

SUBSURFACE EXPLORATION AND TEST REPORT Dempster Highway SOURCE/TP#: 904-6593

Ken Roberts Dempster Highway Small Rig, km 228 PROJECT NO: 552-202105

4" Solid Stem Coordinates: Z07N N630731m E7278364m ELEVATION: m

SAMPLE TYPE UNDISTURBED DCPT AUGER BULK SPT 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						
								ORGANIC SILT -Frozen, dark brown	1
					001			SAND - Silty with gravel -Dark brown, compact, frozen	2
								-Very slow drilling, grinding -Silt balls on auger stem	3
					002				4
								END of HOLE -Target depth reached	



Highways and Public Works
Transportation Engineering Branch

LOGGED BY: D.Lorenzi	Termination Depth: 4.1m
COMPILED BY: R.Stilwell	Complete: 11/21/2016 4:00:00 PM
REVIEWED BY:	Pit #: Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 904-6593
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630731m E7278364m	ELEVATION: m


PHOTOS



Figure 904-6593.1
Photo of auger and material from 0 and 1.2m of borehole 904-6593.



Figure 904-6593.2
Photo of auger and material representing borehole 904-6593 from 1.2 and 4.1m.

SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 904-6594			
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105			
4" Solid Stem		Coordinates: Z07N N630683m E7278314m		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 0 20 40 60 80 100						
						ORGANIC SILT -Dark brown, frozen	1
			003			SAND - Silty with gravel -Dark brown, frozen -Sample mix from auger and cuttings	2
			004				3
							4
						END of HOLE -Target depth reached	
 Highways and Public Works Transportation Engineering Branch		LOGGED BY: D.Lorenzi		Termination Depth: 4.5m			
		COMPILED BY: R.Stilwell		Complete: 11/22/2016 10:10:00 AM			
		REVIEWED BY:		Pit #: Page 1 of 1			

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 904-6594
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630683m E7278314m	ELEVATION: m

PHOTOS



Figure 904-6594.1
Photo of auger and material representing borehole 904-6594 from 1.5 and 3.0m



Figure 904-6594.2
Photo of auger and material representing borehole 904-6594 from 3.0 and 4.5m

SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 905-6595				
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105				
4" Solid Stem		Coordinates: Z07N N630665m E7278248m		ELEVATION: m				
SAMPLE TYPE		<input type="checkbox"/> UNDISTURBED <input type="checkbox"/> DCPT <input checked="" 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)
		0 20 40 60 80 100 0 20 40 60 80 100						
				005			ORGANIC SILT - With peat -Brown, frozen	
							SAND - Silty with gravel -Dark brown, frozen	1
							-Partly frozen	2
				006				3
				007				4
							END of HOLE -Target depth reached	4



SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6595
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630665m E7278248m	ELEVATION: m

PHOTOS



Figure 905-6595.1
Photo of drill cuttings coming up auger in borehole 904-6595 from 1.5 and 3.0m



Figure 905-6595.2
Photo of drill cuttings coming up auger in borehole 904-6595 from 3.0 and 3.8m

SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 905-6596				
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105				
4" Solid Stem		Coordinates: Z07N N630586m E7278181m		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★		Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
		◆ Percent Sand◆						
		■ Percent Grave■						
							PEAT - With organic silt -Brown, frozen	
							ORGANIC SILT - With peat -Brown, wet, soft	
							GRAVEL - Silty with sand -Dark brown, frozen, trace organics	1
								2
				008				3
				009				4
							END of HOLE -Target depth reached	



SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6596
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630586m E7278181m	ELEVATION: m

PHOTOS



Figure 905-6596.1
 Photo of drill cuttings coming up auger in borehole 904-6596 from 0 and 0.4m



Figure 905-6596.2
 Photo of drill cuttings coming up auger in borehole 904-6595 from 0.4 and 1.0m

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6596
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630586m E7278181m	ELEVATION: m

PHOTOS



Figure 905-6596.3
Photo from borehole 905-6596 representative of soil strata between 1 and 4.2m

SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 905-6597				
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105				
4" Solid Stem		Coordinates: Z07N N630591m E7278076m		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★		Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
		◆ Percent Sand◆						
		■ Percent Gravel■						
							PEAT - With organic silt -Dark brown, frozen	1
							GRAVEL - Poorly graded with silt and sand -Dark brown, frozen	2
				010				3
				011				4
							END of HOLE -Target depth reached	
		Highways and Public Works Transportation Engineering Branch			LOGGED BY: D.Lorenzi		Termination Depth: 4.3m	
					COMPILED BY: R.Stilwell		Complete: 11/22/2016 5:30:00 PM	
					REVIEWED BY:		Pit #: Page 1 of 1	

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6597
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630591m E7278076m	ELEVATION: m

PHOTOS



Figure 905-6597.1
Photo of drill cuttings coming up auger in borehole 904-6597 from 2.0 and 3.0m

SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 905-6598			
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105			
4" Solid Stem		Coordinates: Z07N N630576m E7277936m		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★	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
		◆ Percent Sand◆					
	0 20 40 60 80 100	0 20 40 60 80 100				PEAT - With organic silt -Brown, frozen	1
			012			GRAVEL - Silty with sand	2
						END of HOLE -Refusal	
		Highways and Public Works Transportation Engineering Branch		LOGGED BY: D.Lorenzi		Termination Depth: 2.1m	
				COMPILED BY: R.Stilwell		Complete: 11/23/2016 1:00:00 PM	
				REVIEWED BY:		Pit #: Page 1 of 1	

SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 905-6599			
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105			
4" Solid Stem		Coordinates: Z07N N630572m E7277848m		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★		Sample #	SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
		◆ Percent Sand◆					
		■ Percent Gravel■					
						PEAT - With organic silt -Brown, frozen	1
							2
							3
						END of HOLE -No good material	
		Highways and Public Works Transportation Engineering Branch		LOGGED BY: D.Lorenzi		Termination Depth: 3.2m	
				COMPILED BY: R.Stilwell		Complete: 11/23/2016 2:45:00 PM	
				REVIEWED BY:		Pit #: _____	

SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 905-6600	
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105	
4" Solid Stem		Coordinates: Z07N N630505m E7277893m		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★		Sample #	SOIL SYMBOL
		◆ Percent Sand◆			
		■ Percent Gravel■			DCPT/SPT Blows/30cm
					SOIL DESCRIPTION
					PEAT - With organic silt -Brown, frozen, strong organic smell
					1
					2
					3
					END of HOLE -Poor material
		Highways and Public Works Transportation Engineering Branch		LOGGED BY: D.Lorenzi	
				Termination Depth: 3.1m	
				COMPLETE BY: R.Stilwell	
				Complete: 11/23/2016 4:30:00 PM	
				REVIEWED BY:	
				Pit #: Page 1 of 1	

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6601
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630514m E7277986m	ELEVATION: m

PHOTOS



Figure 905-6601.1
Photo from borehole 905-6601 representative of soil strata between between 1.3 and 2.0m



Figure 905-6601.2
Photo of auger cuttings coming up borehole 905-6601 from between 3 and 4.5m

SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 905-6602			
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105			
4" Solid Stem		Coordinates: Z07N N630508m E7278080m		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★	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
		◆ Percent Sand◆					
						ORGANIC SILT - With peat -Brown, frozen	1
							2
						SAND - silty with gravel -Brown, frozen	3
			015				4
						END of HOLE -Target depth reached	
		Highways and Public Works Transportation Engineering Branch		LOGGED BY: D.Lorenzi		Termination Depth: 4.5m	
				COMPILED BY: R.Stilwell		Complete: 11/25/2016 6:00:00 PM	
				REVIEWED BY:		Pit #: Page 1 of 1	

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6602
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630508m E7278080m	ELEVATION: m

PHOTOS



Figure 905-6602.1

Photo of auger from borehole 905-6602 with material representative of soil strata between 2.8 and 4.5m

SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 905-6603			
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105			
4" Solid Stem		Coordinates: Z07N N630455m E7278177m		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 0 20 40 60 80 100						
						PEAT - With organic silt -Light brown, frozen, strong organic odour	1
							2
						SAND - Poorly graded with silt and gravel -Brown, frozen	3
	●	★	016				
						-Silty	4
	●	★	017				
						END of HOLE -Target depth reached	



SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 905-6604			
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105			
4" Solid Stem		Coordinates: Z07N N630380m E7278232m		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★	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
		◆ Percent Sand◆					
		■ Percent Gravel■					
						PEAT - With organic silt -Brown, frozen	
						-Water level	
							1
							2
							3
							4
			018			SILT - with sand -Brown, frozen	
						END of HOLE -Target depth reached	
		Highways and Public Works Transportation Engineering Branch		LOGGED BY: D.Lorenzi		Termination Depth: 4.5m	
				COMPILED BY: R.Stilwell		Complete: 11/26/2016 4:00:00 PM	
				REVIEWED BY:		Pit #: Page 1 of 1	

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6604
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630380m E7278232m	ELEVATION: m

PHOTOS



Figure 905-6604.1
Photo of auger cuttings from borehole 905-6603 representative of soil strata between 0 and 3.0m

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6605
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630516m E7278344m	ELEVATION: m

PHOTOS



Figure 905-6605.1
Photo from borehole 905-6605 of material representative of soil strata between 1.0 and 3.0m.



Figure 905-6605.2
Photo from borehole 905-6605 of material representative of soil strata between 3.0 and 4.5m.

SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 905-6606			
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105			
4" Solid Stem		Coordinates: Z07N N630785m E7278441m		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★		Sample #	SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
		◆ Percent Sand◆					
		■ Percent Gravel■					
				020		PEAT - With organic silt -Brown, frozen	1
							2
						GRAVEL - Poorly graded with silt and sand -Brown, frozen	3
						END of HOLE -Refusal	
		Highways and Public Works Transportation Engineering Branch		LOGGED BY: D.Lorenzi		Termination Depth: 3.5m	
				COMPILED BY: R.Stilwell		Complete: 11/27/2016 12:15:00 PM	
				REVIEWED BY:		Pit #: Page 1 of 1	

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6606
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630785m E7278441m	ELEVATION: m


PHOTOS



Figure 905-6606.1
 Photo of drill cuttings from borehole 905-6606 representative of soil strata between 0 and 2.0m



Figure 905-6606.2
 Photo from borehole 905-6606 of material representative of soil strata between 2.4 and 3.5m

SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 905-6607				
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105				
4" Solid Stem		Coordinates: Z07N N630760m E7278531m		ELEVATION: m				
SAMPLE TYPE		<input type="checkbox"/> UNDISTURBED <input type="checkbox"/> DCPT <input type="checkbox"/> AUGER <input checked="" 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						
							PEAT - With organic silt -Brown, frozen	1
								2
				022			GRAVEL - Poorly graded with silt and sand -Brown, frozen	3
				023			-Possible water table SAND - Silty with gravel -Brown, wet	4
							END of HOLE -Target depth reached	
		Highways and Public Works Transportation Engineering Branch			LOGGED BY: D.Lorenzi		Termination Depth: 4.5m	
					COMPILED BY: R.Stilwell		Complete: 11/27/2016 3:10:00 PM	
					REVIEWED BY:		Pit #: Page 1 of 1	

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6607
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630760m E7278531m	ELEVATION: m


PHOTOS



Figure 905-6607.1
Photo of auger cuttings from borehole 905-6607 representative of soil strata between 2.4 and 3.7m



Figure 905-6607.2
Photo from borehole 905-6607 of material representative of soil strata between 3.7 and 4.5m

SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 905-6608			
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105			
4" Solid Stem		Coordinates: Z07N N630448m E7277561m		ELEVATION: m			
SAMPLE TYPE		<input type="checkbox"/> UNDISTURBED <input 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★		Sample #	SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
		◆ Percent Sand◆					
		■ Percent Gravel■					
				021		PEAT - With organic silt -Brown, frozen	
						SILT -Brown, frozen	1
							2
						SAND - Silty with gravel -Brown, frozen	3
							4
						END of HOLE -Target depth reached	
 Highways and Public Works Transportation Engineering Branch		LOGGED BY: D.Lorenzi		Termination Depth: 4.5m			
		COMPILED BY: R.Stilwell		Complete: 11/27/2016 6:10:00 PM			
		REVIEWED BY:		Pit #: _____ Page 1 of 1			

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6608
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630448m E7277561m	ELEVATION: m

PHOTOS



Figure 905-6608.1
 Photo from borehole 905-6608 of material representative of soil strata between 0 and 3.0m



Figure 905-6608.2
 Photo from borehole 905-6608 of material representative of soil strata between 3.0 and 4.5m

SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 905-6609				
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105				
4" Solid Stem		Coordinates: Z07N N630345m E7277519m		ELEVATION: m				
SAMPLE TYPE		<input type="checkbox"/> UNDISTURBED <input type="checkbox"/> DCPT <input type="checkbox"/> AUGER <input checked="" type="checkbox"/> BULK <input checked="" type="checkbox"/> SPT <input type="checkbox"/> CORE						
ELEV. (m)		★ Percent Fines★		Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
		◆ Percent Sand◆						
		■ Percent Gravel■						
	0 20 40 60 80 100	0 20 40 60 80 100						
							ORGANIC SILT - With peat -Brown, frozen	1
				024			SAND - Silty with gravel -Brown, frozen	2
							END of HOLE -Refusal	
		Highways and Public Works Transportation Engineering Branch		LOGGED BY: D.Lorenzi		Termination Depth: 2.6m		
				COMPILED BY: R.Stilwell		Complete: 11/28/2016 10:40:00 AM		
				REVIEWED BY:		Pit #: Page 1 of 1		

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6609
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630345m E7277519m	ELEVATION: m

PHOTOS



Figure 905-6609.1
Photo from borehole 905-6609 of material representative of soil strata between 0 and 1.3m

SUBSURFACE EXPLORATION AND TEST REPORT		Dempster Highway		SOURCE/TP#: 905-6610	
Ken Roberts		Dempster Highway Small Rig, km 228		PROJECT NO: 552-202105	
4" Solid Stem		Coordinates: Z07N N630647m E7277785m		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★		Sample #	SOIL SYMBOL
		◆ Percent Sand◆			
		■ Percent Gravel■			DCPT/SPT Blows/30cm
					SOIL DESCRIPTION
				025	GRAVEL - Silty with sand -Brown, frozen -Trace cobbles, boulders near surface
					END of HOLE -Refusal on boulders
		Highways and Public Works Transportation Engineering Branch		LOGGED BY: D.Lorenzi	
				Termination Depth: 0.5m	
				COMPILED BY: R.Stilwell	
		REVIEWED BY:		Complete: 11/28/2016 11:40:00 AM	
				Pit #: Page 1 of 1	

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6610
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630647m E7277785m	ELEVATION: m

PHOTOS



Figure 905-6610.1
Photo from borehole 905-6610 of material representative of soil strata between 0 and 0.5m

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6611
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630716m E7277791m	ELEVATION: m

PHOTOS



Figure 905-6611.1
Photo from borehole 905-6611 of material representative of soil strata between 2.6 and 3.8m

SUBSURFACE EXPLORATION AND TEST REPORT	Dempster Highway	SOURCE/TP#: 905-6612
Ken Roberts	Dempster Highway Small Rig, km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630704m E7277867m	ELEVATION: m

PHOTOS



Figure 905-6612.1
Photo from borehole 905-6612 of material representative of soil strata between 2.6 and 3.5m

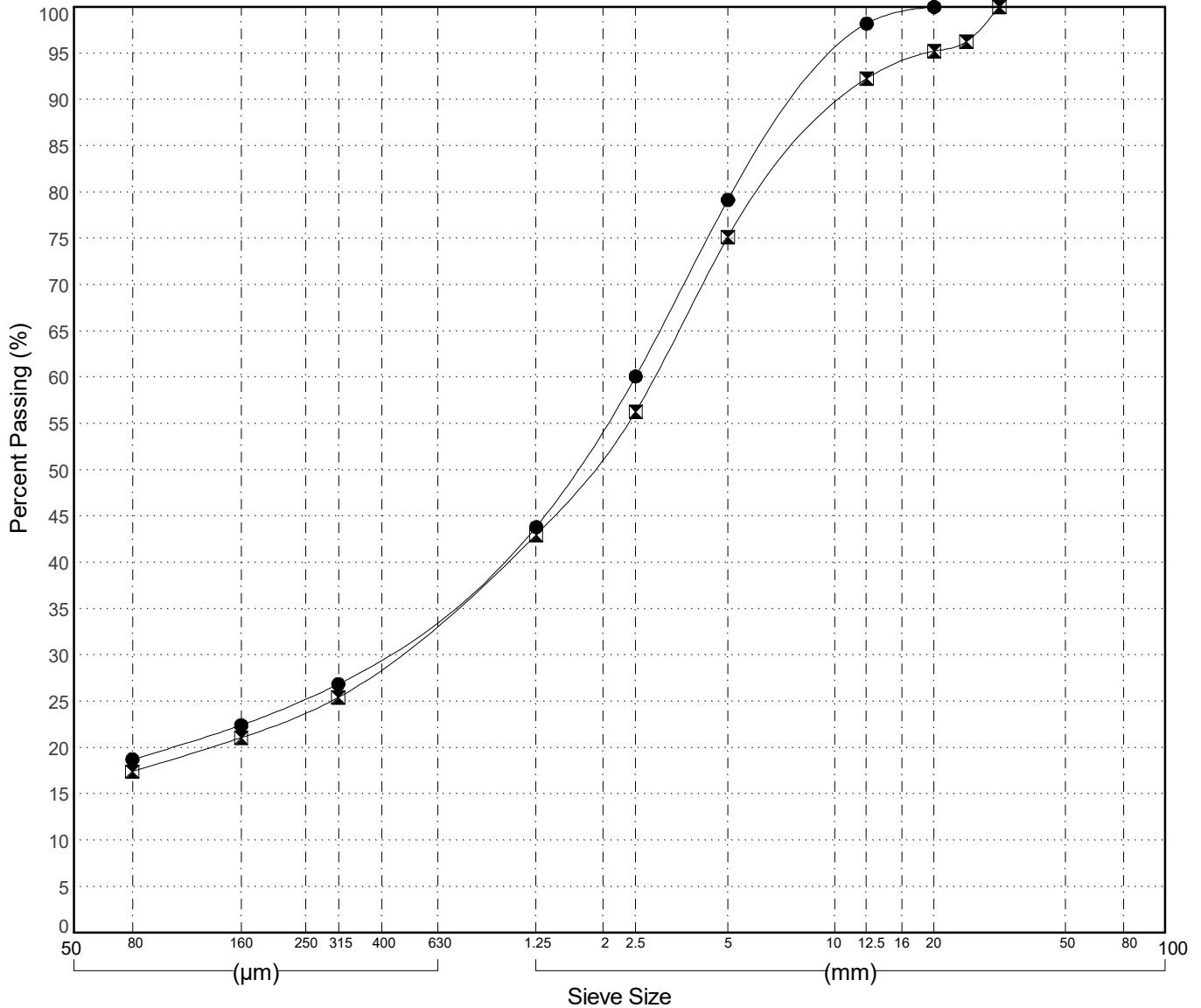
GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 904-6593
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630731m E7278364m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu
● 001	786	1.2 to 3.0	SILTY SAND with GRAVEL(SM)	0.7	NP	NP	NP		
☒ 002	787	3.0 to 4.0	SILTY SAND with GRAVEL(SM)	0.6	NP	NP	NP		

Field#	Lab#	% PASSING															% Breakdown			
			100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	Gravel	Sand	Silt	Clay
● 001	786	100.0	100.0	100.0	100.0	100.0	98.2	93.8	79.2	60.1	43.8	35.4	26.9	22.4	18.7	20.8	60.4	18.7		
☒ 002	787	100.0	100.0	100.0	96.2	95.2	92.3	88.3	75.1	56.3	43.0	34.2	25.4	21.1	17.4	24.9	57.7	17.4		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

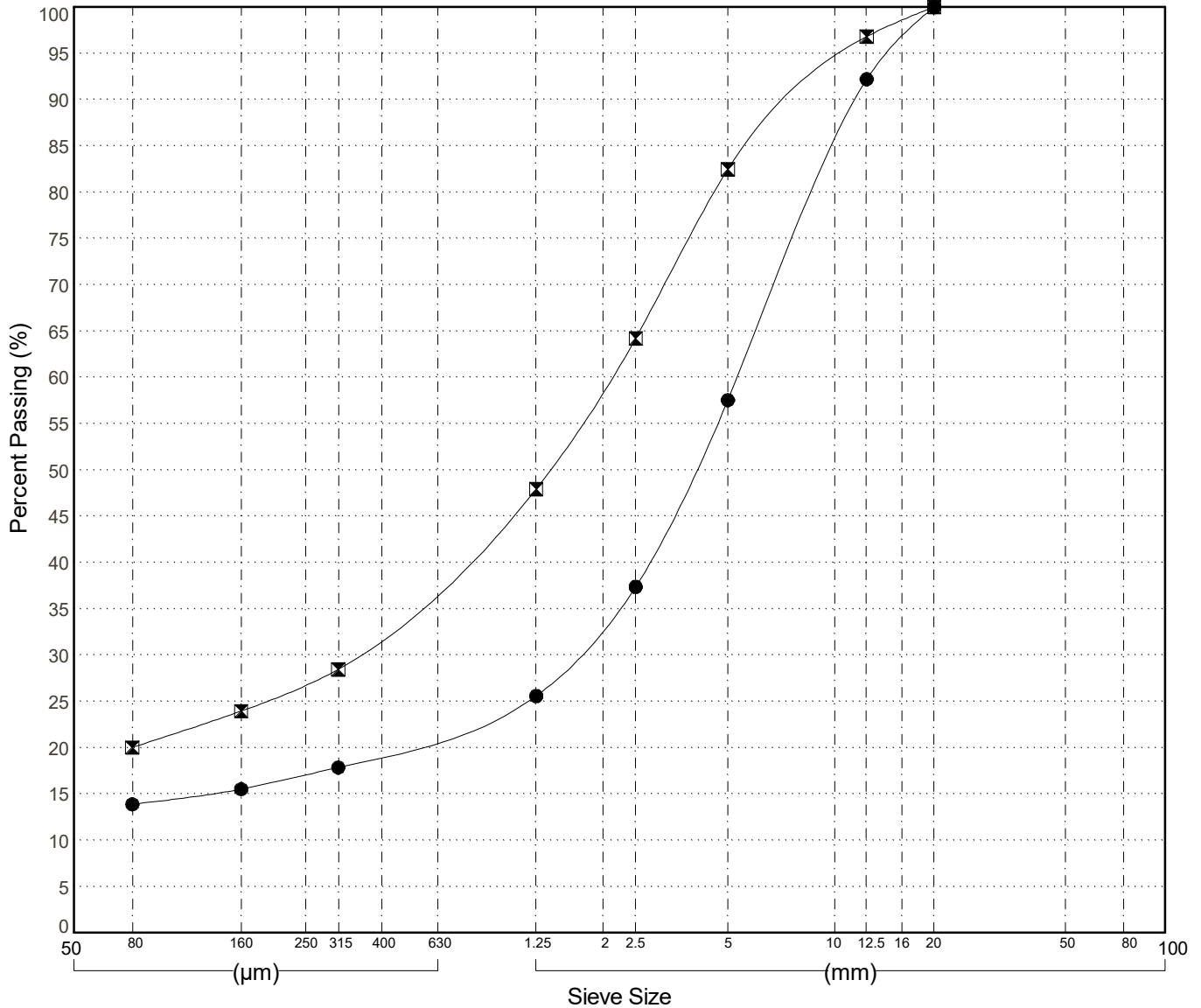


GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 904-6594
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630683m E7278314m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu											
● 003	788	1.5 to 3.0	SILTY SAND with GRAVEL(SM)	14.7	NP	NP	NP													
☒ 004	789	3.0 to 4.0	SILTY SAND with GRAVEL(SM)	8.9	NP	NP	NP													
Field#	Lab#	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	%Breakdown				
																Gravel	Sand	Silt	Clay	
● 003	788	100.0	100.0	100.0	100.0	100.0	92.2	84.2	57.5	37.4	25.6	21.7	17.9	15.5	13.9	42.5	43.6	13.9		
☒ 004	789	100.0	100.0	100.0	100.0	100.0	96.8	93.5	82.5	64.2	47.9	38.3	28.5	24.0	20.0	17.5	62.4	20.0		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



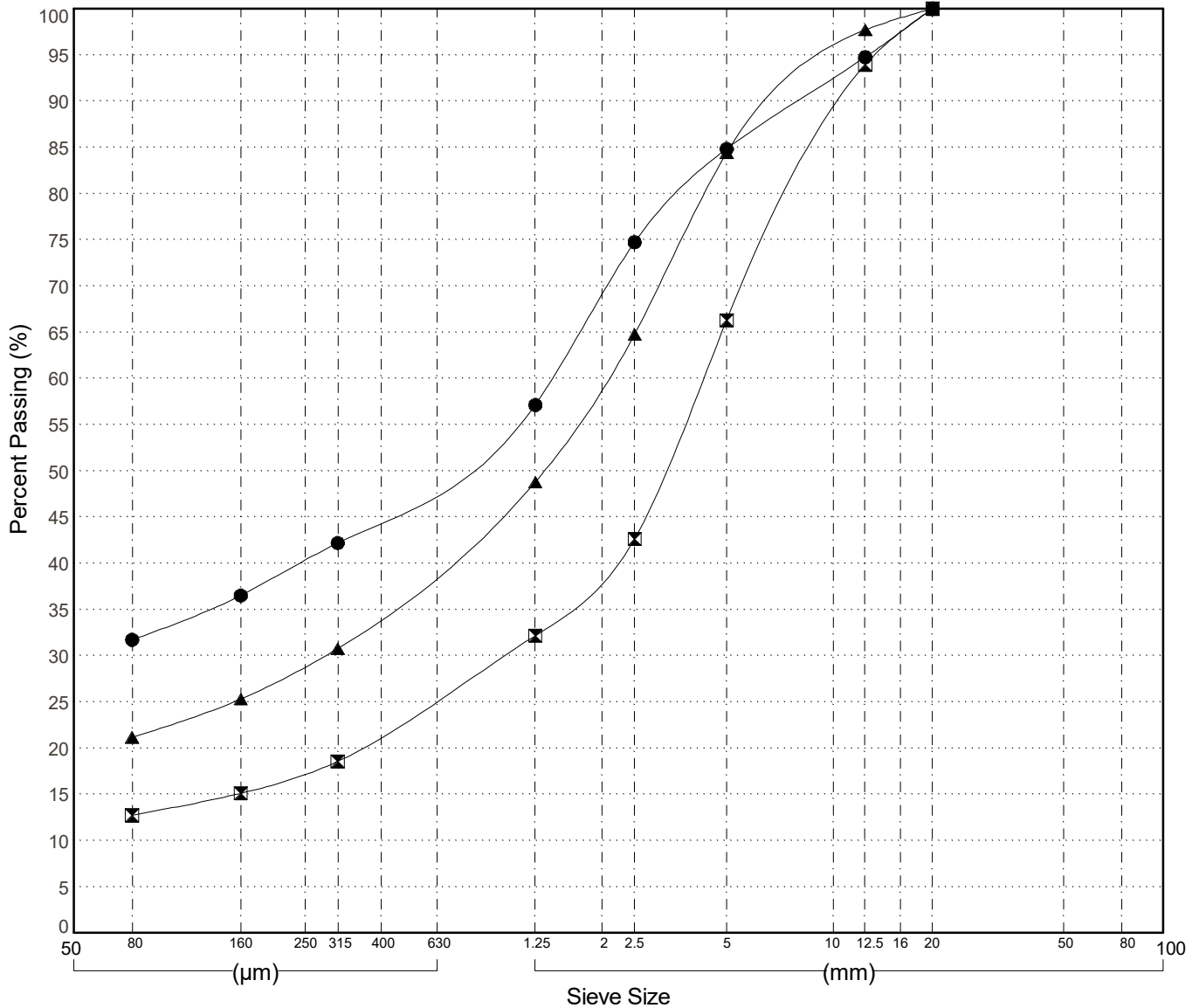
GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6595
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630665m E7278248m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu
● 005	790	0.9 to 1.5	SILTY SAND with GRAVEL(SM)	34.4	NP	NP	NP		
☒ 006	791	1.5 to 3.0	SILTY SAND with GRAVEL(SM)	5.9	NP	NP	NP		
▲ 007	792	3.0 to 3.8	SILTY SAND with GRAVEL(SM)	6.6	NP	NP	NP		

Field#	Lab#	% PASSING	Breakdown																% Breakdown			
			100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	Gravel	Sand	Silt	Clay		
● 005	790	100.0	100.0	100.0	100.0	100.0	100.0	94.8	92.5	84.8	74.7	57.1	49.7	42.2	36.5	31.7	15.2	53.1	31.7			
☒ 006	791	100.0	100.0	100.0	100.0	100.0	93.9	87.6	66.3	42.6	32.2	25.4	18.6	15.1	12.7		33.7	53.5	12.7			
▲ 007	792	100.0	100.0	100.0	100.0	100.0	97.7	94.6	84.4	64.8	48.8	39.8	30.8	25.3	21.2		15.6	63.2	21.2			

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



Highways and Public Works
Transportation Engineering Branch

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COMPILED BY: R.Stilwell
REVIEWED BY:

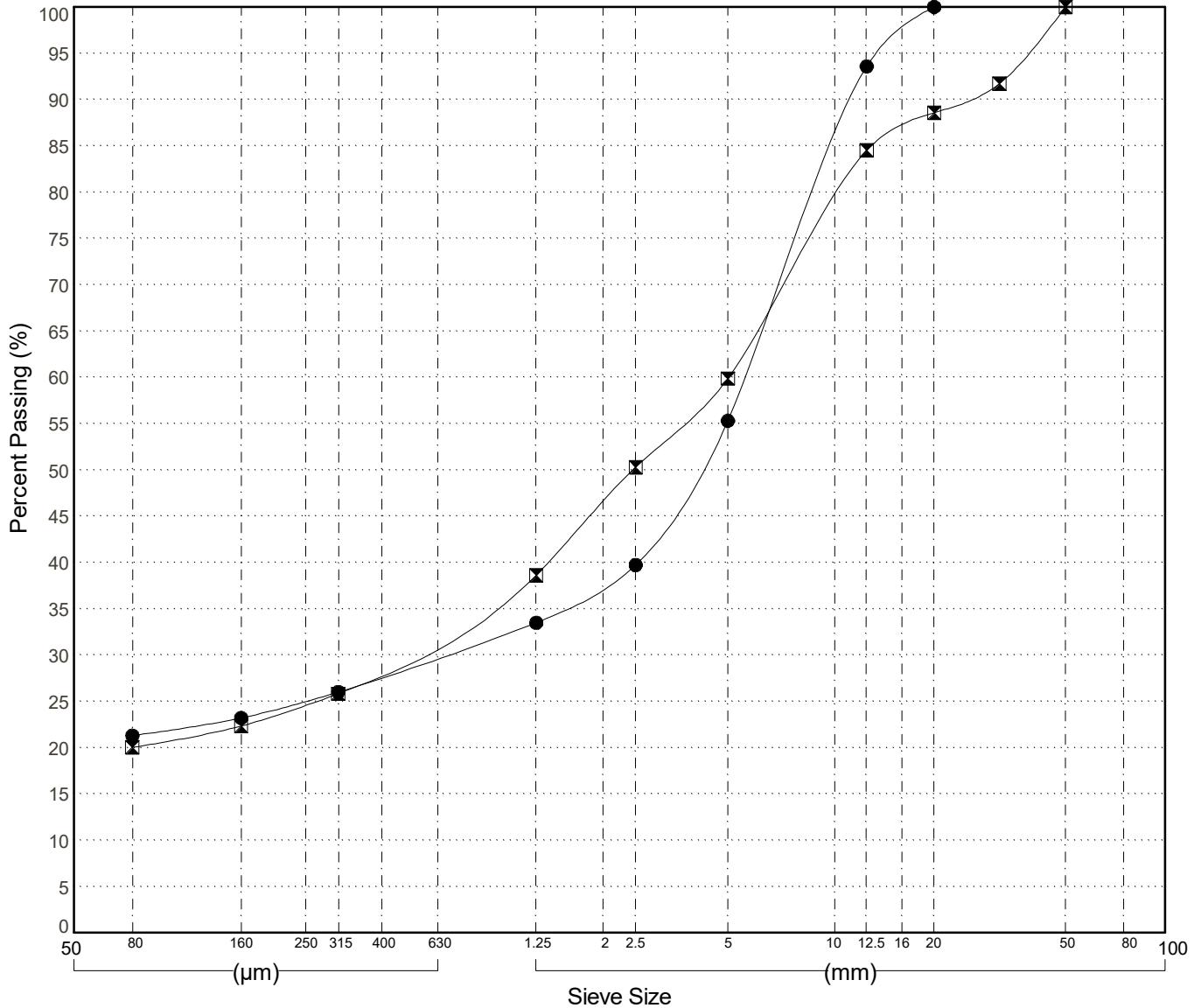
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GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6596
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630586m E7278181m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification													%H2O	LL	PL	PI	Cc	Cu
● 008	793	2.0 to 3.0	SILTY GRAVEL with SAND(GM)													15.0	NP	NP	NP		
☒ 009	794	3.0 to 4.0	SILTY GRAVEL with SAND(GM)													12.8	NP	NP	NP		
Field#	Lab#	% PASSING													% Breakdown						
		100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	Gravel	Sand	Silt	Clay		
● 008	793	100.0	100.0	100.0	100.0	100.0	93.6	84.7	55.3	39.7	33.5	29.8	26.0	23.2	21.3	44.7	34.0	21.3			
☒ 009	794	100.0	100.0	100.0	90.1	88.6	84.5	78.8	59.9	50.3	38.6	32.3	25.8	22.3	20.0	40.1	39.8	20.0			

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

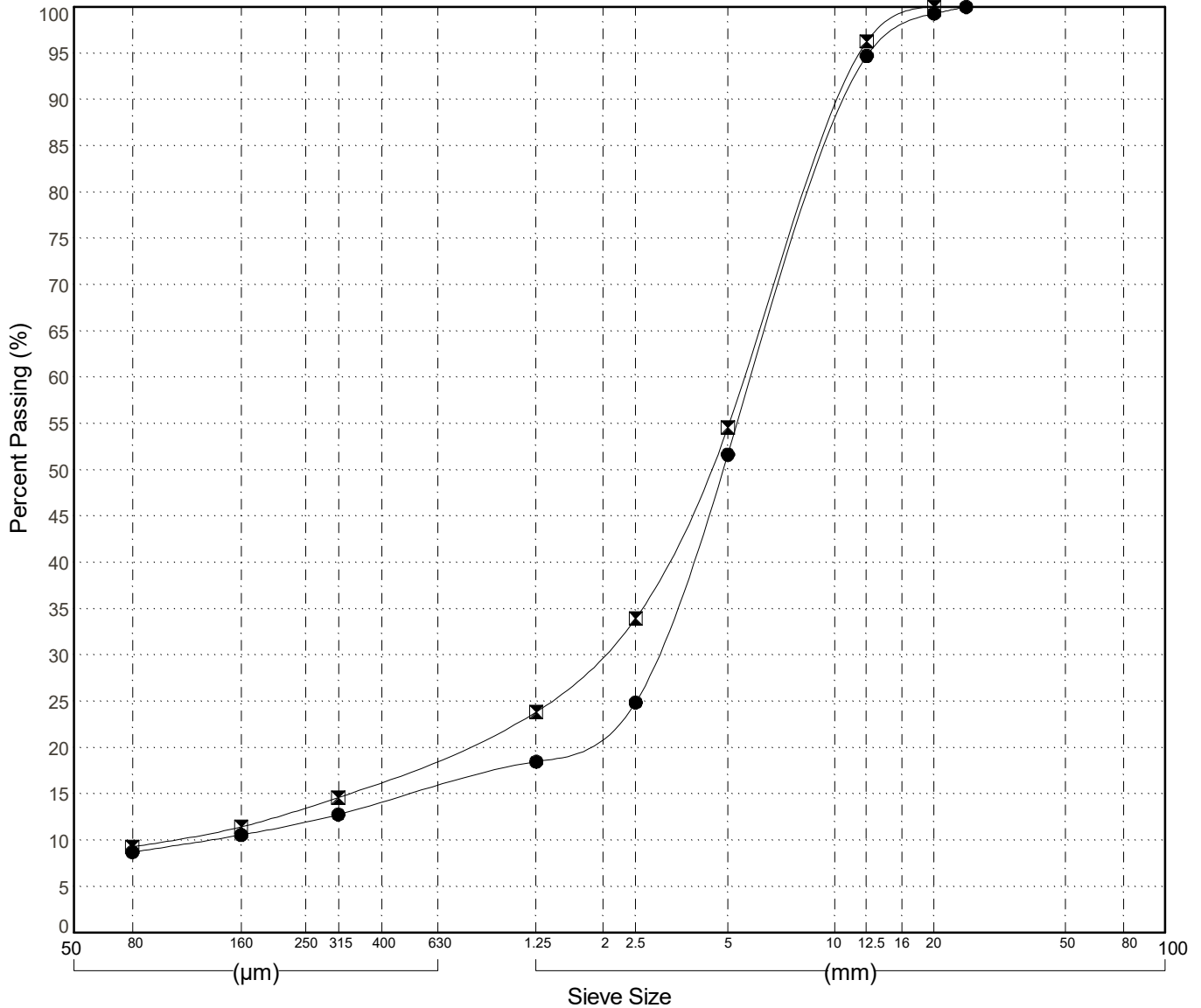


GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6597
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630591m E7278076m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu											
● 010	795	2.0 to 3.0	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	4.9	NP	NP	NP	11.0	45.3											
☒ 011	796	3.0 to 4.0	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	6.4	NP	NP	NP	7.0	56.0											
Field#	Lab#	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	%Breakdown				
● 010	795	100.0	100.0	100.0	100.0	99.3	94.7	84.8	51.6	24.9	18.5	15.6	12.8	10.6	8.7	Gravel	Sand	Silt	Clay	
☒ 011	796	100.0	100.0	100.0	100.0	100.0	96.3	86.7	54.6	33.9	23.9	19.3	14.6	11.4	9.3	48.4	42.9	8.7		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

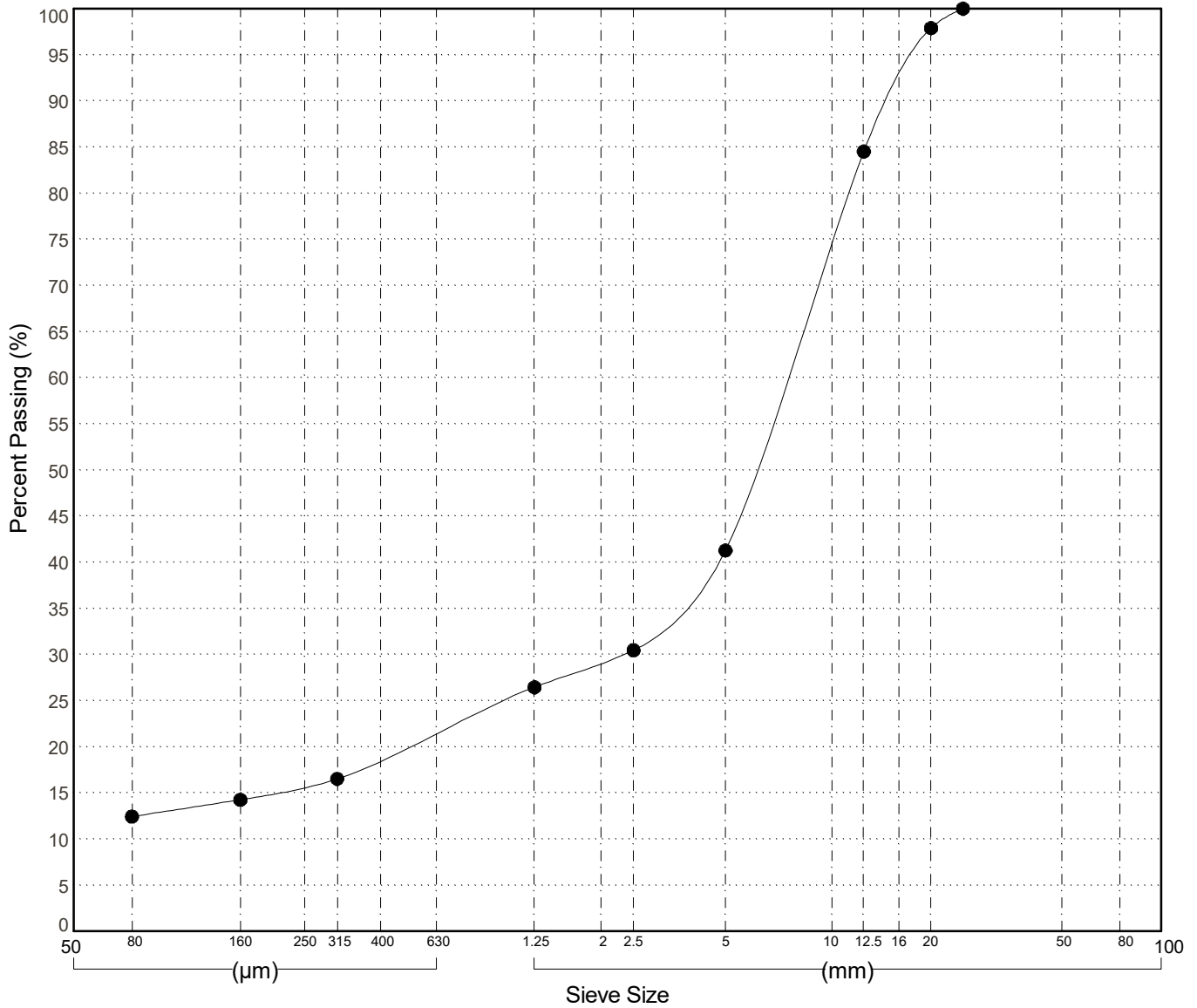


GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6598
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630576m E7277936m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu										
● 012	797	1.5 to 2.1	SILTY GRAVEL with SAND(GM)	8.8	NP	NP	NP	27.2	267.0										
Field#	Lab#	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	%Breakdown			
● 012	797	100.0	100.0	100.0	100.0	97.9	84.5	74.5	41.3	30.5	26.5	21.5	16.5	14.3	12.4	Gravel	Sand	Silt	Clay
																58.7	28.8	12.4	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

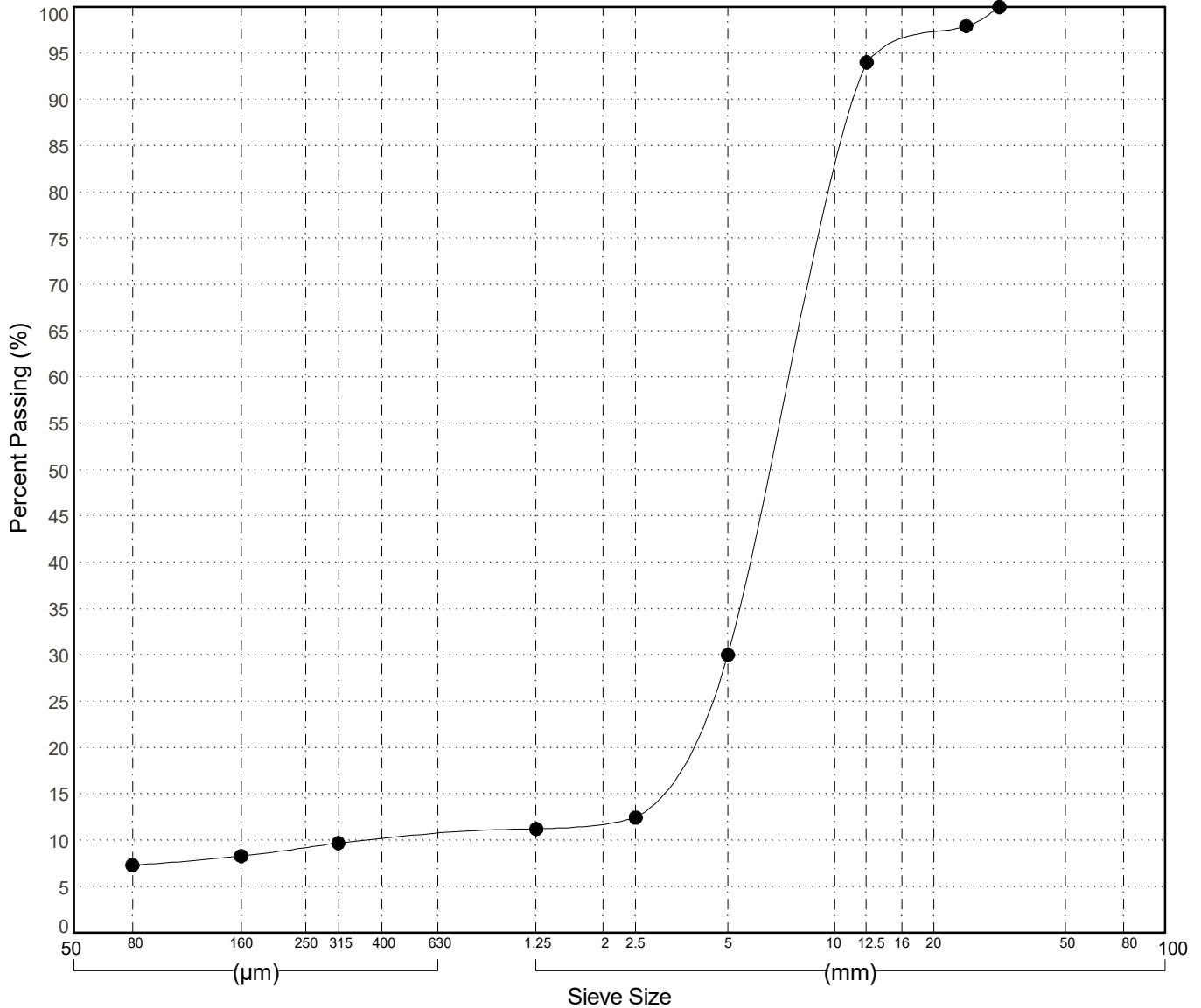


GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6601
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630514m E7277986m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu										
● 014	799	2.0 to 3.0	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	8.3	NP	NP	NP	7.4	18.3										
Field#	Lab#	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	%Breakdown			
● 014	799	100.0	100.0	100.0	97.9	96.7	94.0	79.3	30.0	12.5	11.2	10.5	9.7	8.3	7.3	Gravel	Sand	Silt	Clay
																70.0	22.7	7.3	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

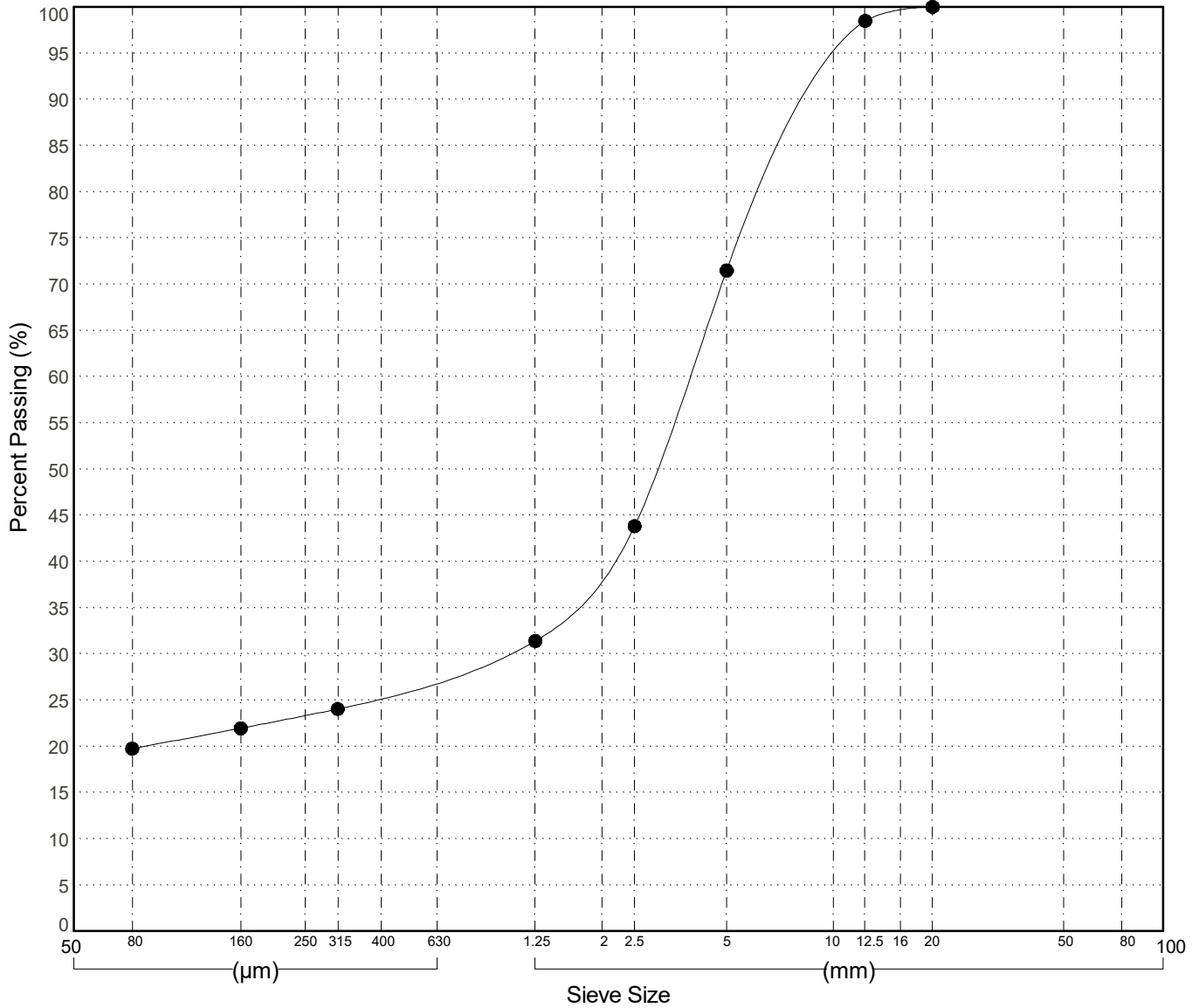


GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6602
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630508m E7278080m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification	%H ₂ O	LL	PL	PI	C _c	C _u										
● 015	800	3.6 to 4.5	SILTY SAND with GRAVEL(SM)	14.5	NP	NP	NP												
Field#	Lab#	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	%Breakdown			
● 015	800	100.0	100.0	100.0	100.0	100.0	98.5	92.3	71.5	43.8	31.4	27.7	24.0	22.0	19.8	Gravel	Sand	Silt	Clay
																28.5	51.7	19.8	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

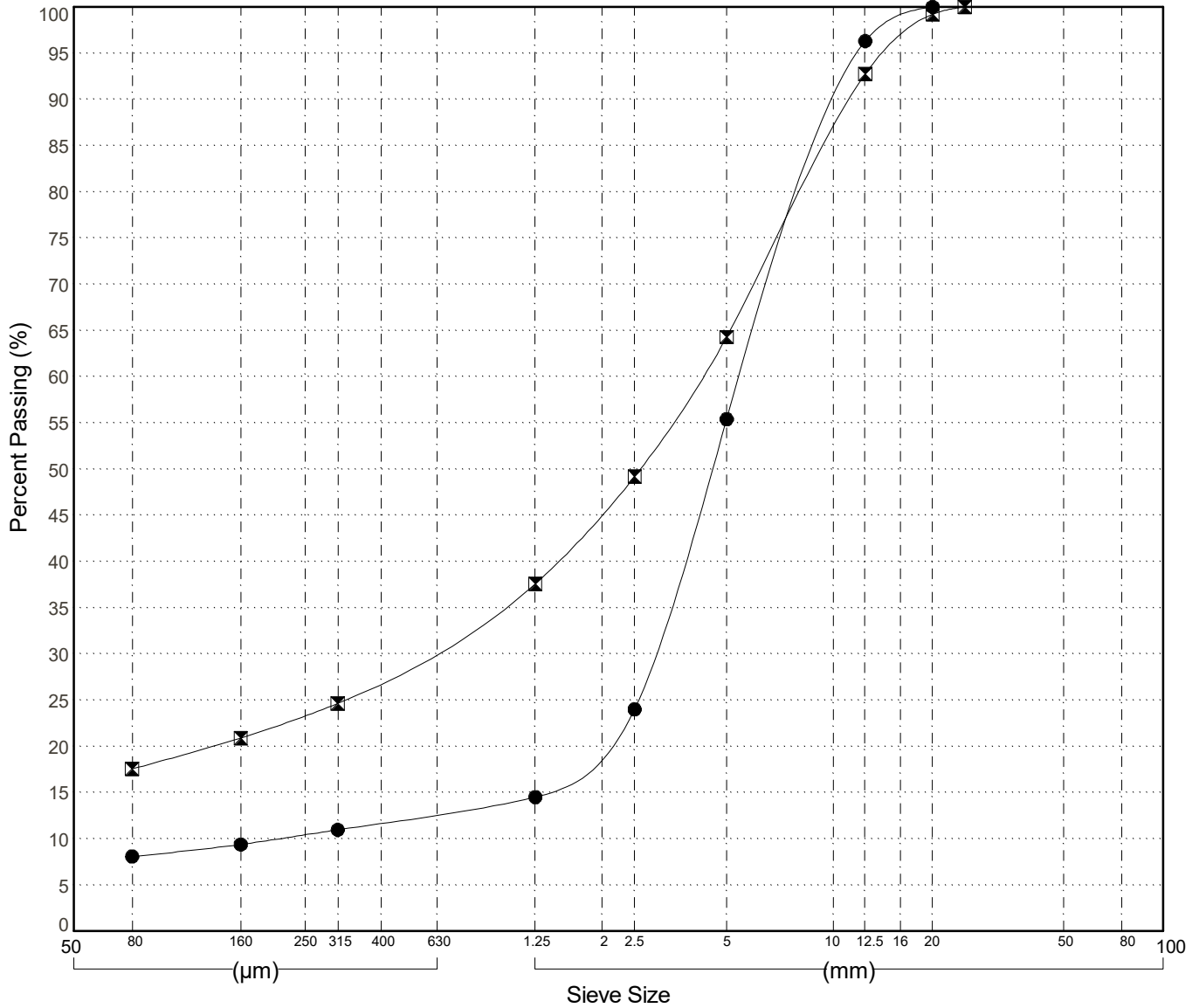


GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6603
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630455m E7278177m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu											
● 016	801	3.0 to 4.0	POORLY GRADED SAND with SILT and GRAVEL(SP-SM)	7.9	NP	NP	NP	7.2	25.5											
☒ 017	802	4.0 to 4.5	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	2.5	1.25	0.630	0.315	0.160	0.080	% Breakdown				
● 016	801	100.0	100.0	100.0	100.0	100.0	96.3	86.9	55.4	24.0	14.5	12.8	11.0	9.4	8.1	Gravel	Sand	Silt	Clay	
☒ 017	802	100.0	100.0	100.0	100.0	99.2	92.7	86.2	64.3	49.2	37.6	31.2	24.7	20.9	17.6	35.7	46.7	17.6		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

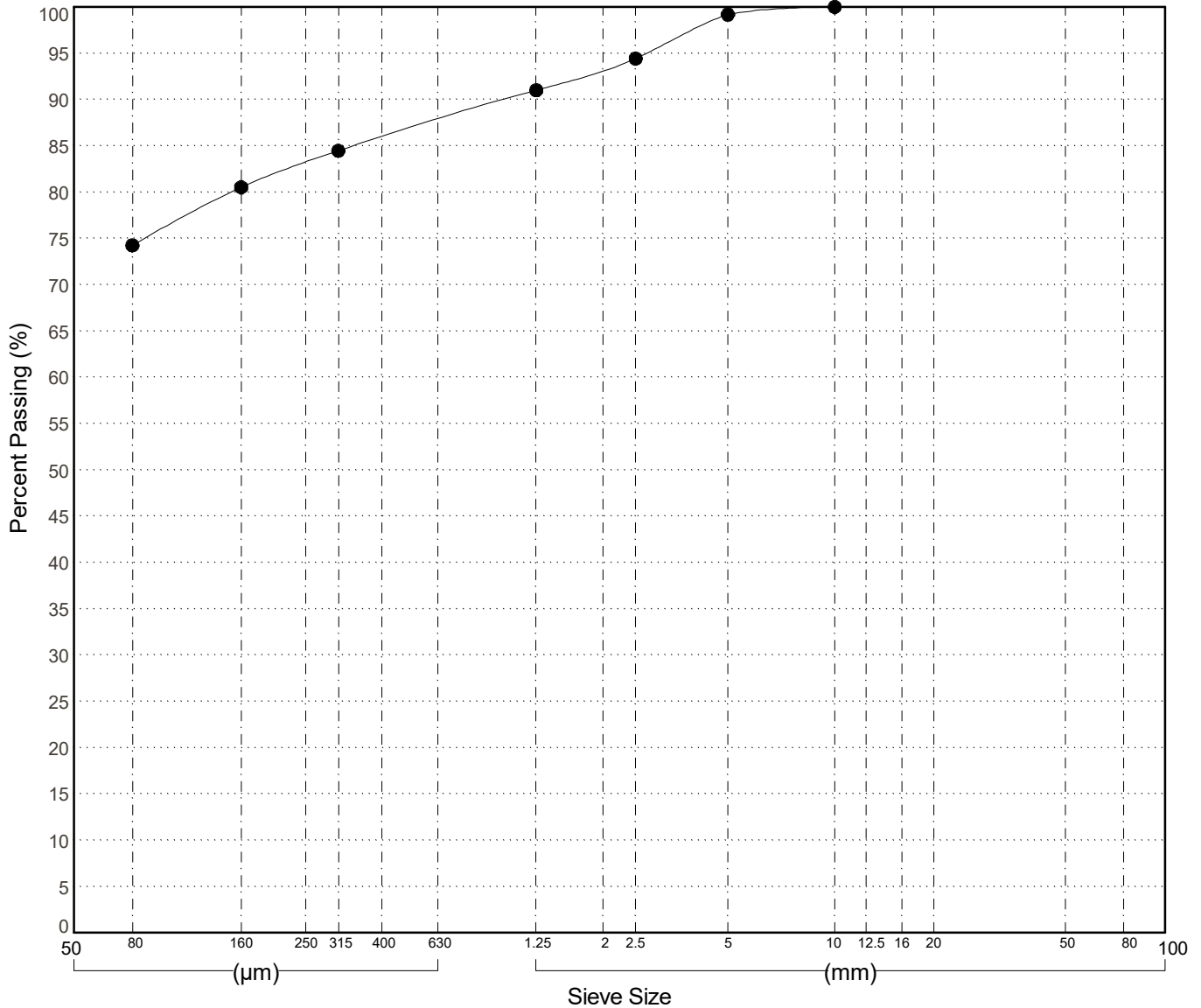


GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6604
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630380m E7278232m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification													%H2O	LL	PL	PI	Cc	Cu
● 018	803	4.0 to 4.5	SILT with SAND(ML)													72.2	NP	NP	NP		
Field#	Lab#		100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	% Breakdown				
● 018	803	% PASSING	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.2	94.4	91.0	87.8	84.5	80.5	74.3	Gravel	Sand	Silt	Clay	
																	0.8	24.9	74.3		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



Highways and Public Works
Transportation Engineering Branch

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COMPILED BY: R.Stilwell
REVIEWED BY:

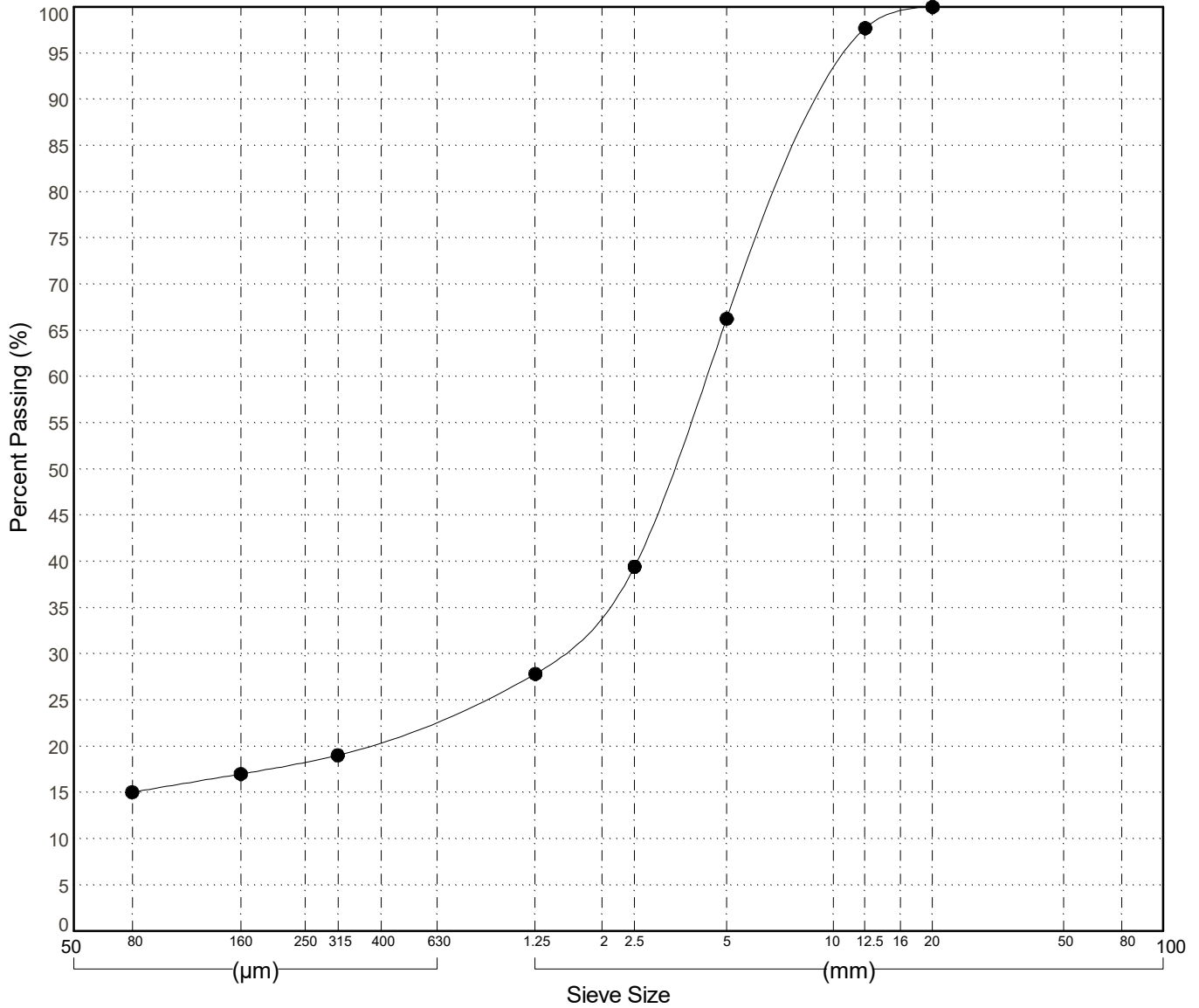
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GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6605
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630516m E7278344m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification											%H2O	LL	PL	PI	Cc	Cu	
● 019	804	3.0 to 4.5	SILTY SAND with GRAVEL(SM)											8.5	NP	NP	NP			
Field#	Lab#		100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	%Breakdown			
● 019	804	% PASSING	100.0	100.0	100.0	100.0	100.0	97.7	90.4	66.3	39.4	27.8	23.5	19.0	17.0	15.0	Gravel	Sand	Silt	Clay
																	33.7	51.2	15.0	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

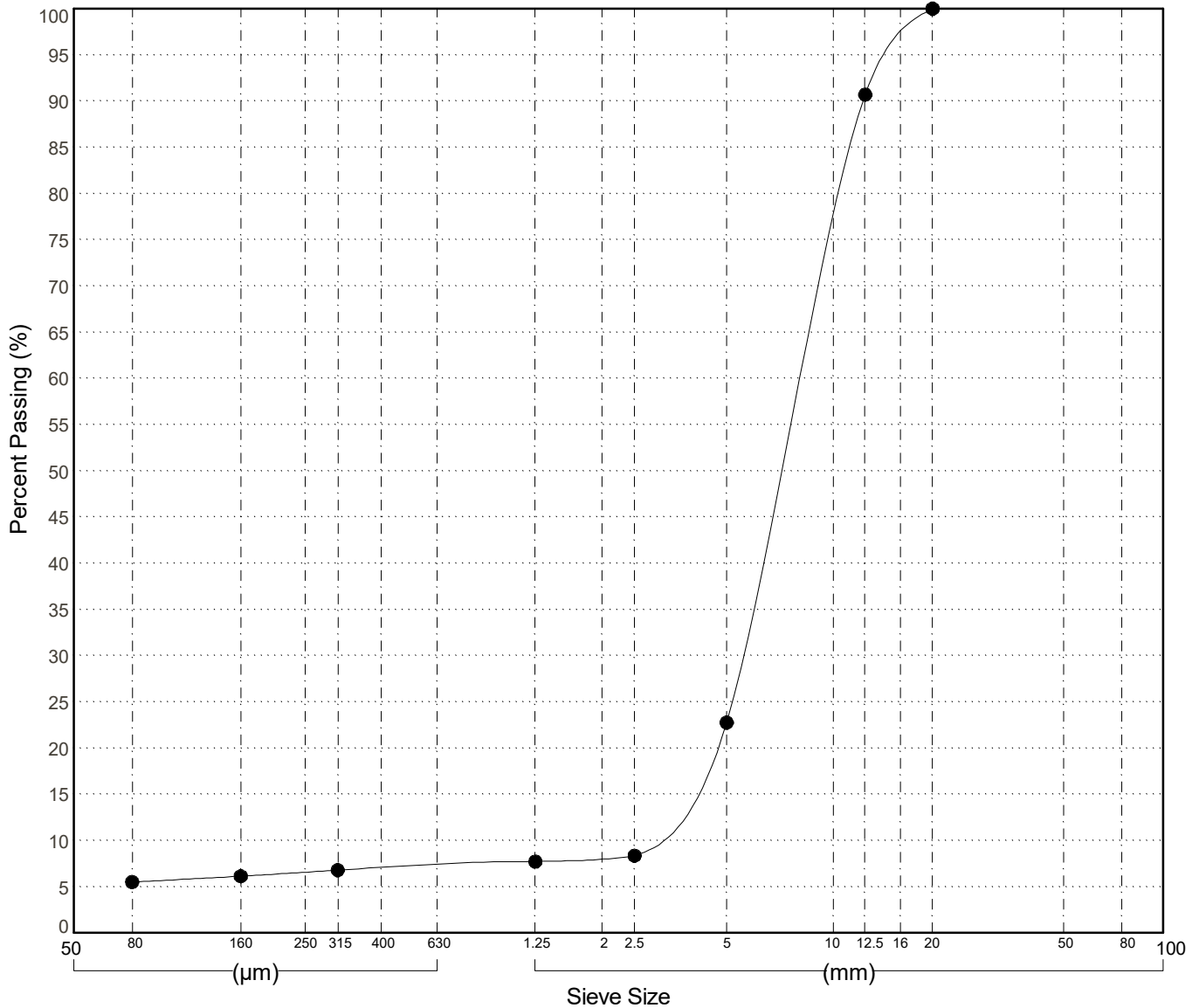


GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6606
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630785m E7278441m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification	%H ₂ O	LL	PL	PI	C _c	C _u										
● 020	805	3.0 to 3.5	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	5.5	NP	NP	NP	1.3	3.0										
Field#	Lab#	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	%Breakdown			
● 020	805	100.0	100.0	100.0	100.0	100.0	90.7	75.0	22.8	8.4	7.7	7.3	6.8	6.1	5.5	Gravel	Sand	Silt	Clay
		% PASSING														77.2	17.3	5.5	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

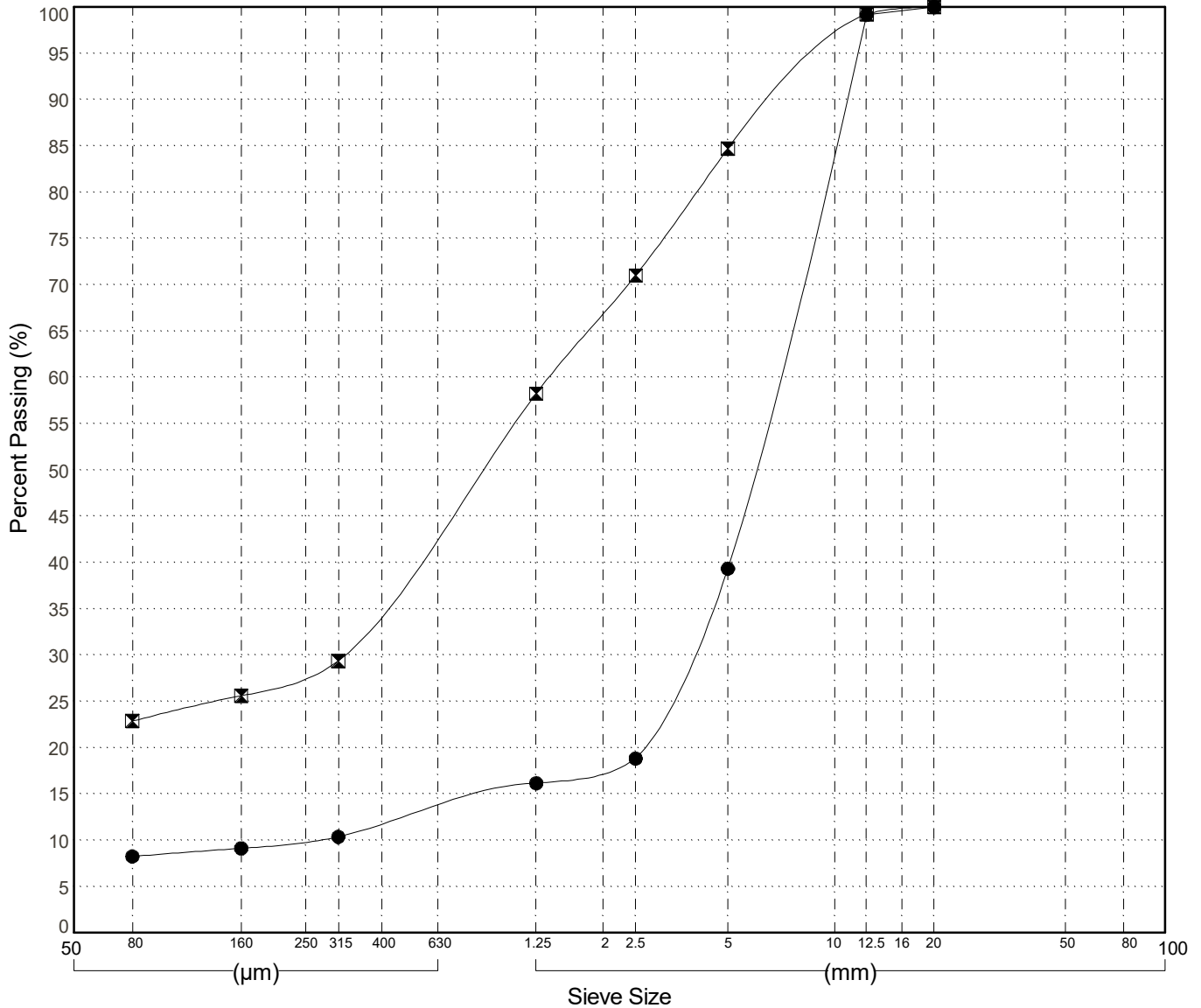


GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6607
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630760m E7278531m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu										
● 022	807	2.4 to 3.0	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	6.7	NP	NP	NP	7.4	25.9										
☒ 023	808	3.7 to 4.0	SILTY SAND with GRAVEL(SM)	13.5	NP	NP	NP												
Field#	Lab#							% Breakdown											
								Gravel	Sand	Silt	Clay								
● 022	807	% PASSING	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	60.7	31.1	8.3
☒ 023	808	% PASSING	100.0	100.0	100.0	100.0	100.0	99.2	95.9	84.7	71.0	58.2	43.9	29.4	25.6	22.9	15.3	61.8	22.9

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

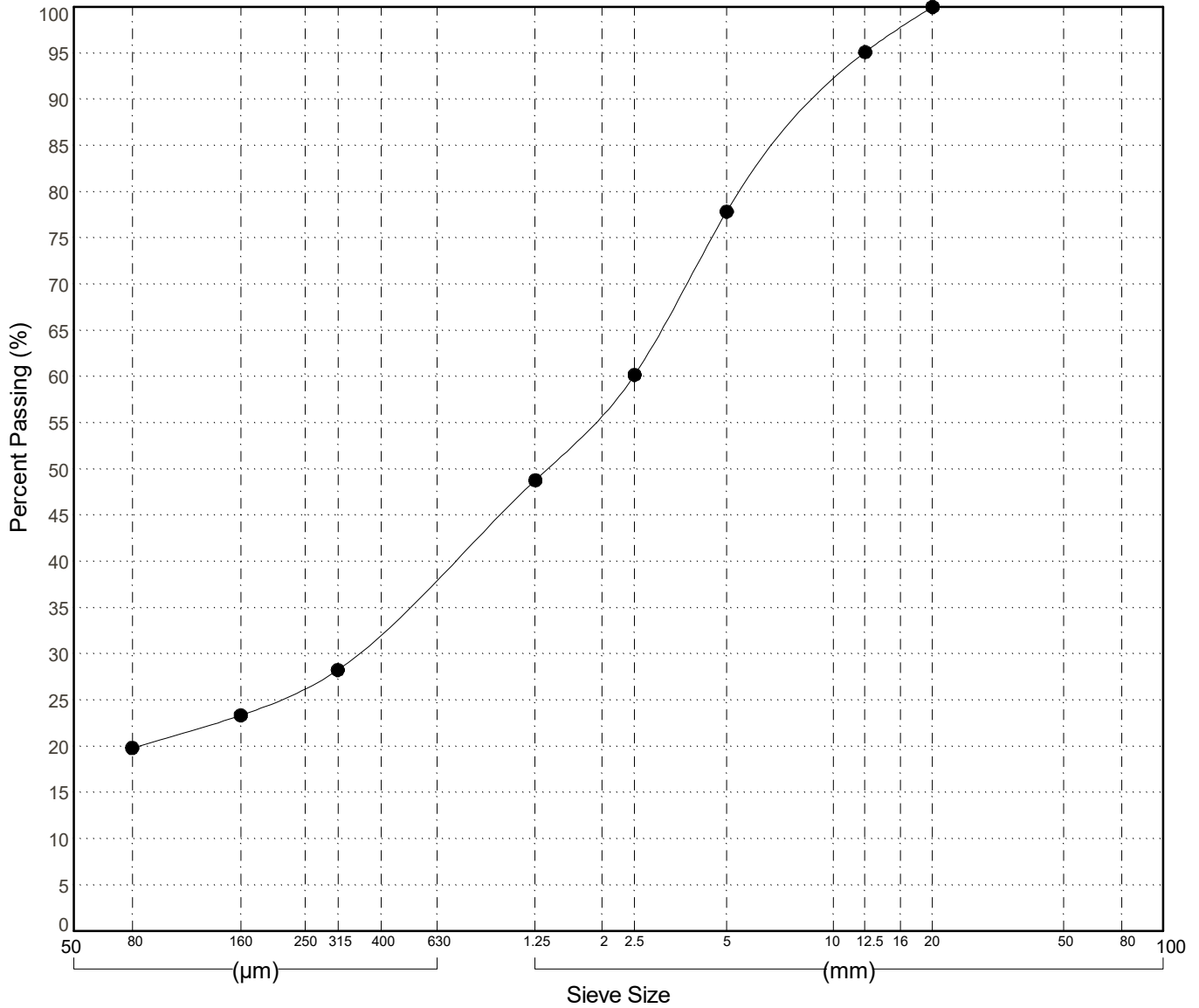


GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6608
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630448m E7277561m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification													%H2O	LL	PL	PI	Cc	Cu
● 021	806	3.0 to 4.0	SILTY SAND with GRAVEL(SM)													7.3	NP	NP	NP		
Field#	Lab#		100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	%Breakdown				
● 021	806	% PASSING	100.0	100.0	100.0	100.0	100.0	95.1	91.1	77.9	60.2	48.8	38.6	28.3	23.4	19.8	Gravel	Sand	Silt	Clay	
																	22.1	58.0	19.8		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

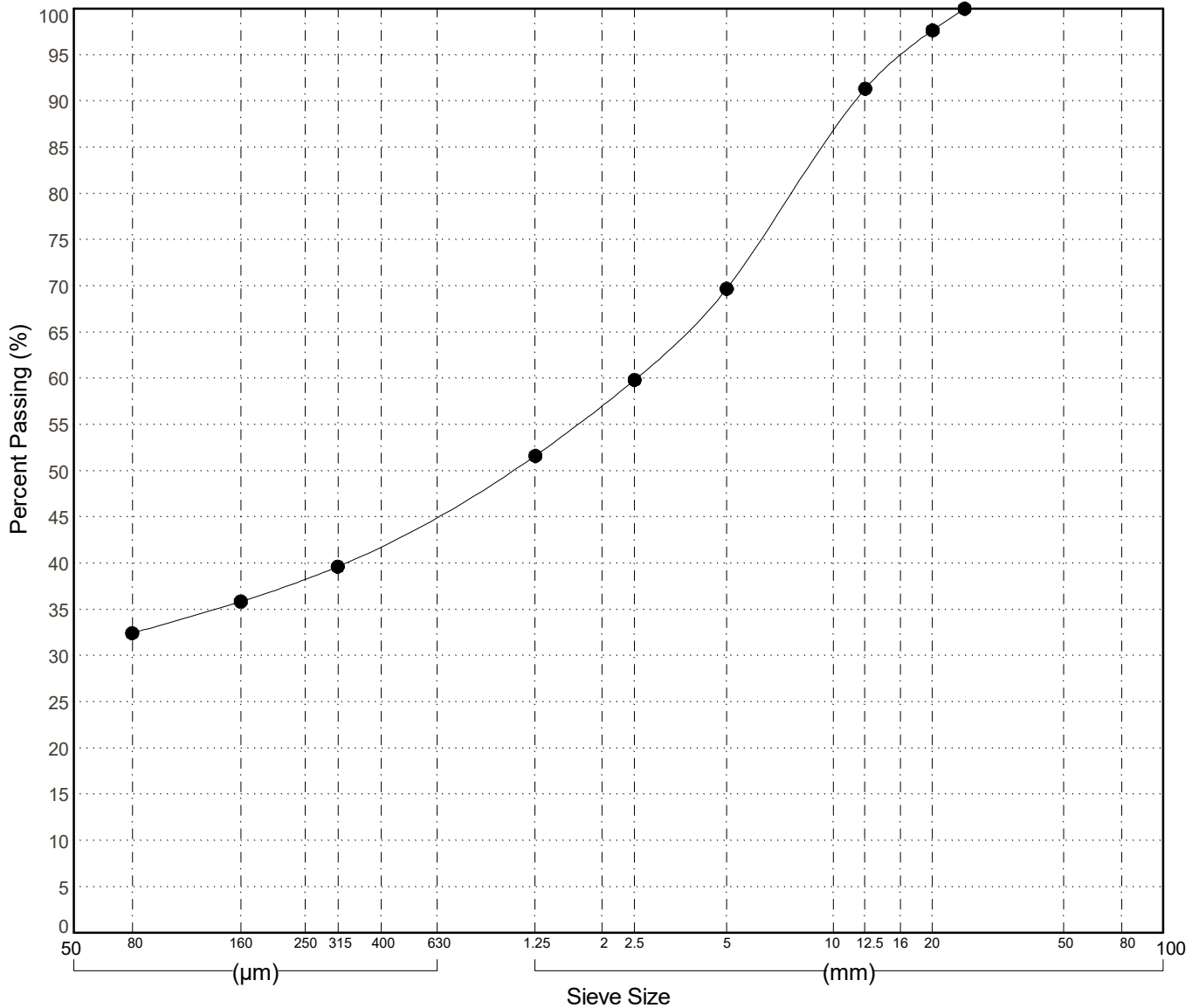


GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6609
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630345m E7277519m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification	%H ₂ O	LL	PL	PI	C _c	C _u										
● 024	809	1.3 to 2.0	SILTY SAND with GRAVEL(SM)	18.2	NP	NP	NP												
Field#	Lab#	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	%Breakdown			
● 024	809	100.0	100.0	100.0	100.0	97.6	91.3	86.3	69.7	59.8	51.6	45.7	39.6	35.9	32.4	Gravel	Sand	Silt	Clay
																30.3	37.3	32.4	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

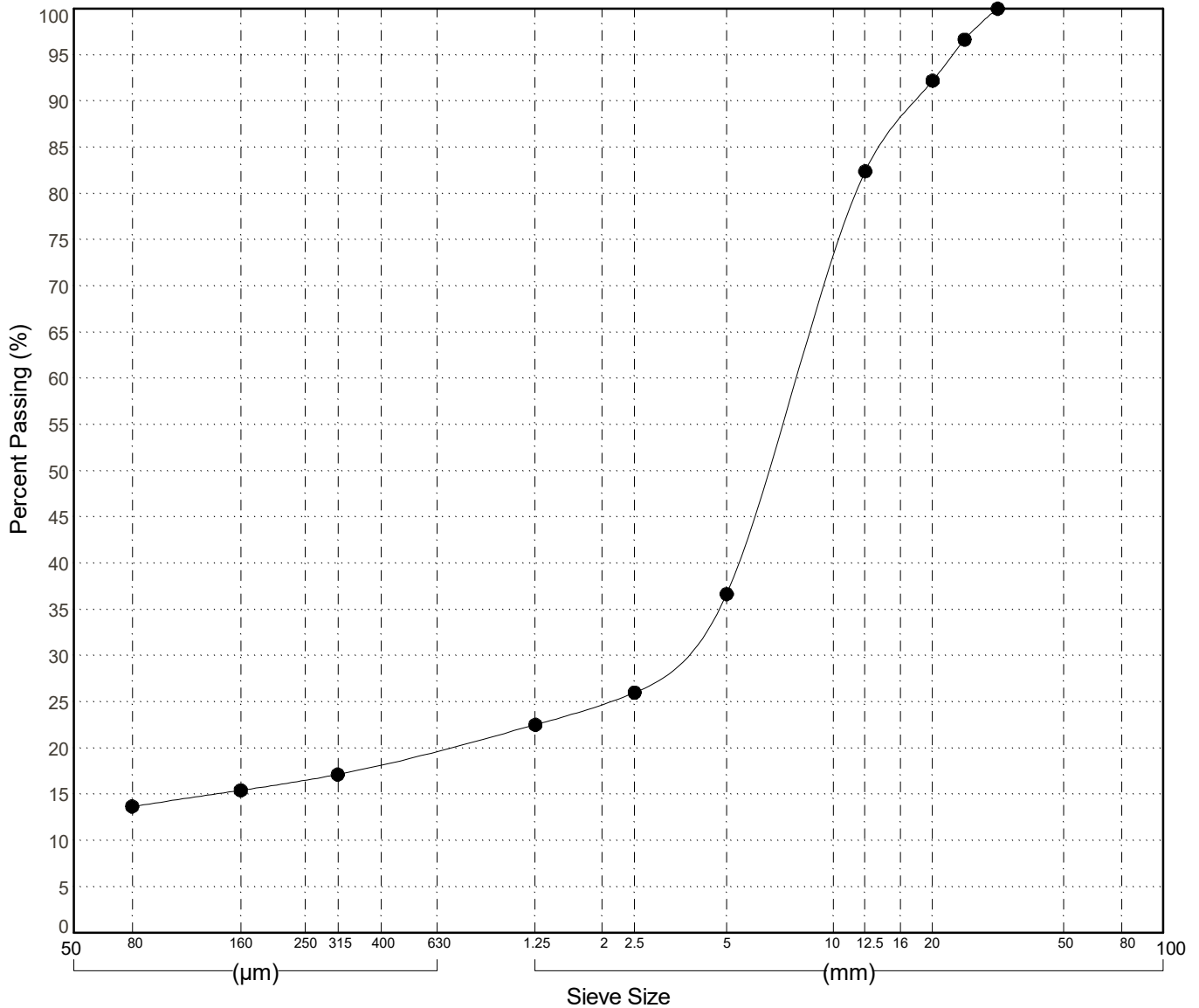


GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6610
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630647m E7277785m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification													%H ₂ O	LL	PL	PI	C _c	C _u
● 025	810	0.0 to 0.5	SILTY GRAVEL with SAND(GM)													4.7	NP	NP	NP		
Field#	Lab#		100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	% Breakdown				
● 025	810	% PASSING	100.0	100.0	100.0	96.6	92.2	82.4	71.9	36.7	26.0	22.5	19.8	17.1	15.4	13.7	Gravel	Sand	Silt	Clay	
																	63.3	23.0	13.7		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

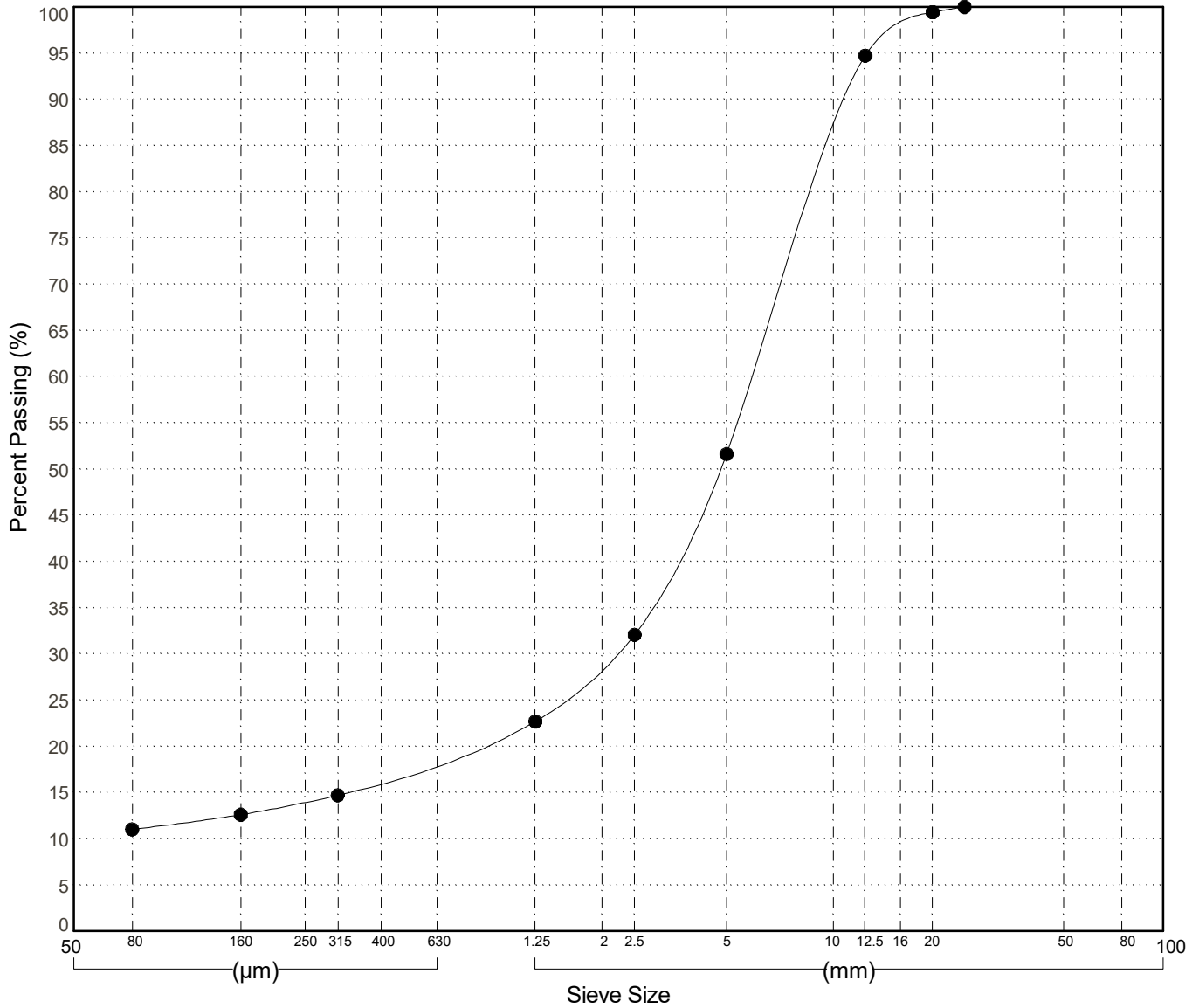


GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6611
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630716m E7277791m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu										
● 026	811	3.0 to 3.8	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	6.9	NP	NP	NP	17.4	124.2										
Field#	Lab#	100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	%Breakdown			
● 026	811	100.0	100.0	100.0	100.0	99.4	94.7	84.8	51.6	32.1	22.7	18.7	14.7	12.6	11.0	Gravel	Sand	Silt	Clay
		% PASSING														48.4	40.6	11.0	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



Highways and Public Works
Transportation Engineering Branch

LOGGED BY: D.Lorenzi
COMPILED BY: R.Stilwell
REVIEWED BY:

Pit #
Complete: 11/28/2016 1:55:00 PM

GRAIN SIZE ANALYSIS	Dempster Highway Small Rig	SOURCE/TP#: 905-6612
Ken Roberts	km 228	PROJECT NO: 552-202105
4" Solid Stem	Coordinates: Z07N N630704m E7277867m	ELEVATION: m

Master Revised July 2013

Field#	Lab#	Depth	Classification													%H2O	LL	PL	PI	Cc	Cu
● 027	812	2.6 to 3.0	SILTY SAND(SM)													12.3	NP	NP	NP		
Field#	Lab#		100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	%Breakdown				
● 027	812	% PASSING	100.0	100.0	100.0	100.0	100.0	97.6	94.8	85.8	72.2	59.4	49.3	39.2	33.4	28.1	Gravel	Sand	Silt	Clay	
																	14.2	57.6	28.1		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

