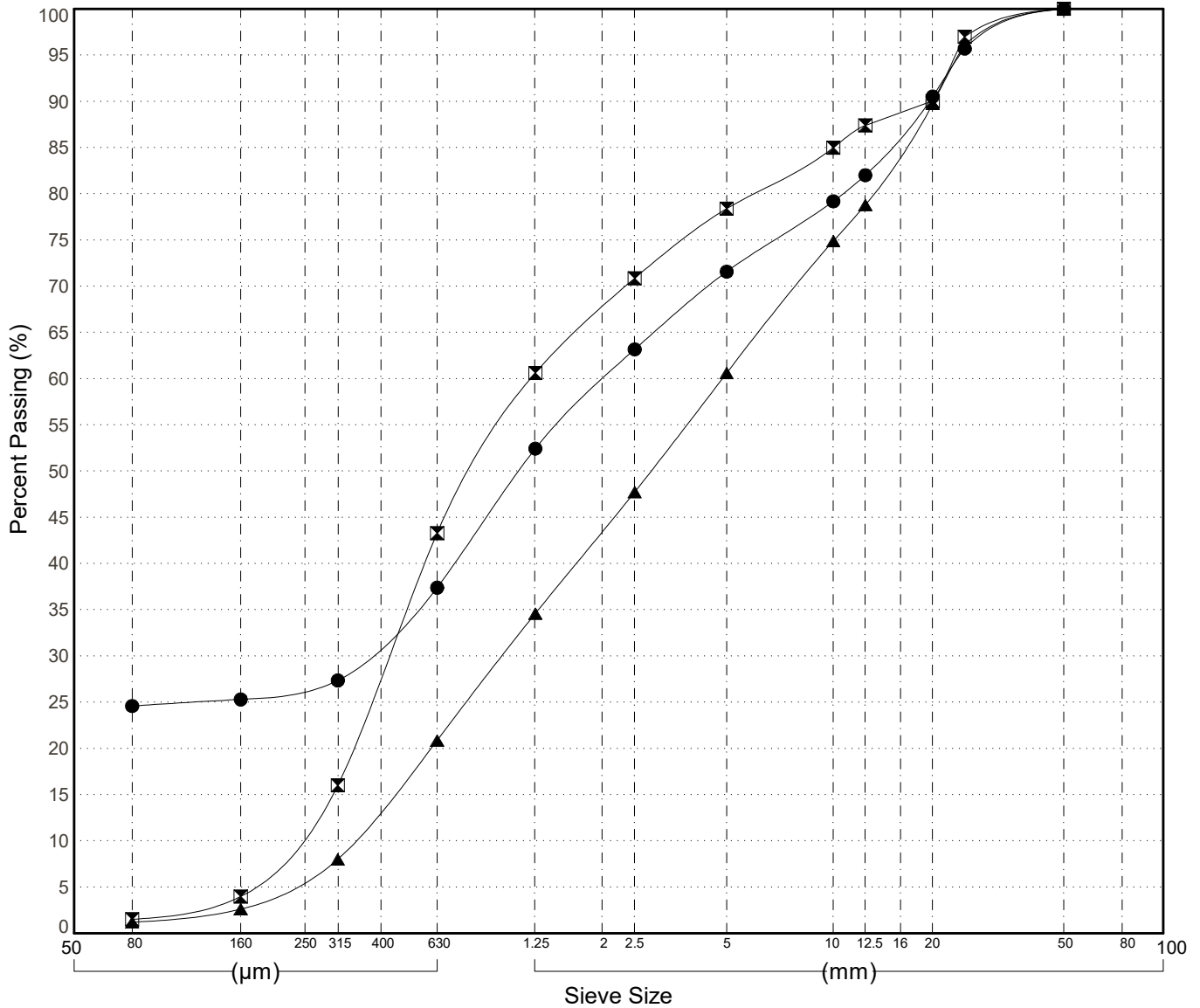
GRAIN SIZE ANALYSIS	Deep Creek Gravel Exploration	SOURCE/TP#: 924-6649
Graceland	km 223.9 RHS	PROJECT NO: 552-202102
CAT 320CL	Coordinates:Z08N N6770615m E487280m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 001	1878	0.7 to 1.0	SILTY SAND with GRAVEL(SM)	1.0	NP	NP	NP			
☒ 002	1879	1.7 to 2.0	POORLY GRADED SAND with GRAVEL(SP)	0.9	NP	NP	NP	0.7	5.4	0.22
▲ 003	1880	2.5 to 3.0	POORLY GRADED SAND with GRAVEL(SP)	0.8	NP	NP	NP	0.6	13.1	0.35

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														
●	001	1878	100.0	100.0	100.0	95.7	90.5	82.0	79.2	71.6	59.7	44.0	31.7	26.7	25.3	24.6	28.4	47.0	24.6	
☒	002	1879	100.0	100.0	100.0	97.0	90.0	87.4	85.0	78.4	67.6	50.9	27.8	11.9	4.0	1.5	21.6	76.9	1.5	
▲	003	1880	100.0	100.0	100.0	96.1	89.7	78.8	74.9	60.6	43.5	26.9	13.6	6.2	2.6	1.2	39.4	59.4	1.2	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



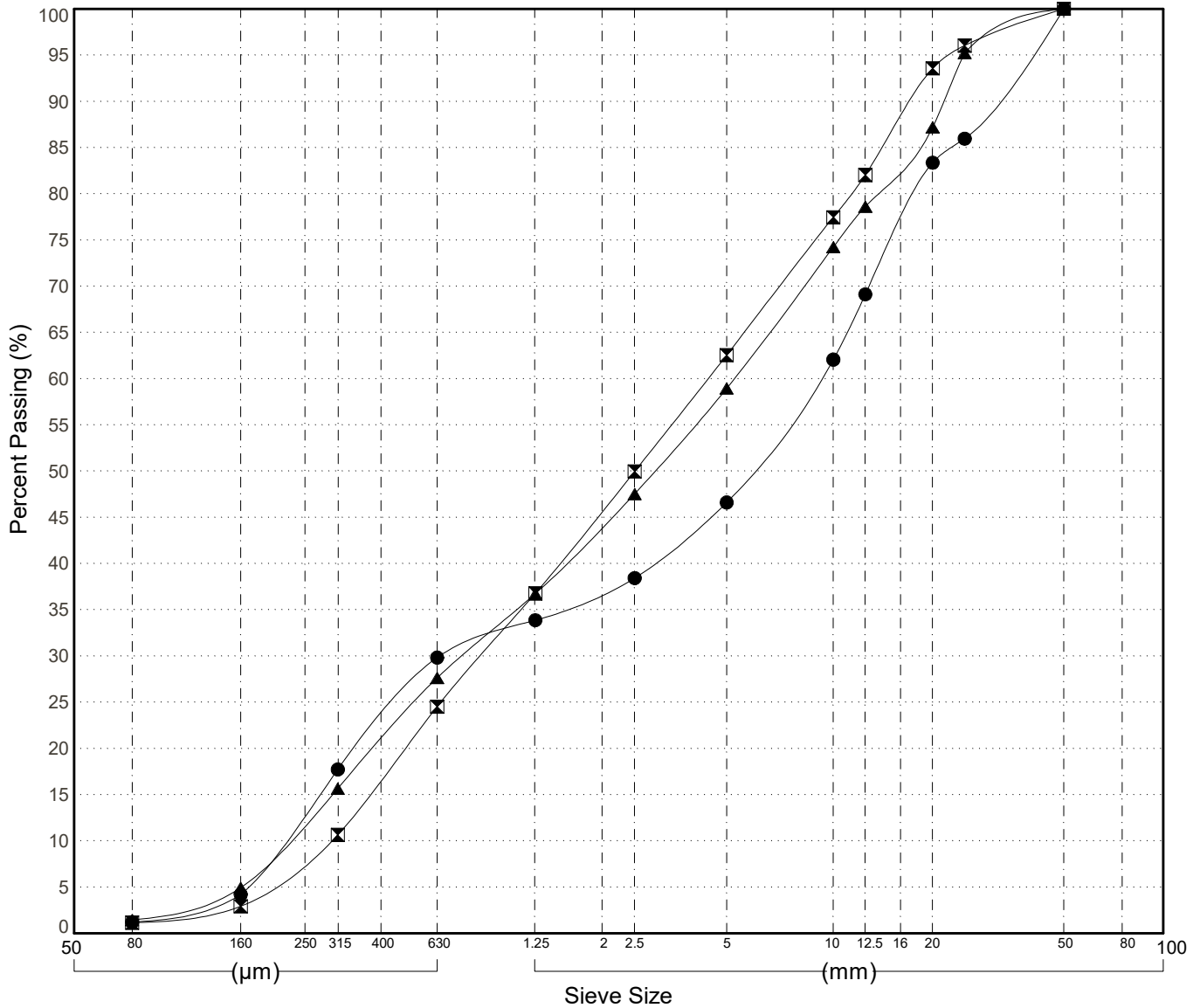
GRAIN SIZE ANALYSIS	Deep Creek Gravel Exploration	SOURCE/TP#: 924-6650
Graceland	km 223.9 RHS	PROJECT NO: 552-202102
CAT 320CL	Coordinates:Z08N N6770607m E487382m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 004	1881	0.7 to 1.0	POORLY GRADED GRAVEL with SAND(GP)	0.7	NP	NP	NP	0.2	42.3	0.21
☒ 005	1882	2.2 to 2.4	POORLY GRADED SAND with GRAVEL(SP)	1.1	NP	NP	NP	0.6	14.0	0.30
▲ 006	1883	3.7 to 3.8	POORLY GRADED SAND with GRAVEL(SP)	0.9	NP	NP	NP	0.5	22.7	0.22

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														
●	004	1881	100.0	100.0	100.0	86.0	83.4	69.1	62.1	46.6	37.0	31.6	23.0	13.1	4.2	1.2	53.4	45.4	1.2	
☒	005	1882	100.0	100.0	100.0	96.0	93.6	82.0	77.5	62.5	45.7	29.9	16.6	8.0	2.9	1.2	37.5	61.4	1.2	
▲	006	1883	100.0	100.0	100.0	95.2	87.2	78.6	74.2	58.9	44.1	31.6	20.8	12.0	4.9	1.4	41.1	57.5	1.4	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



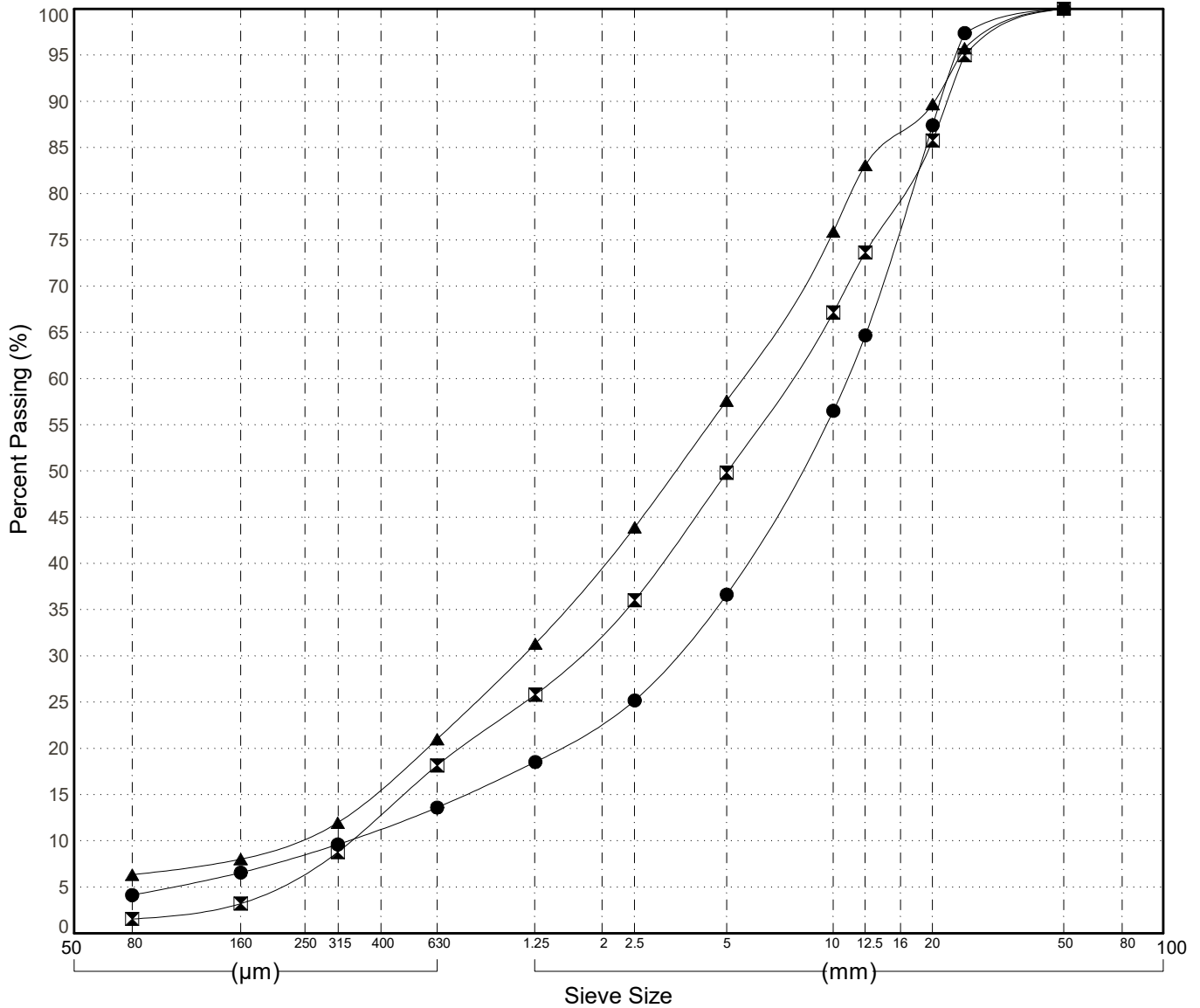
GRAIN SIZE ANALYSIS	Deep Creek Gravel Exploration	SOURCE/TP#: 924-6651
Graceland	km 223.9 RHS	PROJECT NO: 552-202102
CAT 320CL	Coordinates:Z08N N6770755m E487259m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 007	1884	0.7 to 1.0	WELL-GRADED GRAVEL with SAND(GW)	2.9	NP	NP	NP	2.9	32.6	0.34
☒ 008	1885	2.0 to 2.3	WELL-GRADED GRAVEL with SAND(GW)	0.9	NP	NP	NP	1.1	21.3	0.34
▲ 009	1886	3.7 to 4.0	WELL-GRADED SAND with SILT and GRAVEL(SW-SM)	1.9	NP	NP	NP	1.1	23.3	0.22

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
●	007	1884	100.0	100.0	100.0	97.4	87.4	64.7	56.5	36.6	23.0	15.8	11.3	8.6	6.6	4.1	63.4	32.5	4.1	
☒	008	1885	100.0	100.0	100.0	95.0	85.8	73.6	67.2	49.8	32.7	21.5	12.8	6.9	3.2	1.5	50.2	48.3	1.5	
▲	009	1886	100.0	100.0	100.0	95.7	89.7	83.1	75.9	57.6	39.9	25.5	15.9	10.6	8.0	6.3	42.4	51.3	6.3	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



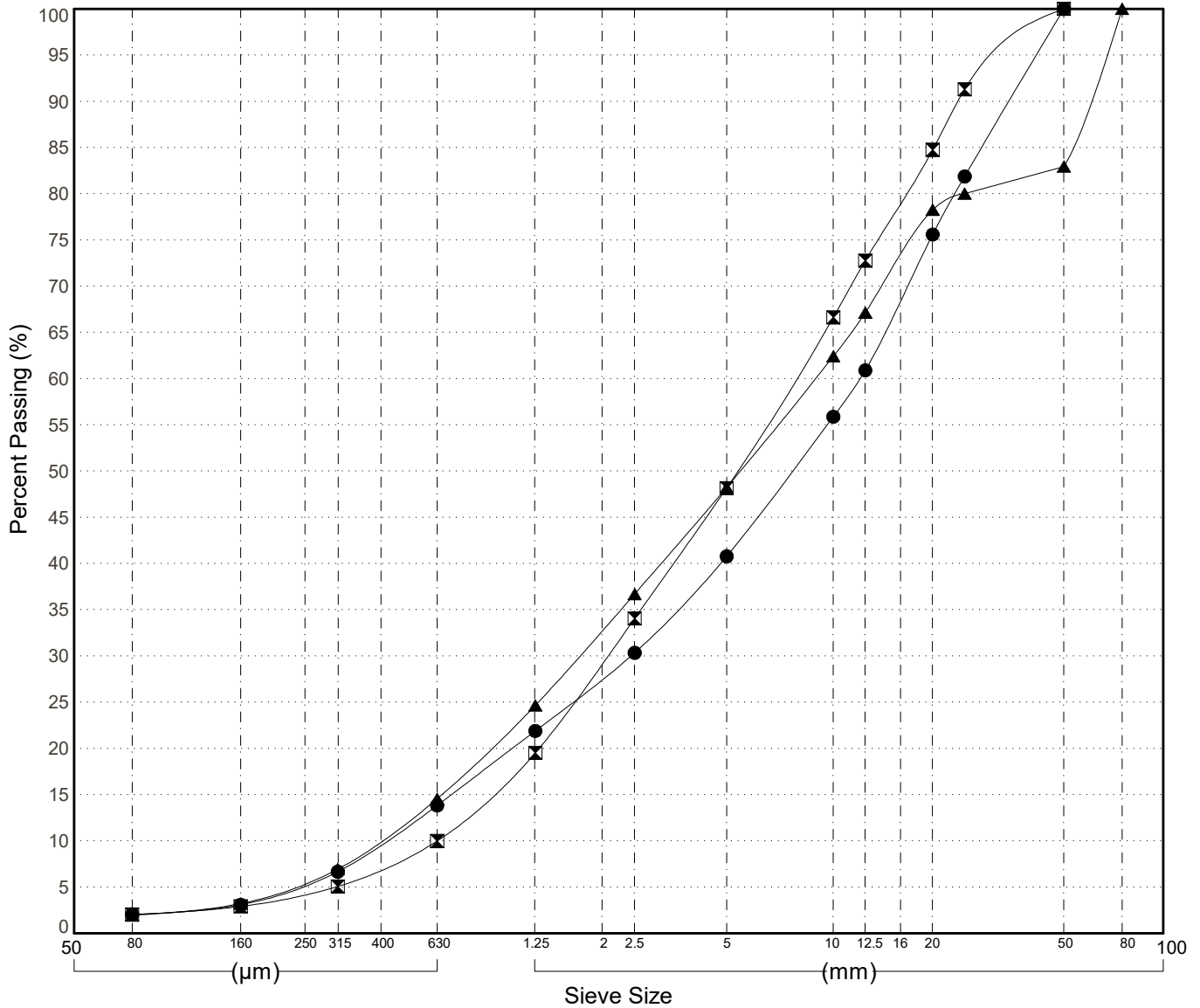
GRAIN SIZE ANALYSIS	Deep Creek Gravel Exploration	SOURCE/TP#: 924-6652
Graceland	km 223.9 RHS	PROJECT NO: 552-202102
CAT 320CL	Coordinates:Z08N N6770812m E487220m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 010	1887	0.4 to 0.8	WELL-GRADED GRAVEL with SAND(GW)	0.8	NP	NP	NP	1.1	27.6	0.43
☒ 011	1888	2.2 to 2.5	POORLY GRADED GRAVEL with SAND(GP)	1.0	NP	NP	NP	0.9	12.1	0.63
▲ 012	1889	3.5 to 3.8	POORLY GRADED GRAVEL with SAND(GP)	1.1	NP	NP	NP	0.8	21.2	0.42

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
●	010	1887	100.0	100.0	100.0	81.9	75.6	60.9	55.9	40.8	27.6	17.3	9.8	5.4	3.1	2.0	59.2	38.7		2.0
☒	011	1888	100.0	100.0	100.0	91.3	84.8	72.8	66.6	48.2	29.4	14.1	7.2	4.3	2.9	2.0	51.8	46.1		2.0
▲	012	1889	100.0	100.0	83.0	80.0	78.3	67.1	62.4	48.2	32.8	19.0	10.2	5.7	3.2	1.9	51.8	46.3		1.9

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



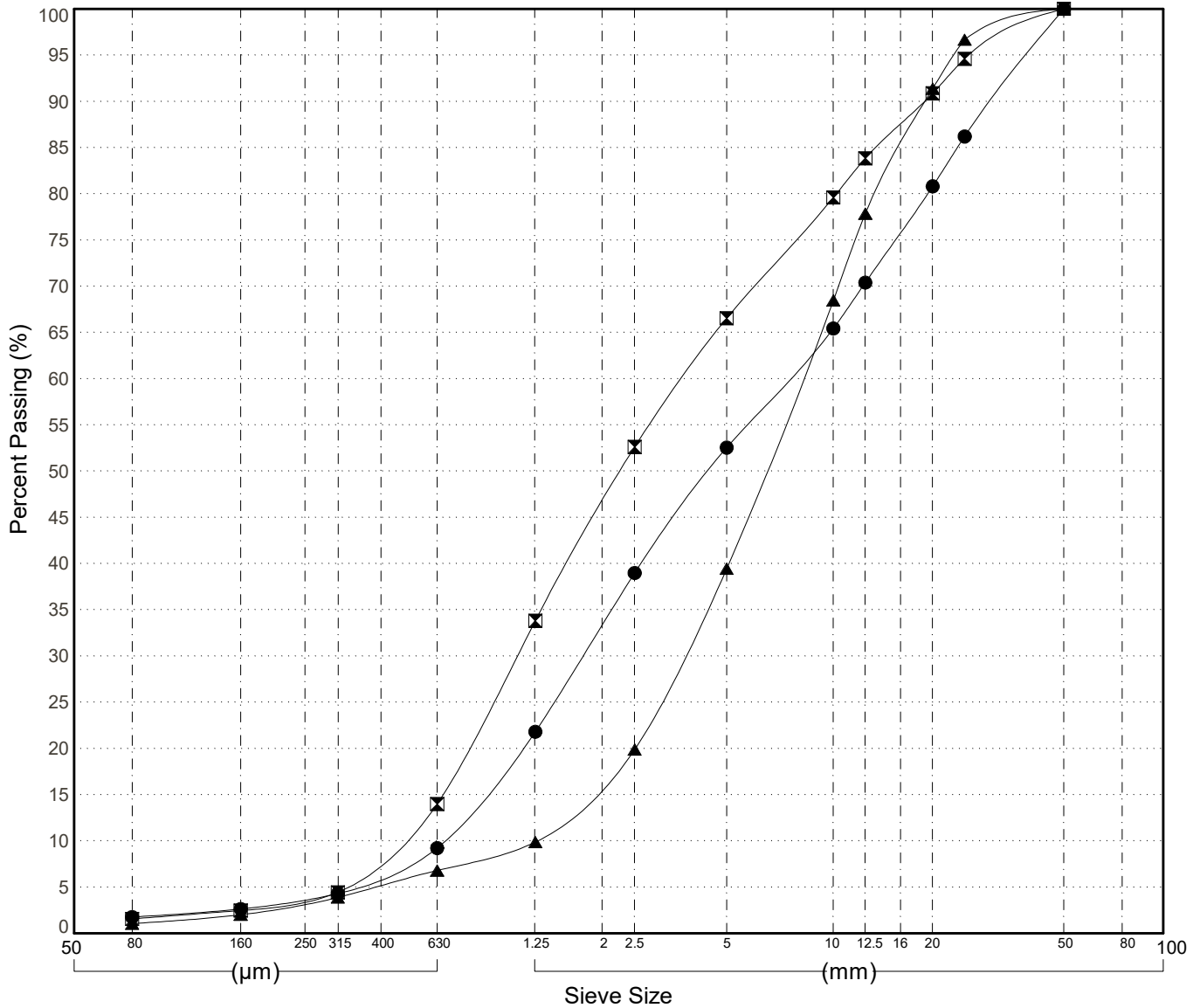
GRAIN SIZE ANALYSIS	Deep Creek Gravel Exploration	SOURCE/TP#: 924-6654
Graceland	km 223.9 RHS	PROJECT NO: 552-202102
CAT 320CL	Coordinates:Z08N N6770929m E487259m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 016	1893	0.6 to 0.9	POORLY GRADED SAND with GRAVEL(SP)	1.1	NP	NP	NP	0.6	11.1	0.66
☒ 017	1894	2.2 to 2.5	POORLY GRADED SAND with GRAVEL(SP)	1.0	NP	NP	NP	0.7	7.4	0.47
▲ 018	1895	3.5 to 4.0	WELL-GRADED GRAVEL with SAND(GW)	0.9	NP	NP	NP	1.2	6.4	1.26

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
● 016	1893	100.0	100.0	100.0	100.0	86.2	80.8	70.4	65.4	52.5	33.4	14.7	6.4	3.7	2.6	1.8	47.5	50.8	1.8	
☒ 017	1894	100.0	100.0	100.0	94.6	90.9	83.8	79.6	66.5	46.6	22.6	8.6	3.8	2.5	1.5	33.5	65.0	1.5		
▲ 018	1895	100.0	100.0	100.0	96.7	91.4	77.9	68.5	39.4	16.6	8.1	5.1	3.2	2.0	1.0	60.6	38.4	1.0		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

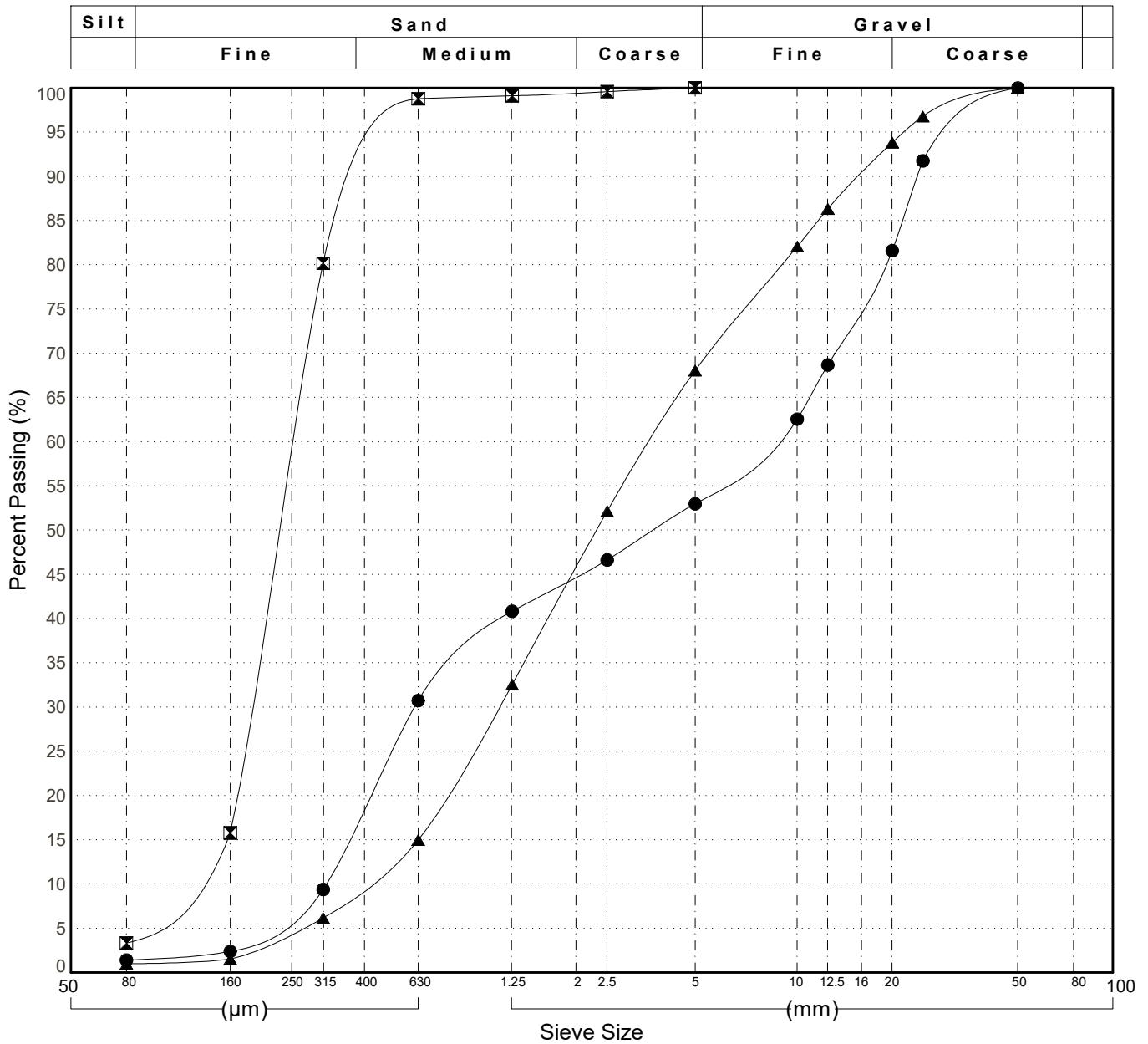


GRAIN SIZE ANALYSIS	Deep Creek Gravel Exploration	SOURCE/TP#: 924-6655
Graceland	km 223.9 RHS	PROJECT NO: 552-202102
CAT 320CL	Coordinates:Z08N N6770939m E487330m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 019	1896	0.4 to 0.7	POORLY GRADED SAND with GRAVEL(SP)	0.7	NP	NP	NP	0.1	25.5	0.32
☒ 020	1897	1.0 to 1.2	POORLY GRADED SAND(SP)	2.2	NP	NP	NP	1.2	2.3	0.11
▲ 021	1898	2.2 to 2.6	POORLY GRADED SAND with GRAVEL(SP)	1.6	NP	NP	NP	0.9	8.1	0.43

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
●	019	1896	100.0	100.0	100.0	91.8	81.6	68.7	62.6	53.0	44.8	35.1	18.6	7.0	2.4	1.4	47.0	51.6	1.4	1.4
☒	020	1897	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.4	98.9	88.2	58.2	15.8	3.3	0.0	96.7	3.3	0.0	0.0
▲	021	1898	100.0	100.0	100.0	96.8	93.8	86.3	82.1	68.0	45.8	22.7	10.0	4.6	1.5	1.0	32.0	67.1	1.0	0.0



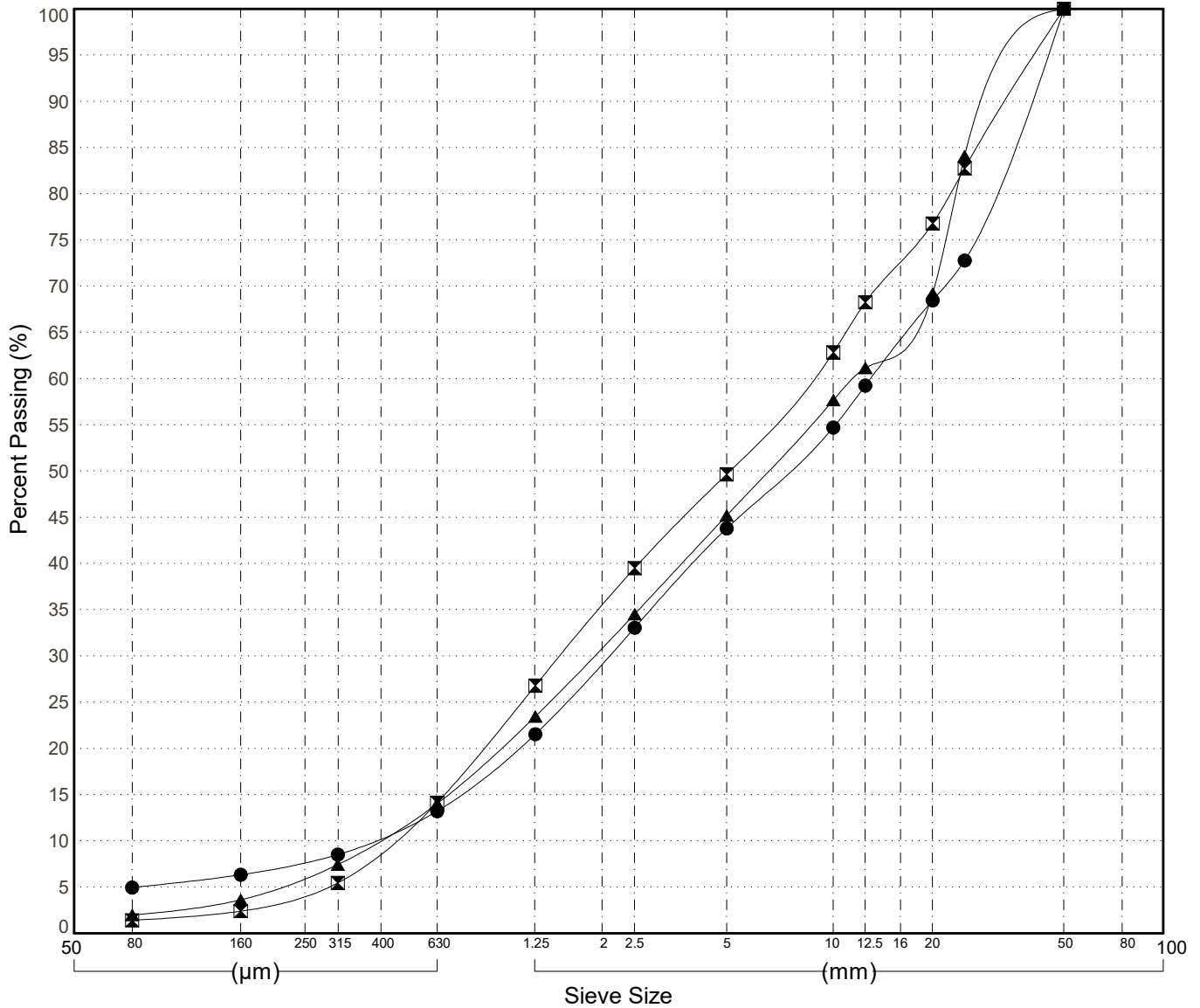
GRAIN SIZE ANALYSIS	Deep Creek Gravel Exploration	SOURCE/TP#: 924-6656
Graceland	km 223.9 RHS	PROJECT NO: 552-202102
CAT 320CL	Coordinates:Z08N N6770957m E487385m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 022	1899	0.5 to 0.7	POORLY GRADED GRAVEL with SAND(GP)	1.1	NP	NP	NP	0.9	33.1	0.39
☒ 023	1900	2.3 to 2.5	POORLY GRADED GRAVEL with SAND(GP)	0.9	NP	NP	NP	0.6	18.8	0.45
▲ 024	1901	3.8 to 4.0	POORLY GRADED GRAVEL with SAND(GP)	0.6	NP	NP	NP	0.7	28.1	0.41

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
●	022	1899	100.0	100.0	100.0	72.8	68.5	59.3	54.7	43.8	29.3	16.8	10.5	7.8	6.3	4.9	56.2	38.9		4.9
☒	023	1900	100.0	100.0	100.0	82.7	76.8	68.3	62.8	49.7	35.4	19.7	9.2	4.4	2.4	1.4	50.3	48.2		1.4
▲	024	1901	100.0	100.0	100.0	84.1	69.2	61.2	57.7	45.2	31.0	18.1	10.3	6.1	3.6	2.0	54.8	43.2		2.0

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



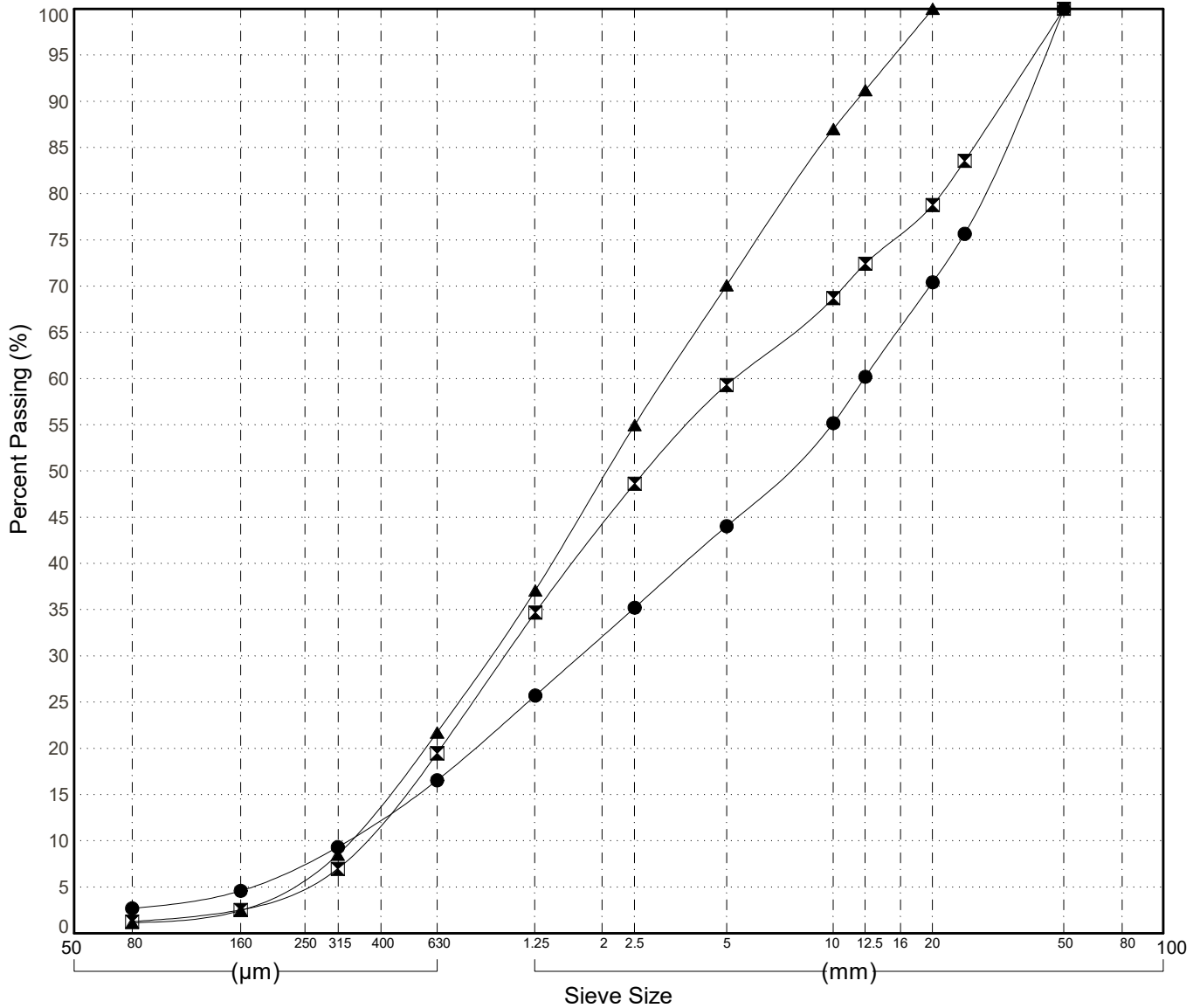
GRAIN SIZE ANALYSIS	Deep Creek Gravel Exploration	SOURCE/TP#: 924-6657
Graceland	km 223.9 RHS	PROJECT NO: 552-202102
CAT 320CL	Coordinates:Z08N N6770873m E487355m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 025	1902	0.6 to 0.8	POORLY GRADED GRAVEL with SAND(GP)	0.5	NP	NP	NP	0.7	36.8	0.34
☒ 026	1903	2.2 to 2.4	POORLY GRADED SAND with GRAVEL(SP)	1.5	NP	NP	NP	0.5	13.5	0.37
▲ 027	1904	3.5 to 3.9	POORLY GRADED SAND with GRAVEL(SP)	1.6	NP	NP	NP	0.8	9.1	0.34

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
●	025	1902	100.0	100.0	100.0	75.7	70.4	60.2	55.2	44.0	32.2	20.6	12.4	7.7	4.6	2.7	56.0	41.3	2.7	2.7
☒	026	1903	100.0	100.0	100.0	83.6	78.8	72.4	68.7	59.3	44.2	26.1	12.4	5.5	2.5	1.3	40.7	58.1	1.3	1.3
▲	027	1904	100.0	100.0	100.0	100.0	100.0	91.2	87.0	70.1	49.2	28.4	14.2	6.4	2.5	1.1	29.9	69.0	1.1	1.1

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

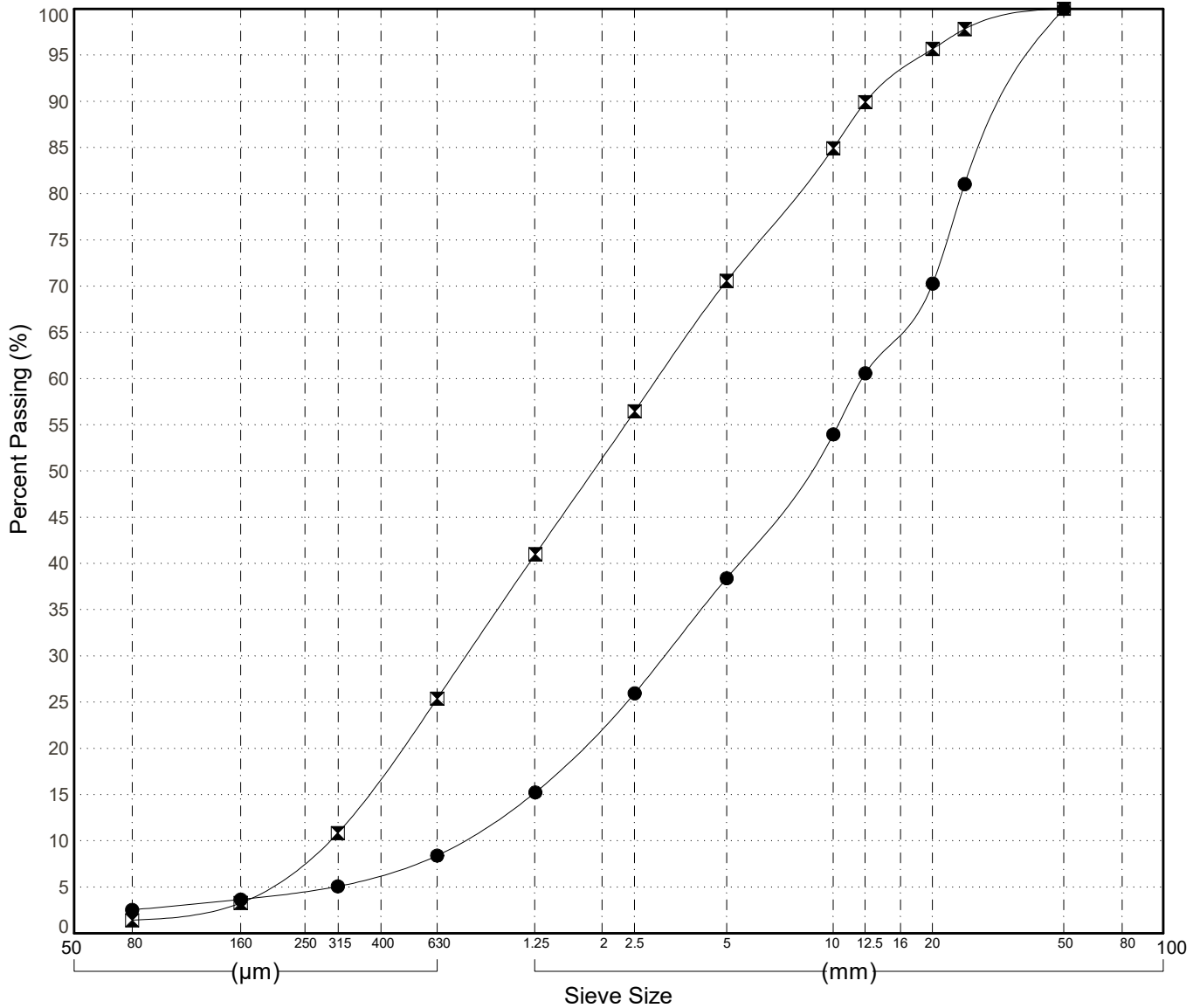


GRAIN SIZE ANALYSIS	Deep Creek Gravel Exploration	SOURCE/TP#: 924-6658
Graceland	km 223.9 RHS	PROJECT NO: 552-202102
CAT 320CL	Coordinates:Z08N N6770852m E487290m	ELEVATION: m

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Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10										
● 028	1905	0.7 to 0.9	WELL-GRADED GRAVEL with SAND(GW)	1.1	NP	NP	NP	1.0	16.6	0.74										
☒ 029	1906	1.7 to 2.0	POORLY GRADED SAND with GRAVEL(SP)	1.4	NP	NP	NP	0.7	10.1	0.29										
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	
● 028	1905	100.0	100.0	100.0	81.0	70.3	60.6	54.0	38.4	22.5	11.4	6.5	4.6	3.7	2.5	61.6	35.9		2.5	
☒ 029	1906	100.0	100.0	100.0	97.8	95.7	89.9	84.9	70.6	51.5	32.2	17.1	8.3	3.3	1.4	29.4	69.2		1.4	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Deep Creek Gravel Exploration	SOURCE/TP#: 924-6659
Graceland	km 223.9 RHS	PROJECT NO: 552-202102
CAT 320CL	Coordinates:Z08N N6770769m E487348m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 030	1907	0.6 to 0.9	POORLY GRADED SAND with GRAVEL(SP)	1.0	NP	NP	NP	0.1	37.9	0.28
☒ 031	1908	2.5 to 2.9	POORLY GRADED SAND with GRAVEL(SP)	1.3	NP	NP	NP	0.5	11.1	0.38
▲ 032	1909	3.6 to 4.0	POORLY GRADED SAND with GRAVEL(SP)	1.1	NP	NP	NP	0.8	19.2	0.39

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
●	030	1907	100.0	100.0	100.0	78.5	72.4	62.2	59.0	51.1	44.6	34.0	18.8	8.6	3.7	1.8	48.9	49.3		1.8
☒	031	1908	100.0	100.0	100.0	84.1	79.7	76.1	72.6	62.1	46.1	29.3	12.6	4.0	1.6	0.8	37.9	61.3		0.8
▲	032	1909	100.0	100.0	100.0	86.9	77.1	68.6	64.9	52.1	34.8	20.3	11.0	5.6	2.3	0.9	47.9	51.3		0.9

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

