KGS GROUP

SUMMARY LOG

REFERENCE NO.

HOLE NO. **TH11-01B**

SHEET 1 of 1

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. 491.881 m
TOP OF PVC ELEV. 493.07 m
WATER ELEV. 490.15 m
DATE DRILLED 4/15/2011
UTM (m) N
E

ELEVATION (m)	DEPTH (m)	DEPTH (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) ◆	PL MC LL %
491	1	5		**SAND AND GRAVEL (SW-GW)** - Brown to tan, frozen, damp to moist when thawed, well-graded, fine- to coarse-grained, with fine- to medium-grained gravel, trace silt.		0.3				20 40 60	20 40 60 80	20 40 60 80
490 ▼	2					1.8						
489.1						2.4						
489	3	10		**GRAVELLY SAND (SW) TO SAND AND GRAVEL (SW-GW)** - Wet, clean (trace to no fines), well-graded, coarse-grained sand to medium-grained gravel, high gravel content containing well-rounded clasts, trace silt.								
488	4					4.3						
487.3		15				4.6						
487	5			**END OF HOLE AT 4.57 m.**								
486	6	20		Notes: 1. 50 mm diameter well with 1.1 m stickup installed to 4.3 m. 2. Water at 1.5 m after drilling. 3. Water level shown on log measured on 21-April-2011.								
485	7	25										
484	8											
483	9	30										
482	10											
481	11	35										
480	12	40										
479	13											
478		45										

SAMPLE TYPE

CONTRACTOR Donjek Drilling

INSPECTOR [redacted]

APPROVED [redacted]

DATE 12/8/11

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