

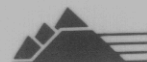
EBA Engineering Consultants Ltd.

Civil, Geotechnical and Materials Engineers

BEAUFORT SEA DATABASE 1989
SURFICIAL SEDIMENT AND BOREHOLE LOG DATA
VOLUME II
SURFICIAL SEDIMENT LOGS FOR THE
BEAUFORT SEA

ESSO RESOURCES CANADA LTD.

0305-34475



BEAUFORT SEA DATABASE 1989
SURFICIAL SEDIMENT AND BOREHOLE LOG DATA
VOLUME II
SURFICIAL SEDIMENT LOGS FOR THE
BEAUFORT SEA

ESSO RESOURCES CANADA LTD.

0305-34475



APRIL, 1989



0305-34475

ESSO RESOURCES CANADA LTD.

APPENDIX	YEAR OF STUDY	CONSULTANT	CONSULTANT'S	COREHOLE
			JOB NO.	LOG. NO. RANGE

A	1983	EBA	101-3868	ISGC1 to ISGC460
---	------	-----	----------	------------------



KISSGAK BORROW SITE			ORIGINAL BOREHOLE NO. GC1			BOREHOLE No. ISGC1		
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 9.45m			Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEALED			ELEVATION - 9.45 (m)		
SAMPLE TYPE	☐ SHELBY TUBE	☒ NO RECOVERY	☒ SPLIT SPOON	☐ DISTURBED	☐ PISTON	☐ GRAVITY CORE		
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION			USC			DEPTH (m)
		A.O.S.R. (mm) A 3000 4500 6000 8000			FINE (2) FINE 20 40 60 80			
		PLASTIC M.C LIQUID 70 40 60 80			SAND (2) SAND 20 40 60 80			
					GRAVEL (2) GRAVEL 20 40 60 80			
0.0		GRAVEL - assumed principal component, no sample recovery, sample tube bent						0.0
		END OF GRAVITY CORE						
								-1.0
								-2.0
								-3.0
1.0								

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH ... m
LOGGED BY JPR KAU MAY

COMPLETE 83/07/23
DWC NO.

Page 1 of 1

ISSIGAK BORROW SITE						ORIGINAL BOREHOLE NO. GC2	BOREHOLE No. SGC2										
ESSO RESOURCES CANADA LTD.						WATER DEPTH - 8.53m								Project No: EBA # 101-3B68			
DRAWN BY - M.V. FRANK BRODERICK						DEPTHS ARE REFERENCED TO SEABED								ELEVATION - 8.53 (m)			
SAMPLE TYPE		☐ SHIELD TUBE		☒ NO RECOVERY		☒ SPILT SPOON		☐ DISTURBED		☐ PISTON		☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.O.D.P. (mm) A								USC	DEPTH (ft)				
				2000 PLASTIC	1500 M.C.	900 LIQID	800	20	FINES (%) SAND (%) GRAVEL (%)	80							
0.0			GRAVEL — assumed principal component, no sample recovery, sample tube bent										0.0				
			END OF GRAVITY CORE										-1.0				
													-2.0				
													-3.0				
1.0																	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC3		BOREHOLE No. ISGC3	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.23m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.23 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			SAND - assumed principal component, no sample recovery, fine to coarse sand on sample tube		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m	COMPLETE 83/07/23	
			LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC4		BOREHOLE No. ISGC4	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.38m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.38 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			SAND - assumed principal component, no sample recovery, coarse sand on sample tube		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m	COMPLETE 83/07/23	
			LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC5		BOREHOLE No. ISGC5	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.84m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.84 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 0.075 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	425	850	2000	20	40	60	80		
0.0			SAND - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
		LOGGED BY JFR KWI MAV	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC6		BOREHOLE No. ISGC6	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.99m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.99 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 0.075 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	425	850	2000	20	40	60	80		
0.0			SAND AND GRAVEL - assumed principal components, poor sample recovery, sand and gravel on sample tube, maximum gravel size of 20 mm										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
		LOGGED BY JFR KWI MAV	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. G67		BOREHOLE No. SGC7	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.30m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.30 (m)	
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 100 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	6000	20	40	60		
0.0			SAND - assumed principal component, no sample recovery, sand on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. G68		BOREHOLE No. SGC8	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.45m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.45 (m)	
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 100 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	6000	20	40	60		
0.0			SAND - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. 0010		BOREHOLE No. ISGC10		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.75m		Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.75 (m)		
SAMPLE TYPE		☐ SHIELD TUBE		☒ NO RECOVERY		
		☒ SPLIT SPOON		☐ DISTURBED		
		☐ PISTON		☐ GRAVITY CORE		
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION		USC	DEPTH (ft)
			ADD (and) A 1000 500 250 125 63 PLASTIC M.C. LIQUID 20 10 5 2.5 1.25		PERCENT (%) 20 10 5 2.5 1.25 SAND (%) GRAVEL (%)	
0.0			SAND - assumed principal component, poor sample recovery, sand on sample tube			0.0
			END OF GRAVITY CORE			
1.0						1.0

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC11		BOREHOLE No. ISGC11	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 10.06m		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -10.06 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4300	8500	20	40	60		
0.0			SAND - assumed principal component, poor sample recovery, sand on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.0 m		COMPLETE 03/07/23	
LOGGED BY JPR KNU MAY		DWG NO.		Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC12		BOREHOLE No. ISGC12	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 10.06m		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -10.06 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4300	8500	20	40	60		
0.0			SAND (SP) - little fines, medium to coarse grained, gap graded								0.0
		12	CLAY								
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.1 m		COMPLETE 03/07/23	
LOGGED BY JPR KNU MAY		DWG NO.		Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC13		BOREHOLE No. ISGC13	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 10.06m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 10.06 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A				W FINES (%)				USC	DEPTH (m)
				3000	4500	6000	8000	20	40	60	80		
0.0			SAND - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/23
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC14		BOREHOLE No. ISGC14	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 10.21m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 10.21 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A				W FINES (%)				USC	DEPTH (m)
				3000	4500	6000	8000	20	40	60	80		
0.0			SAND (SP) - trace gravel, silt and clay, gap graded										0.0
		14	END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.1 m	COMPLETE 03/07/23
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC15		BOREHOLE No. SGC15	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 10.52m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -10.52 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A DSD (mm) A			PIES (mm)			USC	DEPTH (m)
				3000	4500	6000	30	40	50		
0.0			CLAY AND SAND - trace of gravel, assumed principal components, poor sample recovery, material on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 85/07/23
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC16		BOREHOLE No. SGC16	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 10.52m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -10.52 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A DSD (mm) A			PIES (mm)			USC	DEPTH (m)
				3000	4500	6000	30	40	50		
0.0			SAND - medium to coarse grained								0.0
			CLAY - trace silt and organics, firm								
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 85/07/23
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC17		BOREHOLE No. ISGC17	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.75m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.75 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	AD50 (mm) A				FINES (%)				USC	DEPTH (ft)
			3000	2500	2000	1500	20	40	60	80		
0.0	17	SAND (SP) - gravelly, gap graded									SP	0.0
		CLAY										
		END OF GRAVITY CORE										
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.3 m	COMPLETE 83/07/23
LOGGED BY JPR KWI MAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC18		BOREHOLE No. ISGC18	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.75m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.75 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	AD50 (mm) A				FINES (%)				USC	DEPTH (ft)
			3000	2500	2000	1500	20	40	60	80		
0.0		SAND - assumed principal component, no sample recovery, sand on sample tube										0.0
		END OF GRAVITY CORE										
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.0 m	COMPLETE 83/07/23
LOGGED BY JPR KWI MAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC19		BOREHOLE No. ISGC19	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 10.82m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION - 10.82 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 250 (mm) A			FINES (%)			USC	DEPTH (m)
				3000	1500	750	20	40	60		
0.0			SAND AND CLAY - assumed principal components, no sample recovery sand and clay on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
		LOGGED BY JFR KIM MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC20		BOREHOLE No. ISGC20	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 10.06m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION - 10.06 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 250 (mm) A			FINES (%)			USC	DEPTH (m)
				3000	1500	750	20	40	60		
0.0			GRAVEL - assumed primary component, poor sample recovery, one rock chip 25 mm diameter, sample tube bent								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
		LOGGED BY JFR KIM MAY	DWG NO. Page 1 of 1

ISSAGAK BORROW SITE			ORIGINAL BOREHOLE NO. GC21			BOREHOLE No. ISGC21										
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 9.76m			Project No: EBA # 101-3868										
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEABED			ELEVATION -9.76 (m)										
SAMPLE TYPE			☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE													
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION				A. 0.00 (m) A. 1.00 (m) A. 2.00 (m) A. 3.00 (m) A. 4.00 (m) PLASTIC M.C. LIQUID 20 40 60 80				20 40 60 80 20 40 60 80 20 40 60 80 20 40 60 80				USC	DEPTH (m)
0.0			GRAVEL - assumed principal component, no sample recovery										0.0			
			END OF GRAVITY CORE													
													1.0			
													2.0			
													3.0			
1.0																

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH ** m

LOGGED BY JPR KKW MAY

COMPLETE 03/07/23

DWG NO.

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC22	BOREHOLE No. ISGC22
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.75m	Project Nos EBA / 101-3B68
DRIILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED	ELEVATION -9.75 (m)
SAMPLE TYPE	☐ SHOULBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED	PISTON ☐	
DEPTH (m) SAMPLE ID SOIL DESCRIPTION	A 2000 (mm) A 4000 (mm) A 6000 (mm)	IF FINES (% W) SAND (%) CLAY (%)	USC GRAVEL (%) FINE SAND (%) FINE CLAY (%)
0.0	PLASTIC INDEX LIQUID LIMIT	20 40 60 80	20 40 60 80
	CLAY AND GRAVEL - maximum size 20 mm		
	END OF GRIVITY CORE		
1.0			
2.0			
3.0			

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC23		BOREHOLE No. ISGC23	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.45m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.45 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A D50 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	425	850	2000	20	40	60	80		
0.0			SAND - assumed principal components, poor sample recovery, sand on outside of sample tube										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m		COMPLETE 03/07/23	
		LOGGED BY JFR KWI MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC24		BOREHOLE No. ISGC24	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.30m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.30 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A D50 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	425	850	2000	20	40	60	80		
0.0			GRAVEL - assumed principal components, no sample recovery, sample tube bent										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m		COMPLETE 03/07/23	
		LOGGED BY JFR KWI MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC25		BOREHOLE No. ISGC25	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.84m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.84 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A			FINES (%)			USC	DEPTH (m)
				1000	4500	8500	20	40	60		
0.0			GRAVEL - one rock 50mm in size								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC28		BOREHOLE No. ISGC26	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.38m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.38 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A			FINES (%)			USC	DEPTH (m)
				1000	4500	8500	20	40	60		
0.0			GRAVEL - 40 mm maximum size								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC27		BOREHOLE No. ISGC27	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 0.08m		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -0.08 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION	A 100 (mm) A			FINES (C) %			USC	DEPTH (m)
			PLASTIC	MC	LIQUID	20	40	60		
0.0		GRAVEL - assumed principal component, no sample recovery								0.0
		END OF GRAVITY CORE								
										-1.0
										-2.0
										-3.0
1.0										

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/23
LOGGED BY JFR KML MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC28		BOREHOLE No. ISGC28	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.38m		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -0.38 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION	A 100 (mm) A			FINES (C) %			USC	DEPTH (m)
			PLASTIC	MC	LIQUID	20	40	60		
0.0		GRAVEL - assumed principal component, no sample recovery, sample tube bent								0.0
		END OF GRAVITY CORE								
										-1.0
										-2.0
										-3.0
1.0										

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/23
LOGGED BY JFR KML MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC29		BOREHOLE No. SGC29	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.69m (approximately)		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.99 (m)	
SAMPLE TYPE ☐ SHELBLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	4500	8500	8500	20	40	60	80		
0.0			SAND - assumed principal component no sample recovery, trace sand on sample tube										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/23
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC30		BOREHOLE No. SGC30	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.99m		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.99 (m)	
SAMPLE TYPE ☐ SHELBLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	4500	8500	8500	20	40	60	80		
0.0			GRAVEL - assumed principal component, no sample recovery, sample tube bent										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/23
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC31		BOREHOLE No. SGC31									
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.30m		Project Mcc EBA # 101-3688									
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.30 (m)									
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON ☐ GRAVITY CORE													
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A 3000 4500 6000 8000				FINES (%) W 20 40 60 80				USC	DEPTH (ft)
				PLASTIC		LIQUID		SAND (%)		GRAVEL (%)			
0.0			GRAVEL - assumed principal component, no sample recovery, sample tube bent										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. QC32		BOREHOLE No. KSGC32		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.30m		Project No: EBA / 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.30 (m)		
SAMPLE TYPE	☐ SHELBY TUBE	☒ NO RECOVERY	☒ SPILT SPOON	☐ DISTURBED	☐ PISTON	☐ GRAVITY CORE
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION		USC	
			Δ DSD (mm) Δ 5000 4500 4000 3500 PLASTIC MC LIQUID 70 40 10 50		# FINES (%) W 20 40 60 80 * SAND (%) * 20 40 60 80 * GRAVEL (%) * 20 40 60 80	
0.0			GRAVEL - assumed principal component, as sample recovery, sample tube bent			0.0
			END OF GRAVITY CORE			
1.0						1.0
						-2.0
						-3.0

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH •• m

COMPLETE 83/07/23

LOGGED BY JPR KNU MAY

DWG NO.

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC33		BOREHOLE No. SGC33	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.45m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.45 (m)	
SAMPLE TYPE ☐ SHELLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 0.59 (mm) A			FINES (0.075 mm)			USC	DEPTH (m)
				2000	4000	8000	20	40	80		
0.0			GRAVEL AND SAND - assumed principal components, no sample recovery sample tube bent, sand on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
LOGGED BY JFR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC34		BOREHOLE No. SGC34	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.75m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.75 (m)	
SAMPLE TYPE ☐ SHELLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 0.59 (mm) A			FINES (0.075 mm)			USC	DEPTH (m)
				2000	4000	8000	20	40	80		
0.0			GRAVEL AND CLAY - 40 mm size								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
LOGGED BY JFR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC39		BOREHOLE No. ISGC39	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.45m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.45 (m)	
SAMPLE TYPE		☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPURF SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE			

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 050 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4500	8500	20	40	60		
0.0			CLAY - assumed principal component, no sample recovery, clay on outside of sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 03/07/23
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC40		BOREHOLE No. ISGC40	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.45m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.45 (m)	
SAMPLE TYPE		☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPURF SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE			

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 050 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4500	8500	20	40	60		
0.0			SAND - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 03/07/23
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC41		BOREHOLE No. ISGC41			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.14 (m)			
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ OBTURBATED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 250 (mm) A 2500 5000 10000 20000 PLASTIC M.C. LIQUID 20 40 60 80	25 50 75 100 20 40 60 80 20 40 60 80	USC	DEPTH (ft)
0.0			SAND - assumed principal component, no sample recovery				0.0
			END OF GRAVITY CORE				
							1.0
							2.0
							3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH •• m		COMPLETE 83/07/23	
				LOGGED BY JPR KNI MAV		DWG NO.	
						Page 1 of 1	

[illegible]

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC43		BOREHOLE No. SGC43			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.62m		Project No: EBA # 101-3668			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.62 (m)			
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 500 (mm) A 2000 4000 6000 8000 PLASTIC L.C. LIQUID 20 40 60 80	W. FINE (20) # 20 40 60 80 # SAND (20) # 20 40 60 80 # GRAVEL (20) # 20 40 60 80	USC	DEPTH (m)
0.0			GRAVEL - assumed principal component, no sample recovery				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 03/07/23		
			LOGGED BY JPR KNU MAY		DWC NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC44		BOREHOLE No. SGC44			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.08m		Project No: EBA # 101-3668			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.08 (m)			
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 500 (mm) A 2000 4000 6000 8000 PLASTIC L.C. LIQUID 20 40 60 80	W. FINE (20) # 20 40 60 80 # SAND (20) # 20 40 60 80 # GRAVEL (20) # 20 40 60 80	USC	DEPTH (m)
0.0			GRAVEL - assumed principal component, no sample recovery, sample tube bent				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 03/07/23		
			LOGGED BY JPR KNU MAY		DWC NO. Page 1 of 1		

[illegible][illegible]

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC47		BOREHOLE No. SGC47	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.38m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.38 (m)	
SAMPLE TYPE ☐ SHOULDER TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.D.S.P. (mm) A				FINES (%)				USC	DEPTH (m)
				2000	425	60	20	20	40	60	80		
0.0			GRAVEL - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
LOGGED BY JFR KJM MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC48		BOREHOLE No. SGC48	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.14 (m)	
SAMPLE TYPE ☐ SHOULDER TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.D.S.P. (mm) A				FINES (%)				USC	DEPTH (m)
				2000	425	60	20	20	40	60	80		
0.0			GRAVEL - assumed principal component, no sample recovery, sample tube bent										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
LOGGED BY JFR KJM MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC49		BOREHOLE No. ISGC49	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.45m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.46 (m)	
SAMPLE TYPE		☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE			

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A				FINES (75 μm)				USC	DEPTH (m)
				2000	1000	500	250	20	10	5	2		
0.0			GRAVEL - assumed principal component, no sample recovery, sample tube bent										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC50		BOREHOLE No. ISGC50	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.60m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.60 (m)	
SAMPLE TYPE		☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE			

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A				FINES (75 μm)				USC	DEPTH (m)
				2000	1000	500	250	20	10	5	2		
0.0			SAND - assumed principal component, no sample recovery, sand on sample tube										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE						ORIGINAL BOREHOLE NO. GC51						BOREHOLE No. [SGC5]									
ESSO RESOURCES CANADA LTD.						WATER DEPTH - 9.80m (approximately)						Project No: EBA # 101-3B68									
DRILL SHIP - M.V. FRANK BRODERICK						DEPTHS ARE REFERENCED TO SEABED						ELEVATION - 9.80 (m)									
SAMPLE TYPE						☒ SHOULDER TUBE ☒ NO RECOVERY ☒ SPUT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE															
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A							FINES (%)							USC	DEPTH (ft)		
				PLASTIC	N.C.	L.IQUID	2000	4000	6000	8000	20	40	60	80	SAND (%)	FINE SAND (%)	CLAY (%)				
0.0		51	SAND (SP) - trace gravel, silt and clay, gap graded	.	A.																0.0
			CLAY																		
			END OF GRAVITY CORE																		-3.0
1.0																					-1.0
																					-2.0
																					-3.0

EBA Engineering Consultants Ltd.
Calgary, Alberta
COMPLETION DEPTH 0.3 m
COMPLETE 03/07/23

LOGGED BY JPR KNU MAY
DWG NO.
Page 1 of 1

KESIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC52	BOREHOLE No. ISGC52					
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.75m	Project Nos EBA # 101-386B					
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED	ELEVATION -9.75 (m)					
SAMPLE TYPE ☐ SHELBLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE								
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 950 (mm) A #600 L.SS R.SS #330	# PLASTIC N.C LIQUID	# FINES (%) W # SAND (#) # GRAVEL (%) #	USC	DEPTH (ft)
0.0			SAND					0.0
			CLAY					-1.0
			END OF GRAVITY CORE					-2.0
								-3.0
1.0								

**EBA Engineering Consultants Ltd.
Calgary, Alberta**

COMPLETION DEPTH 0.4 m COMPLETE 83/07/23
LOGGED BY JPR KMW MAY DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC53		BOREHOLE No. ISGC53		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.75m (approximately)		Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.75 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION	A 500 (mm) A 500 1000 1500 2000 PLASTIC L.C. LIQUID 20 40 60 80	20 40 60 80 20 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (m)
0.0	53	SAND (SP) - trace gravel, silt and clay, gap graded			SP	0.0
		CLAY				
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.8						
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.2 m		COMPLETE 83/07/23		
		LOGGED BY JPR KNU MAY		DWC NO.		
				Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC54		BOREHOLE No. ISGC54		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.80m (approximately)		Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.80 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION	A 500 (mm) A 500 1000 1500 2000 PLASTIC L.C. LIQUID 20 40 60 80	20 40 60 80 20 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (m)
0.0		SAND				0.0
		CLAY				
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.8						
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.4 m		COMPLETE 83/07/23		
		LOGGED BY JPR KNU MAY		DWC NO.		
				Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC55		BOREHOLE No. ISGC55	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.90m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.90 (m)	
SAMPLE TYPE		SHOULDER TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE ☐			

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A				FINES (0.075 mm)				USC	DEPTH (m)
				3000	1500	750	300	20	40	60	80		
0.0			SAND CLAY										0.0
			END OF GRAVITY CORE										-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.3 m		COMPLETE 83/07/23	
		LOGGED BY JPR KNU MAV		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC56		BOREHOLE No. ISGC56	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 10.00m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -10.00 (m)	
SAMPLE TYPE		SHOULDER TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE ☐			

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A				FINES (0.075 mm)				USC	DEPTH (m)
				3000	1500	750	300	20	40	60	80		
0.0			SAND CLAY										0.0
			END OF GRAVITY CORE										-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.3 m		COMPLETE 83/07/23	
		LOGGED BY JPR KNU MAV		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC57		BOREHOLE No. ISGC57			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 10.00m (approximately)		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -10.00 (m)			
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 200 (mm) A 2000 4550 6550 8050 PLASTIC M.C. LIQUID 20 40 60 80	20 FINES (%) 20 40 60 80 20 SAND (%) 20 40 60 80 20 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0			CLAY AND SAND - assumed principal components, no sample recovery, clay and sand on tube				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m	COMPLETE 03/07/23			
			LOGGED BY JFR KKI MAY	DWG NO.	Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC58		BOREHOLE No. ISGC58			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.1m (approximately)		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.10 (m)			
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 200 (mm) A 2000 4550 6550 8050 PLASTIC M.C. LIQUID 20 40 60 80	20 FINES (%) 20 40 60 80 20 SAND (%) 20 40 60 80 20 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0			GRAVEL - maximum size of 20 mm, about one dozen pebbles				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m	COMPLETE 03/07/23			
			LOGGED BY JFR KKI MAY	DWG NO.	Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC59		BOREHOLE No. ISGC59		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.8m (approximately)		Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.80 (m)		
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A 2000 4.75 6.35 20.0 PLASTIC M.C. LIQUID 20 40 60 80 20 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (m)
0.0			GRAVEL - maximum size of 20 mm, well rounded			0.0
			END OF GRAVITY CORE			
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 83/07/23		
			LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC60		BOREHOLE No. ISGC60		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.5m (approximately)		Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.50 (m)		
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A 2000 4.75 6.35 20.0 PLASTIC M.C. LIQUID 20 40 60 80 20 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (m)
0.0			GRAVEL - maximum size of 15 mm			0.0
			END OF GRAVITY CORE			
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 83/07/23		
			LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC61		BOREHOLE No. SGC61	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.1m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 500 (mm) A			FINE (mm)			USC	DEPTH (m)
				3000	4000	5000	20	40	60		
0.0			SAND - assumed principal component, poor sample recovery, sand on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC62		BOREHOLE No. ISGC62	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.8m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.80 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 500 (mm) A			FINE (mm)			USC	DEPTH (m)
				3000	4000	5000	20	40	60		
0.0			GRAVEL - one particle, 30 mm size								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/23
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIKAK BORROW SITE		ORIGINAL BOREHOLE NO. GC63		BOREHOLE No. SGC63	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.4m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.40 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 100 (mm) A				W FINES (%)				USC	DEPTH (m)
				2000	4500	8500	2000	20	40	60	80		
0.0			SAND AND GRAVEL										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JPR KKI MAY		DWG NO.	Page 1 of 1

ISSIKAK BORROW SITE		ORIGINAL BOREHOLE NO. GC64		BOREHOLE No. SGC64	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.7m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.70 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 100 (mm) A				W FINES (%)				USC	DEPTH (m)
				2000	4500	8500	2000	20	40	60	80		
0.0			GRAVEL - sandy, medium to coarse grained										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JPR KKI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC65		BOREHOLE No. SGC65	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.0m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.00 (m)	
SAMPLE TYPE ☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 100 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4500	8000	20	40	60		
0.0			GRAVEL - maximum size 10 mm								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.8											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH *** m	COMPLETE 83/07/24
LOGGED BY JFR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC68		BOREHOLE No. SGC66	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.4m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.40 (m)	
SAMPLE TYPE ☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 100 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4500	8000	20	40	60		
0.0			GRAVEL - sandy, coarse grained, poor sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.8											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH *** m	COMPLETE 83/07/24
LOGGED BY JFR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC67		BOREHOLE No. ISGC67	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.3m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 9.30 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION		USC
			ASTM (mm) A 2000 8500 8500 8500 PLASTIC M.C. LIQUID 20 40 60 80 FINES (%) 20 40 60 80 20 40 60 80 20 40 60 80		DEPTH (m)
0.0			GRAVEL - 20 mm maximum size, sub rounded, poor sample recovery		0.0
			END OF GRAVITY CORE		
1.0					1.0
2.0					2.0
3.0					3.0
4.0					4.0
5.0					5.0
6.0					6.0
7.0					7.0
8.0					8.0
9.0					9.0
10.0					10.0
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m		COMPLETE 83/07/24
			LOGGED BY JPR KNU MAY		DWG NO.
					Page 1 of 1

ISSKAK BORROW SITE			ORIGINAL BOREHOLE NO. GC68	BOREHOLE No. ISGC68		
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 9.5m (approximately)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEALED		ELEVATION -9.50 (m)	
SAMPLE TYPE	☐ Shelby Tube	☒ NO RECOVERY	☒ SPLIT SPOON	☐ DISTURBED	☐ PISTON	☐ GRAVITY CORE
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION		USC	
0.0			GRAVEL AND SAND - medium to coarse grained, poor sample recovery			
			END OF GRAVITY CORE			
1.0						

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC69		BOREHOLE No. ISGC69			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.5m (approximately)		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.50 (m)			
SAMPLE TYPE ☐ SHELBLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A 3000 4500 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0			SAND - fine to medium grained, poor sample recovery				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m		COMPLETE 03/07/24		
			LOGGED BY JFR KNU MAY		DWG NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC70		BOREHOLE No. ISGC70			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.6m (approximately)		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.60 (m)			
SAMPLE TYPE ☐ SHELBLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A 3000 4500 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0			SAND - gravelly, some silt and clay, poor sample recovery				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m		COMPLETE 03/07/24		
			LOGGED BY JFR KNU MAY		DWG NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC71		BOREHOLE No.	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.6m (approximately)		Project Nor EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEAGED		ELEVATION -9.60 (m)	
SAMPLE TYPE	☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE				
DEPTH (M) SAMPLE TYPE SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A 3000 4000 5000 6000	M.FINES (%) ☐	USC	DEPTH (#)
		PLASTIC M.C LIQUID	SAND (%) GRAVEL (%)		
		30 40 50 60	20 30 40 50 60		
0.0	CLAY				0.0
	END OF GRAVITY CORE				-1.0
					-2.0
					-3.0
1.0					

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH •• m COMPLETE 83/07/24
 LOGGED BY JFR KNU MAY DMC NO. Page 1 of 1

[illegible]

ISSIKAK BORROW SITE		ORIGINAL BOREHOLE NO. GC73		BOREHOLE No. SGC73	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.7m (approximately)		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.70 (m)	
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			W FINES (%) W			USC	DEPTH (m)
				2000	4000	8000	20	40	80		
0.0			SAND AND GRAVEL - maximum size 25 mm, poor sample recovery								0.0
			CLAY								
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/24	
		LOGGED BY JFR KNU MAY		DWC NO. Page 1 of 1	

ISSIKAK BORROW SITE		ORIGINAL BOREHOLE NO. GC74		BOREHOLE No. SGC74	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.8m (approximately)		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.80 (m)	
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			W FINES (%) W			USC	DEPTH (m)
				2000	4000	8000	20	40	80		
0.0			SAND AND GRAVEL - coarse to medium grained, 10 mm maximum size, poor sample recovery								0.0
			CLAY								
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/24	
		LOGGED BY JFR KNU MAY		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. G675		BOREHOLE No. ISGC75	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.8m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.80 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A			FINES (%)			USC	DEPTH (m)
				3000	4500	6000	20	40	60		
0.0			SAND AND GRAVEL - 10 mm maximum size, poor sample recovery								0.0
			CLAY								
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. G678		BOREHOLE No. ISGC76	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.9m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.90 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A			FINES (%)			USC	DEPTH (m)
				3000	4500	6000	20	40	60		
0.0			SAND AND GRAVEL - poor sample recovery								0.0
			CLAY								
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC77		BOREHOLE No. ISGC77	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.9m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.90 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D 50 (mm) A				FINE (20)				USC	DEPTH (m)
				2000	4500	6500	8500	20	40	60	80		
0.0			SAND - some gravel, medium to coarse, poor sample recovery										0.0
			CLAY										
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 05/07/24
LOGGED BY JFR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC78		BOREHOLE No. ISGC78	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.7m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.70 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D 50 (mm) A				FINE (20)				USC	DEPTH (m)
				2000	4500	6500	8500	20	40	60	80		
0.0			GRAVEL - sandy, coarse grained, poor sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 05/07/24
LOGGED BY JFR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC83		BOREHOLE No. SGC83	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.0m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	8000	20	40	80		
0.0		83	GRAVEL (GW) - sandy, medium to coarse grained, well graded								0.0
			END OF GRAVITY CORE								
1.0											1.0
2.0											2.0
3.0											3.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/24	
LOGGED BY JFR KNU MAY		DWC NO.		Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC84		BOREHOLE No. SGC84	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.3m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.30 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	8000	20	40	80		
0.0			GRAVEL - sandy, medium to coarse grained								0.0
			END OF GRAVITY CORE								
1.0											1.0
2.0											2.0
3.0											3.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/24	
LOGGED BY JFR KNU MAY		DWC NO.		Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC85		BOREHOLE No. SGC85	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.9m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.90 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			SAND AND GRAVEL - 20mm maximum size		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 83/07/24	
			LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC86		BOREHOLE No. SGC86	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.3m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.30 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			SAND - gravelly		0.0
			CLAY - organics, black		
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 83/07/24	
			LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC89		BOREHOLE No. SGC89	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.1m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPUR SPOON ☐ UNBURIED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4300	8500	20	40	60		
0.0			GRAVEL - some coarse sand, fine to medium grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/24
LOGGED BY JFR KKW MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC90		BOREHOLE No. SGC90	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.0m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.00 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPUR SPOON ☐ UNBURIED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4300	8500	20	40	60		
0.0			GRAVEL - some coarse sand, fine to medium grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/24
LOGGED BY JFR KKW MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC91		BOREHOLE No. ISGC91	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.0m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.00 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (ft)
				2000	4300	8500	20	40	60		
0.0			SAND - assumed principal component, no sample recovery, trace of sand on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JFR KMW MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC92		BOREHOLE No. ISGC92	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.2m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.20 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (ft)
				2000	4300	8500	20	40	60		
0.0			GRAVEL - 20mm maximum size, poor sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JFR KMW MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC93		BOREHOLE No. SGC93	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.2m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.20 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.O.D. (mm)				FINES (%)				USC	DEPTH (m)
				2000	1500	1000	500	20	40	60	80		
0.0			SAND - assumed principal component, no sample recovery, trace sand on sample tube										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC94		BOREHOLE No. SGC94	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.3m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.30 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.O.D. (mm)				FINES (%)				USC	DEPTH (m)
				2000	1500	1000	500	20	40	60	80		
0.0			SAND - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC95		BOREHOLE No. ISGC95	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.3m (approximately)		Project No: EBA # 101-3888	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.30 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			W/FINES (%)			USC	DEPTH (m)
				3000	4500	6000	20	40	60		
0.0			SAND - assumed principal component, no sample recovery, sand on outside of sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
		LOGGED BY JPR KWI MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC96		BOREHOLE No. ISGC96	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.3m (approximately)		Project No: EBA # 101-3888	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.30 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			W/FINES (%)			USC	DEPTH (m)
				3000	4500	6000	20	40	60		
0.0			SAND - assumed principal component, no sample recovery, sand on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
		LOGGED BY JPR KWI MAY	DWG NO. Page 1 of 1

ISSIAK BORROW SITE		ORIGINAL BOREHOLE NO. GC97		BOREHOLE No. ISGC97	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.84m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.84 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (H)
				2000	4000	8000	20	40	80		
0.0			GRAVEL - medium grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIAK BORROW SITE		ORIGINAL BOREHOLE NO. GC98		BOREHOLE No. ISGC98	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.30 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (H)
				2000	4000	8000	20	40	80		
0.0			SAND - coarse grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC99		BOREHOLE No. ISGC99	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.30 (m)	
SAMPLE TYPE ☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A DSD (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	8000	20	40	80		
0.0			SAND AND GRAVEL - sand is coarse grained, gravel is fine grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC100		BOREHOLE No. ISGC100	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.30 (m)	
SAMPLE TYPE ☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A DSD (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	8000	20	40	80		
0.0			SAND - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE			ORIGINAL BOREHOLE NO. GC101			BOREHOLE No. SGC101							
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 8.50m (approximately)			Project Mac EBA # 101-3968							
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEABED			ELEVATION -8.50 (m)							
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPUR SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE													
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	ASTM (mm) A 2000 750 600 400				FINES (%)				USC	DEPTH (m)
				PLASTIC	L.C.	LIQUID		20	40	60	80		
0.0			SAND - coarse grained										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0
1.0													

ISSIKAK BORROW SITE		ORIGINAL BOREHOLE No. GC102		BOREHOLE No. SGC102	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.70 (m)	
SAMPLE TYPE		☐ SHIELD BY TUBE ☒ NO RECOVERY ☒ SPIG SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE			
DEPTH (m)	SAMPLE TYPE	SOIL DESCRIPTION		USC	
SAMPLE NO					
0.0		GRAVEL AND SAND - fine grained gravel, coarse grained sand			
		END OF GRAVITY CORE			
1.0					

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC103		BOREHOLE No. ISGC103	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.80m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.80 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	1500	800	20	40	60		
0.0			GRAVEL AND SAND - trace clay, fine to coarse gravel, medium grained sand								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.8											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JFR KKW MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC104		BOREHOLE No. ISGC104	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.90m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.90 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	1500	800	20	40	60		
0.0			SAND AND GRAVEL - coarse grained sand and fine grained gravel								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.8											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JFR KKW MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC105		BOREHOLE No. ISGC105	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.40m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.40 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	8000	20	40	60		
0.0			GRAVEL AND SAND - trace clay, medium to coarse grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/24
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC106		BOREHOLE No. ISGC106	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.80m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.80 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	8000	20	40	60		
0.0			GRAVEL - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/25
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC107		BOREHOLE No. ISGC107	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.70m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.70 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	6000	20	40	60		
0.0			GRAVEL - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/25	
		LOGGED BY JFR KNU MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC108		BOREHOLE No. ISGC108	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.60m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.60 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	6000	20	40	60		
0.0			GRAVEL - trace coarse sand, poor sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/25	
		LOGGED BY JFR KNU MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC109		BOREHOLE No. ISGC109	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.60m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 7.60 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION		USC	
0.0		GRAVEL - 200mm maximum size, poor sample recovery			
		END OF GRAVITY CORE			
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/25	LOGGED BY JPR KWI MAY DWG NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC110		BOREHOLE No. ISGC110	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.60m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 7.60 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION		USC	
0.0		GRAVEL - poor sample recovery			
		END OF GRAVITY CORE			
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/25	LOGGED BY JPR KWI MAY DWG NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC111		BOREHOLE No. ISGC111	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.70m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEAED		ELEVATION -7.70 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S. (mm) A			FINES (%)			USC	DEPTH (ft)
				2000	425	600	20	40	60		
0.0			GRAVEL - some sand, 50mm maximum size, poor sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/25
		LOGGED BY JPR KNU MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC112		BOREHOLE No. ISGC112	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.80m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEAED		ELEVATION -7.80 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S. (mm) A			FINES (%)			USC	DEPTH (ft)
				2000	425	600	20	40	60		
0.0			GRAVEL - 20mm maximum size, poor sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/25
		LOGGED BY JPR KNU MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC113		BOREHOLE No. ISGC113			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No. EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.30 (m)			
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D. 50 (mm) A 2000 4000 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0			GRAVEL - assumed principal component, no sample recovery				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 83/07/25			
			LOGGED BY JPR KWI MAY	DWC NO. Page 1 of 1			

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC114		BOREHOLE No. ISGC114			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No. EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.70 (m)			
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D. 50 (mm) A 2000 4000 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0			GRAVEL - assumed principal component, no sample recovery				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 83/07/25			
			LOGGED BY JPR KWI MAY	DWC NO. Page 1 of 1			

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC115		BOREHOLE No. ISGC115		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.80m (approximately)		Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.80 (m)		
SAMPLE TYPE ☐ SHEDBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	Δ DSD (mm) Δ 3000 4500 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	MINES (20) W 20 40 60 80 SAND (20) W 20 40 60 80 GRAVEL (20) W 20 40 60 80	USC	DEPTH (m)
0.0			GRAVEL - assumed principal component, no sample recovery			
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 03/07/25		
		LOGGED BY JFR KKI MAY		DWC NO.		
				Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC116		BOREHOLE No. ISGC116		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.70 (m)		
SAMPLE TYPE ☐ SHEDBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	Δ DSD (mm) Δ 3000 4500 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	MINES (20) W 20 40 60 80 SAND (20) W 20 40 60 80 GRAVEL (20) W 20 40 60 80	USC	DEPTH (m)
0.0			GRAVEL - assumed principal component, no sample recovery			
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 03/07/25		
		LOGGED BY JFR KKI MAY		DWC NO.		
				Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC117		BOREHOLE No. ISGC117			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.70 (m)			
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A D50 (mm) A 3000 4500 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0			SAND - silty, some gravel				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.8							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 83/07/25		
			LOGGED BY JPR KMW MAY		DWC NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC118		BOREHOLE No. ISGC118			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.90m (approximately)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.90 (m)			
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A D50 (mm) A 3000 4500 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0			SAND - silty, assumed principal component no sample recovery, some material on side of sample tube				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 83/07/25		
			LOGGED BY JPR KMW MAY		DWC NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC119		BOREHOLE No. SGC119	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.20m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.20 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A				W FINES (%)				USC	DEPTH (m)
				2000	4500	6500	8000	20	40	60	80		
0.0			GRAVEL AND SAND - some silt, assumed principal components, no sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH -- m	COMPLETE 83/07/25
LOGGED BY JFR KKW MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC120		BOREHOLE No. SGC120	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.00m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.00 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A				W FINES (%)				USC	DEPTH (m)
				2000	4500	6500	8000	20	40	60	80		
0.0			CLAY - trace silt, sand and gravel										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH -- m	COMPLETE 83/07/25
LOGGED BY JFR KKW MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC121		BOREHOLE No. ISGC121			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project Nos EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)			
SAMPLE TYPE	☐ SHELBY TUBE	☒ NO RECOVERY	☒ SPLIT SPOON	☐ DISTURBED	☐ PISTON		
					☐ GRAVITY CORE		
DEPTH (M)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 100 (wet) A A500 A500 A500 A500	PLASTIC L.C LIQUID	USC	DEPTH (ft)
0.0			SAND - silty, trace clay and gravel, poor sample recovery				0.0
			END OF GRAVITY CORE				
1.0							1.0
2.0							2.0
3.0							3.0
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH •• m		COMPLETE 83/07/25	
				LOGGED BY JPR KNU MAV		DWG NO.	
						Page 1 of 1	

[illegible]

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC123		BOREHOLE No. ISGC123	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.50 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S.D. (mm) A			W. FINES (%) W			USC	DEPTH (m)
				2000	425	850	20	40	60		
0.0			CLAY - silty, some sand								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 8/3/07/25
LOGGED BY JFR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC124		BOREHOLE No. ISGC124	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.30 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S.D. (mm) A			W. FINES (%) W			USC	DEPTH (m)
				2000	425	850	20	40	60		
0.0			SAND - fine, assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 8/3/07/25
LOGGED BY JFR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC125		BOREHOLE No. ISGC125	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.50 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 0.075 (mm) A				FINES (%)				USC	DEPTH (ft)
				2000	4000	6000	8000	20	40	60	80		
0.0			SAND - gravelly, fine grained										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/25
LOGGED BY JFR KKW MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC126		BOREHOLE No. ISGC126	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.70 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 0.075 (mm) A				FINES (%)				USC	DEPTH (ft)
				2000	4000	6000	8000	20	40	60	80		
0.0			SAND - some gravel, fine to medium grained, poor sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/25
LOGGED BY JFR KKW MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC127		BOREHOLE No. ISGC127	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.80m (approximately)		Project No: EBA # 101-3888	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.80 (m)	
SAMPLE TYPE ☒ SHOTBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 250 (mm) A				FINES (%)				USC	DEPTH (m)
			1000	400	200	100	20	40	60	80		
0.0		SAND - fine to medium grained, poor sample recovery										0.0
		END OF GRAVITY CORE										
												-1.0
												-2.0
												-3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/25
LOGGED BY JPR KNI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC128		BOREHOLE No. ISGC128	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA # 101-3888	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.70 (m)	
SAMPLE TYPE ☒ SHOTBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 250 (mm) A				FINES (%)				USC	DEPTH (m)
			1000	400	200	100	20	40	60	80		
0.0		GRAVEL - sandy, 30mm maximum size, sand is medium to coarse grained										0.0
		END OF GRAVITY CORE										
												-1.0
												-2.0
												-3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/25
LOGGED BY JPR KNI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC129		BOREHOLE No. ISGC129	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.30 (m)	
SAMPLE TYPE ☒ SHELBLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	425	850	20	40	60		
0.0			GRAVEL AND SAND - sand is coarse								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/25
		LOGGED BY JPR KNU MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC130		BOREHOLE No. ISGC130	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.00m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.00 (m)	
SAMPLE TYPE ☒ SHELBLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	425	850	20	40	60		
0.0			GRAVEL AND SAND - sand is medium to coarse grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/25
		LOGGED BY JPR KNU MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC131		BOREHOLE No. SGC131	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.20m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.20 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4500	8500	20	40	60		
0.0			GRAVEL - some coarse grained sand								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/25
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC132		BOREHOLE No. SGC132	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.20m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.20 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4500	8500	20	40	60		
0.0			GRAVEL - some sand, 50mm size, sand is coarse								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/25
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC133		BOREHOLE No. ISGC133	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.40m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.40 (m)	
SAMPLE TYPE ☒ SHREIB TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A			W FINE (mm)			USC	DEPTH (m)
				2000	400	200	20	40	60		
0.0			GRAVEL - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/25	
		LOGGED BY JFR KXJ MAY		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC134		BOREHOLE No. ISGC134	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.20m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.20 (m)	
SAMPLE TYPE ☒ SHREIB TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A			W FINE (mm)			USC	DEPTH (m)
				2000	400	200	20	40	60		
0.0			GRAVEL - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/25	
		LOGGED BY JFR KXJ MAY		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC135		BOREHOLE No. SGC135	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.50 (m)	
SAMPLE TYPE		SHELBY TUBE		☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURBED ☐ PISTON ☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 200 (mm) A				FINES (CO) M				USC	DEPTH (m)
				2000 4500 6000 8000				20 40 60 80					
				PLASTIC M.C. LIQUID				SAND CO S&L GRAVEL CO S&L					
0.0			GRAVEL - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/25	
		LOGGED BY JPR KMW MAY		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC136		BOREHOLE No. SGC136	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)	
SAMPLE TYPE		SHELBY TUBE		☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURBED ☐ PISTON ☐ GRAVITY CORE	

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 200 (mm) A				FINES (CO) M				USC	DEPTH (m)
				2000 4500 6000 8000				20 40 60 80					
				PLASTIC M.C. LIQUID				SAND CO S&L GRAVEL CO S&L					
0.0			SAND - fine, assumed principal component, no sample recovery, sand on sample tube										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/25	
		LOGGED BY JPR KMW MAY		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC137		BOREHOLE No. ISGC137	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			SAND - assumed principal component, no sample recovery		0.0
			END OF GRAVITY CORE		
					1.0
					2.0
					3.0
1.0					

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/25
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC138		BOREHOLE No. ISGC138	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.70 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			SAND - fine to medium grained, assumed principal component, no sample recovery, sand on sample tube		0.0
			END OF GRAVITY CORE		
					1.0
					2.0
					3.0
1.0					

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/25
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC139		BOREHOLE No. ISGC139	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.70 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			SAND - medium to coarse grained, assumed principal component, no sample recovery, sand on side of sample tube END OF GRAVITY CORE		0.0
					1.0
					2.0
					3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m LOGGED BY JFR KNU MAV COMPLETE 83/07/25 DMC NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC140		BOREHOLE No. ISGC140	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			GRAVEL CLAY END OF GRAVITY CORE		0.0
					1.0
					2.0
					3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m LOGGED BY JFR KNU MAV COMPLETE 83/07/25 DMC NO. Page 1 of 1		

ISSAGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC143		BOREHOLE No. ISGC143			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No. EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.50 (m)			
SAMPLE TYPE		☐ SHELBY TUBE	☒ NO RECOVERY	☒ SPLIT SPOON	☐ DISTURBED		
				☐ PISTON	☐ GRAVITY CORE		
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A BSS (mm) A 2000 6300 F500 9500 PLASTIC MC LIQUID 	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (ft)
0.0			GRAVEL				0.0
			SILT - clayey, some sand, trace of gravel				
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.4							

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH •• m

COMPLETE 83/07/25

LOGGED BY JPR KNU MAY

DWG NO.

Page 1 of 1

ISSUING BORROW SITE		ORIGINAL BOREHOLE NO. GC144		BOREHOLE No. ISGC144	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.60 (m)	
SAMPLE TYPE		☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE			
DEPTH (m)	SAMPLE TYPE	SOIL DESCRIPTION		USC	
SAMPLE NO					
0.0		GRAVEL - some sand, 20mm maximum size, sand is coarse		0.0	
		END OF GRAVITY CORE			
1.0				1.0	
2.0				2.0	
3.0				3.0	

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH ** m

LOGGED BY JPR KNU MAY

COMPLETE 85/07/25

DWG NO.

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC145		BOREHOLE No. ISGC145	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEALED		ELEVATION - 8.60 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 250 (mm) A				FINES (%)				USC	DEPTH (m)
				2500	1500	750	300	20	40	60	80		
0.0			GRAVEL - sandy, sand is coarse grained, poor sample recovery										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 03/07/25
		LOGGED BY JPR KNU MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC146		BOREHOLE No. ISGC146	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEALED		ELEVATION - 8.70 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 250 (mm) A				FINES (%)				USC	DEPTH (m)
				2500	1500	750	300	20	40	60	80		
0.0			GRAVEL - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 03/07/25
		LOGGED BY JPR KNU MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC147		BOREHOLE No. ISGC147	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.70 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4250	8500	20	40	60		
0.0			GRAVEL - 20mm maximum size, poor sample recovery								0.0
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 85/07/25
LOGGED BY JFR KKW MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC148		BOREHOLE No. ISGC148	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.50 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4250	8500	20	40	60		
0.0			GRAVEL - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 85/07/25
LOGGED BY JFR KKW MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC149		BOREHOLE No. ISGC149	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEAED		ELEVATION -8.50 (m)	
SAMPLE TYPE		☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPUR SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE			
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION		USC	DEPTH (m)
0.0		SAND - silty, trace clay, fine grained, uniform grading			0.0
		END OF GRAVITY CORE			
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/25	
		LOGGED BY JFR KNU MAY		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC150		BOREHOLE No. ISGC150	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEAED		ELEVATION -8.50 (m)	
SAMPLE TYPE		☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPUR SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE			
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION		USC	DEPTH (m)
0.0		GRAVEL - 20mm maximum size			0.0
		END OF GRAVITY CORE			
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/25	
		LOGGED BY JFR KNU MAY		DWC NO. Page 1 of 1	

ISSAGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC151		BOREHOLE No. SGC151	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.50 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 0.00 (mm) A				W PIES (mm)				USC	DEPTH (m)
				3000	4500	6000	8000	30	40	50	60		
0.0			GRAVEL - trace sand, 40mm maximum size, sand is coarse										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/25
LOGGED BY JPR KNIJ MAY		DWG NO.	Page 1 of 1

ISSAGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC152		BOREHOLE No. SGC152	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.90m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.90 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 0.00 (mm) A				W PIES (mm)				USC	DEPTH (m)
				3000	4500	6000	8000	30	40	50	60		
0.0			GRAVEL - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/25
LOGGED BY JPR KNIJ MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC153		BOREHOLE No. ISGC153			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.00m (approximately)		Project No: EBA # 101-3888			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.00 (m)			
SAMPLE TYPE ☐ SHELLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.D. (mm) A 3000 4500 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	% FINES (%) # 20 40 60 80 % SAND (%) # 20 40 60 80 % GRAVEL (%) # 20 40 60 80	USC	DEPTH (ft)
0.0			GRAVEL - assumed principal component, no sample recovery				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 83/07/25			
			LOGGED BY JPR KWI MAV	DWC NO. Page 1 of 1			

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC154		BOREHOLE No. ISGC154			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.20m (approximately)		Project No: EBA # 101-3888			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.20 (m)			
SAMPLE TYPE ☐ SHELLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.D. (mm) A 3000 4500 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	% FINES (%) # 20 40 60 80 % SAND (%) # 20 40 60 80 % GRAVEL (%) # 20 40 60 80	USC	DEPTH (ft)
0.0			SAND - trace clay, fine to medium grained				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 83/07/25			
			LOGGED BY JPR KWI MAV	DWC NO. Page 1 of 1			

ISSAGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC155		BOREHOLE No. ISGC155	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.80m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.80 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A				PIES (%)				USC	DEPTH (m)
				3000	4500	6500	8500	20	40	60	80		
0.0		155	SAND (SP) - trace gravel, medium to coarse grained, gap graded										0.0
			- silty, trace clay										1.0
			CLAY - silty, trace sand										2.0
			END OF GRAVITY CORE										3.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/25
LOGGED BY JFR KMW MAY		DWG NO.	Page 1 of 1

ISSAGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC156		BOREHOLE No. ISGC156	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.40m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.40 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A				PIES (%)				USC	DEPTH (m)
				3000	4500	6500	8500	20	40	60	80		
0.0			GRAVEL - 25mm maximum size										0.0
			END OF GRAVITY CORE										1.0
													2.0
													3.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/25
LOGGED BY JFR KMW MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE			ORIGINAL BOREHOLE NO. GC157			BOREHOLE No. ISGC157				
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 8.00m (approximately)			Project No: EBA / 101-3888				
GRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEABED			ELEVATION -8.00 (m)				
SAMPLE TYPE			☐ SHIELD BY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION		4500 4500 4500 4500 PLASTIC M.C. LIQUID 70 40 60 80		20 40 60 80 SAND (20) 40 GRAVEL (20) 40		USC	DEPTH (ft)
0.0			GRAVEL - 20mm maximum size, poor sample recovery							0.0
			END OF GRAVITY CORE							
										-1.0
										-2.0
										-3.0
1.0										

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH •• m

COMPLETE 83/07/25

LOGGED BY JPR KWL MAY

DWG NO.

Page 1 of 1

ISSIGAK BORROW SITE			ORIGINAL BOREHOLE NO. GC158			BOREHOLE No. ISGC158					
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 7.70m (approximately)			Project Nos EBA # 101-3888					
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEABED			ELEVATION - 7.70 (m)					
SAMPLE TYPE	SHELBY TUBE	☒ NO RECOVERY	☒ SPLIT SPOON	☐ DISTURBED	☐ PISTON	☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION						USC	DEPTH (ft)	
			ASTM (mm) A 2000 425# 100# 60#				FINES (%) 20 40 60 80				
			PLASTIC M.C. LIQUID				SAND (%) 20 40 60 80				
							GRAVEL (%) 20 40 60 80				
0.0			GRAVEL - 25mm maximum size, poor sample recovery							0.0	
			END OF GRAVITY CORE								
										-1.0	
										-2.0	
										-3.0	
1.0											

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH •• m

COMPLETE 83/07/25

LOGGED BY JPR KWI MAV

DWG NO.

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC159		BOREHOLE No. ISGC159	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.80m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 7.80 (m)	
SAMPLE TYPE ☒ SHOULDER TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 150 (mm) A				PIES (mm)				USC	DEPTH (m)
				2000	4500	6500	8500	20	40	60	80		
0.0			GRAVEL - 20mm maximum size, poor sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ++ m		COMPLETE 83/07/25	
LOGGED BY JPR KNU MAY		DWC NO.		Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC160		BOREHOLE No. ISGC160	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.90m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 7.90 (m)	
SAMPLE TYPE ☒ SHOULDER TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 150 (mm) A				PIES (mm)				USC	DEPTH (m)
				2000	4500	6500	8500	20	40	60	80		
0.0			GRAVEL - some coarse grained sand, poor sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ++ m		COMPLETE 83/07/25	
LOGGED BY JPR KNU MAY		DWC NO.		Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC161		BOREHOLE No. SGC161	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.90m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.90 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A (DSD (mm) A			FINES (X) M			USC	DEPTH (m)
				3000	4200	6300	20	40	60		
0.0			GRAVEL - some coarse grained sand, poor sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/25
LOGGED BY JPR KMI MAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC162		BOREHOLE No. SGC162	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.90m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.90 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A (DSD (mm) A			FINES (X) M			USC	DEPTH (m)
				3000	4200	6300	20	40	60		
0.0			GRAVEL - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/25
LOGGED BY JPR KMI MAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC183		BOREHOLE No. ISGC163	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.00m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.00 (m)	
SAMPLE TYPE ☒ SHOTBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	2000 1500 1000 500 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 (m)
0.0			GRAVEL - some coarse grained sand				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.9							

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH -- m	COMPLETE 83/07/25
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC184		BOREHOLE No. ISGC164	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☒ SHOTBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	2000 1500 1000 500 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 (m)
0.0			GRAVEL - some medium to coarse grained sand				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.9							

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH -- m	COMPLETE 83/07/25
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC165		BOREHOLE No. ISGC165		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA # 101-3668		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.10 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A 3000 1500 800 400 PLASTIC M.C. LIQUID 20 40 60 80	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0		GRAVEL - some coarse grained sand				0.0
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 03/07/25	
			LOGGED BY JPR KNU MAY		DWG NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC166		BOREHOLE No. ISGC166		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.20m (approximately)		Project No: EBA # 101-3668		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.20 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A 3000 1500 800 400 PLASTIC M.C. LIQUID 20 40 60 80	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0		GRAVEL - some coarse grained sand				0.0
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 03/07/25	
			LOGGED BY JPR KNU MAY		DWG NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC167		BOREHOLE No. SGC167	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.20m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.20 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A DSD (mm) A				FINES (%)				USC	DEPTH (m)
				3000	4500	6000	8000	20	40	60	80		
0.0			GRAVEL - sandy, trace silt, sand is fine to coarse grained										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/25
LOGGED BY JPR KWI MW	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC168		BOREHOLE No. SGC168	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.30 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A DSD (mm) A				FINES (%)				USC	DEPTH (m)
				3000	4500	6000	8000	20	40	60	80		
0.0			GRAVEL - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/25
LOGGED BY JPR KWI MW	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC189		BOREHOLE No. ISGC169	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No. EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.30 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D59 (mm) A			FINES (%)			USC	DEPTH (m)
				1000	425	850	20	40	80		
0.0			GRAVEL - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/25
LOGGED BY JFR KMW MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC170		BOREHOLE No. ISGC170	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.40m (approximately)		Project No. EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.40 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D59 (mm) A			FINES (%)			USC	DEPTH (m)
				1000	425	850	20	40	80		
0.0			GRAVEL - sandy								0.0
			CLAY								
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/25
LOGGED BY JFR KMW MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC171		BOREHOLE No. SGC171	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.50 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPUR SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION		USC	DEPTH (m)
0.0		GRAVEL - some medium to coarse grained sand			0.0
		END OF GRAVITY CORE			
1.0					1.0
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/25	
		LOGGED BY JPR KNU MAV		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC172		BOREHOLE No. SGC172	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.90m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.90 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPUR SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION		USC	DEPTH (m)
0.0		GRAVEL - assumed principal component, no sample recovery			0.0
		END OF GRAVITY CORE			
1.0					1.0
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/25	
		LOGGED BY JPR KNU MAV		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC173		BOREHOLE No. ISGC173	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.00m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.00 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.O.D. (m) A			FINES (%)			USC	DEPTH (m)
				2000	4250	6000	20	40	60		
0.0			GRAVEL - some coarse grained sand								0.0
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/25
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC174		BOREHOLE No. ISGC174	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.80m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.80 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.O.D. (m) A			FINES (%)			USC	DEPTH (m)
				2000	4250	6000	20	40	60		
0.0			GRAVEL - sandy								0.0
			CLAY								
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/25
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC175		BOREHOLE No. ISGC175	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.D.S. (mm) A			FINES (%)			USC	DEPTH (m)
				2000	425	600	20	40	60		
0.0			GRAVEL - poor sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC176		BOREHOLE No. ISGC176	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.D.S. (mm) A			FINES (%)			USC	DEPTH (m)
				2000	425	600	20	40	60		
0.0			GRAVEL - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC177		BOREHOLE No. SGC177	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A DSD (mm) A			FINES (%)			USC	DEPTH (m)
				2000	425	75	20	40	60		
0.0			GRAVEL								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JFR KMW MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC178		BOREHOLE No. SGC178	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.50 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A DSD (mm) A			FINES (%)			USC	DEPTH (m)
				2000	425	75	20	40	60		
0.0			GRAVEL								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JFR KMW MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC179		BOREHOLE No. ISGC179			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.50 (m)			
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A D50 (mm) A 2000 4350 6350 8000 PLASTIC M.C. LIQUID 20 40 60 80	# FINES (%) # 20 40 60 80 # SAND (%) # 20 40 60 80 # GRAVEL (%) # 20 40 60 80	USC	DEPTH (m)
0.0			GRAVEL				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 03/07/27		
			LOGGED BY JPR KNU MAY		DWG NO.		
					Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC180		BOREHOLE No. ISGC180			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.30 (m)			
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A D50 (mm) A 2000 4350 6350 8000 PLASTIC M.C. LIQUID 20 40 60 80	# FINES (%) # 20 40 60 80 # SAND (%) # 20 40 60 80 # GRAVEL (%) # 20 40 60 80	USC	DEPTH (m)
0.0			GRAVEL				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 03/07/27		
			LOGGED BY JPR KNU MAY		DWG NO.		
					Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC181		BOREHOLE No. ISGC181	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.20m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.20 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A DEPTH (mm) A			W/YES (mm)			USC	DEPTH (m)
				3000	4500	6000	20	40	60		
0.0			GRAVEL								0.0
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC182		BOREHOLE No. ISGC182	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.00m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.00 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A DEPTH (mm) A			W/YES (mm)			USC	DEPTH (m)
				3000	4500	6000	20	40	60		
0.0			GRAVEL								0.0
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC183		BOREHOLE No. SGC183	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.80m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.00 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURGED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	6000	20	40	60		
0.0			GRAVEL AND SAND - sand is coarse grained							0.0	
			END OF GRAVITY CORE								
										-1.0	
										-2.0	
										-3.0	
1.8											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 03/07/27
LOGGED BY JFR KKW MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC184		BOREHOLE No. SGC184	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.90m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.90 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURGED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	6000	20	40	60		
0.0			GRAVEL							0.0	
			END OF GRAVITY CORE								
										-1.0	
										-2.0	
										-3.0	
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 03/07/27
LOGGED BY JFR KKW MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC185		BOREHOLE No. ISGC185	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.00m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.00 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 400 (mm) A				W PORES (%)				USC	DEPTH (m)
				3000	4500	6000	8000	20	40	60	80		
0.0			GRAVEL										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC186		BOREHOLE No. ISGC186	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 400 (mm) A				W PORES (%)				USC	DEPTH (m)
				3000	4500	6000	8000	20	40	60	80		
0.0			GRAVEL - some coarse grained sand										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC188		BOREHOLE No. ISGC188							
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.80m (approximately)		Project No: EBA # 101-3888							
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.80 (m)							
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLT SPOON ☐ DISCHARGES ☐ PISTON ☐ GRAVITY CORE											
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A 2000 4500 9000			FINES (%)			USC	DEPTH (m)
				PLASTIC	L.C.	LIQUID	20	40	60		
0.0			GRAVEL								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH ... m

COMPLETE 83/07/27

LOGGED BY JPR KIM MAY

DWG NO.

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC189		BOREHOLE No. SGC189	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.50 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPIG SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A			W/FINES (%)			USC	DEPTH (m)
				2000	6000	8000	20	40	60		
0.0			GRAVEL								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC190		BOREHOLE No. SGC190	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.00m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.00 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPIG SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A			W/FINES (%)			USC	DEPTH (m)
				2000	6000	8000	20	40	60		
0.0			GRAVEL								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIAK BORROW SITE		ORIGINAL BOREHOLE NO. GC191		BOREHOLE No. SGC191	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			GRAVEL - some coarse grained sand		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 83/07/27	
			LOGGED BY JFR KMW MAY	DWG NO.	Page 1 of 1

ISSIAK BORROW SITE		ORIGINAL BOREHOLE NO. GC192		BOREHOLE No. SGC192	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.90m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.90 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			GRAVEL		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 83/07/27	
			LOGGED BY JFR KMW MAY	DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC193		BOREHOLE No. SGC193	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.90m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.90 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (ft)
0.0			GRAVEL - assumed principal component, no sample recovery		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 03/07/27	
			LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC194		BOREHOLE No. SGC194	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.90m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.90 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (ft)
0.0			GRAVEL - assumed principal component, no sample recovery		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 03/07/27	
			LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC195		BOREHOLE No. SGC195			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)			
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S. (mm) A 2000 6300 2500 8000 PLASTIC M.C. LIQUID 20 40 60 80	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (ft)
0.0			GRAVEL				0.0
			END OF CAVITY CORE				
							-1.5
							-2.0
							-3.0
1.8							
EBA Engineering Consultants Ltd.			COMPLETION DEPTH ** m		COMPLETE 83/07/27		
Calgary, Alberta			LOGGED BY JFR KML MAY		DWC NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC198		BOREHOLE No. SGC196			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)			
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S. (mm) A 2000 6300 2500 8000 PLASTIC M.C. LIQUID 20 40 60 80	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (ft)
0.0			GRAVEL - some coarse grained sand				0.0
			END OF GRAVITY CORE				
							-1.5
							-2.0
							-3.0
1.8							
EBA Engineering Consultants Ltd.			COMPLETION DEPTH ** m		COMPLETE 83/07/27		
Calgary, Alberta			LOGGED BY JFR KML MAY		DWC NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC197		BOREHOLE No. ISGC197	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.00m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.00 (m)	
SAMPLE TYPE		☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE			

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S.D. (mm) A			FINES (%)				USC	DEPTH (m)
				2000	425	600	20	40	60	80		
0.0			GRAVEL									0.0
			END OF GRAVITY CORE									
												-1.0
												-2.0
												-3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
		LOGGED BY JPR KNU MAV	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC198		BOREHOLE No. ISGC198	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.00m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.00 (m)	
SAMPLE TYPE		☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE			

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S.D. (mm) A			FINES (%)				USC	DEPTH (m)
				2000	425	600	20	40	60	80		
0.0			GRAVEL									0.0
			END OF GRAVITY CORE									
												-1.0
												-2.0
												-3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
		LOGGED BY JPR KNU MAV	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC199		BOREHOLE No. SGC199	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA # 101-3888	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURGED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 250 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4500	8500	20	40	60		
0.0			GRAVEL								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.8											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ... m		COMPLETE 83/07/27	
		LOGGED BY JFR KMG MAY		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC200		BOREHOLE No. SGC200	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.00m (approximately)		Project No: EBA # 101-3888	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.00 (m)	
SAMPLE TYPE ☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 250 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4500	8500	20	40	60		
0.0			GRAVEL - some coarse grained sand								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.8											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ... m		COMPLETE 83/07/27	
		LOGGED BY JFR KMG MAY		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC203		BOREHOLE No. ISGC203	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.90m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.90 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 1000 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	4000	6000	8000	20	40	60	80		
0.0			GRAVEL										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JFR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC204		BOREHOLE No. ISGC204	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.70 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 1000 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	4000	6000	8000	20	40	60	80		
0.0			GRAVEL AND SAND										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JFR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC205		BOREHOLE No. ISGC205	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.70 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	6000	20	40	60		
0.0			GRAVEL - assumed principal component, no sample recovery.								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JFR KKL MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC206		BOREHOLE No. ISGC206	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.70 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	6000	20	40	60		
0.0			GRAVEL - assumed principal component, no sample recovery.								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JFR KKL MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE			ORIGINAL BOREHOLE NO. GC208			BOREHOLE No. ISGC208								
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 8.70m (approximately)			Project No: EBA # 101-3868								
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEARED			ELEVATION - 8.70 (m)								
SAMPLE TYPE			☐ SHELL BY TRAE ☒ NO RECOVERY ☒ SPUR SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE											
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.P.D. (mm) A				FINES (%)				USC	DEPTH (m)	
				200	850	425	200	20	40	60	80			
				PLASTIC M.C. LIQUID 70 40 60 80				SAND (%) SILT (%) CLAY (%) 20 40 60 80						
0.0			GRAVEL - assumed principal component, no sample recovery											0.0
			END OF GRAVITY CORE											
														1.0
														2.0
														3.0
1.0														

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC209		BOREHOLE No. SGC209			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.70 (m)			
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 750 (mm) A 3000 4500 6000 8000 PLASTIC M.C. LIQUID 10 12 14 16	25 30 35 40 45 50 25 30 35 40 45 50 25 30 35 40 45 50	USC	DEPTH (m)
0.0			GRAVEL - assumed principal component, no sample recovery				0.0
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 83/07/27			
			LOGGED BY JFR KMW MAY	DWC NO. Page 1 of 1			

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC210		BOREHOLE No. SGC210			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.70 (m)			
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 750 (mm) A 3000 4500 6000 8000 PLASTIC M.C. LIQUID 10 12 14 16	25 30 35 40 45 50 25 30 35 40 45 50 25 30 35 40 45 50	USC	DEPTH (m)
0.0			GRAVEL				0.0
			END OF GRAVITY CORE				-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 83/07/27			
			LOGGED BY JFR KMW MAY	DWC NO. Page 1 of 1			

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC211		BOREHOLE No. ISGC211	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3888	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION - 8.70 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A				W/FINES (%)				USC	DEPTH (m)
				3000	4500	6000	8000	20	40	60	80		
0.0			GRAVEL										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/27	
		LOGGED BY JPR KNU MAY		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC212		BOREHOLE No. ISGC212	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA / 101-3888	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION - 8.50 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A				W/FINES (%)				USC	DEPTH (m)
				3000	4500	6000	8000	20	40	60	80		
0.0			GRAVEL - some coarse graded sand										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/27	
		LOGGED BY JPR KNU MAY		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC213		BOREHOLE No. ISGC213	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.50 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ HD RECOVERY ☒ SPLIT SPOON ☐ DISBURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 999 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	4300	6000	8000	20	40	60	80		
0.0			GRAVEL										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH *** m	COMPLETE 83/07/27
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC214		BOREHOLE No. ISGC214	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.60 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ HD RECOVERY ☒ SPLIT SPOON ☐ DISBURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 999 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	4300	6000	8000	20	40	60	80		
0.0			GRAVEL										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH *** m	COMPLETE 83/07/27
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC215		BOREHOLE No. SGC215	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	ADDITIONAL DATA			USC	DEPTH (m)
				2000	4000	6000		
0.0			GRAVEL					0.0
			END OF GRAVITY CORE					
								-1.0
								-2.0
								-3.0
1.0								

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC216		BOREHOLE No. SGC216	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.70 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	ADDITIONAL DATA			USC	DEPTH (m)
				2000	4000	6000		
0.0			GRAVEL - assumed principal component, no sample recovery					0.0
			END OF GRAVITY CORE					
								-1.0
								-2.0
								-3.0
1.0								

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC217		BOREHOLE No. SGC217	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.80m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.80 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A				FINES (%)				USC	DEPTH (m)
				3000	4500	6000	8000	20	40	60	80		
0.0			GRAVEL										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.8													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ... m	COMPLETE 83/07/27
LOGGED BY JFR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC218		BOREHOLE No. SGC218	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.90m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.90 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A				FINES (%)				USC	DEPTH (m)
				3000	4500	6000	8000	20	40	60	80		
0.0			GRAVEL										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.8													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ... m	COMPLETE 83/07/27
LOGGED BY JFR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC219		BOREHOLE No. ISGC219	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.30m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.30 (m)	
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.D.P. (m) A			FINES (%)			USC	DEPTH (m)
				3000	4500	6000	20	40	60		
0.0			CLAY - sandy								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC220		BOREHOLE No. ISGC220	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.30m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.30 (m)	
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.D.P. (m) A			FINES (%)			USC	DEPTH (m)
				3000	4500	6000	20	40	60		
0.0			SAND - some silt, fine grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC221		BOREHOLE No. SGC221	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.20m (approximately)		Project No: EBA / 101-3858	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.20 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 600 (mm) A			W PIES (mm)			USC	DEPTH (m)
				2000	4500	6500	20	40	60		
0.0			GRAVEL								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE #3/07/27
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC222		BOREHOLE No. SGC222	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.20m (approximately)		Project No: EBA / 101-3858	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.20 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 600 (mm) A			W PIES (mm)			USC	DEPTH (m)
				2000	4500	6500	20	40	60		
0.0			SAND - fine to medium grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE #3/07/27
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC223		BOREHOLE No. ISGC223		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.10m (approximately)		Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.10 (m)		
SAMPLE TYPE		☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE				
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A 3000 4500 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	PERCENT (%) 20 40 60 80 SAND (20) S 20 40 60 80 GRAVEL (20) G	USC	DEPTH (m)
0.0		GRAVEL - medium to coarse grained				0.0
		CLAY				
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m		COMPLETE 83/07/27		
		LOGGED BY JPR KNU MAY		DWC NO.		
				Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC224		BOREHOLE No. ISGC224		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.10m (approximately)		Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.10 (m)		
SAMPLE TYPE		☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE				
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A 3000 4500 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	PERCENT (%) 20 40 60 80 SAND (20) S 20 40 60 80 GRAVEL (20) G	USC	DEPTH (m)
0.0		SAND - medium to coarse grained				0.0
		CLAY				
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m		COMPLETE 83/07/27		
		LOGGED BY JPR KNU MAY		DWC NO.		
				Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC225		BOREHOLE No. ISGC225	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.10m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEALED		ELEVATION -9.10 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	4000	6000	8000	20	40	60	80		
0.0			SAND - medium to coarse grained										0.0
			CLAY										
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/27	
LOGGED BY JPR KWI MAV		DWC NO.		Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC226		BOREHOLE No. ISGC226	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.00m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEALED		ELEVATION -9.00 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	4000	6000	8000	20	40	60	80		
0.0			GRAVEL - some coarse grained sand										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/27	
LOGGED BY JPR KWI MAV		DWC NO.		Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC227		BOREHOLE No. ISGC227	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.90m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.90 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	ASTM (mm) A			FINES (%)			USC	DEPTH (m)
				2000	425	600	20	40	60		
0.0			SAND - some gravel, coarse grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC228		BOREHOLE No. ISGC228	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.90m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.90 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	ASTM (mm) A			FINES (%)			USC	DEPTH (m)
				2000	425	600	20	40	60		
0.0			GRAVEL AND SAND - sand is coarse grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIAK BORROW SITE		ORIGINAL BOREHOLE NO. GC229		BOREHOLE No. SGC229	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.40m (approximately)		Project No: EBA / 101-3968	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.40 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	4500	8500	20000	20	40	60	80		
0.0			GRAVEL AND SAND - sand is coarse grained										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JFR KWI MAY		DWG NO.	Page 1 of 1

ISSIAK BORROW SITE		ORIGINAL BOREHOLE NO. GC230		BOREHOLE No. SGC230	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.8m (APPROXIMATELY)		Project No: EBA / 101-3968	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.80 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	4500	8500	20000	20	40	60	80		
0.0			GRAVEL AND SAND - sand is coarse grained										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JFR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE			ORIGINAL BOREHOLE NO. GC231		BOREHOLE No. SGC231				
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 8.1m (APPROXIMATELY)		Project No: EBA # 101-3868				
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.40 (m)				
SAMPLE TYPE			☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION		1000 1500 (mm) 2000 PLASTIC M.C. LIQUID 70 40 80 50		30 40 50 60 FINES (%) 20 30 40 50 SAND (%) 20 30 40 50 GRAVEL (%)	USC	DEPTH (m)
0.0			GRAVEL AND SAND - sand is coarse grained						0.0
			END OF GRAVITY CORE						
									1.0
									2.0
									3.0
1.0									

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH ** m

LOGGED BY JPR KNU MAY

COMPLETE 8/3/07/27

DWC NO.

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC232		BOREHOLE No. KGC232							
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.3m (APPROXIMATELY)		Project No: EBA # 101-3868							
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEAGED		ELEVATION - 8.30 (m)							
SAMPLE TYPE		☐ SHELBY TUBE		☒ NO RECOVERY							
		☒ SPLIT SPOON		☐ DEBURRED							
		☐ PISTON CORE		☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	ASTM (mm) A			W.P.S. (%)			USC	DEPTH (m)
				2000	425	75	20	40	60		
				PLASTIC M.C. LIQUID							
				20	40	60	20	40	60		
0.0			GRAVEL AND SAND - sand is coarse grained								0.0
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.8											

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH ••• m

LOGGED BY JPR KWL MAY

COMPLETE 03/07/27

DWG NO.

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC233		BOREHOLE No. SGC233	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.3m (APPROXIMATELY)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.30 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ 1ND RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 500 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	400	600	20	40	60		
0.0			GRAVEL AND SAND - sand is coarse grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC234		BOREHOLE No. SGC234	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.5m (APPROXIMATELY)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.50 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ 1ND RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 500 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	400	600	20	40	60		
0.0			GRAVEL AND SAND - sand is coarse grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC235		BOREHOLE No. ISGC235		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.9m (APPROXIMATELY)		Project No: EBA / 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 9.90 (m)		
SAMPLE TYPE ☒ SHELBLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A 3000 1500 7500 3000 PLASTIC M.C. LIQUID 20 10 80 20	W/FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0		GRAVEL AND SAND - sand is coarse grained				0.0
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m		COMPLETE 83/07/27		
		LOGGED BY JPR KWI MAY		DWG NO.		Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC236		BOREHOLE No. ISGC236		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.2m (APPROXIMATELY)		Project No: EBA / 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 9.20 (m)		
SAMPLE TYPE ☒ SHELBLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A 3000 1500 7500 3000 PLASTIC M.C. LIQUID 20 10 80 20	W/FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0		GRAVEL AND SAND - trace of clay, sand is coarse grained.				0.0
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m		COMPLETE 83/07/27		
		LOGGED BY JPR KWI MAY		DWG NO.		Page 1 of 1

ISSUING BORROW SITE		ORIGINAL BOREHOLE NO.	BORERHOLE No.				
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.2m (APPROXIMATELY)	Project No: EBA # 101-3868				
DRILL SHIP - M.V. FRANK BRIDGERICK		DEPTHS ARE REFERENCED TO SEABED	ELEVATION - 9.20 (m)				
SAMPLE TYPE	☐ SHOULDER TUBE	☒ NO RECOVERY	☒ SPLIT SPOON	☐ DISTURBED	☐ PISTON CORE	☐ GRAVITY CORE	
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 600 (mm) A 500 550 600	M 600 (mm) 50 60 70	USC	DEPTH (ft)
0.0			GRAVEL	PASTIC MC LIQUID	◆ SAND ◆ ● GRUEL ●		0.0
			CLAY				1.0
			END OF GRAVITY CORE				2.0
							3.0
1.0							

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH 0.3 m COMPLETE 83/07/27
LOGGED BY JFR KWI MAY DNC NO. Page 1 of 1

ISSIGAK BORROW SITE			ORIGINAL BOREHOLE NO. GC239			BOREHOLE No. ISGC239			
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 9.3m (APPROXIMATELY)			Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEABED			ELEVATION -8.30 (m)			
SAMPLE TYPE			☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION			USC			DEPTH (m)
			A.O.S. (mm) A 200 400 600 800 PLASTIC N.C LIQUID 			W.P.U.C. (%) 20 40 60 80 L.P.L. (%) 20 40 60 80 U.C.L. (%) 20 40 60 80			
0.0			CLAY						0.0
			END OF GRAVITY CORE						
									-1.0
									-2.0
									-3.0
1.0									

ISSIGAK BORROW SITE			ORIGINAL BOREHOLE NO. GC240			BOREHOLE No. SGC240									
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 9.5m (APPROXIMATELY)			Project No: EBA # 101-3868									
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEAGED			ELEVATION -9.50 (m)									
SAMPLE TYPE			☐ SHIELBY TUBE ☒ 110 RECOVERY ☒ SPLIT SPKON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE												
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	ADDS (mm) A				PILES (mm)				USC	DEPTH (m)		
				2000	4000	6000	8000	20	40	60	80				
				PLASTIC M.C. LIQID				+ SAND (mm) + - GRAVEL (mm) -							
				10	40	60	80	20	40	60	80				
0.0			GRAVEL AND SAND - sand is coarse grained											0.0	
			END OF GRAVITY CORE												
														1.0	
														2.0	
														3.0	
1.0															

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC241		BOREHOLE No. ISGC241	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.0m (APPROXIMATELY)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.00 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	850	425	200	20	40	60	80		
0.0			GRAVEL										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JFR KNU MAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC242		BOREHOLE No. ISGC242	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.55m (APPROXIMATELY)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.55 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	850	425	200	20	40	60	80		
0.0			GRAVEL - some coarse grained sand.										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JFR KNU MAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC243		BOREHOLE No. ISGC243	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (APPROXIMATELY)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION - 8.30 (m)	
SAMPLE TYPE ☒ SHOULDER TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A			W/FINES (%)			USC	DEPTH (m)
				2000	4000	8000	20	40	60		
0.0			GRAVEL								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC244		BOREHOLE No. ISGC244	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.40m (APPROXIMATELY)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION - 8.40 (m)	
SAMPLE TYPE ☒ SHOULDER TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A			W/FINES (%)			USC	DEPTH (m)
				2000	4000	8000	20	40	60		
0.0			GRAVEL - assumed principal component, no sample recovery.								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

[illegible][illegible]

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC247		BOREHOLE No. SGC247	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.51m (APPROXIMATELY)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.51 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.D.P. (mm) A			FINES (%) B			USC	DEPTH (ft)
				3000	4300	6300	20	40	60		
0.0			GRAVEL - assumed principal component, no sample recovery.								0.0
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC248		BOREHOLE No. SGC248	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.52m (APPROXIMATELY)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.52 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.D.P. (mm) A			FINES (%) B			USC	DEPTH (ft)
				3000	4300	6300	20	40	60		
0.0			GRAVEL								0.0
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC251		BOREHOLE No. ISGC251	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.80m (APPROXIMATELY)		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION - 8.80 (m)	
SAMPLE TYPE ☒ CHSLBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 500 (mm) A			W/FINES (%)			USC	DEPTH (ft)
				2000	425	600	20	40	60		
0.0			GRAVEL								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KNU NAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC252		BOREHOLE No. ISGC252	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.93m (APPROXIMATELY)		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION - 8.93 (m)	
SAMPLE TYPE ☒ CHSLBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 500 (mm) A			W/FINES (%)			USC	DEPTH (ft)
				2000	425	600	20	40	60		
0.0			GRAVEL - assumed principal component, no sample recovery.								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KNU NAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC253		BOREHOLE No. SGC253	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.10m (APPROXIMATELY)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.10 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPUT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) & 4.75 (mm) & 75 (mm) & 2000			FINES (75) & 200			USC	DEPTH (ft)	
				PLASTIC	MC	LIQUID	20	40	60			20
0.0			GRAVEL									0.0
			END OF GRAVITY CORE									
												-1.0
												-2.0
												-3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC254		BOREHOLE No. SGC254	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.25m (APPROXIMATELY)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.25 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPUT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) & 4.75 (mm) & 75 (mm) & 2000			FINES (75) & 200			USC	DEPTH (ft)	
				PLASTIC	MC	LIQUID	20	40	60			20
0.0			GRAVEL AND SAND - sand is coarse grained									0.0
			END OF GRAVITY CORE									
												-1.0
												-2.0
												-3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAY BORROW SITE		ORIGINAL BOREHOLE NO. GC256		BOREHOLE No. IGC256			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.31m (APPROXIMATELY)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRONDERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -9.31 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A D ₅₀ (mm) A 2000 1500 1000 500 PLASTIC MC LIQUID 	WATERS (%) ■ 20 40 60 80 ◆ SAND (%) ◆ 20 40 60 80 ● GRAVEL (%) ● 20 40 60 80	USC	DEPTH (ft)
0.0			GRAVEL - assumed principal component, no sample recovery. END OF GRAVITY CORE				0.0
1.0							1.0
							2.0
							3.0

[illegible]

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC259		BOREHOLE No. SGC259	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.70m (APPROXIMATELY)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 7.70 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ 1HD RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			GRAVEL		0.0
			END OF GRAVITY CORE		
					1.0
					2.0
					3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 03/07/27	
			LOGGED BY JFR KWI MAY	DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC260		BOREHOLE No. SGC260	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.50m (APPROXIMATELY)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 7.50 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ 1HD RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			GRAVEL AND SAND - sand is coarse grained		0.0
			END OF GRAVITY CORE		
					1.0
					2.0
					3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 03/07/27	
			LOGGED BY JFR KWI MAY	DWG NO.	Page 1 of 1

ISSAGAK BORROW SITE			ORIGINAL BOREHOLE NO. GC261			BOREHOLE No. ISGC261								
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 0.00m (APPROXIMATELY)			Project No: EBA / 101-3868								
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEABED			ELEVATION -8.00 (m)								
SAMPLE TYPE			☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE											
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION		4.059 (m) A 2550 4.356 4.555 4.854 PLASTIC M.C. LIQUID 20 40 60 80				P.W.S. (2) W 25 30 35 40 S.P.D. (2) S 25 30 35 40 G.R.A.S.E.L. (2) G 25 30 35 40				USC	DEPTH (m)
0.0			GRAVEL AND SAND - sand is coarse grained											0.0
			END OF GRAVITY CORE											

ISSIGAK BORROW SITE			ORIGINAL BOREHOLE NO. G282			BOREHOLE No. ISGC262							
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 8.70m (APPROXIMATELY)			Project No: EBA / K01-3828							
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEABED			ELEVATION - 8.70 (m)							
SAMPLE TYPE			☒ SHELBY TUBE	☒ 100% RECOVERY	☒ SPENT SPOON	☐ DISTURBED	☐ PISTON CORE	☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	ASTM (mm) &				WIPES (%)				USC	DEPTH (ft)
				2000	425	75	475	20	40	60	80		
				PLASTIC N.C. LIQUID				SHRINK (%)					
				20 40 60 80				20 40 60 80					
0.0			GRAVEL - assumed principal component, no sample recovery.										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0
1.0													
EBA Engineering Consultants Ltd. Calgary, Alberta				COMPLETION DEPTH • • •				COMPLETE 83/07/27					
				LOGGED BY JPR KWI MAY				BWC NO.				Page 1 of 1	

ISSIGAK BORROW SITE						ORIGINAL BOREHOLE NO. GC263								BOREHOLE No. ISGC263										
ESSO RESOURCES CANADA LTD.						WATER DEPTH - 9.45m (APPROXIMATELY)								Project No: EBA # 101-3688										
DRILL SHIP - M.V. FRANK BRODERICK						DEPTHS ARE REFERENCED TO SEAROD								ELEVATION - 9.45 (m)										
SAMPLE TYPE						☐ SHELBY TUBE	☒ NO RECOVERY	☒ SPILT BOOTH	☐ DISTURBED	☐	☐ PISTON CORE							☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION		A D ₅₀ (mm) A								TIMES (S) H				USC	DEPTH (ft)						
					A ₂₀₀	A ₄₂₅	A ₆₀₀	A ₈₅₀																
					PLASTIC LIQID																			
					70	40	20	10					20	10	5	2								
0.0			SAND - medium to coarse grained.																					
			CLAY																					
			END OF GRAVITY CORE																					
1.0																								

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH 0.2 m
LOGGED BY JFR KWI MAY

COMPLETE 83/07/27
DWC NO.

Page 1 of 1

KISIKAK BORROW SITE			ORIGINAL BOREHOLE NO. GC264	BOREHOLE No. SGC264				
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 8.50m (APPROXIMATELY)	Project No: EBA # 101-3868				
DRIILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEABED	ELEVATION - 8.50 (m)				
SAMPLE TYPE			☐ SHELLY TUBE ☒ NO RECOVERY ☒ SPILT SPOON ☐ DISTURBED	☐	PISTON CORE	☐	GRAVITY CORE	
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION		A 200 (#) A 2000 4000 6000 8000	FINES (%) ☐ FINE SAND (☐ ☐ COARSE SAND (☐ ☐ GRAVEL (%) PLASTIC N.C LIQUID	USC	DEPTH (ft)
0.0			GRAVEL AND SAND - sand is coarse grained					0.0
			END OF GRAVITY CORE					-1.9
								-2.0
								-3.0
1.9								

EBC Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH •• m COMPLETE 83/07/27
LOGGED BY JFR KWL MAY DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC265		BOREHOLE No. ISGC265	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.40m (APPROXIMATELY)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEALED		ELEVATION -8.40 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION	AD 500 (mm) A 2000 1500 1000 500	FINES (%) 20 40 60 80 SAND (%) GRAVEL (%)	USC DEPTH (ft)
0.0		GRAVEL AND SAND - sand is coarse grained	PLASTIC M.C. LIQUID 20 40 60 80	20 40 60 80	0.0
		END OF GRAVITY CORE			-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.3 m		COMPLETE 83/07/27	
		LOGGED BY JPR KNU MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC266		BOREHOLE No. ISGC266	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (APPROXIMATELY)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEALED		ELEVATION -8.50 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION	AD 500 (mm) A 2000 1500 1000 500	FINES (%) 20 40 60 80 SAND (%) GRAVEL (%)	USC DEPTH (ft)
0.0		SAND AND GRAVEL	PLASTIC M.C. LIQUID 20 40 60 80	20 40 60 80	0.0
		CLAY END OF GRAVITY CORE			-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.3 m		COMPLETE 83/07/27	
		LOGGED BY JPR KNU MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC267		BOREHOLE No. SGC267	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.55m (APPROXIMATELY)		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.55 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	425	850	20	40	60		
0.0			GRAVEL AND SAND - sand is coarse grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC268		BOREHOLE No. SGC268	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (APPROXIMATELY)		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	425	850	20	40	60		
0.0			GRAVEL - poor sample recovery.								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC271		BOREHOLE No. SGC271			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.00m (APPROXIMATELY)		Project No. EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.00 (m)			
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A DSD (mm) A 2000 1500 1000 500 PLASTIC M.C. LIQUID 20 40 60 80	IN FINE (mm) 20 40 60 80 SAND (mm) 20 40 60 80 GRAVEL (mm) 20 40 60 80	USC	DEPTH (m)
0.0			GRAVEL - assumed principal component, no sample recovery.				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m	COMPLETE 83/07/27			
			LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC272		BOREHOLE No. SGC272			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.20m (APPROXIMATELY)		Project No. EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.20 (m)			
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A DSD (mm) A 2000 1500 1000 500 PLASTIC M.C. LIQUID 20 40 60 80	IN FINE (mm) 20 40 60 80 SAND (mm) 20 40 60 80 GRAVEL (mm) 20 40 60 80	USC	DEPTH (m)
0.0			CLAY - sandy,				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m	COMPLETE 83/07/27			
			LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC273		BOREHOLE No. ISGC273	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.30m (APPROXIMATELY)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.30 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A				FINES (%)				USC	DEPTH (m)
			2000	4500	8500	8000	20	40	60	80		
0.0		GRAVEL										0.0
		END OF GRAVITY CORE										
												-1.0
												-2.0
												-3.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC274		BOREHOLE No. ISGC274	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.00m (APPROXIMATELY)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.00 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A				FINES (%)				USC	DEPTH (m)
			2000	4500	8500	8000	20	40	60	80		
0.0		GRAVEL - assumed principal component, no sample recovery.										0.0
		END OF GRAVITY CORE										
												-1.0
												-2.0
												-3.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAV		DWG NO.	Page 1 of 1

ISSUAK BORROW SITE			ORIGINAL BOREHOLE NO. GC275			BOREHOLE No. SGC275			
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 8.90m (APPROXIMATELY)			Project No: EBA / K01-3668			
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEABED			ELEVATION -8.90 (m)			
SAMPLE TYPE	☐ SHOULBY TUBE	☒ NO RECOVERY	☒ SPILT SPOON	☐ DISTURBED	☐	PISTON CORE	☐	GRAVITY CORE	
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION			USC			DEPTH (ft)
			A 950 (mm) A B 550 C 550 D 550	PLASTIC	M.C	LQUID	FINES (%) ☐ SAND (☐ 20 40 60 80 ☐ GRAVEL (☐ 20 40 60 80		
0.0			GRAVEL — assumed principal component, no sample recovery.						0.0
			END OF GRAVITY CORE						
1.0									3.0

Page 1 of 1

ISSIGAK BORROW SITE						ORIGINAL BOREHOLE NO. GC276								BOREHOLE No. SGC276								
ESSO RESOURCES CANADA LTD.						WATER DEPTH - 8.95m (APPROXIMATELY)								Project No: EBA # 101-3668								
DRILL SHIP - M.V. FRANK BRODERICK						DEPTHS ARE REFERENCED TO SEABED								ELEVATION - 8.95 (m)								
SAMPLE TYPE	SHIELD BY TUBE	NO RECOVERY	SPLIT SPOON	DISTURBED	PULSON CORE	GRAVITY CORE																
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION				A DSS (mm) A 2500 4550 6555 8555				FINES (%) # 40 60 80				USC				DEPTH (ft)			
							PLASTIC N.C LIQUID				SAND (%) # 40 60 80											
							— — — — —				# 40 60 80											
0.0			CLAY															0.0				
			END OF GRAVITY CORE															-1.0				
																		-2.0				
																		-3.0				
1.0																						

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC277		BOREHOLE No. ISGC277		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.84m		Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.84 (m)		
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A 2000 4000 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	# FINES (%) 20 40 60 80 S.W. (mm) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0		GRAVEL				0.0
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 03/07/27	
			LOGGED BY JPR KWI MAY		DWG NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC278		BOREHOLE No. ISGC278		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.84m		Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.84 (m)		
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A 2000 4000 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	# FINES (%) 20 40 60 80 S.W. (mm) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0		GRAVEL - assumed principal component, no sample recovery				0.0
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 03/07/27	
			LOGGED BY JPR KWI MAY		DWG NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC279		BOREHOLE No. SGC279			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.84m		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.84 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 500 (mm) A 3000 1500 750 3000 PLASTIC M.C. LIQUID 20 40 60 80	W/FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0			GRAVEL - assumed principal component, no sample recovery.				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 03/07/27			
			LOGGED BY JPR KWI MAY	DWC NO.			

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC280		BOREHOLE No. SGC280			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.99m		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.99 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 500 (mm) A 3000 1500 750 3000 PLASTIC M.C. LIQUID 20 40 60 80	W/FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0			GRAVEL - 20mm maximum size				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 03/07/27			
			LOGGED BY JPR KWI MAY	DWC NO.			

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC281		BOREHOLE No. ISGC281	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA # 101-3888	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEALED		ELEVATION -9.14 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A			FINE (20)			USC	DEPTH (m)
				2000	4250	8500	20	40	80		
0.0			GRAVEL - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
		LOGGED BY JFR KWI MAV	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC282		BOREHOLE No. ISGC282	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.30m		Project No: EBA # 101-3888	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEALED		ELEVATION -9.30 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A			FINE (20)			USC	DEPTH (m)
				2000	4250	8500	20	40	80		
0.0			GRAVEL - assumed principal component, no sample recovered								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
		LOGGED BY JFR KWI MAV	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE						ORIGINAL BOREHOLE NO. GC283							BOREHOLE No. ISGC283								
ESSO RESOURCES CANADA LTD.						WATER DEPTH - 0.99m							Project Nor EBA # 101-3868								
DRILL SHIP - M.V. FRANK BRODERICK						DEPTHS ARE REFERENCED TO SEABED							ELEVATION - 8.99 (m)								
SAMPLE TYPE						☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPAT SPOON ☐ DISTURBED						☐ PISTON CORE ☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D ₅₀ (mm) A 1000 4500 8500 8500								FINES (%)				USC	DEPTH (ft)				
				PLASTIC	N.C	Liquid															
0.0			GRAVEL AND SAND - sand is coarse grained																		
			END OF GRAVITY CORE																		
1.0																					
																	-1.0				
																	-2.0				
																	-3.0				

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH •• m

LOGGED BY JPR KWI MAY

DWG NO.

COMPLETE 83/07/27

Page 1 of 1

[illegible]

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC285		BOREHOLE No. ISGC285	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.14 (m)	
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D. 50 (mm) A				FINES (%)				USC	DEPTH (m)
				3000	2500	2000	1500	20	40	60	80		
9.9			GRAVEL and SAND - sand is coarse grained										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
		LOGGED BY JPR KWI MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC285		BOREHOLE No. ISGC286	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.45m		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.45 (m)	
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D. 50 (mm) A				FINES (%)				USC	DEPTH (m)
				3000	2500	2000	1500	20	40	60	80		
0.0			GRAVEL AND SAND - sand is coarse grained										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
		LOGGED BY JPR KWI MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC287		BOREHOLE No. ISGC287	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.60m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEALED		ELEVATION - 9.60 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	USC	DEPTH (ft)
0.0			GRAVEL AND SAND - sand is coarse grained		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC288		BOREHOLE No. ISGC288	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.75m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEALED		ELEVATION - 9.75 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	USC	DEPTH (ft)
0.0			SAND AND GRAVEL		0.0
			CLAY		
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC289		BOREHOLE No. ISGC289	
ESSO RESOURCES CANADA LTD.		WATER DEPTH -10.06m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -10.06 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	1500	1000	500	20	40	60	80		
0.0			GRAVEL										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC290		BOREHOLE No. ISGC290	
ESSO RESOURCES CANADA LTD.		WATER DEPTH -10.06m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -10.06 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	1500	1000	500	20	40	60	80		
0.0			SAND - gravelly										0.0
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.5 m	COMPLETE 03/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC291		BOREHOLE No. ISGC291		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 19.06m		Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION - 10.06 (m)		
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION	A 0.00 (mm) A 1500 1000 500 250 PLASTIC M.C. LIQUID 20 40 60 80	25 75% (2) 100% 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (ft)
0.0		SAND AND GRAVEL CLAY				0.0
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.3 m		COMPLETE 83/07/27		
		LOGGED BY JFR KWI MAY		DWC NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC292		BOREHOLE No. ISGC292		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.91m		Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION - 9.91 (m)		
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION	A 0.00 (mm) A 1500 1000 500 250 PLASTIC M.C. LIQUID 20 40 60 80	25 75% (2) 100% 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (ft)
0.0		GRAVEL				0.0
		CLAY				-1.0
		SAND AND GRAVEL				
						-2.0
		CLAY				
		END OF GRAVITY CORE				-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.3 m		COMPLETE 83/07/27		
		LOGGED BY JFR KWI MAY		DWC NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC295		BOREHOLE No. ISGC295	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.14 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			CLAY - sandy, poor sample recovery		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 83/07/27	
			LOGGED BY JPR KNI MAV	DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC296		BOREHOLE No. ISGC296	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.14 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			SAND - assumed principal component, no sample recovery		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 83/07/27	
			LOGGED BY JPR KNI MAV	DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC297		BOREHOLE No. ISGC297		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA / 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.14 (m)		
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 1000 (mm) A 2000 4500 6500 8000 PLASTIC M.C. LIQUID 20 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (ft)
0.0			SAND - assumed principal component, no sample recovery			0.0
			END OF GRAVITY CORE			
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m		COMPLETE 83/07/27	
			LOGGED BY JPR KKL MAY		DWG NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC298		BOREHOLE No. ISGC298		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA / 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.14 (m)		
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 1000 (mm) A 2000 4500 6500 8000 PLASTIC M.C. LIQUID 20 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (ft)
0.0			SAND - assumed principal component, no sample recovery			0.0
			END OF GRAVITY CORE			
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m		COMPLETE 83/07/27	
			LOGGED BY JPR KKL MAY		DWG NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. G0299		BOREHOLE No. SGC299	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEARED		ELEVATION -9.14 (m)	
SAMPLE TYPE		☒ SHELBY TUBE		☒ NO RECOVERY	
		☒ SPLIT SPOON		☐ DISTURBED	
		☐ PISTON CORE		☐ GRAVITY CORE	
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION		USC	
		3000 1000 500 250 125 62.5 31.25 15.62 7.81 3.91 1.95 0.98 0.49 0.24 0.12 0.06 0.03 0.01 PLASTIC M.C. LIQUID 20 40 60 80		20 40 60 80 20 40 60 80 20 40 60 80	
0.0		SAND - assumed principal component, no sample recovery			0.0
		END OF GRAVITY CORE			
1.0					1.0
2.0					2.0
3.0					3.0
1.2					

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH ** m

LOGGED BY JPR KWK MAY

COMPLETE 83/07/27

DWG NO.

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC300		BOREHOLE No. ISGC300			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA # 101-3668			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.14 (m)			
SAMPLE TYPE	☐ SHOULDER TUBE	☒ HD RECOVERY	☒ SPUR SPOON	☐ DISTURBED	☐ PISTON CORE	☐ GRAVITY CORE	
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S.D (mm) A 2000 4300 10000 60000	PLASTIC M.C LIQUID	USC	DEPTH (ft)
0.0			SAND - fine to medium grained				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH •• m
LOGGED BY JPR KNU MAY

COMPLETE 83/07/27
DWC NO.

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC301		BOREHOLE No. ISGC301	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.45m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.45 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A. DSD (mm) A				PIGMENT (mm)				USC	DEPTH (m)
				2000	425	600	800	20	40	60	80		
0.0			SAND - trace silt, fine to medium grained										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC302		BOREHOLE No. ISGC302	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.30m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.30 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A. DSD (mm) A				PIGMENT (mm)				USC	DEPTH (m)
				2000	425	600	800	20	40	60	80		
0.0			CLAY AND SAND - silty										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC303		BOREHOLE No. ISGC303			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.30m		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.30 (m)			
SAMPLE TYPE ☒ SHLEBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 0.50 (mm) A 2000 4500 8500 2000 PLASTIC M.C. LIQUID 10 20 40 60 80	FINES (2) 3 20 40 60 80 SAND (2) 3 20 40 60 80 GRAVEL (2) 3 20 40 60 80	USC	DEPTH (m)
0.0			SAND - assumed principal component, no sample recovery				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.4							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 03/07/27			
			LOGGED BY JFR KNU MAY	DWG NO.			
			Page 1 of 1				

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC304		BOREHOLE No. ISGC304			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.30m		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.30 (m)			
SAMPLE TYPE ☒ SHLEBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 0.50 (mm) A 2000 4500 8500 2000 PLASTIC M.C. LIQUID 10 20 40 60 80	FINES (2) 3 20 40 60 80 SAND (2) 3 20 40 60 80 GRAVEL (2) 3 20 40 60 80	USC	DEPTH (m)
0.0			SAND - assumed principal component, no sample recovery				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m	COMPLETE 03/07/27			
			LOGGED BY JFR KNU MAY	DWG NO.			
			Page 1 of 1				

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC306		BOREHOLE No. ISGC305	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.45m		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.45 (m)	
SAMPLE TYPE ☒ SHS BY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	1500	850	600	20	40	60	80		
0.0			SAND - fine, poor sample recovery										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC306		BOREHOLE No. ISGC306	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.14 (m)	
SAMPLE TYPE ☒ SHS BY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	1500	850	600	20	40	60	80		
0.0			SAND AND CLAY - assumed principal component, no sample recovery, traces of material on sample tube										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC309		BOREHOLE No. ISGC309	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.45m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.45 (m)	
SAMPLE TYPE ☒ GHELY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (ft)
0.0			SAND AND GRAVEL - sand is coarse grained		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m	COMPLETE 03/07/27	
			LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC310		BOREHOLE No. ISGC310	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.75m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.75 (m)	
SAMPLE TYPE ☒ GHELY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (ft)
0.0			GRAVEL AND SAND - sand is coarse grained		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m	COMPLETE 03/07/27	
			LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC311		BOREHOLE No. ISGC311	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.91m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.91 (m)	
SAMPLE TYPE		☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE			

DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION	A D P (mm) A			FINES (%)			USC	DEPTH (m)
			2000	425	60	20	40	60		
0.0		SAND AND GRAVEL - coarse grained								0.0
		CLAY								
		GRAVEL								
		CLAY								
		END OF GRAVITY CORE								
										-1.0
										-2.0
										-3.0
1.0										

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.3 m	COMPLETE 03/07/27
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC312		BOREHOLE No. ISGC312	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.91m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.91 (m)	
SAMPLE TYPE		☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE			

DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION	A D P (mm) A			FINES (%)			USC	DEPTH (m)
			2000	425	60	20	40	60		
0.0		SAND AND GRAVEL - coarse grained								0.0
		CLAY								
		GRAVEL								
		CLAY								
		END OF GRAVITY CORE								
										-1.0
										-2.0
										-3.0
1.0										

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.3 m	COMPLETE 03/07/27
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC313		BOREHOLE No. ISGC313	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.91m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.91 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A				FINES (%)				USC	DEPTH (m)
			2000	4300	8500	0000	20	40	60	80		
0.0		CLAY - assumed principal component, no sample recovery, trace clay on outside of sample tube										0.0
		END OF GRAVITY CORE										
												-1.0
												-2.0
												-3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.2 m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC314		BOREHOLE No. ISGC314	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.91m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.91 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A				FINES (%)				USC	DEPTH (m)
			2000	4300	8500	0000	20	40	60	80		
0.0		GRAVEL AND SAND - sand is coarse grained										0.0
		CLAY										
		END OF GRAVITY CORE										
												-1.0
												-2.0
												-3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.2 m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC315		BOREHOLE No. ISGC315	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.60m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 9.80 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION		USC
0.0			GRAVEL AND SAND - assumed principal components, no sample recovered		0.0
			END OF GRAVITY CORE		
1.0					1.0
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m LOGGED BY JPR KWI MAY DMC NO. COMPLETE 03/07/27 Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC316		BOREHOLE No. ISGC316	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 9.14 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION		USC
0.0			SAND AND GRAVEL CLAY		0.0
			END OF GRAVITY CORE		
1.0					1.0
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m LOGGED BY JPR KWI MAY DMC NO. COMPLETE 03/07/27 Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC317		BOREHOLE No. ISGC317	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.53m		Project No. EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.53 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A (mm) A			PIES (mm)				USC	DEPTH (m)
				3000	4500	6000	20	40	60	80		
0.0			GRAVEL AND SAND - assumed principal components, no sample recovered									0.0
			END OF GRAVITY CORE									
												-1.0
												-2.0
												-3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KWS MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC318		BOREHOLE No. ISGC318	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.69m		Project No. EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.69 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A (mm) A			PIES (mm)				USC	DEPTH (m)
				3000	4500	6000	20	40	60	80		
0.0			GRAVEL AND SAND - 50mm maximum size, sand is coarse grained									0.0
			END OF GRAVITY CORE									
												-1.0
												-2.0
												-3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KWS MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC319		BOREHOLE No. ISGC319	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.14 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 250 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	1500	850	400	20	40	60	80		
0.0			GRAVEL - some sand, coarse										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
		LOGGED BY JPR KWI NAV	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC320		BOREHOLE No. ISGC320	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.75m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.75 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 250 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	1500	850	400	20	40	60	80		
0.0			GRAVEL - assumed principal component, no sample recovered										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
		LOGGED BY JPR KWI NAV	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC321		BOREHOLE No. ISGC321			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.91m		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.91 (m)			
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 650 (mm) A 2000 4500 6500 8000 PLASTIC N.C. LIQUID 20 40 60 80	# FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (ft)
0.0			GRAVEL - assumed principal component, no sample recovered				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 83/07/27		
			LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC322		BOREHOLE No. ISGC322			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.91m		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.91 (m)			
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 650 (mm) A 2000 4500 6500 8000 PLASTIC N.C. LIQUID 20 40 60 80	# FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (ft)
0.0			GRAVEL - assumed principal component, no sample recovered				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 83/07/27		
			LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC323		BOREHOLE No. SGC323	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 10.06m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEALED		ELEVATION - 13.06 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A. D50 (mm) A				FINES (%)				USC	DEPTH (ft)
				3000	4.75	60	200	20	40	60	80		
0.0			SAND - some gravel										0.0
			CLAY										
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC324		BOREHOLE No. SGC324	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 10.06m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEALED		ELEVATION - 13.06 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A. D50 (mm) A				FINES (%)				USC	DEPTH (ft)
				3000	4.75	60	200	20	40	60	80		
0.0			SAND - some gravel, assumed principal components, no sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC325		BOREHOLE No. SGC325	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.45m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.45 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A. 600 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	425	850	8500	20	40	60	80		
0.0			SAND - fine, assumed principal component, no sample recovery, trace sand on sample tube										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/27	
		LOGGED BY JPR KNU MAV		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC326		BOREHOLE No. SGC326	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.75m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.75 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A. 600 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	425	850	8500	20	40	60	80		
0.0			SAND - fine, assumed principal component, no sample recovery, trace sand on sample tube										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/27	
		LOGGED BY JPR KNU MAV		DWC NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC327		BOREHOLE No. SGC327	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.75m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.75 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 850 (mm) A				FINE (0.075 mm)				USC	DEPTH (m)	
				PLASTIC	MC	LIQUID	20	40	60	80	20			40
0.0			SAND - fine, assumed principal component, no sample recovery, trace sand on sample tube											0.0
			END OF GRAVITY CORE											
														-1.0
														-2.0
														-3.0
1.0														

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m		COMPLETE 83/07/27	
		LOGGED BY JFR KNU MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC328		BOREHOLE No. SGC328	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.60m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.60 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 850 (mm) A				FINE (0.075 mm)				USC	DEPTH (m)	
				PLASTIC	MC	LIQUID	20	40	60	80	20			40
0.0			GRAVEL - assumed principal component, no sample recovery											0.0
			END OF GRAVITY CORE											
														-1.0
														-2.0
														-3.0
1.0														

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m		COMPLETE 83/07/27	
		LOGGED BY JFR KNU MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC329		BOREHOLE No. ISGC329	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.60m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.60 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A				FINES (%)				USC	DEPTH (ft)
				2000	4300	8500	2000	20	40	60	80		
0.0			GRAVEL - some medium to coarse grained sand										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.9													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC330		BOREHOLE No. ISGC330	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.45m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.45 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A				FINES (%)				USC	DEPTH (ft)
				2000	4300	8500	2000	20	40	60	80		
0.0			GRAVEL - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.9													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC331		BOREHOLE No. ISGC331	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.45m		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.45 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 0.99 (mm) A				W PORES (%)				USC	DEPTH (m)
			2000	425	600	2000	20	40	60	80		
0.0		GRAVEL										0.0
		END OF GRAVITY CORE										
												1.0
												2.0
												3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC332		BOREHOLE No. ISGC332	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.99m		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.99 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 0.99 (mm) A				W PORES (%)				USC	DEPTH (m)
			2000	425	600	2000	20	40	60	80		
0.0		SAND - assumed principal component, no sample recovery										0.0
		END OF GRAVITY CORE										
												1.0
												2.0
												3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC333		BOREHOLE No. SGC333	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.99m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.99 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPUR SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A DCP (mm) A				REFINES (2) M				USC	DEPTH (m)
				3000	4500	6000	8000	20	40	60	80		
0.0			SAND - fine to medium grained										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.2													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 03/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC334		BOREHOLE No. SGC334	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.99m		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.99 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPUR SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A DCP (mm) A				REFINES (2) M				USC	DEPTH (m)
				3000	4500	6000	8000	20	40	60	80		
0.0			SAND - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.2													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 03/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC335		BOREHOLE No. ISGC335			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 9.14 (m)			
SAMPLE TYPE ☐ SHELLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION		A 1000 (mm) A 3000 1500 750 3000 PLASTIC MC LIQUID 20 40 60 80	W PMS (mm) W 20 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (m)
0.0		SAND - fine to coarse grained, gap graded					0.0
		END OF GRAVITY CORE					
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/27			
		LOGGED BY JPR KNU MAY		DWC NO.		Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC336		BOREHOLE No. ISGC336			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.84m		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.84 (m)			
SAMPLE TYPE ☐ SHELLY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION		A 1000 (mm) A 3000 1500 750 3000 PLASTIC MC LIQUID 20 40 60 80	W PMS (mm) W 20 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (m)
0.0		SAND - coarse grained					0.0
		END OF GRAVITY CORE					
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/27			
		LOGGED BY JPR KNU MAY		DWC NO.		Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC337		BOREHOLE No. ISGC337			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -0.14 (m)			
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION	A 600 (mm) A 3000 1500 750 3000 PLASTIC MC LIQUID		20 40 60 80 SAND (3) 20 GRAVEL (3) 20	USC	DEPTH (m)
0.0			SAND - assumed principal component, no sample recovery				0.0
		END OF GRAVITY CORE					-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 03/07/27			
		LOGGED BY JPR KNU MAY		DWC NO. Page 1 of 1			

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC338		BOREHOLE No. ISGC338			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.30m		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -0.30 (m)			
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION	A 600 (mm) A 3000 1500 750 3000 PLASTIC MC LIQUID		20 40 60 80 SAND (3) 20 GRAVEL (3) 20	USC	DEPTH (m)
0.0			SAND - fine to coarse grained, gap graded				0.0
		END OF GRAVITY CORE					-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 03/07/27			
		LOGGED BY JPR KNU MAY		DWC NO. Page 1 of 1			

SSSGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC340		BOREHOLE No. SGC340			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.15m		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.15 (m)			
SAMPLE TYPE		☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED		☐ PISTON CORE ☐ GRAVITY CORE			
DEPTH (m)	SAMPLE TYPE	SOIL DESCRIPTION				USC	DEPTH (ft)
SAMPLE NO		ADP (mm) 2000 4500 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80					
		IN PILES (cm) 20 40 60 80 SAND (cm) 20 40 60 80 GRAVEL (cm) 20 40 60 80					
0.0		SAND					0.0
		END OF GRAVITY CORE					
							-1.0
							-2.0
							-3.0
1.0							

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH •• m

LOGGED BY JFR KKL MAY

COMPLETE 83/07/27

DWG NO.

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC341		BOREHOLE No. ISGC341																																																																																																										
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 6.99m		Project No: EBA # K01-3888																																																																																																										
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEARED		ELEVATION -8.99 (m)																																																																																																										
SAMPLE TYPE		SHEDLEY TUBE		NO RECOVERY																																																																																																										
		SPLIT SPOON		DISTURBED																																																																																																										
		PISTON CORE		GRAVITY CORE																																																																																																										
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	1000 2000 3000 4000	5000 6000 7000 8000	9000 10000 11000 12000	13000 14000 15000 16000	17000 18000 19000 20000	21000 22000 23000 24000	25000 26000 27000 28000	29000 30000 31000 32000	33000 34000 35000 36000	37000 38000 39000 40000	41000 42000 43000 44000	45000 46000 47000 48000	49000 50000 51000 52000	53000 54000 55000 56000	57000 58000 59000 60000	61000 62000 63000 64000	65000 66000 67000 68000	69000 70000 71000 72000	73000 74000 75000 76000	77000 78000 79000 80000	81000 82000 83000 84000	85000 86000 87000 88000	89000 90000 91000 92000	93000 94000 95000 96000	97000 98000 99000 100000	101000 102000 103000 104000	105000 106000 107000 108000	109000 110000 111000 112000	113000 114000 115000 116000	117000 118000 119000 120000	121000 122000 123000 124000	125000 126000 127000 128000	129000 130000 131000 132000	133000 134000 135000 136000	137000 138000 139000 140000	141000 142000 143000 144000	145000 146000 147000 148000	149000 150000 151000 152000	153000 154000 155000 156000	157000 158000 159000 160000	161000 162000 163000 164000	165000 166000 167000 168000	169000 170000 171000 172000	173000 174000 175000 176000	177000 178000 179000 180000	181000 182000 183000 184000	185000 186000 187000 188000	189000 190000 191000 192000	193000 194000 195000 196000	197000 198000 199000 200000	201000 202000 203000 204000	205000 206000 207000 208000	209000 210000 211000 212000	213000 214000 215000 216000	217000 218000 219000 220000	221000 222000 223000 224000	225000 226000 227000 228000	229000 230000 231000 232000	233000 234000 235000 236000	237000 238000 239000 240000	241000 242000 243000 244000	245000 246000 247000 248000	249000 250000 251000 252000	253000 254000 255000 256000	257000 258000 259000 260000	261000 262000 263000 264000	265000 266000 267000 268000	269000 270000 271000 272000	273000 274000 275000 276000	277000 278000 279000 280000	281000 282000 283000 284000	285000 286000 287000 288000	289000 290000 291000 292000	293000 294000 295000 296000	297000 298000 299000 300000	301000 302000 303000 304000	305000 306000 307000 308000	309000 310000 311000 312000	313000 314000 315000 316000	317000 318000 319000 320000	321000 322000 323000 324000	325000 326000 327000 328000	329000 330000 331000 332000	333000 334000 335000 336000	337000 338000 339000 340000	341000 342000 343000 344000	345000 346000 347000 348000	349000 350000 351000 352000	353000 354000 355000 356000	357000 358000 359000 360000	361000 362000 363000 364000	365000 366000 367000 368000	369000 370000 371000 372000	373000 374000 375000 376000	377000 378000 379000 380000	381000 382000 383000 384000	385000 386000 387000 388000	389000 390000 391000 392000	393000 394000 395000 396000	397000 398000 399000 400000	401000 402000 403000 404000	405000 406000 407000 408000	409000 410000 411000 412000	413000 414000 415000 416000	417000 418000 419000 420000	421000 422000 423000 424000	425000 426000

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC342		BOREHOLE No. ISGC342		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.69m		Project No: EBA # 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.69 (m)		
SAMPLE TYPE	☐ SHELBY TUBE	☒ NO RECOVERY	☒ SPLIT SPOON	☐ GRABBER	☐ PISTON CORE	☐ GRAVITY CORE
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION		USC	
			A DSD (mm) A 200 150 100 50		PISTON (cm) 20 10 50 80	
			PLASTIC	M.C	LIQID	
			—●—			
			20	10	50	80
0.0			SAND - assumed principal component, no sample recovery			
			END OF GRAVITY CORE			
1.0						
2.0						
3.0						
EBA Engineering Consultants Ltd. Calgary, Alberta						
			COMPLETION DEPTH ** m		COMPLETE 83/07/27	
			LOGGED BY JPR KNU MAY		DWC NO.	
					Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC343		BOREHOLE No. ISGC343		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.84m		Project No: EBA / K01-3668		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEARED		ELEVATION - 8.84 (m)		
SAMPLE TYPE		☐ SHELBLY TUBE		☒ NO RECOVERY		
		☒ SPIRIT SPOON		☐ DISTURBED		
		☐ PISTON CORE		☐ GRAVITY CORE		
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION		USC	DEPTH (m)
			A 500 (mm) A 200D 4550 8550 9050 PLASTIC MC LIQUID 70 40 80 90			
0.0			SAND - assumed principal component, no sample recovery			0.0
			END OF GRAVITY CORE			
						-1.0
						-2.0
						-3.0
1.8						
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m		COMPLETE 83/07/27	
			LOGGED BY JPR KWI MAY		DWG NO.	
					Page 1 of 1	

ISSIGAK BORROW SITE			ORIGINAL BOREHOLE NO. GC344			BOREHOLE No. SGC344										
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 8.99m			Project No: EBA # 101-3668										
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEA BED			ELEVATION - 8.99 (m)										
SAMPLE TYPE			☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED			☐ PISTON CORE ☐ GRAVITY CORE										
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION				A 800 (mm) A 800 450 300 800 PLASTIC MC LIQUID 20 40 60 80				20 40 60 80 20 40 60 80 20 40 60 80				USC	DEPTH (m)
0.0			SAND - assumed principal component,] no sample recovery													0.0
			END OF GRAVITY CORE													
1.0																1.0
2.0																2.0
3.0																3.0
4.0																4.0
5.0																5.0
6.0																6.0
7.0																7.0
8.0																8.0
9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
13.0																13.0
14.0																14.0
15.0																15.0
16.0																16.0
17.0																17.0
18.0																18.0
19.0																19.0
20.0																20.0
21.0																21.0
22.0																22.0
23.0																23.0
24.0																24.0
25.0																25.0
26.0																26.0
27.0																27.0
28.0																28.0
29.0																29.0
30.0																30.0
31.0																31.0
32.0																32.0
33.0																33.0
34.0																34.0
35.0																35.0
36.0																36.0
37.0																37.0
38.0																38.0
39.0																39.0
40.0																40.0
41.0																41.0
42.0																42.0
43.0																43.0
44.0																44.0
45.0																45.0
46.0																46.0
47.0																47.0
48.0																48.0
49.0																49.0
50.0																50.0
51.0																51.0
52.0																52.0
53.0																

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC345		BOREHOLE No. ISGC345	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.14m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -0.14 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A				FINES (%)				USC	DEPTH (m)
			2000	750	600	400	20	40	60	80		
0.0		SAND - assumed principal component, no sample recovery										0.0
		END OF GRAVITY CORE										
												-1.0
												-2.0
												-3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 03/07/27	
		LOGGED BY JPR KWI MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC346		BOREHOLE No. ISGC346	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.99m		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -0.99 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A				FINES (%)				USC	DEPTH (m)
			2000	750	600	400	20	40	60	80		
0.0		SAND - assumed principal component, no sample recovery, trace sand on sample tube										0.0
		END OF GRAVITY CORE										
												-1.0
												-2.0
												-3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 03/07/27	
		LOGGED BY JPR KWI MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC147		BOREHOLE No. ISGC347	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.99m		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.99 (m)	
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 500 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4500	8000	20	40	60		
0.0			SAND - assumed principal component, no sample recovery, trace sand on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC348		BOREHOLE No. ISGC348	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.84m		Project No: EBA # 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.84 (m)	
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 500 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4500	8000	20	40	60		
0.0			SAND - assumed principal component, no sample recovery, trace sand on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

HSSGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC351		BOREHOLE No. ISGC351	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.30 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ 100% RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (ft)
0.0			SAND - assumed principal component, no sample recovery, trace sand on sample tube		0.0
			END OF GRAVITY CORE		
1.0					1.0
2.0					2.0
3.0					3.0
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m COMPLETE 83/07/27 LOGGED BY JPR KWI MAY DWG NO. Page 1 of 1		

HSSGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC352		BOREHOLE No. ISGC352	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.00m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 9.00 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ 100% RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (ft)
0.0			SAND - assumed principal component, no sample recovery		0.0
			END OF GRAVITY CORE		
1.0					1.0
2.0					2.0
3.0					3.0
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m COMPLETE 83/07/27 LOGGED BY JPR KWI MAY DWG NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC353		BOREHOLE No. SGC353			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.90m (approximately)		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.90 (m)			
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D 99 (mm) A 2000 4500 6500 8000 PLASTIC M.C. LIQUID 20 40 60 80	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0			SAND - assumed principal component, no sample recovery, trace sand on sample tube				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.9							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m		COMPLETE 83/07/27		
			LOGGED BY JPR KMW MAY		DWC NO.		
					Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC354		BOREHOLE No. SGC354			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.70 (m)			
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D 99 (mm) A 2000 4500 6500 8000 PLASTIC M.C. LIQUID 20 40 60 80	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0			SAND - assumed principal component, no sample recovery, trace sand on sample tube				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.9							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m		COMPLETE 83/07/27		
			LOGGED BY JPR KMW MAY		DWC NO.		
					Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC355		BOREHOLE No. ISGC355	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☒ SHALLOW TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 250 (mm) A			FINES (%)			USC	DEPTH (m)
				2500	4500	6500	20	40	60		
0.0			SAND - assumed principal component, no sample recovery, trace sand on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KNU NAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC358		BOREHOLE No. ISGC356	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.20m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.20 (m)	
SAMPLE TYPE ☒ SHALLOW TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 250 (mm) A			FINES (%)			USC	DEPTH (m)
				2500	4500	6500	20	40	60		
0.0			SAND - assumed principal component, no sample recovery, trace sand on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KNU NAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC359		BOREHOLE No. SGC359	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.00m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.00 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A				FINES (%)				USC	DEPTH (m)
				3000	4500	6500	8000	20	40	60	80		
0.0			SAND AND GRAVEL - 75mm maximum size										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JFR KMW MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC380		BOREHOLE No. SGC360	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.00m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.00 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A				FINES (%)				USC	DEPTH (m)
				3000	4500	6500	8000	20	40	60	80		
0.0			SAND - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JFR KMW MAY		DWG NO.	Page 1 of 1

[illegible]

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC357		BOREHOLE No. ISGC357	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			PI PMS (2) M			USC	DEPTH (m)
				2000	4500	8500	20	40	80		
0.0			SAND - assumed principal component, no sample recovery, trace sand on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.8											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JFR KXJ MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC358		BOREHOLE No. ISGC358	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.90m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.90 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A D50 (mm) A			PI PMS (2) M			USC	DEPTH (m)
				2000	4500	8500	20	40	80		
0.0			SAND - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JFR KXJ MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC362		BOREHOLE No. KGC362	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.50m (approximately)		Project No: EBA / K01-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEARED		ELEVATION -9.50 (m)	
SAMPLE TYPE		☒ SHIELD TUBE		☒ NO RECOVERY	
		☒ SPLIT SPOON		☐ DISTURBED	
		☐ PISTON CORE		☐ GRAVITY CORE	
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION		USC	
		A 200 (wt) A 200 400 600 800 PLASTIC M.C. LIQUID 20 40 60 80		20 40 60 80 P.W.S. (wt) W 20 40 60 80 S.H.D. (wt) W 20 40 60 80 G.R.A.S.L. (wt) W	
0.0		CLAY - no sample recovery			0.0
		END OF GRAVITY CORE			
					1.0
					2.0
					3.0
1.4					

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH •• m

LOGGED BY JPR KMI MAY

COMPLETE 83/07/27

DWG NO.

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC363		BOREHOLE No. ISGC363	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.10m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.10 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 600 (mm) A			W PIES (mm)			USC	DEPTH (m)
				2000	4000	6000	20	40	60		
0.0			CLAY - trace gravel								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH -- m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC364		BOREHOLE No. ISGC364	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.80m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.80 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 600 (mm) A			W PIES (mm)			USC	DEPTH (m)
				2000	4000	6000	20	40	60		
0.0			CLAY - assumed principal component, no sample recovery, clay on outside of sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH -- m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC365		BOREHOLE No. SGC365			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.80m (approximately)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)			
SAMPLE TYPE ☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 0.99 (mm) A 1000 4500 8500 8000 PLASTIC M.C. LIQUID 20 40 60 80	W.P. (mm) 20 40 60 80 20 40 60 80 SAND 20 40 60 80 GRAVEL 20 40 60 80	USC	DEPTH (m)
0.0			SAND - assumed principal component, no sample recovery, trace sand on sample tube				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 85/07/27		
			LOGGED BY JPR KNU MAY		DWC NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC366		BOREHOLE No. SGC366			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.80m (approximately)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)			
SAMPLE TYPE ☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 0.99 (mm) A 1000 4500 8500 8000 PLASTIC M.C. LIQUID 20 40 60 80	W.P. (mm) 20 40 60 80 20 40 60 80 SAND 20 40 60 80 GRAVEL 20 40 60 80	USC	DEPTH (m)
0.0			SAND - assumed principal component, no sample recovery, trace sand on sample tube				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 85/07/27		
			LOGGED BY JPR KNU MAY		DWC NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC367		BOREHOLE No. ISGC367	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.40m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.40 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A BDD (wt%) A BDD			FINES (%)			USC	DEPTH (m)
				2000	425	75	20	40	60		
0.0			SAND - assumed principal component, no sample recovery, trace sand on sample tube								0.0
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC368		BOREHOLE No. ISGC368	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.50 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A BDD (wt%) A BDD			FINES (%)			USC	DEPTH (m)
				2000	425	75	20	40	60		
0.0			SAND - fine grained, assumed principal component, no sample recovery, trace sand on sample tube								0.0
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC369		BOREHOLE No. ISGC369	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No. BA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEAED		ELEVATION - 8.30 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 600 (mm) A			PIES (%)			USC	DEPTH (m)
				2000	4500	6000	20	40	60		
0.0			SAND - fine grained, assumed principal component, no sample recovery, trace sand on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JFR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC370		BOREHOLE No. ISGC370	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No. BA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEAED		ELEVATION - 8.30 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 600 (mm) A			PIES (%)			USC	DEPTH (m)
				2000	4500	6000	20	40	60		
0.0			SAND - fine grained, assumed principal component, no sample recovery, trace sand on sample tube								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JFR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC371		BOREHOLE No. ISGC371		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.20m (approximately)		Project No: BA / 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.20 (m)		
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 0.50 (mm) A 2500 2000 1500 1000 PLASTIC M.C. LIQUID 70 40 60 80	25 50 75 100 FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%)	USC	DEPTH (m)
0.0		SAND - trace clay				0.0
		END OF GRAVITY CORE				
						1.0
						2.0
						3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m		COMPLETE 83/07/27		
		LOGGED BY JFR KNU MAY		DWG NO.		
				Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC372		BOREHOLE No. ISGC372		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: BA / 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.10 (m)		
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 0.50 (mm) A 2500 2000 1500 1000 PLASTIC M.C. LIQUID 70 40 60 80	25 50 75 100 FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%)	USC	DEPTH (m)
0.0		SAND - fine to medium grained, assumed principal component, no sample recovery, trace sand on sample tube				0.0
		END OF GRAVITY CORE				
						1.0
						2.0
						3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m		COMPLETE 83/07/27		
		LOGGED BY JFR KNU MAY		DWG NO.		
				Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC373		BOREHOLE No. SGC373	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No. BA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 600 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	6000	20	40	60		
0.0			SAND - fine to medium grained, assumed principal component, no sample recovery, trace sand on sample tube								0.0
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH - - m	COMPLETE 03/07/27
		LOGGED BY JPR KNU MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC374		BOREHOLE No. SGC374	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.00m (approximately)		Project No. BA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.00 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 600 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4000	6000	20	40	60		
0.0			SAND - fine grained, assumed principal component, no sample recovery, trace sand on sample tube								0.0
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH - - m	COMPLETE 03/07/27
		LOGGED BY JPR KNU MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC375		BOREHOLE No. ISGC375	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.90m (approximately)		Project No. BA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.90 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (ft)
0.0			SAND - fine grained, assumed principal component, no sample recovery, trace sand on sample tube		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m COMPLETE 83/07/27 LOGGED BY JPR KNU MAY DNG NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC376		BOREHOLE No. ISGC376	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.70m (approximately)		Project No. BA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.70 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (ft)
0.0			SAND - fine to medium grained, assumed principal component, no sample recovery, trace sand on sample tube		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m COMPLETE 83/07/27 LOGGED BY JPR KNU MAY DNG NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC377		BOREHOLE No. ISGC377	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.60m (approximately)		Project No: JBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.60 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.D. (mm)				FINES (%)				USC	DEPTH (m)
				2000	600	425	250	20	40	60	80		
0.0			SAND - assumed principal component, no sample recovery, trace sand on sample tube										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC378		BOREHOLE No. ISGC378	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.60m (approximately)		Project No: JBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.60 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.D. (mm)				FINES (%)				USC	DEPTH (m)
				2000	600	425	250	20	40	60	80		
0.0			SAND - fine grained, assumed principal component, no sample recovery, trace sand on sample tube										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/27
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC379		BOREHOLE No. ISGC379	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.70m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.70 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A				FINES (TO #)				USC	DEPTH (m)
				2000	4500	6500	8000	20	40	60	80		
0.0			SAND - fine to medium grained, assumed principal component, no sample recovery, trace sand on sample tube END OF GRAVITY CORE	PLASTIC 20 40 60 80	M.C. 20 40 60 80	LIQUID 20 40 60 80	20 40 60 80	20 40 60 80	20 40 60 80	20 40 60 80	20 40 60 80		0.0
													1.0
													2.0
													3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KJW MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC380		BOREHOLE No. ISGC380	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.70m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.70 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A				FINES (TO #)				USC	DEPTH (m)
				2000	4500	6500	8000	20	40	60	80		
0.0			SAND - assumed principal component, no sample recovery, trace sand on sample tube END OF GRAVITY CORE	PLASTIC 20 40 60 80	M.C. 20 40 60 80	LIQUID 20 40 60 80	20 40 60 80	20 40 60 80	20 40 60 80	20 40 60 80	20 40 60 80		0.0
													1.0
													2.0
													3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KJW MAY	DWG NO.	Page 1 of 1	

ISSIAK BORROW SITE		ORIGINAL BOREHOLE NO. GC381		BOREHOLE No. SGC381	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPUR SPOON ☐ DISBURSED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			SAND AND CLAY - assumed principal components, no sample recovery, material on sample tube		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ++ m	COMPLETE 83/07/27	
			LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1

ISSIAK BORROW SITE		ORIGINAL BOREHOLE NO. GC382		BOREHOLE No. SGC382	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPUR SPOON ☐ DISBURSED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			SAND - fine to medium grained, assumed principal component, no sample recovery, trace sand on sample tube		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ++ m	COMPLETE 83/07/27	
			LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1

KESIGAK BORROW SITE			ORIGINAL BOREHOLE NO. GC383			BOREHOLE No. ISGC383					
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 7.80m (approximately)			Project No: EBA # 101-3888					
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEARED			ELEVATION -7.80 (m)					
SAMPLE TYPE			☐ SHIELBY TUBE ☒ HD RECOVERY ☒ SPLAT SPOON ☐ DISTURBED			☒ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION			A 500 (mm) A 2000 4550 6050 8000 PLASTIC M.C. LIQUID 70 40 80 80 20 40 80 80 20 40 80 80				USC	DEPTH (ft)
0.0			SAND - fine grained, assumed principal component, no sample recovery, trace of sand on sample tube. END OF GRAVITY CORE								0.0
1.8											1.8
2.0											2.0
3.0											3.0

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH •• m

LOGGED BY JFR KWI WAY

COMPLETE 83/07/27

DWG NO.

Page 1 of 1

JSSIGAK BORROW SITE						ORIGINAL BOREHOLE NO. GC384							BOREHOLE No. ISGC384								
ESSO RESOURCES CANADA LTD.						WATER DEPTH - 8.00m (approximately)							Project No: EBA / 101-3868								
DRILL SHIP - M.V. FRANK BRODERICK						DEPTHS ARE REFERENCED TO SEABED							ELEVATION -8.00 (m)								
SAMPLE TYPE						☐ SHELBY TUBE	☒ NO RECOVERY	☒ SPIN SPOON	☐ DISTURBED	☐	☐ PISTON CORE	☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A TEST (mm) A 200 600 850 1000				FINE FRACTION (%) SAND SILT CLAY				USC	DEPTH (ft)								
				PLASTIC	N.C.	LIQUID	20	40	60	80	100										
				20	40	60	80	100	20	40	60	80									
				20	40	60	80	100	20	40	60	80									
0.0			SAND - fine grained, assumed principal component, no sample recovery, trace of sand on sample tube. END OF GRAVITY CORE																		
1.0																					

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC385		BOREHOLE No. SGC385	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4500	8500	20	40	60		
0.0			SAND - fine grained, assumed principal component, no sample recovery, trace of sand on sample tube.								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 03/07/27
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC386		BOREHOLE No. SGC386	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4500	8500	20	40	60		
0.0			SAND - fine to medium grained, assumed principal component, no sample recovery, trace sand on tube.								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 03/07/27
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC387		BOREHOLE No. ISGC387	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	425	850	2000	20	40	60	80		
0.0			SAND - fine grained, assumed principal component, no sample recovery, trace of sand on sample tube.										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC388		BOREHOLE No. ISGC388	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	425	850	2000	20	40	60	80		
0.0			SAND - fine to medium grained.										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/27
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC389		BOREHOLE No. ISGC389			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.20m (approximately)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.20 (m)			
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A 1800 4500 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	IN FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0			SAND AND CLAY - assumed principal components, no sample recovery, materials on sample tube.				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.8							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m		COMPLETE 83/07/27		
			LOGGED BY JPR KNU MAY		DWC NO.		
					Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC390		BOREHOLE No. ISGC390			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.30 (m)			
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A 1800 4500 6000 8000 PLASTIC M.C. LIQUID 20 40 60 80	IN FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0			SAND - fine grained, assumed principal component, no sample recovery, sand on sample tube.				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m		COMPLETE 83/07/27		
			LOGGED BY JPR KNU MAY		DWC NO.		
					Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC391		BOREHOLE No. ISGC391			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)			
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 950 (mm) A 3000 4500 6000 8000 PLASTIC MC LIQUID 20 40 60 80	W/FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (ft)
0.0			SAND - fine grained, uniformly graded				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m		COMPLETE 83/07/28		
			LOGGED BY JPR KWI MAY		DWG NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC392		BOREHOLE No. ISGC392			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA # 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)			
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 950 (mm) A 3000 4500 6000 8000 PLASTIC MC LIQUID 20 40 60 80	W/FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (ft)
0.0			SAND - fine grained, uniformly graded.				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m		COMPLETE 83/07/28		
			LOGGED BY JPR KWI MAY		DWG NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC393		BOREHOLE No. ISGC393	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.40m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.40 (m)	
SAMPLE TYPE ☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A				B FINES (75 µm)				USC	DEPTH (m)
			2000	4300	6300	8300	20	40	60	80		
0.0		SAND - fine to medium grained, uniformly graded.										0.0
		END OF GRAVITY CORE										
												-1.0
												-2.0
												-3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/28
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC394		BOREHOLE No. ISGC394	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.30 (m)	
SAMPLE TYPE ☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A				B FINES (75 µm)				USC	DEPTH (m)
			2000	4300	6300	8300	20	40	60	80		
0.0		SAND - assumed principal component, no sample recovery.										0.0
		END OF GRAVITY CORE										
												-1.0
												-2.0
												-3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/28
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC395		BOREHOLE No. ISGC395	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S. (mm) ϕ				FINES (%)				USC	DEPTH (ft)
				2000	425	850	2000	20	40	60	80		
0.0			SAND - assumed principal component, no sample recovery.										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/28	
LOGGED BY JPR KNU MAY		DWC NO.		Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC396		BOREHOLE No. ISGC396	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.30 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S. (mm) ϕ				FINES (%)				USC	DEPTH (ft)
				2000	425	850	2000	20	40	60	80		
0.0			SAND - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/28	
LOGGED BY JPR KNU MAY		DWC NO.		Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC397		BOREHOLE No. ISGC397	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.50 (m)	
SAMPLE TYPE ☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 990 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	425	600	800	20	40	60	80		
0.0			SAND - fine grained										0.0
			END OF GRAVITY CORE										
													-1.8
													-2.0
													-3.0
1.8													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 85/07/28
LOGGED BY JPR KWI MAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC398		BOREHOLE No. ISGC398	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.50 (m)	
SAMPLE TYPE ☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 990 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	425	600	800	20	40	60	80		
0.0			SAND - fine, assumed principal component, no sample recovery, sand on sample tube										0.0
			END OF GRAVITY CORE										
													-1.8
													-2.0
													-3.0
1.8													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 85/07/28
LOGGED BY JPR KWI MAV		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC399		BOREHOLE No. ISGC399	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 1000 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	4000	6000	8000	20	40	60	80		
0.0			SAND - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/28
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC400		BOREHOLE No. ISGC400	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 1000 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	4000	6000	8000	20	40	60	80		
0.0			SAND - assumed principal component, no sample recovery, sand on sample tube										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/28
LOGGED BY JPR KNU MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC101		BOREHOLE No. ISGC401		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA / 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.60 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION	A 500 (mm) A 500 500 500 500 PLASTIC MC LIQUID 20 40 60 80	20 40 60 80 20 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (m)
0.0		SAND - fine to medium grained				0.0
		CLAY				-1.0
		END OF GRAVITY CORE				-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m		COMPLETE 83/07/28		
		LOGGED BY JPR KKL MAY		DWC NO.		
				Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC102		BOREHOLE No. ISGC402		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA / 101-3868		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.60 (m)		
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO.	SOIL DESCRIPTION	A 500 (mm) A 500 500 500 500 PLASTIC MC LIQUID 20 40 60 80	20 40 60 80 20 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (m)
0.0		CLAY - sandy				0.0
		END OF GRAVITY CORE				-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m		COMPLETE 83/07/28		
		LOGGED BY JPR KKL MAY		DWC NO.		
				Page 1 of 1		

[illegible][illegible]

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC405		BOREHOLE No. ISGC405			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.70 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 0.50 (mm) A 2000 4300 8500 8500 PLASTIC M.C. LIQUID 20 40 60 80	W/FINES (%)# 20 40 60 80 SAND (%)# 20 40 60 80 GRAVEL (%)# 20 40 60 80	USC	DEPTH (ft)
0.0			SAND - fine to medium grained				0.0
			END OF GRAVITY CORE				
							1.0
							2.0
							3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 83/07/28		
			LOGGED BY JFR KNU MAY		DWG NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC406		BOREHOLE No. ISGC406			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.70 (m)			
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 0.50 (mm) A 2000 4300 8500 8500 PLASTIC M.C. LIQUID 20 40 60 80	W/FINES (%)# 20 40 60 80 SAND (%)# 20 40 60 80 GRAVEL (%)# 20 40 60 80	USC	DEPTH (ft)
0.0			SAND - fine grained, uniformly graded				0.0
			END OF GRAVITY CORE				
							1.0
							2.0
							3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 83/07/28		
			LOGGED BY JFR KNU MAY		DWG NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC407		BOREHOLE No. SGC407			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)			
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A 2000 4500 8500 8500 PLASTIC M.C. LIQUID 20 40 60 80	FINES (0.075 mm) % 20 40 60 80 SAND (0.075 mm) % 20 40 60 80 GRAVEL (2.0 mm) % 20 40 60 80	USC	DEPTH (m)
0.0			CLAY - sandy, assumed principal component, no sample recovery				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 83/07/28		
			LOGGED BY JPR KWI MAY		DWC NO.		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC408		BOREHOLE No. SGC408			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.70m (approximately)		Project No: EBA / 101-3868			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.70 (m)			
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A 2000 4500 8500 8500 PLASTIC M.C. LIQUID 20 40 60 80	FINES (0.075 mm) % 20 40 60 80 SAND (0.075 mm) % 20 40 60 80 GRAVEL (2.0 mm) % 20 40 60 80	USC	DEPTH (m)
0.0			SAND - trace silt, fine to medium grained				0.0
			END OF GRAVITY CORE				
							-1.0
							-2.0
							-3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 83/07/28		
			LOGGED BY JPR KWI MAY		DWC NO.		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC409		BOREHOLE No. SGC409	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.60m (approximately)		Project No: EBA # 101-3888	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.60 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			SAND - fine to medium grained		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m	COMPLETE 83/07/28	
			LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC410		BOREHOLE No. SGC410	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.60m (approximately)		Project No: EBA # 101-3888	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.60 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (m)
0.0			SAND AND GRAVEL - trace silt, gravel decreasing with depth		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m	COMPLETE 83/07/28	
			LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1

ISSIKAK BORROW SITE		ORIGINAL BOREHOLE NO. GC411		BOREHOLE No. ISGC411		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.60m (approximately)		Project No: EBA / 101-3668		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 7.60 (m)		
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A BOD (mm) A 2000 1000 500 200 PLASTIC M.C. LIQUID 20 40 60 80	FINES (0.075 mm) % 20 40 60 80 SAND (0.075 - 4.75 mm) % 20 40 60 80 GRAVEL (4.75 - 75 mm) % 20 40 60 80	USC	DEPTH (m)
0.0		SAND - trace silt, fine to medium grained				0.0
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m		COMPLETE 03/07/28	
			LOGGED BY JFR KNU MAY		DWG NO. Page 1 of 1	

ISSIKAK BORROW SITE		ORIGINAL BOREHOLE NO. GC412		BOREHOLE No. ISGC412		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.80m (approximately)		Project No: EBA / 101-3668		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.80 (m)		
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A BOD (mm) A 2000 1000 500 200 PLASTIC M.C. LIQUID 20 40 60 80	FINES (0.075 mm) % 20 40 60 80 SAND (0.075 - 4.75 mm) % 20 40 60 80 GRAVEL (4.75 - 75 mm) % 20 40 60 80	USC	DEPTH (m)
0.0		SAND - trace silt, fine to medium grained				0.0
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH •• m		COMPLETE 03/07/28	
			LOGGED BY JFR KNU MAY		DWG NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC413		BOREHOLE No. ISGC413	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.70 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.P.C. (mm) A			FINES (%)			USC	DEPTH (m)
				2000	425	600	20	40	60		
0.0			SAND - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.8											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/28
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC414		BOREHOLE No. ISGC414	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.P.C. (mm) A			FINES (%)			USC	DEPTH (m)
				2000	425	600	20	40	60		
0.0			SAND - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.8											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 03/07/28
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC415		BOREHOLE No. ISGC415		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3668		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.70 (m)		
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A.D.S. (mm) 2000 4500 8500 2000 PLASTIC M.C. LIQUID 30 40 60 80	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0		SAND - trace silt, fine to medium grained				0.0
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH .. m		COMPLETE 83/07/28	
			LOGGED BY JPR KNU MAY		DWG NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC416		BOREHOLE No. ISGC416		
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA / 101-3668		
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.70 (m)		
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE						
DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A.D.S. (mm) 2000 4500 8500 2000 PLASTIC M.C. LIQUID 30 40 60 80	FINES (%) 20 40 60 80 SAND (%) 20 40 60 80 GRAVEL (%) 20 40 60 80	USC	DEPTH (m)
0.0		SAND - trace silt, fine grained				0.0
		END OF GRAVITY CORE				
						-1.0
						-2.0
						-3.0
1.0						
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH .. m		COMPLETE 83/07/28	
			LOGGED BY JPR KNU MAY		DWG NO. Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC417		BOREHOLE No. SGC417	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A GSD (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4250	6000	20	40	60		
0.0			SAND - trace silt, fine grained, uniformly graded								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/28
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC418		BOREHOLE No. SGC418	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.50 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A GSD (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4250	6000	20	40	60		
0.0			SAND - fine grained								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 83/07/28
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC419		BOREHOLE No. SGC419	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.00m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.00 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (ft)
0.0			SAND - fine grained		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m COMPLETE 83/07/28 LOGGED BY JPR KNU MAY DNG NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC420		BOREHOLE No. SGC420	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.70m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 7.70 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (ft)
0.0			SAND - assumed principal component, no sample recovery		0.0
			END OF GRAVITY CORE		
					-1.0
					-2.0
					-3.0
1.0					
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m COMPLETE 83/07/28 LOGGED BY JPR KNU MAY DNG NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC423		BOREHOLE No. ISGC423	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.10m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.10 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A				IN FINES (20 μ)				USC	DEPTH (ft)	
				2000	1500	1000	500	20	40	60	80			20
0.0			SAND - trace silt, fine grained											0.0
			END OF GRAVITY CORE											
														1.0
														2.0
														3.0
1.0														

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/28	
		LOGGED BY JFR KNI MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC424		BOREHOLE No. ISGC424	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.80m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -7.80 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 650 (mm) A				IN FINES (20 μ)				USC	DEPTH (ft)	
				2000	1500	1000	500	20	40	60	80			20
0.0			SAND - assumed principal component, no sample recovery											0.0
			END OF GRAVITY CORE											
														1.0
														2.0
														3.0
1.0														

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 83/07/28	
		LOGGED BY JFR KNI MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC126		BOREHOLE No. SGC426									
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 7.90m (approximately)		Project No: EBA / 101-3858									
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 7.90 (m)									
SAMPLE TYPE		☒ SHOULDER TUBE		☒ NO RECOVERY									
		☒ SPLIT SPOON		☐ DISTURBED									
		☐ PISTON CORE		☐ GRAVITY CORE									
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D. (mm) &				WET (g) &				USC	DEPTH (m)
				2000	5000	10000	20000	20	50	100	200		
				PLASTIC M.C. LIQUID				☐ SAND (10) ☐ ☐ ☐ ☐ SAND (10) ☐ ☐ ☐ ☐ GRAVEL (10) ☐ ☐ ☐					
0.0			SAND - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
1.0													1.0
2.0													2.0
3.0													3.0

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH *** m

LOGGED BY JPR KNU MAY

COMPLETE 03/07/28

DWG NO.

Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC427		BOREHOLE No. ISGC427	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 6.00m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.00 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S.D. (mm) A			FINES (%)			USC	DEPTH (m)
				2000	500	50	20	40	60		
0.0			SAND - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.8											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/28
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC428		BOREHOLE No. ISGC428	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.20m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.20 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S.D. (mm) A			FINES (%)			USC	DEPTH (m)
				2000	500	50	20	40	60		
0.0			SAND - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.8											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/28
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC429		BOREHOLE No. SGC429	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.30m (approximately)		Project No. EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.30 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 100 (mm) A			W FINES (%)			USC	DEPTH (m)
				2000	1500	1000	20	40	60		
0.0			SAND - fine								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/28
		LOGGED BY JFR KNU MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC430		BOREHOLE No. SGC430	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.40m (approximately)		Project No. EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.40 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 100 (mm) A			W FINES (%)			USC	DEPTH (m)
				2000	1500	1000	20	40	60		
0.0			SAND - gravelly								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/28
		LOGGED BY JFR KNU MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC431		BOREHOLE No. SGC431	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.40m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.40 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.D. 50 (mm) A				FINES (CO) %				USC	DEPTH (m)
				2000	4000	6000	8000	20	40	60	80		
0.0			SAND - trace gravel, fine to medium grained										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/28
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC432		BOREHOLE No. SGC432	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.40m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.40 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A.D. 50 (mm) A				FINES (CO) %				USC	DEPTH (m)
				2000	4000	6000	8000	20	40	60	80		
0.0			SAND - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/28
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC433		BOREHOLE No. ISGC433	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.50 (m)	
SAMPLE TYPE ☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 250 (mm) A				PIPING (%)				USC	DEPTH (m)
				2000	4.500	8.500	8.500	20	40	60	80		
0.0			SAND - assumed principal component, no sample recovery										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.8													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 03/07/28	
		LOGGED BY JPR KWI MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC434		BOREHOLE No. ISGC434	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEA BED		ELEVATION -8.60 (m)	
SAMPLE TYPE ☐ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 250 (mm) A				PIPING (%)				USC	DEPTH (m)
				2000	4.500	8.500	8.500	20	40	60	80		
0.0			SAND - trace silt, fine to medium grained										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.8													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m		COMPLETE 03/07/28	
		LOGGED BY JPR KWI MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC435		BOREHOLE No. ISGC435			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA # 101-3888			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.50 (m)			
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 1000 (mm) A 3000 2000 1000 0000 PLASTIC M.C. LIQUID 20 40 60 80	# FINES (%) 20 40 60 80 SAND (%) GRAVEL (%)	USC	DEPTH (m)
0.0			SAND - some gravel				0.0
			END OF GRAVITY CORE				
							1.0
							2.0
							3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 83/07/28		
			LOGGED BY JPR KNU MAV		DWC NO.		
					Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC436		BOREHOLE No. ISGC436			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.40m (approximately)		Project No: EBA # 101-3888			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.40 (m)			
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 1000 (mm) A 3000 2000 1000 0000 PLASTIC M.C. LIQUID 20 40 60 80	# FINES (%) 20 40 60 80 SAND (%) GRAVEL (%)	USC	DEPTH (m)
0.0			SAND - some gravel				0.0
			END OF GRAVITY CORE				
							1.0
							2.0
							3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH ** m		COMPLETE 83/07/28		
			LOGGED BY JPR KNU MAV		DWC NO.		
					Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC437		BOREHOLE No. ISGC437	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.50m (approximately)		Project No: EBA # 101-3888	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.50 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S. (mm) A				FINES (%)				USC	DEPTH (m)
				2000	425	100	60	20	40	60	80		
0.0			SAND - some gravel										0.0
			END OF GRAVITY CORE										
													1.0
													2.0
													3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.2 m	COMPLETE 83/07/28
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC438		BOREHOLE No. ISGC438	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA # 101-3888	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.60 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S. (mm) A				FINES (%)				USC	DEPTH (m)
				2000	425	100	60	20	40	60	80		
0.0			SAND AND GRAVEL										0.0
			CLAY										
			END OF GRAVITY CORE										1.0
													2.0
													3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.2 m	COMPLETE 83/07/28
LOGGED BY JPR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC439		BOREHOLE No. ISGC439	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.60m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.60 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A				PIES (20 mm)				USC	DEPTH (m)
			3000	4500	6000	8000	20	40	60	80		
0.0		SAND - gravelly, trace silt										0.0
		END OF GRAVITY CORE										
												1.0
												2.0
												3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/28
LOGGED BY JFR KWI MAY		DWG NO.	Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC440		BOREHOLE No. ISGC440	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.70m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.70 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A				PIES (20 mm)				USC	DEPTH (m)
			3000	4500	6000	8000	20	40	60	80		
0.0		SAND - assumed principal component, no sample recovery										0.0
		END OF GRAVITY CORE										
												1.0
												2.0
												3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/28
LOGGED BY JFR KWI MAY		DWG NO.	Page 1 of 1

ISSAGAK BORROW SITE			ORIGINAL BOREHOLE NO. GC441		BOREHOLE No. SGC441	
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 8.90m (approximately)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.90 (m)	
SAMPLE TYPE	☐ SHOULDER TUBE	☒ NO RECOVERY	☒ SPLIT SPOON	☐ DISTURBED	☐ PISTON CORE	☐ GRAVITY CORE
DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION		USC	
0.0			SAND - some gravel, trace silt, fine to medium grained			
			END OF GRAVITY CORE			
1.0						
2.0						
3.0						

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH •• m COMPLETE 83/07/28
LOGGED BY JFR KKI MAY DNC NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC442		BOREHOLE No. ISGC442	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.90m (approximately)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION - 8.90 (m)	
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISBURSED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	ASTM D 1556 (mm) A		MOISTURE (%)			USC	DEPTH (ft)
				2000	4.75	20	40	60		
0.0			SAND - trace silt and gravel, fine to medium grained							0.0
			END OF GRAVITY CORE							
1.0										1.0
2.0										2.0
3.0										3.0

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m	COMPLETE 63/07/26
		LOGGED BY JPR KWI MAY	DWG NO. Page 1 of 1

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC143		BOREHOLE No. ISGC443	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.80m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.80 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	ADDITIONAL A				WETNESS (%)				USC	DEPTH (m)
			PLASTIC	M.C.	LIQUID							
0.0		SAND - assumed principal component, no sample recovery										0.0
		END OF GRAVITY CORE										
												1.0
												2.0
												3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 85/07/28
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC144		BOREHOLE No. ISGC444	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.80m (approximately)		Project No: EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.80 (m)	
SAMPLE TYPE ☒ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	ADDITIONAL A				WETNESS (%)				USC	DEPTH (m)
			PLASTIC	M.C.	LIQUID							
0.0		SAND - trace silt, fine to medium grained										0.0
		END OF GRAVITY CORE										
												1.0
												2.0
												3.0
1.0												

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 85/07/28
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC445		BOREHOLE No. ISGC445	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.90m (approximately)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.90 (m)	
SAMPLE TYPE ☒ SHOULDER TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 200 (mm) A				W FINES (20) M				USC	DEPTH (m)
				2000	1500	1000	500	20	40	60	80		
0.0			SAND - silty										0.0
			CLAY										
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.8													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m		COMPLETE 03/07/28	
		LOGGED BY JPR KWI MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC446		BOREHOLE No. ISGC446	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.90m (approximately)		Project No: EBA / 101-3668	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.90 (m)	
SAMPLE TYPE ☒ SHOULDER TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 200 (mm) A				W FINES (20) M				USC	DEPTH (m)
				2000	1500	1000	500	20	40	60	80		
0.0			SAND AND GRAVEL - trace sil, gravel content decreasing with depth										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.8													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH •• m		COMPLETE 03/07/28	
		LOGGED BY JPR KWI MAY		DWC NO.	
				Page 1 of 1	

ISSIGAK BORROW SITE			ORIGINAL BOREHOLE NO. GC447			BOREHOLE No. ISGC447										
ESSO RESOURCES CANADA LTD.			WATER DEPTH - 9.20m (approximately)			Project No: EBA # 101-3688										
DRILL SHIP - M.V. FRANK BRODERICK			DEPTHS ARE REFERENCED TO SEABED			ELEVATION -9.20 (m)										
SAMPLE TYPE			☐ SHREIBY TUBE ☒ NO RECOVERY ☒ SPUR SPOON ☐ UNBURIED ☐ PISTON CORE ☐ GRAVITY CORE													
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION				A.P.S.D (mm) & 2000 4.75 60 2.0 0.075 0.075 PLASTIC N.C LIQUID 30 40 50 60				FINES (C) IN 20 40 60 80 * SAND (%) * * GRAVEL (%) * 20 40 60 80				USC	DEPTH (m)
0.0			SAND AND GRAVEL - trace silt, gravel content decreasing with depth									0.0				
			END OF GRAVITY CORE													
												-1.0				
												-2.0				
												-3.0				
1.4																

EBA Engineering Consultants Ltd.
Calgary, Alberta

COMPLETION DEPTH •• m

LOGGED BY JPR KWA MAY

COMPLETE 81/07/28

DWG NO.

Page 1 of 1

[illegible]

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC449		BOREHOLE No. ISGC449			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 9.40m (approximately)		Project No: EBA / 101-3668			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -9.40 (m)			
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A 2000 1500 1000 500 PLASTIC MC LIQUID 10 40 60 80	W PIES (20) W 20 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (m)
0.0			SAND AND GRAVEL				0.0
			CLAY				1.0
			END OF GRAVITY CORE				2.0
							3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH 0.2 m		COMPLETE 83/07/28		
			LOGGED BY JPR KJW NAV		DWC NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC450		BOREHOLE No. ISGC450			
ESSO RESOURCES CANADA LTD.		WATER DEPTH - unknown		Project No: EBA / 101-3668			
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION 0.00 (m)			
SAMPLE TYPE ☒ SHIELD TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE							
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 100 (mm) A 2000 1500 1000 500 PLASTIC MC LIQUID 10 40 60 80	W PIES (20) W 20 40 60 80 20 40 60 80 20 40 60 80	USC	DEPTH (m)
0.0			SAND AND GRAVEL				0.0
			CLAY				1.0
			END OF GRAVITY CORE				2.0
							3.0
1.0							
EBA Engineering Consultants Ltd. Calgary, Alberta			COMPLETION DEPTH 0.1 m		COMPLETE 83/07/28		
			LOGGED BY JPR KJW NAV		DWC NO. Page 1 of 1		

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC451		BOREHOLE No. ISGC451	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - unknown		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPUR SPOON ☐ DISRUPTED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 100 (mm) A			IN FINE (0.075 mm)			USC	DEPTH (m)
				2000	1000	500	200	100	50		
0.0			SAND - some gravel								0.0
			CLAY								
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.1 m	COMPLETE 85/07/28
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC452		BOREHOLE No. ISGC452	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - unknown		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPUR SPOON ☐ DISRUPTED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A 100 (mm) A			IN FINE (0.075 mm)			USC	DEPTH (m)
				2000	1000	500	200	100	50		
0.0			SAND - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.1 m	COMPLETE 85/07/28
LOGGED BY JPR KWI MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC453		BOREHOLE No. ISGC453	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - unknown		Project No. EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S.D. (mm)			FINES (%)			USC	DEPTH (m)
				2000	425	600	20	40	60		
0.0			SAND								0.0
			SILT - organic								
			CLAY								
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.1 m	COMPLETE 83/07/28
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC454		BOREHOLE No. ISGC454	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - unknown		Project No. EBA / 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION 0.00 (m)	
SAMPLE TYPE ☒ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SOIL DESCRIPTION	A.D.S.D. (mm)			FINES (%)			USC	DEPTH (m)
				2000	425	600	20	40	60		
0.0			SAND - silty								0.0
			CLAY								
			END OF GRAVITY CORE								
											1.0
											2.0
											3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.1 m	COMPLETE 83/07/28
LOGGED BY JPR KNU MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC455		BOREHOLE No. ISGC456	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - unknown		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION 0.00 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	4000	6000	8000	20	40	60	80		
0.0			SAND - trace gravel and silt, fine to medium grained										0.0
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH ** m	COMPLETE 83/07/28
LOGGED BY JPR KKW MAY	DWG NO.	Page 1 of 1	

ISSIGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC456		BOREHOLE No. ISGC456	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - unknown		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION 0.00 (m)	
SAMPLE TYPE ☐ SHIELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 600 (mm) A				FINES (%)				USC	DEPTH (m)
				2000	4000	6000	8000	20	40	60	80		
0.0			CLAY										0.0
			SAND										
			CLAY										
			END OF GRAVITY CORE										
													-1.0
													-2.0
													-3.0
1.0													

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.1 m	COMPLETE 83/07/28
LOGGED BY JPR KKW MAY	DWG NO.	Page 1 of 1	

ISSAGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC457		BOREHOLE No. ISGC457	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - unknown		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION 0.00 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4500	8500	20	40	60		
0.0			SAND - assumed principal component, no sample recovery								0.0
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.0 m	COMPLETE 83/07/28
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

ISSAGAK BORROW SITE		ORIGINAL BOREHOLE NO. GC458		BOREHOLE No. ISGC458	
ESSO RESOURCES CANADA LTD.		WATER DEPTH - 8.90m (approximately)		Project No: EBA # 101-3868	
DRILL SHIP - M.V. FRANK BRODERICK		DEPTHS ARE REFERENCED TO SEABED		ELEVATION -8.90 (m)	
SAMPLE TYPE ☐ SHELBY TUBE ☒ NO RECOVERY ☒ SPLIT SPOON ☐ DISTURBED ☐ PISTON CORE ☐ GRAVITY CORE					

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	A 200 (mm) A			FINES (%)			USC	DEPTH (m)
				2000	4500	8500	20	40	60		
0.0			SAND - trace gravel								0.0
			CLAY								
			END OF GRAVITY CORE								
											-1.0
											-2.0
											-3.0
1.0											

EBA Engineering Consultants Ltd. Calgary, Alberta		COMPLETION DEPTH 0.2 m	COMPLETE 83/07/28
LOGGED BY JFR KNU MAY	DWG NO.	Page 1 of 1	

[illegible]