PROJECT: YTG - Hootalinqua Firehall Well		c	CASING STICKUP: 0.6 m (2 ft)				WELL NO: 1-02	
PHCL PROJECT NO: C730101		s	STATIC WATER LEVEL: 33.0 m (108.23 ft) bgs				PUMPING TEST: Yes	
LOCATION: North of Whitehorse		c	COMPLETION DEPTH: 156.7 m (514 ft)				WATER ANALYSIS: Yes	
DEPTH DESCRIPTION			ELEVATION (m)	SYMBOL	WELL DATA		REMARKS	
70 24 95 1120 1145 1149 170 1124 120 1149 170 1124 120 1149 170 1149 170 1149 170 1149 170 1149 170 1149 170 1149 170 1149 170 1149 170 1149 170 1149 170 170 170 170 170 170 170 170 170 170	Ground Surface Sand, Clay and Sandy Clay 0.0 to 30.5 m (0 to 100 ft) - with 0.1 thick gravel bed at 24.4 to 24.5 m (80 30.5 to 37.8 m (100 to 146.6 ft) - containin cemented layer from 37.8 to 39.6 m (124 to Silt 44.1 to 57.9 m (144.6 to 190 ft) - compact Sand 57.9 to 60.4 m (190 to 198 ft) - water-bear Sand, Silt and Clay 60.4 to 90.2 m (198 to 296 ft) - sand, silt ar clay Sand and Gravel 90.2 to 92.7 m (296 to 30.9 ft) - silty, clear m (304 ft) Gravel, Sand and Silt 94.2 to 103.0 m (309 to 350 ft) - interbe water-bearing layers; cleaner sand and from 96.0 to 97.5 m (315 to 320 ft) Clay 103.0 to 140.5 m (350 to 461 ft) - silty inter throughout Sand 140.5 to 150.9 m (461 to 471 ft) - silty inter throughout Sand 143.6 to 150.0 m (471 to 492 ft) - interbed water-bearing layers Sand 150.0 to 157.0 m (492 to 515 ft) - coarse, gravel and silt; cleaner water-bearing; clay	of to 80.5 ft) In a sandy silty In a sandy sil	-30.5 -30.5 -44.1 -57.9 -60.4 -106.7 -140.5 -143.6 -150.0		For well screen	casi ground the Static belief cor (10 per ence	that the 150 mm (6") diameter well ing was cut off 1.2 m (4 ft) below and, with the 200 mm (8") diameter er casing cut off 1.5 m (5 ft) below and. A steel plate is welded over opening between the casings. To water level of 33.60 m (110.23 ft) ow the 0.6 m (2 ft) casing stickup responds to a level of 31.77 m 4.23 ft) below the casing of the manent installation, which is closed in an underground chamber. Top of well screen assembly = 151.5 m (497 ft). Total length of K-type packer and riser pipe = 0.7 m (2.3 ft). 3.7 m (12 ft) of 1.0 mm (0.040") screen, with a total length of 3.8 m (12.5 ft). The screen is exposed between 153.0 and 156.0 m (502 and 512 ft). Nominal diameter of 150 mm screen is 124 mm (4.875"). 0.6 m (2 ft) of 125 mm (5") solid pipe, closed with a threaded	
				details, see steel plate at the bottom at at 156.7 m (514 ft).				
		DATE: Mar	r-Aug/2002	P	PACIFIC HYDROLOGY CONSULTANTS LTD. Consulting Hydrogeologists Suite 201, 1537 West 8th Avenue VANCOUVER, B.C. Canada V6J 1T5 Telephone: (604) 730-6990			
DRILLING METHOD: Cable Tool BY: rt		BY: rt	· · · · · · · · · · · · · · · · · · ·					
PAGE: 1 of 2 FIGURE:		FIGURE:	3 Telephone. (604) 730-6990		(004) 730-6990			