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**Geotechnical Services
Km 1691.7 to 1717.3, Alaska Highway #1
Yukon, 2004**

**Volume 3
ESEBASE SOILS LOGS**



**HOGGAN ENGINEERING & TESTING
(1980) LTD.**



An Affiliate of J. R. Paine & Associates Ltd.

EDMONTON



GRANDE PRAIRIE



PEACE RIVER



WHITEHORSE

HOGGAN ENGINEERING & TESTING (1980) LTD.

**Geotechnical Services
Km 1691.7 to 1717.3, Alaska Highway #1
Yukon, 2004**

**Volume 3
ESEBASE SOILS LOGS**

HOGGAN ENGINEERING & TESTING (1980) LTD.

Volume 3

ESEBASE SOILS LOGS

.... ESEBASE SOILS LOGS 30000 to 30179 (NUMERICAL ORDER)

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30000	
Donjek Services Ltd.		UTM ZONE: - N6767988 E644064		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	SANDY GRAVEL -dry to damp, medium dense, brown											0.0
0.5			352				GW					
1.0												
1.2	SANDY GRAVEL, trace silt -damp, medium dense, brown											
2.0			353				GW-GM					
3.0	End Of Hole @ 3.0m											
4.0												
5.0												
6.0												

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/16/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30001	
Donjek Services Ltd.		UTM ZONE: - N6768004 E643863		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
0.0	SANDY SILT -damp, medium dense, brown -organic seams noted to 1.0m depth -some gravels noted between 0.4m & 0.5m										0.0
1.0			354				ML				-1.0
1.5	SANDY GRAVEL, trace silt -damp, medium dense, brown										
2.0			355				GP-GM				-2.0
3.0	End Of Hole @ 3.0m										-3.0
4.0											-4.0
5.0											-5.0
6.0											-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/16/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30002	
Donjek Services Ltd.		UTM ZONE: - N6768001 E643667		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)	
				PLASTIC		M.C.			PERCENT SAND		PERCENT GRAVEL		
				20	40	60			80	20	40		60
0.0	SANDY GRAVEL, trace silt -dry, medium dense, brown											0.0	
	SILTY SAND, some gravel -damp, medium dense, brown		356	●	▲		SM		■	◆			
	SANDY GRAVEL, some silt -damp, dense, brown												
1.0												-1.0	
2.0												-2.0	
			357	●	▲		GM		■				
3.0	End Of Hole @ 3.0m											-3.0	
4.0												-4.0	
5.0												-5.0	
6.0												-6.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30003	
Donjek Services Ltd.		UTM ZONE: - N6767987 E643448		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
				20	40	60			20	40	60	
0.0	SANDY GRAVEL, trace silt -damp to moist, medium dense, dark brown/grey											0.0
			358					GP-GM				
2.0	SANDY GRAVEL/GRAVELLY SAND, some silt 1.8m -dry to damp, dense, brown/grey							GM				
			359									
4.0								SM				
			360									
4.3	End Of Hole @ 4.3m											

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.3 m
		REVIEWED BY:	COMPLETE: 08/16/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30004	
Donjek Services Ltd.		UTM ZONE: - N6768053 E643430		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SANDY GRAVEL, some silt -damp, dense, grey/brown							0.0
1.0			361	▲		GP-GM	◆	-1.0
2.0	GRAVELLY SAND/SANDY GRAVEL, some silt 1.8m -damp, dense, brown/grey		362	◆ ▲		SM	◆	-2.0
3.0								-3.0
4.0			363	▲		GP-GM	◆	-4.0
4.4	End Of Hole @ 4.4m -refusal @ 1.5m - move north 2m							-4.4
5.0								-5.0
6.0								-6.0

J. R. Paine & Associates Ltd.		LOGGED BY: RW	COMPLETION DEPTH: 4.4 m
Whitehorse, Yukon		REVIEWED BY:	COMPLETE: 08/16/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30005	
Donjek Services Ltd.		UTM ZONE: - N6768019 E648267		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	SANDY GRAVEL -dry, medium dense, brown											0.0
1.0			364				GW					
2.0	SANDY GRAVEL/GRAVELLY SAND, trace silt 1.2m -damp, medium dense, brown		365				GP-GM					
3.0												
4.0			366				SW-SM					
4.0	End Of Hole @ 4.0m - Refusal											
5.0												
6.0												

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4 m
		REVIEWED BY:	COMPLETE: 08/18/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30005B									
Donjek Services Ltd.		UTM ZONE: - N6768022 E643035		PROJECT NO: 8002-318									
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:									
SAMPLE TYPE		☒ RETURN	☒ S.P.T.	☒ AUGER	☐ BULK								
		☐ TUBE	☒ CORE										
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲		USC	SOIL SYMBOL	◆ PERCENT SAND ◆		ELEVATION(m)			
				PLASTIC	M.C.			LIQUID	PERCENT GRAVEL ■				
0.0	SANDY GRAVEL, some silt -dry to damp, medium dense, brown	X	367	20	40	60	80	GP-GM	20	40	60	80	0.0
1.0													
2.0		X	368	20	40	60	80	GP-GM	20	40	60	80	-2.0
3.0	End Of Hole @ 3.0m												-3.0
4.0													-4.0
5.0													-5.0
6.0													-6.0
J. R. Paine & Associates Ltd.				LOGGED BY: RW		COMPLETION DEPTH: 3 m							
Whitehorse, Yukon				REVIEWED BY:		COMPLETE: 08/18/04							
				Fig. No: 164		Page 1 of 1							

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30006	
Donjek Services Ltd.		UTM ZONE: - N6768025 E642866		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80			USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80			ELEVATION(m)
0.0	SANDY GRAVEL, some silt -dry to damp, medium dense, brown								0.0			
		X	369			GP-GM						
1.0									-1.0			
	SILTY GRAVELLY SAND 1.5m -dry to damp, medium dense, brown											
		X	370			SM						
2.0									-2.0			
3.0	End Of Hole @ 3.0m -less gravel recovery w/ depth 3.0m								-3.0			
4.0									-4.0			
5.0									-5.0			
6.0									-6.0			

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/18/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30007	
Donjek Services Ltd.		UTM ZONE: - N6768030 E642664		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)	
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
				20	40	60	80		20	40	60	80	
0.0	GRAVELLY SAND, some silt -dry to damp, medium dense, brown												0.0
1.0			371					SW-SM					-1.0
1.5	SILTY GRAVELLY SAND -dry to damp, medium dense, brown												
2.0			372					SM					-2.0
3.0	End Of Hole @ 3.0m -less gravel recovery w/ depth												-3.0
4.0													-4.0
5.0													-5.0
6.0													-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30008						
Donjek Services Ltd.		UTM ZONE: - N6768033 E642462		PROJECT NO: 8002-318						
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:						
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE										
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80		USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80		ELEVATION(m)
0.0	GRAVELLY SAND, trace silt to SILTY -damp, medium dense, brown -increase silt w/ depth	X	373	▲		SW-SM		■ ◆	0.0	
1.0										
2.0		X	374	● ▲		SM		■ ◆	-2.0	
3.0										
3.0	End Of Hole @ 3.0m -less gravel recovery w/ depth								-3.0	
4.0									-4.0	
5.0									-5.0	
6.0									-6.0	

J. R. Paine & Associates Ltd.

Whitehorse, Yukon

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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30009	
Donjek Services Ltd.		UTM ZONE: - N6768038 E642265		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80			USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80			ELEVATION(m)
0.0	GRAVELLY SAND, some silt to SILTY -damp, medium dense, brown -increase silt w/ depth								0.0			
		X	375	● ▲		SW-SM	◆ ■					
1.0									-1.0			
		X	376	● ▲		SM	◆ ■		-2.0			
2.0												
3.0	End of Hole @ 3.0m -less gravel recovery w/ depth								-3.0			
4.0									-4.0			
5.0									-5.0			
6.0									-6.0			

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30010		
Donjek Services Ltd.		UTM ZONE: - N6768040 E642066		PROJECT NO: 8002-318		
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:		
SAMPLE TYPE		☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE				
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC SOIL SYMBOL ◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	GRAVELLY SAND, some silt -dry to damp, medium dense, brown		377		SM	0.0
2.0	SANDY GRAVEL, trace silt -dry to damp, medium dense, brown		378		GP-GM	-2.0
3.0	End Of Hole @ 3.0m					-3.0
4.0						-4.0
5.0						-5.0
6.0						-6.0

J. R. Paine & Associates Ltd.

Whitehorse, Yukon

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Fig. No: 170

COMPLETION DEPTH: 3 m

COMPLETE: 08/18/04

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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30011	
Donjek Services Ltd.		UTM ZONE: - N6768044 E641865		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SANDY GRAVEL, trace silt -damp to moist, medium dense, brown/dark grey							0.0
		X	379	▲		GW-GM	◆ ■	
1.0								-1.0
2.0		X	380	▲		GW-GM	◆ ■	-2.0
3.0	End Of Hole @ 3.0m							-3.0
4.0								-4.0
5.0								-5.0
6.0								-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30012	
Donjek Services Ltd.		UTM ZONE: - N6768049 E641666		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
0.0	SANDY GRAVEL, trace silt -dry to damp, medium dense, brown										0.0
1.0			381					GW-GM			-1.0
2.0	AS ABOVE -damp		382					GP-GM			-2.0
3.0	End Of Hole @ 3.0m										-3.0
4.0											-4.0
5.0											-5.0
6.0											-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30013	
Donjek Services Ltd.		UTM ZONE: - N6768054 E641469		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)			
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL				
0.0	SANDY GRAVEL, trace silt -dry to damp, medium dense, brown			20	40	60	80			20	40	60	80	0.0
1.0			383					GW-GM						-1.0
2.0	AS ABOVE -damp													-2.0
3.0	End Of Hole @ 3.0m		384					GW-GM						-3.0
4.0														-4.0
5.0														-5.0
6.0														-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30014	
Donjek Services Ltd.		UTM ZONE: - N6768036 E641287		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)	
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
				20	40	60	80		20	40	60	80	
0.0	SANDY GRAVEL, trace silt -damp, medium dense, brown												0.0
			385					GW-GM					
1.0													
2.0			386					GP-GM					
3.0	End Of Hole @ 3.0m												
4.0													
5.0													
6.0													

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/18/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30015	
Donjek Services Ltd.		UTM ZONE: - N6767939 E641051		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
0.0	GRAVELLY SAND -damp to moist, medium dense, brown										0.0
0.3m	SANDY SILT -moist, soft, grey -organics noted		387				ML				
1.2m	SANDY GRAVEL, trace silt -damp to moist, medium dense, brown										
2.0			388				GW-GM				
2.7m	SANDY SILT, some gravel -damp to moist, soft, grey/brown										
3.0m	End Of Hole @ 3.0m										
6.0											-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/18/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30016	
Donjek Services Ltd.		UTM ZONE: - N6767966 E641012		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)		
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
				20	40	60	80		20	40	60	80	
0.0	SANDY GRAVEL, trace silt -moist, medium dense, brown	☒	389					GW-GM					0.0
0.4m	SILTY SAND/SANDY SILT -moist to wet, soft, brown												
0.8m	GRAVELLY SAND, trace silt -moist, medium dense, brown												
2.8m	SILTY SAND, some gravel to GRAVELLY -moist medium dense, brown												
3.0m	End Of Hole @ 3.0m												
3.0m													
3.90		☒	390					SW-SM					
6.0													

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/18/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30017	
Donjek Services Ltd.		UTM ZONE: - N6767834 E640871		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				▲ PERCENT FINES ▲		◆ PERCENT SAND ◆			■ PERCENT GRAVEL ■		
				20	40					60	
0.0	SANDY GRAVEL, trace silt -dry to damp, medium dense, brown			PLASTIC M.C. LIQUID 20 40 60 80							0.0
0.5			391					GW-GM			-0.5
1.0											-1.0
1.5											-1.5
2.0			392					GP-GM			-2.0
2.5											-2.5
3.0	End Of Hole @ 3.0m										-3.0
3.5											-3.5
4.0											-4.0
4.5											-4.5
5.0											-5.0
5.5											-5.5
6.0											-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/18/04
		Fig. No: 177	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30018	
Donjek Services Ltd.		UTM ZONE: - N6767697 E640691		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
0.0	SANDY GRAVEL, trace silt -dry to damp, medium dense, brown										0.0
1.0			393				GP-GM				-0.5
1.2	GRAVELLY SAND, trace silt -damp, medium dense, brown										-1.0
2.0											-2.0
3.0	End Of Hole @ 3.0m		394				SW-SM				-2.5
4.0											-4.0
5.0											-5.0
6.0											-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/18/04
		Fig. No: 178	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30020	
Donjek Services Ltd.		UTM ZONE: - N6767452 E640351		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	GRAVELLY SAND, trace silt -damp to moist, medium dense, brown							0.0
1.0	SANDY GRAVEL -wet to saturated -pea gravels		397			SW-SM		-1.0
2.0	SILT, some sand -moist to wet, firm, grey -significant organics throughout (decomposed rootlets/grasses etc.)		398			ML		-2.0
3.0	End Of Hole @ 3.0m							-3.0
4.0								-4.0
5.0								-5.0
6.0								-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/18/04
		Fig. No: 180	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30021	
Donjek Services Ltd.		UTM ZONE: - N6767340 E640194		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SANDY SILT -damp to moist, medium dense, brown -variable silt & sand seams intermixed -organics noted throughout						0.0	
1.0			399	● ▲		■ ◆		
1.4	SILT, trace sand -moist to wet, soft to firm, grey -increase silt w/ depth -some organics noted							
2.0			400	● ▲		■ ◆		
3.0	End Of Hole @ 3.0m							
4.0								
5.0								
6.0							-6.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/18/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30022	
Donjek Services Ltd.		UTM ZONE: - N6767232 E640041		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲		USC	SOIL SYMBOL	PERCENT SAND ◆		PERCENT GRAVEL ■	ELEVATION(m)
				PLASTIC	M.C.						
0.0	SANDY SILT -moist to wet, soft to firm, brown -most sand present in seams to 75mm thick -organics noted throughout										0.0
1.0			401			ML					-1.0
2.0	SAND, some silt, trace gravel 1.5m -wet, medium dense, brown		402			SM					-2.0
3.0	SILT, trace sand 2.4m -moist, firm, grey w/ blue hue -non to low plastic		403			ML					-3.0
4.0	-End Of Hole @ 3.0m 3.0m										-4.0
5.0											-5.0
6.0											-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/18/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30023	
Donjek Services Ltd.		UTM ZONE: - N6767125 E639890		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)	
				PLASTIC		M.C.			PERCENT SAND		PERCENT GRAVEL		
				20	40	60			80	20	40		60
0.0	SANDY SILT -damp to moist, medium dense, brown -organics noted throughout											0.0	
			404				ML						
1.0												-1.0	
	SANDY SILT 1.2m -damp to moist, firm, brown w/ some grey seams		405				ML						
2.0												-2.0	
	SAND, trace to some silt 2.1m -saturated, medium dense, brown												
3.0												-3.0	
	SILT, some clay 2.7m -damp to moist, firm, grey w/ blue hue -non to low plastic												
	End Of Hole @ 3.0m 3.0m												
4.0												-4.0	
5.0												-5.0	
6.0												-6.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/18/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30024						
Donjek Services Ltd.		UTM ZONE: - N6766983 E639688		PROJECT NO: 8002-318						
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:						
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE										
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80		USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80		ELEVATION(m)
0.0	SILT, some sand, trace gravel -moist, soft to firm, brown	☒	406	●	▲	ML		◆	0.0	
1.0	GRAVELLY SAND 0.8m -wet, medium dense, brown								-1.0	
	SILT, some sand 1.1m -moist, soft to firm, brown									
2.0	SAND, some gravel, trace silt 1.5m -saturated, medium dense, brown	☒	407	▲	●	SW-SM		■	-2.0	
	SANDY SILT 2.1m -wet, soft to firm, grey/brown	☒	408	●	▲	ML		◆		
3.0	End Of Hole @ 3.0m 3.0m								-3.0	
4.0									-4.0	
5.0									-5.0	
6.0									-6.0	
J. R. Paine & Associates Ltd. Whitehorse, Yukon				LOGGED BY: RW		COMPLETION DEPTH: 3 m				
				REVIEWED BY:		COMPLETE: 08/18/04				
				Fig. No: 184		Page 1 of 1				

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30025	
Donjek Services Ltd.		UTM ZONE: - N6766885 E639558		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SANDY SILT/SILTY SAND -dry, medium dense, light brown							0.0
0.3	GRAVELLY SAND, trace silt -damp, medium dense, brown		409	▲		SW-SM	◆	
1.5	SANDY SILT, trace gravel -damp to moist, soft to firm, brown w/ grey & black seams -significant organic silts (black)		410	◆ ▲		ML	◆ ■	
2.8	SILT, some sand, trace gravel -damp to moist, firm to stiff, brown -non to low plastic							
3.0	End Of Hole @ 3.0m							
6.0								-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/18/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30026	
Donjek Services Ltd.		UTM ZONE: - N6766769 E639356		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	GRAVELLY SAND, trace silt -dry to damp, medium dense, brown							0.0
1.0			411	▲		SW-SM	◆	
1.5m	SILTY SAND -dry, medium dense, light brown/grey -powder like							
2.0			412	● ▲		SM	◆	
3.0	End Of Hole @ 3.0m							
4.0								
5.0								
6.0								-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/18/04
		Fig. No: 186	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30027	
Donjek Services Ltd.		UTM ZONE: - N6766735 E639213		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	GRAVELLY SAND -saturated, medium dense, brown	X	413	▲ ●	SW		■ ◆	0.0
1.2	SILTY SAND/SANDY SILT -saturated, soft, grey							
1.8	SILT, trace sand -moist, firm brown w/ some organic seams -some organic silts	X	414	● ▲	ML		◆ ◆	-2.0
2.7	SILTY GRAVELLY SAND -saturated, medium dense, brown							
3.0	End Of Hole @ 3.0m							
6.0								-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/19/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30028	
Donjek Services Ltd.		UTM ZONE: - N6766708 E639229		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	GRAVELLY SAND, trace silt -wet, medium dense, brown							0.0
0.5			415			SW-SM		
1.0								
2.0								
2.4	SILTY SAND, trace gravel -saturated, soft to firm, brown		416			SM		
3.0	End Of Hole @ 3.0m							
4.0								
5.0								
6.0								

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/19/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30029	
Donjek Services Ltd.		UTM ZONE: - N6766653 E639106		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
											20	
0.0	GRAVELLY SAND, trace silt -dry to damp, medium dense, brown											0.0
0.5			417	▲				SW-SM		◆		-0.5
2.1	GRAVELLY SAND, some silt -dry, dense, light brown											-2.1
2.6			418	●	▲			SM		◆	■	-2.6
3.0	End Of Hole @ 3.0m - Refusal											-3.0
4.0												-4.0
5.0												-5.0
6.0												-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30031	
Donjek Services Ltd.		UTM ZONE: - N6766525 E638926		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC M.C. LIQUID					PERCENT SAND PERCENT GRAVEL			
				20	40	60			20	40	60	
0.0	GRAVELLY SAND, trace silt -damp, medium dense, brown											0.0
1.0			421	●▲			SW-SM		■◆			-0.8
1.2	SILTY SAND, some gravel -damp, medium dense, brown -some decomposed wood		422	●▲			SM		■◆			-1.2
2.0												-2.0
2.1	SANDY GRAVEL, some silt -moist, medium dense, brown		423	●▲			GP-GM		■◆			-2.8
3.0	End Of Hole @ 3.0m											-3.0
4.0												-4.0
5.0												-5.0
6.0												-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/19/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30032	
Donjek Services Ltd.		UTM ZONE: - N6766403 E638808		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT GRAVEL ■			
										20	40	
0.0	SANDY GRAVEL, trace silt -damp, medium dense, brown											0.0
0.5			424				GW-GM					
1.0												
2.0												
2.4	SILTY SAND, trace gravel -moist, medium dense, brown -some decomposed organics (wood)		425				SM					
3.0	End Of Hole @ 3.0m											
4.0												
5.0												
6.0												

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30033	
Donjek Services Ltd.		UTM ZONE: - N6766235 E638653		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)	
				PLASTIC		M.C.			PERCENT SAND		PERCENT GRAVEL		
				20	40	60			80	20	40		60
0.0	SANDY GRAVEL -damp, medium dense, brown											0.0	
1.0			426				GW						
2.0	GRAVELLY SILTY SAND 1.5m -damp, medium dense, brown w/ some black organic seams		427				SM						
2.1	GRAVELLY SAND, some silt 2.1m -damp, medium dense, brown		428				SM						
3.0	End Of Hole @ 3.0m 3.0m												
4.0													
5.0													
6.0													

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
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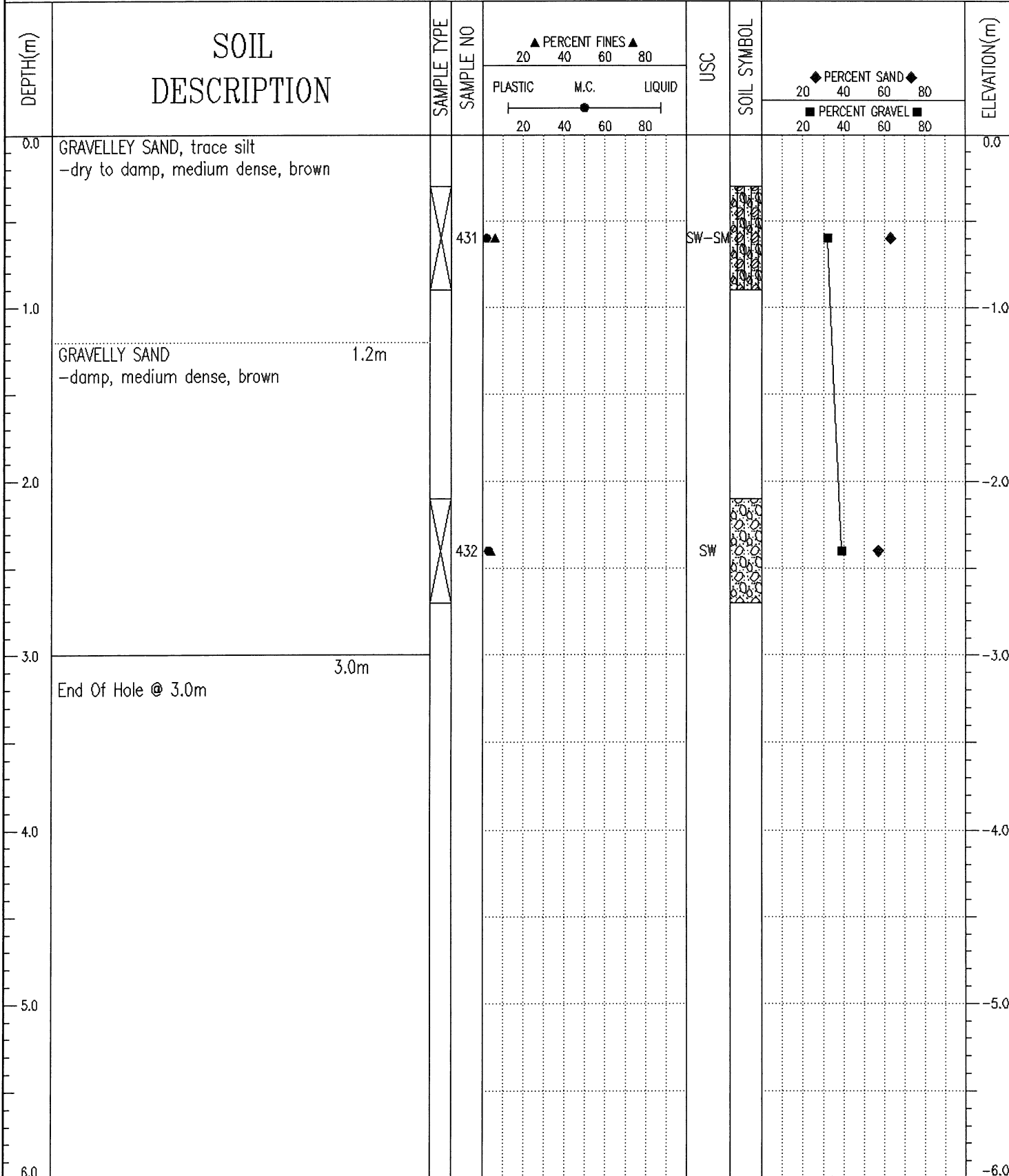
Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30034	
Donjek Services Ltd.		UTM ZONE: - N6766172 E638452		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	GRAVELLY SAND -damp, medium dense, brown											0.0
1.0			429				SW					
1.5	ORGANIC SILTS -damp to moist, soft, dark brown											
1.7	GRAVELLY SAND, trace silt -saturated, medium dense, brown		430				SW-SM					
2.0												
3.0	End Of Hole @ 3.0m											
4.0												
5.0												
6.0												

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
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Geotechnical Services	Km 1691.7 to 1717.3 Alaska Highway #1	TEST PIT NO: 30035
Donjek Services Ltd.	UTM ZONE: - N6766094 E638287	PROJECT NO: 8002-318
CME75 Drill on FN60 Flextrac Nodwell		ELEVATION:

SAMPLE TYPE	☒ RETURN	☒ S.P.T.	☒ AUGER	☐ BULK	☐ TUBE	☐ CORE
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J. R. Paine & Associates Ltd. Whitehorse, Yukon	LOGGED BY: RW	COMPLETION DEPTH: 3 m
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	Fig. No: 195	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30036	
Donjek Services Ltd.		UTM ZONE: - N6766043 E638094		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	GRAVELLY SAND -damp, medium dense, brown							0.0
0.5			433			SP		
1.0								
2.0								
2.1	SAND -wet, medium dense, brown		434			SW		
3.0	End Of Hole @ 3.0m							
4.0								
5.0								
6.0								

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY:	COMPLETE: 08/19/04
		Fig. No: 196	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30037	
Donjek Services Ltd.		UTM ZONE: - N6765969 E637902		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nadwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

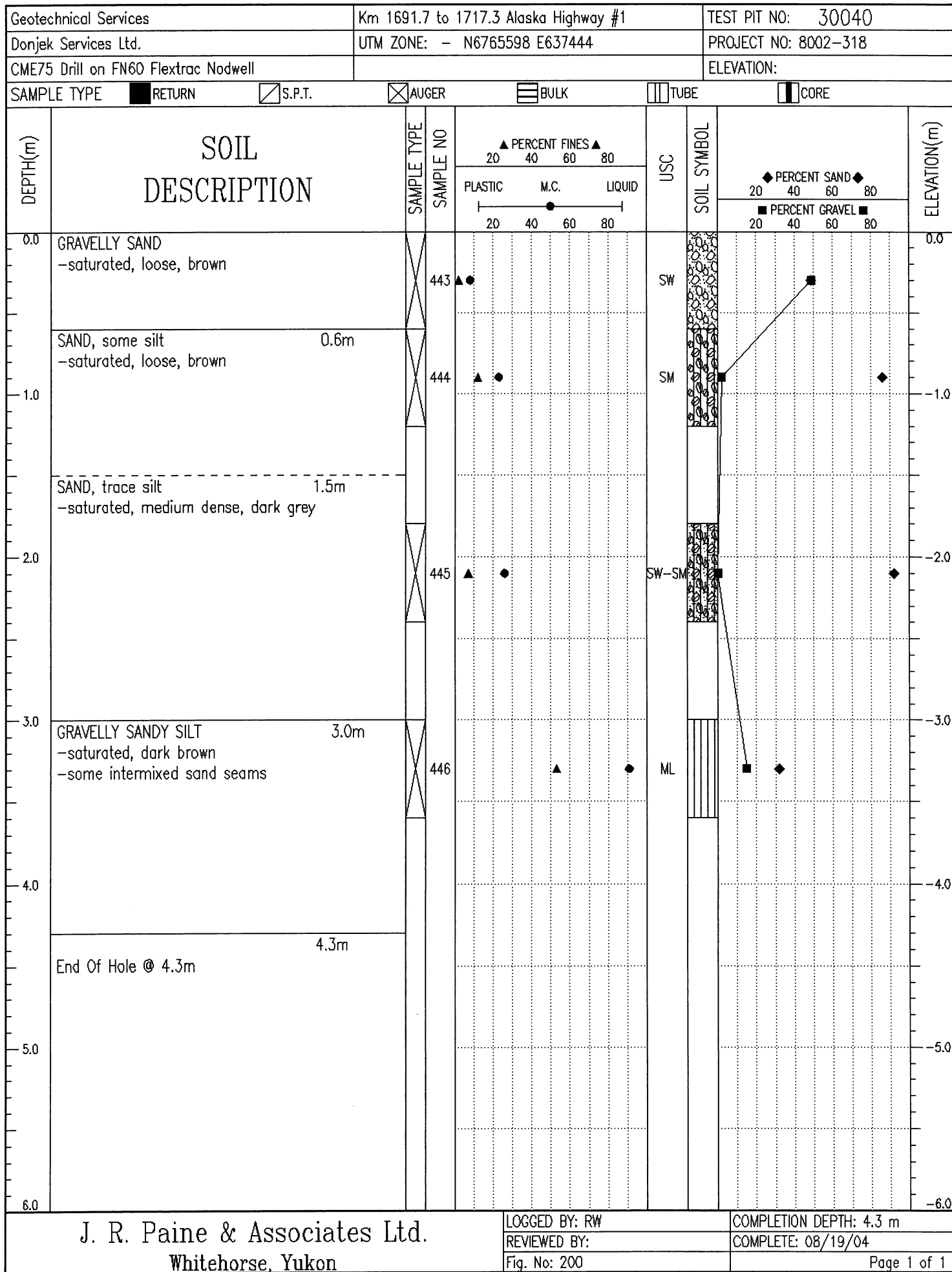
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	SILTY SAND, some gravel -wet, soft, dark brown -some organic silts to 0.6m depth											0.0
1.0			435				SM					-1.0
2.0	GRAVELLY SILTY SAND -wet, soft to firm, grey											-2.0
3.0			436				SM					-3.0
4.0			437				SM					-4.0
4.0	End Of Hole @ 4.0m - Refusal -refusal @ 4.0m - move north 2m											-4.0
5.0												-5.0
6.0												-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4 m
		REVIEWED BY:	COMPLETE: 08/19/04
		Fig. No: 197	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30038	
Donjek Services Ltd.		UTM ZONE: - N6765920 E637704		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	SILTY SAND, some gravel -damp, medium dense, brown											0.0
1.0			438				SM					
1.2	SILTY SANDY GRAVEL -damp, medium dense, brown											
2.0			439				GM					
3.0	GRAVELLY SAND, trace silt -saturated, medium dense, brown -pea gravels		440				SW-SM					
4.0	End Of Hole @ 4.0m											
5.0												
6.0												

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4 m
		REVIEWED BY:	COMPLETE: 08/19/04
		Fig. No: 198	Page 1 of 1



Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30041	
Donjek Services Ltd.		UTM ZONE: - N6765452 E637429		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	SPT(N)	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0									0.0
1.0									-1.0
2.0	SPT (N) @ 1.4m: 41+ -refusal at 10" SANDY GRAVEL/GRAVELLY SAND -dry to damp, medium dense, brown	☒	447			GP			-2.0
2.4	End Of Hole @ 2.4m - Refusal								-2.4
3.0	-refusal @ 2.4m - move north 2m								-3.0
4.0	-refusal @ 1.5m - move north 2m								-4.0
5.0	-refusal @ 1.8m - EOH								-5.0
6.0									-6.0
7.0									-7.0
8.0									-8.0
9.0									-9.0
10.0									-10.0
11.0									-11.0
12.0									-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 2.4 m
		REVIEWED BY:	COMPLETE: 08/20/04
		Fig. No: 201	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30042	
Donjek Services Ltd.		UTM ZONE: - N6765198 E637411		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	SPT(N)	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)	
					PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
0.0					20	40	60	80		20	40	60	80	0.0
1.0														-1.0
2.0	SPT (N) @ 1.4m: 18 GRAVELLY SAND, trace silt -saturated, medium dense, brown	☒	448	18					SW-SM					-2.0
3.0	SPT (N) @ 2.9m: 7 SILTY SAND -saturated, medium dense, grey/brown	☒	449	7					SM					-3.0
4.0														-4.0
5.0	SPT (N) @ 4.4m: 6 SILTY SAND -saturated, medium dense, grey/brown	☒	450	6					SM					-5.0
6.0														-6.0
7.0	SPT (N) @ 5.9m: 15 SILTY SAND, trace gravel -saturated, medium dense, brown	☒	451	15					SM					-7.0
8.0														-8.0
9.0	SPT (N) @ 7.5m: 7 GRAVELLY SILTY SAND -saturated, medium dense, brown	☒	452	7					SM					-9.0
10.0	SPT (N) @ 9.0m: 50 GRAVELLY SILTY SAND -damp to moist, dense, brown -some oxidation	☒	453	50					SM					-10.0
11.0	End Of Hole @ 9.9m - Refusal													-11.0
12.0														-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 9.9 m
		REVIEWED BY:	COMPLETE: 08/20/04
		Fig. No: 202	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30043	
Donjek Services Ltd.		UTM ZONE: - N6764763 E636827		PROJECT NO: 1002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	SPT(N)	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
					PLASTIC M.C. LIQUID								
					20	40	60			20	40	60	
0.0												0.0	
1.4	SPT (N) @ 1.4m: 69 -7" recovery due to gravels SANDY GRAVEL, some silt -saturated, medium dense, brown	☒	454	69	20	40	60	GM		20	40	60	-1.4
2.9	SPT (N) @ 2.9m: 16 SANDY SILT -saturated, medium dense, brown/grey	☒	455	16	20	40	60	ML		20	40	60	-2.9
4.4	SPT (N) @ 4.4m: 3 SILT, trace to some clay -saturated, soft, grey	☒	456	3	20	40	60	ML		20	40	60	-4.4
5.9	SPT (N) @ 5.9m: 4 SANDY SILT, some clay, trace gravel -saturated, soft, grey -non to low plastic	☒	457	4	20	40	60	ML		20	40	60	-5.9
7.5	SPT (N) @ 7.5m: 9 SILT, trace sand -saturated, soft, grey	☒	458	9	20	40	60	ML		20	40	60	-7.5
9.0	SPT (N) @ 9.0m: No (N) Value. -spoon pushed entire depth under weight of hammer. CLAYEY SILT -saturated, soft, grey	☒	459		20	40	60	ML		20	40	60	-9.0
10.5	SPT (N) @ 10.5m: No (N) Value. -spoon pushed entire depth under weight of hammer. CLAYEY SILT -saturated, soft, grey	☒	460		20	40	60	ML		20	40	60	-10.5
11.1												-11.1	
12.0												-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 11.1 m
		REVIEWED BY:	COMPLETE: 08/21/04
		Fig. No: 203	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30044	
Donjek Services Ltd.		UTM ZONE: - N6764727 E636668		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC M.C. LIQUID					20 40 60 80			
				20	40	60			20	40	60	
0.0	SILTY SAND, trace gravel -saturated, medium dense, grey	X	461				SM					0.0
1.2	SILTY GRAVELLY SAND -saturated, medium dense, brown	X	462				SM					-1.2
2.4	SILT, some sand, trace gravel -wet, soft to firm, grey -non to low plastic	X	462				ML					-2.4
4.0	SILTY SAND, some gravel -saturated, medium dense, grey	X	463				SM					-4.0
4.6	End Of Hole @ 4.6m											-4.6
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY:	COMPLETE: 08/21/04
		Fig. No: 204	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30045	
Donjek Services Ltd.		UTM ZONE: - N6764640 E636398		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)	
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
0.0	SAND -saturated, medium dense, grey		465	20	40	60	SM		20	40	60	80	0.0
0.3m	SILTY GRAVELLY SAND -saturated, medium dense, brown/grey			20	40	60			80	20	40	60	80
1.5m	SAND, trace to some silt -saturated, medium dense, grey		466	20	40	60	SW-SM		20	40	60	80	-1.5
2.0				20	40	60			80	20	40	60	80
4.0	SAND, some silt, trace gravel -saturated, medium dense, grey		467	20	40	60	SM		20	40	60	80	-4.0
4.6m	End Of Hole @ 4.6m			20	40	60			80	20	40	60	80

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY:	COMPLETE: 08/21/04
		Fig. No: 205	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30046	
Donjek Services Ltd.		UTM ZONE: - N6764571 E636230		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	SPT(N)	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)	
					PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
0.0					20	40	60	80		20	40	60	80	0.0
1.0														-1.0
1.4	SPT (N) @ 1.4m: 42 -6" recovery to gravels		468	42					SM					-1.4
2.0	SILTY GRAVELLY SAND -saturated, medium dense, grey/brown													-2.0
3.0														-3.0
2.9	SPT (N) @ 2.9m: 19 SANDY SILT -wet, soft to firm, grey		469	19					ML					-2.9
4.0														-4.0
4.4	SPT (N) @ 4.4m: 6 SILTY SAND, some gravel -wet, medium dense, brown/grey		470	6					SM					-4.4
5.0														-5.0
5.9	SPT (N) @ 5.9m: 12 SILTY SAND -wet, medium dense, grey		471	12					SM					-5.9
6.0														-6.0
6.6	End Of Hole @ 6.6m													-6.6
7.0														-7.0
8.0														-8.0
9.0														-9.0
10.0														-10.0
11.0														-11.0
12.0														-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 6.6 m
		REVIEWED BY:	COMPLETE: 08/21/04
		Fig. No: 206	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30047	
Donjek Services Ltd.		UTM ZONE: - N6764452 E636077		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE		☒ RETURN	☒ S.P.T.	☒ AUGER	☐ BULK
		☐ TUBE	☐ CORE		

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND		PERCENT GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			20	40	60	80	
0.0	GRAVELLY SAND, trace to some silt -saturated, medium dense, brown		472				SW-SM					0.0	
1.0												-1.0	
2.0			473				SW-SM					-2.0	
3.0												-3.0	
4.0	SILTY SAND -saturated, medium dense, grey		474				SM					-4.0	
5.0	End Of Hole @ 4.6m											-5.0	
6.0												-6.0	
7.0												-7.0	
8.0												-8.0	
9.0												-9.0	
10.0												-10.0	
11.0												-11.0	
12.0												-12.0	

LOGGED BY: RW

REVIEWED BY: -

Fig. No: 207

COMPLETION DEPTH: 4.6 m

COMPLETE: 08/21/04

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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30049	
Donjek Services Ltd.		UTM ZONE: - N6764453 E635652		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
0.0	SILT -moist to wet, soft to firm, brown -decomposed organics to 0.3m depth										0.0
0.6	CLAYEY SILT -moist to wet, soft to firm, grey -low plastic	X	475	20	40	80	ML	[Symbol]	20	80	-1.0
1.5	SILT, trace sand -wet, soft to firm, grey -fine grained sands	X	476	20	40	80	ML	[Symbol]	20	80	-2.0
2.5	CLAYEY SILT, trace sand -wet, firm, grey -low plastic	X	477	20	40	80	ML	[Symbol]	20	80	-3.0
3.7	SANDY SILT -moist to wet, firm, grey	X	478	20	40	80	ML	[Symbol]	20	80	-4.0
4.6	End Of Hole @ 4.6m										-5.0
6.0											-6.0
7.0											-7.0
8.0											-8.0
9.0											-9.0
10.0											-10.0
11.0											-11.0
12.0											-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY: -	COMPLETE: 08/21/04
		Fig. No: 208	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30050	
Donjek Services Ltd.		UTM ZONE: - N6764514 E635462		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆		PERCENT GRAVEL ■		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			20	40	60	80	
0.0	SILTY SAND/SANDY SILT -damp, medium dense, brown -organics noted to 0.3m (rootlets/grasses)											0.0	
0.6	SILT, trace sand -moist to wet, soft to firm, grey		479				ML					-1.0	
2.0			480				ML					-2.0	
3.0	SANDY SILT -moist, soft to firm, grey -fine grained sands		481				ML					-3.0	
3.6	SILT, trace sand -wet, soft, grey		482				ML					-4.0	
4.6	End Of Hole @ 4.6m											-5.0	
6.0												-6.0	
7.0												-7.0	
8.0												-8.0	
9.0												-9.0	
10.0												-10.0	
11.0												-11.0	
12.0												-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY: -	COMPLETE: 08/21/04
		Fig. No: 209	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30051	
Donjek Services Ltd.		UTM ZONE: - N6764643 E635301		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	SPT(N)	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)		
					PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
0.0					20	40	60	80		20	40	60	80	0.0
1.4	SPT (N) @ 1.4m: 9 SANDY SILT -saturated, grey	☒	483	9					ML					-1.4
2.9	SPT (N) @ 2.9m: 6 SILTY SAND -saturated, grey	☒	484	6					SM					-2.9
4.4	SPT (N) @ 4.4m: 5 SILTY SAND -saturated, grey	☒	485	5					SM					-4.4
5.9	SPT (N) @ 5.9m: 2 SILTY SAND -saturated, grey	☒	486	2					SM					-5.9
6.4	End Of Hole @ 6.4m													-6.4
7.0														-7.0
8.0														-8.0
9.0														-9.0
10.0														-10.0
11.0														-11.0
12.0														-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 6.4 m
		REVIEWED BY: -	COMPLETE: 08/22/04
		Fig. No: 210	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30052	
Donjek Services Ltd.		UTM ZONE: - N6764793 E635196		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	SPT(N)	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)		
					PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
					20	40	60	80		20	40	60	80	
0.0														0.0
1.0														-1.0
2.0	SPT (N) @ 1.4m: 14 SILTY SAND -saturated, grey	☒	487	14					SM					-2.0
3.0	SPT (N) @ 2.9m: No sample. Hollow stem infilled >1.0m													-3.0
4.0	SPT (N) @ 4.4m: No sample. Hollow stem infilled >1.0m													-4.0
5.0	End Of Hole @ 4.4m -hollows infilled @ 2.9m - move north 4m -hollows infilled @ 2.9 and 4.4m - EOH													-5.0
6.0														-6.0
7.0														-7.0
8.0														-8.0
9.0														-9.0
10.0														-10.0
11.0														-11.0
12.0														-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.4 m
		REVIEWED BY: -	COMPLETE: 08/25/04
		Fig. No: 211	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30053	
Donjek Services Ltd.		UTM ZONE: - N6764972 E635055		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	SPT(N)	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND		PERCENT GRAVEL		ELEVATION(m)
					PLASTIC	M.C.	LIQUID			20	40	60	80	
0.0													0.0	
1.0													-1.0	
2.0	SPT (N) @ 1.4m: 5 SILTY SAND -saturated, grey/brown	☒	488					SM					-2.0	
3.0	SPT (N) @ 2.9m: 6 SILTY SAND -saturated, grey/brown	☒	489					SM					-3.0	
4.0													-4.0	
5.0	SPT (N) @ 4.4m: No sample. Hollow stem infilled >1.0m												-5.0	
6.0	SPT (N) @ 5.0m: No sample. Hollow stem infilled 2.4m												-6.0	
7.0	5.9m End Of Hole @ 5.9m -Bit stuck in hollow due due to silt/sand plug infill												-7.0	
8.0													-8.0	
9.0													-9.0	
10.0													-10.0	
11.0													-11.0	
12.0													-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.9 m
		REVIEWED BY: -	COMPLETE: 08/25/04
		Fig. No: 212	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30054	
Donjek Services Ltd.		UTM ZONE: - N6765115 E634942		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	SPT(N)	USC	SOIL SYMBOL	ELEVATION(m)
0.0							0.0
1.0							-1.0
2.0	SPT (N) @ 1.4m: 8 SAND, some silt -saturated, brown/grey		490		SM		-2.0
3.0	SPT (N) @ 2.9m: No sample. Hollow stem infilled 0.8m						-3.0
4.0	End Of Hole @ 2.9m -move north 3m (redrill with solid stem)						-4.0
5.0							-5.0
6.0							-6.0
7.0							-7.0
8.0							-8.0
9.0							-9.0
10.0							-10.0
11.0							-11.0
12.0							-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 2.9 m
		REVIEWED BY: -	COMPLETE: 08/25/04
		Fig. No: 213	Page 1 of 1

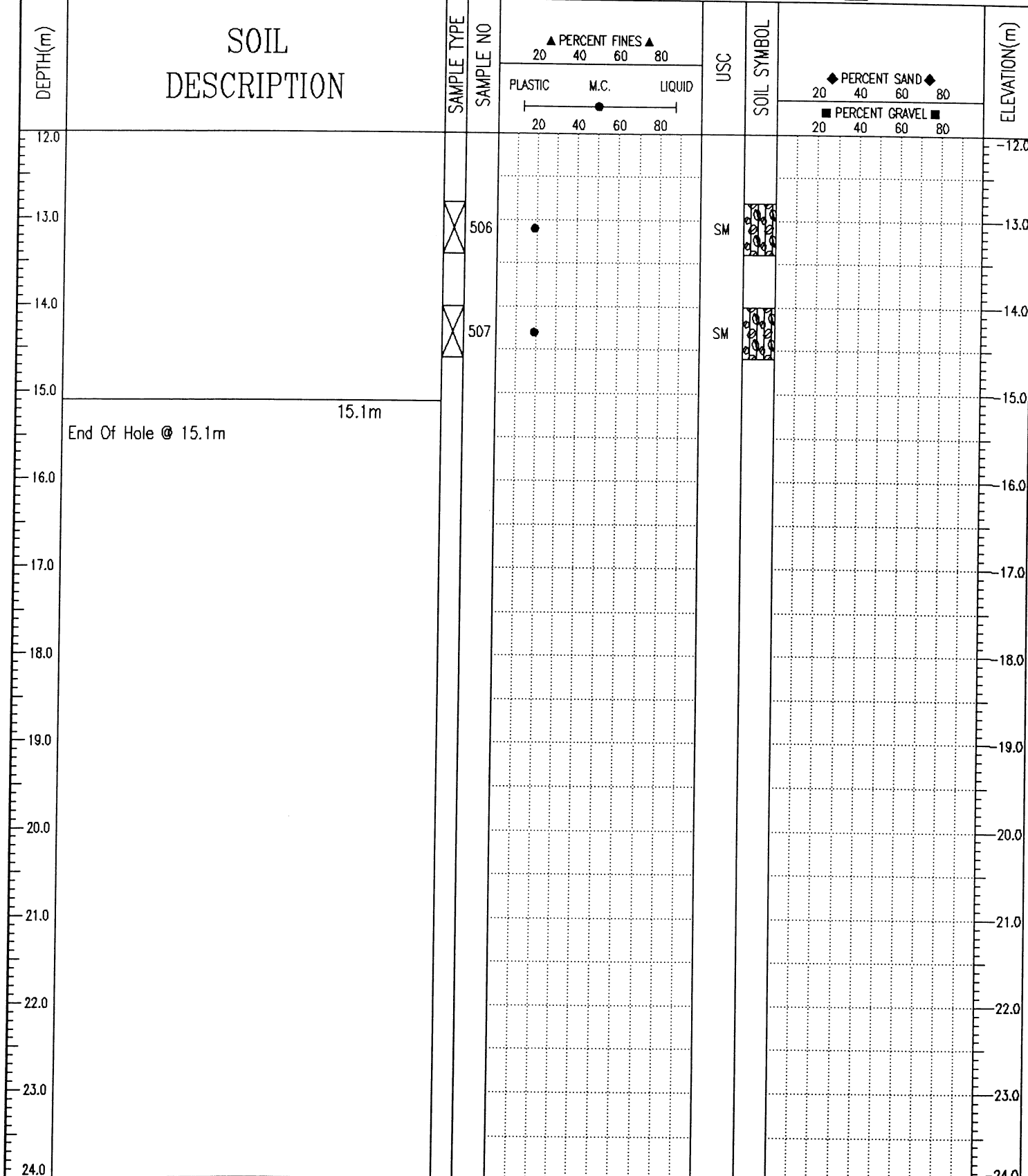
Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30055	
Donjek Services Ltd.		UTM ZONE: - N6765279 E634837		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE		☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE			

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PLASTIC M.C. LIQUID			USC	SOIL SYMBOL	PERCENT SAND PERCENT GRAVEL			ELEVATION(m)
				20	40	60			80	20	40	
0.0	SILT, some sand -moist to wet, soft to firm, brown w/ some grey seams -organics noted to 0.9m depth	X	498	20	40	60	80	ML	[Symbol]			0.0
1.0	SILT -wet to saturated, soft, grey	X	499	20	40	60	80	ML	[Symbol]			-1.0
2.0	SILTY SAND/SANDY SILT -saturated, soft, grey/brown -very soupy	X	500	20	40	60	80	ML	[Symbol]			-2.0
3.0	SILTY SAND/SANDY SILT -saturated, soft, grey/brown -silt seam noted @ 5.2m (200mm thick)	X	501	20	40	60	80	ML	[Symbol]			-3.0
4.0	SILTY SAND -saturated, medium dense, brown/grey	X	502	20	40	60	80	SM	[Symbol]			-4.0
5.0	SILTY SAND to SAND, some silt -saturated, medium dense, brown/grey -silt seam noted @ 11.0m (200mm thick) -silt seam noted @ 12.8m (200mm thick)	X	503	20	40	60	80	SM	[Symbol]			-5.0
6.0		X	504	20	40	60	80	SM	[Symbol]			-6.0
7.0		X	505	20	40	60	80	SM	[Symbol]			-7.0
8.0		X		20	40	60	80					-8.0
9.0		X		20	40	60	80					-9.0
10.0		X		20	40	60	80					-10.0
11.0		X		20	40	60	80					-11.0
12.0		X		20	40	60	80					-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 15.1 m
		REVIEWED BY: -	COMPLETE: 08/26/04
		Fig. No: 215	Page 1 of 2

Geotechnical Services	Km 1691.7 to 1717.3 Alaska Highway #1	TEST PIT NO: 30055
Donjek Services Ltd.	UTM ZONE: - N6765279 E634837	PROJECT NO: 8002-318
CME75 Drill on FN60 Flextrac Nodwell		ELEVATION:

SAMPLE TYPE	☒ RETURN	☒ S.P.T.	☒ AUGER	☐ BULK	☐ TUBE	☐ CORE
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J. R. Paine & Associates Ltd. Whitehorse, Yukon	LOGGED BY: RW	COMPLETION DEPTH: 15.1 m
	REVIEWED BY: -	COMPLETE: 08/26/04
	Fig. No: 215	Page 2 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30056	
Donjek Services Ltd.		UTM ZONE: - N6765296 E634757		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
											20	
0.0	SANDY GRAVELLY SILT -saturated, medium dense, brown		528	•			ML					0.0
1.5	SAND, trace to some silt -saturated, medium dense, brown		529	•			SP-SM					-1.5
4.0			530	•			SP-SM					-4.0
5.0			531	•			SP-SM					-5.0
6.4	SANDY SILT/SILTY SAND -saturated, soft, brown -some silt seams to 300mm thick		532	•			ML					-6.4
8.0			533	•			ML					-8.0
9.1	SAND, some silt -saturated, medium dense, brown		534	•			SM					-9.1
11.0			535	•			SM					-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 15.2 m
		REVIEWED BY: -	COMPLETE: 08/27/04
		Fig. No: 216	Page 1 of 2

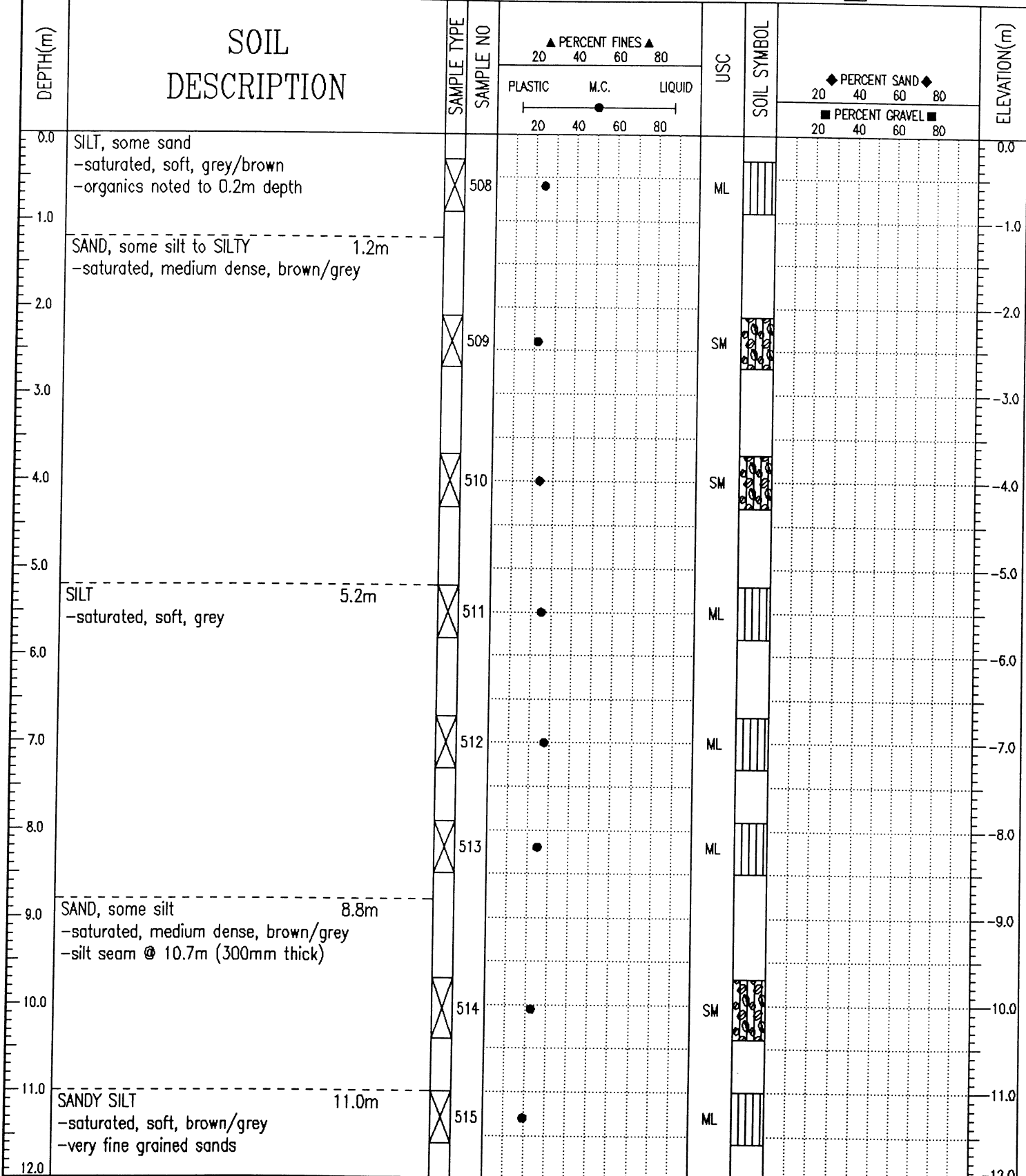
Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30056	
Donjek Services Ltd.		UTM ZONE: - N6765296 E634757		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND			PERCENT GRAVEL			ELEVATION(m)
				20 40 60 80					20 40 60 80			20 40 60 80			
				PLASTIC	M.C.	LIQUID									
12.0														-12.0	
12.5	SILTY SAND														
13.0	-saturated, medium dense, brown -some silt seams to 200mm thick	X	536				SM							-13.0	
14.0	SAND, trace to some silt	X	537				SP-SM							-14.0	
14.5	-saturated, medium dense, brown														
15.0														-15.0	
15.2	End of Hole @ 15.2m													-15.2	
16.0														-16.0	
17.0														-17.0	
18.0														-18.0	
19.0														-19.0	
20.0														-20.0	
21.0														-21.0	
22.0														-22.0	
23.0														-23.0	
24.0														-24.0	

J. R. Paine & Associates Ltd.		LOGGED BY: RW	COMPLETION DEPTH: 15.2 m
Whitehorse, Yukon		REVIEWED BY: -	COMPLETE: 08/27/04
		Fig. No: 216	Page 2 of 2

Geotechnical Services	Km 1691.7 to 1717.3 Alaska Highway #1	TEST PIT NO: 30057
Donjek Services Ltd.	UTM ZONE: - N6765406 E634728	PROJECT NO: 8002-318
CME75 Drill on FN60 Flextrac Nodwell		ELEVATION:

SAMPLE TYPE	☒ RETURN	☒ S.P.T.	☒ AUGER	☐ BULK	☐ TUBE	☐ CORE
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J. R. Paine & Associates Ltd.
Whitehorse, Yukon

LOGGED BY: RW
REVIEWED BY:
Fig. No: 217

COMPLETION DEPTH: 30.3 m
COMPLETE: 08/26/04

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30057	
Donjek Services Ltd.		UTM ZONE: - N6765406 E634728		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
											20	
12.0												-12.0
13.0	SAND, some silt to SILTY -saturated, medium dense, brown/grey	X	516				SM					-13.0
14.0		X	517				SM					-14.0
15.0												-15.0
16.0		X	518				SM					-16.0
17.0		X	519				SM					-17.0
18.0												-18.0
19.0		X	520				SM					-19.0
20.0		X	521				SM					-20.0
21.0												-21.0
22.0	SILT -saturated, soft, grey -non to low plastic	X	522				ML					-22.0
23.0		X	523				ML					-23.0
24.0												-24.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 30.3 m
		REVIEWED BY:	COMPLETE: 08/26/04
		Fig. No: 217	Page 2 of 3

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30057	
Donjek Services Ltd.		UTM ZONE: - N6765406 E634728		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
24.0	SILT -saturated, soft to firm, grey -low plastic 24.4m						-24.0	
25.0		☒	524	●	ML	▨	-25.0	
26.0		☒	525	●	ML	▨	-26.0	
27.0		☒	526	●	ML	▨	-27.0	
28.0		☒	527	●	ML	▨	-28.0	
29.0							-29.0	
30.0							-30.0	
31.0	End Of Hole @ 30.3m						-31.0	
32.0							-32.0	
33.0							-33.0	
34.0							-34.0	
35.0							-35.0	
36.0							-36.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 30.3 m
		REVIEWED BY: -	COMPLETE: 08/26/04
		Fig. No: 217	Page 3 of 3

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30058	
Donjek Services Ltd.		UTM ZONE: - N6765412 E634679		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
				20 40 60 80	20 40 60 80	20 40 60 80			20 40 60 80	20 40 60 80	
0.0	SILT, some sand -wet, soft to firm, grey/brown -organics noted to 0.6m depth	X	538				ML			0.0	
1.0	SILTY GRAVEL, some sand 1.2m -saturated, soft, grey/brown -grindy drilling	X	539				GM			-1.0	
2.0	SAND, trace silt 2.1m -saturated, medium dense, brown	X	540				SP-SM			-2.0	
3.0		X	541				ML			-3.0	
4.0	SILT, some clay 4.9m -saturated, soft to firm, grey -non to low plastic	X	542				SP-SM			-4.0	
5.0	SAND, trace silt 5.9m -saturated, medium dense, brown	X	543				SP-SM			-5.0	
6.0		X	544				SP-SM			-6.0	
7.0		X	545				SP-SM			-7.0	
8.0		X								-8.0	
9.0		X								-9.0	
10.0		X								-10.0	
11.0		X								-11.0	
12.0	SILTY SAND/SANDY SILT 11.6m	X								-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 30.5 m
		REVIEWED BY: -	COMPLETE: 08/28/04
		Fig. No: 218	Page 1 of 3

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30058	
Donjek Services Ltd.		UTM ZONE: - N6765412 E634679		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
12.0	-saturated, soft, brown/grey										-12.0
13.0		X	546				ML				-13.0
14.0	SILT, trace to some sand, some clay 13.7m -saturated, soft, brown/grey -non to low plastic	X	547				ML				-14.0
15.0											-15.0
16.0	SAND, some silt to SILTY 15.4m -saturated, medium dense, brown -some silt seams (200mm thick)	X	548				SM				-16.0
17.0											-17.0
18.0	SAND, trace to some silt 17.4m -saturated, medium dense, brown	X	549				SP-SM				-18.0
19.0		X	550				SP-SM				-19.0
20.0		X	551				SP-SM				-20.0
21.0											-21.0
22.0											-22.0
23.0	SILT 22.9m -saturated, soft, grey -non to low plastic	X	552				ML				-23.0
24.0											-24.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 30.5 m
		REVIEWED BY: -	COMPLETE: 08/28/04
		Fig. No: 218	Page 2 of 3

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30058	
Donjek Services Ltd.		UTM ZONE: - N6765412 E634679		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
24.0			552				ML				-24.0	
24.4	SILT, trace to some clay											
25.0	-saturated, soft to firm, grey											
	-low plastic		553				ML				-25.0	
26.0	CLAYEY SILT										-26.0	
	-wet to saturated, soft to firm, grey											
	-low plastic		554				ML				-27.0	
27.0											-28.0	
28.0											-29.0	
29.0											-30.0	
30.0											-31.0	
30.5	End Of Hole @ 30.5m										-32.0	
31.0											-33.0	
32.0											-34.0	
33.0											-35.0	
34.0											-36.0	
35.0												
36.0												

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 30.5 m
		REVIEWED BY: -	COMPLETE: 08/28/04
		Fig. No: 218	Page 3 of 3

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30059	
Donjek Services Ltd.		UTM ZONE: - N6765507 E634609		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC M.C. LIQUID								
				20 40 60 80	20 40 60 80	20 40 60 80			20 40 60 80	20 40 60 80	20 40 60 80	
0.0	SANDY SILT -dry to damp, medium dense, light brown -boulder fill along river bank -organics throughout -very grindy due to boulder fill SILT, some sand -wet to saturated, soft, brown/grey	X	557				ML				0.0	
1.0		X	558				ML				-1.0	
2.0		X	559				SM				-2.0	
3.0	SAND, trace to some silt -saturated, medium dense, brown/grey	X	560				ML				-3.0	
4.0		X	561				SP				-4.0	
5.0	SILT -saturated, soft, grey	X	562				SP				-5.0	
6.0		X	563				ML				-6.0	
7.0	SAND -saturated, medium dense, brown -minimal material on flights for samples #561 & #562 (flights washed clean)	X									-7.0	
8.0		X									-8.0	
9.0		X									-9.0	
10.0		X									-10.0	
11.0	SILT, trace to some clay -saturated, soft, grey -non to low plastic	X									-11.0	
12.0		X									-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 30.3 m
		REVIEWED BY: -	COMPLETE: 08/28/04
		Fig. No: 219	Page 1 of 3

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30059				
Donjek Services Ltd.		UTM ZONE: - N6765507 E634609		PROJECT NO: 8002-318				
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:				
SAMPLE TYPE		RETURN	S.P.T.	AUGER	BULK	TUBE	CORE	
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	PERCENT SAND 20 40 60 80 PERCENT GRAVEL 20 40 60 80	ELEVATION(m)
12.0	SAND, trace to some silt 12.2m -saturated, medium dense, brown/grey -minimal material on flights for sample #564 (flights washed clean)		564		SP-SM			-12.0
13.0			565		SP-SM			-13.0
14.0			566		SP-SM			-14.0
15.0			567		SP-SM			-15.0
16.0			568		SP-SM			-16.0
17.0			569		ML			-17.0
18.0			570		ML			-18.0
19.0			571		ML			-19.0
20.0	SILTY SAND/SANDY SILT 20.1m -saturated, medium dense, brown/grey -increase silt w/ depth		569		ML			-20.0
21.0			570		ML			-21.0
22.0			571		ML			-22.0
23.0	SILT 22.9m -saturated, soft, grey		571		ML			-23.0
24.0								-24.0

J. R. Paine & Associates Ltd.
Whitehorse, Yukon

LOGGED BY: RW	COMPLETION DEPTH: 30.3 m
REVIEWED BY: -	COMPLETE: 08/28/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30059	
Donjek Services Ltd.		UTM ZONE: - N6765507 E634609		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
24.0	SILT -saturated, soft to firm, grey 24.4m											-24.0
25.0			572				ML					-25.0
26.0			573				ML					-26.0
27.0												-27.0
28.0			574				ML					-28.0
29.0												-29.0
30.0			575				ML					-30.0
31.0	End Of Hole @ 30.3 30.3m											-31.0
32.0												-32.0
33.0												-33.0
34.0												-34.0
35.0												-35.0
36.0												-36.0

J. R. Paine & Associates Ltd.		LOGGED BY: RW	COMPLETION DEPTH: 30.3 m
Whitehorse, Yukon		REVIEWED BY: -	COMPLETE: 08/28/04
		Fig. No: 219	Page 3 of 3

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30061	
Donjek Services Ltd.		UTM ZONE: - N6765562 E634611		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC M.C. LIQUID					PERCENT SAND	PERCENT GRAVEL	
				20 40 60 80	20 40 60 80	20 40 60 80					
0.0	SANDY GRAVEL/GRAVELLY SAND, some silt -damp to moist, medium dense, brown	X	576	●			GP-GM			0.0	
0.6	SILT, some sand to SANDY -moist to wet, soft, brown/grey	X	577	●			ML			-1.0	
2.4	SAND, trace to some silt -saturated, medium dense, brown	X	578	●			SP-SM			-3.0	
4.0		X	579	●			SP-SM			-4.0	
5.0		X	580	●			SP-SM			-5.0	
6.1	SAND, some silt -saturated, medium dense, brown -fine grained sands	X	581	●			SM			-7.0	
8.0		X	582	●			SM			-8.0	
10.0		X	583	●			SM			-10.0	
10.1	SILT -saturated, soft, grey -non to low plastic	X	584	●			ML			-11.0	
12.0										-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 30.3 m
		REVIEWED BY: -	COMPLETE: 08/29/04
		Fig. No: 220	Page 1 of 3

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30061	
Donjek Services Ltd.		UTM ZONE: - N6765562 E634611		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC M.C. LIQUID					PERCENT SAND			
				20	40	60			20	40	60	
12.0	SAND, some silt -saturated, medium dense, brown -fine grained sands											-12.0
13.0		X	585				SM					-13.0
14.0		X	586				SM					-14.0
15.0												-15.0
16.0		X	587				SM					-16.0
17.0		X	588				SM					-17.0
18.0												-18.0
19.0		X	589				SM					-19.0
20.0	SILT, trace to some clay -wet to saturated, soft, grey	X	590				ML					-20.0
21.0												-21.0
22.0		X	591				ML					-22.0
23.0												-23.0
24.0	SANDY SILT/SILTY SAND -saturated, soft, brown/grey -silt & sand seams intermixed	X	592				ML					-24.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 30.3 m
		REVIEWED BY: -	COMPLETE: 08/29/04
		Fig. No: 220	Page 2 of 3

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30061	
Donjek Services Ltd.		UTM ZONE: - N6765562 E634611		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
24.0											-24.0
25.0	SILT, trace to some clay -wet to saturated, soft to firm, grey		593				ML				-25.0
26.0			594				ML				-26.0
27.0											-27.0
28.0	SANDY SILT -saturated, soft, grey		595				ML				-28.0
29.0	SILT, trace to some clay -wet to saturated, soft to firm, grey		596				ML				-29.0
30.0											-30.0
30.3	End Of Hole @ 30.3m										-30.3
31.0											-31.0
32.0											-32.0
33.0											-33.0
34.0											-34.0
35.0											-35.0
36.0											-36.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 30.3 m
		REVIEWED BY: -	COMPLETE: 08/29/04
		Fig. No: 220	Page 3 of 3

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30062	
Donjek Services Ltd.		UTM ZONE: - N6765721 E634495		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)	
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
0.0	SAND, some silt to SILTY -damp to moist, medium dense, brown	☒	597	20	40	60	SM		20	40	60	80	0.0
0.6	SILT, some sand to SANDY -damp, soft to firm, light brown												
1.5	AS ABOVE -wet to saturated -sand seam noted @ 2.1m (200mm thick)	☒	598	20	40	60	ML						
2.4	SILT -saturated, soft, grey												
3.0	SAND, trace silt -saturated, medium dense, brown -silt seam noted @ 5.3m (300mm thick)	☒	599	20	40	60	SP-SM						
4.0		☒	600	20	40	60	SP-SM						
6.1	SILT -saturated, soft, grey	☒	601	20	40	60	ML						
7.6	SAND, trace silt -saturated, medium dense, brown	☒	602	20	40	60	SP-SM						
8.2	SILTY SAND/SANDY SILT -saturated, soft, brown/grey -variable silt and sand seams												
10.0		☒	603	20	40	60	ML						
11.0	SAND, trace to some silt -saturated, medium dense, brown	☒	604	20	40	60	SP-SM						
12.0													

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 15.1 m
		REVIEWED BY: -	COMPLETE: 08/29/04
		Fig. No: 221	Page 1 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30062	
Donjek Services Ltd.		UTM ZONE: - N6765721 E634495		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
12.0	SAND, some silt to SILTY -saturated, medium dense, brown							-12.0
13.0		X	605	•		SM		-13.0
14.0		X	606	•		SM		-14.0
15.0	End Of Hole @ 15.1m							-15.0
16.0								-16.0
17.0								-17.0
18.0								-18.0
19.0								-19.0
20.0								-20.0
21.0								-21.0
22.0								-22.0
23.0								-23.0
24.0								-24.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 15.1 m
		REVIEWED BY: -	COMPLETE: 08/29/04
		Fig. No: 221	Page 2 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30063	
Donjek Services Ltd.		UTM ZONE: - N6765883 E634376		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆			ELEVATION(m)
				PLASTIC M.C. LIQUID					PERCENT GRAVEL ■			
				20	40	60			20	40	60	
0.0	SAND, some silt to SILTY -damp, medium dense, brown											0.0
0.5m	SILT, some sand -wet to saturated, soft to firm, brown		607				ML					-1.0
1.8m	SAND, trace silt -saturated, medium dense, brown		608				SP-SM					-2.0
4.0			609				SP-SM					-4.0
5.0			610				SP-SM					-5.0
5.5m	SILT -saturated, soft, grey											-6.0
7.0			611				ML					-7.0
7.6m	SILTY SAND -saturated, medium dense, brown/grey		612				SM					-8.0
8.8m	SILT -saturated, soft, grey											-9.0
9.5m	SILTY SAND -saturated, medium dense, brown/grey		613				SM					-10.0
11.0			614				SM					-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 15.1 m
		REVIEWED BY: -	COMPLETE: 08/29/04
		Fig. No: 222	Page 1 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30063	
Donjek Services Ltd.		UTM ZONE: - N6765883 E634376		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80			USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80		ELEVATION(m)
12.0									-12.0		
13.0		☒	615	•			SM		-13.0		
14.0	SILT, some sand to SILTY 13.7m -saturated, soft, grey w/ brown -variable seams of silts and sands intermixed	☒	616	•			ML		-14.0		
15.0	End Of Hole @ 15.1m 15.1m								-15.0		
16.0									-16.0		
17.0									-17.0		
18.0									-18.0		
19.0									-19.0		
20.0									-20.0		
21.0									-21.0		
22.0									-22.0		
23.0									-23.0		
24.0									-24.0		

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 15.1 m
		REVIEWED BY: -	COMPLETE: 08/29/04
		Fig. No: 222	Page 2 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30064	
Donjek Services Ltd.		UTM ZONE: - N6766041 E634253		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)	
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
				20	40	60	80		20	40	60	80	
0.0	SAND, some silt -damp, medium dense, brown												0.0
0.5	SILT, some sand -moist to wet, soft to firm, brown		617					ML					-1.0
2.1	SAND, trace silt -saturated, medium dense, brown -decomposing organic seam noted @ 3.6m (200mm thick) -finer sands @ 6.5m		618					SP-SM					-2.0
			619					SP-SM					-4.0
			620					SP-SM					-5.0
			621					SP-SM					-7.0
			622					SP-SM					-8.0
			623					SP-SM					-10.0
10.5	End Of Hole @ 10.5m												-11.0
12.0													-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 10.5 m
		REVIEWED BY: -	COMPLETE: 08/29/04
		Fig. No: 223	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30065	
Donjek Services Ltd.		UTM ZONE: - N6766211 E634121		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
0.0	SAND, some gravel, some silt to SILTY -damp, medium dense, brown										0.0
0.4	SILT, trace to some sand -moist to wet, soft to firm, brown		624				ML				-0.4
1.2	SAND, trace silt -moist, medium dense, brown		625				SP-SM				-1.2
4.6	SAND, trace to some silt -saturated, medium dense, brown		627				SM				-4.6
7.6	SILTY SAND/SANDY SILT -saturated, medium dense, brown/grey -variable seams of silt & sand		629				SM				-7.6
9.1	SILT -saturated, soft, grey		630				ML				-9.1
10.5	End Of Hole @ 10.5m										-10.5

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 10.5 m
		REVIEWED BY:	COMPLETE: 08/30/04
		Fig. No: 224	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30066	
Donjek Services Ltd.		UTM ZONE: - N6766381 E633993		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	SAND, some gravel, some silt -damp, medium dense, brown											0.0
0.3m	SILT, trace to some sand -damp to moist, soft to firm, brown		631				ML					-1.0
1.2m	SILT -moist to wet, soft to firm, grey		632				ML					-2.0
2.4m	SAND, trace silt -saturated, medium dense, brown/grey											-3.0
4.4m	SILT, some sand -saturated, soft, grey		634				ML					-5.0
5.2m	SAND, trace silt -saturated, medium dense, brown/grey											-6.0
7.6m	SILT, trace to some clay -saturated, soft, grey		636				ML					-8.0
10.5m	End Of Hole @ 10.5m		637				ML					-11.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 10.5 m
		REVIEWED BY: -	COMPLETE: 08/30/04
		Fig. No: 225	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30067	
Donjek Services Ltd.		UTM ZONE: - N6766554 E633887		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	SILT, trace to some sand -moist, firm, brown											0.0
1.0			638				ML					-1.0
1.2	SILTY SAND 1.2m -damp, medium dense, brown											
2.0	SILT, trace clay 1.8m -moist to wet, soft to firm, grey											-2.0
2.1	SAND, trace silt 2.1m -moist to wet, medium dense, brown		639				SP-SM					-2.1
3.0	SAND, some silt to SILTY 3.0m -saturated, medium dense, brown/grey -fine grained sands											-3.0
4.0			640				SM					-4.0
5.0			641				SM					-5.0
5.9	End Of Hole @ 5.9m											-5.9
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.9 m
		REVIEWED BY: -	COMPLETE: 08/30/04
		Fig. No: 226	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30068	
Donjek Services Ltd.		UTM ZONE: - N6766749 E633842		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
0.0	SILT, trace to some sand -damp to moist, soft to firm, brown										0.0
1.0	SANDY SILT 1.2m -damp to moist, medium dense, brown -fine grained sands		642				ML				-1.0
2.0	SAND, trace silt 1.8m -moist to wet, medium dense, brown										-2.0
3.0	SAND, some silt 3.0m -saturated, medium dense, brown/grey -fine grained sands		643				SP-SM				-3.0
4.0			644				SM				-4.0
5.0	SILT 5.0m -saturated, soft, grey		645				ML				-5.0
6.0	End Of Hole @ 5.9m										-6.0
7.0											-7.0
8.0											-8.0
9.0											-9.0
10.0											-10.0
11.0											-11.0
12.0											-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.9 m
		REVIEWED BY: -	COMPLETE: 08/30/04
		Fig. No: 227	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30069	
Donjek Services Ltd.		UTM ZONE: - N6766937 E633865		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	SILT -damp to moist, firm, grey											0.0
0.4	SAND, trace silt		646				SP-SM					-0.4
1.0	-damp to moist, medium dense, brown											-1.0
1.2	SILT -moist, soft to firm, grey											-1.2
1.7	SAND, trace to some silt		647				SM					-1.7
	-saturated, medium dense, brown											
4.0			648				SM					-4.0
5.0			649				SM					-5.0
5.9	End Of Hole @ 5.9m											-5.9
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.9 m
		REVIEWED BY: -	COMPLETE: 08/30/04
		Fig. No: 228	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30070	
Donjek Services Ltd.		UTM ZONE: - N6767128 E633921		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SILT, some sand -damp to moist, soft to firm, brown -organics noted to 0.3m depth	X	650	●	ML			0.0
1.0	GRAVEL, some sand, some silt 1.2m -saturated, medium dense, brown -grindy drilling	X	651	●	GM			-1.0
2.0	-silt contamination from sidewalls -broken/angular gravels to 40mm dia.	X						-2.0
3.0	SANDY SILTY GRAVEL 2.8m -saturated, medium dense, brown/grey	X	652	●	GM			-3.0
4.0		X	653	●	GM			-4.0
5.0		X			GM			-5.0
6.0	End Of Hole @ 5.9m 5.9m							-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.9 m
		REVIEWED BY: -	COMPLETE: 08/30/04
		Fig. No: 229	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30072	
Glacier Drilling		UTM ZONE: - N6768366 E634882		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe		Soldier Summit		ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	Cobbles & Boulders, some silt, some sand -boulders to 1.0m dia. encountered -fracturing rock -boulders to 3.0m dia. adjacent to testpit on surface							0.0
1.0								-1.0
2.0								-2.0
3.0								-3.0
4.0								-4.0
5.0								-5.0
5.3	End Of Hole @ 5.3m							-5.3
6.0								-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon	LOGGED BY: RW	COMPLETION DEPTH: 5.3 m
	REVIEWED BY: -	COMPLETE: 07/26/04
	Fig. No: 148	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30073	
Glacier Drilling		UTM ZONE: - N6768367 E635014		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe		Soldier Summit		ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	BOULDERS/COBBLES -some surficial organics							0.0
	BOULDERS/COBBLES, some sand & silt 0.3m -boulders to 0.5m in dia. -boulders 30 to 40% by Vol.							
1.0								-1.0
2.0								-2.0
3.0								-3.0
4.0								-4.0
5.0								-5.0
5.3	End Of Hole @ 5.3m							-5.3
6.0								-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon	LOGGED BY: MF	COMPLETION DEPTH: 5.3 m
	REVIEWED BY: -	COMPLETE: 07/29/04
	Fig. No: 149	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30074	
Glacier Drilling		UTM ZONE: - N6768449 E634943		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe		Soldier Summit		ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)		
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL				
				20	40	60	80			20	40	60	80	
0.0	BOULDERS/COBBLES -some surficial organics													0.0
	BOULDERS/COBBLES, some silt 0.3m -boulders encountered to 1.0m in dia. -boulders and cobbles 40 to 50% by Vol.													
1.0														-1.0
2.0														-2.0
3.0														-3.0
4.0														-4.0
5.0														-5.0
5.2	End Of Hole @ 5.2m													-5.2
6.0														-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: MF	COMPLETION DEPTH: 5.2 m
		REVIEWED BY: -	COMPLETE: 07/29/04
		Fig. No: 150	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30075	
Glacier Drilling		UTM ZONE: - N6768519 E634961		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe		Soldier Summit		ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	BOULDERS/COBBLES -some surficial organics							0.0
	BOULDERS/COBBLES, trace silt & sand 0.3m -boulders encountered to 1.0m in dia. -boulders and cobbles 40 to 50% by Vol.							
1.0								-1.0
2.0								-2.0
3.0								-3.0
4.0								-4.0
5.0								-5.0
5.4	End Of Hole @ 5.4m							-5.4
6.0								-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: MF	COMPLETION DEPTH: 5.4 m
		REVIEWED BY: -	COMPLETE: 07/29/04
		Fig. No: 151	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30076	
Glacier Drilling		UTM ZONE: - N6768523 E635054		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe		Soldier Summit		ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	BOULDERS/COBBLES -some surficial organics							0.0
0.3	BOULDERS/COBBLES, some silt & sand -boulders encountered to 1.0m in dia. -boulders and cobbles 30 to 40% by Vol.							
1.5	SANDY GRAVEL, trace to some silt -damp, dense, brown/grey -boulders 20 to 30% by Vol.							
2.0								-2.0
3.0								-3.0
4.0			S1			GP-GM		-4.0
5.0								-5.0
5.4	End Of Hole @ 5.4m							-6.0

J. R. Paine & Associates Ltd.
Whitehorse, Yukon

LOGGED BY: MF

REVIEWED BY: -

Fig. No: 152

COMPLETION DEPTH: 5.4 m

COMPLETE: 07/29/04

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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30077	
Glacier Drilling		UTM ZONE: - N6768591 E634972		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe		Soldier Summit		ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	BOULDERS/COBBLES -some surficial organics BOULDERS/COBBLES, some silt & sand 0.2m -boulders encountered to 1.0m in dia. -boulders and cobbles 30 to 40% by Vol.							0.0
1.0								-1.0
2.0								-2.0
3.0								-3.0
4.0								-4.0
5.0								-5.0
5.1	End Of Hole @ 5.1m							-5.1
6.0								-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: MF	COMPLETION DEPTH: 5.1 m
		REVIEWED BY: -	COMPLETE: 07/31/04
		Fig. No: 153	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30078	
Glacier Drilling		UTM ZONE: - N6768663 E634997		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe		Soldier Summit		ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	BOULDERS/COBBLES -some surficial organics							0.0
	SILTY GRAVEL, some sand 0.3m -boulders encountered to 1.5m in dia. -boulders and cobbles 50% by Vol.							
1.0								-1.0
2.0								-2.0
3.0								-3.0
4.0								-4.0
5.0								-5.0
5.0	End Of Hole @ 5.0m 5.0m							-5.0
6.0								-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: MF	COMPLETION DEPTH: 5 m
		REVIEWED BY: -	COMPLETE: 07/31/04
		Fig. No: 154	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30079	
Glacier Drilling		UTM ZONE: - N6768745 E635028		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe		Soldier Summit		ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	BOULDERS/COBBLES -surficial organics							0.0
	SILTY SAND GRAVEL 0.3m -boulders encountered to 1.5m in dia. -boulders and cobbles 20% by Vol. -sample #S2 lost in transport							
1.0								-1.0
2.0								-2.0
3.0								-3.0
4.0								-4.0
5.0								-5.0
6.0								-6.0

S2 5.1m	
End Of Hole 5.1m	

J. R. Paine & Associates Ltd.		LOGGED BY: MF	COMPLETION DEPTH: 5.1 m
Whitehorse, Yukon		REVIEWED BY: -	COMPLETE: 07/31/04
		Fig. No: 155	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30080	
Glacier Drilling		UTM ZONE: - N6768798 E635046		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe		Soldier Summit		ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	BOULDERS/COBBLES, some sand, trace silt -boulders & cobbles 60 to 70% by Vol.							0.0
1.0	SANDY SILTY GRAVEL 0.3m -boulders encountered to 0.5m in dia. -boulders and cobbles 30 to 40% by Vol.							-1.0
2.0								-2.0
3.0								-3.0
4.0								-4.0
5.0	End Of Hole 5.0m 5.0m							-5.0
6.0								-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: MF	COMPLETION DEPTH: 5 m
		REVIEWED BY: -	COMPLETE: 07/31/04
		Fig. No: 156	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30081	
Glacier Drilling		UTM ZONE: - N6768752 E635160		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe		Soldier Summit		ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)		
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL				
0.0	BOULDERS/COBBLES -surficial organics			20	40	60	80			20	40	60	80	0.0
0.3m	BOULDERS/COBBLES, some silt & sand -boulders encountered to 1.0m in dia. -boulders and cobbles 60 to 70% by Vol.													
1.5m	SANDY SILTY GRAVEL -boulders encountered to 1.0m in dia. -boulders and cobbles 20 to 30% by Vol.													
5.0m	End Of Hole 5.0m													

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: MF		COMPLETION DEPTH: 5 m	
		REVIEWED BY:		COMPLETE: 07/31/04	
		Fig. No: 157		Page 1 of 1	

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30082	
Donjek Services Ltd.		UTM ZONE: - N6768928 E635159		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	SILTY SAND -damp, medium dense, brown w/ orange hue -organics noted to 0.2m depth											0.0
1.0	SANDY GRAVEL, some silt 0.3m -dry to damp, dense, brown/grey	☒	348	•	▲		GM		◆	■		-1.0
2.0	SILTY GRAVELLY SAND 1.8m -damp to moist, dense, brown	☒	349	•	▲		SM		◆	■		-2.0
3.0												-3.0
4.0		☒	350	•	▲		SM		◆	■		-4.0
5.0		☒	351	•	▲		SM		◆	■		-5.0
6.0	End Of Hole @ 5.9m - Refusal 5.9m -refusal @ 0.6m - move east 2m -refuaal @ 5.9m - EOH											-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.9 m
		REVIEWED BY: -	COMPLETE: 08/15/04
		Fig. No: 84	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30083	
Donjek Services Ltd.		UTM ZONE: - N6769180 E635170		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)	
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
0.0	ORGANIC SILTS											0.0	
0.3m	SILTY SANDY GRAVEL -damp, medium dense, brown w/ some black organics -organic silts intermixed	☒	344	20	40	60	GM		20	40	60	80	-1.0
1.5m	SILTY GRAVELLY SAND -moist, dense, brown	☒	345	20	40	60	SM		20	40	60	80	-2.0
3.2m	SANDY SILT, trace gravel -wet, soft, brown	☒	346	20	40	60	ML		20	40	60	80	-4.0
4.9m	SILTY GRAVELLY SAND -saturated, dense, brown -possible silt contamination in sample #347 from above	☒	347	20	40	60	SM		20	40	60	80	-5.0
7.0m	End Of Hole @ 7.0m - Refusal											-7.0	
8.0												-8.0	
9.0												-9.0	
10.0												-10.0	
11.0												-11.0	
12.0												-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 7 m
		REVIEWED BY: .	COMPLETE: 08/15/04
		Fig. No: 83	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30084	
Donjek Services Ltd.		UTM ZONE: - N6769233 E635162		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆		PERCENT GRAVEL ■		ELEVATION(m)
				20	40	60			20	40	60	80	
0.0	SILTY SAND -damp, medium dense, brown w/ orange hue -organics noted to 0.2m depth											0.0	
0.5	SILTY GRAVELLY SAND -damp, medium dense, brown		338	●	▲		SM		■	◆		-1.0	
2.0			337	●	▲		SM		■			-2.0	
3.0	SANDY SILT, some gravel -damp, dense, brown		338	●	▲		ML		■	◆		-3.0	
4.0												-4.0	
5.0	GRAVELLY SILTY SAND -damp, dense, brown		339	●	▲		SM		■	◆		-5.0	
6.0												-6.0	
7.0	SILTY SAND, some gravel to GRAVELLY -damp, dense, brown		342	●	▲		SM		■	◆		-7.0	
8.0			343	●	▲		SM		■	◆		-8.0	
8.2	End Of Hole @ 8.2m - Refusal											-8.2	
9.0												-9.0	
10.0												-10.0	
11.0												-11.0	
12.0												-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 8.2 m
		REVIEWED BY: -	COMPLETE: 08/15/04
		Fig. No: 82	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30084R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6769273 E635167		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				20	40	60			80	20	40	
0.0	AS PER SOILS LOG 30084 -refusal @ 8.2m											0.0
1.0												-1.0
2.0			R1									-2.0
3.0												-3.0
4.0			R2									-4.0
5.0												-5.0
6.0			R3									-6.0
7.0			R4									-7.0
8.0	ROCK -dense, light grey/biege -mostly powder -minimal chips		R5				ROCK					-8.0
9.0			R6				ROCK					-9.0
10.0	End Of Hole @ 9.9m											-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 9.9 m
		REVIEWED BY: -	COMPLETE: 09/22/04
		Fig. No: 99	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30085	
Donjek Services Ltd.		UTM ZONE: - N6769371 E635155		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
											20	
0.0	SANDY SILT/SILTY SAND -damp, medium dense, brown w/ orange hue -organics noted throughout											0.0
0.6	SILTY GRAVELLY SAND -damp, medium dense, brown		334	●	▲		SM		■	◆		-1.0
2.0			335	●	▲		SM		■	◆		-2.0
4.0			336	●	▲		SM		■	◆		-4.0
4.9	SILTY SAND, trace gravel -dry, dense, light grey w/ green hue -rock powder in sample		337	●	▲		SM		■	◆		-5.0
5.5	End Of Hole @ 5.5m - Refusal											-5.5
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.5 m
		REVIEWED BY: _____	COMPLETE: 08/15/04
		Fig. No: 81	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30085R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6769366 E635154		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30085 -refusal @ 5.5m							0.0
3.0			R7					-3.0
4.0	ROCK 3.8m -dense, grey -rock chips to 20mm in size		R8		ROCK			-4.0
5.0			R9		ROCK			-5.0
6.0	AS ABOVE 5.2m -rock chips to 15mm in size				ROCK			-6.0
7.0	AS ABOVE 6.1m -rock chips to 5mm in size		R10		ROCK			-7.0
7.0	End Of Hole @ 7.0m							-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 7 m
		REVIEWED BY: -	COMPLETE: 09/22/04
		Fig. No: 100	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30086	
Donjek Services Ltd.		UTM ZONE: - N6769425 E635131		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT GRAVEL ■		
										20 40 60 80	
0.0	ORGANIC SILTS										0.0
0.3m	SANDY SILTY GRAVEL -damp, medium dense, brown		329	●	▲		GM		◆		-1.0
1.8m	GRAVELLY SILTY SAND -Frozen, no visible ice -brown		330	●	▲		SM		◆		-2.0
3.0m	GRAVELLY SILTY SAND Frozen, no visible ice		331	●	▲		SM		◆		-3.0
5.0m	AS ABOVE -very dense		332	●	▲		SM		◆		-5.0
7.0m	minimal recovery on sample #333		333	●	▲		SM		◆		-7.0
11.0m	End Of Hole @ 11.0m - Refusal										-11.0
12.0											-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 11 m
		REVIEWED BY: .	COMPLETE: 08/15/04
		Fig. No: 80	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30086R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6769428 E635135		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	AS PER SOILS LOG 30086 -refusal @ 11.0m											0.0
1.0												-1.0
2.0			R11									-2.0
3.0												-3.0
4.0			R12									-4.0
5.0												-5.0
6.0			R13									-6.0
7.0			R14									-7.0
8.0	SANDY SILT 7.6m -powder -some rock chips and some rounded stone -dry, light beige		R15									-8.0
9.0			R16									-9.0
10.0												-10.0
11.0			R17									-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 15.5 m
		REVIEWED BY: -	COMPLETE: 09/23/04
		Fig. No: 101	Page 1 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30086R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6769428 E635135		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)		
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL				
				20	40	60	80			20	40	60	80	
12.0														-12.0
13.0	ROCK 12.5m		R18				ROCK							-13.0
14.0														-14.0
15.0														-15.0
16.0	End Of Hole @ 15.5m 15.5m		R19				ROCK							-16.0
17.0														-17.0
18.0														-18.0
19.0														-19.0
20.0														-20.0
21.0														-21.0
22.0														-22.0
23.0														-23.0
24.0														-24.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 15.5 m
		REVIEWED BY: _	COMPLETE: 09/23/04
		Fig. No: 101	Page 2 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30087	
Donjek Services Ltd.		UTM ZONE: - N6769468 E635121		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆		PERCENT GRAVEL ■		ELEVATION(m)
				20	40	60			80	20	40	60	
0.0	SANDY SILT/SILTY SAND -damp to moist, medium dense, brown/grey											0.0	
0.6m	GRAVELLY SILTY SAND -damp, medium dense, brown	☒	325	●	▲		SM		◆	■		-1.0	
2.0		☒	326	●	▲		SM		◆	■		-2.0	
3.0m	SILTY GRAVELLY SAND -damp, dense, brown	☒	327	●	▲		SM		◆	■		-4.0	
5.0		☒	328	●	▲		SM		◆	■		-5.0	
6.4m	End Of Hole @ 6.4m - Refusal -refusal @ 6.2m - move south 2m -refusal @ 6.4m - EOH											-6.4	
7.0												-7.0	
8.0												-8.0	
9.0												-9.0	
10.0												-10.0	
11.0												-11.0	
12.0												-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 6.4 m
		REVIEWED BY: -	COMPLETE: 08/15/04
		Fig. No: 79	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30087R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6769474 E635128		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)	
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
				20	40	60	80		20	40	60	80	
0.0	AS PER SOILS LOG 30087 -refusal @ 6.4m & 6.2m												0.0
1.0													-1.0
2.0													-2.0
3.0													-3.0
4.0													-4.0
5.0													-5.0
6.0													-6.0
6.1	GRAVELLY SAND, trace silt -damp, brown -rock chips noted		R22										-6.1
7.0													-7.0
8.0													-8.0
9.0													-9.0
9.8	ROCK -dry, grey -mostly powder -some rock chips		R24					ROCK					-9.8
10.0													-10.0
11.0													-11.0
12.0													-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 12.8 m
		REVIEWED BY: -	COMPLETE: 09/23/04
		Fig. No: 102	Page 1 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30087R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6769474 E635128		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
12.0			R25		ROCK		-12.0	
13.0	12.8m						-13.0	
14.0	End Of Hole @ 12.8m -note: when adding 7.3m to 10.4m stem, H2O/mud came out of cone. Possibly water seepage near 7.4m						-14.0	
15.0							-15.0	
16.0							-16.0	
17.0							-17.0	
18.0							-18.0	
19.0							-19.0	
20.0							-20.0	
21.0							-21.0	
22.0							-22.0	
23.0							-23.0	
24.0							-24.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 12.8 m
		REVIEWED BY: -	COMPLETE: 09/23/04
		Fig. No: 102	Page 2 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30088	
Donjek Services Ltd.		UTM ZONE: - N6769516 E635104		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SILTY SAND/SANDY SILT -damp, loose, brown w/ orange hue -organics noted to 0.2m depth							0.0
1.0	SILTY GRAVELLY SAND 0.9m -damp, medium dense, brown	☒	322	● ▲	SM		◆ ■	-1.0
2.0		☒	323	● ▲	SM		◆ ■	-2.0
4.0		☒	324	● ▲	SM		◆ ■	-4.0
5.2	End Of Hole @ 5.2m - Refusal -refusal @ 5.0m - move south 2m -refusal @ 5.2m - EOH							-5.2
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon	LOGGED BY: RW	COMPLETION DEPTH: 5.2 m
	REVIEWED BY: -	COMPLETE: 08/15/04
	Fig. No: 78	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30088R	
Midnight Sun Drilling		UTM ZONE: - N6769513 E635110		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
											20	
0.0	AS PER SOILS LOG 30088 -refusal at 5.0m & 5.2m											0.0
1.0												-1.0
2.0												-2.0
3.0												-3.0
4.0												-4.0
5.0												-5.0
6.0												-6.0
7.0	ROCK 6.7m -dry, grey -rock chips noted		R26									-7.0
8.0												-8.0
9.0												-9.0
10.0	End Of Hole @ 9.8m 9.8m		R27									-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 9.8 m
		REVIEWED BY: -	COMPLETE: 09/23/04
		Fig. No: 103	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30089	
Donjek Services Ltd.		UTM ZONE: - N6769606 E635078		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SILT, some sand -dry to damp, loose, brown /w orange hue -organics noted to 0.2m 0.6m	X	321	● ● ● ▲	ML	■ ◆ ◆ ◆	0.0	
1.0	End Of Hole @ 0.6m - Refusal -refusal @ 0.6m - move south 2m -refusal @ 0.6m - EOH						-1.0	
2.0							-2.0	
3.0							-3.0	
4.0							-4.0	
5.0							-5.0	
6.0							-6.0	
7.0							-7.0	
8.0							-8.0	
9.0							-9.0	
10.0							-10.0	
11.0							-11.0	
12.0							-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 0.6 m
		REVIEWED BY: -	COMPLETE: 08/15/04
		Fig. No: 77	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30089R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6769602 E635080		PROJECT NO: 8002-318	
Reverse Circulation Air Rotaty Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30089							0.0
0.5	ROCK							
1.0	-dry, grey							-1.0
2.0			R30		ROCK			-2.0
3.0			R31		ROCK			-3.0
3.4	End Of Hole @ 3.4m							-4.0
4.0	-continue drilling to 4.6m to allow casing to be pulled							-4.0
5.0								-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3.4 m
		REVIEWED BY: -	COMPLETE: 09/24/04
		Fig. No: 104	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30090	
Donjek Services Ltd.		UTM ZONE: - N6769660 E635061		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)	
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
				20	40	60	80		20	40	60	80	
0.0	ORGANIC SILTS												0.0
0.2	SILTY SAND -damp, medium dense, brown		319	●	▲		SM		◆				-0.8
0.4	GRAVELLY SILTY SAND -damp, medium dense, brown		320	●	▲		SM		◆	■			-1.2
1.2	GRAVELLY SILTY SAND -dry, dense, brown/grey -some rock powder in sample #320												-2.0
1.5	End Of Hole @ 1.5m - Refusal -refusal @ 1.5m - move south 2m -refusal @ 0.9m - EOH												-2.4
2.0													-2.8
3.0													-3.8
4.0													-4.8
5.0													-5.8
6.0													-6.8
7.0													-7.8
8.0													-8.8
9.0													-9.8
10.0													-10.8
11.0													-11.8
12.0													-12.8

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 1.5 m
		REVIEWED BY: -	COMPLETE: 08/15/04
		Fig. No: 76	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30090R			
Midnight Sun Drilling Ltd.		UTM ZONE: - N6769661 E635065		PROJECT NO: 8002-318			
Reverse Circulation Air Rotary Drill				ELEVATION:			
SAMPLE TYPE		☒ RETURN	☒ S.P.T.	☒ AUGER	☐ BULK	☐ TUBE	☐ CORE

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND			ELEVATION(m)
				M.C.					PERCENT GRAVEL			
				PLASTIC		LIQUID						
0.0	AS PER SOILS LOG 30090 -refusal @ 1.5m & 0.9m											0.0
1.0												-1.0
2.0	ROCK -dry, grey		R32				ROCK					-2.0
3.0												-3.0
4.0			R33				ROCK					-4.0
5.0	End Of Hole @ 4.3m -no casing used											-5.0
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd.		LOGGED BY: RW	COMPLETION DEPTH: 4.3 m
Whitehorse, Yukon		REVIEWED BY: -	COMPLETE: 09/24/04
		Fig. No: 105	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30091	
Donjek Services Ltd.		UTM ZONE: - N6769701 E635044		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	ORGANIC SILTS							0.0
0.3	GRAVELLY SILTY SAND -damp, medium dense, brown	☒	318	● ▲	SM	■ ◆		-1.0
1.4	End Of Hole @ 1.4m - Refusal -refusal @ 1.4m - move south 2m -refusal @ 1.2m - EOH							-2.0
2.0								-3.0
3.0								-4.0
4.0								-5.0
5.0								-6.0
6.0								-7.0
7.0								-8.0
8.0								-9.0
9.0								-10.0
10.0								-11.0
11.0								-12.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 1.4 m
		REVIEWED BY: -	COMPLETE: 08/15/04
		Fig. No: 75	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30091R			
Midnight Sun Drilling Ltd.		UTM ZONE: - N8769700 E635045		PROJECT NO: 8002-318			
Reverse Circulation Air Rotary Drill				ELEVATION:			
SAMPLE TYPE		☒ RETURN	☒ S.P.T.	☒ AUGER	☐ BULK	☐ TUBE	☐ CORE

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	AS PER SOILS LOG 30091 -refusal @ 1.2m & 1.4m											0.0
1.0	ROCK -dry, grey											-1.0
2.0			R34				ROCK					-2.0
3.0			R35				ROCK					-3.0
4.0	End Of Hole @ 4.0m -no casing used											-4.0
5.0												-5.0
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd.
Whitehorse, Yukon

LOGGED BY: RW

REVIEWED BY: -

Fig. No: 106

COMPLETION DEPTH: 4 m

COMPLETE: 09/24/04

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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30092	
Donjek Services Ltd.		UTM ZONE: - N6769764 E635000		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
											20	
0.0	ORGANIC SILTS											0.0
0.4	GRAVELLY SILTY SAND -damp, medium dense, dark brown	☒	315	20	40	60	SM		20	40	60	-0.4
1.8	SANDY SILT, trace gravel -Frozen, no visible ice -brown	☒	316	20	40	60	ML		20	40	60	-1.8
3.7	SANDY SILT, some gravel -Frozen, no visible ice -brown	☒	317	20	40	60	ML		20	40	60	-3.7
5.0	End Of Hole @ 5.0m - Refusal -refusal @ 4.7m - move south 2m -refusal @ 5.0m - EOH											-5.0
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5 m
		REVIEWED BY: -	COMPLETE: 08/15/04
		Fig. No: 74	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30092R		
Midnight Sun Drilling Ltd.		UTM ZONE: - N6769762 E634998		PROJECT NO: 8002-318		
Reverse Circulation Air Rotary Drill				ELEVATION:		
SAMPLE TYPE ☒ RETURN ☒ S.P.T.		☒ AUGER ☐ BULK ☐ TUBE ☐ CORE				
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG -refusal @ 4.7m & 5.0m					0.0
1.0						-1.0
2.0						-2.0
3.0						-3.0
4.0						-4.0
5.0	ROCK -dry, grey 4.9m					-5.0
6.0		R36		ROCK		-6.0
7.0		R37		ROCK		-7.0
8.0	End Of Hole @ 7.9m 7.9m					-8.0
9.0						-9.0
10.0						-10.0
11.0						-11.0
12.0						-12.0
J. R. Paine & Associates Ltd. Whitehorse, Yukon			LOGGED BY: RW REVIEWED BY: - Fig. No: 107		COMPLETION DEPTH: 7.9 m COMPLETE: 09/24/04	
					Page 1 of 1	

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30093R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6769812 E634965		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

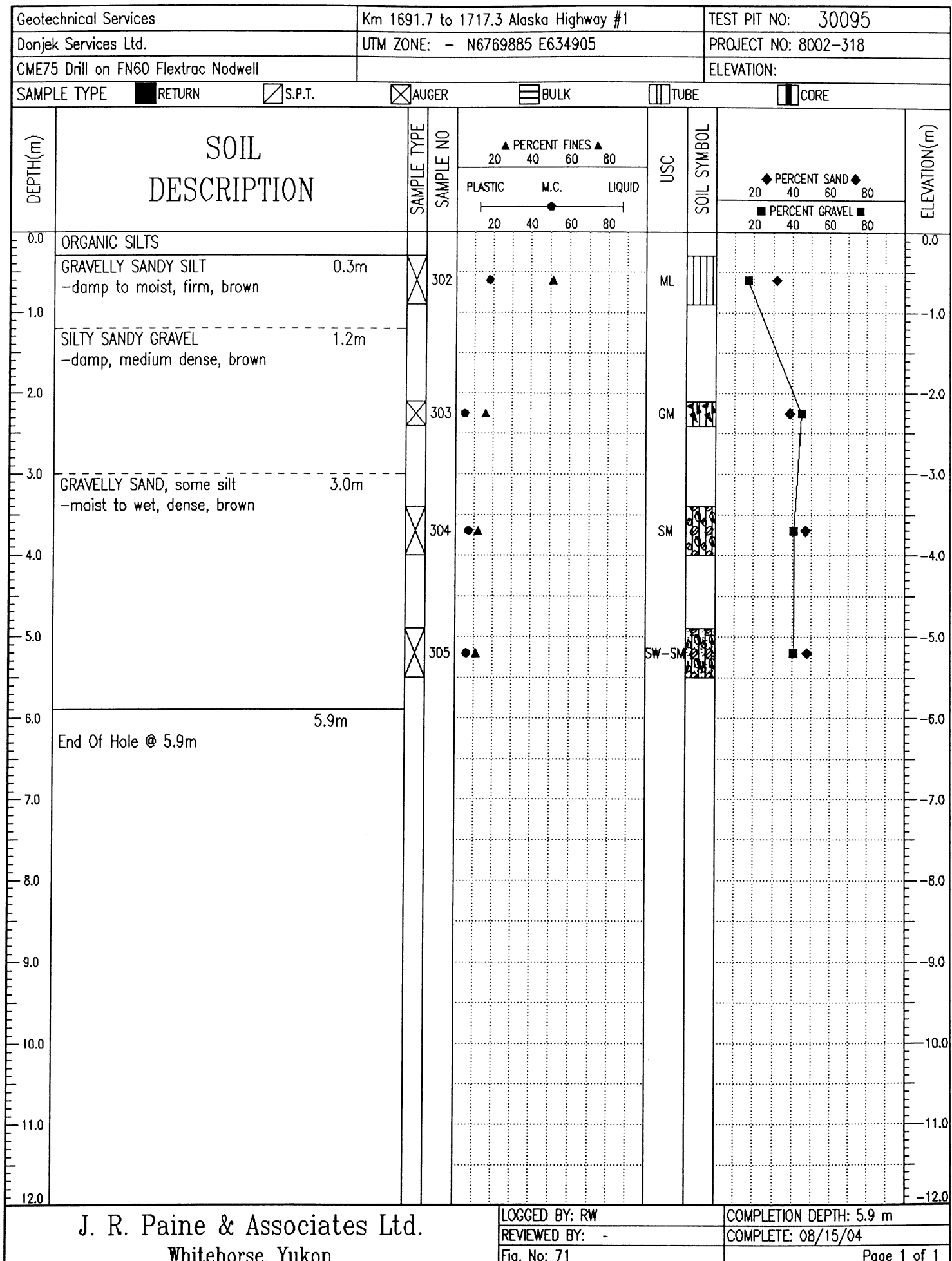
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30093 -refusal @ 7.0m, 2.1m & 2.4m							0.0
1.0								-1.0
2.0								-2.0
3.0	SANDY SILT/SILTY SAND, some gravel -moist, brown		R38					-3.0
4.0								-4.0
5.0								-5.0
6.0								-6.0
7.0								-7.0
8.0	POSSIBLY ROCK 7.6m -some rock chips noted -some sand -minimal powder or dust		R39					-8.0
9.0	ROCK 8.5m -dry, grey		R40		ROCK			-9.0
10.0								-10.0
11.0			R41		ROCK			-11.0
12.0	End Of Hole @ 10.7m -no casing used							-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 10.7 m
		REVIEWED BY: -	COMPLETE: 09/24/04
		Fig. No: 108	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30094	
Donjek Services Ltd.		UTM ZONE: - N6769845 E634943		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	DRILL PAD FILL							0.0
	ORGANIC SILTS 0.4m							
1.0	SANDY GRAVEL, some silt 0.8m -damp, medium dense, brown	☒	306	● ▲	GM		◆ ■	-1.0
2.0	SILTY SANDY GRAVEL 1.8m -damp, medium dense, brown w/ black organic seams -some organic silts throughout (seams to 75mm)	☒	307	● ▲	GM		◆ ■	-2.0
3.0	GRAVELLY SILTY SAND 3.0m -damp to moist, dense, brown	☒	308	● ▲	SM		◆ ■	-3.0
4.0								-4.0
5.0	AS ABOVE 5.2m -increase moisture/increase silt	☒	309	● ▲	SM		◆ ■	-5.0
6.0	End Of Hole @ 5.8m 5.8m							-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.8 m
		REVIEWED BY: -	COMPLETE: 08/15/04
		Fig. No: 72	Page 1 of 1



Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30096	
Donjek Services Ltd.		UTM ZONE: - N6769994 E634847		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
											20	
0.0	ORGANIC SILTS											0.0
0.6	SILTY GRAVELLY SAND											
1.0	-moist to wet, medium dense, brown											
1.0	AS ABOVE		295				SM					-1.0
1.8	-Frozen											
1.8	-brown											
2.0	SILTY GRAVELLY SAND		296				SM					-2.0
2.0	-Frozen											
2.0	-brown											
4.0			297				SM					-4.0
5.0			298				SM					-5.0
7.0			299				SM					-7.0
9.0			300				SM					-9.0
11.0			301				SM					-11.0
11.3	End Of Hole @ 11.3m - Refusal											-11.3

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 11.3 m
		REVIEWED BY: -	COMPLETE: 08/14/04
		Fig. No: 70	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30096R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6769986 E634847		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30096 -refusal @ 11.3m & 8.7m							0.0
1.0								-1.0
2.0								-2.0
3.0								-3.0
4.0								-4.0
5.0								-5.0
6.0								-6.0
7.0	GRAVELLY SILTY SAND -moist to wet, brown		R42					-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
10.1	GRAVELLY SAND, some silt -damp, brown		R43					-10.1
11.0	Very dense slow drilling -no indication of rock							-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 14.3 m
		REVIEWED BY: -	COMPLETE: 09/24/04
		Fig. No: 109	Page 1 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30096R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6769986 E634847		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
12.0	GRAVELLY SILTY SAND -damp to moist, brown		R44	●			-12.0	
13.0								
14.0	POSSIBLY ROCK or GRAVEL/COBBLE LAYER 13.7m -moist, brown -bit freezing/plugging up (not pounding) -some rounded stone -minimal powder from cone		R45	●			-14.0	
15.0	14.3m						-15.0	
16.0	End Of Hole 14.3m						-16.0	
17.0							-17.0	
18.0							-18.0	
19.0							-19.0	
20.0							-20.0	
21.0							-21.0	
22.0							-22.0	
23.0							-23.0	
24.0							-24.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 14.3 m
		REVIEWED BY: -	COMPLETE: 09/24/04
		Fig. No: 109	Page 2 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30097	
Donjek Services Ltd.		UTM ZONE: - N6770135 E634800		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	ORGANIC SILTS							0.0
0.2	SILTY SANDY GRAVEL -moist to wet, medium dense, brown		293	● ▲	GM		◆ ■	-1.0
1.8	GRAVELLY SILTY SAND -Frozen, no visible ice -brown		294	● ▲	SM		◆ ■	-2.0
3.4	End Of Hole @ 3.4m - Refusal -refusal @ 3.4m - move south 2m -refusal @ 3.2m - EOH							
4.0								-4.0
5.0								-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3.4 m
		REVIEWED BY: -	COMPLETE: 08/14/04
		Fig. No: 69	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30097R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6770133 E634803		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30097 -refusal @ 3.4m & 3.2m							0.0
1.0								-1.0
2.0								-2.0
3.0								-3.0
4.0								-4.0
5.0								-5.0
6.0								-6.0
7.0	GRAVELLY SANDY SILT to GRAVELLY SILTY SAND -wet, brown -some rock chips		R46	●				-7.0
8.0								-8.0
9.0								-9.0
10.0	GRAVELLY SAND, some silt to silty -damp to moist, brown		R47	●				-10.0
11.0								-11.0
12.0			R48	●				-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 15.2 m
		REVIEWED BY: -	COMPLETE: 09/24/04
		Fig. No: 110	Page 1 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30098	
Donjek Services Ltd.		UTM ZONE: - N6770279 E634696		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)	
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
											20		40
0.0	SANDY GRAVEL, trace silt -damp, medium dense, brown		290	20	40	60	GP-GM		20	40	60	80	0.0
1.8	GRAVELLY SAND, trace silt -damp, medium dense, brown		291	20	40	60	SW-SM		20	40	60	80	-1.8
3.0	GRAVELLY SAND, some silt -saturated, medium dense, brown		292	20	40	60	SW-SM		20	40	60	80	-3.0
4.3	End Of Hole @ 4.3m												-4.3
5.0													-5.0
6.0													-6.0
7.0													-7.0
8.0													-8.0
9.0													-9.0
10.0													-10.0
11.0													-11.0
12.0													-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.3 m
		REVIEWED BY: -	COMPLETE: 08/14/04
		Fig. No: 68	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30099	
Donjek Services Ltd.		UTM ZONE: - N6770392 E634666		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE		☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE			

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)	
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	SILTY SANDY GRAVEL -damp, medium dense, brown -organics noted to 0.3m depth	☒	286	20	40	60	GM	[Symbol]	20	40	60	0.0
0.9	AS ABOVE -moist to wet											-1.0
1.8	GRAVELLY SAND, trace silt saturated, medium dense, brown	☒	287	20	40	60	SW-SM	[Symbol]	20	40	60	-2.0
3.0	SANDY SILT, some gravel -saturated, soft, black/brown -organic silts	☒	288	20	40	60	ML	[Symbol]	20	40	60	-3.0
3.7	GRAVELLY SAND, some silt -saturated, medium dense, brown	☒	289	20	40	60	SM	[Symbol]	20	40	60	-4.0
4.4	End Of Hole @ 4.4m											-5.0
5.0												-5.0
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd.

Whitehorse, Yukon

LOGGED BY: RW

REVIEWED BY: -

Fig. No: 67

COMPLETION DEPTH: 4.4 m

COMPLETE: 08/14/04

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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30100	
Donjek Services Ltd.		UTM ZONE: - N6770537 E634636		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
				20 40 60 80	20 40 60 80	20 40 60 80			20 40 60 80	20 40 60 80		
0.0	SANDY GRAVEL, some silt -damp, dense, brown -boulders to 0.5m dia. noted on surface		279				GM				0.0	
1.8	SILTY SANDY GRAVEL -damp to moist, dense, brown		280				GM				-1.8	
2.7	ORGANIC SILTS -damp, firm, dark brown										-2.7	
3.0	SILTY SANDY GRAVEL -damp, dense, brown		281				GM				-3.0	
4.9	SILTY SANDY GRAVEL -wet, dense, brown -sample #283 poor recovery		282				GM				-4.9	
7.9	GRAVELLY SILTY SAND -moist to wet, dense, grey w/ blueish hue		284				SM				-7.9	
9.4	SILTY SAND, trace gravel -moist, dense, purple		285				SM				-9.4	
10.1	End of Hole @ 10.1m - Refusal										-10.1	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 10.1 m
		REVIEWED BY: -	COMPLETE: 08/14/04
		Fig. No: 66	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30100R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6770540 E634627		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30100 -refusal @ 10.1m							0.0
1.0								-1.0
2.0								-2.0
3.0								-3.0
4.0								-4.0
5.0								-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 16.2 m
		REVIEWED BY: -	COMPLETE: 09/25/04
		Fig. No: 111	Page 1 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30100R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6770540 E634627		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)	
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
				20	40	60	80		20	40	60	80	
12.0	ROCK -soft, damp, brown w/ purple hue												-12.0
13.0													-13.0
14.0			R51				ROCK						-14.0
15.0	ROCK -dry, grey w/ purple hue												-15.0
16.0			R52				ROCK						-16.0
16.2	End Of Hole @ 16.2m												-16.2
17.0													-17.0
18.0													-18.0
19.0													-19.0
20.0													-20.0
21.0													-21.0
22.0													-22.0
23.0													-23.0
24.0													-24.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 16.2 m
		REVIEWED BY: -	COMPLETE: 09/25/04
		Fig. No: 111	Page 2 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30101	
Donjek Services Ltd.		UTM ZONE: - N6770650 E634650		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
0.0	SILTY SAND -damp, medium dense, brown -organics noted to 0.3m depth										0.0
0.4	GRAVELLY SILTY SAND -damp, medium dense, brown		277				SM				-0.4
1.8	GRAVELLY SILTY SAND -damp, dense, brown		278				SM				-1.8
3.2	End Of Hole @ 3.2m - Refusal -refusal @ 3.0m - move east 2m -refusal @ 3.2m - EOH										-3.2
4.0											-4.0
5.0											-5.0
6.0											-6.0
7.0											-7.0
8.0											-8.0
9.0											-9.0
10.0											-10.0
11.0											-11.0
12.0											-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3.2 m
		REVIEWED BY: -	COMPLETE: 08/14/04
		Fig. No: 65	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30101R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6770659 E634653		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30101 -refusal @ 3.0m & 3.2m							0.0
2.4	ROCK -dry, grey							-2.4
4.6	End Of Hole @ 4.6m		R53		ROCK			-4.6
5.0								-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY: -	COMPLETE: 09/25/04
		Fig. No: 112	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30102	
Donjek Services Ltd.		UTM ZONE: - N6770753 E634670		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SANDY SILT/SILTY SAND -damp, medium dense, brown w/ orange hue -organics noted to 0.3m depth							0.0
0.6	SANDY SILT, trace gravel -damp, medium dense, brown		275	● ▲	ML	■ ◆		-1.0
1.5	SILTY SAND -dry, dense, light grey -rock powder in sample #276							
2.7			276	● ▲	SM	■ ◆		-3.0
3.0	End Of Hole @ 3.0m - Refusal -refusal @ 1.0m - move north 2m -refusal @ 3.0m - EOH							
4.0								-4.0
5.0								-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY: -	COMPLETE: 08/14/04
		Fig. No: 64	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30102R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6770744 E634667		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND			PERCENT GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			20	40	60	80	20	40	
0.0	AS PER SOILS LOG 30102 -refusal @ 3.0m & 1.0m													0.0	
1.0	ROCK -dry, grey													-1.0	
2.0			R54				ROCK							-2.0	
3.0														-3.0	
4.0			R55				ROCK							-4.0	
4.3	End Of Hole @ 4.3m													-4.3	
5.0														-5.0	
6.0														-6.0	
7.0														-7.0	
8.0														-8.0	
9.0														-9.0	
10.0														-10.0	
11.0														-11.0	
12.0														-12.0	

J. R. Paine & Associates Ltd.		LOGGED BY: RW	COMPLETION DEPTH: 4.3 m
Whitehorse, Yukon		REVIEWED BY: -	COMPLETE: 09/25/04
		Fig. No: 113	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30103	
Donjek Services Ltd.		UTM ZONE: - N6770855 E634651		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	SILTY SAND/SANDY SILT -damp, medium dense, brown -organics noted to 0.7m depth											0.0
0.6m	GRAVELLY SILTY SAND -damp, medium dense, brown		272	●	▲		SM	■	◆			-1.0
2.0m	SILTY GRAVELLY SAND -dry to damp, dense, light brown		273	●	▲		SM	■	◆			-2.0
3.7m	SILTY SAND -dry, dense, light grey -rock powder in sample #274		274	●	▲		SM	■	◆			-4.0
4.3m	End Of Hole @ 4.3m - Refusal -refusal @ 4.3m - move south 2m -refusal @ 2.4m - EOH											-5.0
5.0												-6.0
6.0												-7.0
7.0												-8.0
8.0												-9.0
9.0												-10.0
10.0												-11.0
11.0												-12.0
12.0												-13.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.3 m
		REVIEWED BY: -	COMPLETE: 08/14/04
		Fig. No: 63	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30104	
Donjek Services Ltd.		UTM ZONE: - N6770965 E634614		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆			ELEVATION(m)	
				PLASTIC M.C. LIQUID					PERCENT GRAVEL ■				
				20	40	60			20	40	60		80
0.0	SILTY SAND -damp, loose, brown	☒	268	20	40	60	SM		20	40	60	80	0.0
1.0	GRAVELLY SANDY SILT -damp, medium dense, brown	☒	269	20	40	60	ML		20	40	60	80	-1.0
3.0	GRAVELLY SILTY SAND -dry, dense, light grey -rock powder in sample #270 (attempt 1) -rock powder in sample #271 (attempt 2)	☒	270	20	40	60	SM		20	40	60	80	-3.0
4.0		☒	271	20	40	60	SM		20	40	60	80	-4.0
4.9	End Of Hole @ 4.9m - Refusal -refusal @ 3.7m - move south 2m -refusal @ 4.9m - EOH												-4.9

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.9 m
		REVIEWED BY: -	COMPLETE: 08/13/04
		Fig. No: 62	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30105	
Donjek Services Ltd.		UTM ZONE: - N6771005 E604672		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SILTY SAND/SANDY SILT -damp, medium dense, brown							0.0
1.0	GRAVELLY SILTY SAND 0.9m	☒	262	● ▲	SM		■ ◆	-1.0
2.0	SANDY SILT, trace gravel 1.8m	☒	263	● ▲	ML		■ ◆	-2.0
3.0	SILTY SANDY GRAVEL 3.0m	☒	264	● ▲	GM		■ ◆	-3.0
4.0								-4.0
5.0	End Of Hole @ 4.6m - Refusal 4.6m							-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY: -	COMPLETE: 08/13/04
		Fig. No: 61	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30105R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6771014 E634672		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T.		☒ AUGER ☐ BULK ☐ TUBE ☐ CORE			

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	AS PER SOILS LOG 30105 -refusal @ 4.6m											0.0
1.0												-1.0
2.0												-2.0
3.0												-3.0
4.0												-4.0
5.0	ROCK -dry, grey 4.9m		R64				ROCK					-5.0
6.0												-6.0
7.0			R65				ROCK					-7.0
8.0	End Of Hole @ 7.6m 7.6m											-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd.		LOGGED BY: RW		COMPLETION DEPTH: 7.6 m	
Whitehorse, Yukon		REVIEWED BY: -		COMPLETE: 09/26/04	
		Fig. No: 116		Page 1 of 1	

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30106	
Donjek Services Ltd.		UTM ZONE: - N6771078 E634574		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SILTY SANDY GRAVEL -dry to damp, loose, brown w/ orange hue -organics to 0.2m		266	● ▲	GM		◆ ■	0.0
0.6m	SILTY SAND -dry to damp, dense, light grey -rock powder in sample #267		267	● ▲	SM		◆ ■	-1.0
0.9m	End Of Hole @ 0.9m - Refusal -refusal @ 0.9m - move south 2m -refusal @ 0.9m - EOH							-2.0
1.0								-3.0
2.0								-4.0
3.0								-5.0
4.0								-6.0
5.0								-7.0
6.0								-8.0
7.0								-9.0
8.0								-10.0
9.0								-11.0
10.0								-12.0
11.0								
12.0								

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 0.9 m
		REVIEWED BY: -	COMPLETE: 08/13/04
		Fig. No: 60	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30106R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6771070 E634575		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	AS PER SOILS LOG 30106 -refusal @ 0.9m both attempts											0.0
1.0	ROCK (possibly fractured) 1.2m -dry, grey											-1.0
2.0	ROCK 1.8m -dry, grey		R60				ROCK					-2.0
3.0												-3.0
4.0			R61				ROCK					-4.0
5.0	End Of Hole @ 4.6m 4.6m											-5.0
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY: -	COMPLETE: 09/26/04
		Fig. No: 117	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30107	
Donjek Services Ltd.		UTM ZONE: - N6771149 E634529		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	ORGANIC SILTS							0.0
0.3	SILTY SAND/SANDY SILT -damp, medium dense, brown							
0.9	GRAVELLY SAND, some silt -dry to damp, dense, light brown/grey -rock powder in sample #265	☒	265	▲	SM	◆		-1.0
1.5	End Of Hole @ 2.5m - Refusal -refusal @ 1.5m - move 2m south -refusal @ 1.5m - EOH							
2.0								-2.0
3.0								-3.0
4.0								-4.0
5.0								-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 1.5 m
		REVIEWED BY: -	COMPLETE: 08/13/04
		Fig. No: 59	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30107R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6771151 E634529		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN		☒ S.P.T.		☒ AUGER	
		☐ BULK		☐ TUBE	
				☐ CORE	

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				20	40	60			80	20	40	
0.0	AS PER SOILS LOG 30107 -refusal @ 1.5m both attempts											0.0
1.0												-1.0
2.0	ROCK -dry, grey 1.2m		R62				ROCK					-2.0
3.0												-3.0
4.0			R63				ROCK					-4.0
5.0	End Of Hole @ 4.3m 4.3m											-5.0
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.3 m
		REVIEWED BY: -	COMPLETE: 09/26/04
		Fig. No: 132	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30108	
Donjek Services Ltd.		UTM ZONE: - N6771278 E634528		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
											20	
0.0	SANDY SILT, trace gravel -damp to moist, medium dense, brown											0.0
1.0			258				ML					-1.0
1.5	GRAVELLY SILTY SAND -damp, medium dense, brown		259				SM					-2.0
2.4	GRAVELLY SAND, some silt -dry, dense, light brown/grey -rock powder in samples #260 & #261		260				SM					-3.0
3.0												-4.0
4.0												-5.0
5.0			261				SM					-5.0
5.5	End Of Hole @ 5.5m - Very slow drilling											-6.0
6.0												-7.0
7.0												-8.0
8.0												-9.0
9.0												-10.0
10.0												-11.0
11.0												-12.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.5 m
		REVIEWED BY: -	COMPLETE: 08/13/04
		Fig. No: 58	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30109	
Donjek Services Ltd.		UTM ZONE: - N6771427 E634466		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SANDY SILT -damp, medium dense, brown						0.0	
1.0		X	256	● ▲	ML		-1.0	
1.5	GRAVELLY SILTY SAND -damp, dense, brown							
2.0		X	257	● ▲	SM		-2.0	
3.0	SILTY SAND, trace gravel -dry to damp, dense, light brown/grey -rock powder in sample #257							
3.0		X	258	● ▲	SM		-3.0	
4.0	End Of Sample @ 4.0m - Refusal -refusal @ 3.0m - move south 2m -refusal @ 4.0m - EOH							
4.0							-4.0	
5.0							-5.0	
6.0							-6.0	
7.0							-7.0	
8.0							-8.0	
9.0							-9.0	
10.0							-10.0	
11.0							-11.0	
12.0							-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4 m
		REVIEWED BY: -	COMPLETE: 08/13/04
		Fig. No: 57	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30110	
Donjek Services Ltd.		UTM ZONE: - N6771567 E634457		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	ORGANIC SILTS							0.0
0.3m	SANDY SILT/SILTY SAND, some gravel		251	● ▲	ML		■ ◆	-0.3
1.0	-Frozen -brown							-1.0
2.0			252	● ▲	ML		■ ◆	-2.0
3.0								-3.0
4.0			253	● ▲	SM		■ ◆	-4.0
4.6m	SILTY SAND							-4.6
5.0	-dry to damp, dense, brown w/ orange hue -more rock powder w/ depth		254	● ▲	SM		■ ◆	-5.0
5.6m	End Of Hole @ 5.6m - Very slow drilling -refusal @ 2.1m - move west 2m -very slow drilling @ 5.6m - EOH							-5.6
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.6 m
		REVIEWED BY: -	COMPLETE: 08/13/04
		Fig. No: 56	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30111	
Donjek Services Ltd.		UTM ZONE: - N6776127 E634475		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	GRAVELLY SILTY SAND -damp, medium dense, brown -light organics to 0.3m	☒	249	20	40	80	SM		20	40	80	0.0
1.0	SILTY GRAVELLY SAND 1.0m -dry, dense, light brown/grey -rock powder in sample #250	☒	250	20	40	80	SM		20	40	80	-1.0
2.0	End Of Hole @ 1.8m - Refusal -refusal @ 1.8m - move east 1.5m -refusal @ 1.8m - EOH											-2.0
3.0												-3.0
4.0												-4.0
5.0												-5.0
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 1.8 m
		REVIEWED BY: -	COMPLETE: 08/13/04
		Fig. No: 55	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30111R		
Midnight Sun Drilling Ltd.		UTM ZONE: - N6771629 E634480		PROJECT NO: 8002-318		
Reverse Circulation Air Rotary Drill				ELEVATION:		
SAMPLE TYPE		☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE				
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC SOIL SYMBOL ◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30111 -refusal @ 1.8m both attempts					0.0
1.0	ROCK 0.9m -dry, grey					-1.0
2.0			R66		ROCK	-2.0
3.0						-3.0
4.0	End Of Hole @ 4.0m 4.0m		R67		ROCK	-4.0
5.0						-5.0
6.0						-6.0
7.0						-7.0
8.0						-8.0
9.0						-9.0
10.0						-10.0
11.0						-11.0
12.0						-12.0

J. R. Paine & Associates Ltd.
Whitehorse, Yukon

LOGGED BY: RW	COMPLETION DEPTH: 4 m
REVIEWED BY: -	COMPLETE: 09/26/04
Fig. No: 118	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30093	
Donjek Services Ltd.		UTM ZONE: - N6769809 E634966		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	GRAVELLY SILTY SAND -moist, medium dense, brown w/ black organic seams -organic silt seams throughout to 75mm in thickness		310	20	40	80	SM		20	40	80	0.0
1.0												
2.0	GRAVELLY SILTY SAND -Frozen, no visible ice -brown/grey -minimal gravels in sample #314 @ refusal		311	20	40	80	GM		20	40	80	-1.0
3.0												
4.0			312	20	40	80	SM		20	40	80	-2.0
5.0												
6.0			313	20	40	80	SM		20	40	80	-3.0
7.0												
8.0	End Of Hole @ 7.0m - Refusal -refusal @ 7.0m - move south 2m -refusal @ 2.1m - move south 2m -refusal @ 2.4m - EOH		314	20	40	80	SM		20	40	80	-4.0
9.0												
10.0												-5.0
11.0												-6.0
12.0												-7.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 7 m
		REVIEWED BY: -	COMPLETE: 08/15/04
		Fig. No: 73	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30112	
Donjek Services Ltd.		UTM ZONE: - N6771772 E634467		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	ORGANIC SILTS							0.0
0.3	SANDY SILT, some gravel -damp, medium dense, brown	☒	246	● ▲	ML	■ ◆		-0.3
1.2	GRAVELLY SILTY SAND -damp, medium dense, brown	☒	247	● ▲	SM	■ ◆		-1.2
3.0	SILTY SAND, some gravel -dry to damp, dense, light brown/grey -rock powder in sample #248	☒	248	● ▲	SM	■ ◆		-3.0
3.4	End Of Hole @ 3.4m - Refusal -refusal @ 3.4m - move north 1.5m -refusal @ 3.4m - EOH							-3.4
4.0								-4.0
5.0								-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3.4 m
		REVIEWED BY:	COMPLETE: 08/13/04
		Fig. No: 54	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30112R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6771772 E634470		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)	
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL			
				20	40	60	80		20	40	60	80	
0.0	AS PER SOILS LOG 30112 -refusal @ 3.4m both attempts												0.0
1.0													-1.0
2.0													-2.0
3.0	ROCK (possibly fractured) 3.0m -dry, grey -some sand infill												-3.0
4.0	ROCK 4.0m -dry, grey												-4.0
5.0	End Of Hole @ 4.6m 4.6m		R68					ROCK					-5.0
6.0													-6.0
7.0													-7.0
8.0													-8.0
9.0													-9.0
10.0													-10.0
11.0													-11.0
12.0													-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY: -	COMPLETE: 09/26/04
		Fig. No: 119	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30113	
Donjek Services Ltd.		UTM ZONE: - N6771879 E634435		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	ORGANIC SILTS							0.0
1.0	GRAVELLY SANDY SILT 0.6m -Frozen -brown	☒	244	● ▲	ML		■ ◆	-1.0
2.0	GRAVELLY SILTY SAND 1.5m -dry to damp, dense, brown	☒	245	● ▲	SM		■ ◆	-2.0
3.0	End Of Hole @ 2.4m - Refusal -refusal @ 2.1m - move south 2m -refusal @ 2.4m - EOH -rock powder on bit at refusal on both attempts							-3.0
4.0								-4.0
5.0								-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 2.4 m
		REVIEWED BY: -	COMPLETE: 08/12/04
		Fig. No: 53	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30113R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6771880 E634441		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN		☒ S.P.T.		☒ AUGER	
		☐ BULK		☐ TUBE	
				☐ CORE	

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)	
				PLASTIC		M.C.			LIQUID	PERCENT SAND		PERCENT GRAVEL
				20	40	60						
0.0	AS PER SOILS LOG 30113 --refusal @ 2.4m & 2.1m										0.0	
1.0											-1.0	
2.0	ROCK (possibly fractured) 1.8m										-2.0	
3.0	ROCK -intact 2.4m										-3.0	
4.0											-4.0	
5.0	End Of Hole @ 4.6m 4.6m										-5.0	
6.0											-6.0	
7.0											-7.0	
8.0											-8.0	
9.0											-9.0	
10.0											-10.0	
11.0											-11.0	
12.0											-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY:	COMPLETE: 09/26/04
		Fig. No: 120	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30114	
Donjek Services Ltd.		UTM ZONE: - N6772019 E634386		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	ORGANIC SILTS											0.0
0.3	GRAVELLY SAND, trace to some silt -dry to damp, medium dense, brown		242	▲			SW-SM		◆			-1.0
2.0			243	▲			SW-SM		◆			-2.0
2.9	End Of Hole @ 2.9m -refusal @ 1.8m - move south 2m -refusal @ 2.9m - EOH											-2.9
3.0												-3.0
4.0												-4.0
5.0												-5.0
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 2.9 m
		REVIEWED BY: -	COMPLETE: 08/12/04
		Fig. No: 52	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30114R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6772023 E634386		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30114 -refusal @ 1.8m & 2.9m							0.0
1.0								-1.0
2.0								-2.0
3.0	ROCK (possibly fractured) 3.0m -medium dense -some sand infill							-3.0
4.0	ROCK 4.0m -intact		R70		ROCK			-4.0
5.0	End Of Hole @ 4.6m 4.6m							-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY: -	COMPLETE: 09/27/04
		Fig. No: 121	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30115	
Donjek Services Ltd.		UTM ZONE: - N6772105 E634338		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES		USC	SOIL SYMBOL	PERCENT SAND / GRAVEL		ELEVATION(m)
				PLASTIC	M.C.			PERCENT SAND	PERCENT GRAVEL	
0.0	SANDY GRAVEL, trace silt -damp to moist, medium dense, light brown -increase moisture w/ depth	☒	238	20	40	GP-GM		20	20	0.0
1.8	SILTY GRAVELLY SAND to SILTY SAND -dry to damp, dense, light brown	☒	239	20	40	SM		40	20	-1.8
4.0	End Of Hole @ 4.3m - Refusal -refusal @ 3.7m - move south 2m -refusal @ 4.3m - EOH	☒	240	20	40	SM		40	20	-4.0

J. R. Paine & Associates Ltd.		LOGGED BY: RW	COMPLETION DEPTH: 4.3 m
Whitehorse, Yukon		REVIEWED BY: -	COMPLETE: 08/12/04
		Fig. No: 51	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30115R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6772108 E634337		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30115 -refusal @ 3.7m & 4.3m							0.0
1.0								-1.0
2.0	ROCK or COBBLES/BOULDERS 1.8m -light brown/grey							-2.0
3.0								-3.0
4.0	ROCK 3.4m -some powder (not fine) -some sand in sample -water on stem after withdrawal -medium dense		R73			ROCK		-4.0
5.0	End Of Hole @ 4.6m 4.6m							-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY: -	COMPLETE: 09/27/04
		Fig. No: 122	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30116	
Donjek Services Ltd.		UTM ZONE: - N6672111 E634312		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
				20 40 60 80	20 40 60 80	20 40 60 80			20 40 60 80	20 40 60 80	
0.0	ORGANIC SILTS										0.0
0.3m	SANDY GRAVEL, some silt -damp, medium dense, brown		234	●	▲		GM	■	◆		-1.0
1.8m	GRAVELLY SAND, some silt -dry to damp, dense, light brown -some rock powder in samples		235	●	▲		SW-SM	■	◆		-2.0
4.0m			236	●	▲		SW-SM	■	◆		-4.0
5.0m	Pulverized rock sample @ refusal		237	●	▲		SM	■	◆		-5.0
5.2m	End Of Hole @ 5.2m - Refusal										-5.2
6.0											-6.0
7.0											-7.0
8.0											-8.0
9.0											-9.0
10.0											-10.0
11.0											-11.0
12.0											-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.2 m
		REVIEWED BY: -	COMPLETE: 08/12/04
		Fig. No: 50	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30116R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6772107 E634309		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30116 -refusal @ 5.2m							0.0
1.0								-1.0
2.0	ROCK (possibly fractured) 1.5m -dry, grey -medium dense -some sand in powder							-2.0
3.0								-3.0
4.0	ROCK 3.0m -dry, grey							-4.0
4.6	End Of Hole @ 4.6m		R71		ROCK			-4.6
5.0								-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY: -	COMPLETE: 09/27/04
		Fig. No: 123	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30117	
Donjek Services Ltd.		UTM ZONE: - N6772256 E634222		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SANDY SILT, some gravel -damp to moist, medium dense, brown	X	232	● ▲	ML	■ ◆	0.0	
0.6	ORGANIC SILTS -damp to moist, medium dense, brown						-1.0	
1.5	SILTY SANDY GRAVEL -damp to moist, medium dense, brown	X	234	● ▲	GM	■ ◆	-2.0	
3.7	AS ABOVE End Of Hole @ 3.0m - Refusal -refusal @ 3.7m - move south 2m -refusal @ 2.1m - EOH						-4.0	
4.0							-5.0	
5.0							-6.0	
6.0							-7.0	
7.0							-8.0	
8.0							-9.0	
9.0							-10.0	
10.0							-11.0	
11.0							-12.0	
12.0								

J. R. Paine & Associates Ltd. Whitehorse, Yukon	LOGGED BY: RW	COMPLETION DEPTH: 3.7 m
	REVIEWED BY: -	COMPLETE: 08/12/04
	Fig. No: 49	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30117R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6772253 E634224		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆			ELEVATION(m)
				20	40	60			80	20	40	
0.0	AS PER SOILS LOG 30117 -refusal 2.1m @ 3.7m											0.0
1.0												-1.0
2.0												-2.0
3.0												-3.0
3.4	ROCK or GRAVEL STRATA											-3.4
4.0	-dry, brown											-4.0
5.0	-not much powder											-5.0
6.0	-some round stone in sample											-6.0
6.7	End Of Hole @ 6.7m		R72									-6.7
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 6.7 m
		REVIEWED BY: -	COMPLETE: 09/27/04
		Fig. No: 124	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30118	
Donjek Services Ltd.		UTM ZONE: - N6772272 E634185		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	ORGANIC SILTS							0.0
0.3m	SILTY SAND/SANDY SILT -damp, medium dense, light brown		229	● ▲	ML	■ ◆		-1.0
0.6m	SANDY SILT, trace gravel -damp, medium dense, brown							
1.2m	SANDY SILTY GRAVEL -damp, dense, brown		230	● ▲	GM	■ ◆		-2.0
2.7m	SILTY SAND, trace gravel -dry, very dense, light brown -rock powder in sample		231	● ▲	SM	■ ◆		-3.0
3.7m	End Of Hole @ 3.7m - Refusal -refusal @ 3.7m - move south 1.5m -refusal @ 3.7m - EOH							-4.0
4.0								-5.0
5.0								-6.0
6.0								-7.0
7.0								-8.0
8.0								-9.0
9.0								-10.0
10.0								-11.0
11.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3.7 m
		REVIEWED BY: -	COMPLETE: 08/12/04
		Fig. No: 48	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30118R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6772274 E634188		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30118 -refusal @ 3.7m both attempts							0.0
3.0	ROCK 3.0m -dry, grey -very powdery -significant rock chips							-3.0
4.6	End Of Hole @ 4.6m		R74		ROCK			-4.6
5.0								-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY: -	COMPLETE: 09/27/04
		Fig. No: 125	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30119	
Donjek Services Ltd.		UTM ZONE: - N6772380 E634109		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SILTY SANDY GRAVEL -saturated, medium dense, brown	X	226	● ▲	GM		◆ ■	0.0
0.6	ORGANIC SILTS -wet, soft to firm, black/dark brown							-1.0
0.9	GRAVELLY SAND, trace silt -damp, medium dense, light brown							-2.0
2.0		X	227	● ▲	SW-SM		◆ ■	-3.0
3.0	SAND, some silt, trace gravel -moist to wet, dense, light brown -increase moisture from seepage	X	228	● ▲	SM		◆ ■	-4.0
4.6	End Of Hole @ 4.6m - Refusal -refusal @ 3.7m - move north 2m -refusal @ 4.6m - EOH							-5.0
5.0								-6.0
6.0								-7.0
7.0								-8.0
8.0								-9.0
9.0								-10.0
10.0								-11.0
11.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY: -	COMPLETE: 08/12/04
		Fig. No: 47	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30120	
Donjek Services Ltd.		UTM ZONE: - N6772396 E634076		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT GRAVEL ■			
0.0	ORGANIC SILTS											0.0
0.3	GRAVELLY SILTY SAND -damp, medium dense, brown	☒	222	20	40	60	SM		20	40	60	-0.3
2.1	SILTY SAND -damp, very dense, brown	☒	223	20	40	60	SM		20	40	60	-2.1
3.0	AS ABOVE -light brown (lighter with depth)	☒	224	20	40	60	SM		20	40	60	-3.0
5.3	some rock powder in sample #225	☒	225	20	40	60	SM		20	40	60	-5.3
5.3	End Of Hole @ 5.3m - Very Slow Drilling -refusal @ 2.4m - move north 2m -very slow drilling at 5.3m - EOH											-5.3
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.3 m
		REVIEWED BY: -	COMPLETE: 08/12/04
		Fig. No: 46	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30121	
Donjek Services Ltd.		UTM ZONE: - N6772578 E633974		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT GRAVEL ■		
										20	
0.0	ORGANIC SILTS										0.0
0.3	GRAVELLY SILTY SAND -damp, medium dense, brown		219				SM				-1.0
1.5	SILTY SANDY GRAVEL -dense		220				GM				-2.0
2.7	SILTY SAND -dry, very dense, light brown -rock powder in sample		221				SM				-3.0
3.2	End Of Hole @ 3.2m - Refusal -refusal @ 3.0m - move east 2m -refusal @ 3.2m - EOH										-4.0
4.0											-5.0
5.0											-6.0
6.0											-7.0
7.0											-8.0
8.0											-9.0
9.0											-10.0
10.0											-11.0
11.0											-12.0
12.0											-13.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3.2 m
		REVIEWED BY: -	COMPLETE: 08/12/04
		Fig. No: 45	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30121R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6772578 E633974		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30121 -refusal @ 3.2m & 3.0m							0.0
1.0								-1.0
2.0								-2.0
3.0								-3.0
3.0	ROCK -dry, grey -some powder -medium dense rock							-3.0
4.0								-4.0
5.0								-5.0
5.0			R75		ROCK			-5.0
6.0								-6.0
7.0								-7.0
7.0			R76		ROCK			-7.0
8.0								-8.0
8.0	End Of Hole @ 7.6m							-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 7.6 m
		REVIEWED BY: -	COMPLETE: 09/27/04
		Fig. No: 126	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30122	
Donjek Services Ltd.		UTM ZONE: - N6772688 E633916		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

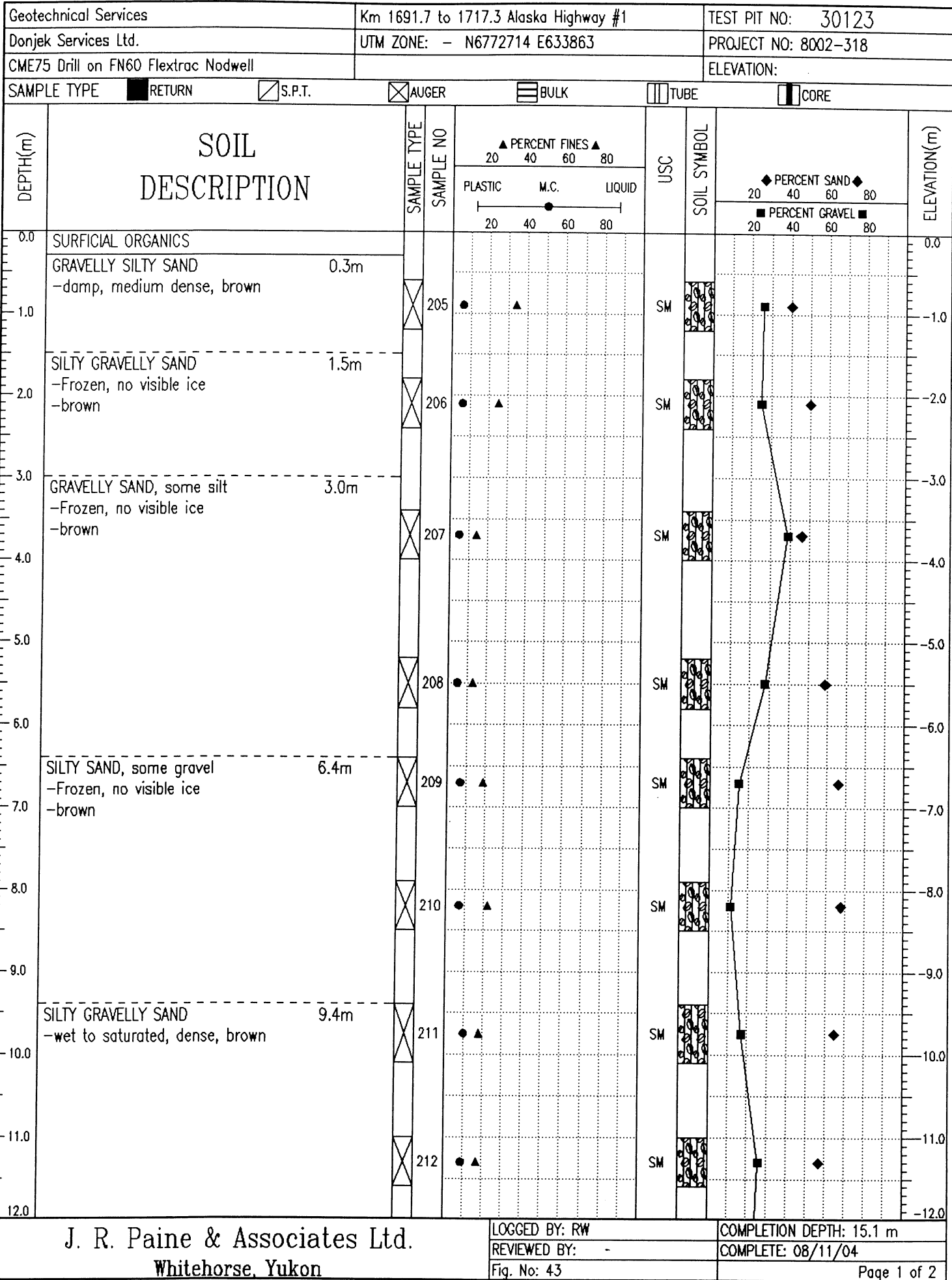
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	ORGANIC SILTS							0.0
1.0	SILTY SANDY GRAVEL 0.6m -wet, medium dense, dark brown	☒	215	▲	GM		◆ ■	-1.0
2.0	SANDY GRAVEL/GRAVELLY SAND, some silt 1.5m -saturated, medium dense, dark brown	☒	216	▲	GM		◆ ■	-2.0
4.0	Poor sample recovery on #217 due to H2O	☒	217	▲	GP-GM		◆ ■	-4.0
5.0	End Of Hole @ 5.2m - Refusal 5.2m	☒	218	▲	SM		◆ ■	-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.2 m
		REVIEWED BY: -	COMPLETE: 08/12/04
		Fig. No: 44	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30122R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6772688 E633923		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30122 -refusal @ 5.2m							0.0
1.0								-1.0
2.0								-2.0
3.0								-3.0
4.0								-4.0
5.0								-5.0
6.0								-6.0
7.0								-7.0
7.6	7.6m End Of Hole @ 7.6m - No Rock Encountered		R77	●				-7.6
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 7.6 m
		REVIEWED BY: -	COMPLETE: 09/27/04
		Fig. No: 127	Page 1 of 1



Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30123	
Donjek Services Ltd.		UTM ZONE: - N6772714 E633863		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

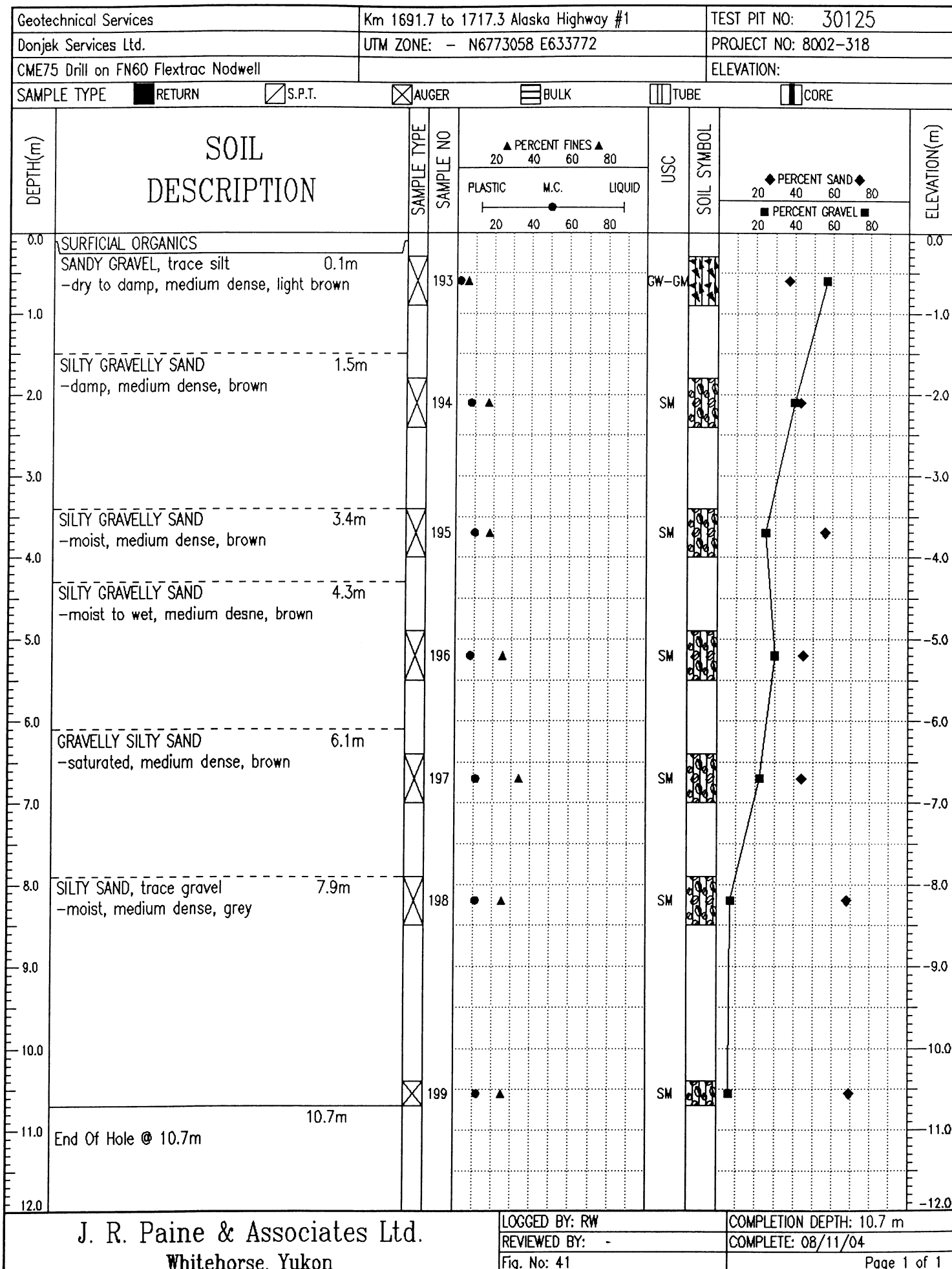
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
12.0								-12.0
13.0								-13.0
14.0								-14.0
15.0								-15.0
15.1	15.1m							-15.0
16.0	End Of Hole @ 15.1m -refusal @ 4.9m - move north 1.5m							-16.0
17.0								-17.0
18.0								-18.0
19.0								-19.0
20.0								-20.0
21.0								-21.0
22.0								-22.0
23.0								-23.0
24.0								-24.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 15.1 m
		REVIEWED BY: -	COMPLETE: 08/11/04
		Fig. No: 43	Page 2 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30124	
Donjek Services Ltd.		UTM ZONE: - N6772909 E633827		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆		PERCENT GRAVEL ■		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			20	40	60	80	
0.0	ORGANIC SILTS												0.0
0.6m	SILTY SANDY GRAVEL -moist, medium dense, brown	☒	200	●	▲		GM		◆		■		-1.0
1.5m	SANDY SILT, some gravel -Frozen -brown	☒	201	●	▲		ML		◆		■		-2.0
3.0m	SILTY SAND -Frozen -brown w/ orange hue -decomposed rock	☒	202	●	▲		SM		◆		■		-4.0
4.9m	SILTY SAND -dry to damp, dense, light brown w/ orange hue -more intact rock with depth	☒	203	●	▲		SM		◆		■		-5.0
6.4m	SILTY SAND, trace gravel -light brown, very dense	☒	204	●	▲		SM		◆		■		-7.0
7.5m	End Of Hole @ 7.5m - Refusal												-8.0
8.0													-9.0
9.0													-10.0
10.0													-11.0
11.0													-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 7.5 m
		REVIEWED BY: -	COMPLETE: 08/11/04
		Fig. No: 42	Page 1 of 1



Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30126	
Donjek Services Ltd.		UTM ZONE: - N6773199 E633699		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	ORGANIC SILTS							0.0
0.4	SANDY SILT, trace gravel -damp to moist, medium dense, brown	☒	191	● ▲	ML	■ ◆		-0.4
1.5	SILTY SAND, some gravel -dry to damp, dense, light brown -rock powder in sample	☒	192	● ▲	SM	■ ◆		-1.5
1.8	End Of Hole @ 1.8m - refusal -refusal @ 1.8m - move south 2m -refusal @ 1.8m - EOH							-1.8
2.0								-2.0
3.0								-3.0
4.0								-4.0
5.0								-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 1.8 m
		REVIEWED BY:	COMPLETE: 08/10/04
		Fig. No: 40	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30126R				
Midnight Sun Drilling Ltd.		UTM ZONE: - N6773197 E633699		PROJECT NO: 8002-318				
Reverse Circulation Air Rotary Drill				ELEVATION:				
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE								
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲	USC	SOIL SYMBOL	◆ PERCENT SAND ◆	ELEVATION(m)
				PLASTIC M.C. LIQUID			■ PERCENT GRAVEL ■	
0.0	AS PER SOILS LOG 30126 -refusal @ 1.8m both attempts							0.0
1.0								-1.0
2.0	ROCK 1.8m -dry, grey -medium dense to dense rock							-2.0
3.0			R78		ROCK			-3.0
4.0								-4.0
5.0	End Of Hole @ 4.6m		R79		ROCK			-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd.
Whitehorse, Yukon

LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
REVIEWED BY: -	COMPLETE: 09/28/04
Fig. No: 128	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30127	
Donjek Services Ltd.		UTM ZONE: - N6773331 E633619		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	ORGANIC SILTS							0.0
0.3m	GRAVELLY SILTY SAND -Frozen, no visible ice -brown		188	▲	SM	■ ◆		-1.0
2.0			189	● ▲	SM	■ ◆		-2.0
4.0	SILTY SAND -dry to damp, dense, light brown -powder in sample		190	● ▲	SM	■ ◆		-4.0
4.6m	End Of Hole @ 4.6m - Refusal -refusal @ 4.6m - move east 2m -refusal @ 4.4m - EOH -rock powder on bit at refusal on both attempts							-5.0
5.0								-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY: -	COMPLETE: 08/10/04
		Fig. No: 39	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30127R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6773336 E633614		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				20	40	60			80	20	40	
0.0	AS PER SOILS LOG 30127 -refusal @ 4.6m & 4.4m											0.0
1.0												-1.0
2.0												-2.0
3.0												-3.0
4.0	SILTY SAND 3.7m -dry to damp, brown/grey -minimal chips in sample -minimal powder, more fine sands -drill advanced steadily -not hard drilling											-4.0
5.0			R80				SM					-5.0
6.0												-6.0
7.0			R81				SM					-7.0
8.0	7.6m End Of Hole @ 7.6m - Cannot Determine Rock											-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 7.6 m
		REVIEWED BY: -	COMPLETE: 09/28/04
		Fig. No: 129	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30128	
Donjek Services Ltd.		UTM ZONE: - N6773445 E633550		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)	
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	ORGANIC SILTS										0.0	
0.0 - 0.3m	GRAVELLY SAND, some silt -dry to damp, medium dense, light brown	☒	184	20	40	60	SW-SM		20	40	60	-0.3
0.3m - 1.5m	SILTY SAND -moist, dense, light brown with odd yellow/green hue -water seepage at approx. 1.5m	☒	185	20	40	60	SM		20	40	60	-1.5
1.5m - 4.6m	SILTY SAND -moist, dense, light brown with odd yellow/green hue	☒	186	20	40	60	SM		20	40	60	-4.6
4.6m - 5.9m	SILTY SAND -moist, dense, light brown with odd yellow/green hue	☒	187	20	40	60	SM		20	40	60	-5.9
5.9m - 12.0m	End Of Hole @ 5.9m -standing water in testhole approx. 100mm below surface during drilling of 4.4 to 4.7m											

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.9 m
		REVIEWED BY: -	COMPLETE: 08/10/04
		Fig. No: 38	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30129	
Donjek Services Ltd.		UTM ZONE: - N6773473 E633531		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

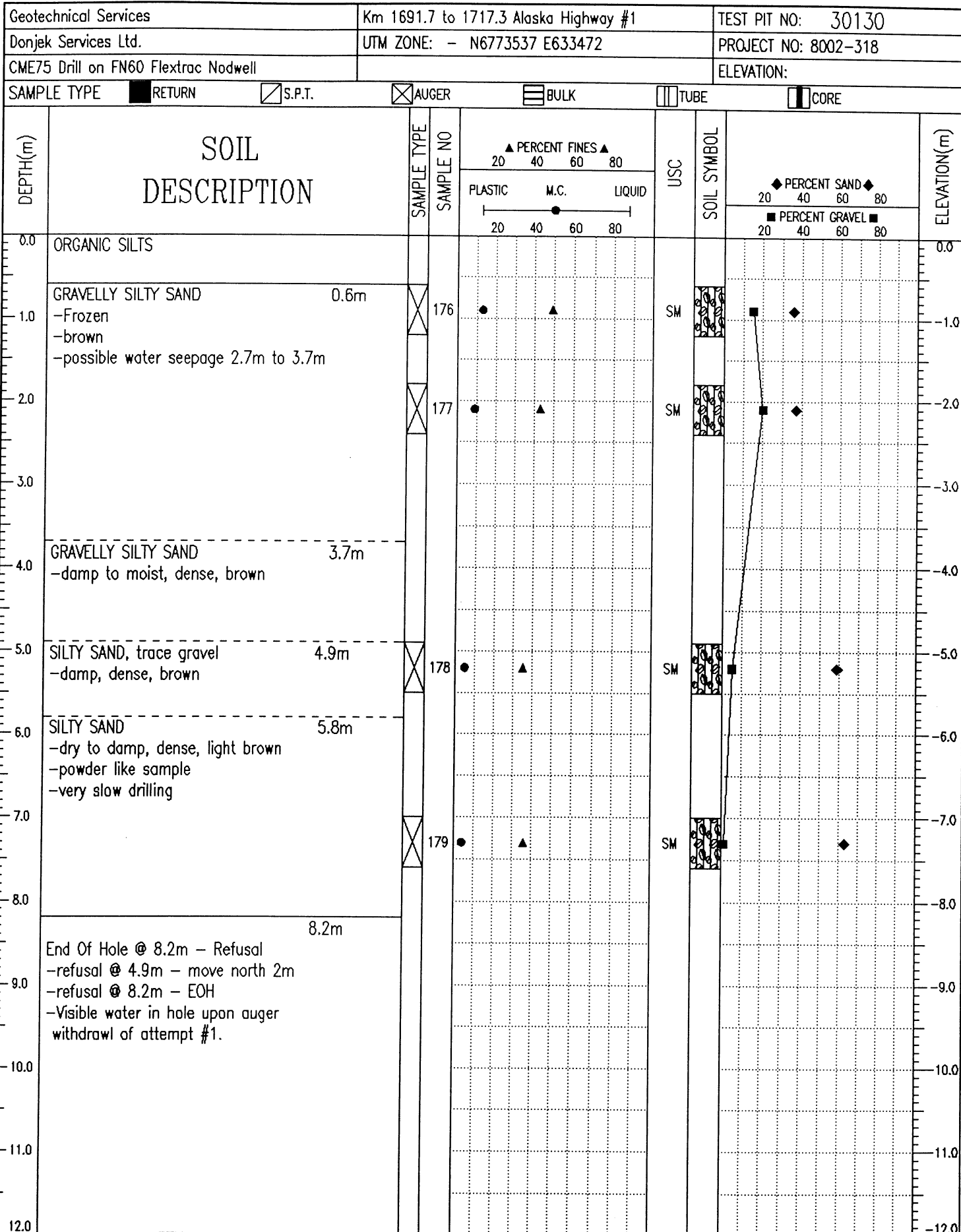
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆		PERCENT GRAVEL ■		ELEVATION(m)
				20	40	60			20	40	60	80	
0.0	ORGANIC SILTS											0.0	
0.6m	SANDY SILT												
1.0	-moist, soft to firm, brown with some black organic silts	☒	181				ML					-1.0	
1.5m	SILTY GRAVELLY SAND												
2.0	-moist to wet, medium dense, brown	☒	182				SM					-2.0	
3.0m	SILTY SAND, some gravel												
3.0	-damp, dense, brown	☒	183				SM					-3.0	
4.0m	End Of Hole @ 4.0m - Refusal												
4.0	-refusal @ 3.7m - move south 1.5m												
5.0	-refusal @ 4.0m - EOH												
6.0												-6.0	
7.0												-7.0	
8.0												-8.0	
9.0												-9.0	
10.0												-10.0	
11.0												-11.0	
12.0												-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4 m
		REVIEWED BY: -	COMPLETE: 08/10/04
		Fig. No: 37	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30129R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6773477 E633527		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE		☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE			

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC M.C. LIQUID					PERCENT SAND		PERCENT GRAVEL	
				20	40	60			20	40	60	
0.0	AS PER SOILS LOG 30129 -refusal @ 3.7m & 4.0m											0.0
4.0	SANDY GRAVEL (Cannot Determine Rock) 3.7m -dry, brown/grey -some rock chips -minimal powder -steady drilling											-4.0
5.0			R82									-5.0
7.0	ROCK 7.0m -dry, grey -significant powder		R83				ROCK					-7.0
7.6	End Of Hole @ 7.6m											-7.6
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd.		LOGGED BY: RW		COMPLETION DEPTH: 7.6 m	
Whitehorse, Yukon		REVIEWED BY: -		COMPLETE: 09/29/04	
		Fig. No: 130		Page 1 of 1	



J. R. Paine & Associates Ltd.
Whitehorse, Yukon

LOGGED BY: RW
REVIEWED BY: -
Fig. No: 36

COMPLETION DEPTH: 8.2 m
COMPLETE: 08/10/04

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30131	
Donjek Services Ltd.		UTM ZONE: - N6773651 E633423		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
0.0	ORGANIC SILTS										0.0
0.3	SANDY SILT, trace gravel -Frozen -brown	☒	173	45	55	75	ML		45	5	-0.3
1.5	SILTY SAND, some gravel -Frozen -brown	☒	174	25	45	65	SM		65	5	-1.5
3.4	SILTY SAND -dry to damp, dense, light brown -rock powder in sample	☒	175	25	45	65	SM		65	5	-3.4
4.0	End Of Hole @ 4.0m - Refusal -refusal @ 4.0m - move north 2.5m -refusal @ 4.0m - EOH -rock powder on bit at refusal on both attempts -visible rock outcropping approx. 10m west of testhole										-4.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon	LOGGED BY: RW	COMPLETION DEPTH: 4 m
	REVIEWED BY: -	COMPLETE: 08/10/04
	Fig. No: 35	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30131R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6773655 E633418		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
											20	
0.0	AS PER SOILS LOGS 30131 -refusal @ 4.0m both attempts											0.0
3.4	ROCK -dry, grey -significant powder -minimal rock chips		R84				ROCK					-4.0
4.9	AS ABOVE -increase rock chips		R85				ROCK					-5.0
6.1	End Of Hole @ 6.1m											-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 6.1 m
		REVIEWED BY: -	COMPLETE: 09/29/04
		Fig. No: 131	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30132	
Donjek Services Ltd.		UTM ZONE: - N6773786 E633337		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆		PERCENT GRAVEL ■	ELEVATION(m)
				20	40	60			80	20		
0.0	ORGANIC SILTS											0.0
1.0	SILTY SAND, trace to some gravel 0.9m -Frozen -brown	☒	170	●	▲		SM		◆			-1.0
2.0		☒	171	●	▲		SM		◆			-2.0
3.0	AS ABOVE 3.2m	☒	172	●	▲		SM		◆			-3.0
4.0	End Of Hole @ 4.0m - Refusal -refusal @ 0.9m - move south 5m -refusal @ 4.0m - EOH -rock powder on bit at refusal on both attempts											-4.0
5.0												-5.0
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4 m
		REVIEWED BY: -	COMPLETE: 08/09/04
		Fig. No: 34	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30132R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6773786 E633333		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30132 -refusal @ 0.9m & 4.0m							0.0
3.4	ROCK (possibly fractured) -dry, grey w/ odd brown seam							-3.4
4.6	ROCK -dry, grey -significant powder -rock chips		R86		ROCK			-4.6
6.4	End Of Hole @ 6.4m		R87		ROCK			-6.4
6.4								-6.4
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 6.4 m
		REVIEWED BY: -	COMPLETE: 09/28/04
		Fig. No: 133	Page 1 of 1

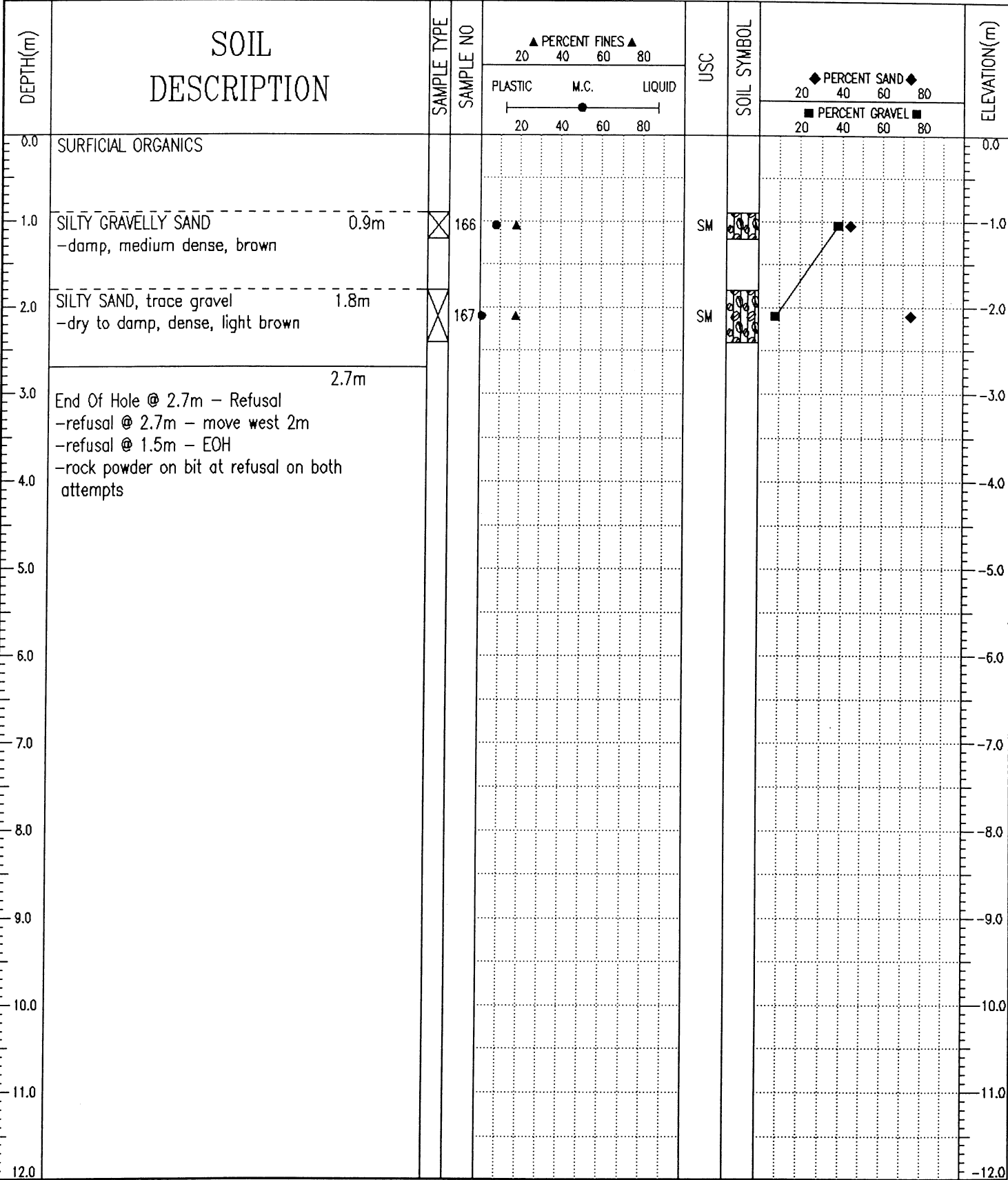
Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30133	
Donjek Services Ltd.		UTM ZONE: - N6673901 E633261		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	ORGANIC SILTS							0.0
0.6	SILTY GRAVELLY SAND							
1.0	-Frozen -brown	☒	168	● ▲	SM		◆ ◆	-1.0
1.8	SILTY SAND							
2.0	-damp, dense, brown	☒	169	● ▲	SM		◆ ◆	-2.0
2.7	End Of Hole @ 2.7m - Refusal							
4.0	-refusal @ 2.7m - move south 3m -refusal @ 2.6m - EOH -rock powder on bit at refusal on both attempts							

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 2.7 m
		REVIEWED BY: -	COMPLETE: 08/09/04
		Fig. No: 33	Page 1 of 1

Geotechnical Services	Km 1691.7 to 1717.3 Alaska Highway #1	TEST PIT NO: 30134
Donjek Services Ltd.	UTM ZONE: - N6674008 E633158	PROJECT NO: 8002-318
CME75 Drill on FN60 Flextrac Nodwell		ELEVATION:

SAMPLE TYPE	☒ RETURN	☒ S.P.T.	☒ AUGER	☐ BULK	☐ TUBE	☐ CORE
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J. R. Paine & Associates Ltd. Whitehorse, Yukon	LOGGED BY: RW	COMPLETION DEPTH: 2.7 m
	REVIEWED BY: -	COMPLETE: 08/09/04
	Fig. No: 32	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30134R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6774009 E633155		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30134 -refusal @ 2.7m & 1.5m							0.0
1.0								-1.0
2.0	ROCK -dry, grey -significant powder -rock chips 1.2m							-2.0
			R89		ROCK			
3.0								-3.0
4.0	End Of Hole @ 4.0m 4.0m							-4.0
			R90		ROCK			
5.0								-5.0
6.0								-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4 m
		REVIEWED BY: -	COMPLETE: 09/28/04
		Fig. No: 135	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30135	
Donjek Services Ltd.		UTM ZONE: - N6674137 E633067		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SURFICAL ORGANICS -Frozen							0.0
1.0	SILTY SAND, some gravel 0.9m -Frozen -brown	☒	164	● ▲	SM	■ ◆		-1.0
2.0	SILTY SAND 1.8m -damp -light brown	☒	165	● ▲	SM	■ ◆		-2.0
3.0	End Of Hole @ 3.0m - Refusal -Some rock powder on bit at depth -refusal @ 1.5m - move south 2m -refusal @ 3.0m - EOH							-3.0
4.0								-4.0
5.0								-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 3 m
		REVIEWED BY: -	COMPLETE: 08/09/04
		Fig. No: 31	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30135R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6674140 E633064		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30135 -refusal @ 1.5m & 3.0m							0.0
1.0								-1.0
2.0								-2.0
2.4	ROCK							
3.0	-possibly fractured -some brown sand infill -some powder							-3.0
3.7	ROCK							
4.0	-dry, grey -significant powder -rock chips -intact		R91		ROCK			-4.0
4.6	End Of Hole @ 4.6m							-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY: -	COMPLETE: 09/28/04
		Fig. No: 136	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30136	
Donjek Services Ltd.		UTM ZONE: - N6674206 E633003		PROJECT NO: 9002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80			USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80			ELEVATION(m)
0.0	SURFICIAL ORGANICS									0.0		
0.6	SILTY SAND, some gravel -Frozen -brown		162				SM			-1.0		
1.5	SILTY SAND -Frozen -brown		163				SM			-2.0		
2.1	End Of Hole @ 2.1m - Refusal -refusal @ 2.1m - move 2m south -refusal @ 2.1m - EOH											
3.0										-3.0		
4.0										-4.0		
5.0										-5.0		
6.0										-6.0		

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 2.1 m
		REVIEWED BY: -	COMPLETE: 08/09/04
		Fig. No: 30	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30136R	
Midnight Sun Drilling Ltd.		UTM ZONE: - N6774199 E633004		PROJECT NO: 8002-318	
Reverse Circulation Air Rotary Drill				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	AS PER SOILS LOG 30136 -refusal @ 2.1m both attempts							0.0
1.0								-1.0
2.0								-2.0
2.4	ROCK							
3.0	-dry, grey -significant powder -rock chips -more intact w/ depth		R92		ROCK			-3.0
4.0								-4.0
4.6			R93		ROCK			-4.6
5.0	End Of Hole @ 4.6m							-5.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.6 m
		REVIEWED BY: -	COMPLETE: 09/28/04
		Fig. No: 137	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 654-2763D	
Donjek Services Ltd.		UTM ZONE: - N6774951 E632672		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	GRAVELLY SAND/SANDY GRAVEL, trace silt -dry, medium dense, brown -boulders noted on surface to 400mm dia.							0.0
1.0		X	W59	▲		SW	◆	-1.0
2.0		X	W60	▲		GP-GM	◆	-2.0
3.0	GRAVELLY SAND, some silt 3.0m -damp to dry, dense, brown -max size gravels augered up: 50mm dia.	X	W61	▲		SM	◆	-3.0
4.0		X	W62	▲		SM	◆	-4.0
5.0		X	W62	▲		SM	◆	-5.0
6.0								-6.0
7.0	End Of Hole @ 6.7m - Refusal -refusal @ 5.2m - move west 1m -refusal @ 4.9m - move west 1m -refusal @ 6.7m - EOH							-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 6.7 m
		REVIEWED BY: -	COMPLETE: 11/01/04
		Fig. No: 98	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30137	
Glacier Drilling		UTM ZONE: - N6775028 E632523		PROJECT NO: 8002-318	
Hitachi EX450 Tracked Hoe				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

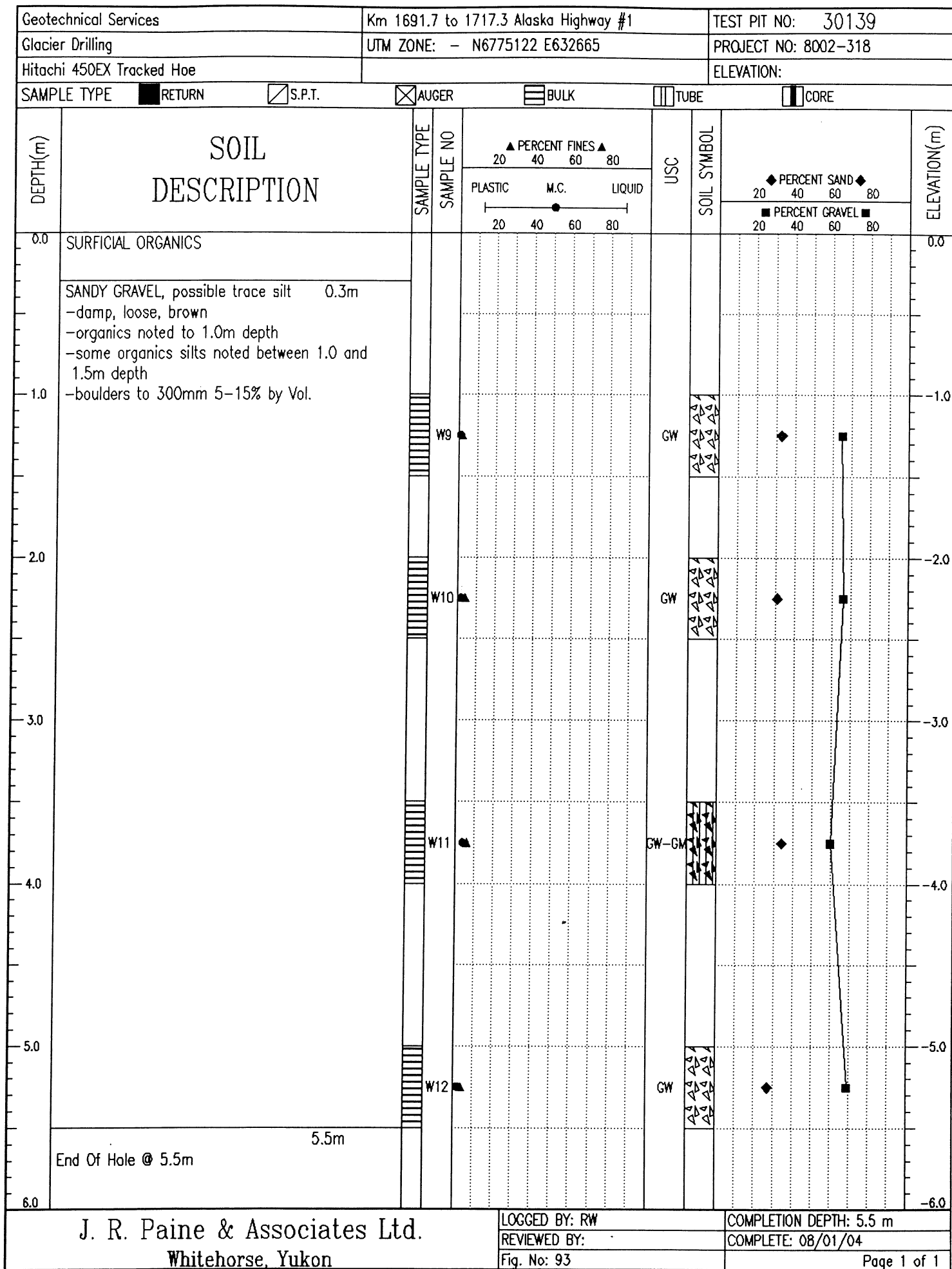
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT GRAVEL ■		
										20	
0.0	SURFICIAL ORGANICS										0.0
0.3	SANDY GRAVEL -damp, medium dense, brown										
1.0			W1				GP				
2.0	SANDY GRAVEL, trace silt -Frozen -brown		W2				GW-GM				
3.0			W3				GP-GM				
4.0			W4				GW				
5.0	End Of Hole @ 5.0m										
6.0											-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5 m
		REVIEWED BY: -	COMPLETE: 07/31/04
		Fig. No: 95	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30138	
Glacier Drilling		UTM ZONE: - N6775066 E632578		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
											20	
0.0	SURFICIAL ORGANICS											0.0
0.3	SANDY GRAVEL -damp, loose, brown -organics noted to 1.0m depth											
0.7	SANDY GRAVEL -damp, medium dense, brown -boulders to 300mm 5-15% by Vol.											
2.0			W5				GP					-2.0
3.0			W6				GW					-3.0
4.0			W7				GP					-4.0
5.0			W8				GW					-5.0
5.3	End Of Hole @ 5.3m											-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.3 m
		REVIEWED BY: -	COMPLETE: 08/01/04
		Fig. No: 94	Page 1 of 1



J. R. Paine & Associates Ltd.

Whitehorse, Yukon

LOGGED BY: RW

REVIEWED BY:

Fig. No: 93

COMPLETION DEPTH: 5.5 m

COMPLETE: 08/01/04

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05/02/10 07:50AM (YIC_HHS)

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30140	
Glacier Drilling		UTM ZONE: - N6775097 E632440		PROJECT NO: 8002-318	
Higuchi 450EX Tracked Hoe				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SURFICIAL ORGANICS							0.0
0.3m	SANDY GRAVEL -damp, loose, brown -organics noted to 0.8m depth -boulders to 300mm 5-15% by Vol.							
1.0			W13		GW			
2.0			W14		GP			
3.0	SANDY GRAVEL -Frozen -brown		W15		GW			
3.6m	AS ABOVE -some visible ice							
4.0								
5.0			W16		GW			
5.1m	End Of Hole @ 5.1m							
6.0								-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.1 m
		REVIEWED BY: -	COMPLETE: 08/01/04
		Fig. No: 92	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30141	
Glacier Drilling		UTM ZONE: - N6775140 E632495		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
0.0	SURFICIAL ORGANICS										0.0
0.3m	SANDY GRAVEL -damp, loose, brown -organics noted to 0.8m depth -boulders to 300mm 5-15% by Vol.		W17				GP				
1.0m	SANDY GRAVEL -damp, medium dense, brown -boulders to 300mm 5-15% by Vol.		W18				GW				
3.2m	SANDY GRAVEL, trace silt -Frozen -brown		W19				GW-GM				
5.0m	End Of Hole @ 5.0m		W20				GP-GM				

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5 m
		REVIEWED BY: -	COMPLETE: 08/01/04
		Fig. No: 91	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30142	
Glacier Drilling		UTM ZONE: - N6775194 E632545		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe				ELEVATION:	
SAMPLE TYPE ☒ RETURN		☒ S.P.T.		☒ AUGER	
		☐ BULK		☐ TUBE	
				☐ CORE	

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
											20	
0.0	SURFICAL ORGANICS											0.0
0.3	SANDY GRAVEL -damp, loose, brown -organics noted to 0.6m depth -boulders to 300mm 5-15% by Vol.											
0.8	AS ABOVE											
1.0	-medium dense											-1.0
2.0												-2.0
3.0												-3.0
3.2	SANDY GRAVEL -Frozen -brown											
4.0	SILTY GRAVELLY SAND -Frozen -brown											-4.0
5.0	End Of Hole 5.0m											-5.0
6.0												-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5 m
		REVIEWED BY:	COMPLETE: 08/01/04
		Fig. No: 90	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30142D	
Donjek Services Ltd.		UTM ZONE: - N6775193 E632558		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)			
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL				
0.0	SANDY GRAVEL, trace silt -dry to damp, medium dense, brown -max size gravels augered up: 50mmm dia.			20	40	60	80			20	40	60	80	0.0
1.0			W55					GW-GM						-1.0
2.0			W56					GW-GM						-2.0
3.0	SILTY GRAVELLY SAND -damp to moist, dense, brown													-3.0
4.0			W57					SM						-4.0
5.0			W58					SM						-5.0
6.0														-6.0
7.0														-7.0
8.0														-8.0
9.0	End Of Hole @ 8.3m - Refusal -refusal @ 3.7m - move south 1m -refusal @ 8.2m - move south 1m -refusal @ 5.2m - EOH -lost 3 stems & bit downhole on attempt #2													-9.0
10.0														-10.0
11.0														-11.0
12.0														-12.0

J. R. Paine & Associates Ltd.		LOGGED BY: RW		COMPLETION DEPTH: 8.2 m	
Whitehorse, Yukon		REVIEWED BY: -		COMPLETE: 11/01/04	
		Fig. No: 97		Page 1 of 1	

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30143	
Glacier Drilling		UTM ZONE: - N6775245 E632619		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PLASTIC M.C. LIQUID			USC	SOIL SYMBOL	PERCENT SAND PERCENT GRAVEL		ELEVATION(m)
				20 40 60 80	20 40 60 80	20 40 60 80			20 40 60 80	20 40 60 80	
0.0	SURFICIAL ORGANICS										0.0
0.3m	SANDY GRAVEL -damp, loose, brown -organics noted to 0.5m -boulders to 300mm 5-15% by Vol.		W25				GW				-0.3
2.0	GRAVELLY SAND, trace silt -Frozen, visible ice crystals to 5mm thickness -brown		W26				SW-SM				-2.0
3.3m	SANDY GRAVEL -moist, medium dense, brown		W27				GW				-3.3
4.0m	SANDY GRAVEL, trace silt -moist, medium dense, brown		W28				GP-GM				-4.0
5.0m	End Of Hole @ 5.0m										-5.0
6.0											-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5 m
		REVIEWED BY: -	COMPLETE: 08/02/04
		Fig. No: 89	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30144	
Glacier Drilling		UTM ZONE: - N6775254 E632303		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆			ELEVATION(m)
				PLASTIC M.C. LIQUID					PERCENT GRAVEL ■			
				20	40	60			20	40	60	
0.0	SURFICAL ORGANICS											0.0
0.4	SANDY GRAVEL, trace to some silt -damp, loose, brown											
1.4	SANDY GRAVEL, trace silt -saturated, medium dense, brown											
1.8	SANDY GRAVEL/GRAVELLY SAND -Frozen -brown											
2.9			W29				GP-GM					
3.0			W30				GW					
4.1			W31				GW					
5.0	End Of Hole @ 5.0m		W32				SW					
6.0												-6.0

J. R. Paine & Associates Ltd.		LOGGED BY: RW	COMPLETION DEPTH: 5 m
Whitehorse, Yukon		REVIEWED BY: -	COMPLETE: 08/02/04
		Fig. No: 88	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30145	
Glacier Drilling		UTM ZONE: - N6775287 E632345		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

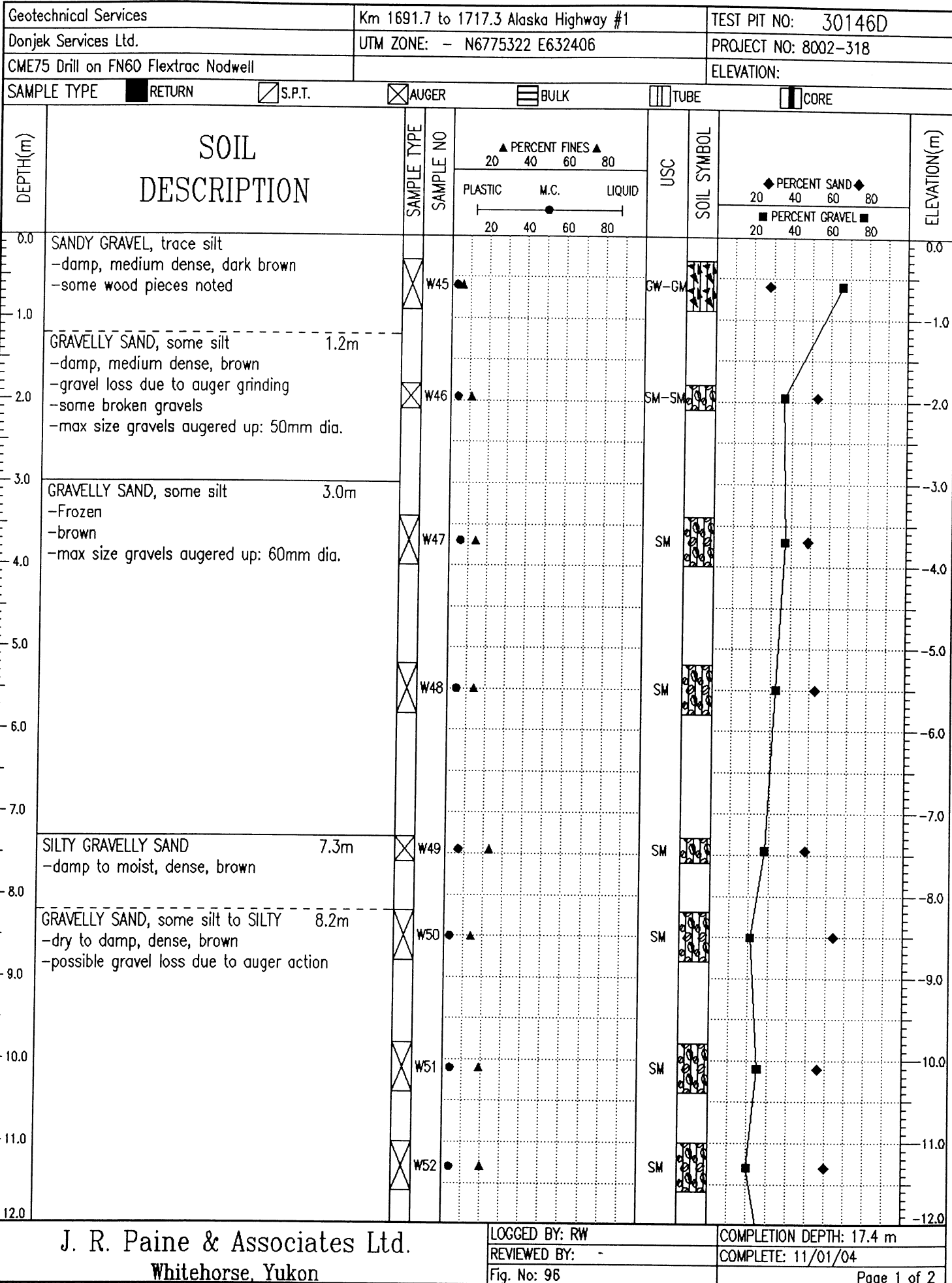
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	SURFICIAL ORGANICS											0.0
0.5	GRAVELLY SAND, some silt -damp, loose, brown -organics noted to 0.8m depth											
1.0	SANDY GRAVEL -damp, medium dense, brown -cobbles to 200mm 0-10% by Vol.		W33				GW					-1.0
1.9	SANDY GRAVEL, trace to some silt -Frozen -brown		W34				GP-GM					-2.0
3.0			W35				GM					-3.0
4.8	End Of Hole @ 4.8m		W36				GW-GM					-5.0
6.0												-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.8 m
		REVIEWED BY: -	COMPLETE: 08/02/04
		Fig. No: 87	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30146	
Glacier Drilling		UTM ZONE: - N6775326 E632400		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe				ELEVATION:	
SAMPLE TYPE ☒ RETURN		☒ S.P.T.		☒ AUGER	
		☐ BULK		☐ TUBE	
				☐ CORE	

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)		
				20	40	60			80	20	40		60	80
0.0	SURFICIAL ORGANICS											0.0		
0.4	SANDY GRAVEL -damp, loose, brown -organics noted to 0.8m depth -boulders to 300mm 5-10% by Vol.													
1.0	AS ABOVE -medium dense													
1.0			W37				GW							
2.0														
3.0			W38				GW							
3.0														
3.2	SANDY GRAVEL -Frozen -brown -cobbles to 200mm 5-10% by Vol.													
4.0			W39				GW							
4.0														
4.8			W40				GW							
5.0	End Of Hole @ 4.8m													
6.0												-6.0		

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.8 m
		REVIEWED BY: -	COMPLETE: 08/02/04
		Fig. No: 86	Page 1 of 1



Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30146D	
Donjek Services Ltd.		UTM ZONE: - N6775322 E632406		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
12.0	SILTY GRAVELLY SAND -dry to damp, dense, brown -difficult to obtain sample due to reverse auger action on withdrawal 12.2m							-12.0
13.0		☒	W53	● ▲	SM		◆ ■	-13.0
14.0		☒	W54	● ▲	SM		◆ ■	-14.0
15.0								-15.0
16.0								-16.0
17.0								-17.0
18.0	17.4m End Of Hole @ 17.4m - Augers Binding -no sample beyond 14.6m due to reverse auger from 17.4m to 14.6m							-18.0
19.0								-19.0
20.0								-20.0
21.0								-21.0
22.0								-22.0
23.0								-23.0
24.0								-24.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 17.4 m
		REVIEWED BY: -	COMPLETE: 11/01/04
		Fig. No: 96	Page 2 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30147	
Glacier Drilling		UTM ZONE: - N6775365 E632444		PROJECT NO: 8002-318	
Hitachi 450EX Tracked Hoe				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
				20 40 60 80	20 40 60 80	20 40 60 80			20 40 60 80	20 40 60 80	
0.0	SURFICAL ORGANICS										0.0
0.4m	GRAVELLY SAND -damp, loose, brown						SW				
1.0m	SANDY GRAVEL -damp, medium dense, brown -boulders to 300mm 0-10% by Vol.										-1.0
2.0m											-2.0
3.0m							GW				-3.0
3.5m	SANDY GRAVEL, trace silt -Frozen -brown -boulders to 300mm 0-10% by Vol.						GW-GW				-4.0
4.0m											-4.0
4.8m	End Of Hole @ 4.8m						GW				-5.0
6.0m											-6.0

J. R. Paine & Associates Ltd.		LOGGED BY: RW	COMPLETION DEPTH: 4.8 m
Whitehorse, Yukon		REVIEWED BY: -	COMPLETE: 08/02/04
		Fig. No: 85	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30148	
Donjek Services Ltd.		UTM ZONE: - N6775613 E632037		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	ORGANIC SILTS							0.0
1.0	SILTY SAND, some gravel 0.9m -Frozen -dark brown -some organic silts	☒	158	● ▲	SM	■ ◆		-1.0
2.0	SILTY SAND, some gravel to GRAVELLY 1.8m -Frozen -brown	☒	159	● ▲	SM	■ ◆		-2.0
4.0		☒	160	● ▲	SM	■ ◆		-4.0
5.0	Pulverized rock sample @ refusal	☒	161	●				-5.0
5.2	End Of Hole @ 5.2m - Refusal							-5.2
6.0	-refusal @ 5.2m - move north 2m -refusal @ 5.2m - EOH							-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.2 m
		REVIEWED BY: -	COMPLETE: 08/03/04
		Fig. No: 29	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30149	
Donjek Services Ltd.		UTM ZONE: - N6775666 E631983		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	ORGANIC SILTS											0.0
1.0	SILTY GRAVELLY SAND -Frozen -brown	X	154	●	▲		SM		■	◆		-1.0
2.0	GRAVELLY SILTY SAND -Frozen -brown	X	155	●	▲		SM		■	◆		-2.0
4.0	SILTY SAND, trace gravel -Frozen -brown	X	156	●	▲		SM		■	◆		-4.0
5.0	Pulverized rock powder sample @ refusal	X	157	●								-5.0
5.5	End Of Hole @ 5.5m - Refusal -refusal @ 4.7m - move north 2m -refusal @ 5.5m - EOH											-5.5

J. R. Paine & Associates Ltd. Whitehorse, Yukon	LOGGED BY: RW	COMPLETION DEPTH: 5.5 m
	REVIEWED BY: -	COMPLETE: 08/03/04
	Fig. No: 28	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30150	
Donjek Services Ltd.		UTM ZONE: - N6775739 E631923		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆			ELEVATION(m)
				PLASTIC M.C. LIQUID					PERCENT GRAVEL ■			
				20 40 60 80	20 40 60 80	20 40 60 80			20 40 60 80	20 40 60 80		
0.0	ORGANIC SILTS										0.0	
0.6m	SILTY GRAVELLY SAND											
1.0	-Frozen -brown/grey	X	147	●	▲		SM	■	◆		-1.0	
1.8m	SILTY SAND, trace gravel											
2.0	-Frozen -brown	X	148	●	▲		SM	■	◆		-2.0	
3.7m	SILTY SAND											
4.0	-Frozen -brown	X	149	●	▲		SM	■	◆		-4.0	
5.5m	Pulverized rock powder sample @ 5.5m refusal	X	150	●							-5.5	
7.0		X	151	●	▲		SM	■	◆		-7.0	
8.0		X	152	●	▲		SM	■	◆		-8.0	
10.0		X	153	●	▲		SM	■	◆		-10.0	
10.7m	End Of Hole @ 10.7m -refusal @ 5.5m - move north 2m										-10.7	
12.0											-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 10.7 m
		REVIEWED BY: -	COMPLETE: 08/03/04
		Fig. No: 27	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30151	
Donjek Services Ltd.		UTM ZONE: - N6775813 E631868		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	ORGANIC SILTS --Frozen											0.0
1.0	SILTY SAND, trace gravel --Frozen --brown	☒	144				SM					-1.0
2.0		☒	145				SM					-2.0
3.0	Pulverized rock sample @ refusal --damp, light brown	☒	146									-3.0
4.0	End Of Hole @ 4.0m - Refusal --refusal @ 3.2m - move south 2m --refusal @ 4.0m - EOH											-4.0
5.0												-5.0
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4 m
		REVIEWED BY: -	COMPLETE: 08/03/04
		Fig. No: 26	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30152	
Donjek Services Ltd.		UTM ZONE: - N6775939 E631805		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC M.C. LIQUID					PERCENT SAND	PERCENT GRAVEL		
				20 40 60 80	20 40 60 80	20 40 60 80						
0.0	GRAVELLY SAND, some silt -damp, medium dense, brown/grey	☒	140	●	▲		SW-SM		■	◆	0.0	
2.1	SILTY SAND -damp, medium dense, brown w/ some dark organic silts	☒	141	●	▲		SM		■	◆	-2.1	
3.0	SANDY SILT -damp, medium dense, brown	☒	142	●	▲		ML		■	◆	-3.0	
5.2	Pulveized rock sample @ refusal -dry to damp, light grey	☒	143	●	▲		SM		■	◆	-5.2	
5.2	End Of Hole @ 5.2m - Refusal Testhole located in existing ditch										-5.2	
6.0											-6.0	
7.0											-7.0	
8.0											-8.0	
9.0											-9.0	
10.0											-10.0	
11.0											-11.0	
12.0											-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.2 m
		REVIEWED BY: -	COMPLETE: 08/03/04
		Fig. No: 25	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30153	
Donjek Services Ltd.		UTM ZONE: - N6776010 E631728		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT GRAVEL ■			
				20 40 60 80	20 40 60 80	20 40 60 80			20 40 60 80	20 40 60 80		
0.0	SURFICAL ORGANICS										0.0	
0.15m	SILTY SAND, some gravel -moist, loose, brown -organics noted to 0.6m depth	X	135	●	▲		SM		■	◆	-1.0	
1.2m	SILTY SAND, trace gravel -Frozen -brown	X	136	●	▲		SM		■	◆	-2.0	
3.0m	SILTY SAND, some gravel -damp, dense, brown	X	137	●							-3.0	
5.2m	SANDY SILT -damp, medium dense, brown/dark grey -easier drilling @ 5.2m	X	138	●	▲		ML		■	◆	-5.0	
7.6m	Pulverized rock sample @ refusal -dry, damp, light grey	X	139	●							-8.0	
7.6m	End Of Hole @ 7.6m - Refusal -refusal @ 7.6m - move east 1m -refusal @ 3.7m - EOH										-8.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 7.6 m
		REVIEWED BY: -	COMPLETE: 08/03/04
		Fig. No: 24	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30154	
Donjek Services Ltd.		UTM ZONE: - N6776060 E631698		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

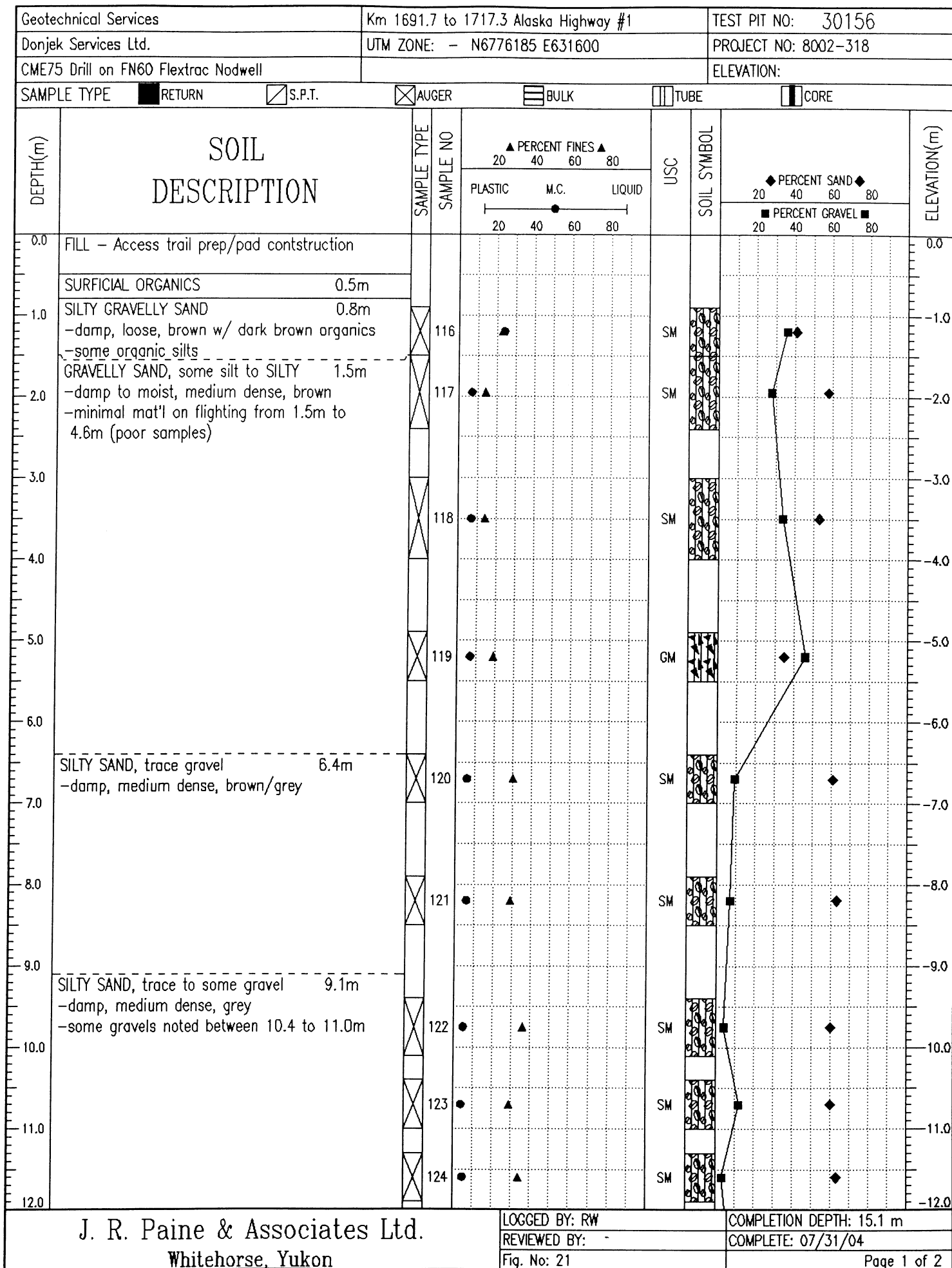
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SURFICIAL ORGANICS							0.0
0.0 - 0.3	GRAVELLY SILTY SAND -Frozen -brown/grey	X	132	● ▲	SM	[Symbol]	■ ◆	-0.3
0.3 - 1.5	SILTY SAND -Frozen -brown	X	133	● ▲	SM	[Symbol]	■ ◆	-1.5
1.5 - 3.0	GRAVELLY SILTY SAND -Frozen -brown	X	134	● ▲	SM	[Symbol]	■ ◆	-3.0
3.0 - 5.3	End Of Hole @ 5.3m - Refusal -refusal @ 5.3m - move east 1m -refusal @ 2.4m - EOH							-5.3

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.3 m
		REVIEWED BY:	COMPLETE: 07/31/04
		Fig. No: 23	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30155	
Donjek Services Ltd.		UTM ZONE: - N6776117 E631643		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆		PERCENT GRAVEL ■	ELEVATION(m)			
				20	40	60			80	20			40	60	80
0.0	SURFICAL ORGANICS ORGANIC SILTS -damp, firm, dark brown											0.0			
0.1m															
1.0	SILTY GRAVELLY SAND -damp to moist, medium dense, brown	☒	127	●	▲		SM					-1.0			
1.5m	GRAVELLY SAND, some silt to SILTY -Frozen -brown	☒	128	●	▲		SM					-2.0			
2.0		☒													
2.5		☒	129	●	▲		SM					-3.0			
3.0		☒													
3.5		☒													
4.0		☒	130	●	▲		SM					-4.0			
4.5		☒													
4.6m	SILTY GRAVELLY SAND -Frozen -brown	☒	131	●	▲		SM					-5.0			
5.0															
6.0															
7.0	End Of Hole @ 7.0m - Refusal -refusal 3.0m - move east 1m -refusal 7.0m - move east 2m -refusal 4.0m - EOH											-7.0			
8.0												-8.0			
9.0												-9.0			
10.0												-10.0			
11.0												-11.0			
12.0												-12.0			

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 7 m
		REVIEWED BY: -	COMPLETE: 07/31/04
		Fig. No: 22	Page 1 of 1



Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30156	
Donjek Services Ltd.		UTM ZONE: - N6776185 E631600		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

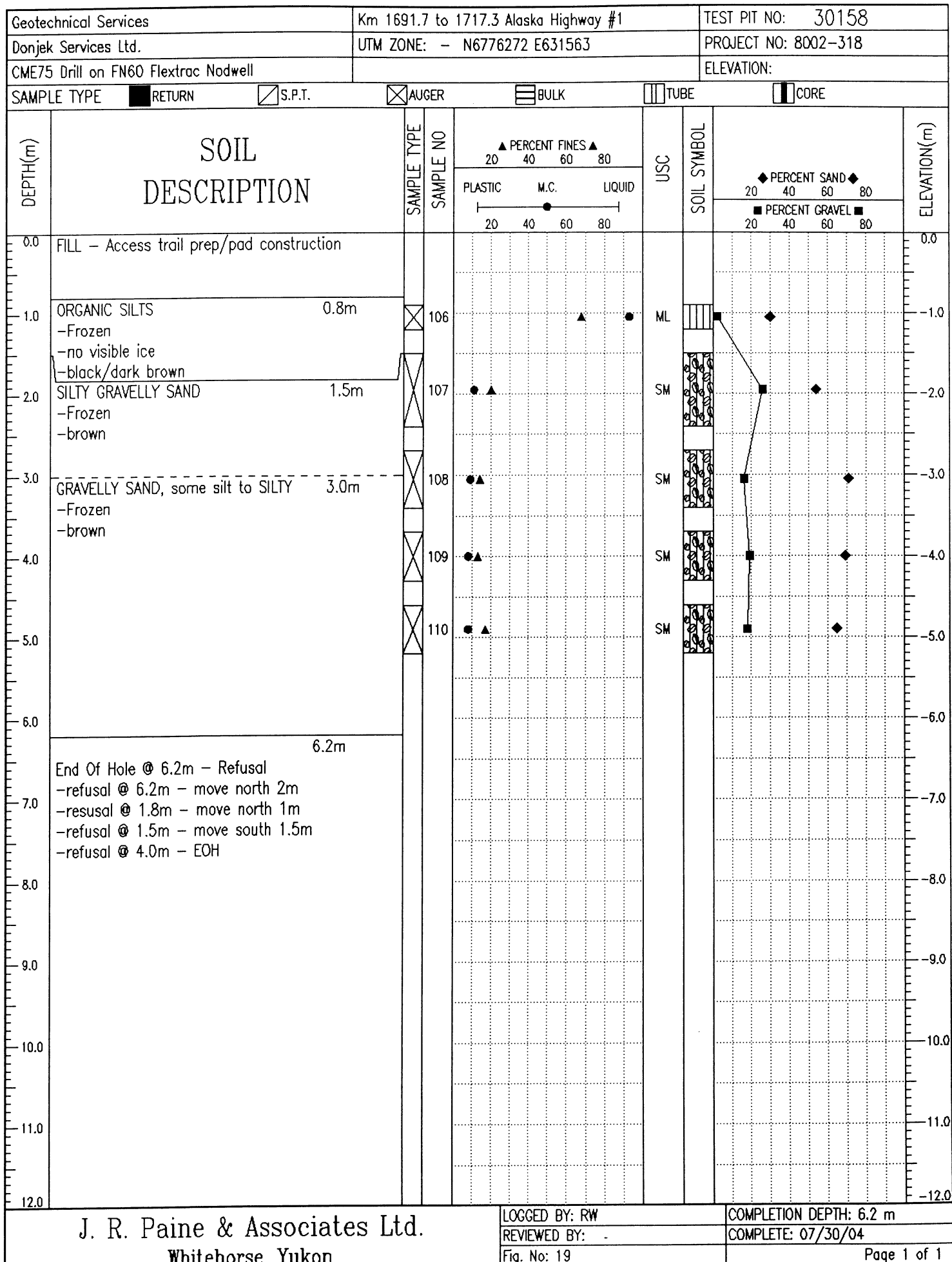
DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
12.0							-12.0	
13.0			125	● ▲	SM	■ ◆	-13.0	
14.0			126	● ▲	SM	■ ◆	-14.0	
15.0	End Of Hole @ 15.1m						-15.0	
16.0							-16.0	
17.0							-17.0	
18.0							-18.0	
19.0							-19.0	
20.0							-20.0	
21.0							-21.0	
22.0							-22.0	
23.0							-23.0	
24.0							-24.0	

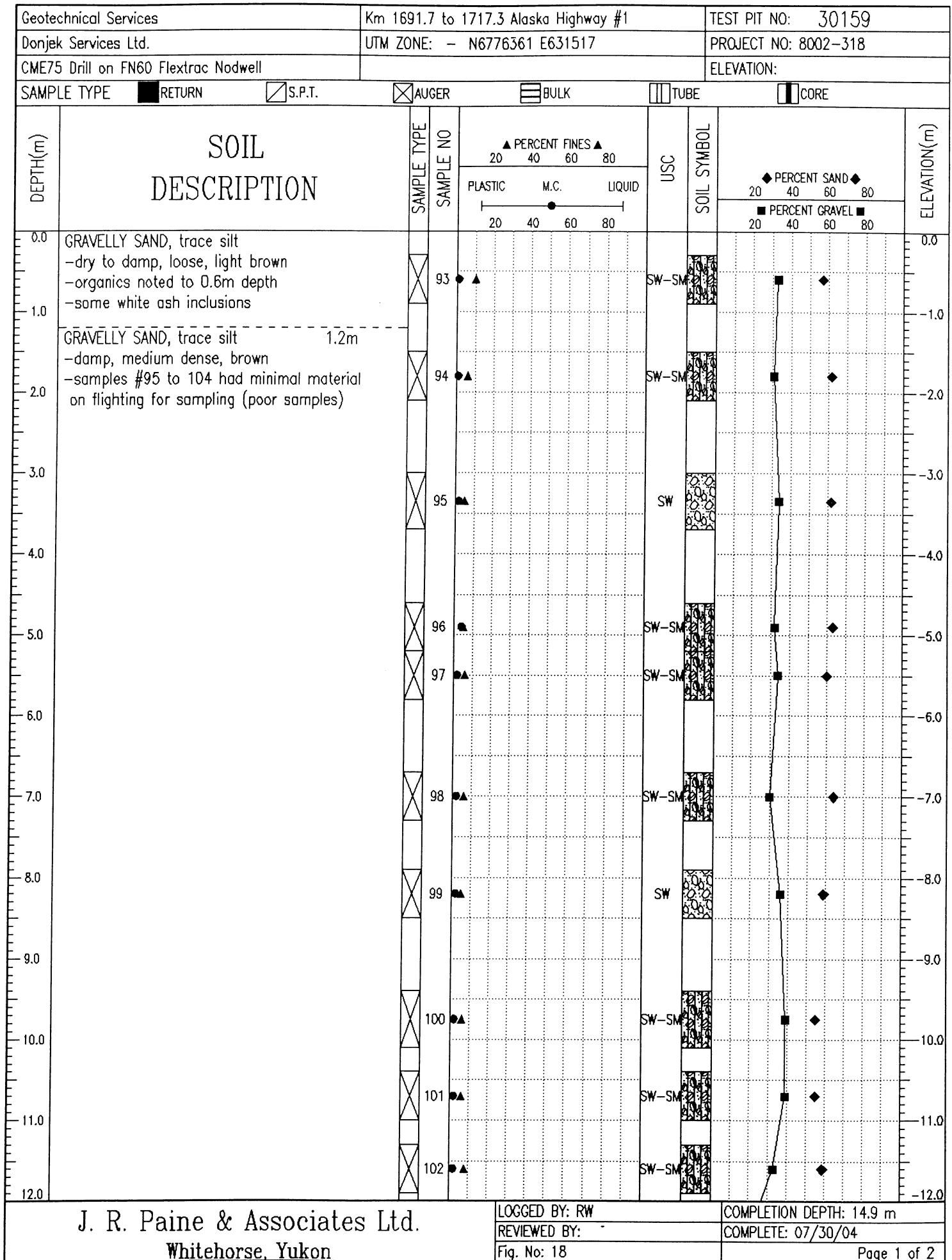
J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 15.1 m
		REVIEWED BY: -	COMPLETE: 07/31/04
		Fig. No: 21	Page 2 of 2

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30157	
Donjek Services Ltd.		UTM ZONE: - N6776190 E631655		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SURFICIAL ORGANICS							0.0
0.1	SANDY GRAVEL, trace to some silt							
	-damp, medium dense, brown							
	-samples #114 & 115 had minimal material on flighting for sampling (poor samples)							
1.0			111	● ▲		GW-GM	◆ ■	-1.0
2.0			112	● ▲		GM	◆ ■	-2.0
3.0			113	● ▲		SM	◆ ■	-3.0
4.0			114	● ▲		SM	◆ ■	-4.0
5.0			115	● ▲		SM	◆ ■	-5.0
5.8	End Of Hole @ 5.8m							-6.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.8 m
		REVIEWED BY: -	COMPLETE: 07/30/04
		Fig. No: 20	Page 1 of 1

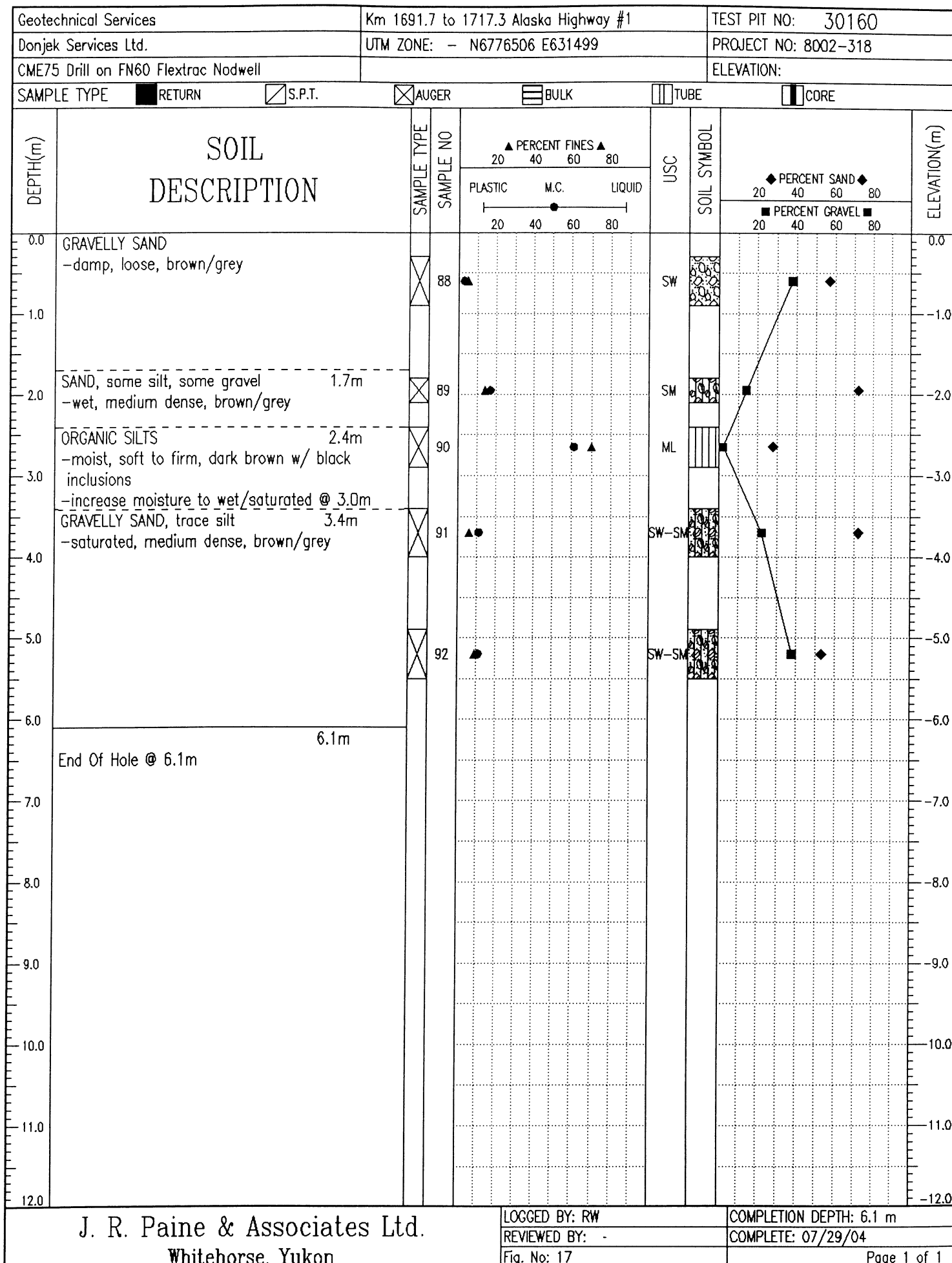




Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30159	
Donjek Services Ltd.		UTM ZONE: - N6776361 E631517		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
12.0								-12.0
13.0	SILTY SAND, some gravel -moist, medium dense, brown	X	103	● ▲	SM		■ ◆	-13.0
14.0	GRAVELLY SAND, some silt -damp, medium dense, brown	X	104	● ▲	SW-SM		■ ◆	-14.0
15.0		X	105	● ▲	SW-SM		■ ◆	-15.0
14.9	End Of Hole @ 14.9m							-14.9
16.0								-16.0
17.0								-17.0
18.0								-18.0
19.0								-19.0
20.0								-20.0
21.0								-21.0
22.0								-22.0
23.0								-23.0
24.0								-24.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 14.9 m
		REVIEWED BY:	COMPLETE: 07/30/04
		Fig. No: 18	Page 2 of 2



Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30161	
Donjek Services Ltd.		UTM ZONE: - N6776711 E631513		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC M.C. LIQUID					PERCENT SAND	PERCENT GRAVEL		
				20 40 60 80	20 40 60 80	20 40 60 80						
0.0	SURFICAL ORGANCIS										0.0	
0.2	SANDY GRAVEL, trace silt -damp to moist, loose, brown		83	●▲			GP-GM		◆■		-0.8	
1.0	SANDY GRAVEL/GRAVELLY SAND, trace silt		84	●▲			GP-GM		◆■		-1.8	
2.0												
3.0												
4.0	SILTY SANDY GRAVEL		85	●▲			SW-SM		◆■		-3.5	
4.4	GRAVELLY SAND, some silt		86	●▲			GM		◆■		-4.2	
5.0			87	●▲			SM		◆■		-5.2	
5.8	End Of Hole @ 5.8m										-5.8	
6.0											-6.0	
7.0											-7.0	
8.0											-8.0	
9.0											-9.0	
10.0											-10.0	
11.0											-11.0	
12.0											-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.8 m
		REVIEWED BY:	COMPLETE: 07/29/04
		Fig. No: 16	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30162	
Donjek Services Ltd.		UTM ZONE: - N6776914 E631538		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)		
				20	40	60			80	20	40		60	80
0.0	SANDY GRAVEL, trace silt -damp to moist, loose, brown	☒	77									0.0		
0.9	GRAVELLY SILTY SAND -moist to wet, medium dense, brown	☒	78									-1.0		
2.4	GRAVELLY SAND, trace silt -moist, medium dense, brown	☒	79									-2.0		
3.0		☒	80									-3.0		
4.6	SILTY GRAVELLY SAND -moist, medium dense, brown	☒	81									-4.0		
5.2	GRAVELLY SAND, trace silt -moist, medium dense, brown	☒	82									-5.0		
5.8	-possible gravel loss on sample #82											-6.0		
5.8	End Of Hole @ 5.8m											-6.0		
7.0												-7.0		
8.0												-8.0		
9.0												-9.0		
10.0												-10.0		
11.0												-11.0		
12.0												-12.0		

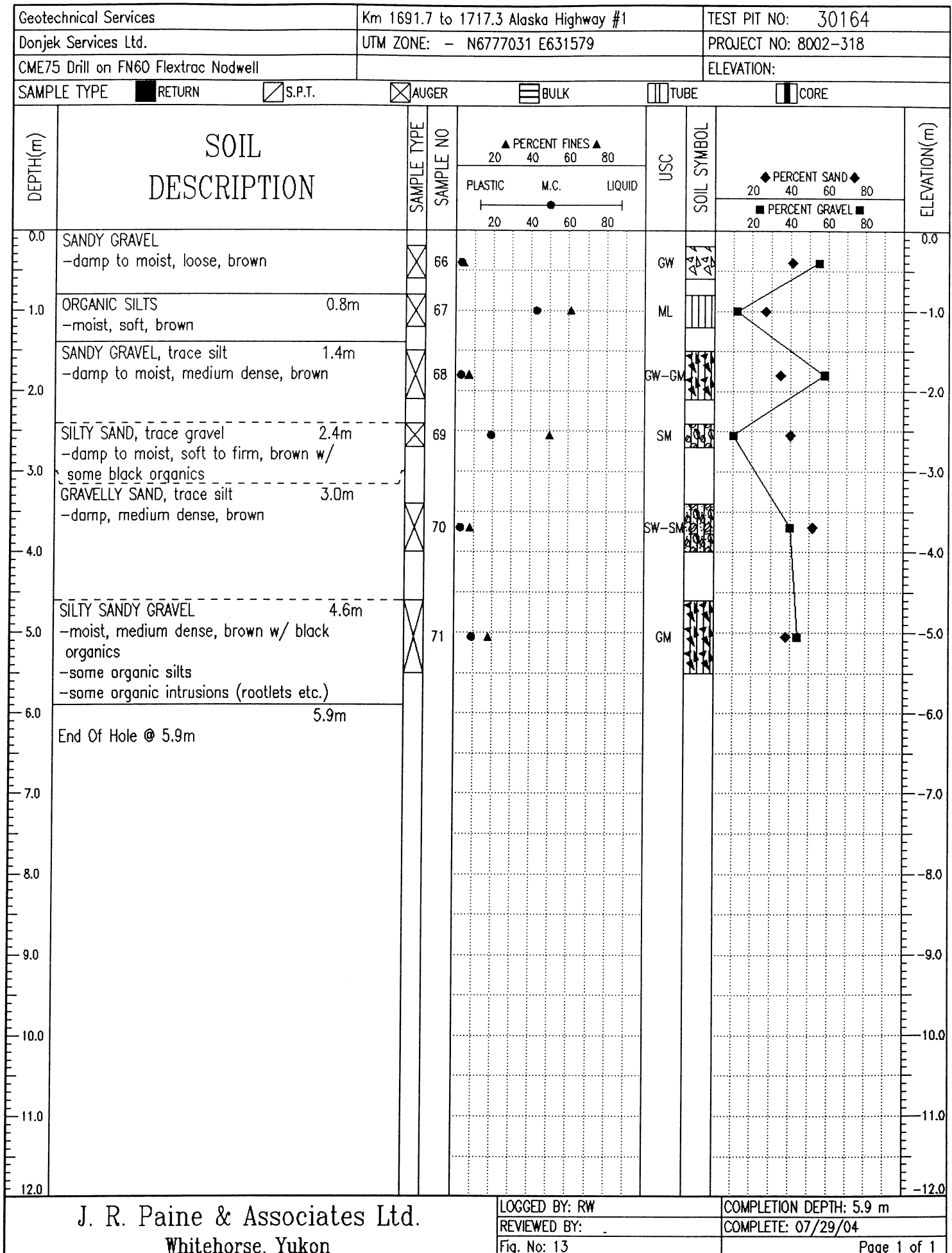
J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.8 m
		REVIEWED BY: -	COMPLETE: 07/29/04
		Fig. No: 15	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30163	
Dorjrek Services Ltd.		UTM ZONE: - N6776900 E631563		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆		PERCENT GRAVEL ■		ELEVATION(m)
				20	40	80			20	40	60	80	
0.0	SANDY GRAVEL, some silt -damp to moist, loose, brown -silt seam noted between 0.6 & 0.8m		72	20	40	80	SM		20	40	60	80	0.0
1.0													
1.5m	GRAVELLY SILTY SAND -moist, soft, brown -some organics noted (rootlets)		73	20	40	80	SM		20	40	60	80	-1.0
2.0													
2.0m	SANDY GRAVEL/GRAVELLY SAND, trace silt -moist, medium dense, brown -some oxidation on gravels		74	20	40	80	SM		20	40	60	80	-2.0
3.0													
4.0			75	20	40	80	GW-GM		20	40	60	80	-4.0
5.0													
5.2m	GRAVELLY SAND, trace silt -saturated, medium dense, brown		76	20	40	80	SW-SM		20	40	60	80	-5.0
5.8m	End Of Hole @ 5.8m												-5.8
6.0													
7.0													
8.0													
9.0													
10.0													
11.0													
12.0													

J. R. Paine & Associates Ltd.
Whitehorse, Yukon

LOGGED BY: RW	COMPLETION DEPTH: 5.8 m
REVIEWED BY: -	COMPLETE: 07/29/04
Fig. No: 14	Page 1 of 1



Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30165	
Donjek Services Ltd.		UTM ZONE: - N6777126 E631607		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆		ELEVATION(m)			
				20	40	60			80	20		40	60	80
0.0	SANDY GRAVEL, trace silt -damp, loose, brown	☒	61	20	40	60	80	GP-GM	20	40	60	80	0.0	
1.2	GRAVELLY SAND, trace silt -dry to damp, medium dense, light brown -possible gravel loss on sample #62	☒	62	20	40	60	80	SW-SM	20	40	60	80	-1.2	
3.4	SANDY SILT, trace gravel -damp, medium dense, brown	☒	63	20	40	60	80	ML	20	40	60	80	-3.4	
4.1	SILTY GRAVELLY SAND -damp, medium dense, brown	☒	64	20	40	60	80	SM	20	40	60	80	-4.1	
4.9	SANDY SILT, trace gravel -moist to wet, medium dense, brown -increase moisture to wet @ 5.5m	☒	65	20	40	60	80	ML	20	40	60	80	-4.9	
5.8	End Of Hole @ 5.8m												-5.8	
6.0													-6.0	
7.0													-7.0	
8.0													-8.0	
9.0													-9.0	
10.0													-10.0	
11.0													-11.0	
12.0													-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.8 m
		REVIEWED BY: -	COMPLETE: 07/29/04
		Fig. No: 12	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30166	
Donjek Services Ltd.		UTM ZONE: - N6777139 E631583		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☒ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SURFICIAL ORGANICS							0.0
0.1	GRAVELLY SAND, trace silt -damp, medium dense, brown	☒	56	● ▲	SW-SM		◆	-0.1
1.5	SANDY SILT, trace gravel -damp, medium dense, brown	☒	57	● ▲	ML		◆	-1.5
1.8	SANDY GRAVEL, some silt -damp to moist, medium dense, brown	☒	58	● ▲	GM		◆ ■	-1.8
3.0	SILTY SANDY GRAVEL -moist, medium dense, brown -silty seams throughout	☒	59	● ▲	GM		◆ ■	-3.0
4.0	SILTY GRAVELLY SAND -moist, medium dense, brown	☒	60	● ▲	SM		◆ ■	-4.0
5.5	End Of Hole @ 5.5m							-5.5

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.5 m
		REVIEWED BY: -	COMPLETE: 07/28/04
		Fig. No: 11	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30167	
Donjek Services Ltd.		UTM ZONE: - N6777298 E631589		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
0.0	SURFICAL ORGANICS										0.0
0.05	SILTY SAND, some gravel -damp, loose, brown -some organics noted		51				GW-GM				-1.0
0.5	SANDY GRAVEL, trace silt -damp, medium dense, brown		52				GM				-2.0
1.5	SANDY SILTY GRAVEL -moist, medium dense, brown		53				GP-GM				-3.0
2.3	SANDY GRAVEL, trace silt -damp, medium dense, brown		54				SM				-4.0
3.4	SANDY GRAVEL/GRAVELLY SAND, some silt -damp to moist, medium dense, brown -some oxidation noted		55				GM				-5.0
5.8	End Of Hole @ 5.8m										-6.0
6.0											-7.0
7.0											-8.0
8.0											-9.0
9.0											-10.0
10.0											-11.0
11.0											-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.8 m
		REVIEWED BY: .	COMPLETE: 07/28/04
		Fig. No: 10	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30168	
Donjek Services Ltd.		UTM ZONE: - N6777587 E631509		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
				20 40 60 80	20 40 60 80	20 40 60 80			20 40 60 80	20 40 60 80	
0.0	SURFICIAL ORGANICS										0.0
0.2m	SILTY GRAVELLY SAND -damp, loose, brown	X	45	●	▲		SM		◆	■	-0.2
0.6m	SANDY GRAVEL, trace silt -damp, medium dense, brown	X	46	●	▲		GP-GM		◆	■	-0.6
1.8m	SILTY SANDY GRAVEL -moist, medium dense, brown	X	47	●	▲		GM		◆	■	-1.8
2.7m	GRAVELLY SAND, trace to some silt -damp, medium dense, brown										
4.0m		X	48	●	▲		SM		◆	■	-4.0
4.9m		X	49	●	▲		SW-SM		◆	■	-4.9
5.5m	SANDY GRAVELLY SILT -moist, firm, light brown w/ some black organics -some gravel in sample #50 is from top of hole	X	50	●	▲		ML		◆	■	-5.5
5.8m	End Of Hole @ 5.8m										-5.8
6.0											-6.0
7.0											-7.0
8.0											-8.0
9.0											-9.0
10.0											-10.0
11.0											-11.0
12.0											-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.8 m
		REVIEWED BY: -	COMPLETE: 07/28/04
		Fig. No: 9	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30169	
Donjek Services Ltd.		UTM ZONE: - N6777708 E631458		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
											20	
0.0	SURFICIAL ORGANICS											0.0
0.0 - 0.2	GRAVELLY SAND, trace to some silt -Frozen -brown	X	39	●	▲		SM		■	◆		-0.1
0.2 - 2.0		X	40	●	▲		SW-SM		■	◆		-1.5
2.0 - 2.5		X	41	●	▲		SM		■	◆		-2.2
2.5 - 3.8		X	42	●			SW-SM		■	◆		-3.8
3.8 - 4.9	SANDY SILT, some gravel -Frozen -brown/light brown, some black organics	X	43		▲		ML		■	◆		-4.8
4.9 - 5.8	GRAVELLY SILTY SAND -Frozen -brown	X	44	●	▲		SM		■	◆		-5.3
5.8 - 12.0	End Of Hole @ 5.8m											-5.8

J. R. Paine & Associates Ltd.
Whitehorse, Yukon

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REVIEWED BY: -
Fig. No: 8

COMPLETION DEPTH: 5.8 m
COMPLETE: 07/28/04

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30170	
Donjek Services Ltd.		UTM ZONE: - N6777845 E631414		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SURFICIAL ORGANICS							0.0
	GRAVELLY SAND, some silt							
	-Frozen							
	-brown							
	-some oxidation on gravels noted							
0.2			34	▲		SW-SM	■ ◆	-0.2
1.0			35	◆ ▲		SM	■ ◆	-1.0
2.0			36	● ▲		SM	■ ◆	-2.0
3.0			37	◆ ▲		SM	■ ◆	-3.0
4.0			38	● ▲		SM	■ ◆	-4.0
5.0								-5.0
5.8	End Of Hole @ 5.8m							-5.8
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.8 m
		REVIEWED BY: -	COMPLETE: 07/28/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30171	
Donjek Services Ltd.		UTM ZONE: - N6777998 E631414		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	▲ PERCENT FINES ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	USC	SOIL SYMBOL	◆ PERCENT SAND ◆ 20 40 60 80 ■ PERCENT GRAVEL ■ 20 40 60 80	ELEVATION(m)
0.0	SURFICIAL ORGANICS						0.0	
0.2m	SILTY SAND, some gravel	☒	29	● ▲	SM		● ◆	
	-Frozen	☒						
1.0	-medium dense, brown	☒	30	● ▲	SM		● ◆	-1.0
1.5m	SILTY SAND	☒						
2.0	-Frozen	☒	31	● ▲	SM		● ◆	-2.0
	-medium dense, brown	☒						
	-some organic silts noted	☒						
2.7m	SANDY SILT, trace gravel	☒						
3.0	-Frozen	☒	32	● ▲	ML		● ◆	-3.0
	-visible ice crystals to 10mm in clusters	☒						
4.3m	SANDY SILT	☒						
5.0	-Frozen	☒	33	● ▲	ML		● ◆	-5.0
	-no visible ice	☒						
	-brown & grey	☒						
	-some wood pieces noted	☒						
5.8m	End Of Hole @ 5.8m							-6.0
6.0								-6.0
7.0								-7.0
8.0								-8.0
9.0								-9.0
10.0								-10.0
11.0								-11.0
12.0								-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.8 m
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30172	
Donjek Services Ltd.		UTM ZONE: - N6778136 E631432		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)	
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
												20
0.0	SURFICIAL ORGANICS										0.0	
0.0 - 0.2	GRAVELLY SILTY SAND -moist to wet, loose, brown -organics noted throughout	☒	23	20	40	60	SM		20	40	60	-0.1
0.2 - 1.5	SANDY SILT, trace gravel -saturated, firm, brown	☒	24	20	40	60	ML		20	40	60	-1.5
1.5 - 2.5		☒	25	20	40	60	ML		20	40	60	-2.5
2.5 - 3.0	SILTY SAND, trace gravel -saturated, medium dense, brown	☒	26	20	40	60	SM		20	40	60	-3.0
3.0 - 4.9	GRAVELLY SILTY SAND -saturated, dense, grey w/ blue hue	☒	27	20	40	60	SM		20	40	60	-4.9
4.9 - 5.5	SILT, some sand -moist, firm to stiff, grey w/ blue hue	☒	28	20	40	60	ML		20	40	60	-5.5
5.5 - 5.9	End Of Hole @ 5.9m										-5.9	
6.0											-6.0	
7.0											-7.0	
8.0											-8.0	
9.0											-9.0	
10.0											-10.0	
11.0											-11.0	
12.0											-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.9 m
		REVIEWED BY: -	COMPLETE: 07/28/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30173	
Donjek Services Ltd.		UTM ZONE: - N6778189 E631425		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL		ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL	
0.0	SURFICIAL ORGANICS										0.0
0.2	SILT -saturated, soft, grey/brown	X	18	20	40	60	ML				
0.8	SILT, some sand -moderate organics	X	19	20	40	60	ML				-1.0
1.8	SANDY SILT -Frozen, visible ice crystals to 3mm in clusters -grey/brown with black organic silts	X	20	20	40	60	ML				-2.0
3.0	SANDY SILT -Frozen -medium dense, grey/brown										-3.0
4.0	AS ABOVE	X	21	20	40	60	ML				-4.0
4.6	-grey/brown	X	22	20	40	60	ML				-5.0
5.9	End Of Hole @ 5.9m										-6.0
6.0											-7.0
7.0											-8.0
8.0											-9.0
9.0											-10.0
10.0											-11.0
11.0											-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.9 m
		REVIEWED BY: -	COMPLETE: 07/28/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30174	
Donjek Services Ltd.		UTM ZONE: - N6778370 E631499		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	SILT, trace sand -damp, firm, non plastic, grey -some oxidation	X	12				ML	[Symbol]			0.0	
0.6	ORGANIC SILTS -some organics throughout		13				ML	[Symbol]			-1.0	
1.5	SILTY GRAVELLY SAND -saturated, soft, black/dark brown	X	14				SM	[Symbol]			-2.0	
3.7	SILTY SAND -saturated, medium dense, grey		15				SM	[Symbol]			-4.0	
4.0	SANDY SILT -wet, firm, dark brown	X	16				ML	[Symbol]			-4.0	
4.6	SANDY SILT -wet, firm, grey		17				ML	[Symbol]			-5.0	
5.9	End Of Hole @ 5.9m -testhole 12m from interceptor ditch with standing water.										-6.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.9 m
		REVIEWED BY: -	COMPLETE: 07/28/04
		Fig. No: 3	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30175	
Donjek Services Ltd.		UTM ZONE: - N6778568 E631598		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PLASTIC M.C. LIQUID			USC	SOIL SYMBOL	PERCENT SAND PERCENT GRAVEL			ELEVATION(m)
				20 40 60 80					20 40 60 80			
0.0	SANDY GRAVEL, trace silt -damp, loose, brown	X	7				GP-GM				0.0	
2.0	GRAVELLY SAND, trace silt -saturated, medium dense, brown	X	8				SW-SM				-2.0	
3.0	SILTY GRAVELLY SAND -Frozen	X	9				SM				-3.0	
4.0	-some decomposed organics noted between 3.0 & 4.6m (wood pieces)	X	10				SM				-4.0	
5.0		X	11				SM				-5.0	
5.9	End of Hole @ 5.9m										-5.9	
6.0											-6.0	
7.0											-7.0	
8.0											-8.0	
9.0											-9.0	
10.0											-10.0	
11.0											-11.0	
12.0											-12.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.9 m
		REVIEWED BY:	COMPLETE: 07/28/04
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Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30176	
Donjek Services Ltd.		UTM ZONE: - N6778670 E631642		PROJECT NO: 8002-318	
CME75 Drill on FN60 Flextrac Nodwell				ELEVATION:	
SAMPLE TYPE ☒ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND / GRAVEL			ELEVATION(m)
				PLASTIC M.C. LIQUID					PERCENT SAND	PERCENT GRAVEL		
				20	40	60					20	
0.0	SILTY SANDY GRAVEL -damp to moist, loose, brown	☒	1	●	▲		GM		◆	■		0.0
0.6m	ORGANIC SILTS/SANDS -damp, soft, dark brown	☒	2		●	▲	SM		◆	■		-1.0
1.5m	GRAVELLY SAND, trace silt -moist to wet, medium dense, brown	☒	3	▲			SW-SM			■	◆	-2.0
2.4m	GRAVELLY SILTY SAND -wet, medium dense, brown -some sample contamination from above	☒	4	●	▲		SM			■	◆	-3.0
3.4m	GRAVELLY SILTY SAND -Frozen -medium dense, brown	☒	5	●	▲		SM			■	◆	-4.0
5.8m	End Of Hole @ 5.8m -testhole within existing road shoulder	☒	6	●	▲		SM			■	◆	-5.0
6.0												-6.0
7.0												-7.0
8.0												-8.0
9.0												-9.0
10.0												-10.0
11.0												-11.0
12.0												-12.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 5.8 m
		REVIEWED BY: -	COMPLETE: 07/28/04
		Fig. No: 1	Page 1 of 1

Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30177	
Donjek Services Ltd.		UTM ZONE: - N6764614 E636646		PROJECT NO: 8002-318	
CAT 318C Excavator				ELEVATION:	
SAMPLE TYPE ☒ RETURN		☒ S.P.T.		☒ AUGER	
		☐ BULK		☐ TUBE	
				☐ CORE	

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	SANDY GRAVEL, trace to some silt -damp, medium dense, brown -cobbles & boulders 20-40% by Vol. -boulders to .75m dia. -organics noted throughout -mostly sound granite rock											0.0
1.0			TP1	● ▲				GM	◆ ■			-1.0
2.0			TP2	● ▲				GM	◆ ■			-2.0
3.0			TP3	● ▲				GM	◆ ■			-3.0
4.0												-4.0
5.0	End Of Hole @ 4.8m		TP4	● ▲				GP-GM	◆ ■			-5.0
6.0												-6.0

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.8 m
		REVIEWED BY: -	COMPLETE: 08/10/04
		Fig. No: 230	Page 1 of 1

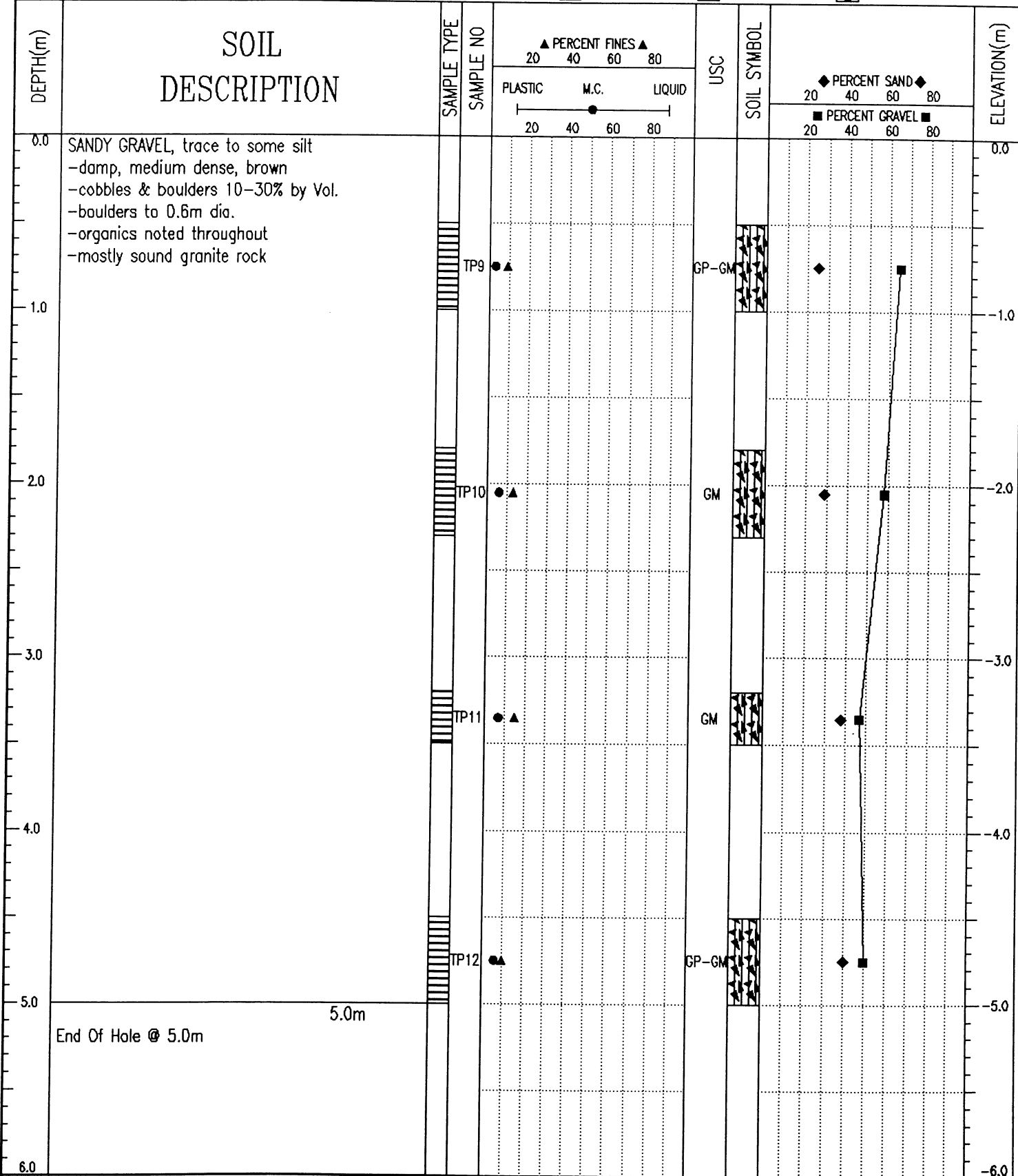
Geotechnical Services		Km 1691.7 to 1717.3 Alaska Highway #1		TEST PIT NO: 30178	
Donjek Services Ltd.		UTM ZONE: - N6764616 E636697		PROJECT NO: 8002-318	
CAT 318C Excavator				ELEVATION:	
SAMPLE TYPE ☐ RETURN ☒ S.P.T. ☒ AUGER ☐ BULK ☐ TUBE ☐ CORE					

DEPTH(m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			ELEVATION(m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	SANDY GRAVEL, trace to some silt -damp, medium dense, brown -cobbles & boulders 10-30% by Vol. -boulders to 0.6m dia. -organics noted throughout -mostly sound granite rock										0.0	
1.0			TP5				GW				-1.0	
2.0											-2.0	
3.0	AS ABOVE -damp to moist 2.8m		TP6				GP-GM				-3.0	
4.0											-4.0	
5.0	SANDY GRAVEL, some silt -damp to moist, medium dense, brown -slight increase in fine sands & silts 4.3m		TP7				GM				-5.0	
6.0	End Of Hole @ 4.8m 4.8m		TP8				GM				-6.0	

J. R. Paine & Associates Ltd. Whitehorse, Yukon		LOGGED BY: RW	COMPLETION DEPTH: 4.8 m
		REVIEWED BY: -	COMPLETE: 08/10/04
		Fig. No: 231	Page 1 of 1

Geotechnical Services	Km 1691.7 to 1717.3 Alaska Highway #1	TEST PIT NO: 30179
Donjek Services Ltd.	UTM ZONE: - N6764619 E636749	PROJECT NO: 8002-318
CAT 318C Excavator		ELEVATION:

SAMPLE TYPE	☒ RETURN	☒ S.P.T.	☒ AUGER	☐ BULK	☐ TUBE	☐ CORE
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J. R. Paine & Associates Ltd.
Whitehorse, Yukon

LOGGED BY: RW
REVIEWED BY:
Fig. No: 232

COMPLETION DEPTH: 5 m
COMPLETE: 08/10/04