## BOREHOLE LOG

PROJECT NAME: Burwash Geoexchange Test WellLOCATION:Burwash Landing, YukonCLIENT:Government of Yukon, Community ServicesDRILL TYPE:Mud / Air RotaryDRILL DATE:July 22, 2012

BOREHOLE NO.: PROJECT NO.: UTM (NAD83, Zone 7): KFN-L W23101568 6803843 N; 608123 E

Lithology	Comments		Installation Summary		
LITHOLOGY Depth (m bgs) O SILT (Till) - variable amounts of sand and gravel, zones of trace clay, frozen from about 2 r 20 40 Constraints of trace gravel, trace cobbles, cones of trace clay Constraints of trace gravel, trace gravel, trace clay Constraints of trace gravel, trace clay Constraints of trace gravel,		zen, e silt,	Artesian Pressure <1 psi (August 23, 2012) Circle Plate Cement Surface Seal (2" Radial Thickness) Casing ID = 219 mm		
120         SILT (Till) - sandy, gravelly, some clay (pellets), hard drilling         140         SAND and GRAVEL - trace silt, easier drilling, likely water bearing         160         CLAY and SILT (very hard, overconsolidated till)         - trace sand, grades from trace gravel to gravelly, soft clay zone from 174 to 180         200         220         240         260	GRAVEL - sandy, some silt, water be GRAVEL - sandy, some silt, likely wa bearing	-	Casing	ze = 203.2 mm ID = 155.6 mm OD = 168.0 mm	
280 300 CLAY and SILT (very hard, overconsolidated till) 320 - trace sand, trace gravel, GRAVEL - trace sand, trace organics (sticks) from 340 360 380 380 387.4 - END OF HOLE	Fracture Zone SAND and SILT, poss water bearing Kluane Schist (BEDROCK, Boulder? SAND - trace to some silt, water bea	) ring	387.4 m — 10-Slot Length	Screen 3.35 m (11 ft)	
	UT <b>Yukon</b> Government	GEOEXCHANGE TEST WELL BURWASH LANDING, YUKON WELL LOG KFN-L			
	A TETRA TECH COMPANY	PROJECT NO. W23101568 OFFICE EBA-WHSE	DWN         CKD         REV           CB         SKS         0           DATE         October 3, 2012	- Figure 3	