

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4778						
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4						
Komatsu 300PC		Coordinates: Z N7103703.5m E592260.2m		ELEVATION: 313.5m						
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		★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■		Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	0      20      40      60      80      100		0      20      40      60      80      100							
313					001				ORGANIC SILT -Black, frozen, very hard -Organic odour -Very hard digging	1
312					002				-Ice seams	2
311										3
310										4
309										5
308									END of HOLE -Refusal	
					LOGGED BY: R.Stilwell		Termination Depth: 3.6m			
					COMPILED BY: R.Stilwell		Complete: 11/6/2013 11:10:00 AM			
					REVIEWED BY: M. Idrees		Pit #: 116-B-35A		Page 1 of 1	

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4779				
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4				
Komatsu 300PC		Coordinates: Z N7103800.6m E592321.2m		ELEVATION: 306.4m				
SAMPLE TYPE		UNDISTURBED	DCPT	AUGER	BULK	SPT	CORE	
ELEV. (m)	★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■		Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	PLASTIC      M.C.      LIQUID 0      20      40      60      80      100							
306							ORGANICS -Dark grey, firm -Odd cobble	1
305								
304							WELL-GRADED GRAVEL with SILT and SAND -Dark brown, dense, humid -5% Cobbles	2
304		★ ◆ ■		003				
303		★ ◆ ■		004			-Odd boulder	3
302								4
301		★ ◆ ■		005			POORLY GRADED GRAVEL with SILT and SAND	5
							END of HOLE	

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4780					
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4					
Komatsu 300PC		Coordinates: Z N7103831.5m E592396.8m		ELEVATION: 308.1m					
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 ★ ◆ Percent Sand ◆ ■ Percent Gravel ■		Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
308								ORGANICS -Brown-black, firm, frozen	
307					006			POORLY GRADED GRAVEL with SILT -Dark brown, icy, very dense -Odd cobble	1
306								WELL-GRADED GRAVEL with SILT and SAND -No ice crystals -15% Cobbles	2
305					007 008			-30% Cobbles	3
304								END of HOLE -Refusal	4
303									5

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4781						
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4						
Komatsu 300PC		Coordinates: Z N7103876.3m E592456.7m		ELEVATION: 308.9m						
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 Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	0      20      40      60      80      100		0      20      40      60      80      100							
308									ORGANICS -Black	
									SILT -Brown	
308									POORLY GRADED GRAVEL with SILT -Dark brown, damp, loose -15-20% Cobbles	1
307										2
306										3
305									WELL-GRADED GRAVEL with SILT and SAND	4
305									-Hard, free water -20-25% Cobbles, some boulders	
304									END of HOLE	5
									LOGGED BY: R.Stilwell	Termination Depth: 4.8m
									COMPILED BY: R.Stilwell	Complete: 11/6/2013 1:05:00 PM
									REVIEWED BY: M. Idrees	Pit #: 116-B-35A      Page 1 of 1



SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4783									
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4									
Komatsu 300PC		Coordinates: Z N7103975.7m E592497.4m		ELEVATION: 303.3m									
SAMPLE TYPE		UNDISTURBED		DCPT		AUGER		BULK		SPT		CORE	
ELEV. (m)	PLASTIC M.C. LIQUID		★ Percent Fines ★		Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION		Depth (m)		
	0 20 40 60 80 100		◆ Percent Sand ◆									■ Percent Gravel ■	
303									ORGANIC SILT -Reddish brown, compact				
302						014			WELL-GRADED GRAVEL with SILT and SAND -Dark brown, damp, loose -20-25% Cobbles		1		
301						015			POORLY GRADED GRAVEL with SILT and SAND -15-20 % Cobbles, odd boulder		2		
300						016			-5% boulders, 30cm		3		
299									-10% Boulders				
298									END of HOLE -Sloughing		4		
											5		

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4784				
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4				
Komatsu 300PC		Coordinates: Z N7104013.1m E592460.4m		ELEVATION: 309.5m				
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 Type	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							
309							ORGANICS -Black  -Frozen	1
308	>> ●			017			PEAT -Wood fragments, organic odour -Very hard digging	
307							END of HOLE -Refusal	2
306								3
305								4
304								5
					LOGGED BY: R.Stilwell COMPILED BY: R.Stilwell REVIEWED BY: M. Idrees		Termination Depth: 1.8m Complete: 11/6/2013 2:45:00 PM Pit #: 116-B-35A	

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4785				
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4				
Komatsu 300PC		Coordinates: Z N7103953.2m E592398.7m		ELEVATION: 312.7m				
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 Type	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							
312				018			ORGANICS -Black	1
311								
310							END of HOLE -Refusal	2
309								3
308								4
								5
		LOGGED BY: R.Stilwell COMPILED BY: R.Stilwell REVIEWED BY: M. Idrees		Termination Depth: 1.9m Complete: 11/6/2013 2:55:00 PM Pit #: 116-B-35A				

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4786									
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4									
Komatsu 300PC		Coordinates: Z N7103891.3m E592337.6m		ELEVATION: 308.1m									
SAMPLE TYPE		UNDISTURBED		DCPT		AUGER		BULK		SPT		CORE	
ELEV. (m)	PLASTIC M.C. LIQUID		★ Percent Fines ★		Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION		Depth (m)		
	0	20	40	60								80	100
308									ORGANICS				
									SANDY SILT -Brown		1		
307									WELL-GRADED GRAVEL with SILT and SAND -Brown, damp, loose -20-25% Cobbles, odd boulder		2		
306									SILTY GRAVEL with SAND -10% Boulders, 30cm		3		
305									POORLY GRADED GRAVEL with SILT and SAND -20% Boulders 30cm, 30% cobbles		4		
304									END of HOLE		5		
303													

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4787					
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4					
Komatsu 300PC		Coordinates: Z N7103839.2m E592269.5m		ELEVATION: 303.9m					
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	★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■		Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
		0      20      40      60      80      100							
303								-Grubbing material from previous development	1
302								PEAT -Original ground -Organic odour, black, wet -Odd boulder/cobble	2
301					022				3
300								POORLY GRADED GRAVEL with SILT and SAND -Dark grey, free water, dense -10% Cobbles	4
299	●	★ ◆ ■			023				5
								END of HOLE	



SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4789				
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4				
Komatsu 300PC		Coordinates: Z N7104088.8m E592575.5m		ELEVATION: 334.6m				
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 Type	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							
334							ORGANIC -Black, frozen	
							SILTY SAND -Black, frozen, dense	1
333	●      ■      ★      ◆ (at 333m elevation)			026				
							END of HOLE -Refusal	2
332								3
331								4
330								5

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4790					
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4					
Komatsu 300PC		Coordinates: Z N7103990.4m E592621m		ELEVATION: 334.8m					
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 Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
334		★    ◆    ■		027				ORGANICS -Black SILT -Brown  POORLY GRADED GRAVEL with SILT and SAND -Brown, damp, loose -10-15% Cobbles	1
333									2
332		★    ◆    ■		028				SILTY SAND -Brown, moist, dense  -Frozen	3
331		★    ◆    ■		029				WELL-GRADED GRAVEL with SILT and SAND -Brown, hard -30-40% Cobbles	4
330								END of HOLE -Refusal	5



SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4792					
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4					
Komatsu 300PC		Coordinates: Z N7103767.1m E592370.3m		ELEVATION: 333.6m					
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 Type	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								
333							ORGANIC SILT -Black, odorous permafrost		
							-10% Ice	1	
332	● ◆ ■		★	032			-Black, very hard -30% Ice		
							END of HOLE -Refusal	2	
331								3	
330								4	
329								5	
						LOGGED BY: R.Stilwell COMPILED BY: R.Stilwell REVIEWED BY: M. Idrees		Termination Depth: 1.9m Complete: 11/7/2013 1:10:00 PM Pit #: 116-B-35A	
								Page 1 of 1	

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4793				
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4				
Komatsu 300PC		Coordinates: Z N7103837.5m E592492.8m		ELEVATION: 344.5m				
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 Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	PLASTIC      M.C.      LIQUID 0      20      40      60      80      100							
344							ORGANICS -Black	
							SILT -Brown, frozen	
							SILTY GRAVEL with SAND -Dark brown, hard, frozen -10% Cobbles	1
343								
							WELL-GRADED GRAVEL with SILT and SAND -Very dense -20-25% Cobbles, odd boulder less than 30cm	2
342							END of HOLE -Refusal	
								3
341								
								4
340								
								5
339								

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4794					
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4					
Komatsu 300PC		Coordinates: Z N7103887m E592572.6m		ELEVATION: 344.9m					
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 ★ ◆ Percent Sand ◆ ■ Percent Gravel ■		Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
		0      20      40      60      80      100							
344					034			ORGANICS -Black	
								SILT -Brown, frozen	
								SILTY GRAVEL with SAND -Brown, very dense, frozen -15-20% Cobbles	1
343									2
								WELL-GRADED GRAVEL with SILT and SAND	
								END of HOLE -Refusal	3
342									4
341									5
340									

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4795									
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4									
Komatsu 300PC		Coordinates: Z N7104026m E592651.2m		ELEVATION: 347.5m									
SAMPLE TYPE		UNDISTURBED		DCPT		AUGER		BULK		SPT		CORE	
ELEV. (m)	PLASTIC M.C. LIQUID		★ Percent Fines ★		Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION		Depth (m)		
	0 20 40 60 80 100		◆ Percent Sand ◆									■ Percent Gravel ■	
347									SANDY ORGANIC SILT -Black				
									-Frozen, woody debris				
									-Black, ice veined, hard		1		
346						036							
									SILTY GRAVEL with SAND -Brown, very dense, frozen -10% Cobbles		2		
						037			END of HOLE -Refusal				
345													
											3		
344													
											4		
343													
											5		
342													

SUBSURFACE EXPLORATION AND TEST REPORT		Klondike Highway		SOURCE/TP#: 829-4796				
Bonanza Sales		Dawson City Aerodrome South Pit, km 696.8 LHS		PROJECT NO: 552 202312 12 0634-4				
Komatsu 300PC		Coordinates: Z N7103985.7m E592712.8m		ELEVATION: 350.2m				
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 ★ ◆ Percent Sand ◆ ■ Percent Gravel ■		Sample Type	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							
350							ORGANIC -Black	
							-Frozen	
							SILT -Brown, dense	1
349								
							SILTY SAND with GRAVEL -Brown, very dense, frozen -Odd cobble	2
348				038			END of HOLE -Refusal	
								3
347								
								4
346								
								5
345								
						LOGGED BY: R.Stilwell      Termination Depth: 2.2m COMPILED BY: R.Stilwell      Complete: 11/7/2013 3:45:00 PM REVIEWED BY: M. Idrees      Pit #: 116-B-35A      Page 1 of 1		

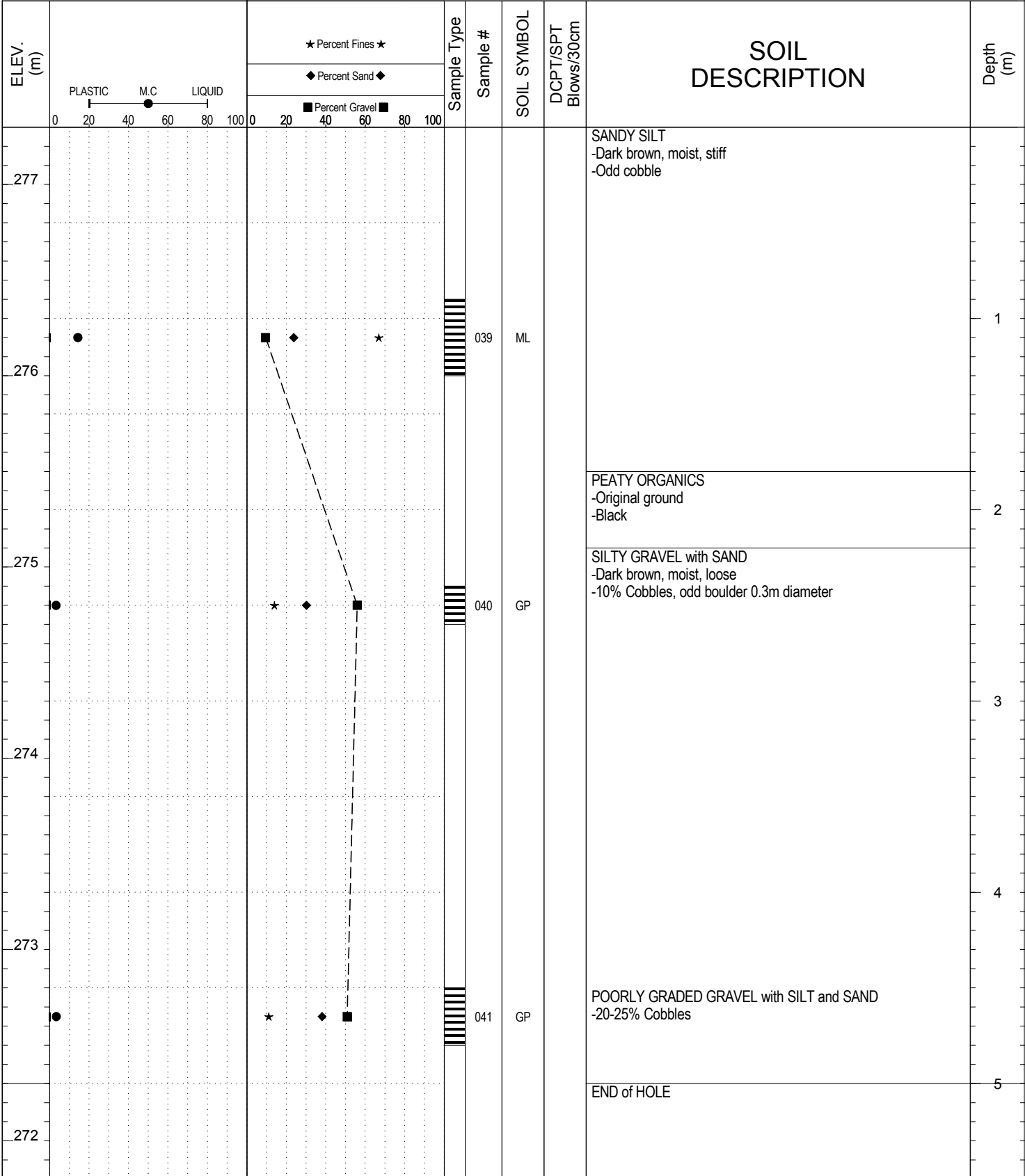
SUBSURFACE EXPLORATION AND TEST REPORT Klondike Highway SOURCE/TP#: 830-4766

Bonanza Sales Dawson City Aerodrome New Road Extension, km 696.8 PROJECT NO: 552 202312 12 0634-4

Komatsu 300PC Coordinates: Z N7102351.41514717m E590659.9565373 ELEVATION: 238.6m

SAMPLE TYPE  UNDISTURBED  DCPT  AUGER  BULK  SPT  CORE

ELEV. (m)	★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■		Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	PLASTIC	LIQUID						
238							ORGANICS -Brown, stripping from previous development	1
237							-Frozen -Hard	1
237				046	PT		-ORGANIC SILT with SAND -Original ground -Woody debris, Hard	2
236							END of HOLE -Refusal	3
235								4
234								5



SUBSURFACE EXPLORATION AND TEST REPORT Klondike Highway SOURCE/TP#: 830-4775

Bonanza Sales Dawson City Aerodrome New Road Extension, km 696.8 PROJECT NO: 552 202312 12 0634-4

Komatsu 300PC Coordinates: Z N7102698.28798085m E591229.0041464 ELEVATION: 278.3m

SAMPLE TYPE  UNDISTURBED  DCPT  AUGER  BULK  SPT  CORE

ELEV. (m)	★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■			Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	PLASTIC	M.C	LIQUID						
278								PEAT/PERMAFROST	
					042	PT		-Frozen, organic odour	1
277								-10-15% Ice	
					043	SP		SILTY GRAVEL with SAND -Cobbles, uncertain% -Very dense, digging causing fragmentation END of HOLE -Refusal	2
276									
275									3
274									4
273									5

SUBSURFACE EXPLORATION AND TEST REPORT Klondike Highway SOURCE/TP#: 830-4776

Bonanza Sales Dawson City Aerodrome New Road Extension, km 696.8 PROJECT NO: 552 202312 12 0634-4

Komatsu 300PC Coordinates: Z N7102565.69360634m E591071.9568496 ELEVATION: 276.5m

SAMPLE TYPE  UNDISTURBED  DCPT  AUGER  BULK  SPT  CORE

ELEV. (m)	PLASTICITY INDEX		PERCENT FINES		Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	PL	LI	★	◆						
276									ORGANIC SILT -Black	
275									-Frozen	1
274.5			◆	★		044	PT		-Very stiff -Ice crystals, organics odour	2
274									END of HOLE -Refusal	
273										3
272										4
271										5

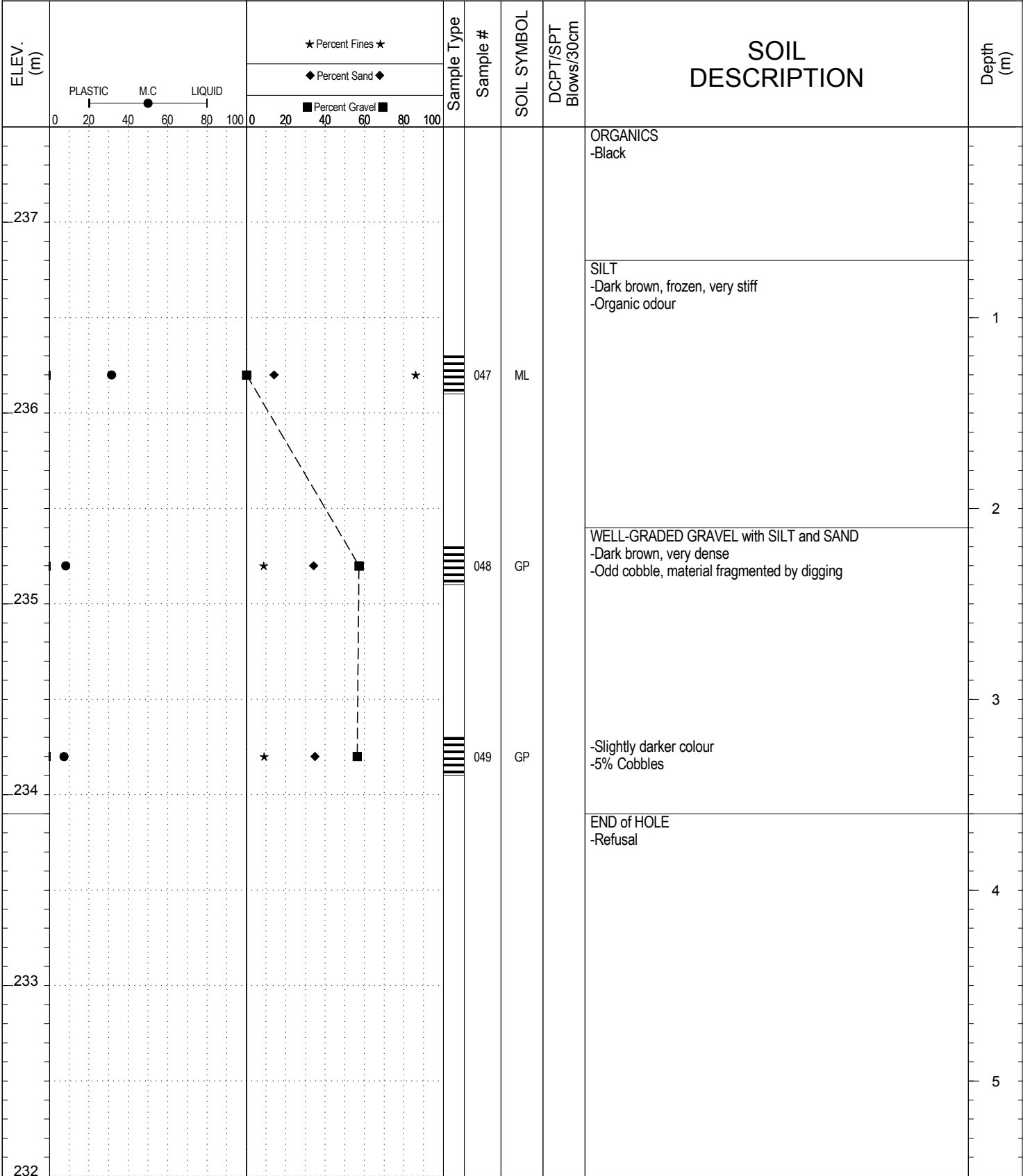
SUBSURFACE EXPLORATION AND TEST REPORT Klondike Highway SOURCE/TP#: 830-4777

Bonanza Sales Dawson City Aerodrome New Road Extension, km 696.8 PROJECT NO: 552 202312 12 0634-4

Komatsu 300PC Coordinates: Z N7102458.77768381m E590896.7471315 ELEVATION: 238.6m

SAMPLE TYPE  UNDISTURBED  DCPT  AUGER  BULK  SPT  CORE

ELEV. (m)	★ Percent Fines ★ ◆ Percent Sand ◆ ■ Percent Gravel ■		Sample Type	Sample #	SOIL SYMBOL	DCPT/SPT Blows/30cm	SOIL DESCRIPTION	Depth (m)
	PLASTIC	LIQUID						
238							ORGANICS -Black	
							-Frozen -Hard	1
237							-10% Ice crystals	
							-Organic odour	2
236				045	PT		-30% Ice	
							END of HOLE -Refusal	3
235								4
234								5

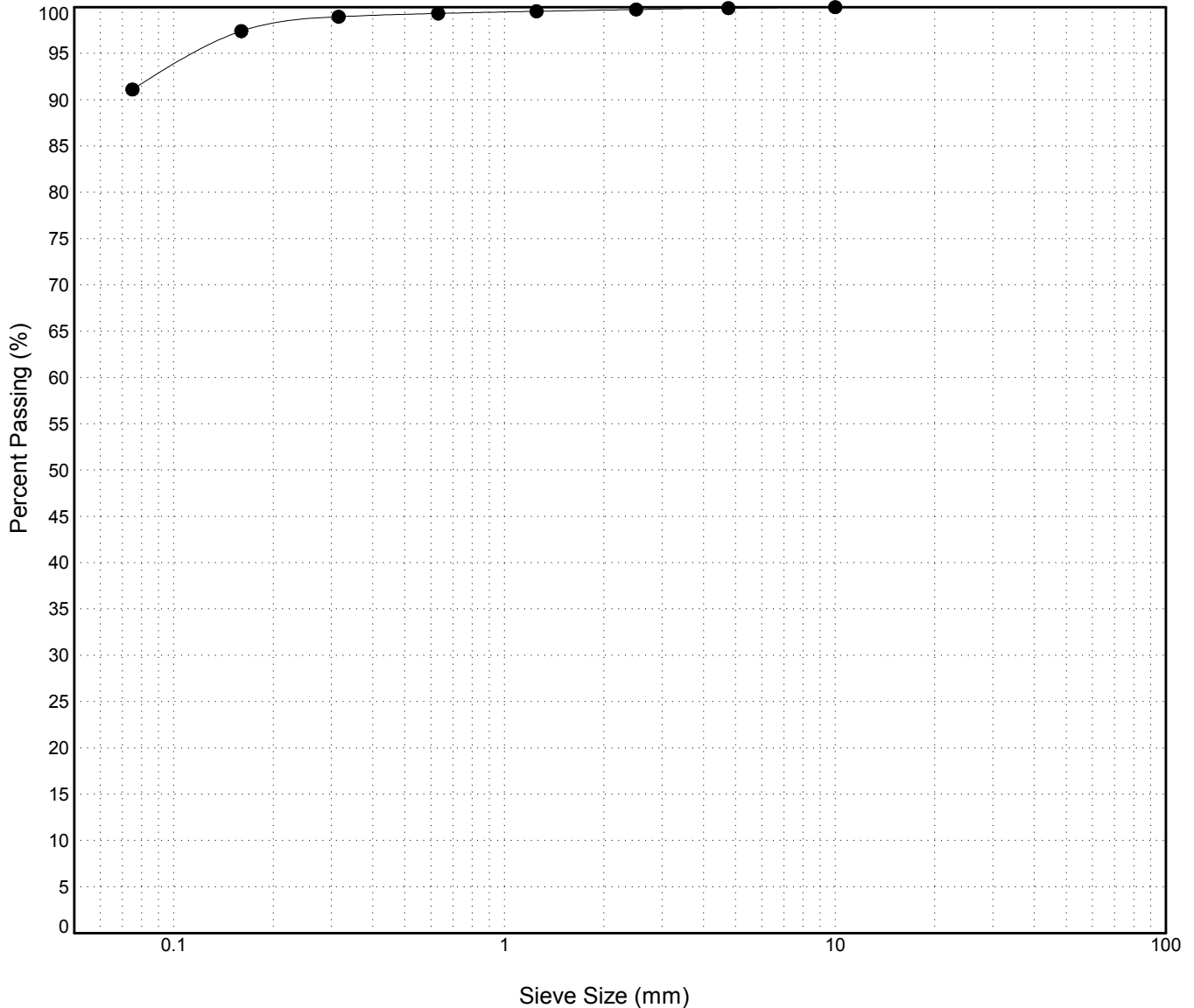


GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4778
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7103703.5m E592260.2m	ELEVATION: 313.5m

Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu										
● 002	1534	1.8 to 1.9	ORGANIC SILT(OL)	94.6	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			
● 002	1534	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.7	99.6	99.3	99.0	97.4	91.1	Gravel	Sand	Silt	Clay
																0.1	8.8	91.1	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4779
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7103800.6m E592321.2m	ELEVATION: 306.4m

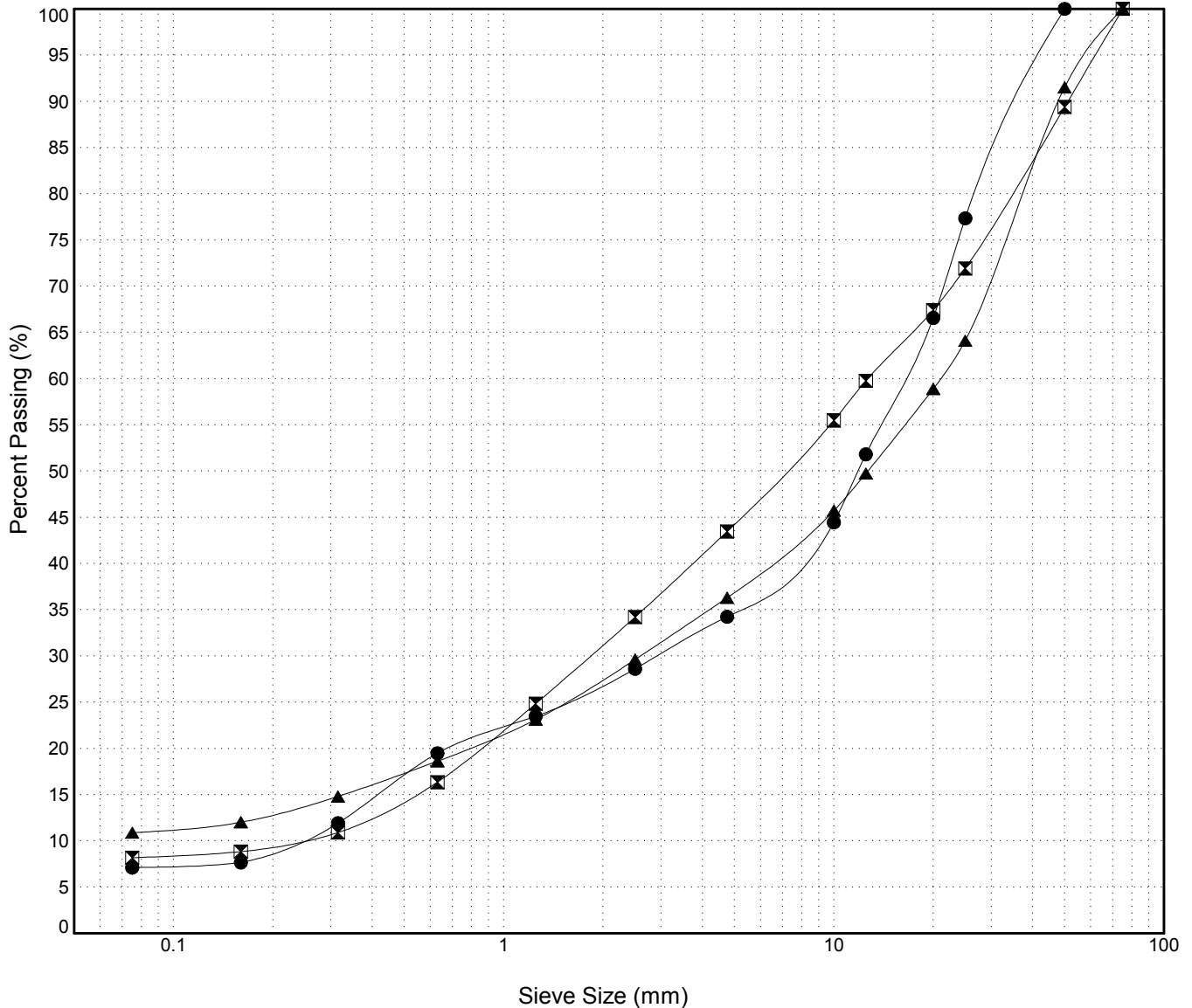
Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu
● 003	1535	2.2 to 2.4	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	2.5	NP	NP	NP	2.3	69.9
☒ 004	1536	3.4 to 3.6	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	1.5	NP	NP	NP	1.1	54.1
▲ 005	1537	4.8 to 5.0	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	2.8	NP	NP	NP	7.8	507.2

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
● 003	1535	100.0	100.0	100.0	100.0	77.3	66.6	51.8	44.5	34.2	28.6	23.5	19.5	11.9	7.7	7.1	65.8	27.1	7.1
☒ 004	1536	100.0	100.0	89.4	71.9	67.4	59.8	55.5	43.5	34.2	24.8	16.3	10.9	8.8	8.2	56.5	35.3	8.2	
▲ 005	1537	100.0	100.0	91.5	64.1	58.9	49.7	45.7	36.3	29.6	23.1	18.6	14.8	12.0	10.9	63.7	25.4	10.9	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4780
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7103831.5m E592396.8m	ELEVATION: 308.1m

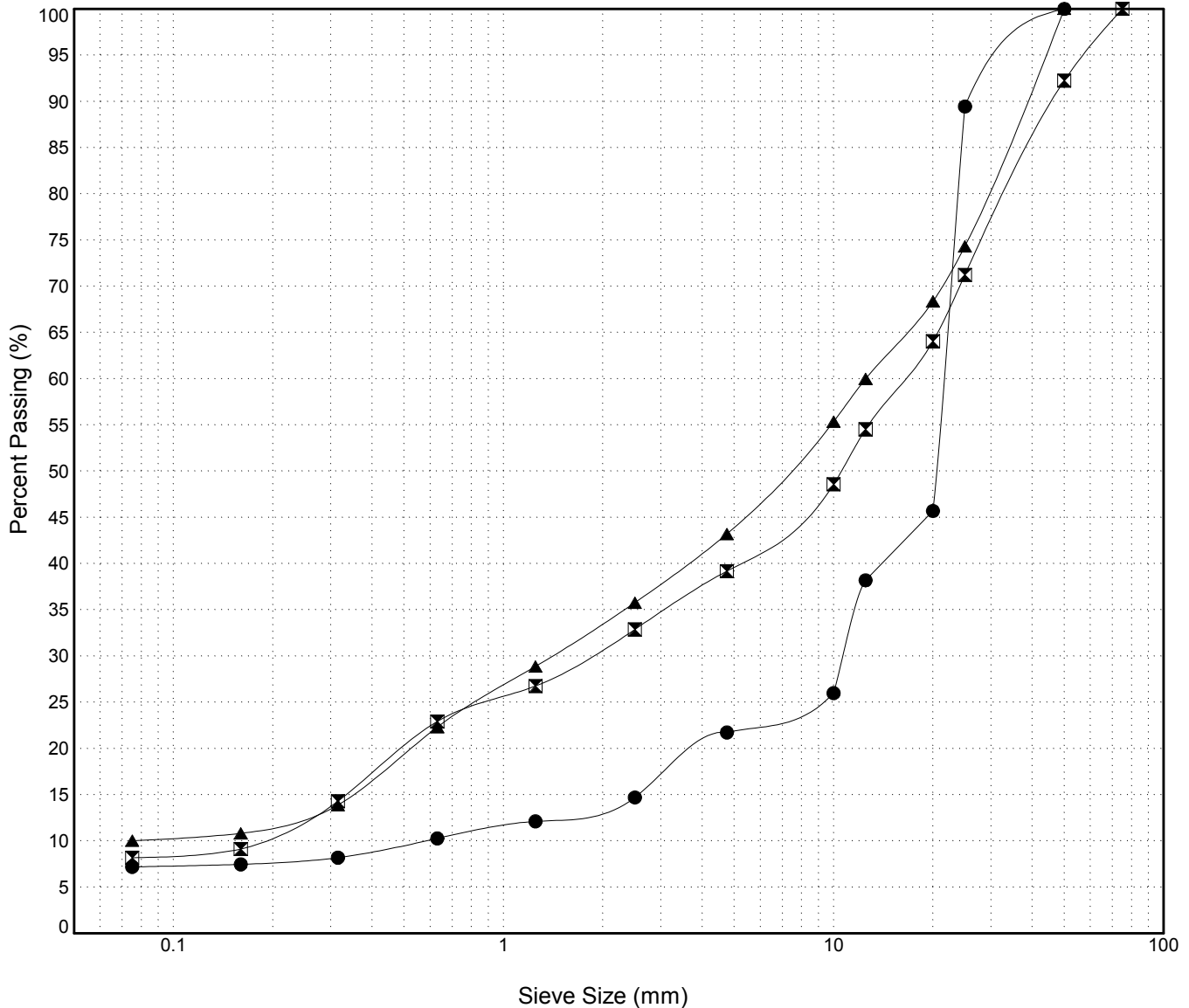
Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu
● 006	1538	1.2 to 1.4	POORLY GRADED GRAVEL with SILT(GP-GM)	6.7	NP	NP	NP	9.3	37.3
☒	1539	1.9 to 2.1	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	7.2	NP	NP	NP	1.1	91.1
▲ 008	1540	3.0 to 3.2	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	7.0	NP	NP	NP	2.1	170.0

Field #	Lab #	% PASSING	Sieve Size (mm)													% 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
● 006	1538	100.0	100.0	100.0	89.4	45.7	38.2	26.0	21.7	14.7	12.1	10.3	8.2	7.5	7.2	78.3	14.5	7.2	
☒	1539	100.0	100.0	92.2	71.2	64.0	54.5	48.6	39.2	32.9	26.7	22.9	14.3	9.1	8.2	60.8	31.0	8.2	
▲ 008	1540	100.0	100.0	100.0	74.3	68.4	60.0	55.3	43.2	35.8	28.9	22.3	13.9	10.8	10.0	56.8	33.2	10.0	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4781
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7103876.3m E592456.7m	ELEVATION: 308.9m

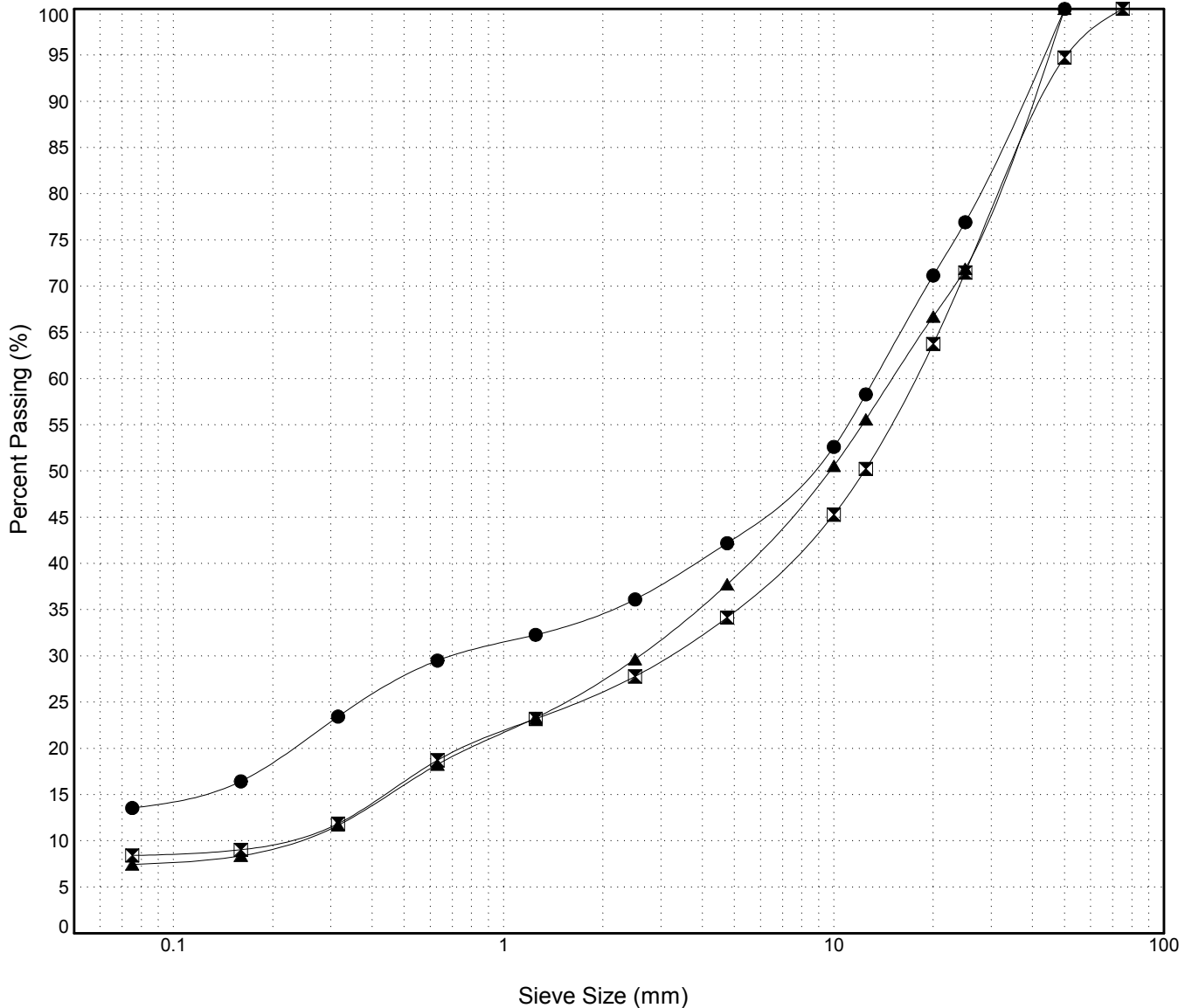
Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu
● 009	1541	1.1 to 1.3	SILTY GRAVEL with SAND(GM)	3.6	NP	NP	NP		
☒ 010	1542	3.5 to 3.7	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	1.9	NP	NP	NP	2.8	87.0
▲ 011	1543	4.5 to 4.7	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	7.3	NP	NP	NP	2.0	67.4

Field #	Lab #	% PASSING	Sieve Size (mm)													% 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
● 009	1541	100.0	100.0	100.0	100.0	76.9	71.2	58.3	52.6	42.2	36.1	32.3	29.5	23.4	16.4	13.6	57.8	28.6	13.6	
☒ 010	1542	100.0	100.0	94.7	71.5	63.8	50.2	45.3	34.2	27.8	23.2	18.7	11.9	9.0	8.4	8.4	65.8	25.7	8.4	
▲ 011	1543	100.0	100.0	100.0	71.9	66.7	55.6	50.6	37.7	29.7	23.3	18.3	11.7	8.4	7.4	7.4	62.3	30.3	7.4	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

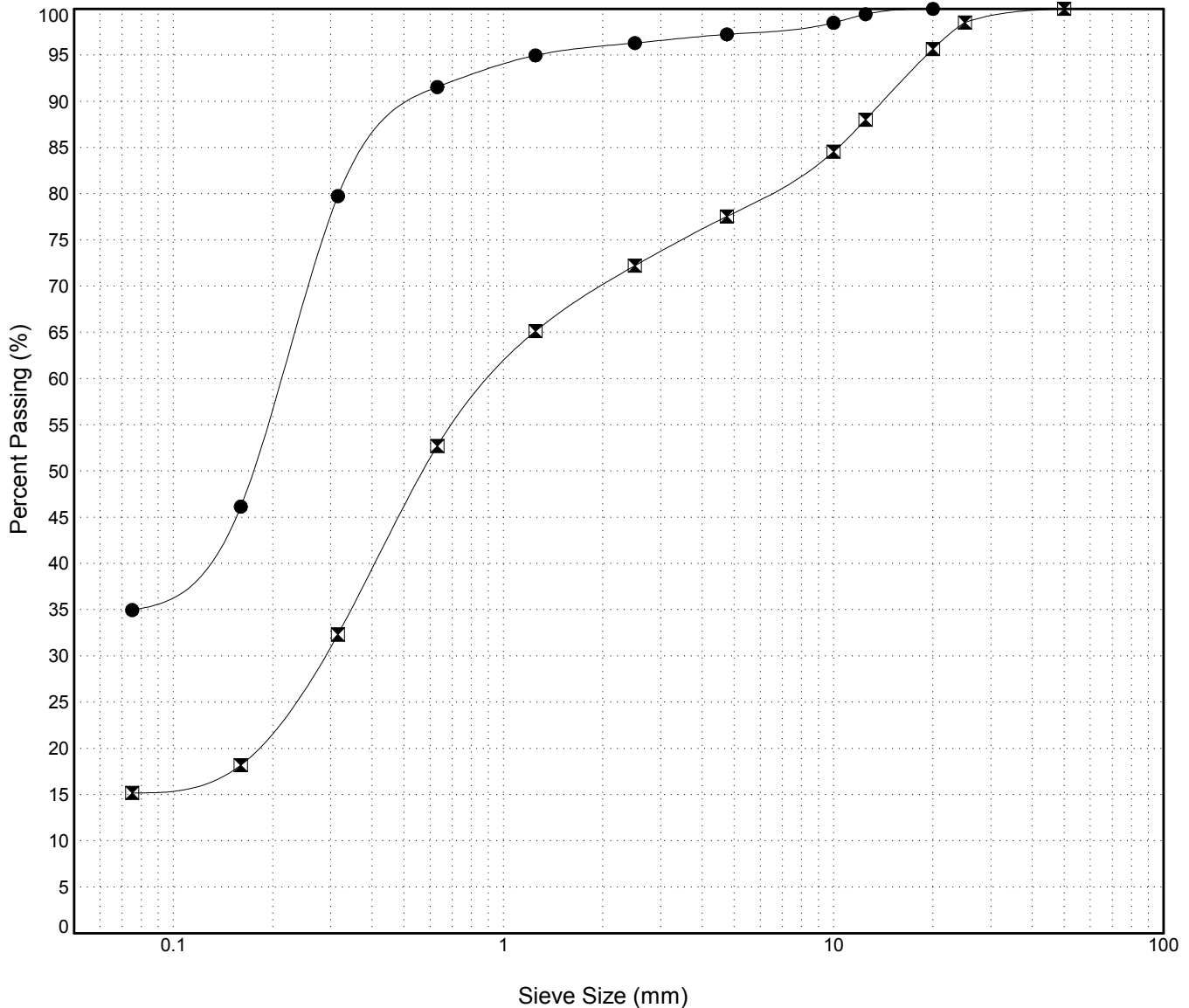


GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4782
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7103932.1m E592534.5m	ELEVATION: 309.3m

Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu											
● 012	1544	1.0 to 1.2	SILTY SAND(SM)	30.8	NP	NP	NP													
☒ 013	1545	1.5 to 1.7	SILTY SAND with GRAVEL(SM)	16.2	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				
● 012	1544	100.0	100.0	100.0	100.0	100.0	99.4	98.5	97.2	96.3	95.0	91.5	79.8	46.2	35.0	Gravel	Sand	Silt	Clay	
☒ 013	1545	100.0	100.0	100.0	98.5	95.7	88.0	84.5	77.5	72.2	65.1	52.7	32.3	18.2	15.2	22.5	62.3	35.0	15.2	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4783
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7103975.7m E592497.4m	ELEVATION: 303.3m

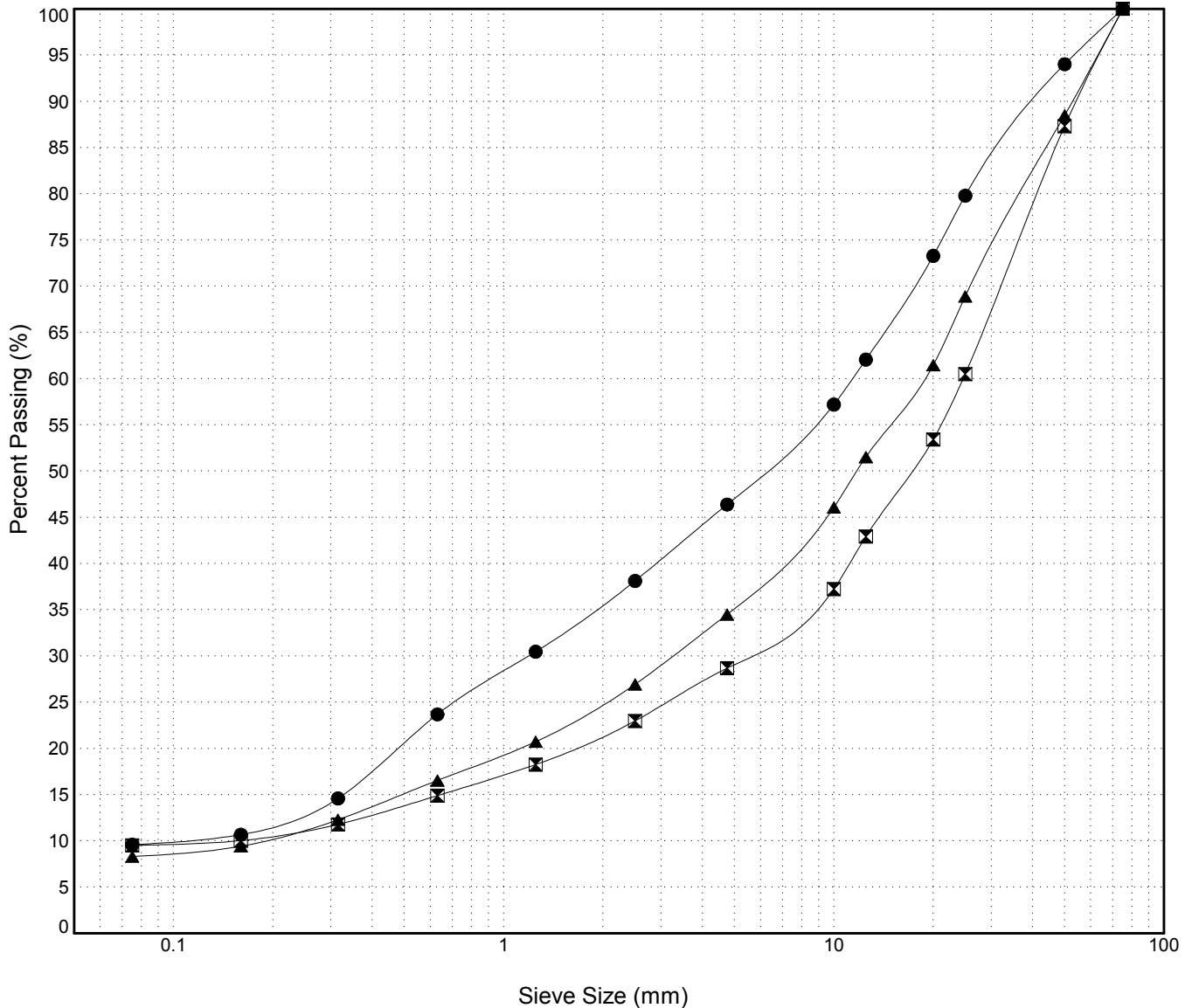
Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu
● 014	1546	1.0 to 1.2	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	2.0	NP	NP	NP	1.3	113.7
☒ 015	1547	2.3 to 2.5	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	1.5	NP	NP	NP	7.5	159.6
▲ 016	1548	3.3 to 3.5	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	4.6	NP	NP	NP	3.1	101.7

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
● 014	1546	100.0	100.0	100.0	94.0	79.8	73.3	62.1	57.2	46.4	38.1	30.5	23.7	14.6	10.7	9.6	53.6	36.8	9.6	
☒ 015	1547	100.0	100.0	87.3	60.5	53.4	42.9	37.2	28.7	23.0	18.3	14.9	11.8	10.0	9.5	71.3	19.2	9.5		
▲ 016	1548	100.0	100.0	88.5	68.9	61.5	51.5	46.1	34.5	26.9	20.7	16.5	12.3	9.4	8.3	65.5	26.2	8.3		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4786
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7103891.3m E592337.6m	ELEVATION: 308.1m

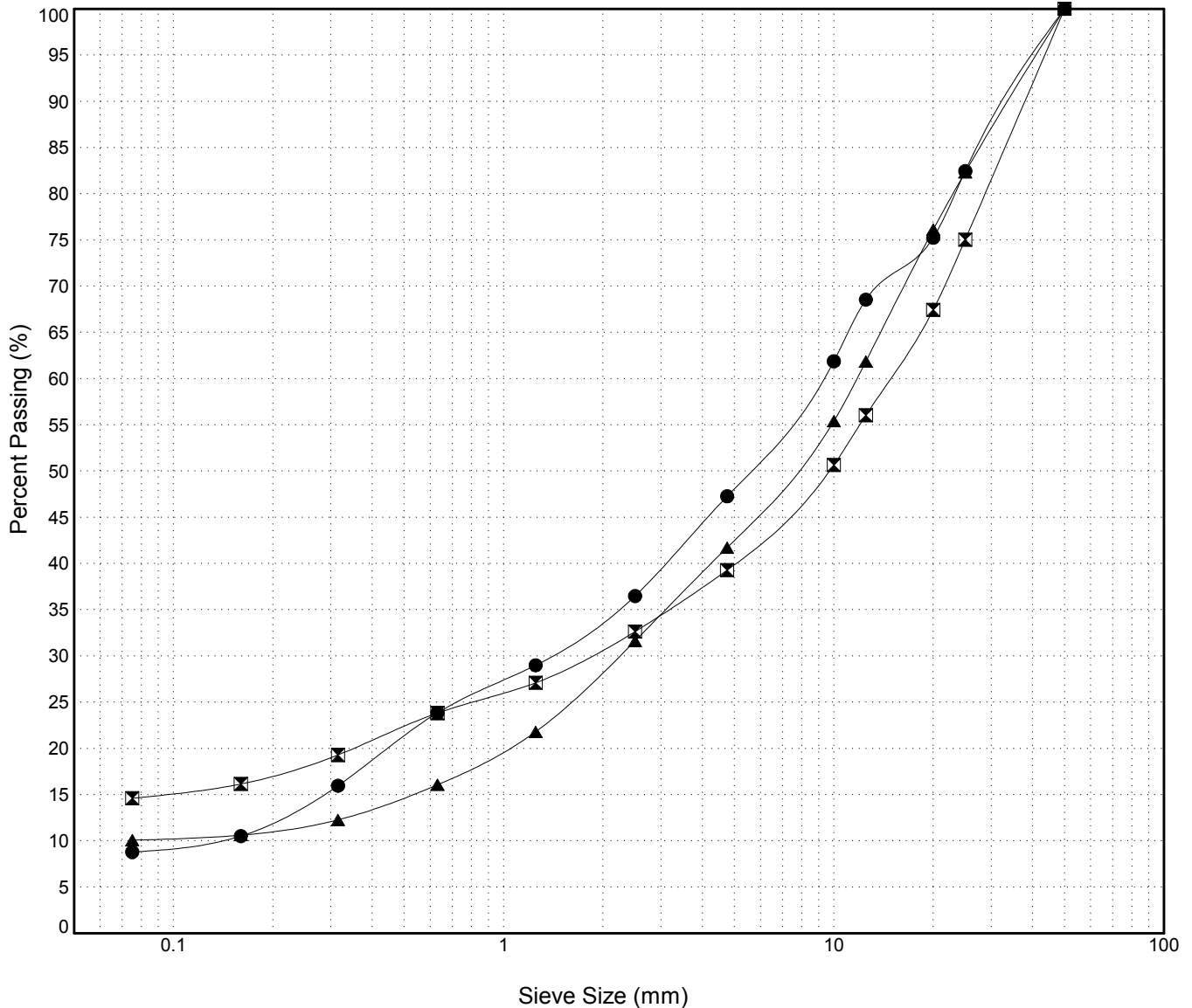
Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu
● 019	1551	1.4 to 1.6	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	2.8	NP	NP	NP	1.6	71.2
☒ 020	1552	2.5 to 2.7	SILTY GRAVEL with SAND(GM)	4.4	NP	NP	NP		
▲ 021	1553	3.2 to 3.6	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	6.3	NP	NP	NP	6.2	172.2

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
● 019	1551	100.0	100.0	100.0	100.0	82.5	75.2	68.5	61.9	47.3	36.5	29.0	23.8	16.0	10.5	8.8	52.7	38.5	8.8	
☒ 020	1552	100.0	100.0	100.0	75.0	67.4	56.0	50.7	39.3	32.6	27.1	23.8	19.3	16.2	14.6		60.7	24.7	14.6	
▲ 021	1553	100.0	100.0	100.0	82.3	76.1	61.9	55.4	41.7	31.6	21.8	16.1	12.3	10.6	10.1		58.3	31.7	10.1	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

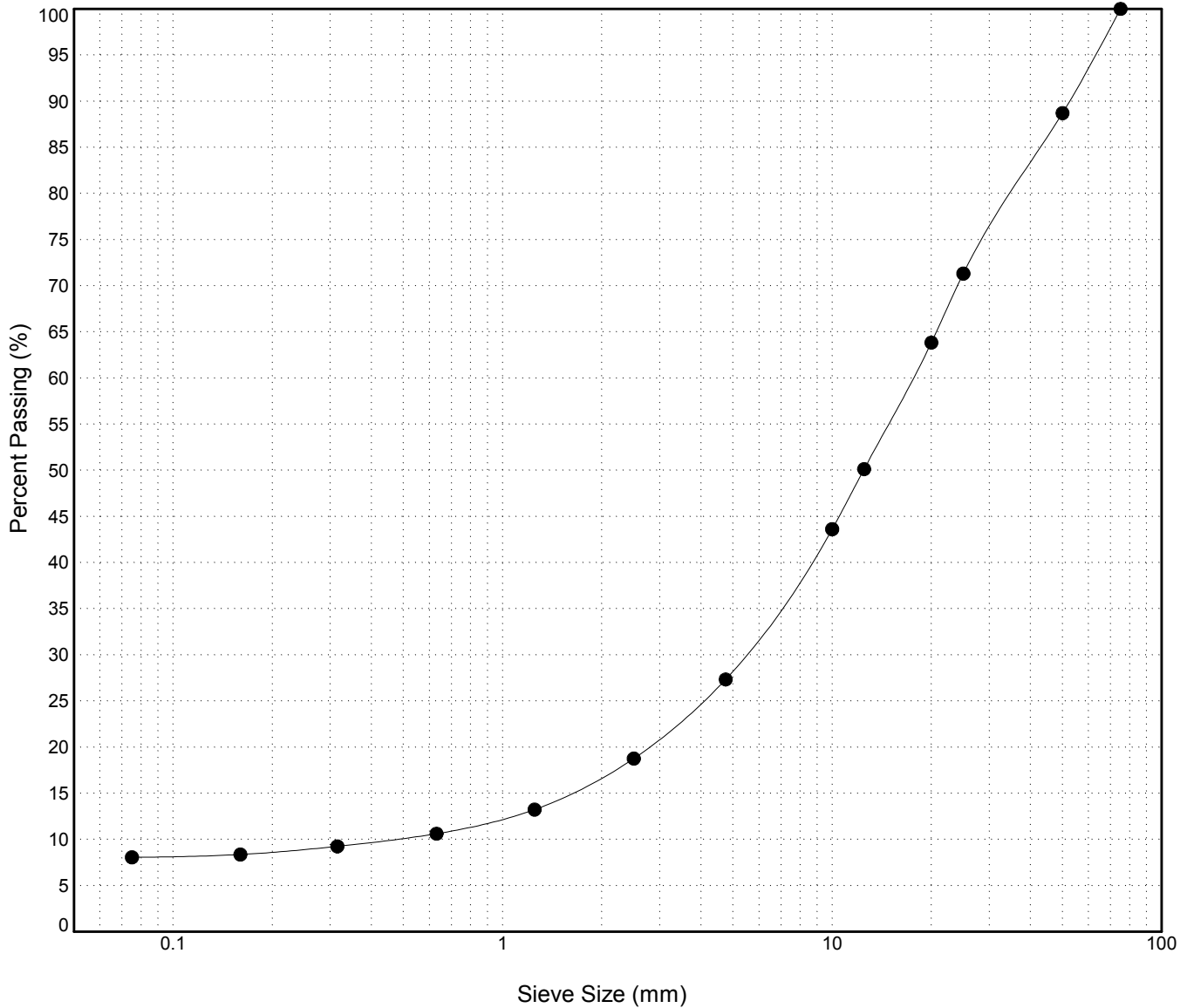


GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4787
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7103839.2m E592269.5m	ELEVATION: 303.9m

Master Revised July 2013

Field #	Lab #	Depth	Classification	%H <sub>2</sub> O	LL	PL	PI	C <sub>c</sub>	C <sub>u</sub>											
● 023	1555	4.6 to 4.8	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	4.3	NP	NP	NP	3.6	38.0											
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				
● 023	1555	100.0	100.0	88.7	71.3	63.8	50.1	43.6	27.3	18.8	13.2	10.6	9.2	8.4	8.1	Gravel	Sand	Silt	Clay	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

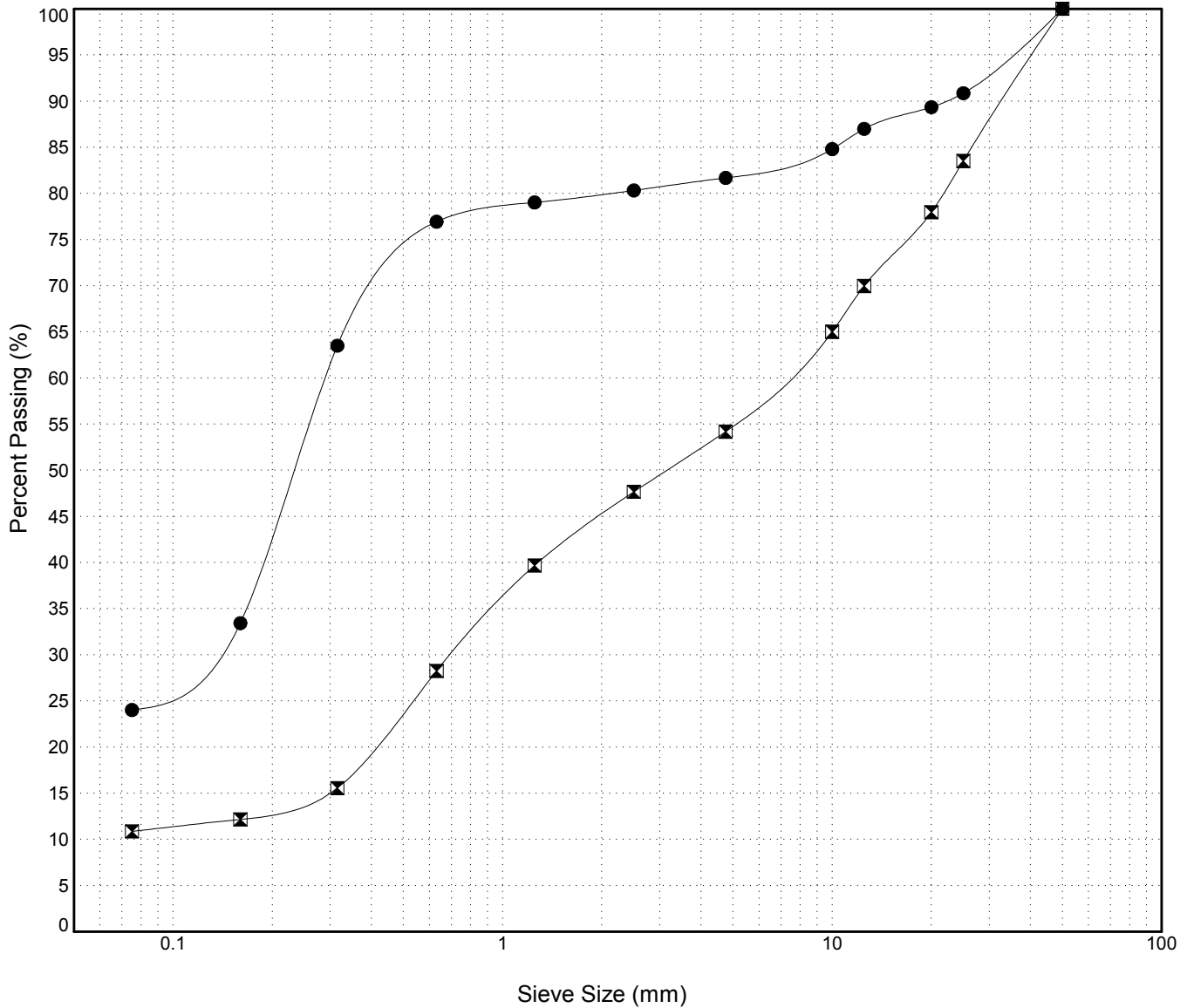


GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4788
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7104051m E592515.4m	ELEVATION: 332.6m

Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu										
● 024	1556	1.4 to 1.6	SILTY SAND with GRAVEL(SM)	28.4	NP	NP	NP												
☒ 025	1557	2.2 to 2.4	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	11.1	NP	NP	NP	1.5	155.5										
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
● 024	1556	100.0	100.0	100.0	90.9	89.3	87.0	84.8	81.7	80.3	79.0	76.9	63.5	33.4	24.0	18.3	57.7	24.0	
☒ 025	1557	100.0	100.0	100.0	83.5	78.0	70.0	65.0	54.2	47.7	39.7	28.2	15.6	12.2	10.9	45.8	43.3	10.9	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

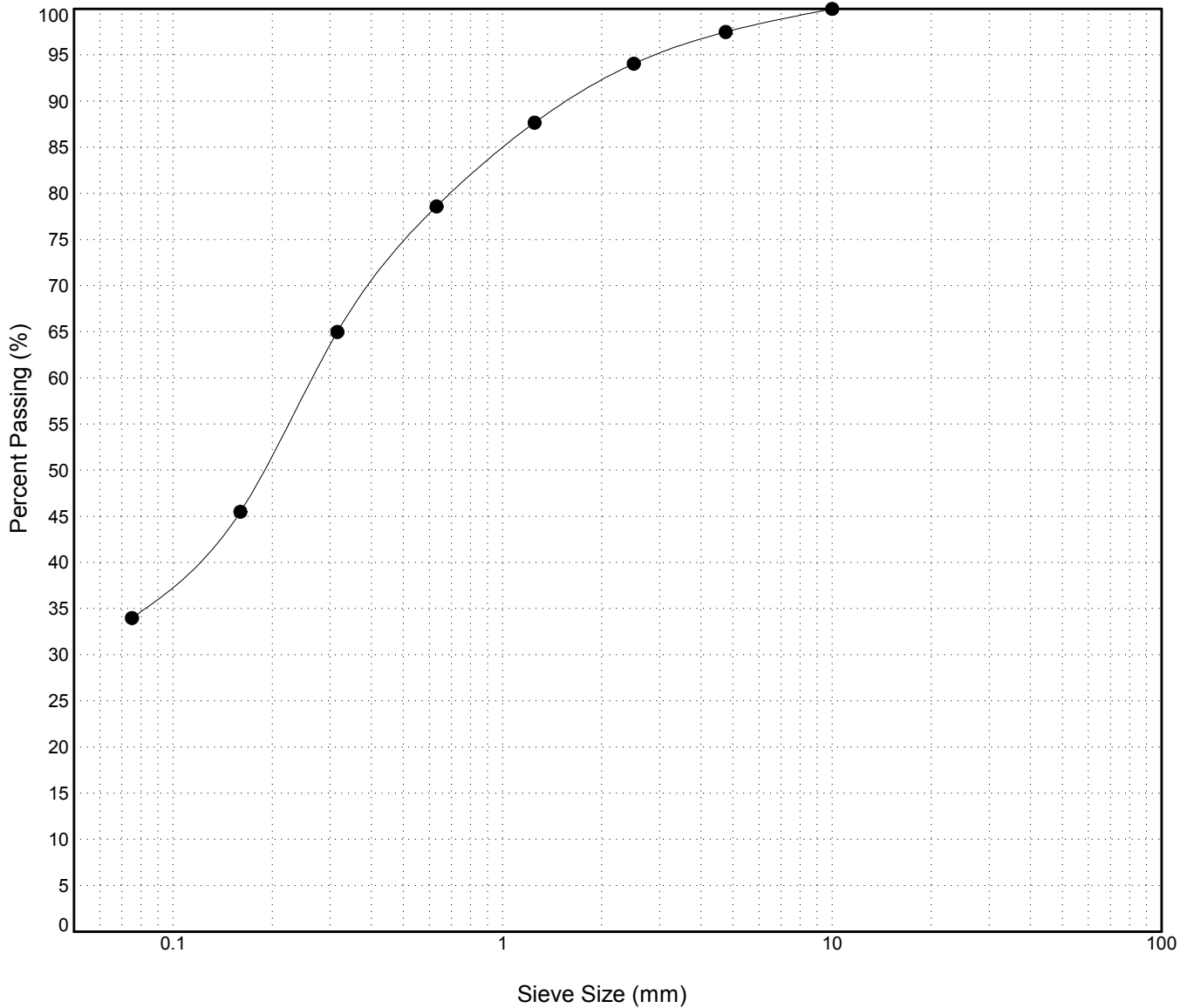


GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4789
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7104088.8m E592575.5m	ELEVATION: 334.6m

Master Revised July 2013

Field #	Lab #	Depth	Classification	%H <sub>2</sub> O	LL	PL	PI	C <sub>c</sub>	C <sub>u</sub>										
● 026	1558	1.5 to 1.7	SILTY SAND(SM)	37.2	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			
● 026	1558	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.5	94.1	87.7	78.6	65.0	45.5	34.0	Gravel	Sand	Silt	Clay
																2.5	63.5	34.0	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4790
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7103990.4m E592621m	ELEVATION: 334.8m

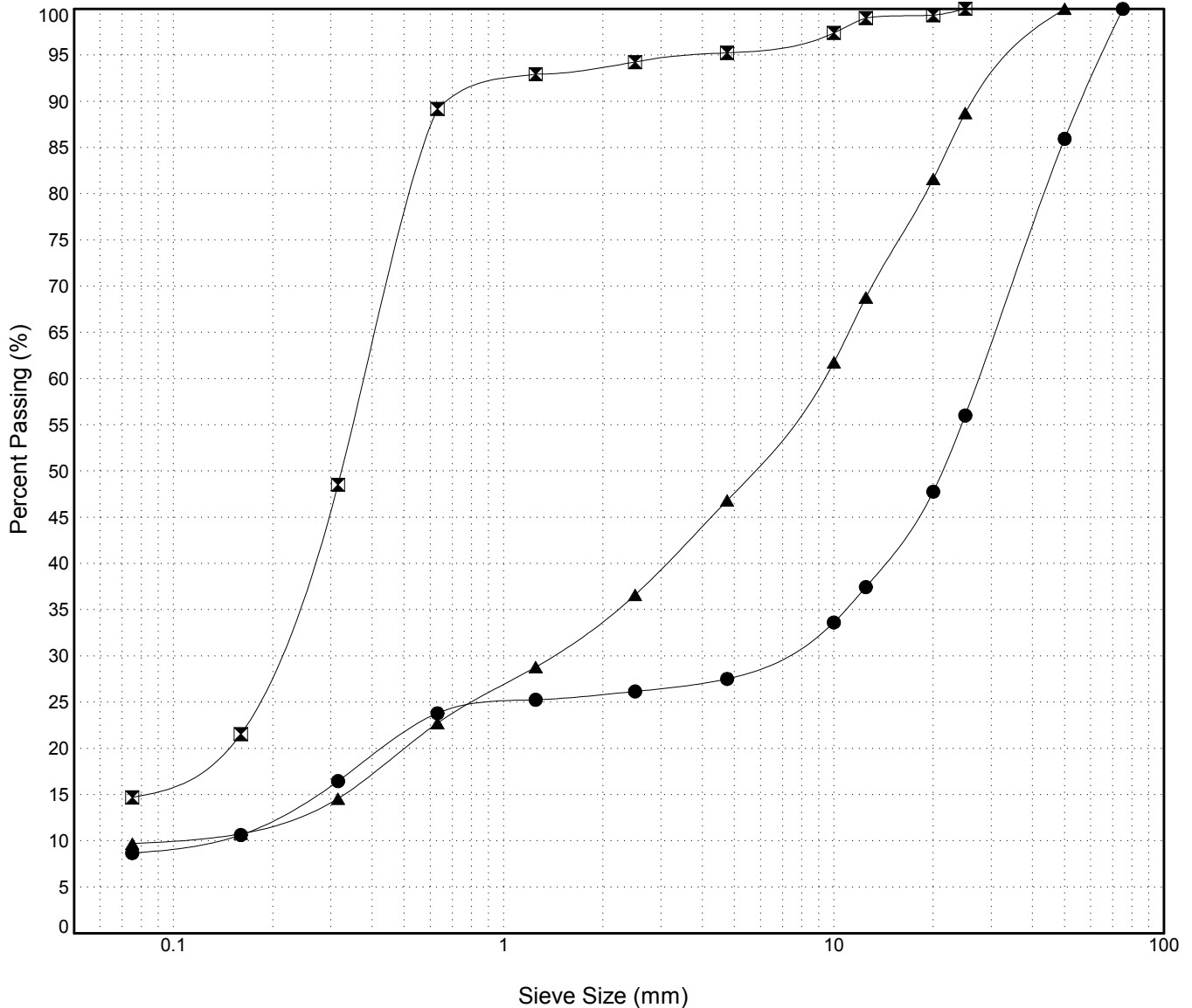
Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu
● 027	1559	0.8 to 1.0	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	2.7	NP	NP	NP	12.0	218.8
☒ 028	1560	2.8 to 3.0	SILTY SAND(SM)	9.2	NP	NP	NP		
▲ 029	1561	3.2 to 3.4	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	8.2	NP	NP	NP	2.3	98.8

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	
● 027	1559	100.0	100.0	85.9	56.0	47.8	37.5	33.6	27.5	26.2	25.3	23.8	16.5	10.6	8.7	72.5	18.8	8.7		
☒ 028	1560	100.0	100.0	100.0	100.0	99.3	99.0	97.4	95.2	94.2	92.9	89.2	48.5	21.5	14.7	4.8	80.6	14.7		
▲ 029	1561	100.0	100.0	100.0	88.7	81.6	68.8	61.8	46.8	36.6	28.8	22.7	14.6	10.8	9.7	53.2	37.1	9.7		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

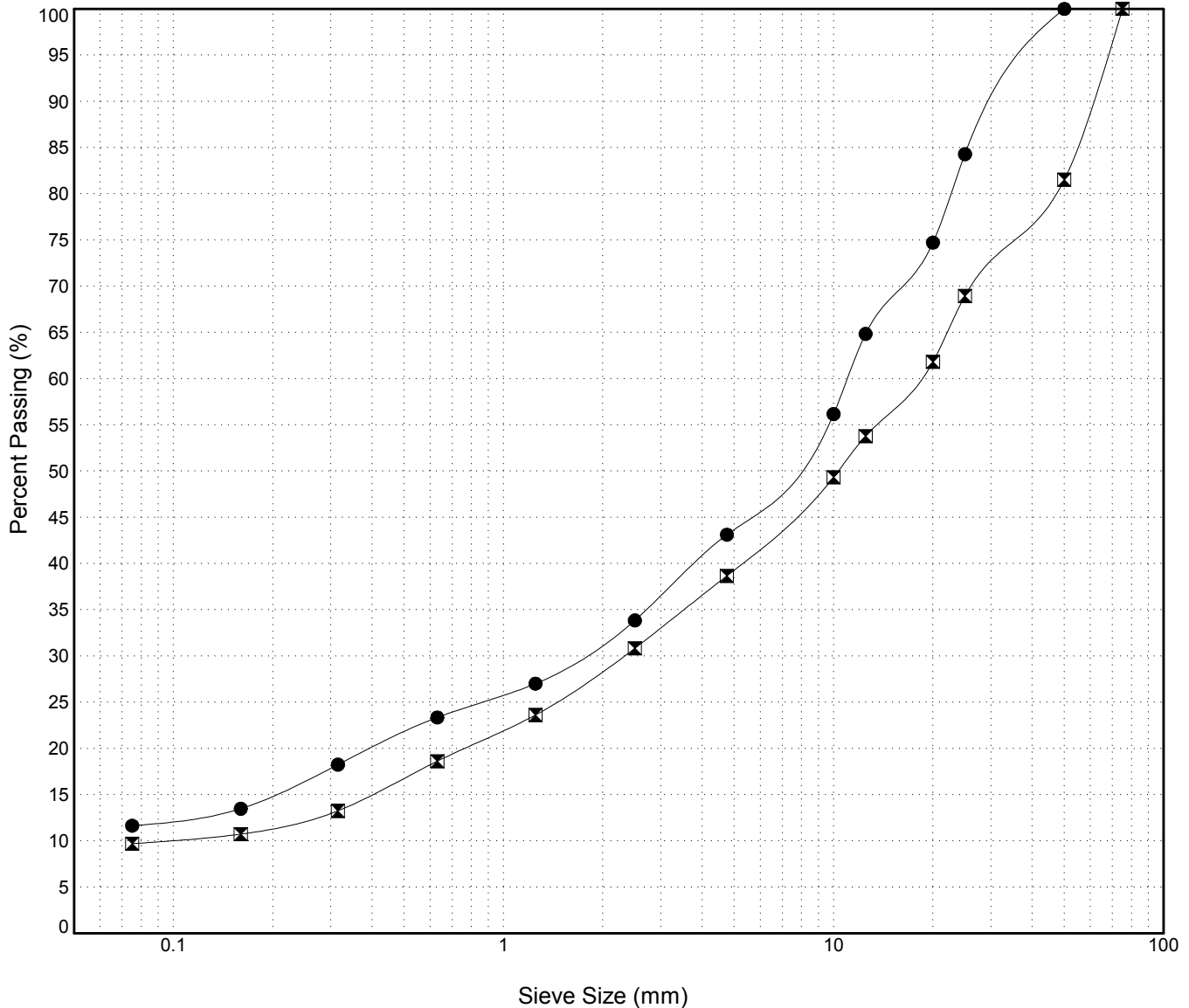


GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4791
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7103944.5m E592656.6m	ELEVATION: 335.9m

Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu										
● 030	1562	1.2 to 1.4	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	7.2	NP	NP	NP	6.8	289.5										
☒ 031	1563	2.0 to 2.2	POORLY GRADED GRAVEL with SILT and SAND(GP-GM)	6.2	NP	NP	NP	3.2	191.8										
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
● 030	1562	100.0	100.0	100.0	84.3	74.7	64.8	56.2	43.1	33.8	27.0	23.3	18.2	13.5	11.6	56.9	31.5	11.6	
☒ 031	1563	100.0	100.0	81.5	68.9	61.8	53.8	49.3	38.7	30.8	23.6	18.6	13.2	10.7	9.7	61.3	29.0	9.7	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

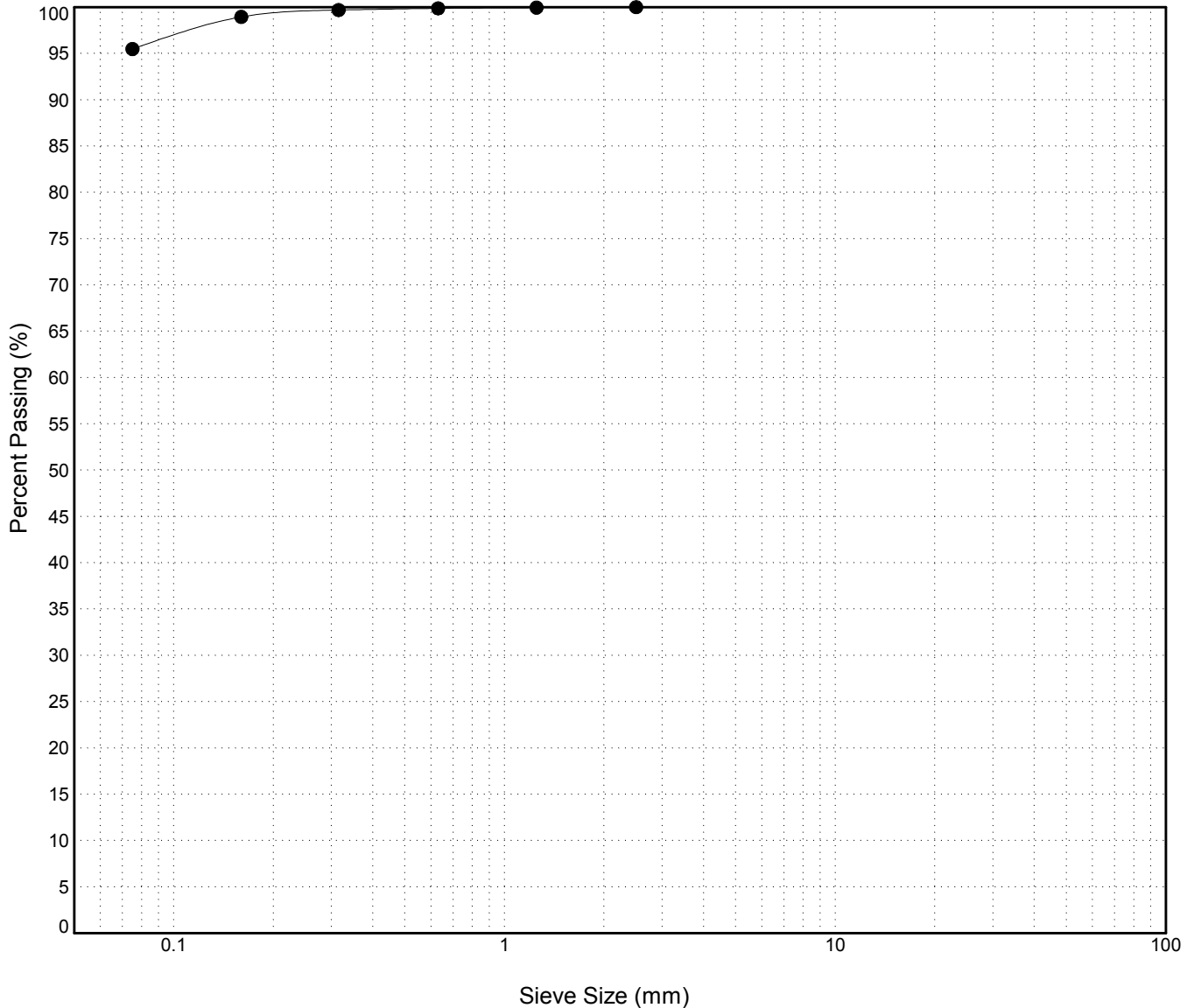


GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4792
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7103767.1m E592370.3m	ELEVATION: 333.6m

Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu											
● 032	1564	1.4 to 1.6	ORGANIC SILT(OL)	76.3	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				
● 032	1564	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.7	98.9	95.5	Gravel	Sand	Silt	Clay	
																0.0	4.5	95.5		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

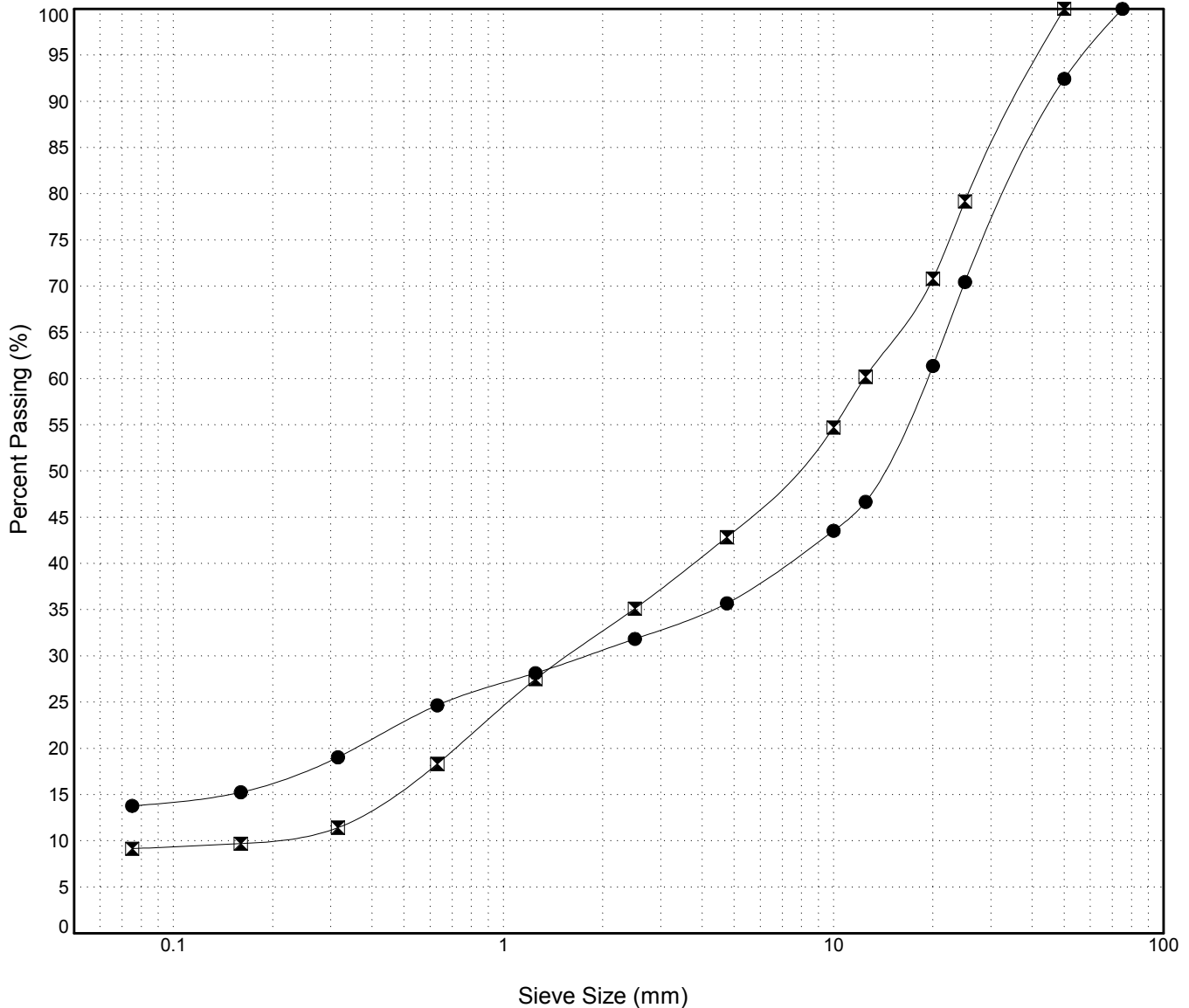


GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4793
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7103837.5m E592492.8m	ELEVATION: 344.5m

Master Revised July 2013

Field #	Lab #	Depth	Classification	%H <sub>2</sub> O	LL	PL	PI	C <sub>c</sub>	C <sub>u</sub>											
● 033	1565	1.1 to 1.3	SILTY GRAVEL with SAND(GM)	10.5	NP	NP	NP													
☒ 033A	1582	1.8 to 2.0	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	7.5	NP	NP	NP	1.1	68.9											
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				
● 033	1565	100.0	100.0	92.4	70.5	61.4	46.7	43.5	35.7	31.8	28.1	24.7	19.0	15.3	13.8	Gravel	Sand	Silt	Clay	
☒ 033A	1582	100.0	100.0	100.0	79.2	70.8	60.2	54.7	42.8	35.1	27.5	18.3	11.4	9.7	9.2	57.2	33.7	9.2		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

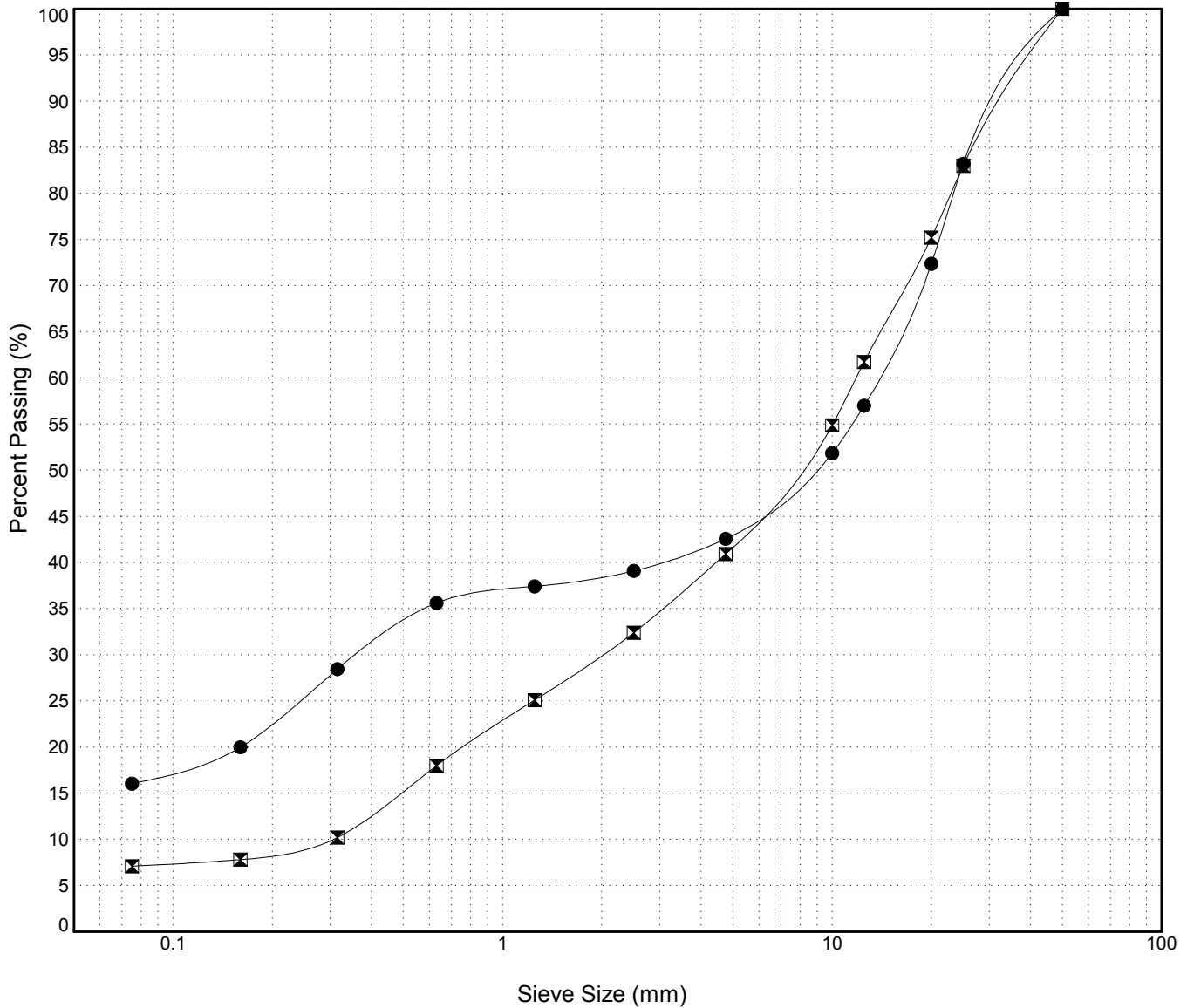


GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4794
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7103887m E592572.6m	ELEVATION: 344.9m

Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu											
● 034	1566	1.1 to 1.3	SILTY GRAVEL with SAND(GM)	10.2	NP	NP	NP													
☒ 035	1567	2.1 to 2.3	WELL-GRADED GRAVEL with SILT and SAND(GW-GM)	7.5	NP	NP	NP	1.1	39.6											
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				
● 034	1566	100.0	100.0	100.0	83.2	72.4	57.0	51.8	42.6	39.1	37.4	35.6	28.5	20.0	16.0	Gravel	Sand	Silt	Clay	
☒ 035	1567	100.0	100.0	100.0	83.0	75.2	61.7	54.9	40.9	32.4	25.1	18.0	10.2	7.8	7.1	59.1	26.5	16.0	7.1	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

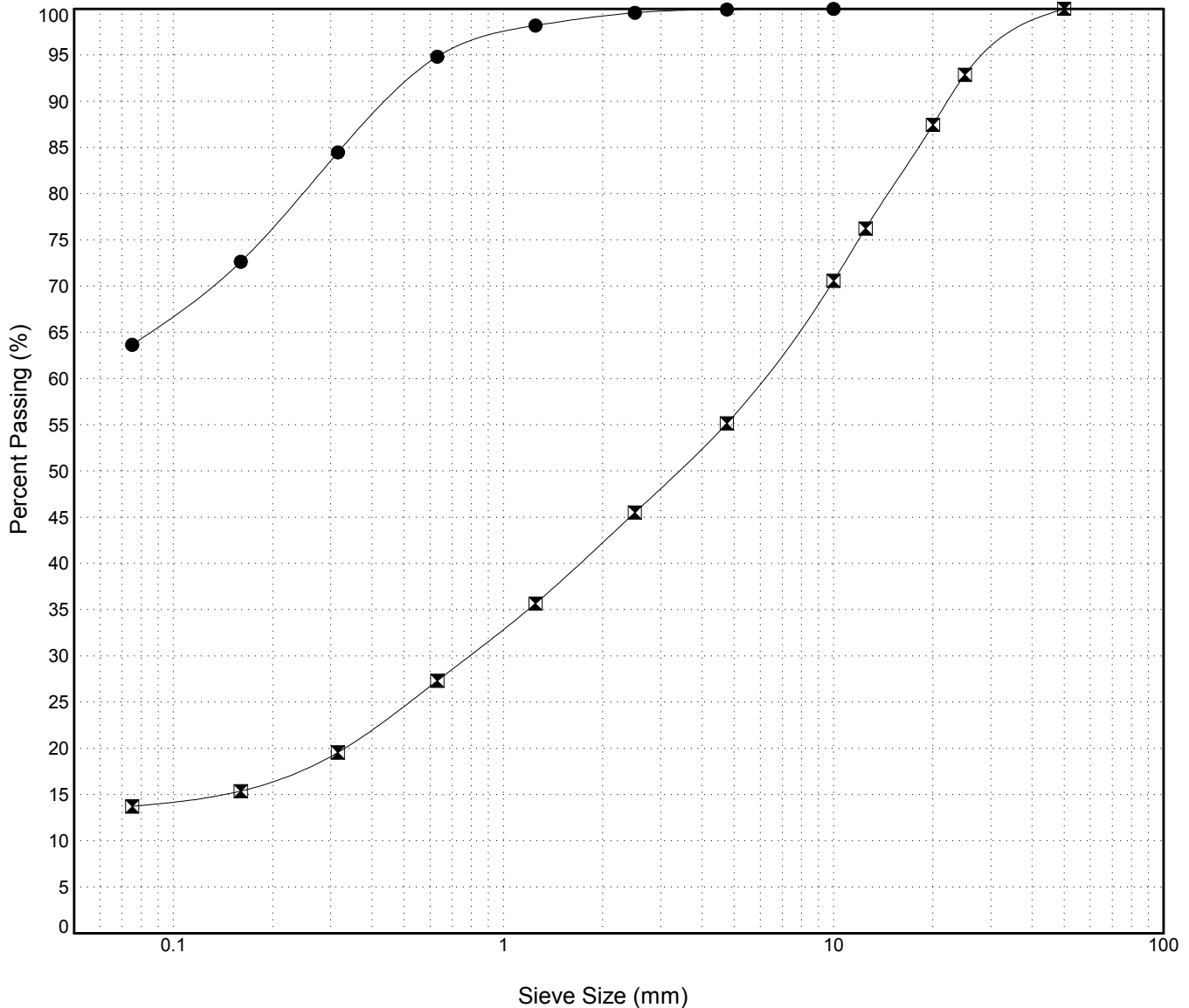


GRAIN SIZE ANALYSIS	Dawson City Aerodrome South Pit	SOURCE/TP#: 829-4795
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7104026m E592651.2m	ELEVATION: 347.5m

Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu											
● 036	1568	1.0 to 1.2	SANDY ORGANIC SILT(OL)	103.9	NP	NP	NP													
☒ 037	1569	2.0 to 2.2	SILTY GRAVEL with SAND(GM)	15.7	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				
																Gravel	Sand	Silt	Clay	
● 036	1568	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.6	98.2	94.8	84.5	72.7	63.7	0.1	36.3	63.7		
☒ 037	1569	100.0	100.0	100.0	92.9	87.5	76.3	70.6	55.2	45.5	35.7	27.3	19.6	15.4	13.7	44.8	41.4	13.7		

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

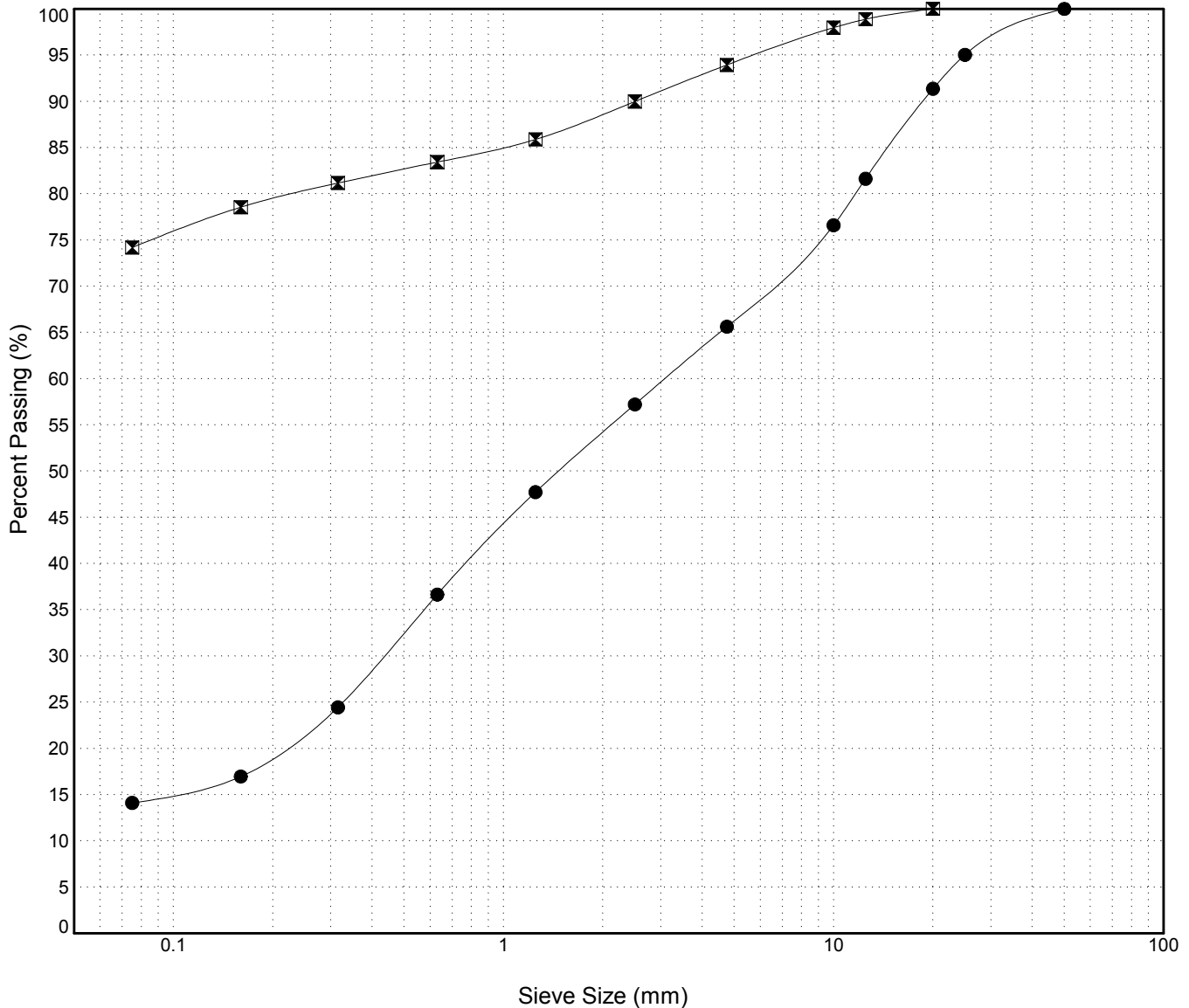


GRAIN SIZE ANALYSIS	Dawson City Aerodrome New Road Extension	SOURCE/TP#: 830-4766
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates: Z N7102351.41514717m E590659.956537	ELEVATION: 238.6m

Master Revised July 2013

Field #	Lab #	Depth	Classification	%H <sub>2</sub> O	LL	PL	PI	C <sub>c</sub>	C <sub>u</sub>										
● 038	1570	1.9 to 2.1	SILTY SAND with GRAVEL(SM)	13.1	NP	NP	NP												
☒ 046	1578	1.8 to 1.9	ORGANIC SILT with SAND(OL)	68.8	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			
● 038	1570	100.0	100.0	100.0	95.0	91.4	81.6	76.6	65.6	57.2	47.7	36.6	24.4	17.0	14.1	34.4	51.5	14.1	
☒ 046	1578	100.0	100.0	100.0	100.0	100.0	98.9	98.0	93.9	90.0	85.9	83.4	81.2	78.6	74.2	6.1	19.8	74.2	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Dawson City Aerodrome New Road Extension	SOURCE/TP#: 830-4774
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates: Z N7102832.00628521m E591378.479546	ELEVATION: 277.3m

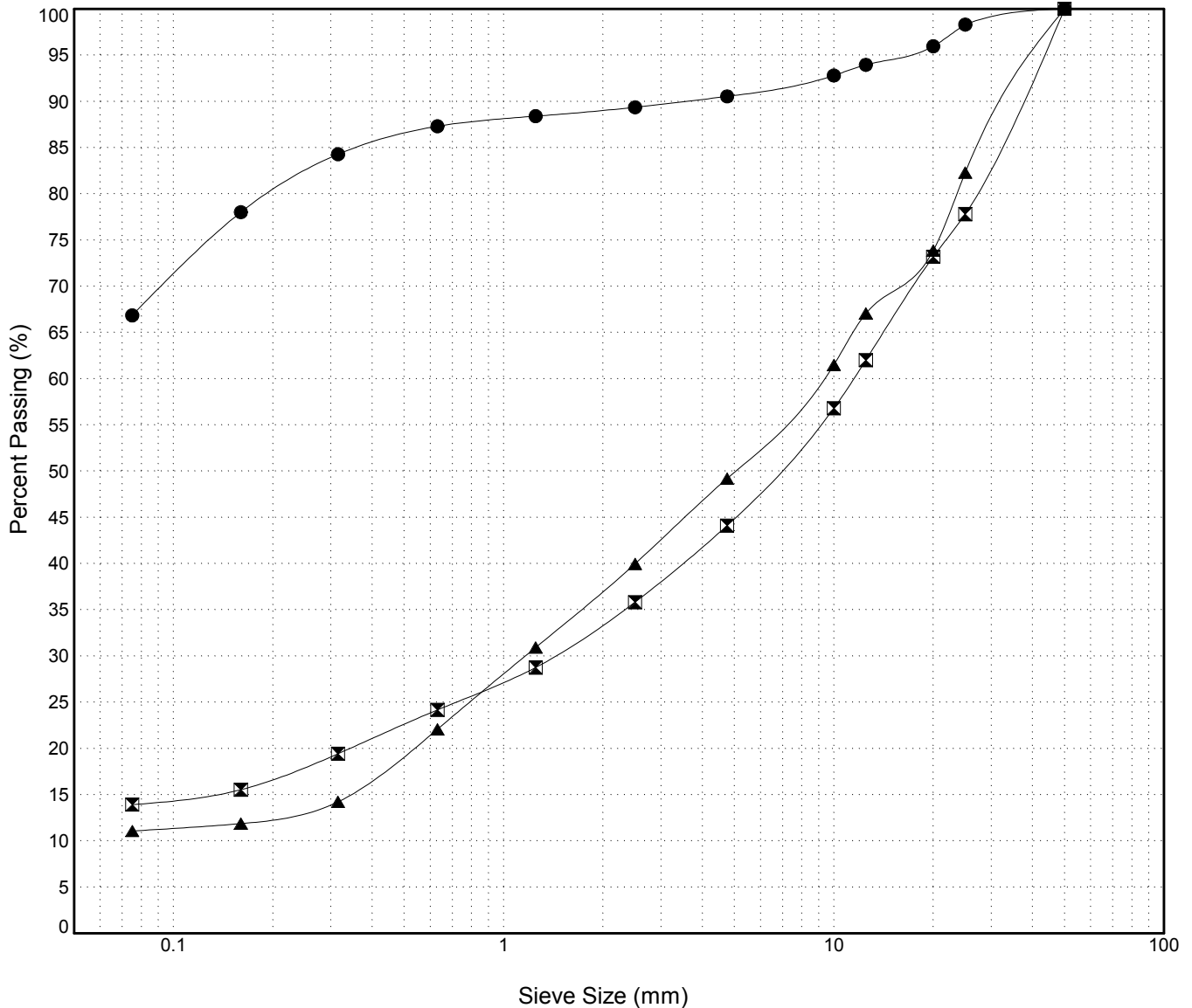
Master Revised July 2013

Field #	Lab #	Depth	Classification	%H <sub>2</sub> O	LL	PL	PI	C <sub>c</sub>	C <sub>u</sub>
● 039	1571	0.9 to 1.3	SANDY SILT (ML)	14.3	NP	NP	NP		
☒ 040	1572	2.4 to 2.6	SILTY GRAVEL with SAND (GM)	3.2	NP	NP	NP		
▲ 041	1573	4.5 to 4.8	POORLY GRADED GRAVEL with SILT and SAND (GP-GM)	3.3	NP	NP	NP	5.5	336.5

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
● 039	1571	100.0	100.0	100.0	100.0	98.3	96.0	94.0	92.8	90.5	89.4	88.4	87.3	84.3	78.0	66.8	9.5	23.7	66.8
☒ 040	1572	100.0	100.0	100.0	77.8	73.2	62.0	56.8	44.1	35.8	28.8	24.2	19.4	15.5	13.9	55.9	30.2	13.9	
▲ 041	1573	100.0	100.0	100.0	82.3	73.8	67.0	61.5	49.2	40.0	30.9	22.1	14.2	11.9	11.1	50.8	38.1	11.1	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

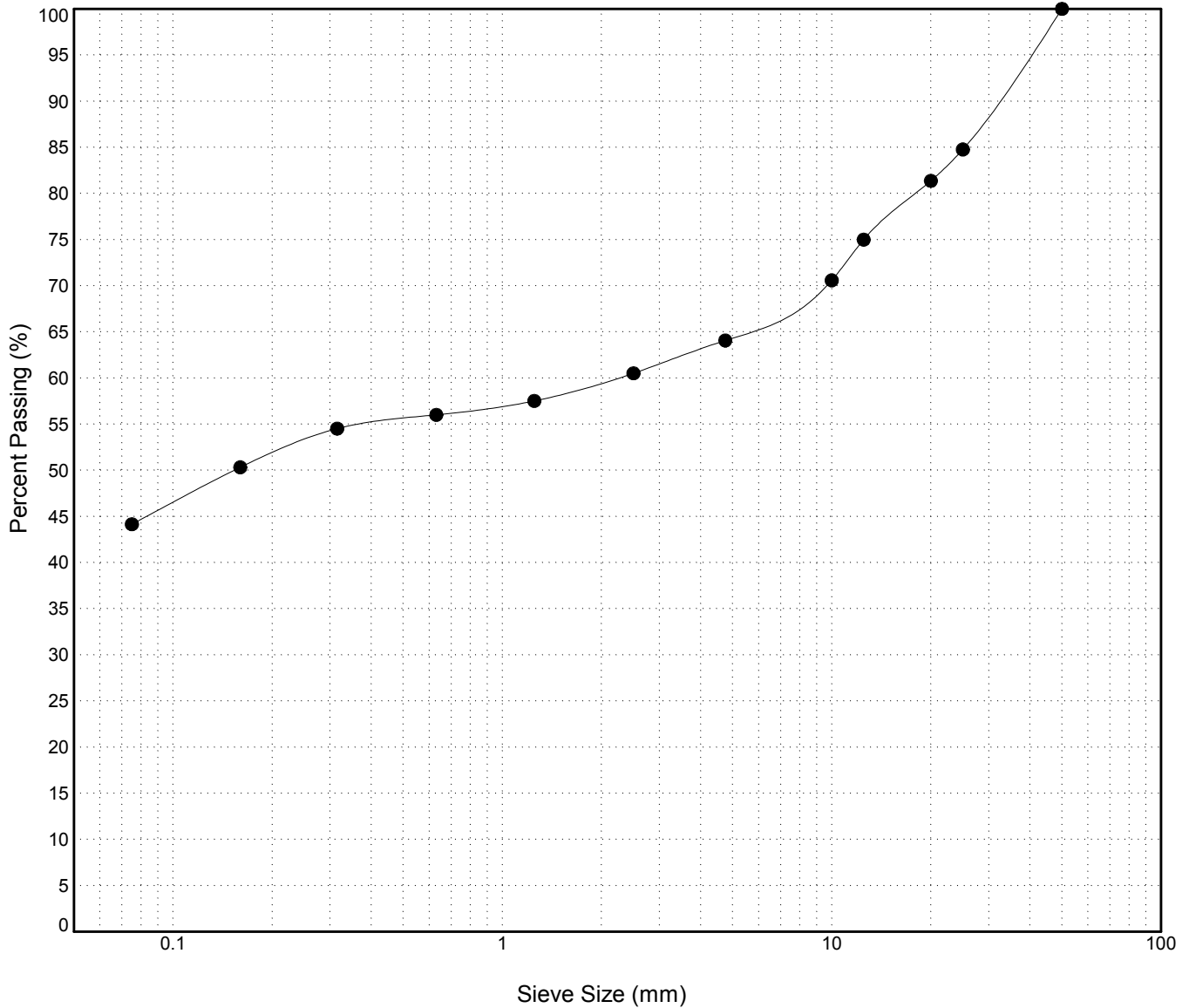


GRAIN SIZE ANALYSIS	Dawson City Aerodrome New Road Extension	SOURCE/TP#: 830-4775
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7102698.28798085m E591229.004146	ELEVATION: 278.3m

Master Revised July 2013

Field #	Lab #	Depth	Classification											%H2O	LL	PL	PI	Cc	Cu			
● 043	1575	2.0 to 2.2	SILTY GRAVEL with SAND(GM)											62.1	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					
● 043	1575	% PASSING	100.0	100.0	100.0	84.8	81.4	75.0	70.6	64.1	60.5	57.5	56.0	54.5	50.3	44.2	35.9	19.9	44.2			

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Dawson City Aerodrome New Road Extension	SOURCE/TP#: 830-4776
Bonanza Sales	km 696.8 LHS	PROJECT NO: 552 202312 12 0634-4
Komatsu 300PC	Coordinates:Z N7102565.69360634m E591071.956849	ELEVATION: 276.5m

Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu										
● 044	1576	1.6 to 1.8	ORGANIC SILT(OL)	176.5	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			
● 044	1576	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.1	92.3	86.0	Gravel	Sand	Silt	Clay
																0.0	14.0	86.0	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

