KGS GROUP

SUMMARY LOG

REFERENCE NO.

HOLE NO. **TH11-02B**

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.	491.599 m
TOP OF PVC ELEV.	492.86 m
WATER ELEV.	489.56 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, dry to damp, well-graded, fine- to coarse-grained sand, well-graded gravel, clasts up to 50 mm, some silt.		0.3				20 40 60	20 40 60 80
490	2			- Mainly medium- to coarse-grained sand, trace fine-grained sand, some to with gravel, slight reduction in gravel size below 1.8 m.		2.1					
489						2.6					
488	3	10		**GRAVELLY SAND (SW) TO SAND AND GRAVEL (SW-GW)** - Brown, wet to saturated, clean (trace to no fines), high gravel content (rounded to subrounded), with sand (medium- to coarse-grained).							
487.0 487	4	15				4.6					
486	5			END OF HOLE AT 4.6 m.							
485	6	20		Notes: 1. 50 mm diameter well with 1.1 m stickup installed to 4.6 m. 3. Water level shown on log measured on 21-April-2011.							
484	7	25									
483	8										
482	9	30									
481	10	35									
480	11										
479	12	40									
478	13	45									

SAMPLE TYPE

CONTRACTOR Donjek Drilling

INSPECTOR [redacted]

APPROVED [redacted]

DATE 12/8/11

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