

HYDROGEOLOGIC LOG

BOREHOLE NO. TW06-05

PURPOSE OF HOLE: Water Supply Well
 DRILLING METHOD: Air Rotary
 DRILLING DATE: September 29 - October 3, 2006
 CONTRACTOR: [REDACTED]

GROUND ELEV.: 768 m-geod (approx.)
 CASING STICK UP: 0.68 m
 DEPTH TO STATIC: 9.275 m-bgl.
 LOCATION: Pingo Place

Depth (m)	Lithology	Comments	Well Installation Summary
0m			Circle Plate - lockable
2.4 m	SILT & GRAVEL - some sand, med. grained sand, sub-angular, dry, light brown		8" (200 mm) bentonite surface seal
4.6 m	GRAVEL - some sand, trace of organics, fine to coarse sand, dry, light brown		4.6 m
10.1 m	SAND & GRAVEL - trace of silt, well graded sand, med. to coarse grained angular to sub-angular gravel, moist, grey		6 5/8" (168 mm) OD steel casing
10.1 m		Static Water Level = 9.275 m-bgl (October 24, 2006)	
15m	SILT/CLAY - trace of sand, trace of gravel, coarse grained sand, alternating soft & compact, moist, grey		
20m			
22.9 m			DRILLED OPEN HOLE 6" (152 mm)
25m	SILT/CLAY & GRAVEL - trace of coarse sand, becomes coarser with depth, moist, grey		
27.4 m			
30m	BEDROCK (GRANODIORITE) - weathered, soft		
33.5 m			4 1/2" (114 mm) ID slotted PVC liner (6.1 m-48.7 m)
35m	BEDROCK (GRANODIORITE) - competent		
40m			
41.1 m			Bottom of 6 5/8" casing at 42.6 m
45m			
50m			
55m		PRODUCTIVE FRACTURE ZONE 54.8 m - 61.0 m-bgl.	
60m			
61.0 m	END OF HOLE		

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 [REDACTED]

WHITEHORSE COPPER SUBDIVISION HYDROGEOLOGICAL ASSESSMENT FOR WATER SUPPLY-WHITEHORSE, YT.

WELL LOG TW06-05

PROJECT NO.	DWN	CKD	REV
[REDACTED]	[REDACTED]	[REDACTED]	0
OFFICE	DATE		
[REDACTED]	December 20, 2006		

Figure 7