## **BOREHOLE LOG**

PROJECT NAME:2015 Hydrogeological Work ProgramLOCATION:Burwash Landing, YukonDRILLER:Midnight Sun DrillingDRILL TYPE:Truck MountedDRILL DATE:October 22 to 24, 2015

 BOREHOLE NO.:
 KFN-M

 PROJECT NO.:
 ENVH2003136-02

 COMPLETION DEPTH:
 57.30 m

 UTM (NAD83, ZONE 7):
 6803686 N;

 607987 E

Lithology	Comments	Installati	Installation Summary		
Depth (m bgs)		Water tight Merrill well cap with 0 - 100 psi gauge	Pipe S	tickup = 0.90 m	
SILT (Till) - some gravel and silt, moderately graded, damp, loose, brown to grey, fine subangular to subrounded gravel	ORGANICS (Moss - 60 mm Thick) SWL 1.5 mbg, October 2015	6.00 m —	Neat	cement grout ce seal	
- To SAND AND GRAVEL - trace silt, moderately graded, damp, loose, grey, subangular to subrounded gravel	PERMAFROST (at approx. 1.8 m)				
20 SAND AND GRAVEL - silty, moderately graded, damp, compact, grey, fine to coarse sand, fine subangular to subrounded gravel SILT - some sand, poorly graded, damp, soft, grey, fine to medium subangular sand 30 SAND AND GRAVEL - silty, well graded, damp, compact, grey, fine to coarse sand, fine subangular to subrounded gravel	SILT - some sand and gravel, poorly graded, compact, fine to coarse sand, fine subangular to subrounded gravel		Casing II Casing C	D = 155.6 mm DD = 168.3 mm	
40 SILT - trace sand, uniformly graded, damp, soft, grey, fine to medium sand	SAND AND GRAVEL - silty, well graded, damp, compact, gre fine to coarse sand, fine subangular to subrounded gravel SILT - trace sand and gravel, uniformly graded, damp, soft, grey, fine to medium sand				
57.61 - END OF BOREHOLE 60 End of well = 57.30 m (Slough from 57.61 to 57.30) 65	SAND AND GRAVEL - trace silt, trace fine sand, well graded damp, loose, brown, medium to coarse sand, medium to coarse subangular to subrounded gravel BASE OF PERMAFROST - Saturated below 53.6 SAND - trace silt, gravel and coarse sand, moderately graded, very wet, loose, fine to medium sand, subangular to subrounded gravel	e 57.30 m - 57.30 m - 57.30 m - 57.30 m - 53.28 m to 53.31 53.37 m to 54.29 54.25 m to 54.64	7 m - K-Packer 5 m - Riser (25- 4 m - 25-Slot So 7 m - 18-Slot So	ils below) RUCTION Slot Screen) creen creen	
CLIEM		Screen Riser, K-Packer ID = 0.127 mm 2015 HYDROGEOLOGICAL WORK PROGRAM BURWASH LANDING, YUKON WELL LOG - KFN-M			
(	Department of Community Services	ROJECT NO. DWN C	ckd rev JS 0	Figure 3	