

# MONITORING WELL LOG

# MW-45

SUPERVISOR: [REDACTED]  
 TYPE OF RIG: **Hollow Stem Auger (CME 750)**  
 CONTRACTOR: [REDACTED]  
 DATE DRILLED: **October 20, 2004**  
 GROUND ELEV: **633.72**  
 STICK UP: **0.68**

NORTHING: **6733757.518**  
 EASTING: **496354.5746**  
 ELEV. TOP OF PVC: **634.40** M-ASL  
 DEPTH TO WATER: **3.99** M-BTOC  
 ELEV. OF WATER: **630.41** M-ASL

Depth (m)	Elev. (m-asl)	LITHOLOGY	SAMPLES NAMES AND DEPTHS	WELL DIAGRAM	Vapours (ppm)
0.0	634.4	Ground surface			
1.0	633.4	Brown to dark brown sand & gravel, loose, dry to moist			
2.0	632.4	Cobbles @ 2.1 m brown sand & gravel, medium sized cobbles, loose, moist			
3.0	631.4	Brown sand & gravel with intermittent sandy silty layer.			
4.0	630.4	Hydrocarbon odour @ 4 - 4.3 m loose, moist, becoming wet @ 4.3 m			
5.0	629.4	Dark grey sandy silt, saturated, strong hydrocarbon odour, changing to a silty sand with depth, wet, strong hydrocarbon odour			
6.0	628.4				
7.0	627.4	<b>Note:</b> Free product was visible on bottom of the screen (approximately 2 inches). Screen was pulled out due to heaving sands. The well was re-drilled and re-installed.			
8.0	626.4				
9.0	625.4				
		■ Bentonite ■ Sandpack ■ Cuttings/Sand Backfill/Slough		Top Of Screen Bottom Of Screen Top Of Sandpack Bottom Of Sandpack Top Of Bentonite Bottom Of Bentonite	3.0 6.1 2.7 6.1 2.3 2.7
		▼ Water Level: 3.99 m below top of casing Date: October 21, 2004			

**DETAILED SITE INVESTIGATION & RISK ASSESSMENT**  
 146 Industrial Road, Whitehorse, Yukon

