

CLIENT YUKON ENERGY CORPORATION
PROJECT STUDY OF ICE PROCESSES IN THE MAYO RIVER, YUKON
SITE Village of Mayo Dike
LOCATION East side of dike road
DRILLING METHOD SSA/HSA

JOB NO. 10-1404-08
GROUND ELEV. 491.480 m
TOP OF PVC ELEV. 492.54 m
WATER ELEV. 489.29 m
DATE DRILLED 4/16/2011
UTM (m) N
 E

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
491			SAND AND GRAVEL (SW-GW) - Brown, frozen, damp when thawed, some sand, gravel and sand are well-graded, trace silt, trace clay.		0.3							
490.6	1		SILT (ML) - Grey, frozen, moist when thawed, low plasticity, oxidized seams present, trace to some clay, trace to some fine-grained sand.									
490	5											
489.3	2		GRAVELLY SAND (SW) TO SAND AND GRAVEL (SW-GW) - Brown, frozen, clean (trace to no fines), high gravel content, gravel is rounded to subrounded, with sand, sand is medium to coarse grained.		2.4							
489					2.9							
488	3											
488	10											
488	4											
488	15		END OF HOLE AT 4.6 m.		4.6							
488	5		Notes: 1. 50 mm diameter well with 1.1 m stickup installed to 4.6 m. 2. Water level shown on log measured on 21-April-2011.									
486	6											
486	20											
485	7											
484	8											
484	25											
483	9											
483	30											
482	10											
482	40											
481	11											
481	35											
480	12											
480	40											
479	13											
479	45											

SAMPLE TYPE Split Spoon

CONTRACTOR
Donjek Drilling

INSPECTOR

APPROVED

DATE
12/8/11

RECEIVED

MAY 28 2014

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