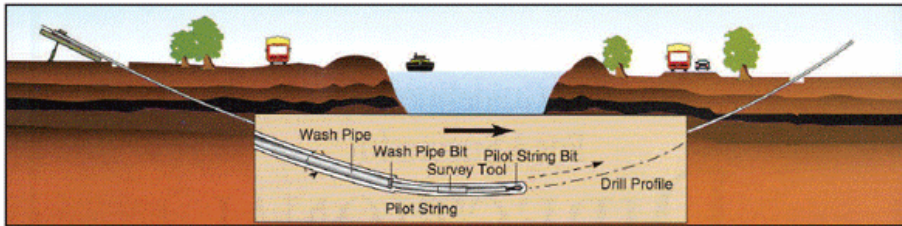


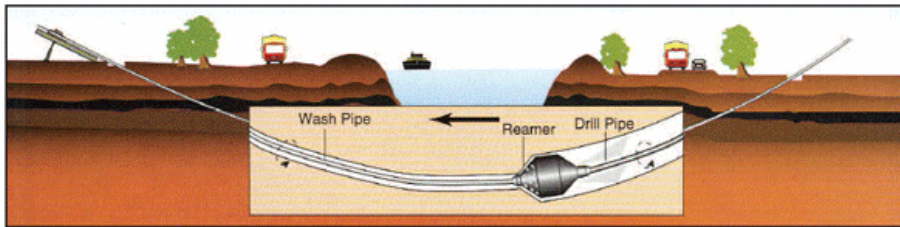
**Exhibit 14**

**Northern Pass Project  
Description and Images of Directional Boring Systems**

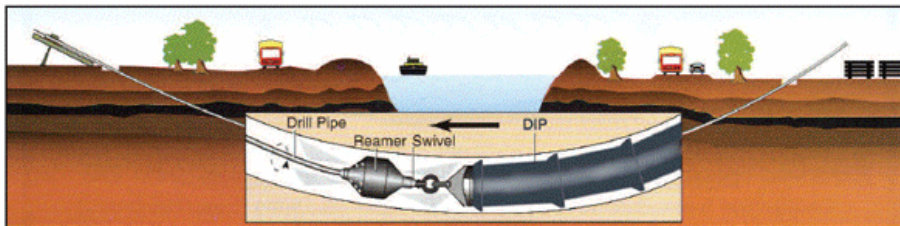
# Horizontal Directional Boring System



PILOT HOLE



PRE-REAMING



PULL-BACK



A Horizontal Directional Boring System consists of a boring operation that can construct a curved bore underneath a stream or road, which a casing pipe and conduits are subsequently pulled through. The construction utilizes a steerable bit that is operated from the surface with no excavated pits necessary. Ancillary equipment and machinery are necessary on the surface to support the operation. Once the bore is constructed, a casing pipe is pulled through, and then conduits themselves are pulled through. The figures to the right show a 'typical' HDB illustration.

# Horizontal Directional Boring System



# Horizontal Directional Boring System

Feature	Large-Rig
Maximum Thrust and Pullback	> 100,000 lbs.
Maximum Spindle Torque	20,000 ft. lbs.
Maximum Boring Fluid Pressure	2,000 – 10,000 psi
Boring Flow Rates	> 200 gpm
Rig	Rack & Pinion with or without Cable Assist
Typical Rig Foot Print	8 ft. wide x 45 ft. long
Typical Range	1,000 to 7,500 feet
Typical Diameters	Up to 60 inches
Typical Applications	Under rivers, highways, and runways
Recommended Soils	Compactable soils to hard rock