APPENDIX A





Approximate Scale 1:23 000



BRUCE GEOTECHNICAL CONSULTANTS INC.

AN APPLIED EARTH SCIENCES COMPANY

PROJECT: Jericho Diamond Project:
1996 Granular Borrow Investigations
Factual Field Report

TITLE:

Borehole and Test Pit Locations

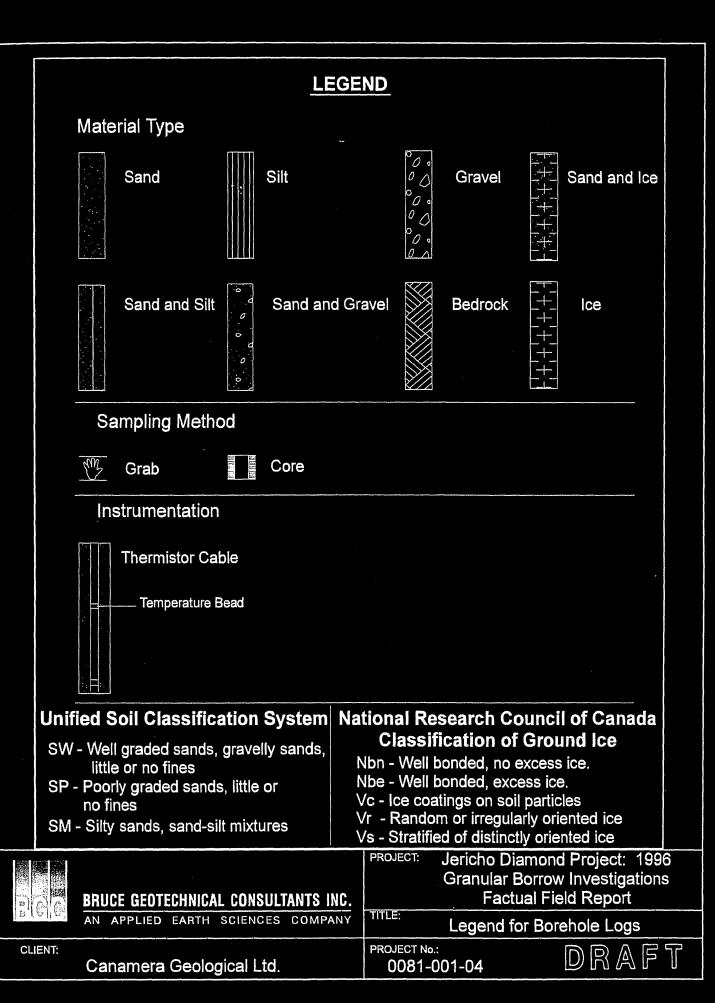
CLIENT:

Canamera Geological Ltd.

PROJECT No.: 0081-001-05

FIGURE No.:

2.



						DRILL HOLE #96-	BGC-07				Pr	oiect	No.	Pagi 0081-	ge 1 of -001-0	1 04
			Ę		Date Drilled: 1 AUG 96	LOCATION: JERICHO-BORROW				T PENE	TROM	MEDER	R VAL	LUES	kPa	岢
Ê	Type	ಶ ≻	Blows/0.15m		Dia: UT 700	ELEVATION: 482.90	INSTRUMENT		100		200 PT (N)	30 Blows		400		3
Depth (m)	Sample Tyl	over ober	0/s _W	Symbols	Contractor: FOUNDEX	CO-ORD: E 479,135 N 7,322,9	INSTALLATION 62 / ICE		10	2	20	30	0	40	U	\otimes
Dep	Sam	Net.	Blov	Syn	Hammer Type: ODEX / AIR	SOIL DESCRIPTION	i de la companya de		10	MOIST	URE C 20	CONTI		% 40		X
					NOTES: - All gradation descript estimates - All samples from CRF Auger Flights	itions are field	Thermistor temp. bead location / ICE									
0					SAND (SP), medium to c beige	coarse, moderately graded,	0m-2.6m Unfrozen									
E	7	1						×								
1																
E		,														
2 - -	3	2			SAND (SW), some grave	el, coarse, damp, grey			×							
E	E3	3		+	ICE, massive		2.6m-4,1m Solid ice				×					
3				+ + +												
		4		+ + +							×					
4 - -		5		+		ium uniform, clean, grey	4.1m-7.92m Nbn			×						
					4.57m slight trace pebbles (slow hard drilling	(to 2.0cm),										
Ĕ	[6]															
E																
		6			when thawed	ine, grey, saturated					×					
F																
1 1 5 5	- [®] 3	7		-	END OF HOLE AT 7.9m						×					
A 08148 8 NOV 96																
A 0814B 8 NOV 96																

BGC

BRUCE GEOTECHNICAL CONSULTANTS INC.
AN APPLIED EARTH SCIENCES COMPANY

JERICHO DIAMOND PROJECT 1996 GRANULAR BORROW INVESTIGATIONS

Tatorciónole: ##	96-BGC-05	96-BGC-05	96-BGC-05	96-BGC-05	96-BGC-05
(Daje)di (cag)	3.05-3.35	3.35-3.50	3.85-3.96	4.57-4.87	7.52-7.68
Version Wo	22.5 °	21.5	2.2	23.6	26.6

lafolgolgjelfelgj;	96-BGC-05	96-BGC-07	96-BGC-07	96-BGC-07	96-BGC-07
Blowle least	10.66-10.86	0.76	2.13	2.74	3.65
(Medicialita (Pig)	23.5	1.8	5.8	19.5	20.5

Bargolajajo 77	96-BGC-07	96-BGC-07	96-BGC-07	96-BGC-08	96-BGC-08
E (=) 0 (4 ((6 ° 4)))	4.26	6.19	7.7	1.37	2.9
Winder Section	17.2	21.1	22.1 [.]	1.6	2.6

. ≟(e) (c) s (s)(c) (′; -1	96-BGC-08	96-BGC-08	96-BGC-09	96-BGC-09	96-BGC-09
513188 380	4.5	5.35-5.80	1.4	2.84	4.26
With Excuse (676)	5.2	16.6	1.7	3.4	2.2

						TP 96-J)1						Page Project	1 of 1 t No.
E			c		Date Drilled: 24 AUG 96	LOCATION: JERICHO			POCKE	PENE	TROM	ETER VA	LUES KP	a 🖲
2	Туре	ಪ ≻	.15ก	/Δ	Date Drilled: 24 AUG 96 Rig: Contractor: Hammer Type:	ELEVATION:	INSTRUME	VT	100	SPT	00 F (N) E	300 laws/ft	400	\otimes
Depth (m)	ple	over	0/sw	nbols	Contractor:	CO-ORD:	INSTALLATI / ICE	ON	10	2	0	30 ONTENT	40	
Dep	Sarr	Recovery Number	Blo	Syn	Hammer Type:	SOIL DESCRIPTION			10) NE C	30	% 40	×
					NOTES: - All gradation description	ons are field	Thermistor tem bead location / ICE	р.						
	8	1			SAND (SW), some gravel 5cm, medium to coarse graded on the coarse END OF TEST PIT AT 0.4	se, damp, clean, well end		*						
1														

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JERICHO DIAMOND PROJECT 1996 GRANULAR BORROW INVESTIGATIONS

	250, 55 mg - 1 (5); no -1		NI-de-Vic				P 96-J02					7-10/2/200-			i de	Page Projed	e 1 of	I
	g)		ε		Date Drilled: 24 AUG 96	LOCATION: JE	RICHO				POCK 10	ET PE	NETRO 200	METE 30	R VAL	UES k	кРа	0
Ê	Typ ry &		3.15	Symbols	Rig:	ELEVATION:		INS	STRUMENT TALLATION				SPT (N)	Blow	s/ft	400		\otimes
Depth (m)	Sample Ty Recovery 8	mber	/sm	mbo	Contractor:	CO-ORD:		""	/ ICE		10	MOI	20 ISTURE	CONT	0 ENT	40 %	,	
De	Sar	Ş	Bio	Š	Hammer Type:		SCRIPTION		teat and a second of the secon		10)	20	3		70 40		X
					NOTES: - All gradation descriptio			Therm bead id / ICE	istor temp. ocation									7700
٥				F	gravelly SAND (SW), som silt, moist, well graded	e cobbles to 8	cm, trace											
-		1			silt, moist, well graded					×								
_				H	END OF TEST PIT AT 0.4													
1	-				END OF TEST FIT AT 0.4	m												
	2																	
20 170 00 1410																		
3	3		1													 1		5

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JERICHO DIAMOND PROJECT 1996 GRANULAR BORROW INVESTIGATIONS

			to the top the terminal			TP 9	6-J03							Proje	1 of 1 ct No.
	al emote inco		ح		Date Drilled: 24 AUG 96	LOCATION: JERICHO			POCK	ET PE	NETR	OMETE	R VAI	UES k	Pa 🍙
	ype	ಶ	15n		Date Drilled: 24 AUG 96 Rig: Contractor: Hammer Type:	ELEVATION:	***************************************	INSTRUMENT	 100)	200 SPT (3 N) Blov	00 /s/ft	400	
Ē	Je T	ver) ber	s/0.	slog	Contractor:	CO-ORD:		INSTALLATION / ICE	10		20		30	40	
Depth (m)	amp	Number	Slow	μλ	Hammer Type:	SOIL DESCRI	PTION	/ 102	10		ISTUR 20	E CON	TENT 30		×
Δ	on t	E Z	0.0	0,	NOTES: - All gradation description	ons are field			10		20		50	40	
					NOTES All gradulon description	ons are field		Thermistor temp. bead location / ICE							
0			*********		SAND (SP), some gravel, medium to coarse, inc	slight trace silt,									
_					medium to coarse, mo	oist, light brown									
-															
	700								×						
	603	1							^						
					END OF TEST PIT AT 0.8	ōm ·									
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JERICHO DIAMOND PROJECT 1996 GRANULAR BORROW INVESTIGATIONS

					TP 96-	J04											je 1 d ect N	
				Date Drilled: 24 AUG 96	LOCATION: JERICHO		Programme of the Control			POC	(ET P	ENE	ROM	ETE	NAI	UES	kPa	0. (0)
	y pe	5m		Dim.	ELEVATION:		INS	TRUMENT		10	0	20	0	30	00	40		1200
Ξ	le T	3/0.	slot	Contractor:	CO-ORD:		INST	FALLATION		10	0	SP 1	(N) E	swolt 30		4)	\otimes
Depth (m)	Sample Type Recovery & Number	Blows/0.15m	Symbols	Contractor:	SOIL DESCRIPTI	ON		/ ICE			MC	DISTU	RE C	ONT	ENT	%		X
٥	O E Z	. B	S	Hammer Type: NOTES: • All gradation description						10	0	20)	30	0	4)	
				NO LES Wil Bladation cessi	iptions are note	The bea	ermi ad lo	stor temp. cation										
_						/ 10	E											
٥				SAND (SP), slight trac poorly graded, clea	e gravel, medium coarse,													
-				poonly graded, cite	m, moisc													
_																		
-																		
	(B)	1							×									
-			<u> </u>	END OF TEST PIT AT	0.7m													
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JERICHO DIAMOND PROJECT 1996 GRANULAR BORROW INVESTIGATIONS

LARGE AGGREGATE ANALYSIS REPORT Project: 1996 Testing Services Sample Number: 96TP-J01 Sample Location: Test Pit JD1, Sample 1 Address: Yellowknife, N.W.T. Depth = 0.3 mProject Number: 0701-96-12426 Date Sampled: Temp: Client: Bruce Geotechnical Consultants Inc. Date Tested: 96/10/12 By: FB Natural Moisture Content: Crushed Faces: Faces: Attention: Mr. Wayne Savingy P.Eng. Soil Description: SAND - gravelly, trace fines Remarks: * sampled by client SIEVE SIZES (mm) % Passing Sieve 75 100 50 100 100 40 25 100 20 96 16 94 12.5 89 50 5 77 2.5 70 30 1.25 54 0.63 29 20 0.315 15 10 0.16 10 0.08 6.8

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Reviewed By:



LARGE AGGREGATE ANALYSIS REPORT Project: 1996 Testing Services Sample Number: 96TP-J02 Address: Yellowknife, N.W.T. Sample Location: Test Pit J02, Sample 1 Depth = 0.3 mProject Number: 0701-96-12426 Date Sampled: Time: Temp: Date Tested: 96/10/12 By: BF Client: Bruce Geotechnical Consultants Inc. Natural Moisture Content: Crushed Faces: Faces: Attention: Mr. Wayne Savingy P.Eng. Soil Description: SAND AND GRAVEL - trace fines Remarks: * sample sampled by client SIEVE SIZES (mm) 10 12.5 16 20 25 % Passing Sieve 75 100 90 50 100 80 40 100 25 100 70 20 93 60 16 88 12.5 82 50 10 76 5 62 40 2.5 52 30 1.25 41 0.63 26 20 0.315 14 0.16 10 9 6.5 0.08 0 Reviewed By:

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LARGE AGGREGATE ANALYSIS REPORT Project: 1996 Testing Services Sample Number: 96TP-J03 Address: Yellowknife, N.W.T. Sample Location: Test Pit J03, Sample 1 Depth = 0.5 mProject Number: 0701-96-12426 Date Sampled: By: * Time: Temp: Client: Bruce Geotechnical Consultants Inc. Date Tested: 96/10/12 By: BF Natural Moisture Content: Crushed Faces: Faces: Attention: Mr. Wayne Savingy P.Eng. Soil Description: SAND - gravelly, some fines Remarks: * sampled by client SIEVE SIZES (mm) 10 12.5 16 20 25 % Passing 75 100 50 100 80 40 100 25 98 70 20 98 60 16 93 12.5 91 50 10 5 78 40 2.5 67 1.25 49 0.63 29 20 0.315 15 12 10 0.16 0.08 10.6 Reviewed By:

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LARGE AGGREGATE ANALYSIS REPORT Project: 1996 Testing Services Sample Number: 96TP-J04 Address: Yellowknife, N.W.T. Sample Location: Test Pit J04, Sample 1 Depth = 0.6 mProject Number: 0701-96-12426 Date Sampled: By:_ * Temp: Client: Bruce Geotechnical Consultants Inc. Date Tested: 95/10/12 By: BF Natural Moisture Content: Crushed Faces: Faces: Attention: Mr. Wayne Savingy P.Eng. Soil Description: SAND - traces of gravel and fines Remarks: * sampled by client SIEVE SIZES (mm) 10 12.5 16 20 25 % Passing Sieve 75 100 50 100 80 100 25 100 20 97 60 16 96 12.5 96 10 96 5 94 40 2.5 86 30 1.25 60 0.63 22 20 0.315 5 0.16 2 10 0.08 1.2

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Reviewed By:





NATURAL MOISTURE CONTENTS

(States) Talls 🤼	96-BGC-J01	96-BGC-J02	96-BGC-J03	96-BGC-J04	
Disposition (expr	0.3	0.3	0.4	0.6	
Multigues (%)	4.9	4.5	5.5	3.2	

