



Notes:

- 1) Fluid containment to be sealed at well entry
- 2) Traffic control to be in place on dike operating in both directions
- 3) Vertical well to be drilled first to determine ground conditions, well bore profile, casing installation requirements, and bending radius
- 4) Installation of casing under dike to minimize potential integrity risks - estimated size 12 inch casing
- 5) Non-toxic Polymer based drilling fluid to be used to minimize down hole pressures.
- 6) Length of casing installation to be installed until competent conditions are met to a maximum of 300 meters
- 7) Annulus of core to be filled in with non-toxic, non-hardening bentonite grout once complete
- 8) Borehole to be grouted off from TD 25 meters to surface once casing completely removed with non-toxic cement bentonite grout
- 9) Drilling fluid to be disposal of at certified disposal site
- 10) Fresh water to be hauled in from local approved source.
- 11) Elevated work pad constructed of timbers, and concrete supports placed on ground surface, no civil work required to construct elevated pad. The elevated pad requirement will be determined at time of construction, if no worker and or operational safety concerns are present the elevated pad will not be required.
- 12) Final depth and length of lateral core(s) will be determined after assessment of geophysical data.
- 13) Vehicle parking for drilling activities will be in locations such that other vehicle access or egress will not be impeded.
- 14) Lateral core at 70 meters will stop at the proposed entry location for a Horizontal Directional Drill.



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DWN BY: JM
CHK'D BY: JM
APP: JM
SCALE
NOT TO SCALE

**"For Permit Application Only
Vertical and Lateral
Geo-technical Test Investigation
from E-BH-6 in Dike Squamish WMA"**

DATE:
MARCH 2015

PROJECT NO:
001-10-2015

REV. NO.:
Rev 1

FIGURE No.
E-BH-6 Profile