

**BEAUFORT SEA DATABASE, 1991
SURFICIAL SEDIMENT, COREHOLE, AND BOREHOLE
LOG DATA
VOLUME 1**

**Prepared for:
SUPPLY AND SERVICES CANADA**

0306-34693



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**DSS Contract No: A7134-0-0037/01-ST
DSS File No: 038ST. A7134-0-0037**

1991 March

VOLUME 1

APPENDIX	YEAR OF STUDY	CONSULTANT	CONSULTANT'S JOB NO.
AMOCO PETROLEUM CANADA COMPANY LTD.			
A	1988	McGregor	88-11.1
			88-11.2
			88-11.3
			88-11.4
			88-11.5
	1989	McGregor	89-14.1
			89-14.2
			89-14.3
			89-14.4
			89-14.5
ESSO RESOURCES CANADA LTD.			
B	1987	Golder	882-2072
	1989	Golder	882-2105
GEOLOGICAL SURVEY OF CANADA			
C	1984	---	---
	1985	---	---

WELLSITE SURVEY REPORT, AAGNERK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. AA88GC01	
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 34.8m		Project No: McGREGOR88-11.1	
ORIGINAL BOREHOLE NO. 88-11.1-GC-01		UTM ZONE: 8 N7738228.00 E420540.00		ELEVATION -34.80 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC	DEPTH (ft)
0.0			CLAY AND SILT (assumed)						0.0
									-1.0
									-2.0
			END OF GRAVITY CORE						-3.0
1.0									

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 88/08/
LOGGED BY	DWG NO.B-08	Page 1 of 1	

WELLSITE SURVEY REPORT, AAGNERK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. AA88GC02			
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 34.8m		Project No: McGREGOR88-11.1			
ORIGINAL BOREHOLE NO. 88-11.1-GC-02		UTM ZONE: 8 N7738194.00 E420576.00		ELEVATION -34.80 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHPEK GRAB ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 20 40 60 80	20 40 60 80 ● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC	DEPTH (ft)
0.0			CLAY AND SILT (assumed)				0.0
							1.0
							2.0
			END OF GRAVITY CORE				3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/08/	
				LOGGED BY		DWG NO.B-09	
						Page 1 of 1	

WELLSITE SURVEY REPORT, AAGNERK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. AA88GS01								
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 33.8m		Project No: MCGREGOR88-11.1								
ORIGINAL BOREHOLE NO. 88-11.1-SH-01		UTM ZONE: 8 N7736908.00 E421166.00		ELEVATION -33.80 (m)								
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace sand									0.0
											CH	1.0
			END OF GRAB SAMPLE									2.0
												3.0
1.0												
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/08/						
				LOGGED BY		DWG NO.B-01		Page 1 of 1				

WELLSITE SURVEY REPORT, AAGNERK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. AA88GS02		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 32.4m		Project No: MCGREGOR88-11.1		
ORIGINAL BOREHOLE NO. 88-11.1-SH-02		UTM ZONE: 8 N7737940.00 E422418.00		ELEVATION -32.40 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80 M.C. 20 40 60 80 LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC CH DEPTH (#)
0.0			CLAY AND SILT (ch) - trace sand			0.0
						1.0
			END OF GRAB SAMPLE			2.0
						3.0
1.0						

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 88/08/
LOGGED BY	DWG NO.B-02	Page 1 of 1	

WELLSITE SURVEY REPORT, AAGNERK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. AA88GS03		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 34.8m		Project No: MCGREGOR88-11.1		
ORIGINAL BOREHOLE NO. 88-11.1-SH-03		UTM ZONE: 8 N7738226.00 E420521.00		ELEVATION -34.80 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace sand			0.0
						1.0
			END OF GRAB SAMPLE			2.0
						3.0
1.0						

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 88/08/
LOGGED BY		DWG NO.B-03	Page 1 of 1

WELLSITE SURVEY REPORT, AAGNERK SITE			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. AA88GS04						
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 34.5m			Project No: Mcgregor88-11.1						
ORIGINAL BOREHOLE NO. 88-11.1-SH-04			UTM ZONE: 8 N7740201.00 E421162.00			ELEVATION -34.50 (m)						
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80	M.C. 20 40 60 80	LIQUID 20 40 60 80	GRAVEL (%) 20 40 60 80	SAND (%) 20 40 60 80	SILT (%) 20 40 60 80	CLAY (%) 20 40 60 80	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace sand								CH	0.0
			END OF GRAB SAMPLE									
1.0												-3.0

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COMPLETION DEPTH 0.5 m

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Page 1 of 1

WELLSITE SURVEY REPORT, AAGNERK SITE			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. AA88GS05						
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 37.7m			Project No: MCGREGOR88-11.1						
ORIGINAL BOREHOLE NO. 88-11.1-SH-05			UTM ZONE: 8 N7741195.00 E418777.00			ELEVATION -37.70 (m)						
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION		PLASTIC M.C. LIQUID ----- ----- 20 40 60 80		● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80		USC	DEPTH (ft)		
0.0			CLAY AND SILT (ch) - trace sand						CH	0.0		
			END OF GRAB SAMPLE									
1.0										1.0		
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH 0.5 m			COMPLETE 88/08/			LOGGED BY		DWG NO.B-05	Page 1 of 1

WELLSITE SURVEY REPORT, AAGNERK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. AA88GS06			
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 36.1m		Project No: McGREGOR88-11.1			
ORIGINAL BOREHOLE NO. 88-11.1-SH-06		UTM ZONE: 8 N7742579.00 E420133.00		ELEVATION -36.10 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 20 40 60 80	20 40 60 80 ● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■	USC	DEPTH (ft)
0.0			CLAY AND SILT (CH) - trace sand				0.0
						CH	
			END OF GRAB SAMPLE				
1.0							

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COMPLETION DEPTH 0.5 m

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Page 1 of 1

WELLSITE SURVEY REPORT, AAGNERK SITE			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. AA88GS07		
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 39.4m			Project No: MCGREGOR88-11.1		
ORIGINAL BOREHOLE NO. 88-11.1-SH-07			UTM ZONE: 8 N7743561.00 E417879.00			ELEVATION -39.40 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE								
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION			USC		
			PLASTIC M.C. LIQUID ----- ----- 20 40 60 80			● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80		
0.0			CLAY AND SILT (ch) - trace sand			0.0		
						CH		
			END OF GRAB SAMPLE			-1.0		
						-2.0		
						-3.0		
1.0								
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH 0.5 m			COMPLETE 88/08/		
			LOGGED BY			DWG NO.8-07		
						Page 1 of 1		

WELLSITE SURVEY REPORT, KINGARK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. KN88GC01					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 56.7m		Project No: McGREGOR88-11.2					
ORIGINAL BOREHOLE NO. 88-11.2-GC-01		UTM ZONE: 8 N7735523.00 E406412.00		ELEVATION -56.70 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80	M.C. 20 40 60 80	LIQUID 20 40 60 80	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■ 20 40 60 80	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace sand					CH	0.0
									-1.0
									-2.0
			END OF GRAVITY CORE						-3.0
1.0									
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/07/			
				LOGGED BY		DWG NO.B-17		Page 1 of 1	

WELLSITE SURVEY REPORT, KINGARK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. KN88GC02		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 56.5m		Project No: McGREGOR88-11.2		
ORIGINAL BOREHOLE NO. 88-11.2-GC-02		UTM ZONE: 8 N7735470.00 E406637.00		ELEVATION -56.50 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80 M.C. LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC CH DEPTH (ft) 0.0 1.0 2.0 3.0
0.0			CLAY AND SILT (ch) - trace sand			
			END OF GRAVITY CORE			
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m LOGGED BY COMPLETE 88/07/ DWG NO.B-18 Page 1 of 1		

WELLSITE SURVEY REPORT, KINGARK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. KN88CS01		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 53.5m		Project No: MCGREGOR88-11.2		
ORIGINAL BOREHOLE NO. 88-11.2-SH-01		UTM ZONE: 8 N7733930.00 E408531.00		ELEVATION -53.50 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80 M.C. 20 40 60 80 LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace sand			0.0
						1.0
						2.0
			END OF GRAB SAMPLE			3.0
1.0						

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COMPLETION DEPTH 0.5 m

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DWG NO.B-10

Page 1 of 1

WELLSITE SURVEY REPORT, KINGARK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. KN88GS02			
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 55.4m		Project No: MCGREGOR88-11.2			
ORIGINAL BOREHOLE NO. 88-11.2-SH-02		UTM ZONE: 8 N7733860.00 E406859.00		ELEVATION -55.40 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC	DEPTH (ft)
0.0			CLAY (ch) - silty, trace sand				0.0
						CH	1.0
			END OF GRAB SAMPLE				2.0
							3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/07/	
				LOGGED BY		DWG NO.B-11	
						Page 1 of 1	

WELLSITE SURVEY REPORT, KINGARK SITE			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. KN88GS03			
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 57.7m			Project No: MCGREGOR88--11.2			
ORIGINAL BOREHOLE NO. 88-11.2-SH-03			UTM ZONE: 8 N7737159.00 E405808.00			ELEVATION -57.70 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	20 40 60 80 ● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■	USC	DEPTH (ft)
0.0			CLAY (ch) - silty, trace sand					CH	0.0
			END OF GRAB SAMPLE						1.0
									2.0
									3.0
1.0									

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COMPLETION DEPTH 0.5 m

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COMPLETE 88/07/

DWG NO.B-12

Page 1 of 1

WELLSITE SURVEY REPORT, KINGARK SITE			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. KN88GS04						
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 56.3m			Project No: McGREGOR88-11.2						
ORIGINAL BOREHOLE NO. 88-11.2-SH-04			UTM ZONE: 8 N7735163.00 E406627.00			ELEVATION -56.30 (m)						
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	USC	DEPTH (ft)
0.0			CLAY (ch) - silty, trace sand									0.0
											CH	1.0
			END OF GRAB SAMPLE									2.0
												3.0
1.0												

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COMPLETION DEPTH 0.5 m

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COMPLETE 88/07/

DWG NO.8-13

Page 1 of 1

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WELLSITE SURVEY REPORT, KINGARK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. KN88GS06					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 56.9m		Project No: MCGREGOR88-11.2					
ORIGINAL BOREHOLE NO. 88-11.2-SH-06		UTM ZONE: 8 N7735640.00 E406178.00		ELEVATION -56.90 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■	USC	DEPTH (ft)
0.0			CLAY (ch) - silty, trace sand						0.0
								CH	1.0
			END OF GRAB SAMPLE						2.0
1.0									3.0
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/07/			
				LOGGED BY		DWG NO.8-15		Page 1 of 1	

WELLSITE SURVEY REPORT, KINGARK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. KN88GS07					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 59.0m		Project No: McGREGOR88-11.2					
ORIGINAL BOREHOLE NO. 88-11.2-SH-07		UTM ZONE: 8 N7737120.00 E403954.00		ELEVATION -59.00 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	GRAVEL (%) SAND (%) SILT (%) CLAY (%)	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace sand						0.0
								CH	1.0
			END OF GRAB SAMPLE						2.0
									3.0
1.0									
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/07/			
				LOGGED BY		DWG NO.8-16		Page 1 of 1	

WELLSITE SURVEY REPORT, ORKSOK SITE			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. OK88GC01				
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 52.9m			Project No: McGREGOR88-11.3				
ORIGINAL BOREHOLE NO. 88-11.3-GC-01			UTM ZONE: 8 N7722823.00 E405582.00			ELEVATION -52.90 (m)				
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE										
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION		PLASTIC M.C. LIQUID 20 40 60 80		● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80		USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - tr of sand and gravel						CH	0.0
			END OF GRAVITY CORE							1.0
										2.0
										3.0
1.0										

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COMPLETION DEPTH 0.5 m

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DWG NO.B-26

Page 1 of 1

WELLSITE SURVEY REPORT, ORKSOK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. OK88GC02								
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 52.9m		Project No: McGREGOR88-11.3								
ORIGINAL BOREHOLE NO. 88-11.3-GC-02		UTM ZONE: 8 N7722784.00 E405559.00		ELEVATION -52.90 (m)								
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - tr of sand and gravel									0.0
											CH	1.0
			END OF GRAVITY CORE									2.0
												3.0
1.0												
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/08/						
				LOGGED BY		DWG NO.8-27		Page 1 of 1				

WELLSITE SURVEY REPORT, ORKSOK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. OK88GS01					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 53.0m		Project No: MCGREGOR88-11.3					
ORIGINAL BOREHOLE NO. 88-11.3-SH-01		UTM ZONE: 8 N7722846.00 E405465.00		ELEVATION -53.00 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	20 40 60 80 20 40 60 80 20 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - tr of sand and gravel					CH	0.0
			END OF GRAB SAMPLE						1.0
									2.0
									3.0
1.0									

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COMPLETION DEPTH 0.5 m

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DWG NO.B-19

Page 1 of 1

WELLSITE SURVEY REPORT, ORKSOK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. OK88GS02		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 53.8m		Project No: Mcgregor88-11.3		
ORIGINAL BOREHOLE NO. 88-11.3-SH-02		UTM ZONE: 8 N7722525.00 E404651.00		ELEVATION -53.80 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC DEPTH (ft)
0.0			CLAY AND SILT (ch) - tr of sand and gravel			0.0
						1.0
						2.0
						3.0
1.0			END OF GRAB SAMPLE			

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 88/08/
LOGGED BY	DWG NO.B-20	Page 1 of 1	

WELLSITE SURVEY REPORT, ORKSOK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. OK88GS03	
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 51.9m		Project No: McGREGOR88-11.3	
ORIGINAL BOREHOLE NO. 88-11.3-SH-03		UTM ZONE: 8 N7722972.00 E406427.00		ELEVATION -51.90 (m)	
SAMPLE TYPE ☒ SHELBY TUBE		☒ NO RECOVERY		☒ SPLIT SPOON	
☐ CORE		☐ SHIPEK GRAB		☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC ————— M.C. ————— 20 40 60 80	LIQUID ————— 20 40 60 80	20 40 60 80 ● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■				USC	DEPTH (ft)
						20	40	60	80		
0.0			CLAY AND SILT (ch) - tr of sand and gravel								0.0
										CH	1.0
			END OF GRAB SAMPLE								2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 88/08/
LOGGED BY		DWG NO.B-21	Page 1 of 1

WELLSITE SURVEY REPORT, ORKSOK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. OK88GS04			
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 50.5m		Project No: Mcgregor88-11.3			
ORIGINAL BOREHOLE NO. 88-11.3-SH-04		UTM ZONE: 8 N7721759.00 E407545.00		ELEVATION -50.50 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80 M.C. 20 40 60 80 LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - tr of sand and gravel				0.0
						CH	1.0
			END OF GRAB SAMPLE				2.0
							3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/08/	
				LOGGED BY		DWG NO.B-22	
						Page 1 of 1	

WELLSITE SURVEY REPORT, ORKSOK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. OK88GS05				
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 40.2m		Project No: McGREGOR88-11.3				
ORIGINAL BOREHOLE NO. 88-11.3-SH-05		UTM ZONE: 8 N7722113.00 E410467.00		ELEVATION -40.20 (m)				
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE								
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC	DEPTH (ft)	
0.0			CLAY AND SILT (ch) - tr of sand and gravel					0.0
							CH	1.0
			END OF GRAB SAMPLE					2.0
								3.0
1.0								

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 88/08/
LOGGED BY	DWG NO.B-23	Page 1 of 1	

WELLSITE SURVEY REPORT, ORKSOK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. OK88GS06		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 47.9m		Project No: McGREGOR88-11.3		
ORIGINAL BOREHOLE NO. 88-11.3-SH-06		UTM ZONE: 8 N7719369.00 E409168.00		ELEVATION -47.90 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80 M.C. 20 40 60 80 LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC DEPTH (ft)
0.0			CLAY AND SILT (ch) - tr of sand and gravel			0.0
						1.0
						2.0
			END OF GRAB SAMPLE			3.0
1.0						

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 88/08/
LOGGED BY	DWG NO.B-24	Page 1 of 1	

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WELLSITE SURVEY REPORT, SOUTH ADLARLOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SA88GC01			
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 62.2m		Project No: McGREGOR88-11.4			
ORIGINAL BOREHOLE NO. 88-11.4 GC-01		UTM ZONE: 8 N7726392.00 E396413.00		ELEVATION -62.20 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 20 40 60 80	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■ 20 40 60 80	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - tr of sand and gravel				0.0
						CH	1.0
			END OF GRAVITY CORE				2.0
							3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/08/	
				LOGGED BY		DWG NO.B-35	
						Page 1 of 1	

WELLSITE SURVEY REPORT, SOUTH ADLARLOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SA88GC02								
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 62.2m		Project No: MCGREGOR88-11.4								
ORIGINAL BOREHOLE NO. 88-11.4 GC-02		UTM ZONE: 8 N7726277.00 E396375.00		ELEVATION -62.20 (m)								
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID			● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80				USC	DEPTH (ft)
				20	40	60	80	20	40	60		
0.0			CLAY AND SILT (ch) - tr of sand and gravel									0.0
											CH	1.0
												2.0
			END OF GRAVITY CORE									3.0
1.0												

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COMPLETION DEPTH 0.5 m
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Page 1 of 1

WELLSITE SURVEY REPORT, SOUTH ADLARLOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SA88GS01		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 60.8m		Project No: McGREGOR88-11.4		
ORIGINAL BOREHOLE NO. 88-11.4 SH-01		UTM ZONE: 8 N7723735.00 E396718.00		ELEVATION -60.80 (m)		
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 20 40 60 80	20 40 60 80 ● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■	USC CH DEPTH (ft)
0.0			CLAY AND SILT (ch) - tr of sand and gravel			0.0
			END OF GRAB SAMPLE			1.0
						2.0
						3.0
1.0						

WELLSITE SURVEY REPORT, SOUTH ADLARLOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SA88GS02						
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 60.7m		Project No: McGREGOR88-11.4						
ORIGINAL BOREHOLE NO. 88-11.4 SH-02		UTM ZONE: 8 N7725120.00 E397537.00		ELEVATION -60.70 (m)						
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIEK GRAB ☐ GRAVITY CORE										
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID ----- ----- 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80				USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - tr of sand and gravel							0.0
									CH	1.0
			END OF GRAB SAMPLE							2.0
										3.0
1.0										

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COMPLETION DEPTH 0.5 m
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DWG NO.B-29

Page 1 of 1

WELLSITE SURVEY REPORT, SOUTH ADLARLOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SA88GS03			
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 59.4m		Project No: McGREGOR88-11.4			
ORIGINAL BOREHOLE NO. 88-11.4 SH-03		UTM ZONE: 8 N7726104.00 E399299.00		ELEVATION -59.40 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPDON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - tr of sand and gravel				0.0
						CH	1.0
			END OF GRAB SAMPLE				2.0
							3.0
1.0							

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COMPLETION DEPTH 0.5 m
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DWG NO.B-30

Page 1 of 1

WELLSITE SURVEY REPORT, SOUTH ADLARLOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SA88GS04		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 62.2m		Project No: McGREGOR88-11.4		
ORIGINAL BOREHOLE NO. 88-11.4 SH-04		UTM ZONE: 8 N7725212.00 E395370.00		ELEVATION -62.20 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■	USC DEPTH (ft)
0.0			CLAY AND SILT (ch) - tr of sand and gravel			0.0
						1.0
			END OF GRAB SAMPLE			2.0
						3.0
1.0						

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 88/08/
LOGGED BY	DWG NO.B-31	Page 1 of 1	

WELL SITE SURVEY REPORT, SOUTH ADLARLOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SA88GS05		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 62.2m		Project No: Mcgregor88-11.4		
ORIGINAL BOREHOLE NO. 88-11.4 SH-05		UTM ZONE: 8 N7726250.00 E396461.00		ELEVATION -62.20 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC DEPTH (ft)
0.0			CLAY AND SILT (ch) - tr of sand and gravel			0.0
						1.0
			END OF GRAB SAMPLE			2.0
						3.0
1.0						

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 88/08/
LOGGED BY	DWG NO.8-32	Page 1 of 1	

WELLSITE SURVEY REPORT, SOUTH ADLARLOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SA88CS06	
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 62.7m		Project No: McGREGOR88-11.4	
ORIGINAL BOREHOLE NO. 88-11.4 SH-06		UTM ZONE: 8 N7727618.00 E397195.00		ELEVATION -62.70 (m)	
SAMPLE TYPE ☒ SHELBY TUBE		☒ NO RECOVERY		☒ SPLIT SPOON	
☐ CORE		☐ SHIPEK GRAB		☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80 M.C. LIQUID 20 40 60 80	20 40 60 80 ● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■				USC	DEPTH (ft)
					20	40	60	80		
0.0			CLAY AND SILT (ch) - tr of sand and gravel							0.0
									CH	1.0
			END OF GRAB SAMPLE							2.0
										3.0
1.0										

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m		COMPLETE 88/08/	
LOGGED BY		DWG NO.B-33		Page 1 of 1	

WELLSITE SURVEY REPORT, SOUTH ADLARLOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SA88GS07		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 63.7m		Project No: Mcgregor88-11.4		
ORIGINAL BOREHOLE NO. 88-11.4 SH-07		UTM ZONE: 8 N7726308.00 E394291.00		ELEVATION -63.70 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC CH 0.0 1.0 2.0 3.0
0.0			CLAY AND SILT (ch) - tr of sand and gravel			
			END OF GRAB SAMPLE			
1.0						

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COMPLETION DEPTH 0.5 m

COMPLETE 88/08/

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Page 1 of 1

WELLSITE SURVEY REPORT, IMMERARK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE88GC01					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 53.8m		Project No: McGREGOR88-11.5					
ORIGINAL BOREHOLE NO. 88-11.5 GC-01		UTM ZONE: 8 N7715109.00 E399112.00		ELEVATION -53.80 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand						0.0
								CH	1.0
			END OF GRAVITY CORE						2.0
									3.0
1.0									
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/08/			
				LOGGED BY		DWG NO.B-46		Page 1 of 1	

WELLSITE SURVEY REPORT, IMMERARK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE88GC02					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 53.8m		Project No: McGREGOR88-11.5					
ORIGINAL BOREHOLE NO. 88-11.5 GC-02		UTM ZONE: 8 N7715337.00 E399243.00		ELEVATION -53.80 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand						0.0
								CH	1.0
			END OF GRAVITY CORE						2.0
									3.0
1.0									
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/08/			
				LOGGED BY		DWG NO.B-47		Page 1 of 1	

WELLSITE SURVEY REPORT, IMMERARK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE88GS01	
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 51.5m		Project No: McGREGOR88-11.5	
ORIGINAL BOREHOLE NO. 88-11.5 SH-01		UTM ZONE: 8 N7712835.00 E401148.00		ELEVATION -51.50 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80 M.C. LIQUID 20 40 60 80	20 40 60 80 ● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■				USC	DEPTH (ft)
					20	40	60	80		
0.0			CLAY AND SILT (ch) - trace of sand							0.0
			END OF GRAB SAMPLE							
1.0										

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 88/08/
LOGGED BY		DWG NO.B-37	Page 1 of 1

WELLSITE SURVEY REPORT, IMMERARK SITE			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. IE88GS02			
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 51.9m			Project No: McGREGOR88-11.5			
ORIGINAL BOREHOLE NO. 88-11.5 SH-02			UTM ZONE: 8 N7712248.00 E399041.00			ELEVATION -51.90 (m)			
SAMPLE TYPE			☐ SHELBY TUBE	☒ NO RECOVERY	☒ SPLIT SPOON	☐ CORE	☐ SHIPEK GRAB	☐ GRAVITY CORE	
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	GRAVEL (%) SAND (%) SILT (%) CLAY (%)	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand						0.0
								CH	-1.0
			END OF GRAB SAMPLE						-2.0
1.0									-3.0

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Calgary, Alberta

COMPLETION DEPTH 0.5 m
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DWG NO.B-38

Page 1 of 1

WELLSITE SURVEY REPORT, IMMERARK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE88GS03					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 51.0m		Project No: McGREGOR88-11.5					
ORIGINAL BOREHOLE NO. 88-11.5 SH-03		UTM ZONE: 8 N7710086.00 E398302.00		ELEVATION -51.00 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand						0.0
								CH	-1.0
			END OF GRAB SAMPLE						-2.0
1.0									-3.0
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/08/			
				LOGGED BY		DWG NO.B-39		Page 1 of 1	

WELLSITE SURVEY REPORT, IMMERARK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE88GS04					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 53.2m		Project No: MCGREGOR88-11.5					
ORIGINAL BOREHOLE NO. 88-11.5 SH-04		UTM ZONE: 8 N7712323.00 E396285.00		ELEVATION -53.20 (m)					
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	☐ GRAVEL (%) ☐ SAND (%) ☐ SILT (%) ☐ CLAY (%)	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand						0.0
								CH	1.0
			END OF GRAB SAMPLE						2.0
									3.0
1.0									
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/08/			
				LOGGED BY		DWG NO.B-40		Page 1 of 1	

WELLSITE SURVEY REPORT, IMMERARK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE88GS05	
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 53.9m		Project No: McGREGOR88-11.5	
ORIGINAL BOREHOLE NO. 88-11.5 SH-05		UTM ZONE: 8 N7713694.00 E397745.00		ELEVATION -53.90 (m)	
SAMPLE TYPE	☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE				
DEPTH (m) SAMPLE TYPE SAMPLE NO	SOIL DESCRIPTION	PLASTIC -----●----- 20 40 60 80 M.C. LIQUID	GRAVEL (%) SAND (%) SILT (%) CLAY (%)	USC	DEPTH (#)
0.0	CLAY AND SILT (ch) - trace of sand				0.0
				CH	-1.0
	END OF GRAB SAMPLE				-2.0
					-3.0
1.0					

EBA Engineering Consultants Ltd.
 Calgary, Alberta
 COMPLETION DEPTH 0.5 m COMPLETE 88/08/
 LOGGED BY _____ DWG NO.B-41 Page 1 of 1

WELLSITE SURVEY REPORT, IMMERARK SITE			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. IE88GS06				
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 53.7m			Project No: McGREGOR88-11.5				
ORIGINAL BOREHOLE NO. 88-11.5 SH-06			UTM ZONE: 8 N7715080.00 E399179.00			ELEVATION -53.70 (m)				
SAMPLE TYPE			☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION			20 40 60 80 ● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■			USC	DEPTH (ft)
						PLASTIC M.C. LIQUID 20 40 60 80				
0.0			CLAY AND SILT (ch) - trace of sand						CH	0.0
			END OF GRAB SAMPLE							1.0
1.0										2.0
										3.0
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH 0.5 m			COMPLETE 88/08/			LOGGED BY	
						DWG NO.B-42			Page 1 of 1	

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WELLSITE SURVEY REPORT, IMMERARK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE88GS08					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 55.4m		Project No: McGREGOR88-11.5					
ORIGINAL BOREHOLE NO. 88-11.5 SH-08		UTM ZONE: 8 N7715159.00 E396336.00		ELEVATION -55.40 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand						0.0
								CH	1.0
			END OF GRAB SAMPLE						2.0
									3.0
1.0									
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/08/			
				LOGGED BY		DWG NO.B-44		Page 1 of 1	

WELL SITE SURVEY REPORT, IMMERARK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE88GS09								
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 54.4m		Project No: MCGREGOR88-11.5								
ORIGINAL BOREHOLE NO. 88-11.5 SH-09		UTM ZONE: 8 N7713814.00 E394992.00		ELEVATION -54.40 (m)								
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPoon ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80	M.C. 20 40 60 80	LIQUID 20 40 60 80	GRAVEL (%) 20 40 60 80	SAND (%) 20 40 60 80	SILT (%) 20 40 60 80	CLAY (%) 20 40 60 80	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand									0.0
											CH	-1.0
			END OF GRAB SAMPLE									-2.0
												-3.0
1.0												
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 88/08/						
				LOGGED BY		DWG NO.B-45						Page 1 of 1

WELLSITE SURVEY REPORT, TIREGLUIT SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. TG89GS01		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 51.0m		Project No: McGREGOR89-14.1		
ORIGINAL BOREHOLE NO. 89-14.1 SH-01		UTM ZONE: 8 N7740150.00 E575688.00		ELEVATION -51.00 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80 M.C. LIQUID 20 40 60 80	20 40 60 80 ● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■	USC CH 0.0 1.0 2.0 3.0
0.0			CLAY AND SILT (ch) - some sand, trace of gravel			
			END OF GRAB SAMPLE			
1.0						

WELLSITE SURVEY REPORT, TIREGLUIT SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. TG89GS02				
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 47.1m		Project No: McGREGOR89-14.1				
ORIGINAL BOREHOLE NO. 89-14.1 SH-02		UTM ZONE: 8 N7741364.00 E573803.00		ELEVATION -47.10 (m)				
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE								
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC	DEPTH (ft)	
0.0			CLAY AND SILT (ch) - trace of sand and gravel					0.0
						CH		1.0
			END OF GRAB SAMPLE					2.0
								3.0
1.0								

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 89/08/
LOGGED BY	DWG NO.B-60	Page 1 of 1	

WELLSITE SURVEY REPORT, TIREGLUIT SITE			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. TG89GS03														
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 55.2m			Project No: MCGREGOR89-14.1														
ORIGINAL BOREHOLE NO. 89-14.1 SH-03			UTM ZONE: 8 N7742593.00 E575456.00			ELEVATION -55.20 (m)														
SAMPLE TYPE			SHELBY TUBE			NO RECOVERY			SPLIT SPOON			CORE			SHIPEK GRAB			GRAVITY CORE		
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION			PLASTIC M.C. LIQUID 20 40 60 80			20 40 60 80 ● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■			USC			DEPTH (ft)					
0.0			SAND AND SILT (sc-sm) - some gravel and clay						20 40 60 80 ● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■			USC			0.0					
			END OF GRAB SAMPLE						20 40 60 80 ● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■			USC			1.0					
									20 40 60 80 ● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■			USC			2.0					
									20 40 60 80 ● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■			USC			3.0					
1.0									20 40 60 80 ● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■			USC								

WELLSITE SURVEY REPORT, TIREGLUIT SITE			DEPTHS ARE REFERENCED TO SEABED			TESTHOLE No. TG89GS04						
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 51.9m			Project No: Mcgregor89-14.1						
ORIGINAL BOREHOLE NO. 89-14.1 SH-04			UTM ZONE: 8 N7743099.00 E573910.00			ELEVATION -51.90 (m)						
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	USC	DEPTH (ft)
0.0			SILTSTONE (boulder)									0.0
			END OF GRAB SAMPLE									
												-1.0
												-2.0
												-3.0
1.0												
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.2 m			COMPLETE 89/08/					
				LOGGED BY			DWG NO.B-62			Page 1 of 1		

WELLSITE SURVEY REPORT, TIRELUIT SITE	DEPTHS ARE REFERENCED TO SEABED	BOREHOLE No. TG89GS05
AMOCO PETROLEUM CANADA COMPANY LTD.	WATER DEPTH - 52.8m	Project No: MCGREGOR89-14.1
ORIGINAL BOREHOLE NO. 89-14.1 SH-05	UTM ZONE: 8 N7744658.00 E573309.00	ELEVATION -52.80 (m)

SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPDON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	USC	DEPTH (ft)
0.0			SILT AND CLAY (ch) - sandy, some gravel									0.0
											CH	1.0
			END OF GRAB SAMPLE									2.0
												3.0
1.0												

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COMPLETION DEPTH 0.5 m

COMPLETE 89/08/

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DWG NO.B-63

Page 1 of 1

WELLSITE SURVEY REPORT, TIREGLUIT SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. TG89GS06		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 51.2m		Project No: McGREGOR89-14.1		
ORIGINAL BOREHOLE NO. 89-14.1 SH-06		UTM ZONE: 8 N7745860.00 E572304.00		ELEVATION -51.20 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80 M.C. LIQUID 20 40 60 80	20 40 60 80 ● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■	USC DEPTH (ft) 0.0 1.0 2.0 3.0
0.0			SILT AND CLAY (ch) - trace of sand and gravel			0.0
						1.0
			END OF GRAB SAMPLE			2.0
						3.0
1.0						

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Calgary, Alberta

COMPLETION DEPTH 0.5 m

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COMPLETE 89/08/

DWG NO.B-64

Page 1 of 1

WELLSITE SURVEY REPORT, TIREGLUIT SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. TG89CS07		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 48.2m		Project No: Mcgregor89-14.1		
ORIGINAL BOREHOLE NO. 89-14.1 SH-07		UTM ZONE: 8 N7746097.00 E571013.00		ELEVATION -48.20 (m)		
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 	20 40 60 80 ● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■	USC GC DEPTH (ft)
0.0			GRAVEL (gc) - some silt and clay, trace of sand			0.0
			END OF GRAB SAMPLE			1.0
						2.0
						3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m COMPLETE 89/08/ LOGGED BY DWG NO.B-65		
				Page 1 of 1		

WELLSITE SURVEY REPORT, TIREGLUIT SITE			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. TC89GS08			
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 54.2m			Project No: McGREGOR89-14.1			
ORIGINAL BOREHOLE NO. 89-14.1 SH-08			UTM ZONE: 8 N7747171.00 E572658.00			ELEVATION -54.20 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☐ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC	DEPTH (ft)
0.0			SILT AND CLAY (ch) - trace of sand and gravel					CH	0.0
			END OF GRAB SAMPLE						
1.0									
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m			COMPLETE 89/08/		
				LOGGED BY			DWG NO.B-66		
							Page 1 of 1		

WELLSITE SURVEY REPORT, SARTOK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SR89GC04		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 86.5m		Project No: McGREGOR89-14.2		
ORIGINAL BOREHOLE NO. 89-14.2 GC-04		UTM ZONE: 8 N7745928.00 E392520.00		ELEVATION -86.50 (m)		
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80 M.C. 20 40 60 80 LIQUID 20 40 60 80	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■	USC DEPTH (ft)
0.0			CLAY (assumed)			0.0
						-1.0
						-2.0
			END OF GRAVITY CORE			-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m LOGGED BY		COMPLETE 89/08/ DWG NO.8-74
						Page 1 of 1

WELLSITE SURVEY REPORT, SARTOK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SR89GC05								
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 83.0m		Project No: McGREGOR89-14.2								
ORIGINAL BOREHOLE NO. 89-14.2 GC-05		UTM ZONE: 8 N7745973.00 E393179.00		ELEVATION -83.00 (m)								
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	USC	DEPTH (ft)
0.0			CLAY (assumed)				20 40 60 80	20 40 60 80	20 40 60 80	20 40 60 80		0.0
												1.0
												2.0
			END OF GRAVITY CORE									3.0
1.0												
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 89/08/						
				LOGGED BY		DWG NO.B-75		Page 1 of 1				

WELLSITE SURVEY REPORT, SARTOK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SR89GS01		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 104.0m		Project No: McGREGOR89-14.2		
ORIGINAL BOREHOLE NO. 89-14.2 SH-01		UTM ZONE: 8 N7746622.00 E390276.00		ELEVATION -104.00 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand			0.0
						1.0
			END OF GRAB SAMPLE			2.0
						3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m LOGGED BY		COMPLETE 89/08/ DWG NO.B-67
				Page 1 of 1		

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WELLSITE SURVEY REPORT, SARTOK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SR89GS04						
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 87.0m		Project No: McGREGOR89-14.2						
ORIGINAL BOREHOLE NO. 89-14.2 SH-04		UTM ZONE: 8 N7745858.00 E392451.00		ELEVATION -87.00 (m)						
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE										
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID ----- ----- 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80				USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand							0.0
									CH	1.0
			END OF GRAB SAMPLE							2.0
										3.0
1.0										

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m		COMPLETE 89/08/	
		LOGGED BY	DWG NO.B-70	Page 1 of 1	

WELLSITE SURVEY REPORT, SARTOK SITE		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SR89GS05								
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 83.0m		Project No: McGREGOR89-14.2								
ORIGINAL BOREHOLE NO. 89-14.2 SH-05		UTM ZONE: 8 N7745945.00 E393183.00		ELEVATION -83.00 (m)								
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand				20 40 60 80	20 40 60 80	20 40 60 80	20 40 60 80		0.0
											CH	
			END OF GRAB SAMPLE									
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 89/08/
LOGGED BY	DWG NO.B-71	Page 1 of 1	

WELLSITE SURVEY REPORT, SARTOK SITE			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. SR89GS06				
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 78.5m			Project No: McGREGOR89-14.2				
ORIGINAL BOREHOLE NO. 89-14.2 SH-06			UTM ZONE: 8 N7744294.00 E393709.00			ELEVATION -78.50 (m)				
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE										
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION		PLASTIC M.C. LIQUID ----- ----- 20 40 60 80		● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80		USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand						CH	0.0
			END OF GRAB SAMPLE							1.0
										2.0
										3.0
1.0										
EBA Engineering Consultants Ltd. Calgary, Alberta					COMPLETION DEPTH 0.5 m		COMPLETE 89/08/			
					LOGGED BY		DWG NO.B-72		Page 1 of 1	

WELLSITE SURVEY REPORT, SARTOK SITE			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. SR89GS07				
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 87.5m			Project No: Mcgregor89-14.2				
ORIGINAL BOREHOLE NO. 89-14.2 SH-07			UTM ZONE: 8 N7744896.00 E392154.00			ELEVATION -87.50 (m)				
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE										
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION		PLASTIC M.C. LIQUID 20 40 60 80		20 40 60 80 ● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■		USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand							0.0
			END OF GRAB SAMPLE						CH	1.0
										2.0
										3.0
1.0										
EBA Engineering Consultants Ltd. Calgary, Alberta					COMPLETION DEPTH 0.5 m		COMPLETE 89/08/			
					LOGGED BY		DWG NO.B-73		Page 1 of 1	

WELLSITE SURVEY REPORT, SOUTH KOGYUK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SY89GS01					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 24.5m		Project No: MCGREGOR89-14.3					
ORIGINAL BOREHOLE NO. 89-14.3 SH-01		UTM ZONE: 8 N7772496.00 E569993.00		ELEVATION -24.50 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - sandy, trace of gravel						0.0
								CH	1.0
			END OF GRAB SAMPLE						2.0
									3.0
1.0									
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 89/08/			
				LOGGED BY		DWG NO.B-76		Page 1 of 1	

WELLSITE SURVEY REPORT, SOUTH KOGYUK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SY89GS02					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 25.3m		Project No: MCGREGOR89-14.3					
ORIGINAL BOREHOLE NO. 89-14.3 SH-02		UTM ZONE: 8 N7773707.00 E569141.00		ELEVATION -25.30 (m)					
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - sandy, trace of gravel						0.0
								CH	1.0
			END OF GRAB SAMPLE						2.0
									3.0
1.0									
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 89/08/			
				LOGGED BY		DWG NO.B-77		Page 1 of 1	

WELLSITE SURVEY REPORT, SOUTH KOGYUK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SY89GS03					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 25.6m		Project No: McGREGOR89-14.3					
ORIGINAL BOREHOLE NO. 89-14.3 SH-03		UTM ZONE: 8 N7774340.00 E570082.00		ELEVATION 0.00 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - sandy, trace of gravel						0.0
								CH	1.0
			END OF GRAB SAMPLE						2.0
									3.0
1.0									
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 89/08/			
				LOGGED BY		DWG NO.B-78		Page 1 of 1	

WELLSITE SURVEY REPORT, SOUTH KOGYUK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SY89GS04					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 24.9m		Project No: MCGREGOR89-14.3					
ORIGINAL BOREHOLE NO. 89-14.3 SH-04		UTM ZONE: 8 N7773226.00 E571066.00		ELEVATION -24.90 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80	M.C. 20 40 60 80	LIQUID 20 40 60 80	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■ 20 40 60 80	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - some sand				◆ ▲ ■	CH	0.0
			END OF GRAB SAMPLE						1.0
									2.0
									3.0
1.0									
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 89/08/			
				LOGGED BY		DWG NO.8-79		Page 1 of 1	

WELLSITE SURVEY REPORT, SOUTH KOGYUK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SY89GS05								
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 25.2m		Project No: McGREGOR89-14.3								
ORIGINAL BOREHOLE NO. 89-14.3 SH-05		UTM ZONE: 8 N7774896.00 E572041.00		ELEVATION -25.20 (m)								
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHPEK GRAB ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - some sand									0.0
											CH	1.0
			END OF GRAB SAMPLE									2.0
												3.0
1.0												
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 89/08/						
				LOGGED BY		DWG NO.B-80		Page 1 of 1				

WELLSITE SURVEY REPORT, SOUTH KOGYUK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SY89GS06								
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 25.0m		Project No: MCGREGOR89-14.3								
ORIGINAL BOREHOLE NO. 89-14.3 SH-06		UTM ZONE: 8 N7774965.00 E573115.00		ELEVATION -25.00 (m)								
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - some sand									0.0
											CH	1.0
			END OF GRAB SAMPLE									2.0
												3.0
1.0												
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 89/08/						
				LOGGED BY		DWG NO.B-81		Page 1 of 1				

WELLSITE SURVEY REPORT, SOUTH KOGYUK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. SY89GS07			
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 25.1m		Project No: McGREGOR89-14.3			
ORIGINAL BOREHOLE NO. 89-14.3 SH-07		UTM ZONE: 8 N7776133.00 E573626.00		ELEVATION -25.10 (m)			
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80 M.C. 20 40 60 80 LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC	DEPTH (ft)
0.0			SAND AND CLAY (sc) - silty				0.0
						SC	1.0
			END OF GRAB SAMPLE				2.0
							3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 89/08/	
				LOGGED BY		DWG NO.B-82	
						Page 1 of 1	

WELLSITE SURVEY REPORT, SOUTH IMMERARK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE89GC01		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 47.5m		Project No: McGREGOR89-14.4		
ORIGINAL BOREHOLE NO. 89-14.4 GC-01		UTM ZONE: 8 N7705490.00 E399289.00		ELEVATION -47.50 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80 M.C.	20 40 60 80 ● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■	USC DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand			0.0
						1.0
			END OF GRAVITY CORE			2.0
						3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		
				COMPLETE 89/08/		
LOGGED BY				DWG NO.B-91		
				Page 1 of 1		

WELLSITE SURVEY REPORT, SOUTH IMMERARK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE89GC02		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 46.5m		Project No: Mcgregor89-14.4		
ORIGINAL BOREHOLE NO. 89-14.4 GC-02		UTM ZONE: 8 N7704682.00 E397945.00		ELEVATION -46.50 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☐ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 	20 40 60 80 20 40 60 80 20 40 60 80 20 40 60 80 20 40 60 80	USC CH 0.0 1.0 2.0 3.0
0.0			CLAY AND SILT (ch) - trace of sand			
			END OF GRAVITY CORE			
1.0						

[illegible]

WELLSITE SURVEY REPORT, SOUTH IMMERARK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE89GS02					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 49.5m		Project No: McGREGOR89-14.4					
ORIGINAL BOREHOLE NO. 89-14.4 SH-02		UTM ZONE: 8 N7707181.00 E397364.00		ELEVATION -49.50 (m)					
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	20 40 60 80 ● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand						0.0
								CH	1.0
			END OF GRAB SAMPLE						2.0
									3.0
1.0									
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 89/08/			
				LOGGED BY		DWG NO.8-84		Page 1 of 1	

WELLSITE SURVEY REPORT, SOUTH IMMERARK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE89GS03						
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 49.0m		Project No: McGREGOR89-14.4						
ORIGINAL BOREHOLE NO. 89-14.4 SH-03		UTM ZONE: 8 N7706428.00 E398148.00		ELEVATION -49.00 (m)						
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE										
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID ----- ----- 20 40 60 80	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■				USC	DEPTH (ft)
					20	40	60	80		
0.0			CLAY AND SILT (ch) - trace of sand							0.0
									CH	1.0
			END OF GRAB SAMPLE							2.0
										3.0
1.0										
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 89/08/				
				LOGGED BY		DWG NO.B-85		Page 1 of 1		

WELLSITE SURVEY REPORT, SOUTH IMMERARK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE89GS04								
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 47.5m		Project No: McGREGOR89-14.4								
ORIGINAL BOREHOLE NO. 89-14.4 SH-04		UTM ZONE: 8 N7705481.00 E399230.00		ELEVATION -47.50 (m)								
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	USC	DEPTH (m)
0.0			CLAY AND SILT (ch) - trace of sand									0.0
											CH	1.0
			END OF GRAB SAMPLE									2.0
												3.0
1.0												
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 89/08/		LOGGED BY		DWG NO.B-86		Page 1 of 1

WELLSITE SURVEY REPORT, SOUTH IMMERARK			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. IE89GS05			
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 46.5m			Project No: Mcgregor89-14.4			
ORIGINAL BOREHOLE NO. 89-14.4 SH-05			UTM ZONE: 8 N7704676.00 E397869.00			ELEVATION -46.50 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand					CH	0.0
			END OF GRAB SAMPLE						1.0
									2.0
									3.0
1.0									

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH 0.5 m

LOGGED BY

COMPLETE 89/08/

DWG NO.B-87

Page 1 of 1

WELLSITE SURVEY REPORT, SOUTH IMMERARK			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. IE89GS06						
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 46.0m			Project No: McGREGOR89-14.4						
ORIGINAL BOREHOLE NO. 89-14.4 SH-06			UTM ZONE: 8 N7703989.00 E397314.00			ELEVATION -46.00 (m)						
SAMPLE TYPE			SHELBY TUBE			NO RECOVERY						
			SPLIT SPOON			CORE						
			SHPEK GRAB			GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand									0.0
											CH	1.0
			END OF GRAB SAMPLE									2.0
												3.0

EBA Engineering Consultants Ltd.

Calgary, Alberta

COMPLETION DEPTH 0.5 m

COMPLETE 89/08/

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DWG NO.B-88

Page 1 of 1

WELLSITE SURVEY REPORT, SOUTH IMMERARK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE89GS07						
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 45.9m		Project No: MCGREGOR89-14.4						
ORIGINAL BOREHOLE NO. 89-14.4 SH-07		UTM ZONE: 8 N7704084.00 E399436.00		ELEVATION -45.90 (m)						
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE										
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■ 20 40 60 80 20 40 60 80 20 40 60 80 20 40 60 80				USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand							0.0
									CH	1.0
			END OF GRAB SAMPLE							2.0
										3.0
1.0										
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 89/08/				
				LOGGED BY		DWG NO.8-89		Page 1 of 1		

WELLSITE SURVEY REPORT, SOUTH IMMERARK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. IE89GS08						
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 45.2m		Project No: McGREGOR89-14.4						
ORIGINAL BOREHOLE NO. 89-14.4 SH-08		UTM ZONE: 8 N7702955.00 E398426.00		ELEVATION -45.20 (m)						
SAMPLE TYPE ☒ SHELBY TUBE ☐ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE										
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■				USC	DEPTH (ft)
					20	40	60	80		
0.0			CLAY AND SILT (ch) - trace of sand							0.0
									CH	
			END OF GRAB SAMPLE							
1.0										

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 89/08/
LOGGED BY		DWG NO.B-90	Page 1 of 1

WELLSITE SURVEY REPORT, SOUTH ORKSOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. S089GC04			
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 47.1m		Project No: McGREGOR89-14.5			
ORIGINAL BOREHOLE NO. 89-14.5 GC-04		UTM ZONE: 8 N7713853.00 E409329.00		ELEVATION -47.10 (m)			
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 20 40 60 80	20 40 60 80 ● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■	USC CH	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand				0.0
							1.0
							2.0
			END OF GRAVITY CORE				3.0
1.0							

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 89/08/
LOGGED BY		DWG NO.B-98	Page 1 of 1

WELLSITE SURVEY REPORT, SOUTH ORKSOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. S089GC05					
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 46.0m		Project No: Mcgregor89-14.5					
ORIGINAL BOREHOLE NO. 89-14.5 GC-05		UTM ZONE: 8 N7714290.00 E409847.00		ELEVATION -46.00 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand						0.0
								CH	1.0
			END OF GRAVITY CORE						2.0
									3.0
1.0									
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m		COMPLETE 89/08/			
				LOGGED BY		DWG NO.B-99		Page 1 of 1	

WELLSITE SURVEY REPORT, SOUTH ORKSOK			DEPTHS ARE REFERENCED TO SEABED			BOREHOLE No. S089GS01				
AMOCO PETROLEUM CANADA COMPANY LTD.			WATER DEPTH - 47.4m			Project No: MCGREGOR89-14.5				
ORIGINAL BOREHOLE NO. 89-14.5 SH-01			UTM ZONE: 8 N7715410.00 E409286.00			ELEVATION -47.40 (m)				
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE										
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION		PLASTIC M.C. LIQUID 20 40 60 80		20 40 60 80 ● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■		USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand						CH	0.0
			END OF GRAB SAMPLE							
1.0										-1.0
										-2.0
										-3.0
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH 0.5 m			COMPLETE 89/08/			LOGGED BY	
			DWG NO.B-93			Page 1 of 1				

WELLSITE SURVEY REPORT, SOUTH ORKSOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. S089GS02		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH -- 44.5m		Project No: McGREGOR89--14.5		
ORIGINAL BOREHOLE NO. 89-14.5 SH-02		UTM ZONE: 8 N7715432.00 E410785.00		ELEVATION -44.50 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID ----- ----- 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80 USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand			0.0
					CH	1.0
			END OF GRAB SAMPLE			2.0
						3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 0.5 m COMPLETE 89/08/ LOGGED BY DWG NO.B-94 Page 1 of 1		

WELLSITE SURVEY REPORT, SOUTH ORKSOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. S089GS03	
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 44.1m		Project No: McGREGOR89-14.5	
ORIGINAL BOREHOLE NO. 89-14.5 SH-03		UTM ZONE: 8 N7713953.00 E410791.00		ELEVATION -44.10 (m)	
SAMPLE TYPE ☒ SHELBY TUBE		☒ NO RECOVERY		☒ SPLIT SPOON	
		☐ CORE		☐ SHIPEK GRAB	
				☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC 20 40 60 80 M.C.	LIQUID 20 40 60 80	20 40 60 80 ● GRAVEL (%) ● ◆ SAND (%) ◆ ▲ SILT (%) ▲ ■ CLAY (%) ■				USC	DEPTH (ft)
						20	40	60	80		
0.0			CLAY AND SILT (ch) - trace of sand								0.0
										CH	1.0
			END OF GRAB SAMPLE								2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m		COMPLETE 89/08/	
LOGGED BY		DWG NO.B-95		Page 1 of 1	

WELLSITE SURVEY REPORT, SOUTH ORKSOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. S089GS04		
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 47.1m		Project No: McGREGOR89-14.5		
ORIGINAL BOREHOLE NO. 89-14.5 SH-04		UTM ZONE: 8 N7713855.00 E409316.00		ELEVATION -47.10 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID 20 40 60 80	● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand			0.0
						1.0
						2.0
						3.0
1.0			END OF GRAB SAMPLE			
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH 0.5 m		COMPLETE 89/08/	
			LOGGED BY		DWG NO.B-96	
					Page 1 of 1	

WELLSITE SURVEY REPORT, SOUTH ORKSOK		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. S089GS05								
AMOCO PETROLEUM CANADA COMPANY LTD.		WATER DEPTH - 46.1m		Project No: MCGREGOR89-14.5								
ORIGINAL BOREHOLE NO. 89-14.5 SH-05		UTM ZONE: 8 N7714400.00 E409832.00		ELEVATION -46.10 (m)								
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC	M.C.	LIQUID	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	USC	DEPTH (ft)
0.0			CLAY AND SILT (ch) - trace of sand									0.0
											CH	1.0
			END OF GRAB SAMPLE									2.0
												3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 89/08/
LOGGED BY	DWG NO.B-97	Page 1 of 1	

ANGASAK LO3 SPRAY ICE ISLAND		DEPTHS ARE REFERENCED TO SEABED		TESTHOLE No. AN87SS01	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 5.5m		Project No: GOLDER 862-2072	
ORIGINAL BOREHOLE NO. BH 1		UTM ZONE: 9 N7789520.00 E479160.00		ELEVATION -5.50 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	TEMPERATURE CELCIUS		POCKET PENETROMETER (kPa)		USC	DEPTH (ft)
				PLASTIC	M.C.	LIQUID			
0.0			SILT (ml) - sandy, trace of organics						0.0
-1.0	X	9							1.0
-2.0									2.0
-3.0	X	10	SAND (sm) - compact, some silt to silty, brown						3.0
-4.0									4.0
-5.0	X	11							5.0
-6.0			END OF HOLE						6.0
-7.0									7.0
-8.0									8.0
-9.0									9.0
-10.0									10.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 5.0 m		COMPLETE 87/01/	
		LOGGED BY	DWG NO.B-100	Page 1 of 1	

ANGASAK LO3 SPRAY ICE ISLAND		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. AN87SS02			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 5.5m		Project No: GOLDER 862-2072			
ORIGINAL BOREHOLE NO. BH 2		UTM ZONE: 9 N7789410.00 E479200.00		ELEVATION -5.50 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	TEMPERATURE CELCIUS -3 -1 1 3 PLASTIC M.C. LIQUID 20 40 60 80	POCKET PENETROMETER (kPa) 100 200 300 400	USC	DEPTH (ft)
0.0			SAND (sm) - silty, trace of organics and seashells, fine grained, dark grey - silt lenses				0.0
-1.0							-2.0
-2.0		9	- amorphous peat layer 200 mm - some silt, medium to fine grained, grey				-4.0
-3.0							-6.0
-4.0		10					-8.0
-5.0			END OF HOLE				-10.0
-6.0							-12.0
-7.0							-14.0
-8.0							-16.0
-9.0							-18.0
-10.0							-20.0
							-22.0
							-24.0
							-26.0
							-28.0
							-30.0
							-32.0
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 4.6 m		COMPLETE 87/01/	
				LOGGED BY		DWG NO.B-100	
						Page 1 of 1	

ANGASAK L03 SPRAY ICE ISLAND		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. AN87SS03					
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 5.9m		Project No: GOLDER 862-2072					
ORIGINAL BOREHOLE NO. BH 3		UTM ZONE: 9 N7789440.00 E479100.00		ELEVATION -5.90 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	TEMPERATURE CELCIUS		POCKET PENETROMETER (kPa)		USC	DEPTH (ft)
				PLASTIC	M.C.	LIQUID			
0.0			SAND (sm) - silty, layered, fine grained, occasional organics, silt layer						0.0
-1.0		9							2.0
-2.0		10							4.0
-3.0		11							6.0
-4.0		12							8.0
		13	- medium grained, brown						10.0
		14							12.0
			END OF HOLE						14.0
-5.0									16.0
-6.0									18.0
-7.0									20.0
-8.0									22.0
-9.0									24.0
-10.0									26.0
									28.0
									30.0
									32.0
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 4.5 m		COMPLETE 87/01/			
				LOGGED BY		DWG NO.B-101		Page 1 of 1	

ANGASAK LO3 SPRAY ICE ISLAND		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. AN87SS04	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 5.6m		Project No: GOLDER 862-2072	
ORIGINAL BOREHOLE NO. BH 4		UTM ZONE: 9 N7789480.00 E479160.00		ELEVATION -5.60 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☐ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	TEMPERATURE CELCIUS	POCKET PENETROMETER (kPa)	USC	DEPTH (ft)
				-3 -1 1 3 PLASTIC M.C. LIQUID 20 40 60 80	100 200 300 400		
0.0		8	SAND AND SILT (assumed)				0.0
-1.0			END OF HOLE				2.0
-2.0							4.0
-3.0							6.0
-4.0							8.0
-5.0							10.0
-6.0							12.0
-7.0							14.0
-8.0							16.0
-9.0							18.0
-10.0							20.0
-11.0							22.0
-12.0							24.0
-13.0							26.0
-14.0							28.0
-15.0							30.0
-16.0							32.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 1.1 m		COMPLETE 87/01/	
		LOGGED BY	DWG NO.B-102	Page 1 of 1	

NIPTERK P-32 SPRAY ICE ISLAND		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. NP89SS01	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 6.0m		Project No: GOLDER 882-2105	
ORIGINAL BOREHOLE NO. 89-1		UTM ZONE: 8 N7730700.00 E485000.00		ELEVATION -6.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	TEMPERATURE CELCIUS		POCKET PENETROMETER (kPa)		USC	DEPTH (ft)				
				-3	-1	1	3			100	200	300	400
				PLASTIC M.C. LIQUID									
0.0			CLAY (cl-ci) - soft to firm, silty, dark grey							0.0			
-1.0		8								2.0			
-2.0		9								4.0			
-3.0		10								6.0			
-4.0		11								8.0			
-5.0		12								10.0			
-6.0										12.0			
-7.0		13								14.0			
-8.0										16.0			
-9.0		14								18.0			
-10.0			END OF HOLE Slope indicator installed							20.0			
										22.0			
										24.0			
										26.0			
										28.0			
										30.0			
										32.0			

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 8.7 m	COMPLETE 89/01/
LOGGED BY		DWG NO.B-104	Page 1 of 1

NIPTERK P-32 SPRAY ICE ISLAND		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. NP89SS02	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 6.5m		Project No: GOLDER 882-2105	
ORIGINAL BOREHOLE NO. 89-2		UTM ZONE: 8 N7730700.00 E485000.00		ELEVATION -6.50 (m)	
SAMPLE TYPE ☒ SHELBY TUBE		☒ NO RECOVERY		☒ SPLIT SPOON	
		☐ CORE		☐ SHIPEK GRAB	
				☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	TEMPERATURE CELCIUS	POCKET PENETROMETER (kPa)	USC	DEPTH (#)
				-3 -1 1 3	100 200 300 400		
				PLASTIC M.C. LIQUID			
				20 40 60 80			
0.0			CLAY (ci-cl) - soft to firm, dark grey				0.0
-1.0	X	3					2.0
-2.0	X	4					4.0
-3.0							6.0
-4.0	X	5					8.0
-5.0	X	6					10.0
-6.0			END OF HOLE Slope indicator installed				12.0
-7.0							14.0
-8.0							16.0
-9.0							18.0
-10.0							20.0
							22.0
							24.0
							26.0
							28.0
							30.0
							32.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 5.5 m	COMPLETE 89/01/
LOGGED BY		DWG NO.B-105	Page 1 of 1

NIPTERK P-32 SPRAY ICE ISLAND		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. NP89SS03	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 6.5m		Project No: GOLDER 882-2105	
ORIGINAL BOREHOLE NO. 89-3		UTM ZONE: 8 N7730700.00 E485000.00		ELEVATION -6.50 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	TEMPERATURE CELCIUS	POCKET PENETROMETER (kPa)	USC	DEPTH (#)
				-3 -1 1 3 PLASTIC M.C. LIQUID 20 40 60 80	100 200 300 400		
0.0			CLAY (cl-ci) - soft to firm, silty, dark grey				0.0
-1.0		9					2.0
-1.5		10					4.0
-2.0		11					6.0
-3.0							8.0
-3.5		12					10.0
-4.0			END OF HOLE Slope indicator installed				12.0
-5.0							14.0
-6.0							16.0
-7.0							18.0
-8.0							20.0
-9.0							22.0
-10.0							24.0
							26.0
							28.0
							30.0
							32.0

EBA Engineering Consultants Ltd. Calgary, Alberta	COMPLETION DEPTH 3.7 m	COMPLETE 89/01/
	LOGGED BY	DWG NO.B-106

NIPTERK P-32 SPRAY ICE ISLAND		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. NP89SS04	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 6.5m		Project No: GOLDER 882-2105	
ORIGINAL BOREHOLE NO. 89-4		UTM ZONE: 8 N7730700.00 E485000.00		ELEVATION -6.50 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	◆ TEMPERATURE CELSIUS ◆ -3 -1 1 3 PLASTIC M.C. LIQUID 20 40 60 80	◆ POCKET PENETROMETER (kPa) ◆ 100 200 300 400	USC	DEPTH (ft)
0.0			CLAY (cl-ci) - soft to firm, silty, dark grey				0.0
1.0							2.0
2.0							4.0
3.0							6.0
4.0							8.0
5.0							10.0
6.0							12.0
7.0							14.0
8.0							16.0
9.0							18.0
10.0							20.0
							22.0
							24.0
							26.0
							28.0
							30.0
							32.0
			END OF HOLE Slope indicator installed				

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 4.5 m		COMPLETE 89/01/	
		LOGGED BY	DWG NO.B-107	Page 1 of 1	

NIPTERK P-32 SPRAY ICE ISLAND		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. NP89SS05	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 6.5m		Project No: GOLDER 882-2105	
ORIGINAL BOREHOLE NO. 89-5		UTM ZONE: 8 N7730700.00 E485000.00		ELEVATION -6.50 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	TEMPERATURE CELCIUS		POCKET PENETROMETER (kPa)		USC	DEPTH (ft)	
				-3	-1	1	3			100
0.0		5	CLAY (cl-ci) - soft to firm, silty, dark grey						0.0	
		6								
		7								
-1.0									2.0	
		8							4.0	
-2.0									6.0	
									8.0	
-3.0									10.0	
			END OF HOLE Slope indicator installed						12.0	
-4.0									14.0	
									16.0	
-5.0									18.0	
									20.0	
-6.0									22.0	
									24.0	
-7.0									26.0	
									28.0	
-8.0									30.0	
									32.0	
-9.0										
-10.0										

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 3.3 m	COMPLETE 89/01/
LOGGED BY		DWG NO.B-108	Page 1 of 1

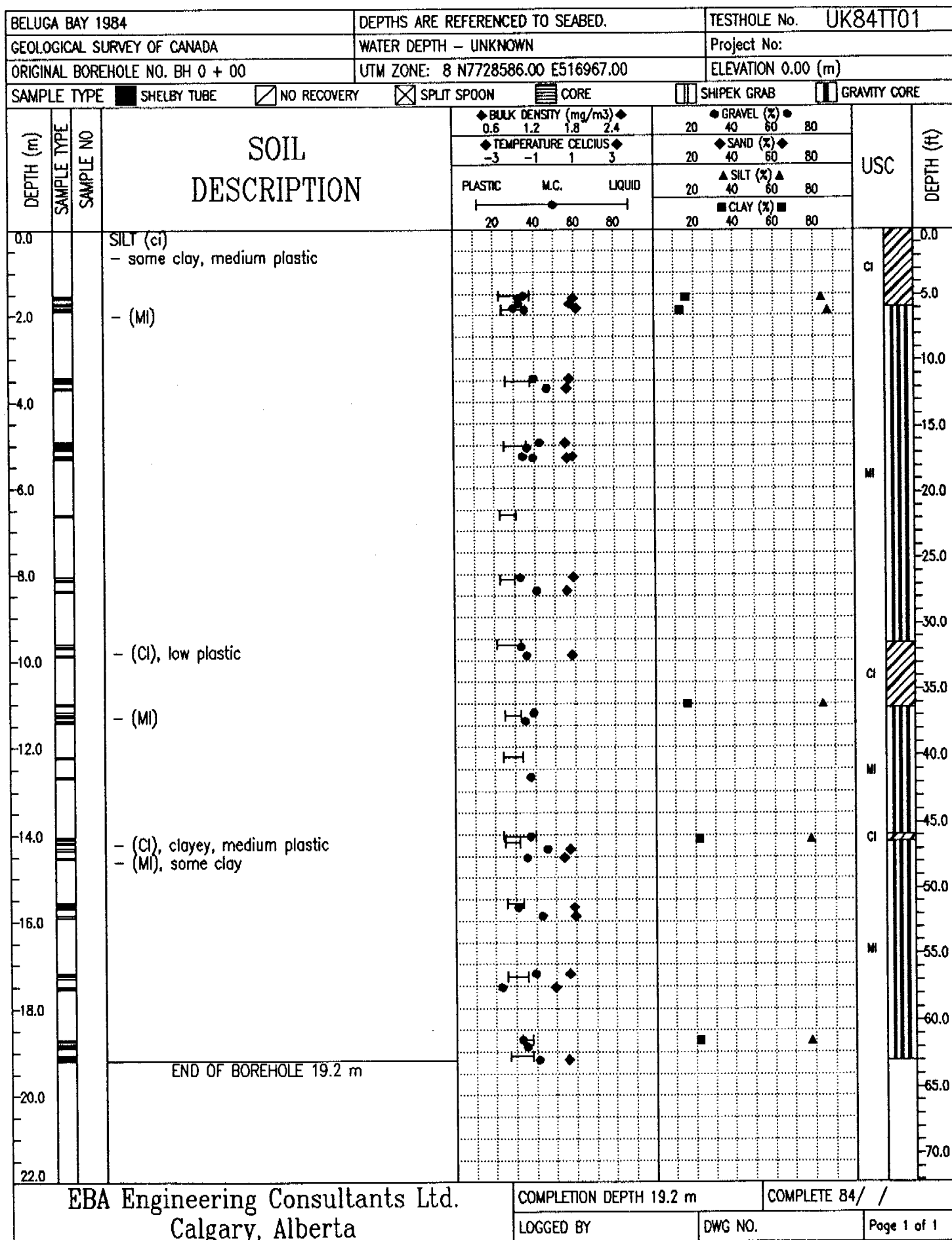
NIPTERK P-32 SPRAY ICE ISLAND		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. NP89SS06			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 6.5m		Project No: GOLDER 882-2105			
ORIGINAL BOREHOLE NO. 89-6		UTM ZONE: 8 N7730700.00 E485000.00		ELEVATION -6.50 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	◆ TEMPERATURE CELSIUS ◆	◆ POCKET PENETROMETER (kPa) ◆	USC	DEPTH (ft)
				-3 -1 1 3	100 200 300 400		
				PLASTIC M.C. LIQUID 20 40 60 80			
0.0	☒ 1A ☒ 1B		CLAY (cl-ci) - soft to firm, silty, dark grey				0.0
-1.0							2.0
-2.0							4.0
-3.0							6.0
-4.0							8.0
-5.0			END OF HOLE Slope indicator installed				10.0
-6.0							12.0
-7.0							14.0
-8.0							16.0
-9.0							18.0
-10.0							20.0
							22.0
							24.0
							26.0
							28.0
							30.0
							32.0
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 4.8 m		COMPLETE 89/01/	
				LOGGED BY		DWG NO.B-109	
						Page 1 of 1	

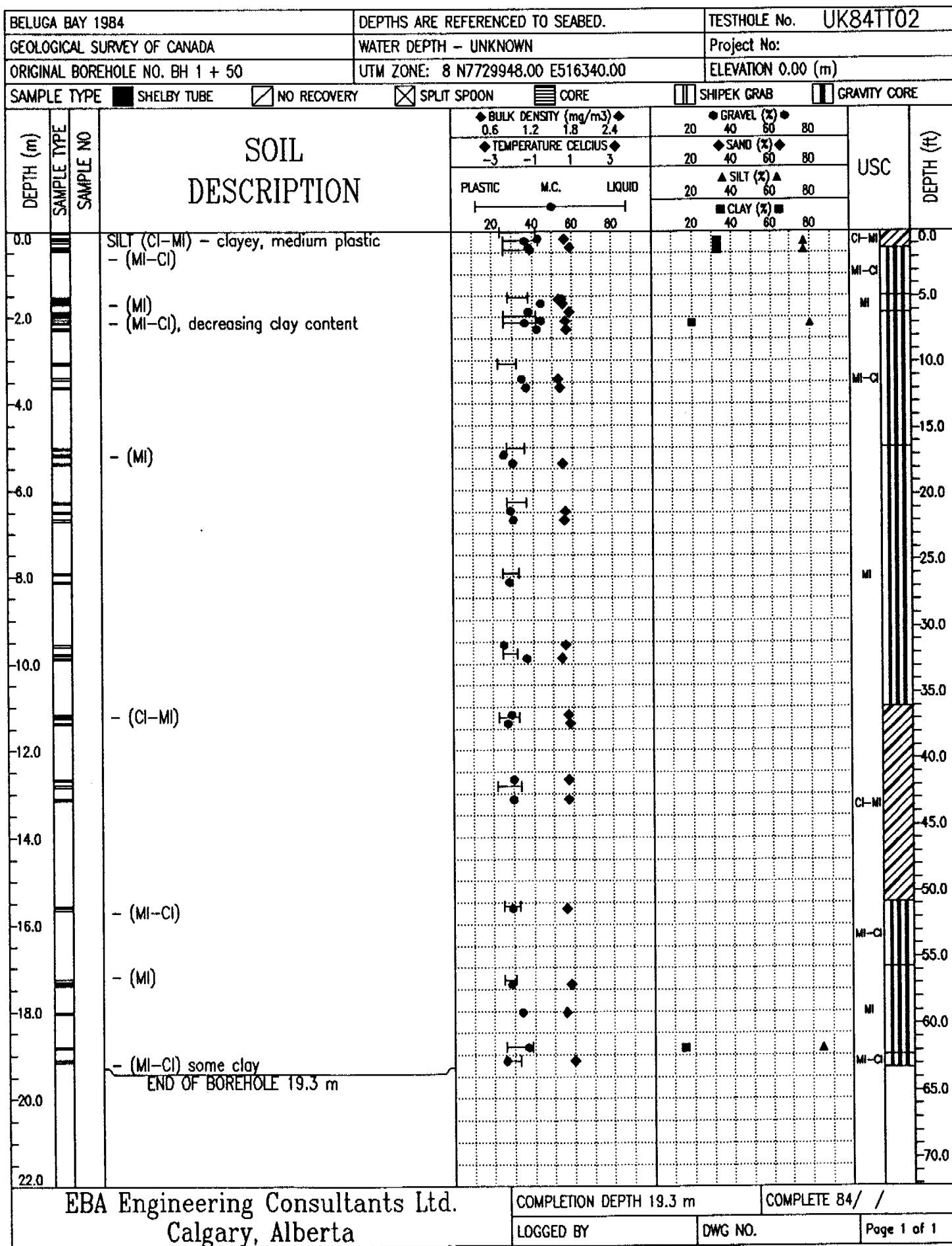
NIPTERK P-32 SPRAY ICE ISLAND		DEPTHS ARE REFERENCED TO SEABED		BOREHOLE No. NP89SS07		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 6.5m		Project No: GOLDER 882-2105		
ORIGINAL BOREHOLE NO. 89-7		UTM ZONE: 8 N7730700.00 E485000.00		ELEVATION -6.50 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	TEMPERATURE CELCIUS -3 -1 1 3 PLASTIC M.C. LIQUID 20 40 60 80	POCKET PENETROMETER (kPa) 100 200 300 400	USC DEPTH (ft)
0.0	☒		CLAY (cl-ci) - soft to firm, silty, dark grey			0.0
-1.0						-2.0
-2.0						-4.0
-3.0						-6.0
-4.0						-8.0
-5.0			END OF HOLE Slope indicator installed			-10.0
-6.0						-12.0
-7.0						-14.0
-8.0						-16.0
-9.0						-18.0
-10.0						-20.0
						-22.0
						-24.0
						-26.0
						-28.0
						-30.0
						-32.0
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH 4.8 m		COMPLETE 89/01/	
			LOGGED BY		DWG NO.B-110	
					Page 1 of 1	

NIPTERK P-32 SPRAY ICE ISLAND		DEPTHS ARE REFERENCED TO SEABED		TESTHOLE No. NP89SS08	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 6.5m		Project No: GOLDER 882-2105	
ORIGINAL BOREHOLE NO. 89-8		UTM ZONE: 8 N7730700.00 E485000.00		ELEVATION -6.50 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	◆ TEMPERATURE CELSIUS ◆ -3 -1 1 3 PLASTIC M.C. LIQUID 20 40 60 80	◆ POCKET PENETROMETER (kPa) ◆ 100 200 300 400	USC	DEPTH (ft)
0.0	☒	18	CLAY (cl-ci) - soft to firm, silty, dark grey	20 40 60 80			0.0
-1.0							-2.0
-2.0							-4.0
-3.0							-6.0
-4.0							-8.0
-5.0							-10.0
-6.0							-12.0
-7.0							-14.0
-8.0							-16.0
-9.0							-18.0
-10.0			SAND AND GRAVEL (sp-gp)				-20.0
-11.0			END OF HOLE Slope indicator installed				-22.0
							-24.0
							-26.0
							-28.0
							-30.0
							-32.0
							-34.0
							-36.0
							-38.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 10.6 m	COMPLETE 89/01/
		LOGGED BY	DWG NO.B-111 Page 1 of 1





BELUGA BAY 1984		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. UK84TT03	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No:	
ORIGINAL BOREHOLE NO. BH 3 + 00		UTM ZONE: 8 N7731306.00 E515714.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHPEK GRAB ☐ GRAVITY CORE					

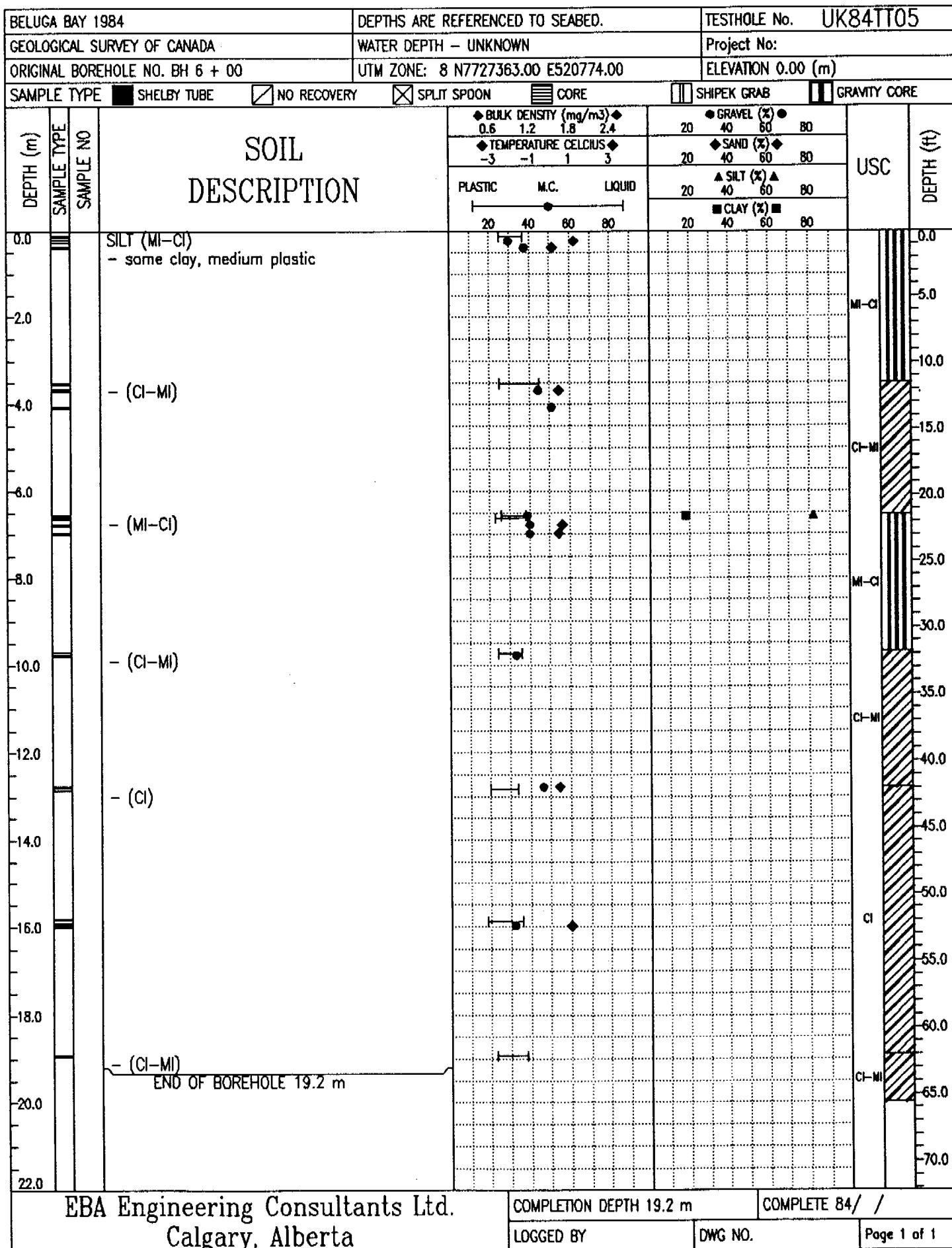
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)			TEMPERATURE CELCIUS			GRAVEL (%)			SAND (%)			SILT (%)			CLAY (%)			USC	DEPTH (ft)
				0.5	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0			SILT (MH) - high plastic																			0.0	
2.0																						5.0	
4.0			- (MI), medium plastic																			10.0	
6.0																						15.0	
8.0			- (MI-CI)																			20.0	
10.0			- (MI)																			25.0	
12.0																						30.0	
14.0																						35.0	
16.0																						40.0	
18.0																						45.0	
20.0			- (MI-CI)																			50.0	
22.0			END OF BOREHOLE 20.5 m																			55.0	

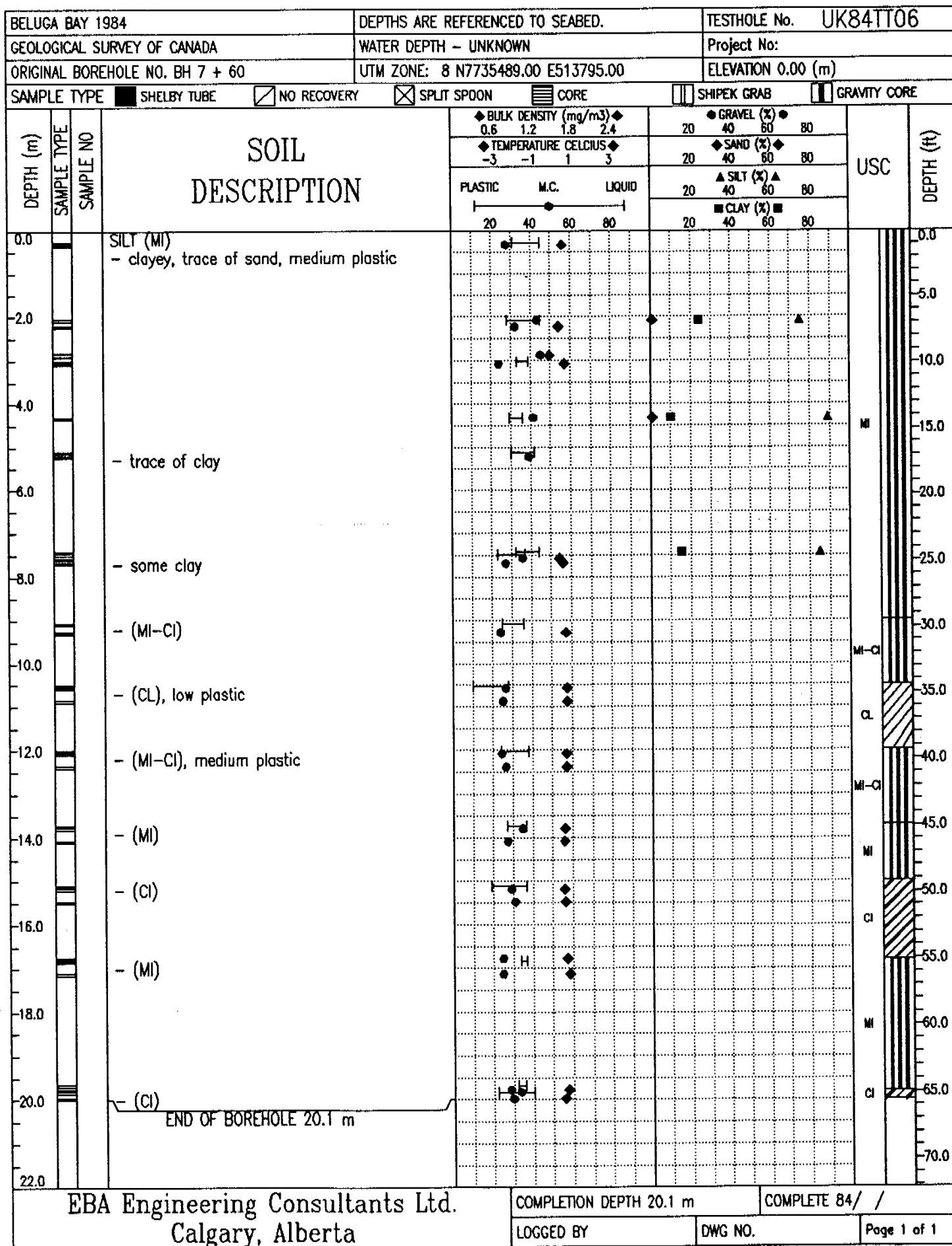
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 20.5 m	COMPLETE 84/ /
LOGGED BY	DWG NO.	Page 1 of 1	

BELUGA BAY 1984		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. UK84TT04	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No:	
ORIGINAL BOREHOLE NO. BH 4 + 50		UTM ZONE: 8 N7732673.00 E515088.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELSIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0			SILT (CI) - clayey, medium plastic																			0.0	
2.0																						5.0	
4.0			- some clay - (MI-CI)																			10.0	
6.0																						15.0	
8.0																						20.0	
10.0			- (MI)																			25.0	
12.0																						30.0	
14.0																						35.0	
16.0			- (MI-CI)																			40.0	
18.0																						45.0	
20.0			(CI) END OF BOREHOLE 19.3 m																			50.0	
22.0																						55.0	

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 19.3 m	COMPLETE 84/ /
LOGGED BY	DWG NO.	Page 1 of 1	

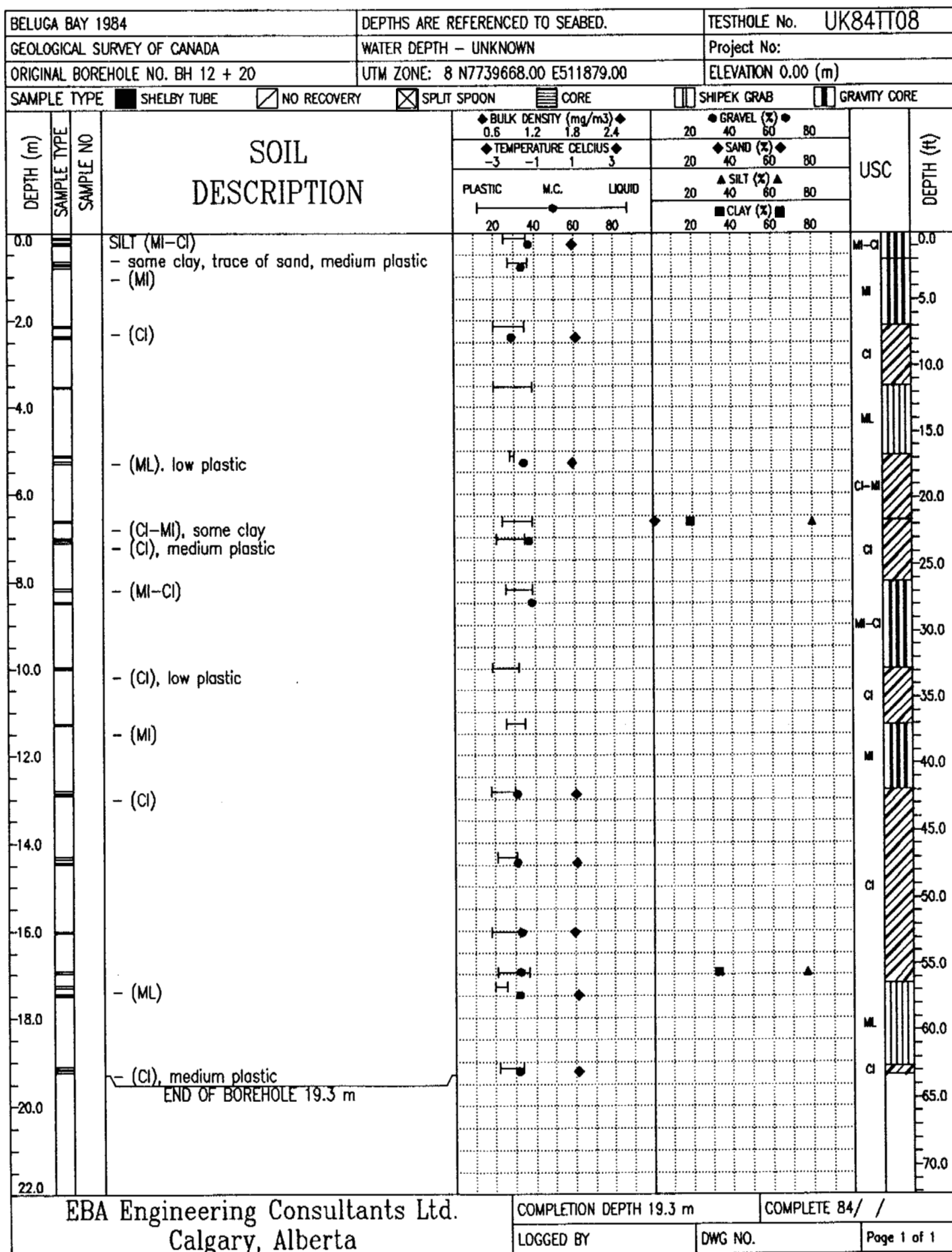




BELUGA BAY 1984		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. UK84TT07	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No:	
ORIGINAL BOREHOLE NO. BH 10 + 00		UTM ZONE: 8 N7737669.00 E512794.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0			SILT (MI-CI) - clayey, medium plastic - (CI)																			0.0	
2.0																						5.0	
4.0																						10.0	
6.0																						15.0	
8.0																						20.0	
10.0			- (MI-CI)																			25.0	
12.0			- (CI-MI)																			30.0	
14.0			- some clay																			35.0	
16.0			- (CI)																			40.0	
18.0			- (MI-CI)																			45.0	
20.0			- (CI-MI)																			50.0	
22.0			- (CI)																			55.0	
			END OF BOREHOLE 20.0 m																			60.0	
																						65.0	
																						70.0	

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 20.0 m	COMPLETE 84/ /
LOGGED BY	DWG NO.	Page 1 of 1	



BELUGA BAY 1984		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. UK84TT09	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No:	
ORIGINAL BOREHOLE NO. BH 15 + 00		UTM ZONE: 8 N7742214.00 E510714.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)		
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80			20	40
0.0			SILT (MI-CI) - medium plastic - (CI-MI)													MI-CI	0.0		
2.0			- (MI)													CI-MI	5.0		
4.0																MI	10.0		
6.0																MI	15.0		
8.0																CI-MI	20.0		
10.0			- (CI-MI)													CI-MI	25.0		
12.0																MI	30.0		
14.0			- (MI)													MI	35.0		
16.0			- (CI)													CI	40.0		
18.0																SM	45.0		
20.0			SAND (SM) - trace of silt and clay END OF BOREHOLE 19.0 m													SM	50.0		
22.0																	55.0		
																	60.0		
																	65.0		
																	70.0		

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 19.0 m		COMPLETE 84/ /	
		LOGGED BY	DWG NO.	Page 1 of 1	

BELUGA BAY 1984		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. UK84TT10	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No:	
ORIGINAL BOREHOLE NO. BH 17 + 60		UTM ZONE: 8 N7744577.00 E509634.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

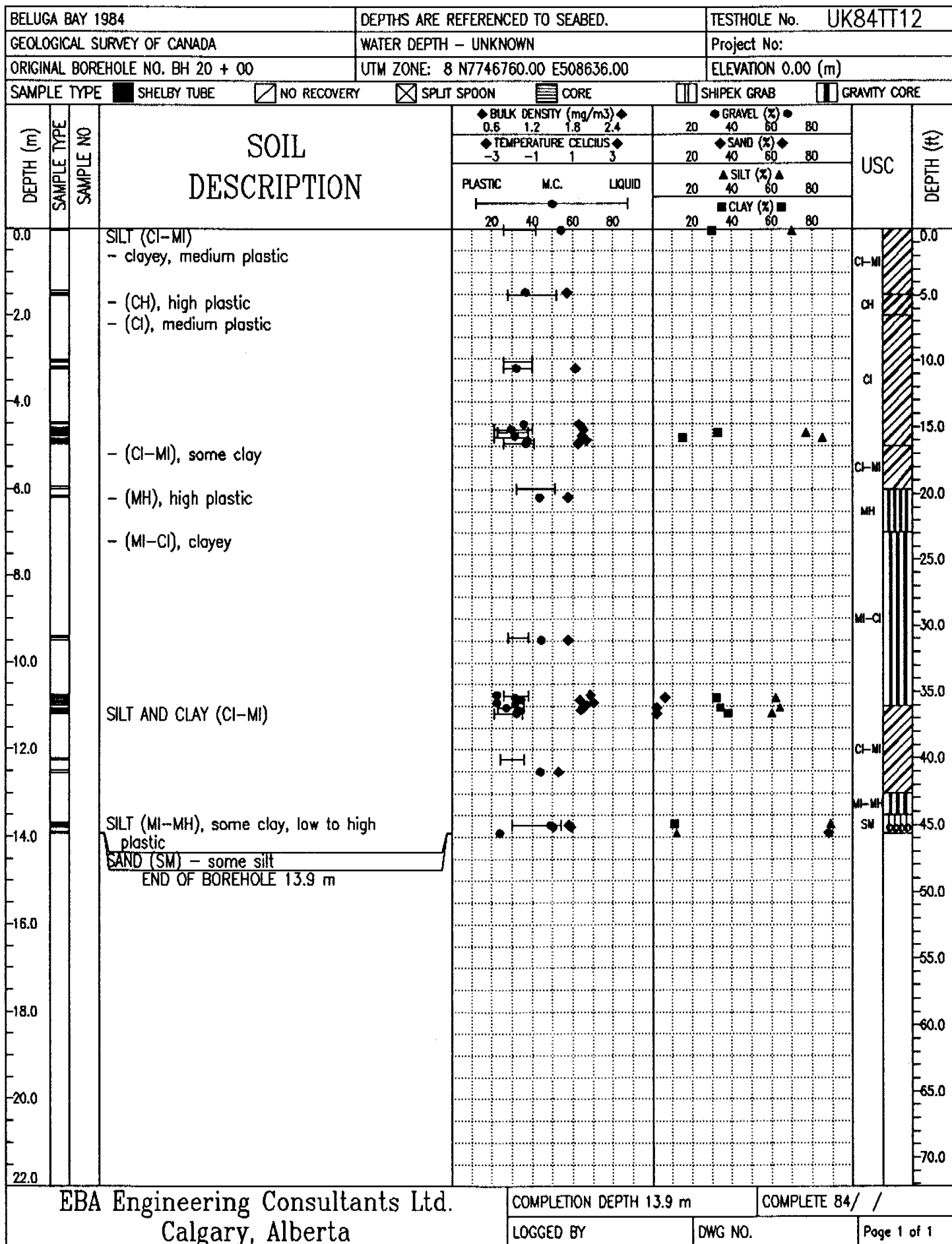
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0			SILT (MI) - trace of clay, medium plastic																			0.0	
2.0																						5.0	
4.0																						10.0	
6.0																						15.0	
8.0			- (CI), some clay and sand, medium plastic - (MI)																			20.0	
10.0			SAND (SM) - trace of silt and clay																			25.0	
12.0			- (SP), trace of gravel, silt and clay																			30.0	
14.0																						35.0	
16.0			- clay layer: sandy, silty, trace of gravel, thickness unknown - (SP-SM)																			40.0	
15.9			END OF BOREHOLE 15.9 m																			45.0	
18.0																						50.0	
20.0																						55.0	
22.0																						60.0	
																						65.0	
																						70.0	

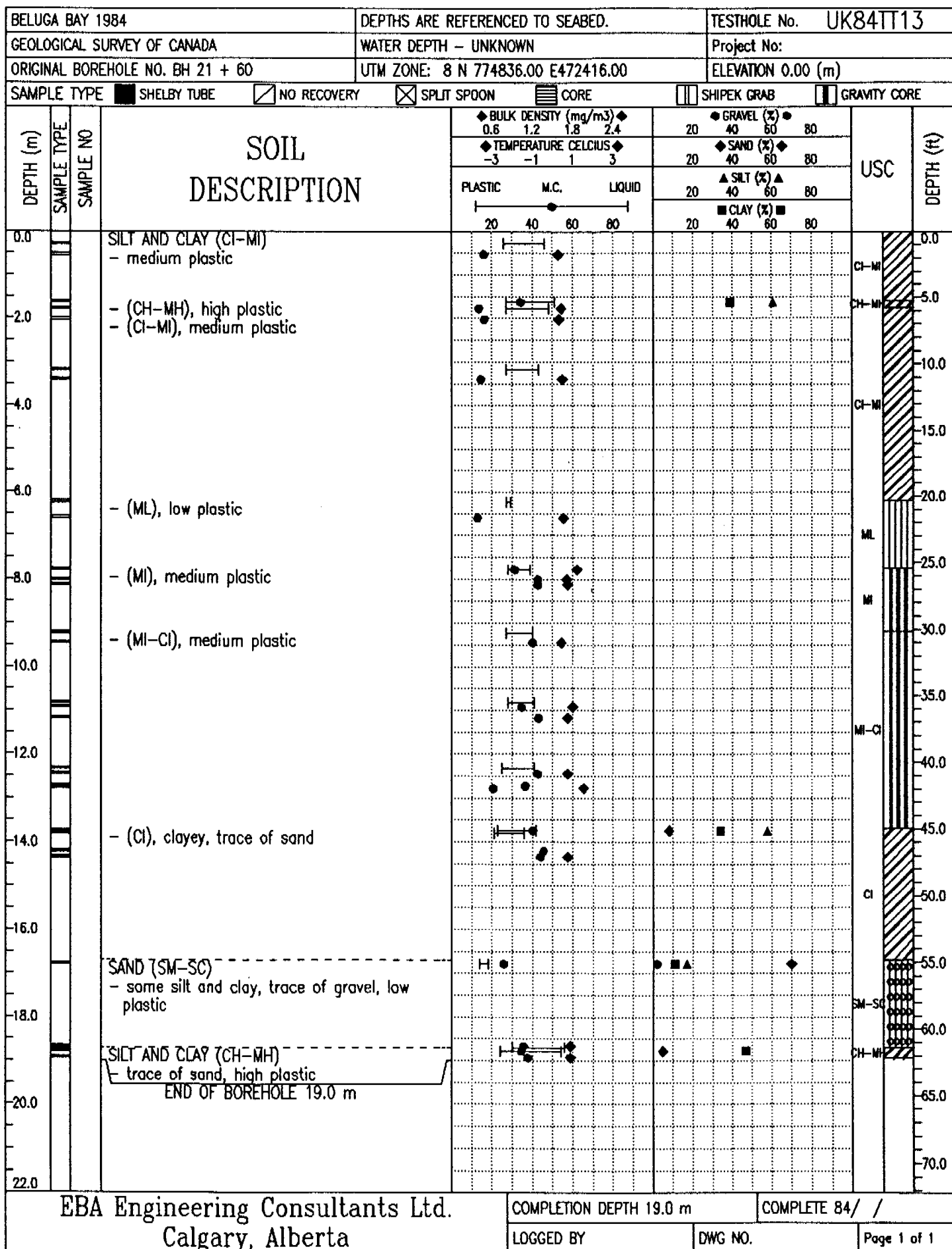
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 15.9 m		COMPLETE 84/ /	
LOGGED BY		DWG NO.		Page 1 of 1	

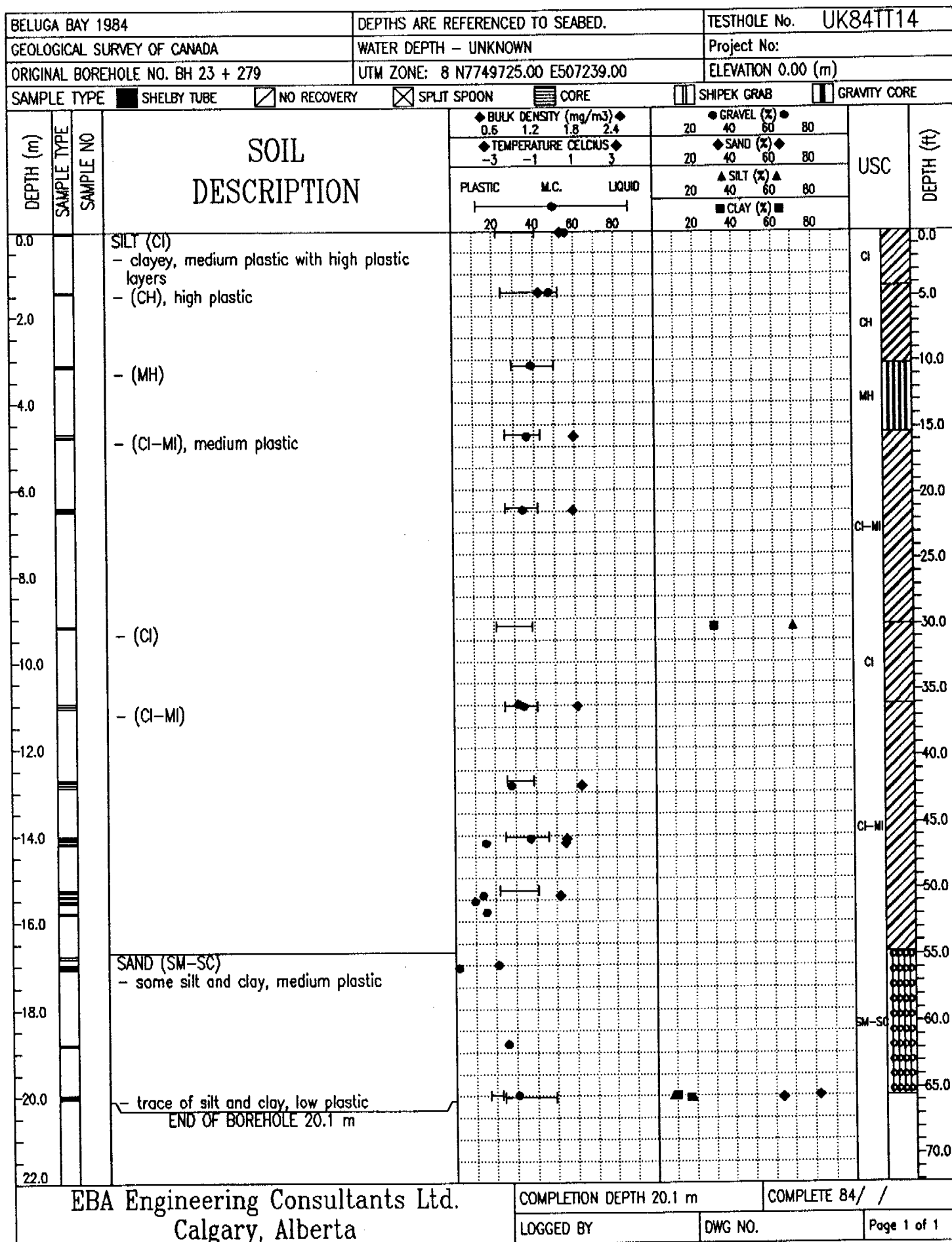
BELUGA BAY 1984		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. UK84TT11	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH -- UNKNOWN		Project No:	
ORIGINAL BOREHOLE NO. BH 17 + 60A		UTM ZONE: 8 N7744577.00 E509634.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE		☒ NO RECOVERY		☒ SPLIT SPDON	
		☒ CORE		☐ SHIPEK GRAB	
				☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)		
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80			20	40
0.0			SILT (MI-CL) - medium plastic														0.0		
2.0																	5.0		
4.0																	10.0		
6.0																	15.0		
8.0																	20.0		
10.0																	25.0		
12.0			(MH), high plastic SAND (SM-SP) - trace of silt and clay														30.0		
14.0																	35.0		
16.0																	40.0		
18.0																	45.0		
20.0																	50.0		
22.0																	55.0		

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 22.0 m	COMPLETE 84/ /
LOGGED BY	DWG NO.	Page 1 of 1	



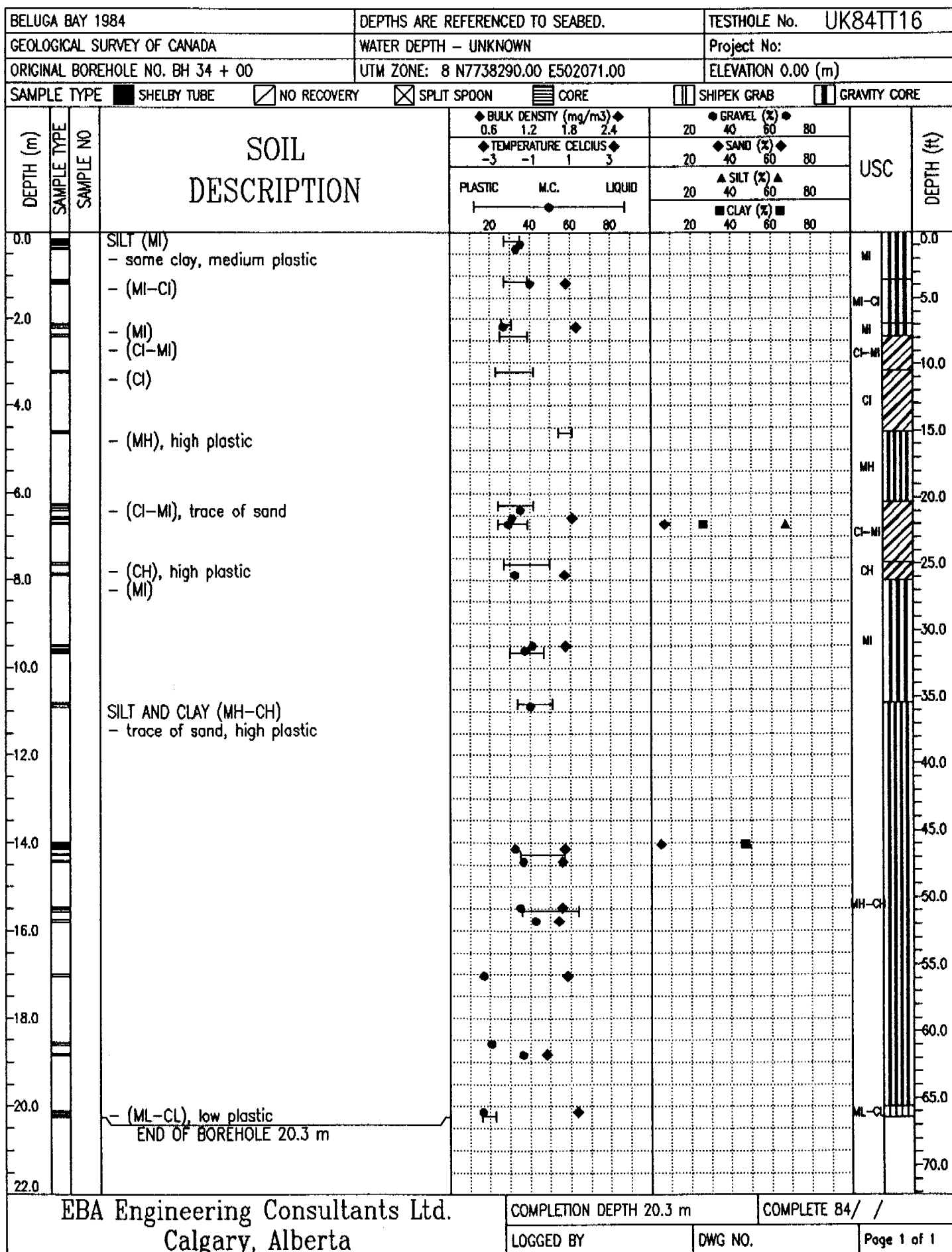


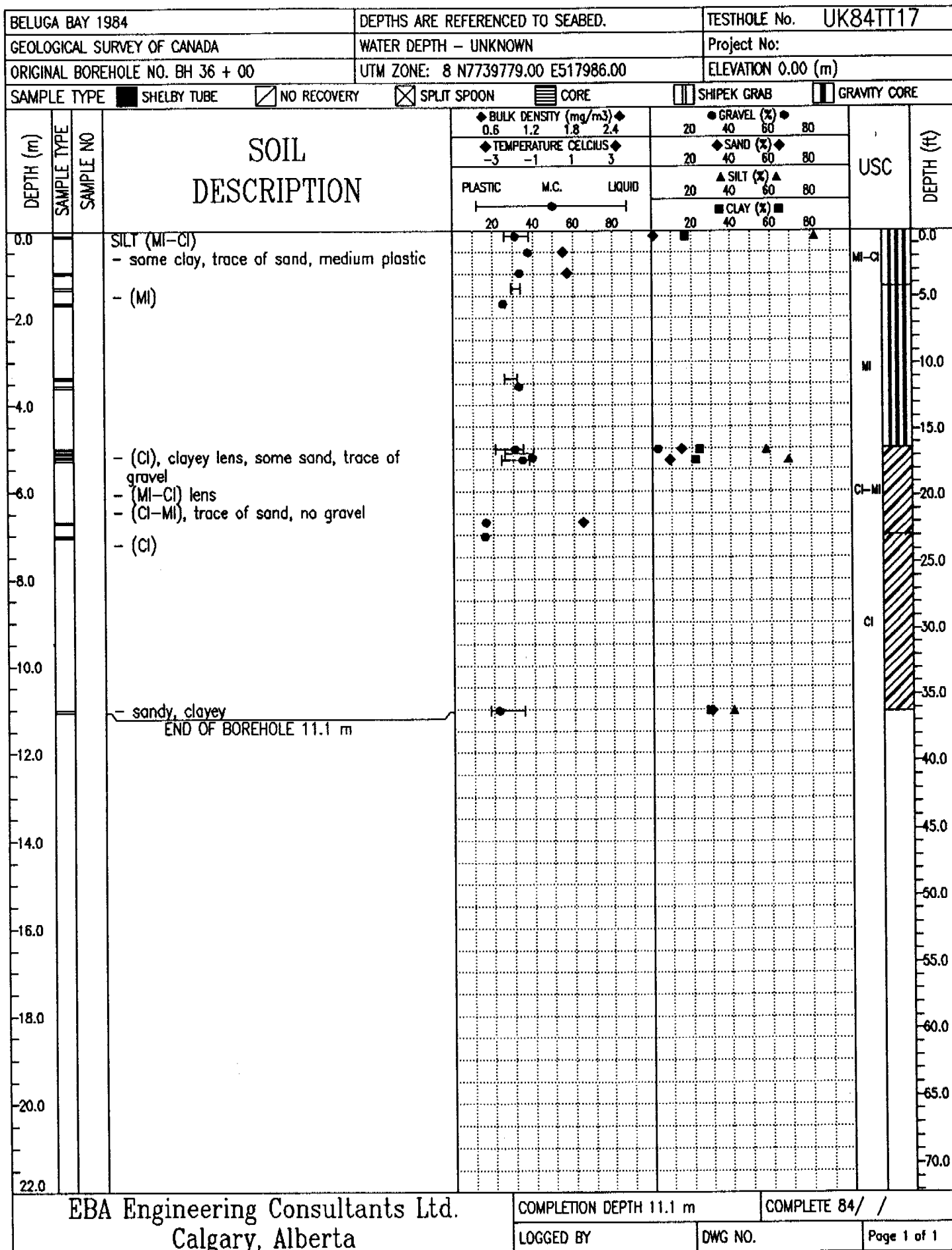


BELUGA BAY 1984		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. UK84TT15	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No:	
ORIGINAL BOREHOLE NO. BH 32 + 00		UTM ZONE: 8 N7736918.00 E515192.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0			SILT (MI) - clayey, trace of sand, medium plastic																			0.0	
2.0																						5.0	
4.0																						10.0	
6.0																						15.0	
8.0			- some clay, medium plastic																			20.0	
10.0			SAND AND SILT (SC) - trace of clay, low plastic - trace of silt and clay, low plastic																			25.0	
12.0																						30.0	
14.0																						35.0	
16.0			SILT (MI) - clayey, sandy, medium plastic																			40.0	
18.0			- (CI) END OF BOREHOLE 18.0 m																			45.0	
20.0																						50.0	
22.0																						55.0	

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 18.0 m	COMPLETE 84/ /
LOGGED BY	DWG NO.	Page 1 of 1	





BELUGA 198484		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. UK84TT18	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No:	
ORIGINAL BOREHOLE NO. BH 38 + 00		UTM ZONE: 8 N7741211.00 E519381.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	♦ BULK DENSITY (mg/m³) ♦ 0.6 1.2 1.8 2.4 ♦ TEMPERATURE CELCIUS ♦ -3 -1 1 3 PLASTIC M.C. LIQUID ● GRAVEL (%) ● 20 40 60 80 ♦ SAND (%) ♦ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC	DEPTH (ft)
0.0			SILT (MI-CL) - clayey, medium plastic - some clay - (MI)		0.0	
2.0					5.0	
4.0					10.0	
6.0					15.0	
8.0					20.0	
10.0					25.0	
12.0			SAND (SC) - clayey, some silt to silty, trace of gravel		30.0	
14.0					35.0	
16.0			END OF BOREHOLE 14.6 m		40.0	
18.0					45.0	
20.0					50.0	
22.0					55.0	
					60.0	
					65.0	
					70.0	

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 14.6 m		COMPLETE 84/ /	
		LOGGED BY	DWG NO.	Page 1 of 1	

BELUGA BAY 1984		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. UK84TT19	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No:	
ORIGINAL BOREHOLE NO. BH 41 + 00		UTM ZONE: 8 N7728212.00 E549903.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0			SILT (MI-CI) - some clay, trace of sand, medium plastic - (MI)																			MI-CI	0.0
2.0																						MI	5.0
4.0																						MI	10.0
6.0																						MI	15.0
8.0																						MI	20.0
10.0																						MI	25.0
12.0			- (CI)																			CI	30.0
14.0			- (CI-MI)																			CI-MI	35.0
16.0			- (CI)																			CI	40.0
18.0			- (MI)																			MI	45.0
20.0			END OF BOREHOLE 19.7 m																			MI	50.0
22.0																						MI	55.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 19.7 m		COMPLETE 84/ /	
		LOGGED BY	DWG NO.	Page 1 of 1	

BELUGA BAY 1984		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. UK84TT20	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No:	
ORIGINAL BOREHOLE NO. BH 42 + 00		UTM ZONE: 8 N7727973.00 E518870.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE		☒ NO RECOVERY		☒ SPLIT SPOON	
☐ CORE		☐ SHIPEK GRAB		☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)			TEMPERATURE CELCIUS			PLASTIC			M.C.			LIQUID			GRAVEL (%)			SAND (%)			SILT (%)			CLAY (%)			USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40	60	80	20	40	60	80					
0.0			SILT (MI) - some clay, trace of sand, medium plastic																										0.0			
2.0																													5.0			
4.0																													10.0			
6.0																													15.0			
8.0			(Cl-MI) (Cl), clayey, no sand																										20.0			
10.0																													25.0			
12.0																													30.0			
14.0			(Cl-MI)																										35.0			
16.0																													40.0			
18.0																													45.0			
20.0																													50.0			
22.0			END OF BOREHOLE 16.7 m																										55.0			

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 16.7 m		COMPLETE 84/ /	
LOGGED BY		DWG NO.		Page 1 of 1	

BELUGA BAY 1984		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. UK84TT21	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No:	
ORIGINAL BOREHOLE NO. BH 43 + 00		UTM ZONE: 8 N7727668.00 E519822.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0			SILT (mi-ci) - some clay, medium plastic																			0.0	
2.0																						5.0	
4.0																						10.0	
6.0																						15.0	
8.0																						20.0	
10.0																						25.0	
12.0																						30.0	
14.0																						35.0	
16.0																						40.0	
18.0																						45.0	
20.0			- clayey																			50.0	
22.0			- (ci-mi) END OF BOREHOLE 19.7 m																			55.0	

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 19.7 m	COMPLETE 84/ /
LOGGED BY	DWG NO.	Page 1 of 1	

BELUGA BAY 1984		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. UK84TT22	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No:	
ORIGINAL BOREHOLE NO. BH 44 + 00		UTM ZONE: 8 N - E -		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.5	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80		
0.0			SILT (ml) - trace of sand and clay, low plastic														0.0
2.0																	5.0
4.0																	10.0
6.0			SAND (sp) - clean END OF BOREHOLE 5.8 m														15.0
8.0																	20.0
10.0																	25.0
12.0																	30.0
14.0																	35.0
16.0																	40.0
18.0																	45.0
20.0																	50.0
22.0																	55.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 5.8 m		COMPLETE 84/ /	
		LOGGED BY	DWG NO.	Page 1 of 1	

BELUGA BAY 1984		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. UK84TT22	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No:	
ORIGINAL BOREHOLE NO. BH 44 + 00		UTM ZONE: 8 N - E -		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

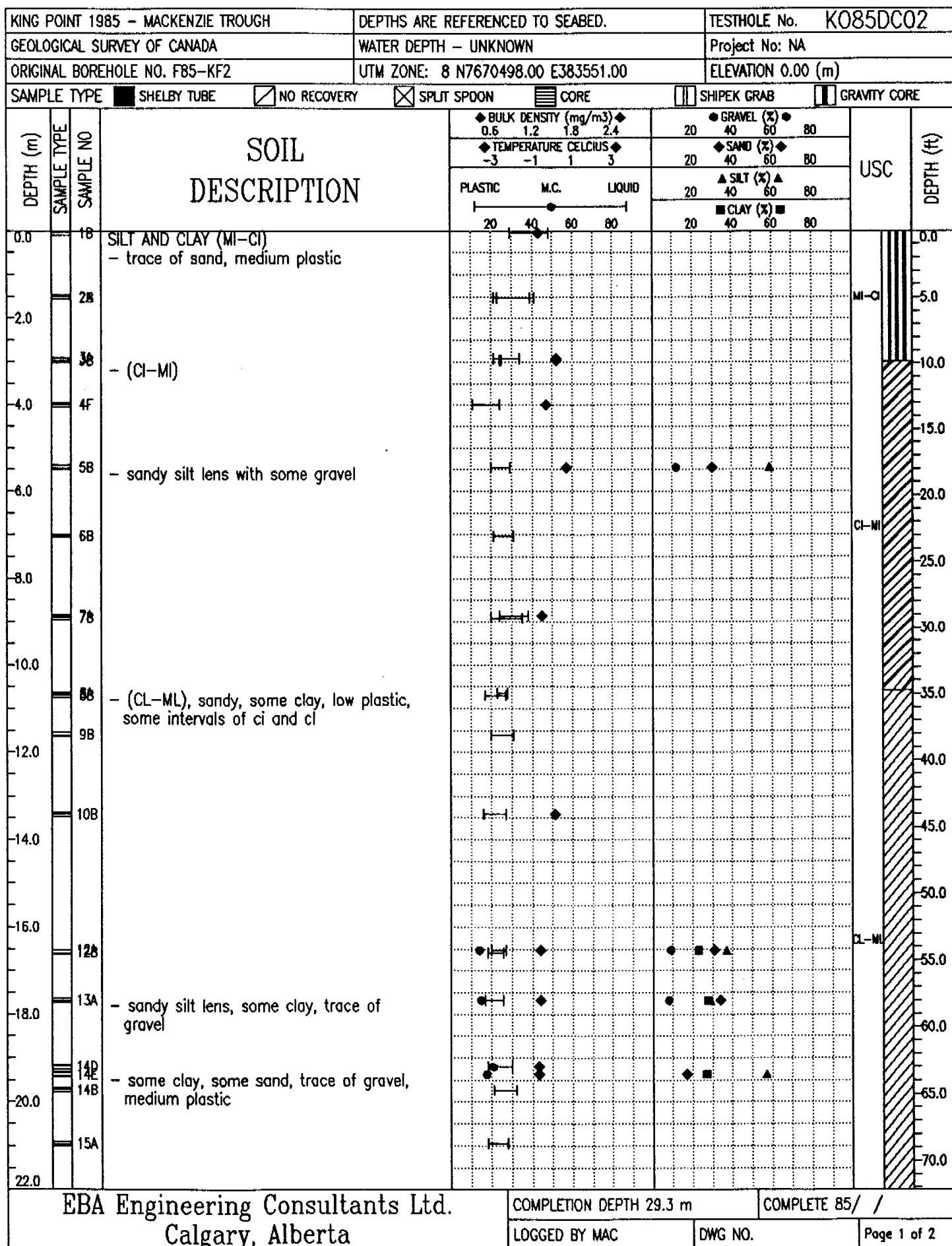
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		USC	DEPTH (ft)
				0.5	1.2	1.8	2.4	-3	-1		
0.0			SILT (ml) - trace of sand and clay, low plastic								0.0
-2.0											-5.0
-4.0											-10.0
-6.0			SAND (sp) - clean END OF BOREHOLE 5.8 m								-20.0
-8.0											-25.0
-10.0											-30.0
-12.0											-35.0
-14.0											-40.0
-16.0											-45.0
-18.0											-50.0
-20.0											-55.0
-22.0											-60.0
											-65.0
											-70.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 5.8 m		COMPLETE 84/ /	
		LOGGED BY	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC01	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KF1		UTM ZONE: 8 N7669313.00 E381811.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0			No data to 8.3 m																			0.0	
8.3	1B		SILT (CI) - some clay, low to medium plastic																		CI	25.0	
9.5	2B		- (CL-ML)																		CL-ML	30.0	
11.5	3B		- (CL)																		CL	35.0	
13.5	4B																				CL	40.0	
15.5	5B		- (CI)																		CI	45.0	
16.5	6B		- (MI)																		MI	50.0	
15.9			END OF BOREHOLE 15.9 m																			55.0	

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 15.9 m	COMPLETE 85/ /
LOGGED BY MAC	DWG NO.	Page 1 of 1	



KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC02					
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA					
ORIGINAL BOREHOLE NO. F85-KF2		UTM ZONE: 8 N7670498.00 E383551.00		ELEVATION 0.00 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	◆ BULK DENSITY (mg/m³) ◆ 0.6 1.2 1.8 2.4 ◆ TEMPERATURE CELSIUS ◆ -3 -1 1 3		◆ GRAVEL (%) ◆ 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80		USC	DEPTH (ft)
				PLASTIC	M.C.	LIQUID			
22.0		16A							
		16B							
24.0		17A							
		17A							
26.0									
28.0		18B	- (C)						
		19A	END OF BOREHOLE 29.3 m						
30.0									
32.0									
34.0									
36.0									
38.0									
40.0									
42.0									
44.0									

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COMPLETION DEPTH 29.3 m
LOGGED BY MAC

COMPLETE 85/ /
DWG NO.

Page 2 of 2

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC07																	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA																	
ORIGINAL BOREHOLE NO. F85-KF7		UTM ZONE: 8 N7670498.00 E383551.00		ELEVATION 0.00 (m)																	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE																					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)				
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80			20	40	60	80
				PLASTIC		M.C.		LIQUID													
				20		40		60		80		20		40		60		80			
0.0		1A	SILT (MI-CI) - medium plastic - (MH-CH), high plastic													MI-CI	0.0				
2.0																	5.0				
4.0		3A	- (MI), medium plastic														10.0				
6.0		5A															15.0				
8.0																	20.0				
10.0		7A	- (CI)														25.0				
12.0		9A	- (MI-CI)														30.0				
14.0		11A	- (CI-MI)														35.0				
16.0			END OF BOREHOLE 14.8 m														40.0				
18.0																	45.0				
20.0																	50.0				
22.0																	55.0				
																	60.0				
																	65.0				
																	70.0				

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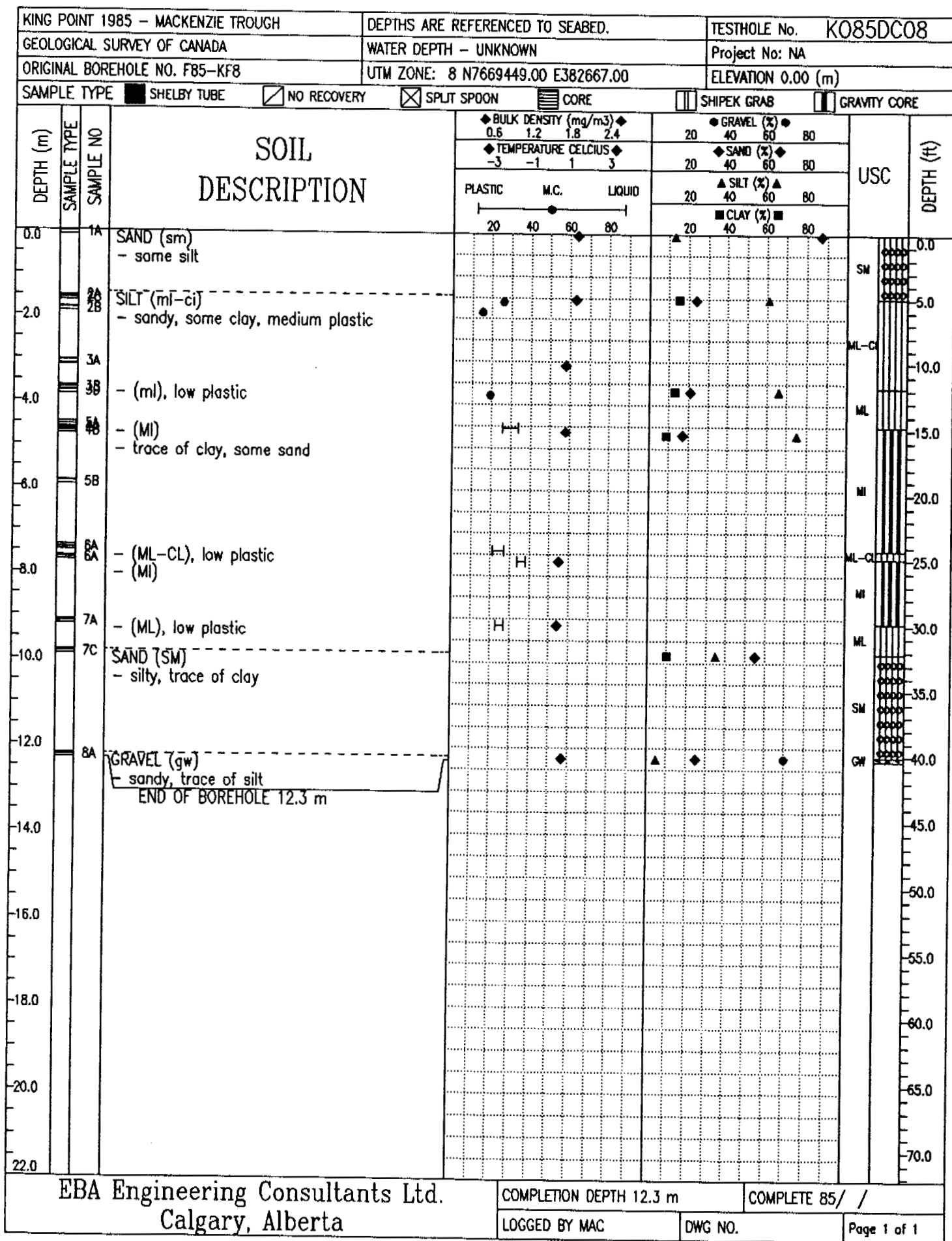
COMPLETION DEPTH 14.8 m

COMPLETE 85/ /

LOGGED BY MAC

DWG NO.

Page 1 of 1



KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC10	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KF10		UTM ZONE: 8 N7667769.00 E381628.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE		☒ NO RECOVERY		☒ SPLIT SPOON	
☒ CORE		☐ SHIEK GRAB		☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0			SILT (ci-mi) - medium plastic																				0.0
1.8		1B																					5.0
3.6		2A	- (MI-CI)																				10.0
14.4		8A	- (CL), low plastic																				45.0
17.4		10B	END OF BOREHOLE 17.4 m																				55.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 17.4 m	COMPLETE 85/ /
LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC11	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. FB5-KM1		UTM ZONE: 8 N7669092.00 E381335.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☐ SHELBY TUBE		☒ NO RECOVERY		☒ SPLIT SPOON	
		☐ CORE		☐ SHIPEK GRAB	
				☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
22.0																						75.0	
24.0		33																				80.0	
		35																					
		10.																					
26.0		37																				85.0	
		38	END OF BOREHOLE 25.9 m																			90.0	
28.0																						95.0	
30.0																						100.0	
32.0																						105.0	
34.0																						110.0	
36.0																						115.0	
38.0																						120.0	
40.0																						125.0	
42.0																						130.0	
44.0																						135.0	

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 25.9 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 2 of 2	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC12		
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA		
ORIGINAL BOREHOLE NO. F85-KM2		UTM ZONE: 8 N7669364.00 E381787.00		ELEVATION 0.00 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³) 0.6 1.2 1.8 2.4 TEMPERATURE CELCIUS -3 -1 1 3 PLASTIC M.C. LIQUID 20 40 60 80	GRAVEL (%) 20 40 60 80 SAND (%) 20 40 60 80 SILT (%) 20 40 60 80 CLAY (%) 20 40 60 80	USC DEPTH (ft)
0.0			SILT (cl) - some clay, low plastic			0.0
2.0		2				5.0
		3				10.0
4.0		5				15.0
6.0		8				20.0
		9				25.0
8.0		10				30.0
		11				35.0
10.0		13				40.0
		14				45.0
12.0		15				50.0
		16	(ci-mi), trace of sand, medium plastic			55.0
14.0		17				60.0
		18				65.0
16.0		20				70.0
18.0		21				
		25				
20.0		26				
22.0						
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 23.4 m		COMPLETE 85/ /
				LOGGED BY MAC		DWG NO.
						Page 1 of 2

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC12	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM2		UTM ZONE: 8 N7669364.00 E381787.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☐ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC M.C. LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40		
22.0		28																	
			END OF BOREHOLE 23.4 m																
24.0																			
26.0																			
28.0																			
30.0																			
32.0																			
34.0																			
36.0																			
38.0																			
40.0																			
42.0																			
44.0																			

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 23.4 m		COMPLETE 85/ /	
LOGGED BY MAC		DWG NO.		Page 2 of 2	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC13	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM3		UTM ZONE: 8 N7668632.00 E381521.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)			TEMPERATURE CELCIUS			GRAVEL (%)			SAND (%)			SILT (%)			CLAY (%)			USC	DEPTH (ft)
			0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0	1	CLAY (ci) - medium plastic																			0.0	
2.0	2																				5.0	
	3																				10.0	
4.0	4																				15.0	
	5																				20.0	
6.0	6																				25.0	
	7																				30.0	
8.0	8																				35.0	
	9																				40.0	
10.0	10	SILT AND SAND (ML-CL) - clayey and gravelly, low plastic																			45.0	
	11																				50.0	
12.0	12																				55.0	
	13																				60.0	
14.0	14																				65.0	
	15																				70.0	
16.0	16	END OF BOREHOLE 13.9 m																				

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 13.9 m	COMPLETE 85/ /
LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC14	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM4		UTM ZONE: 8 N7668126.00 E381521.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0			SILT (cl) - clayey, sandy, low plastic																				0.0
2.0		2																					5.0
4.0		3																					10.0
6.0		4																					15.0
8.0		5																					20.0
10.0		6																					25.0
12.0		7																					30.0
14.0		8																					35.0
16.0		9																					40.0
18.0			END OF BOREHOLE 12.0 m																				45.0
20.0																							50.0
22.0																							55.0
																							60.0
																							65.0
																							70.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 12.0 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC15	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM5		UTM ZONE: 8 N7667824.00 E381703.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)			TEMPERATURE CELCIUS			GRAVEL (%)			SAND (%)			SILT (%)			CLAY (%)			USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0		1	SILT (mi) - clayey, medium plastic																			0.0	
2.0																						5.0	
4.0		2																				10.0	
6.0		3																				15.0	
8.0		4																				20.0	
10.0		5																				25.0	
12.0		6																				30.0	
14.0			END OF BOREHOLE 9.9 m																			35.0	
16.0																						40.0	
18.0																						45.0	
20.0																						50.0	
22.0																						55.0	
																						60.0	
																						65.0	
																						70.0	

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 9.9 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC16	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM6		UTM ZONE: 8 N7667567.00 E381779.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)		
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80			20	40
0.0		1	SAND AND GRAVEL (sp-gp) - trace of silt, grading unknown														0.0		
2.0		2															5.0		
3.0		3	SAND (sp) - trace of silt, grading unknown														10.0		
4.0		4															15.0		
5.0		5	END OF BOREHOLE 4.5 m														20.0		
6.0																	25.0		
8.0																	30.0		
10.0																	35.0		
12.0																	40.0		
14.0																	45.0		
16.0																	50.0		
18.0																	55.0		
20.0																	60.0		
22.0																	65.0		

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 4.5 m	COMPLETE 85/ /
LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC17	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM7		UTM ZONE: 8 N7667816.00 E382085.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)		
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80			20	40
0.0		1	GRAVEL (gm) - sandy, some silt														0.0		
2.0		2															5.0		
4.0		3															10.0		
6.0		4															15.0		
8.0		5															20.0		
10.0		6	SILT (Cl) - some clay, trace of sand, medium plastic														25.0		
12.0		7	END OF BOREHOLE 7.8 m														30.0		
14.0																	35.0		
16.0																	40.0		
18.0																	45.0		
20.0																	50.0		
22.0																	55.0		
																	60.0		
																	65.0		
																	70.0		

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 7.8 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC18															
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA															
ORIGINAL BOREHOLE NO. F85-KM8		UTM ZONE: 8 N7667975.00 E381848.00		ELEVATION 0.00 (m)															
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIEK GRAB ☐ GRAVITY CORE																			
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)		
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80			20	40
				PLASTIC		M.C.		LIQUID											
				20		40		80		20		40		60		80			
0.0			SAND (sp) - some gravel, trace of silt														0.0		
2.0		1															5.0		
4.0		3															10.0		
6.0		4															15.0		
8.0		5															20.0		
		6															25.0		
		7															30.0		
		8															35.0		
		9	END OF BOREHOLE 8.1 m														40.0		
10.0																	45.0		
12.0																	50.0		
14.0																	55.0		
16.0																	60.0		
18.0																	65.0		
20.0																	70.0		
22.0																			
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH 8.1 m				COMPLETE 85/ /				LOGGED BY MAC				DWG NO.		Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC19	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM9		UTM ZONE: 8 N7668070.00 E381854.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0		1	SAND AND GRAVEL (sw-gw) - trace of silt																			0.0	
		2																				5.0	
-2.0		3																				10.0	
		5																				15.0	
-4.0		6																				20.0	
		7																				25.0	
-6.0		8	SAND (sm) - trace of silt																			30.0	
		9																				35.0	
-8.0		10	END OF BOREHOLE 7.8 m																			40.0	
																						45.0	
-10.0																						50.0	
																						55.0	
-12.0																						60.0	
																						65.0	
-14.0																						70.0	
																						75.0	
-16.0																						80.0	
																						85.0	
-18.0																						90.0	
																						95.0	
-20.0																						100.0	
																						105.0	
-22.0																						110.0	

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 7.8 m	COMPLETE 85/ /
LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC20	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. FB5-KM10		UTM ZONE: 8 N7668193.00 E382091.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		USC	DEPTH (ft)		
				0.6	1.2	1.8	2.4	-3	-1	1	3			20	40
0.0		1	No lab data										0.0		
		2													
		3													
-2.0		4											5.0		
		5											10.0		
-4.0		6											15.0		
-6.0		7/8											20.0		
-8.0			END OF HOLE 7.6 m										25.0		
-10.0													30.0		
-12.0													35.0		
-14.0													40.0		
-16.0													45.0		
-18.0													50.0		
-20.0													55.0		
-22.0													60.0		
													65.0		
													70.0		

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 7.6 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC21	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM11		UTM ZONE: 8 N7668453.00 E381814.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE		☒ NO RECOVERY		☒ SPLIT SPOON	
		☐ CORE		☐ SHIPEK GRAB	
				☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0																						0.0	
-2.0																						-5.0	
-4.0																						-10.0	
-6.0		6	SILT AND CLAY (ci) - trace of sand, medium plastic																			-15.0	
-7.0		7																				-20.0	
-8.0		8																				-25.0	
-9.0		9																				-30.0	
-10.0		10																				-35.0	
-11.0		11																					-40.0
-12.0		12																					-45.0
-13.0		13																					-50.0
-14.0		14																					-55.0
-15.0		15																					-60.0
-16.0		16																				-65.0	
-17.0		17																				-70.0	
-18.0		18	END OF BOREHOLE 11.0 m																				

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 11.0 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC22	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM12		UTM ZONE: 8 N7668392.00 E381750.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☐ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0		2	SAND AND GRAVEL (sp-sw, gm-gp)																			0.0	
		3	- trace to some silt																			5.0	
-2.0		4	- sand layer, gravelly, trace of silt (sp)																			10.0	
		5																				15.0	
		6																				20.0	
		7																				25.0	
		8																				30.0	
		9																				35.0	
		10																				40.0	
		11																				45.0	
		12																				50.0	
		13																				55.0	
		14	- sand layer, trace of gravel (sm)																			60.0	
		15																				65.0	
		16																				70.0	
		17																				75.0	
		18	SILT (CI)																			80.0	
		19	- medium plastic																			85.0	
		20																				90.0	
		21																				95.0	
8.0			END OF BOREHOLE 8.0 m																			100.0	

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 8.0 m	COMPLETE 85/ /
LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC23	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM13		UTM ZONE: 8 N7668057.00 E381221.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	PLASTIC M.C. LIQUID			GRAVEL (%)				USC	DEPTH (ft)	
				0.6 -3	1.2 -1	1.8 1	2.4 3	20	40	60			80
0.0		1	SILT (cl) - sandy, clayey, trace of gravel, low plastic										0.0
		2											
		2B											
		3/3											
		3C											
2.0		4											
		4B											
4.0		4D											
6.0													
8.0			END OF BOREHOLE 7.1 m										
10.0													
12.0													
14.0													
16.0													
18.0													
20.0													
22.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 7.1 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC24	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM14		UTM ZONE: 8 N7668761.00 E381593.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)		
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80			20	40
0.0			SILT AND CLAY (cl-mi) - low plastic														0.0		
1.0		1															5.0		
2.0																	10.0		
3.0		3															15.0		
4.0		4															20.0		
5.0		5															25.0		
6.0		6															30.0		
7.0		7															35.0		
8.0		8															40.0		
9.0		9															45.0		
10.0		10															50.0		
11.0		11	SAND AND SILT (SM) - clayey, low plastic														55.0		
12.0		12															60.0		
13.0			END OF BOREHOLE 9.6 m														65.0		
14.0																	70.0		
15.0																	75.0		
16.0																	80.0		
17.0																	85.0		
18.0																	90.0		
19.0																	95.0		
20.0																	100.0		
21.0																	105.0		
22.0																	110.0		

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 9.6 m	COMPLETE 85/ /
LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC25	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM15		UTM ZONE: 8 N7668724.00 E381530.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0		1																				0.0	
		2																				5.0	
		3																				10.0	
-2.0																						15.0	
		7	CLAY (cl)																			20.0	
		10	- low plastic																			25.0	
-4.0		12																				30.0	
		13																				35.0	
		14																				40.0	
		15																				45.0	
-8.0		16	END OF BOREHOLE 7.9 m																			50.0	
																						55.0	
-10.0																						60.0	
																						65.0	
-12.0																						70.0	
-14.0																							
-16.0																							
-18.0																							
-20.0																							
-22.0																							

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 7.9 m		COMPLETE 85/ /	
LOGGED BY MAC		DWG NO.		Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC26	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM16		UTM ZONE: 8 N7668674.00 E381484.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)		
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80			20	40
0.0			SILT (ci) - trace of clay, medium plastic														0.0		
-2.0		1														ci	5.0		
-3.0		2															10.0		
-4.0		3															15.0		
-5.0		4															20.0		
-6.0		5	- (MI)													M	25.0		
-7.0		6															30.0		
-8.0		7															35.0		
-9.0		8															40.0		
-10.0		9															45.0		
-11.0		10															50.0		
-12.0		11															55.0		
-13.0			END OF BOREHOLE 7.4 m														60.0		
-14.0																	65.0		
-15.0																	70.0		
-16.0																	75.0		
-17.0																	80.0		
-18.0																	85.0		
-19.0																	90.0		
-20.0																	95.0		
-21.0																	100.0		
-22.0																	105.0		

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 7.4 m	COMPLETE 85/ /
		LOGGED BY MAC	DWG NO.
		Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC27	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM17		UTM ZONE: 8 N7668295.00 E381672.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☐ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)		
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80			20	40
0.0		1	SAND AND SILT (sm) - no clay or gravel														0.0		
1.0		2															1.0		
2.0		3															2.0		
3.0		4															3.0		
4.0		5	SILT (CH) - sandy, some clay, high plastic														4.0		
5.0		6															5.0		
6.0		7															6.0		
7.0		8															7.0		
8.0		9															8.0		
9.0		10															9.0		
10.0		11															10.0		
11.0		12															11.0		
12.0		13															12.0		
13.0		14															13.0		
14.0		15															14.0		
15.0		16															15.0		
16.0		17															16.0		
17.0		18															17.0		
18.0		19															18.0		
19.0		20															19.0		
20.0		21															20.0		
21.0		22	- (CL) END OF BOREHOLE 10.2 m														21.0		
22.0																	22.0		

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 10.2 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC28	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM18		UTM ZONE: 8 N7667441.00 E382097.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	♦ BULK DENSITY (mg/m³) 0.6 1.2 1.8 2.4 ♦ TEMPERATURE CELCIUS -3 -1 1 3 PLASTIC M.C. LIQUID ● GRAVEL (%) 20 40 60 80 ♦ SAND (%) 20 40 60 80 ▲ SILT (%) 20 40 60 80 ■ CLAY (%) 20 40 60 80	USC	DEPTH (ft)
0.0		1	SILT (ci) - sandy, some clay, trace of gravel, medium plastic		0.0	
		2				
		3				
		4				
-2.0		5			-5.0	
		6				
		7				
		8				
		9				
		10				
		17				
		18				
		19				
		20				
		21				
		22				
-4.0		23			-10.0	
		24				
		25				
		26				
		27				
		28				
		30				
		31				
		34				
		36				
		37				
		38				
-6.0		39			-15.0	
		40				
		41				
-8.0					-20.0	
-10.0					-25.0	
-12.0					-30.0	
-14.0					-35.0	
-16.0					-40.0	
-18.0					-45.0	
-20.0					-50.0	
-22.0					-55.0	
					-60.0	
					-65.0	
					-70.0	

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 29.3 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 1 of 2	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC28	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM18		UTM ZONE: 8 N7667441.00 E382097.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)		
				0.5	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80			20	40
22.0		43	- trace of gravel														75.0		
		44															80.0		
-24.0		46															85.0		
		48															90.0		
-26.0		49														95.0			
		52														100.0			
-28.0		53														105.0			
			END OF BOREHOLE 29.3 m														110.0		
-30.0																	115.0		
-32.0																	120.0		
-34.0																	125.0		
-36.0																	130.0		
-38.0																	135.0		
-40.0																	140.0		
-42.0																			
-44.0																			

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 29.3 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 2 of 2	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC29					
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA					
ORIGINAL BOREHOLE NO. F85-KM19		UTM ZONE: 8 N7669288.00 E381879.00		ELEVATION 0.00 (m)					
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	♦ BULK DENSITY (mg/m ³) ♦ 0.6 1.2 1.8 2.4		● GRAVEL (%) ● 20 40 60 80		USC	DEPTH (ft)
				♦ TEMPERATURE CELSIUS ♦ -3 -1 1 3		♦ SAND (%) ♦ 20 40 60 80			
				PLASTIC M.C. LIQUID 20 40 60 80		▲ SILT (%) ▲ 20 40 60 80			
						■ CLAY (%) ■ 20 40 60 80			
0.0		3	SILT (cl) - trace of clay and sand, low plastic						0.0
		4							5.0
-2.0		8							10.0
		9							15.0
-4.0		5							20.0
		6							25.0
-6.0		12							30.0
		13							35.0
-8.0		14							40.0
		15							45.0
-10.0		16							50.0
		17							55.0
-12.0		18							60.0
		19							65.0
-14.0		20							70.0
		21							
-16.0		28	(Ml), medium plastic						
		25							
-18.0		29							
		26							
-20.0		30							
		27							
-22.0		31							
		32							
		33	END OF BOREHOLE 20.1 m						

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Calgary, Alberta

COMPLETION DEPTH 20.1 m

COMPLETE 85/ /

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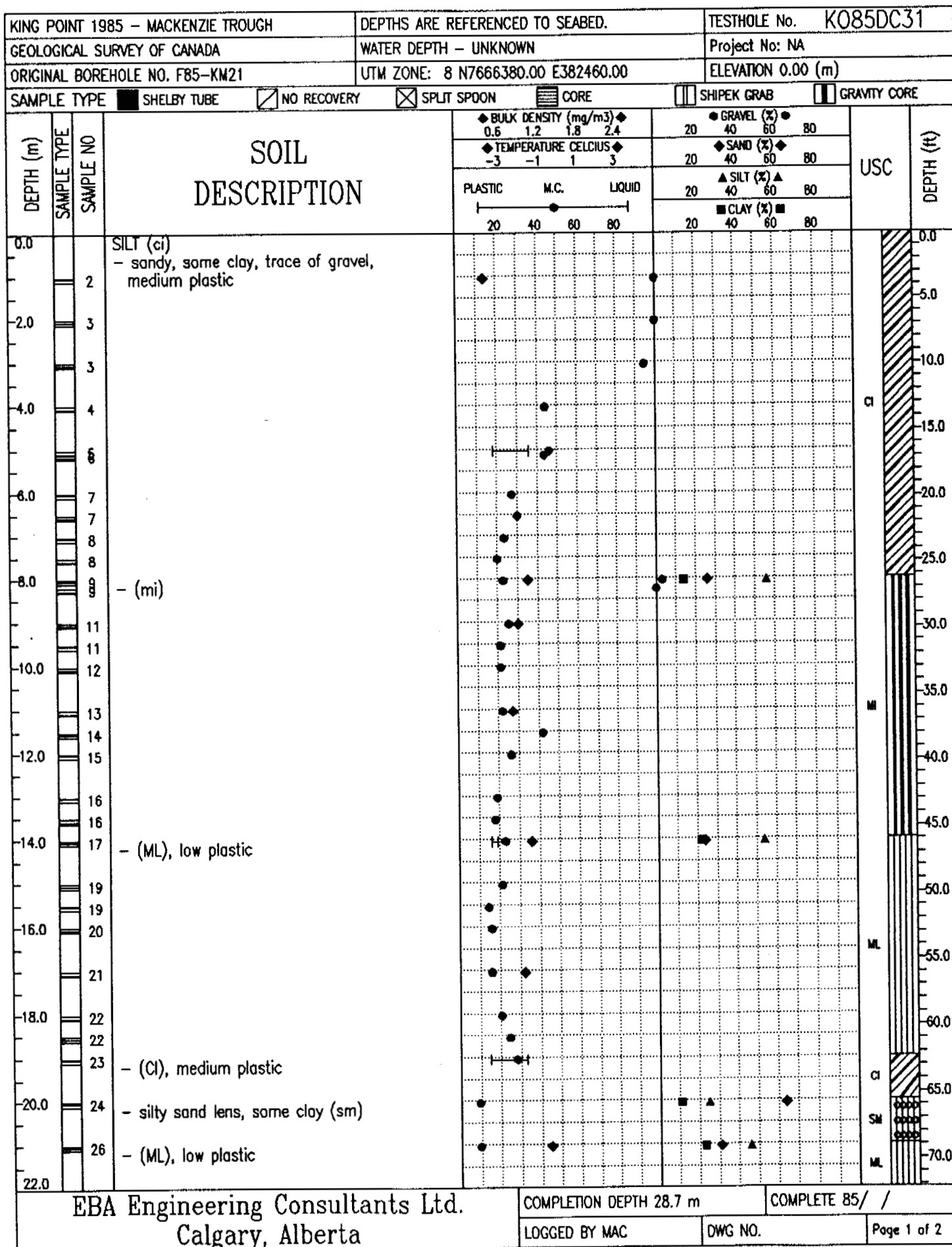
DWG NO.

Page 1 of 1

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC30	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM20		UTM ZONE: 8 N7666768.00 E381917.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☐ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE #	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC		M.C.		LIQUID		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)
				0.5	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0			SILT (cl) - sandy, some clay, low plastic																			0.0	
2.0		2																				5.0	
4.0																						10.0	
6.0		6																				15.0	
8.0		7																				20.0	
10.0		9																				25.0	
12.0		10																				30.0	
14.0		11																				35.0	
16.0		12																				40.0	
18.0		14																				45.0	
20.0		15	GRAVEL AND SAND (GM) - silty																			50.0	
22.0		16	SILT (Cl-MI) - sandy, medium plastic																			55.0	
24.0		17																				60.0	
26.0		18																				65.0	
28.0		19																				70.0	
30.0		20																					
32.0		23																					
34.0		25																					
36.0		26	END OF BOREHOLE 20.1 m																				

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 20.1 m		COMPLETE 85/ /	
LOGGED BY MAC		DWG NO.		Page 1 of 1	



KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC31	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM21		UTM ZONE: 8 N7666380.00 E382460.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)			TEMPERATURE CELCIUS			GRAVEL (%)			SAND (%)			SILT (%)			CLAY (%)			USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
22.0		27																					
24.0		28																				75.0	
		28																					
		29																				80.0	
		30																					
		30																					
		31																					
		32																				85.0	
		33																					
		34																				90.0	
		35	GRAVEL AND SAND (gm) - silty																			95.0	
			END OF BOREHOLE 28.7 m																				
30.0																						100.0	
32.0																						105.0	
34.0																						110.0	
36.0																						115.0	
38.0																						120.0	
40.0																						125.0	
42.0																						130.0	
44.0																						135.0	

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 28.7 m	COMPLETE 85/ /
LOGGED BY MAC	DWG NO.	Page 2 of 2	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC32	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM22		UTM ZONE: 8 N7666559.00 E381148.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC M.C. LIQUID			GRAVEL (%) SAND (%) SILT (%) CLAY (%)				USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60		
0.0			SILT AND CLAY (ci) - trace of sand, medium plastic												0.0	
1.0		1													1.0	
2.0		2													2.0	
3.0		3													3.0	
4.0															4.0	
6.0		6													6.0	
8.0		7													8.0	
9.0		8													9.0	
10.0		9													10.0	
12.0															12.0	
15.0		15													15.0	
18.0		20													18.0	
20.0		21	END OF BOREHOLE 19.6 m												20.0	
22.0															22.0	

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 19.6 m		COMPLETE 85/ /	
LOGGED BY MAC		DWG NO.		Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC33	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM23		UTM ZONE: 8 N7666585.00 E379632.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)			TEMPERATURE CELCIUS			GRAVEL (%)			SAND (%)			SILT (%)			CLAY (%)			USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40		
0.0		2	SILT AND CLAY (ci-cl) - sandy, some gravel, medium to low plastic																			0.0	
-2.0		3																				5.0	
		4																				10.0	
		5																				15.0	
		6																				20.0	
		7																				25.0	
		8																				30.0	
		9																				35.0	
		10																				40.0	
		11																				45.0	
		12	- (CI)																			50.0	
		13	- (CL)																			55.0	
		14																				60.0	
		15																				65.0	
		16																				70.0	

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 25.6 m	COMPLETE 85/ /
LOGGED BY MAC	DWG NO.	Page 1 of 2	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC33	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM23		UTM ZONE: 8 N7666585.00 E379632.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE		☒ NO RECOVERY		☒ SPLIT SPOON	
		☒ CORE		☐ SHIPEK GRAB	
				☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)	TEMPERATURE CELCIUS	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	USC	DEPTH (ft)
				0.6 1.2 1.8 2.4	-3 -1 1 3	20 40 60 80	20 40 60 80	20 40 60 80	20 40 60 80		
22.0											
24.0											
26.0		17	END OF BOREHOLE 25.6 m								
28.0											
30.0											
32.0											
34.0											
36.0											
38.0											
40.0											
42.0											
44.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 25.6 m	COMPLETE 85/ /
		LOGGED BY MAC	DWG NO.

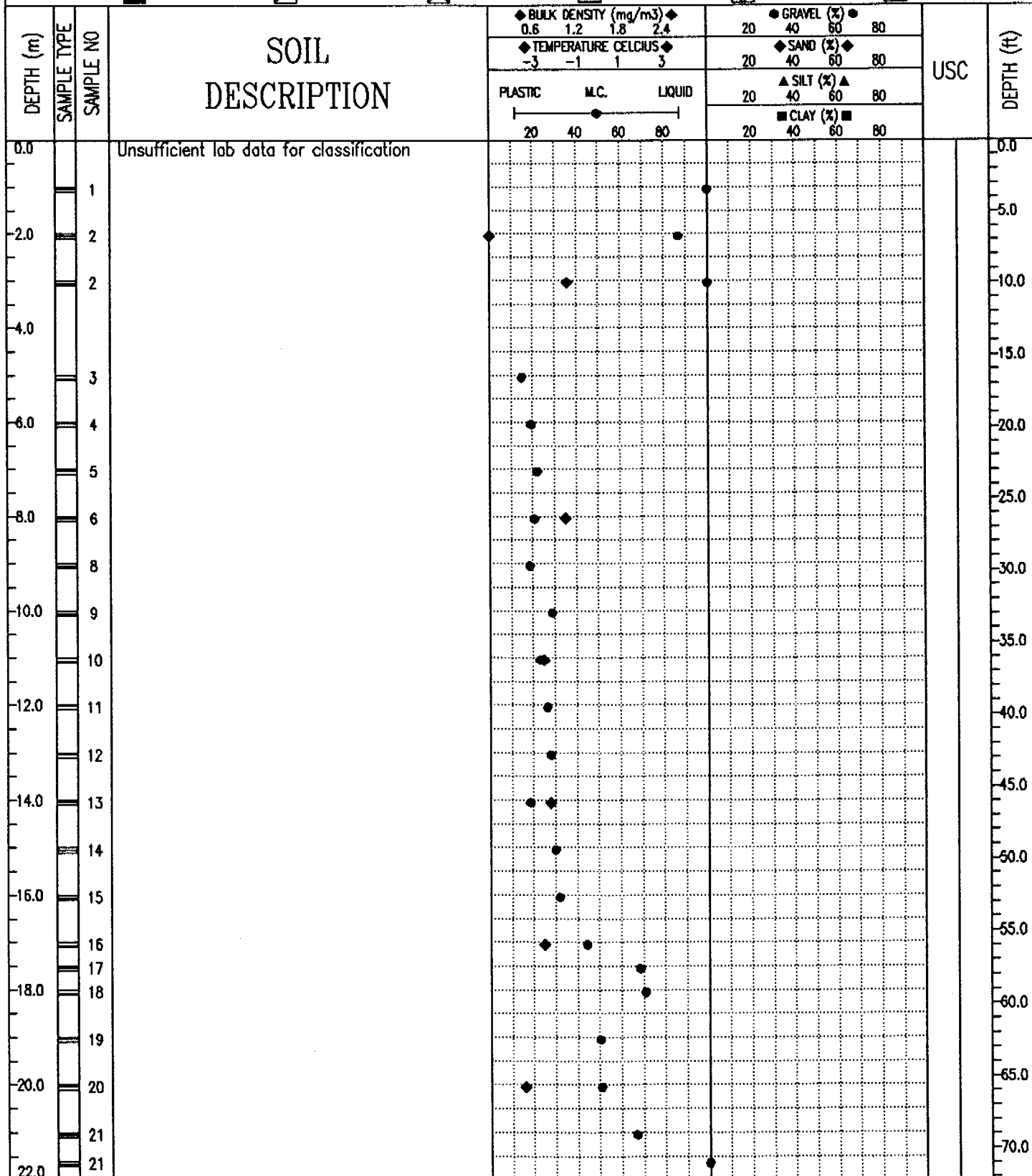
Page 2 of 2

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC34	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM24		UTM ZONE: 8 N7667869.00 E378551.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)		
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80			20	40
0.0		2	SAND (sw)														0.0		
		1	- some gravel, no fines														5.0		
2.0		3															10.0		
		4															15.0		
4.0		5															20.0		
		6															25.0		
6.0		7															30.0		
		8	- (sm-sc), clayey, some silt, low plastic														35.0		
8.0		9															40.0		
		10															45.0		
10.0		11															50.0		
		12															55.0		
12.0		13	- (cl)														60.0		
			END OF BOREHOLE 13.1 m														65.0		
14.0																	70.0		
16.0																			
18.0																			
20.0																			
22.0																			

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 13.1 m	COMPLETE 85/ /
LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH	DEPTHS ARE REFERENCED TO SEABED.	TESTHOLE No. K085DC35
GEOLOGICAL SURVEY OF CANADA	WATER DEPTH - UNKNOWN	Project No: NA
ORIGINAL BOREHOLE NO. F85-KM25	UTM ZONE: 8 N7667507.00 E379991.00	ELEVATION 0.00 (m)
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPDON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE		



EBA Engineering Consultants Ltd.
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COMPLETION DEPTH 29.1 m

COMPLETE 85/ /

LOGGED BY MAC

DWG NO.

Page 1 of 2

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC35	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM25		UTM ZONE: 8 N7667507.00 E379991.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☐ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	◆ BULK DENSITY (mg/m³) ◆ 0.6 1.2 1.8 2.4 ◆ TEMPERATURE CELCIUS ◆ -3 -1 1 3 PLASTIC 20 40 60 80 M.C. 20 40 60 80 LIQUID 20 40 60 80			● GRAVEL (%) ● 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80				USC	DEPTH (ft)
22.0	22										
	23										
	24										
24.0	24										
	25										
	26										
	27										
26.0	28	GRAVEL (gp-gm) - sandy, trace of silt									
	29										
28.0	30	Unsufficient lab data for classification									
	31	END OF BOREHOLE 29.1 m									
30.0											
32.0											
34.0											
36.0											
38.0											
40.0											
42.0											
44.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 29.1 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 2 of 2	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC36															
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA															
ORIGINAL BOREHOLE NO. F85-KM26		UTM ZONE: 8 N7668635.00 E380270.00		ELEVATION 0.00 (m)															
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE																			
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)		
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80			20	40
				PLASTIC		M.C.		LIQUID											
				20		40		60		80									
0.0		1	SILT (mi-ci)														0.0		
		2	- sandy, some clay, medium plastic														5.0		
-2.0		3															10.0		
		4															15.0		
-4.0		5															20.0		
		6															25.0		
-6.0		7	- (mi)														30.0		
		8	- (ci)														35.0		
-8.0		9															40.0		
-10.0		12															45.0		
		13	GRAVEL (gp-gm)														50.0		
-12.0		15	- sandy, trace of silt														55.0		
		16															60.0		
-14.0		18	No lab data														65.0		
		19															70.0		
-16.0		20																	
		21																	
-18.0		22																	
		23																	
-20.0		24																	
		25																	
-22.0		26																	
		27																	

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH 22.6 m COMPLETE 85/ /

LOGGED BY MAC DWG NO. Page 1 of 2

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC36	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM26		UTM ZONE: 8 N7668635.00 E380270.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1		
22.0		28	END OF BOREHOLE 22.6 m								
22.6		29									
24.0											
26.0											
28.0											
30.0											
32.0											
34.0											
36.0											
38.0											
40.0											
42.0											
44.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 22.6 m	COMPLETE 85/ /
		LOGGED BY MAC	DWG NO.

Page 2 of 2

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC37	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KN27		UTM ZONE: 8 N7669785.00 E379714.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)			TEMPERATURE CELCIUS			GRAVEL (%)			USC	DEPTH (ft)			
				0.6	1.2	1.8	2.4	-3	-1	1	3	20			40	60	80
				PLASTIC			M.C.			LIQUID							
0.0		1	SAND (sm) - gravelly, some silt											0.0			
		2															
-2.0		3												-5.0			
		4												-10.0			
-4.0		5												-15.0			
		6												-20.0			
-6.0		7												-25.0			
		8												-30.0			
-8.0		9												-35.0			
		10												-40.0			
-10.0		11												-45.0			
		12												-50.0			
-12.0		13	GRAVEL AND SAND (gm) - some silt											-55.0			
		14												-60.0			
-14.0		16												-65.0			
		17												-70.0			
-16.0		18	- (sm), gravelly, some silt											-75.0			
		19												-80.0			
-18.0		20												-85.0			
		21												-90.0			
-20.0		22	- (sm), trace of silt											-95.0			
		23												-100.0			
-22.0		24												-105.0			
														-110.0			

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 20.0 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC38	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. FB5-KM28		UTM ZONE: 8 N7669785.00 E378987.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE		☒ NO RECOVERY		☒ SPLIT SPOON	
		☐ CORE		☐ SHIEK GRAB	
				☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		USC			DEPTH (ft)
				0.6 -3	1.2 -1	1.8 1	2.4 3	GRAVEL (%)	SAND (%)	SILT (%)	
0.0			Unsuufficient lab data for classification								0.0
-2.0		1									5.0
-4.0		2									10.0
-6.0		3									15.0
-8.0		4									20.0
-10.0		5									25.0
-12.0		6									30.0
-14.0		7									35.0
-16.0		8									40.0
-18.0		9									45.0
-20.0		10									50.0
-22.0		11	END OF BOREHOLE 13.8 m								55.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 13.8 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC39	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM29		UTM ZONE: 8 N7667967.00 E377332.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☐ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		PLASTIC			M.C.			LIQUID			GRAVEL (%)				SAND (%)				SILT (%)				CLAY (%)				USC	DEPTH (ft)
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80	20	40	60	80	20	40	60	80	20	40	60	80							
0.0		1	CLAY (ci) - medium plastic																									0.0						
		2																										5.0						
-2.0		3																										10.0						
-4.0		4																										15.0						
-6.0																												20.0						
-8.0		5																										25.0						
-10.0																												30.0						
-12.0																												35.0						
-14.0		6																										40.0						
-16.0		7																										45.0						
-18.0		8																										50.0						
-20.0		9																										55.0						
-22.0		10																										60.0						
			END OF BOREHOLE 18.5 m																									65.0						
																												70.0						

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 18.5 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC40	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM30		UTM ZONE: 8 N7666233.00 E377025.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☐ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	♦ BULK DENSITY (mg/m³) ♦ 0.6 1.2 1.8 2.4 ♦ TEMPERATURE CELCIUS ♦ -3 -1 1 3 PLASTIC M.C. LIQUID ----- ----- 20 40 60 80	♦ GRAVEL (%) ♦ 20 40 60 80 ♦ SAND (%) ♦ 20 40 60 80 ▲ SILT (%) ▲ 20 40 60 80 ■ CLAY (%) ■ 20 40 60 80	USC DEPTH (ft)
0.0		1	CLAY (cl) - medium plastic			0.0
2.0						5.0
4.0						10.0
6.0						15.0
8.0		3				20.0
		4				25.0
10.0						30.0
12.0		5				35.0
14.0		6				40.0
16.0						45.0
18.0						50.0
20.0		7	END OF BOREHOLE 18.6 m			55.0
22.0						60.0
						65.0
						70.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 18.6 m		COMPLETE 85/ /	
		LOGGED BY MAC	DWG NO.	Page 1 of 1	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC41	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM31		UTM ZONE: 8 N7669371.00 E378496.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☐ NO RECOVERY ☒ SPLIT SPOON ☐ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)			TEMPERATURE CELCIUS			GRAVEL (%)			USC	DEPTH (ft)
				0.6 1.2 1.8 2.4			-3 -1 1 3			20 40 60 80				
										SAND (%)				
				PLASTIC M.C. LIQUID			20 40 60 80			SILT (%)				
										CLAY (%)				
				20 40 60 80			20 40 60 80			20 40 60 80				
0.0		1	SAND AND GRAVEL (sm-gm) - trace of silt and clay											0.0
2.0		3												5.0
		4												10.0
4.0		5												15.0
		6												20.0
6.0		7												25.0
		8												30.0
8.0		9												35.0
		10												40.0
10.0		11	Unsufficient lab data for classification											45.0
		12												50.0
12.0		13												55.0
		14												60.0
14.0		15												65.0
		16												70.0
16.0		17												
18.0														
20.0														
22.0		19												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 21.6 m	COMPLETE 85/ /
		LOGGED BY MAC	DWG NO.

Page 1 of 1

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC42	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM32		UTM ZONE: 8 N7669813.00 E377802.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE		☒ NO RECOVERY		☒ SPLIT SPOON	
☐ CORE		☐ SHIPEK GRAB		☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	◆ BULK DENSITY (mg/m ³) ◆ 0.6 1.2 1.8 2.4			◆ TEMPERATURE CELCIUS ◆ -3 -1 1 3			PLASTIC M.C. LIQUID 20 40 60 80			● GRAVEL (%) ● 20 40 60 80			◆ SAND (%) ◆ 20 40 60 80			▲ SILT (%) ▲ 20 40 60 80			■ CLAY (%) ■ 20 40 60 80			USC	DEPTH (ft)
0.0		1	Unsuufficient lab data for classification																					0.0		
2.0																									5.0	
4.0																									10.0	
6.0		2																							15.0	
8.0		3																							20.0	
10.0		4																							25.0	
12.0		5																							30.0	
14.0		6																							35.0	
16.0		7																							40.0	
18.0		8																							45.0	
20.0		9																							50.0	
22.0		10																							55.0	
		11																							60.0	
		12																							65.0	
		13																							70.0	
		14																								
		15																								
		16																								
		17																								
		18																								

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 24.1 m	COMPLETE 85/ /
LOGGED BY MAC	DWG NO.	Page 1 of 2	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC42	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM32		UTM ZONE: 8 N7669813.00 E377802.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE		☒ NO RECOVERY		☒ SPLIT SPOON	
		☒ CORE		☐ SHPEK GRAB	
				☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	◆ BULK DENSITY (mg/m³) ◆ ◆ GRAVEL (%) ◆ 0.6 1.2 1.8 2.4 20 40 60 80			USC	DEPTH (ft)
				◆ TEMPERATURE CELCIUS ◆ ◆ SAND (%) ◆ -3 -1 1 3 20 40 60 80				
				PLASTIC M.C. LIQUID 20 40 60 80 20 40 60 80				
22.0		19	END OF BOREHOLE 24.1 m	●				75.0
		20		●				
24.0		21		◆				80.0
26.0								85.0
28.0								90.0
30.0								95.0
32.0								100.0
34.0								105.0
36.0								110.0
38.0								115.0
40.0								120.0
42.0								125.0
44.0								130.0
								135.0
								140.0

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		LOGGED BY MAC	DWG NO.	Page 2 of 2	

KING POINT 1985 - MACKENZIE TROUGH		DEPTHS ARE REFERENCED TO SEABED.		TESTHOLE No. K085DC43	
GEOLOGICAL SURVEY OF CANADA		WATER DEPTH - UNKNOWN		Project No: NA	
ORIGINAL BOREHOLE NO. F85-KM33		UTM ZONE: 8 N7670498.00 E376800.00		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☒ CORE ☐ SHIPEK GRAB ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	BULK DENSITY (mg/m ³)		TEMPERATURE CELCIUS		GRAVEL (%)		SAND (%)		SILT (%)		CLAY (%)		USC	DEPTH (ft)		
				0.6	1.2	1.8	2.4	-3	-1	1	3	20	40	60	80			20	40
0.0		1	SILT (ci) - medium plastic														0.0		
2.0		4															5.0		
4.0		7															10.0		
6.0																	15.0		
8.0		8	- (MI-CI) END OF BOREHOLE 7.1 m														20.0		
10.0																	25.0		
12.0																	30.0		
14.0																	35.0		
16.0																	40.0		
18.0																	45.0		
20.0																	50.0		
22.0																	55.0		
																	60.0		
																	65.0		
																	70.0		

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LOGGED BY MAC	DWG NO.	Page 1 of 1	