

CLIENT YUKON ENERGY CORPORATION
PROJECT STUDY OF ICE PROCESSES IN THE MAYO RIVER, YUKON
SITE Low lying area east of village dike
LOCATION East of Mayo dike within treed area
DRILLING METHOD SSA/HSA

JOB NO. 10-1404-08
GROUND ELEV. 490.100 m
TOP OF PVC ELEV. 491.31 m
WATER ELEV. 489.34 m
DATE DRILLED 4/16/2011
UTM (m) N 7,052,668
 E 455,847

ELEVATION (m)	DEPTH (m) (ft)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	PIEZ. LOG	DEPTH (m)	SAMPLE TYPE NUMBER	RECOVERY %	SPT (N) blows/0.15 m ▲ DYNAMIC CONE (N) blows/ft △	Cu POCKET PEN (kPa) ★		Cu TORVANE (kPa) ◆	
									20	40	60	80
490			SNOW PACK/ICE									
489.2	1		SILT (ML) - Brown/grey, frozen to 1.5 m, moist when thawed, trace fine-grained sand, trace clay, trace organics.									
488.1	2		GRAVELLY SAND (SW) TO SAND AND GRAVEL (SW-GW) - Brown, saturated, well-graded, mixture of fine-grained sand to gravel, gravel is subrounded to rounded.		2.1							
488					2.6							
487	3											
486	4											
485	5				4.6							
484.6			END OF HOLE AT 5.49 m.									
484	6		Notes: 1. Installed a 50 mm diameter well. 2. Water level shown on log measured on 21-April-2011.									
483	7											
482	8											
481	9											
480	10											
479	11											
478	12											
477	13											

GEO TECHNICAL - SOIL LOG P:\PROJECTS\2010\10-1404-08\DESIGN\GEOLOGS\MAYO DYKE LOGS.GPJ

SAMPLE TYPE

CONTRACTOR
Donjek Drilling

INSPECTOR

RECEIVED

APPROVED

DATE
12/8/11

MAY 28 2014