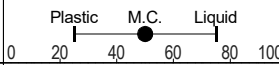


ELEV. (m)	<div style="display: flex; justify-content: space-between; font-size: small;"> Plastic M.C. Liquid </div> 	<div style="display: flex; justify-content: space-around; font-size: small;"> ★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■ </div>			Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
		SOIL DESCRIPTION								
0									1	
20									2	
40									3	
60									4	
80									5	
100										
				001				GRAVEL, sandy, trace silt -Frozen		
				002	SP			-Unfrozen SAND, poorly graded with gravel -Brown, damp, subangular		
				003	SP			-Trace gravel -Brownish grey		
				004				END of HOLE -Target depth reached		

SUBSURFACE EXPLORATION AND TEST REPORT SOURCE/TP#: 930-02

Faro Turnoff Pit Expansion, km 9.2 LHS PROJECT NO: 552-202955-5207-1

CAT 324D Coordinates: Z08N N6901260m E584474m ELEVATION: m

SAMPLE TYPE UNDISTURBED DCPT AUGER BULK SPT CORE

ELEV. (m)	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> Plastic M.C. Liquid 0 20 40 60 80 100 </div> <div style="text-align: center;"> ★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■ </div> </div>	Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
0						SILT -Beige, dry	0
			005				1
						SAND, silty, trace gravel -Fine grained	2
							3
			006				4
						END of HOLE -Deep overburden	5

SUBSURFACE EXPLORATION AND TEST REPORT SOURCE/TP#: 930-04

Faro Turnoff Pit Expansion, km 9.2 LHS PROJECT NO: 552-202955-5207-1

CAT 324D Coordinates: Z08N N6901254m E584566m ELEVATION: m

SAMPLE TYPE UNDISTURBED DCPT AUGER BULK SPT CORE

ELEV. (m)	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> Plastic M.C. Liquid 0 20 40 60 80 100 </div> <div style="text-align: center;"> ★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■ 0 20 40 60 80 100 </div> </div>	Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
0						ORGANICS -Root inclusion SAND, silty	0
1						-Grey	1
2			009				2
3							3
4							4
5			010			END of HOLE -Target depth	5

SUBSURFACE EXPLORATION AND TEST REPORT SOURCE/TP#: 930-05

Faro Turnoff Pit Expansion, km 9.2 LHS
PROJECT NO: 552-202955-5207-1

CAT 324D Coordinates: Z08N N6901242m E584515m
ELEVATION: m

SAMPLE TYPE UNDISTURBED DCPT AUGER BULK SPT CORE

ELEV. (m)	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Plastic M.C. Liquid</p> <p>0 20 40 60 80 100</p> </div> <div style="width: 45%;"> <p>★ Percent Fines ★</p> <p>◆ Percent Sand ◆</p> <p>■ Percent Gravel ■</p> <p>0 20 40 60 80 100</p> </div> </div>	Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
						ORGANICS SILT and ASH	
						SAND, well graded with silt and gravel, some cobbles Beige, damp, rounded cobbles, subrounded gravel	1
				011	SW-SM		2
						-Boulder	3
							4
				012	SM	-Silty	5
						END of HOLE -Target depth reached	

SUBSURFACE EXPLORATION AND TEST REPORT SOURCE/TP#: 930-06

Faro Turnoff Pit Expansion, km 9.2 LHS PROJECT NO: 552-202955-5207-1

CAT 324D Coordinates: Z08N N6901216m E584486m ELEVATION: m

SAMPLE TYPE UNDISTURBED DCPT AUGER BULK SPT CORE

ELEV. (m)	<div style="display: flex; justify-content: space-between; font-size: small;"> Plastic M.C. Liquid </div>	<div style="display: flex; justify-content: space-around; font-size: small;"> ★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■ </div>			Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
		SOIL DESCRIPTION								
								ORGANICS, roots and wood inclusions		
								GRAVEL, well graded with silt and sand -Brown, damp, mixed angularity		
					014	GW-GM			1	
									2	
					015	SP		SAND, poorly graded with gravel -Brown, damp, mixed angularity	3	
									4	
					016	SP		-Rounded	5	
								END of HOLE -Hole sloughing		

SUBSURFACE EXPLORATION AND TEST REPORT SOURCE/TP#: 930-07

Faro Turnoff Pit Expansion, km 9.2 LHS PROJECT NO: 552-202955-5207-1

CAT 324D Coordinates: Z08N N6901215m E584463m ELEVATION: m

SAMPLE TYPE UNDISTURBED DCPT AUGER BULK SPT CORE

ELEV. (m)	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> Plastic M.C. Liquid 0 20 40 60 80 100 </div> <div style="text-align: center;"> ★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■ </div> </div>	Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
						ORGANICS	
						SILT	
						GRAVEL, poorly graded with sand, some cobbles -Rusty brown, dry, Rounded coarse, subangular sand	1
				017			
						-Grey	2
			★ ◆ ■	018	GP		
				019		SAND, silty with gravel, some cobbles -Grey, dry, rounded coarse, subangular sand	3
						END of HOLE -Caving in	4
							5

SUBSURFACE EXPLORATION AND TEST REPORT SOURCE/TP#: 930-09

Faro Turnoff Pit Expansion, km 9.2 LHS PROJECT NO: 552-202955-5207-1

CAT 324D Coordinates: Z08N N6901142m E584506m ELEVATION: m

SAMPLE TYPE UNDISTURBED DCPT AUGER BULK SPT CORE

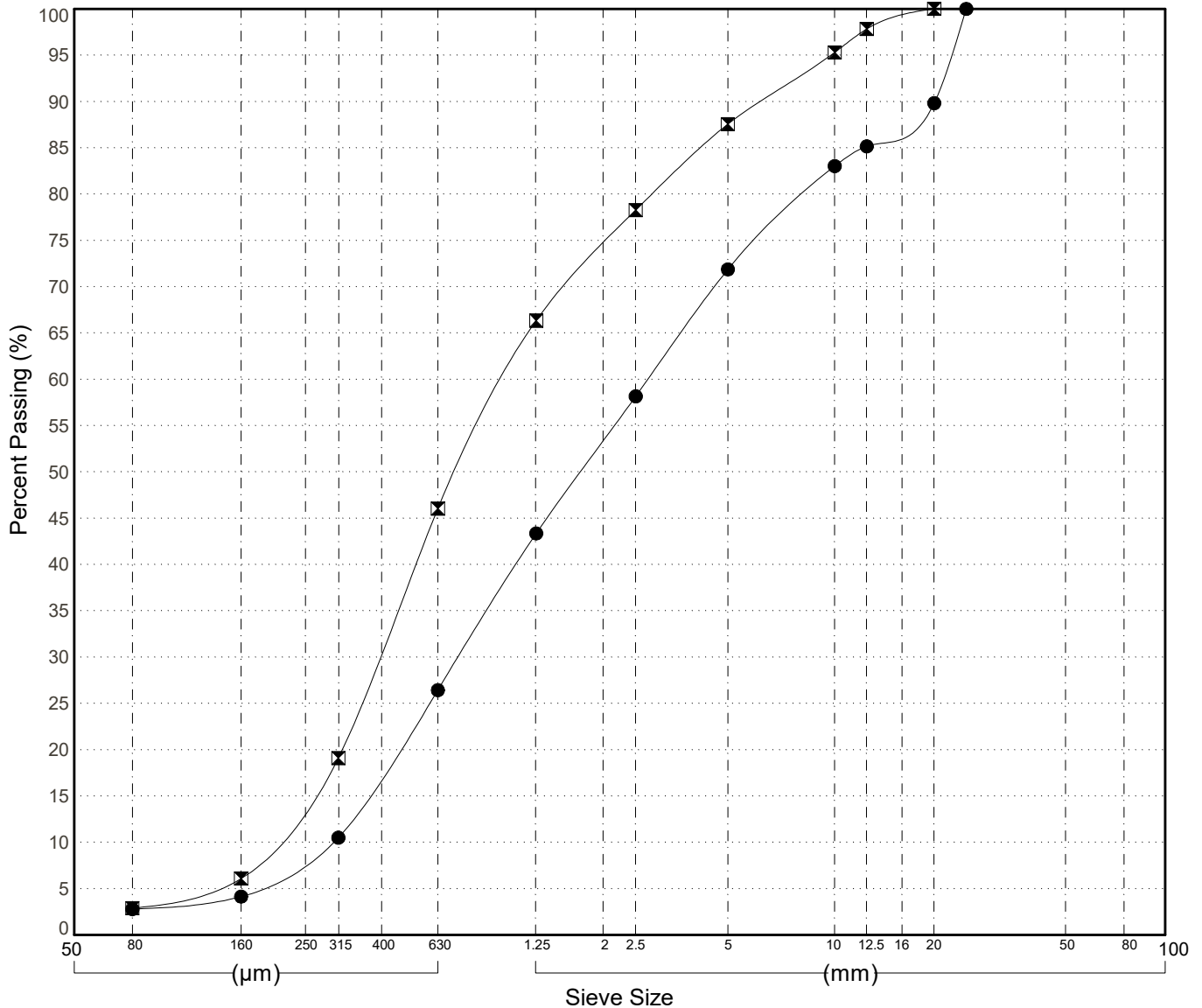
ELEV. (m)	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> Plastic M.C. Liquid 0 20 40 60 80 100 </div> <div style="text-align: center;"> ★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■ 0 20 40 60 80 100 </div> </div>	Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
0						SAND, silty, trace gravel -Moist, greyish brown	0
1							1
2							2
3			023			END of HOLE -Thick overburden	3
4							4
5							5

GRAIN SIZE ANALYSIS	Faro Turnoff Pit Expansion	SOURCE/TP#: 930-01
	km 9.2 LHS	PROJECT NO: 552-202955-5207-1
CAT 324D	Coordinates:Z08N N6901183m E584534m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10										
● 002	180002	2.1 to 2.3	POORLY GRADED SAND with GRAVEL(SP)	2.7	NP	NP	NP	0.7	9.1	0.30										
☒ 003	180003	3.3 to 3.5	POORLY GRADED SAND(SP)	2.5	NP	NP	NP	0.9	5.1	0.20										
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	
●	002	180002	100.0	100.0	100.0	100.0	89.8	85.2	83.0	71.9	53.4	33.8	17.4	8.3	4.1	2.8	28.1	69.1		2.8
☒	003	180003	100.0	100.0	100.0	100.0	97.8	95.3	87.6	74.4	54.9	30.7	14.7	6.1	2.9	12.4	84.7		2.9	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

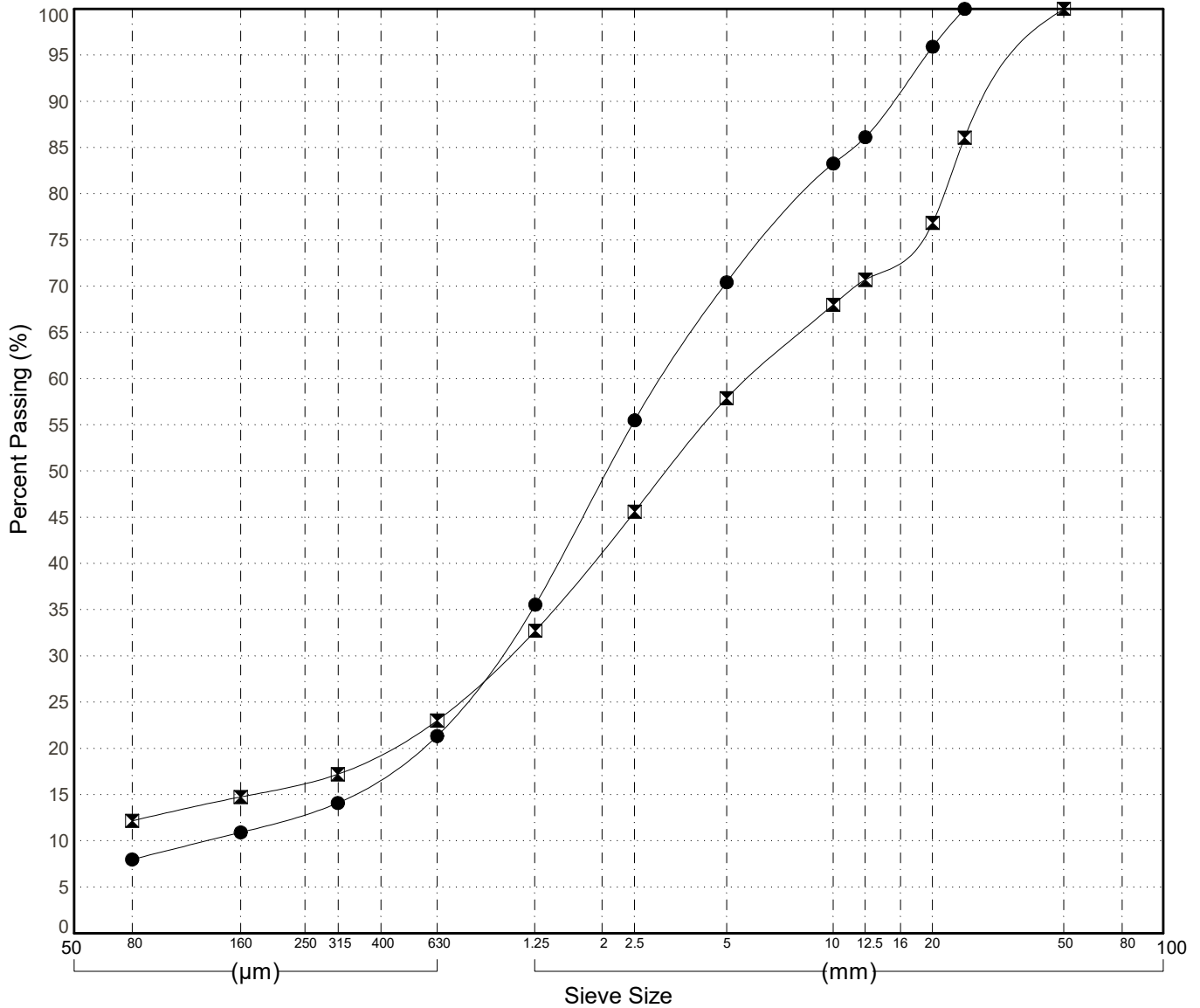


GRAIN SIZE ANALYSIS	Faro Turnoff Pit Expansion	SOURCE/TP#: 930-05
	km 9.2 LHS	PROJECT NO: 552-202955-5207-1
CAT 324D	Coordinates:Z08N N6901242m E584515m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10										
● 011	180011	1.3 to 1.5	WELL-GRADED SAND with SILT and GRAVEL(SW-SM)	2.0	NP	NP	NP	2.4	24.0	0.13										
☒ 012	180012	4.2 to 4.4	SILTY SAND with GRAVEL(SM)	2.4	NP	NP	NP	4.8	140.0											
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	
● 011	180011	100.0	100.0	100.0	100.0	95.9	86.1	83.3	70.4	49.1	27.6	17.2	13.0	10.9	8.0	29.6	62.4		8.0	
☒ 012	180012	100.0	100.0	100.0	86.1	76.8	70.7	68.0	57.9	41.5	27.3	19.7	16.4	14.7	12.2	42.1	45.7		12.2	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



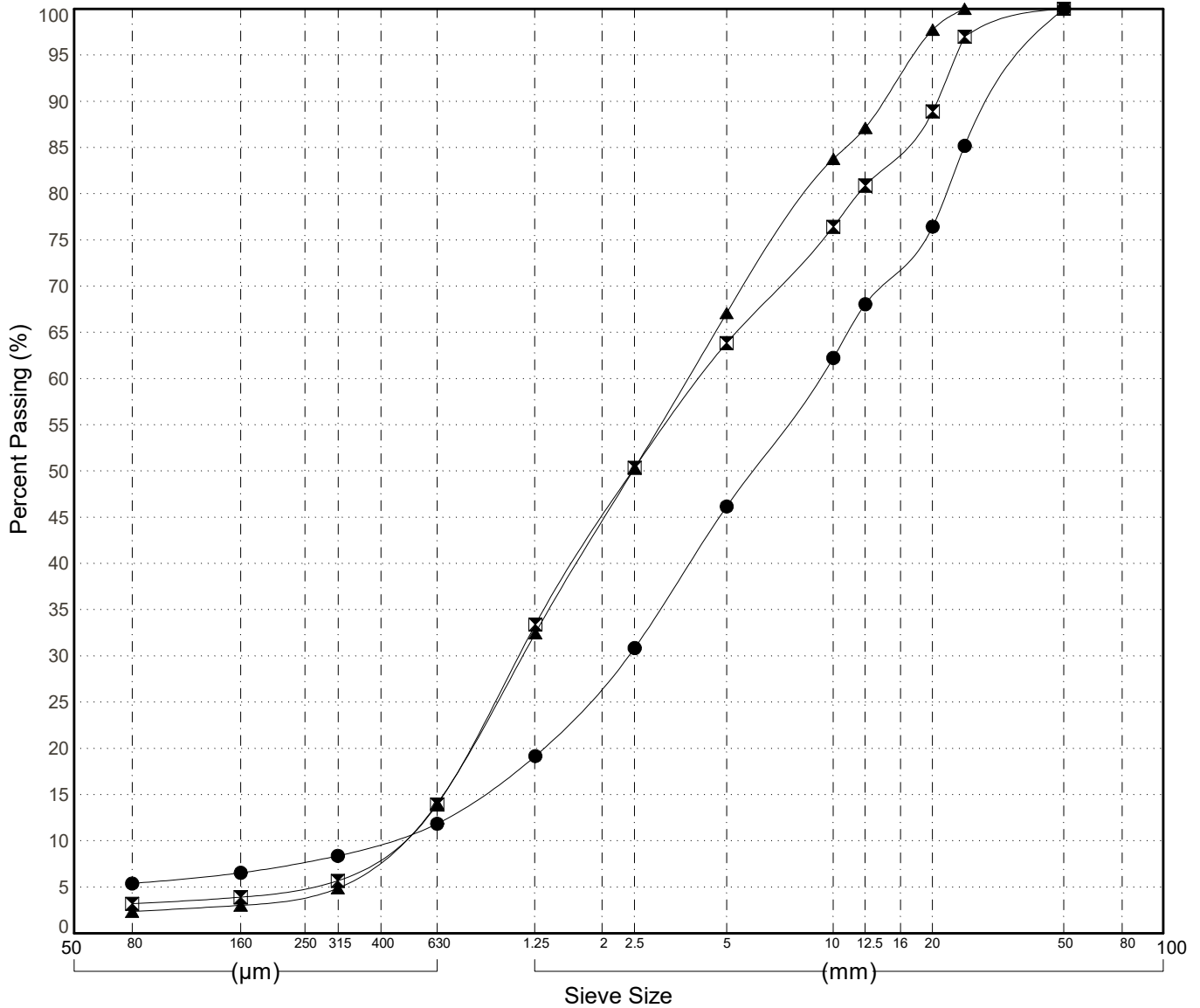
GRAIN SIZE ANALYSIS	Faro Turnoff Pit Expansion	SOURCE/TP#: 930-06
	km 9.2 LHS	PROJECT NO: 552-202955-5207-1
CAT 324D	Coordinates:Z08N N6901216m E584486m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10
● 014	180013	1.0 to 1.2	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	1.8	NP	NP	NP	1.4	20.7	0.44
☒ 015	180014	2.6 to 2.8	POORLY GRADED SAND with GRAVEL(SP)	1.7	NP	NP	NP	0.7	8.7	0.45
▲ 016	180015	3.5 to 3.7	POORLY GRADED SAND with GRAVEL(SP)	1.8	NP	NP	NP	0.8	7.8	0.46

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	180013	100.0	100.0	100.0	85.2	76.4	68.1	62.2	46.2	27.1	15.1	9.9	7.8	6.5	5.4	53.8	40.8	5.4	5.4
☒	015	180014	100.0	100.0	100.0	97.0	88.9	80.9	76.4	63.9	44.9	22.4	9.2	5.1	3.9	3.2	36.1	60.7	3.2	3.2
▲	016	180015	100.0	100.0	100.0	100.0	97.7	87.1	83.8	67.1	44.6	22.1	8.8	4.2	3.0	2.3	32.9	64.8	2.3	2.3

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

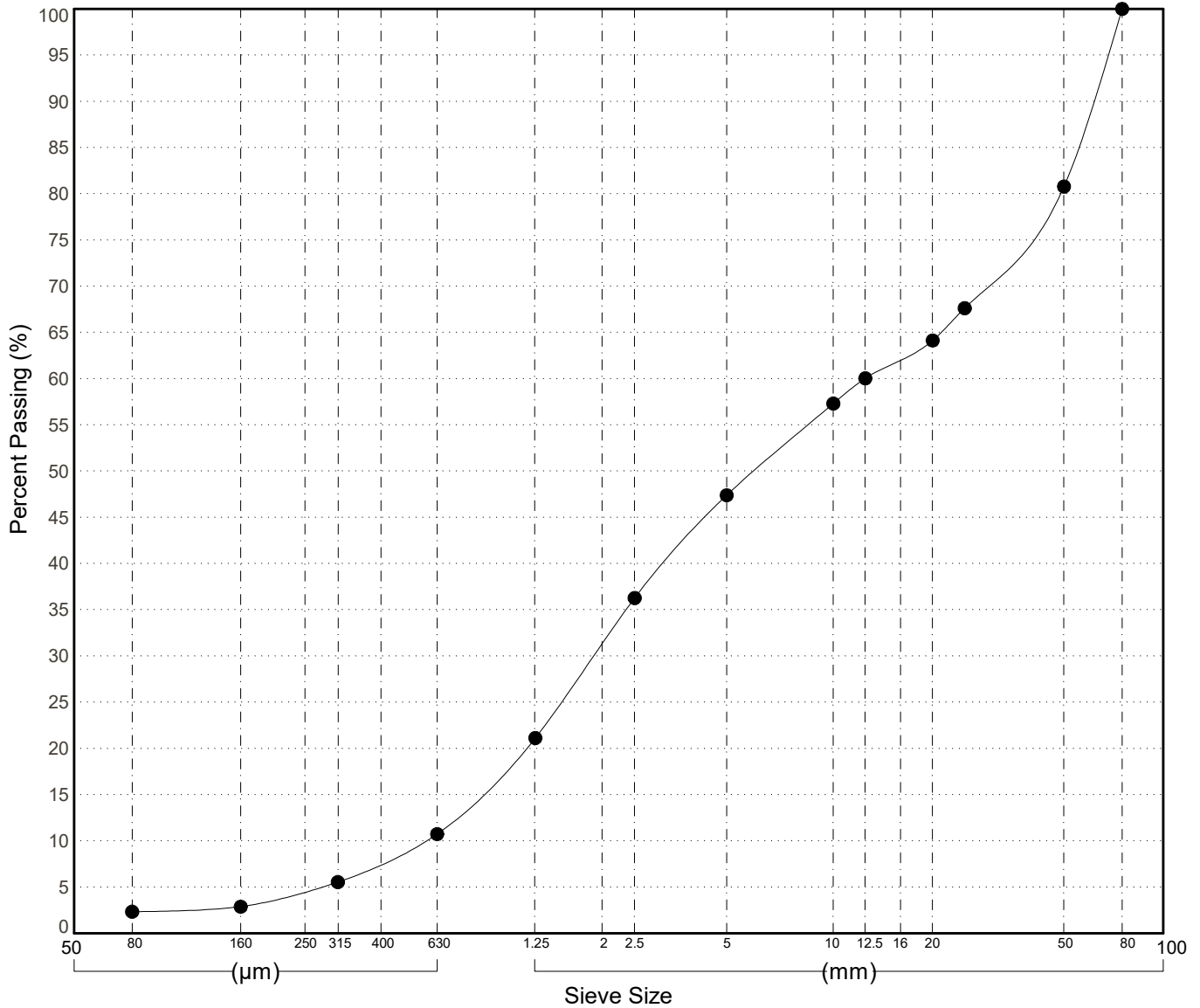


GRAIN SIZE ANALYSIS	Faro Turnoff Pit Expansion	SOURCE/TP#: 930-07
	km 9.2 LHS	PROJECT NO: 552-202955-5207-1
CAT 324D	Coordinates:Z08N N6901215m E584463m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10										
● 018	180017	2.5 to 2.7	POORLY GRADED GRAVEL with SAND(GP)	1.3	NP	NP	NP	0.5	21.8	0.57										
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				
● 018	180017	100.0	100.0	80.8	67.6	64.1	60.0	57.3	47.4	31.4	15.3	7.8	4.6	2.9	2.3	Gravel	Sand	Silt	Clay	
																52.6	45.1		2.3	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Faro Turnoff Pit Expansion	SOURCE/TP#: 930-08
	km 9.2 LHS	PROJECT NO: 552-202955-5207-1
CAT 324D	Coordinates:Z08N N6901186m E584504m	ELEVATION: m

Master Revised June 2017

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu	D10										
● 020	180019	2.0 to 2.2	SILTY SAND with GRAVEL(SM)	2.6	NP	NP	NP													
☒ 022	180021	4.2 to 4.4	POORLY GRADED SAND with GRAVEL(SP)	1.9	NP	NP	NP	0.9	6.5	0.18										
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				
● 020	180019	100.0	100.0	100.0	88.8	79.9	74.2	70.3	58.3	43.2	30.7	25.5	22.2	18.9	13.9	Gravel	Sand	Silt	Clay	
☒ 022	180021	100.0	100.0	100.0	100.0	100.0	92.1	89.0	80.7	67.9	50.8	28.8	14.6	7.9	4.8	19.3	75.9		4.8	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

