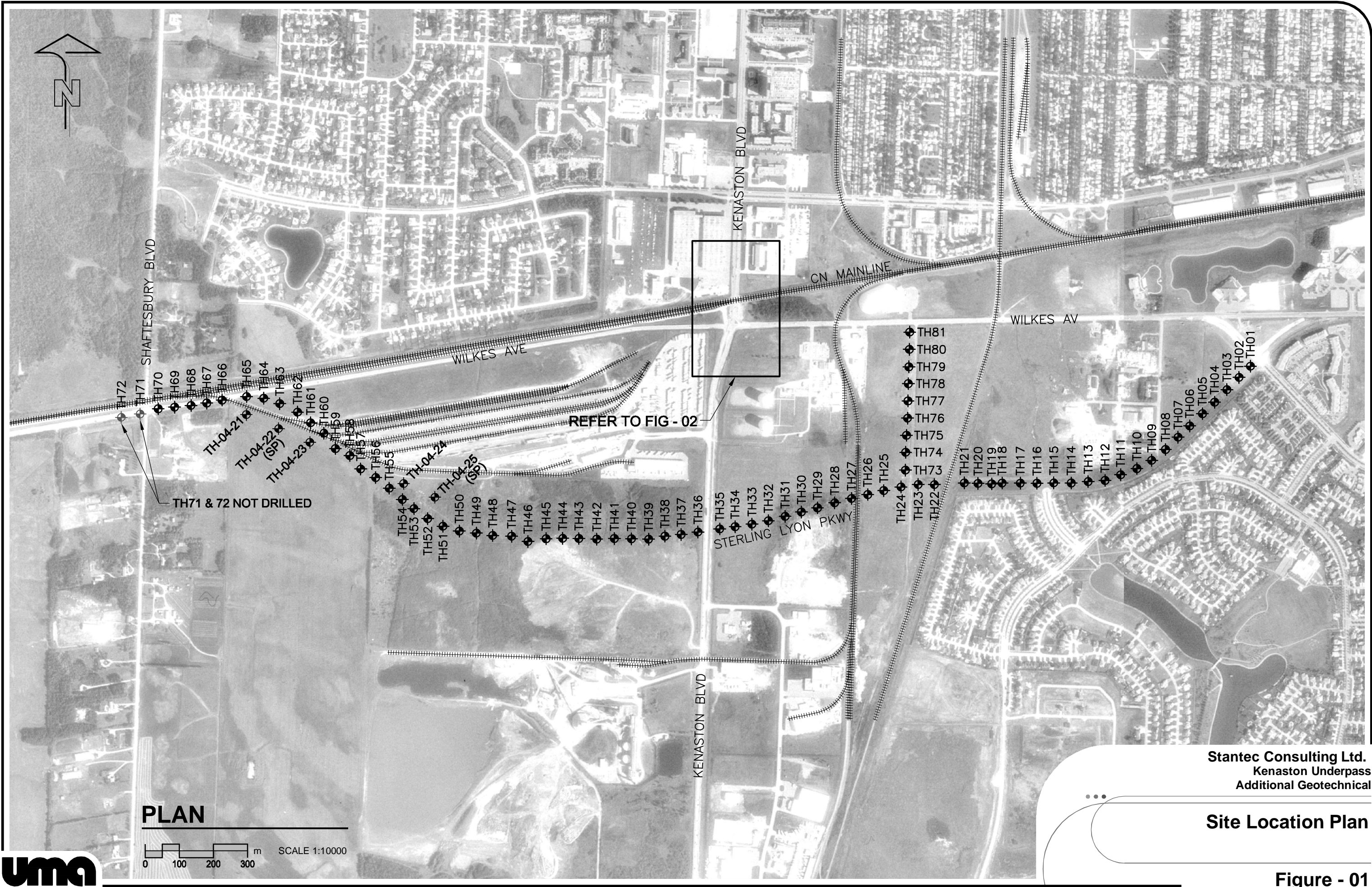
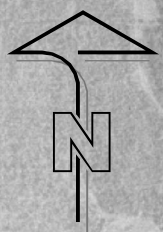


Geotechnical Report

Figures



PLAN

0 100 200 300 m SCALE 1:10000

REFER TO FIG - 02

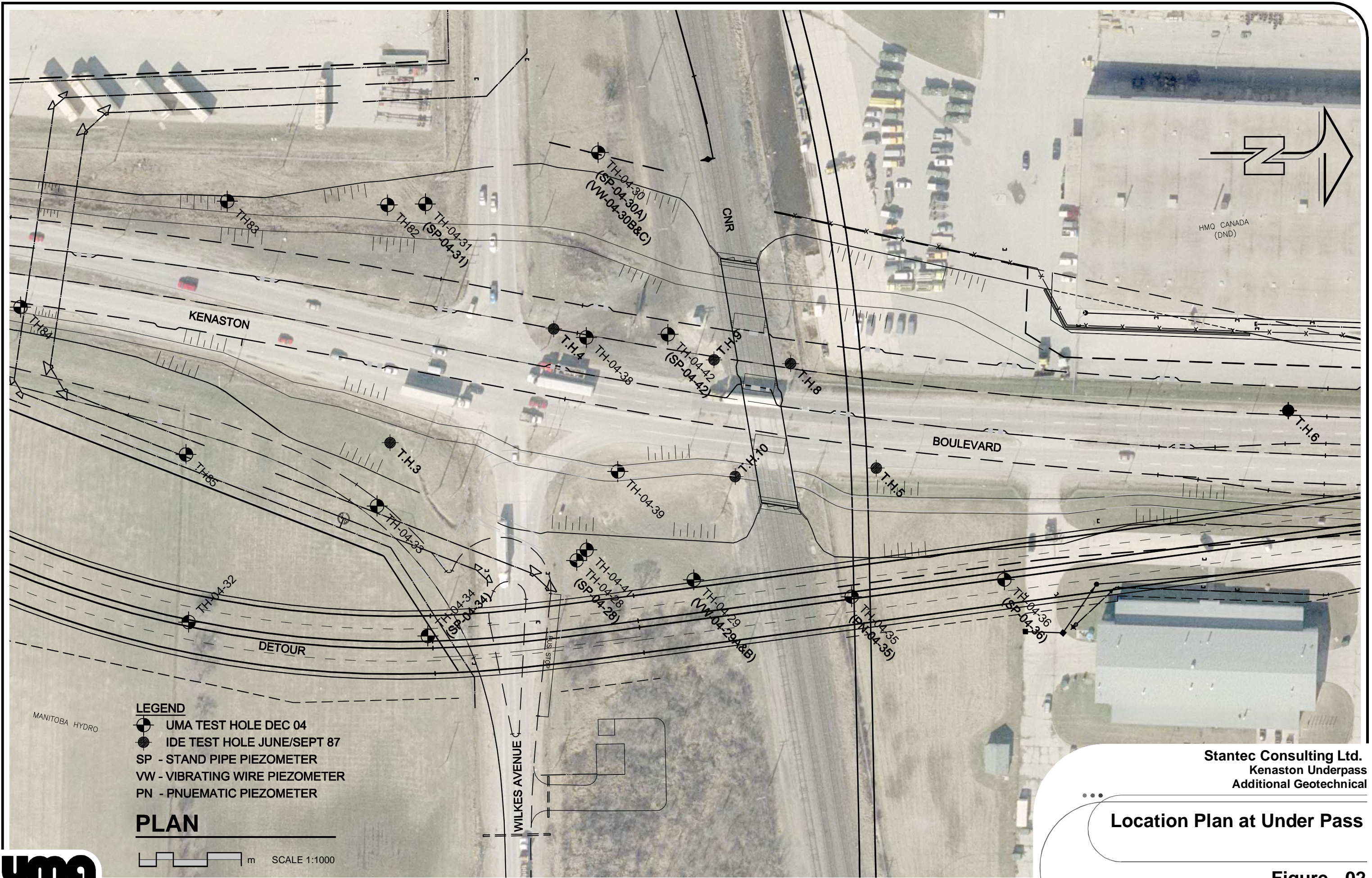
TH71 & 72 NOT DRILLED

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Site Location Plan

Figure - 01





- LEGEND**
- UMA TEST HOLE DEC 04
 - ⊕ IDE TEST HOLE JUNE/SEPT 87
 - ⊞ SP - STAND PIPE PIEZOMETER
 - ⊞ VW - VIBRATING WIRE PIEZOMETER
 - ⊞ PN - PNEUMATIC PIEZOMETER

PLAN

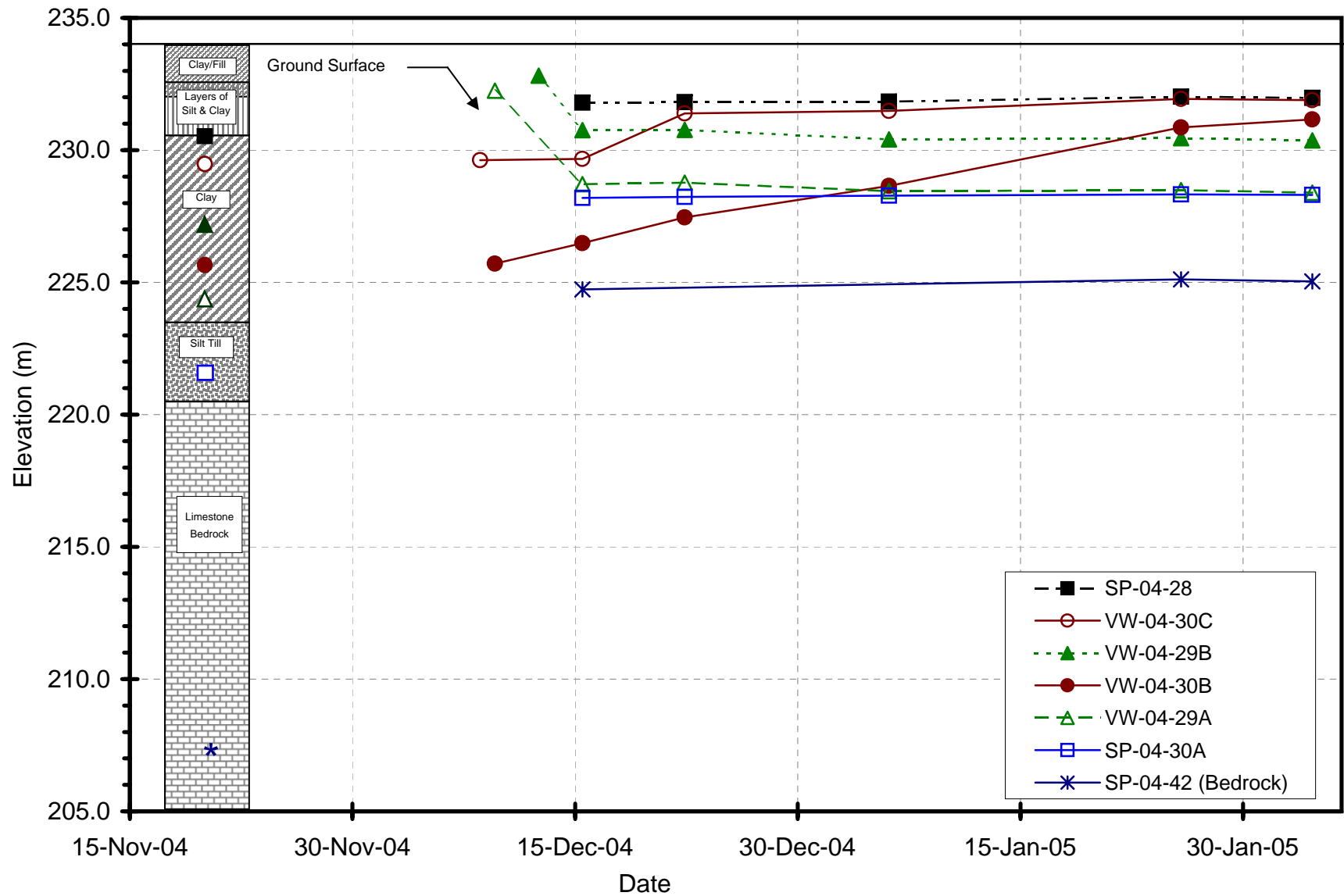
SCALE 1:1000

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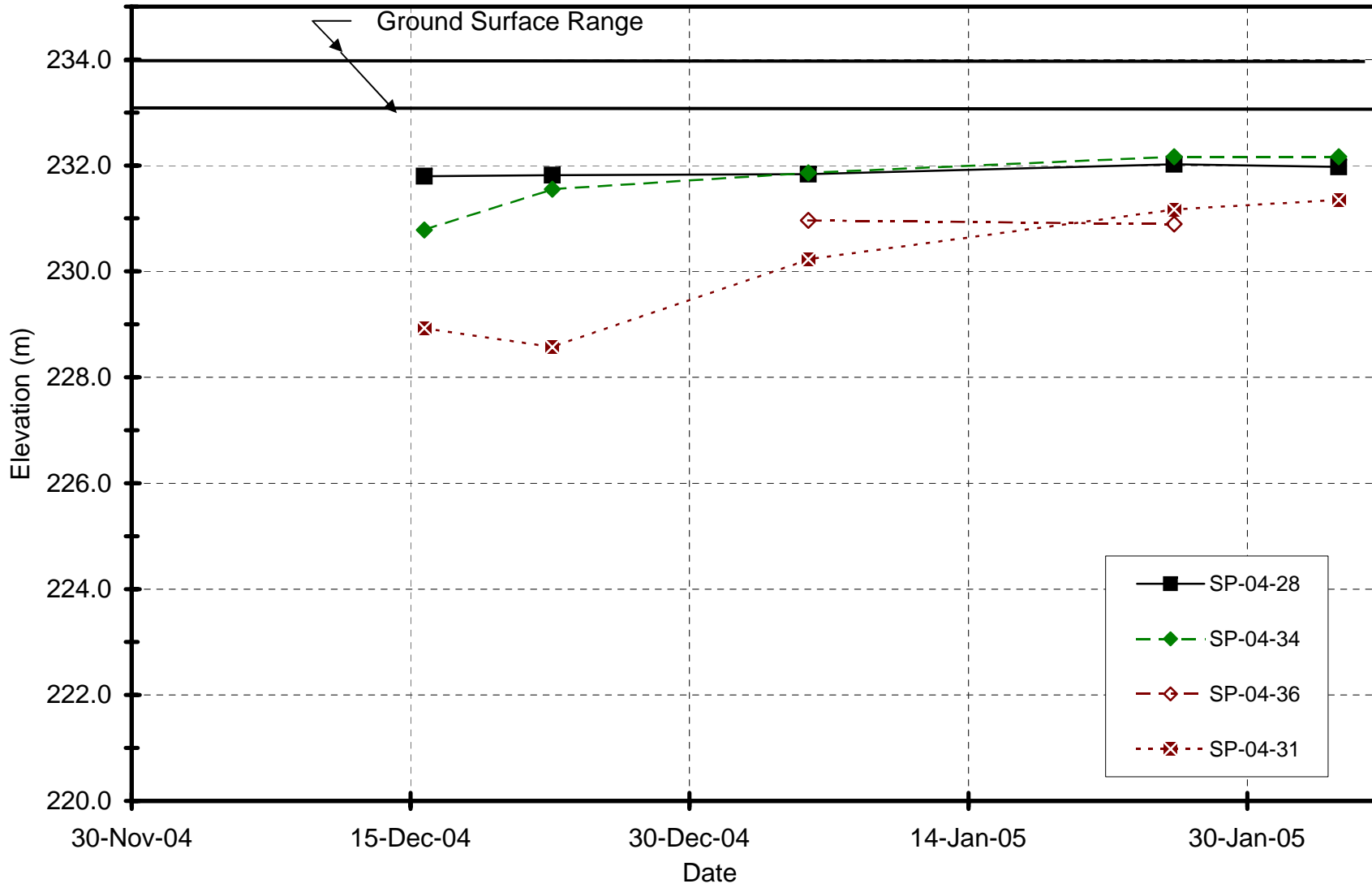
Location Plan at Under Pass

Figure - 02





**Figure 3 - Piezometric Head vs. Time
Piezometers Near Brigde**



**Figure 4 - Piezometric Head vs. Time
Shallow Piezometers**

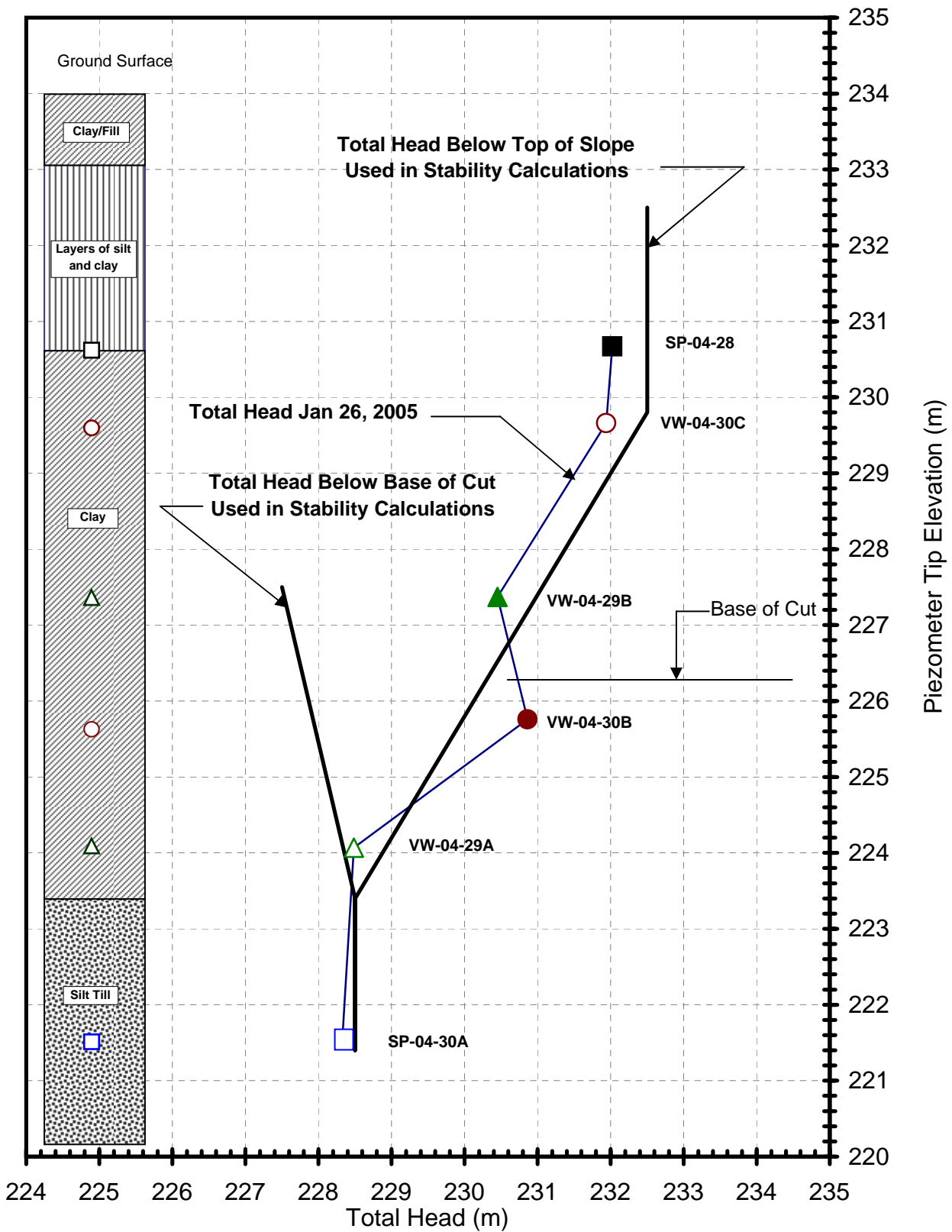


Figure 5 - Head Distribution for Stability Calculations

Title: Kenaston Underpass
Comments: Groundwater at Winter 2005 Levels
Name: 6.5 m cut, 5to1, 4 m bench 2.5 m fr bottom.gsz
Date: 2/28/2005

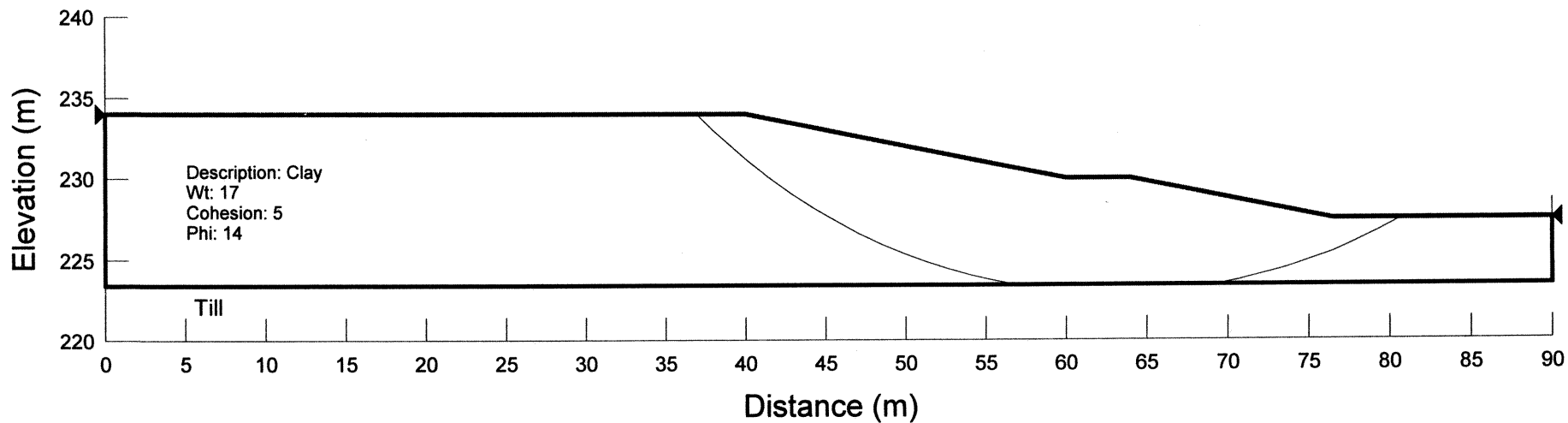
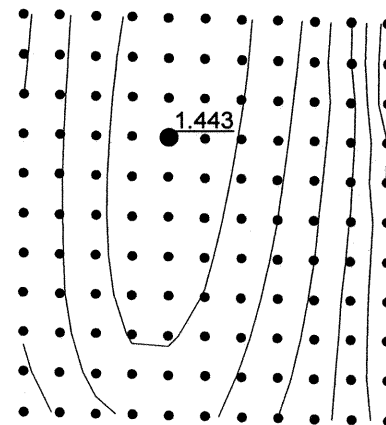


Figure 6 - Typical Slope Stability Output

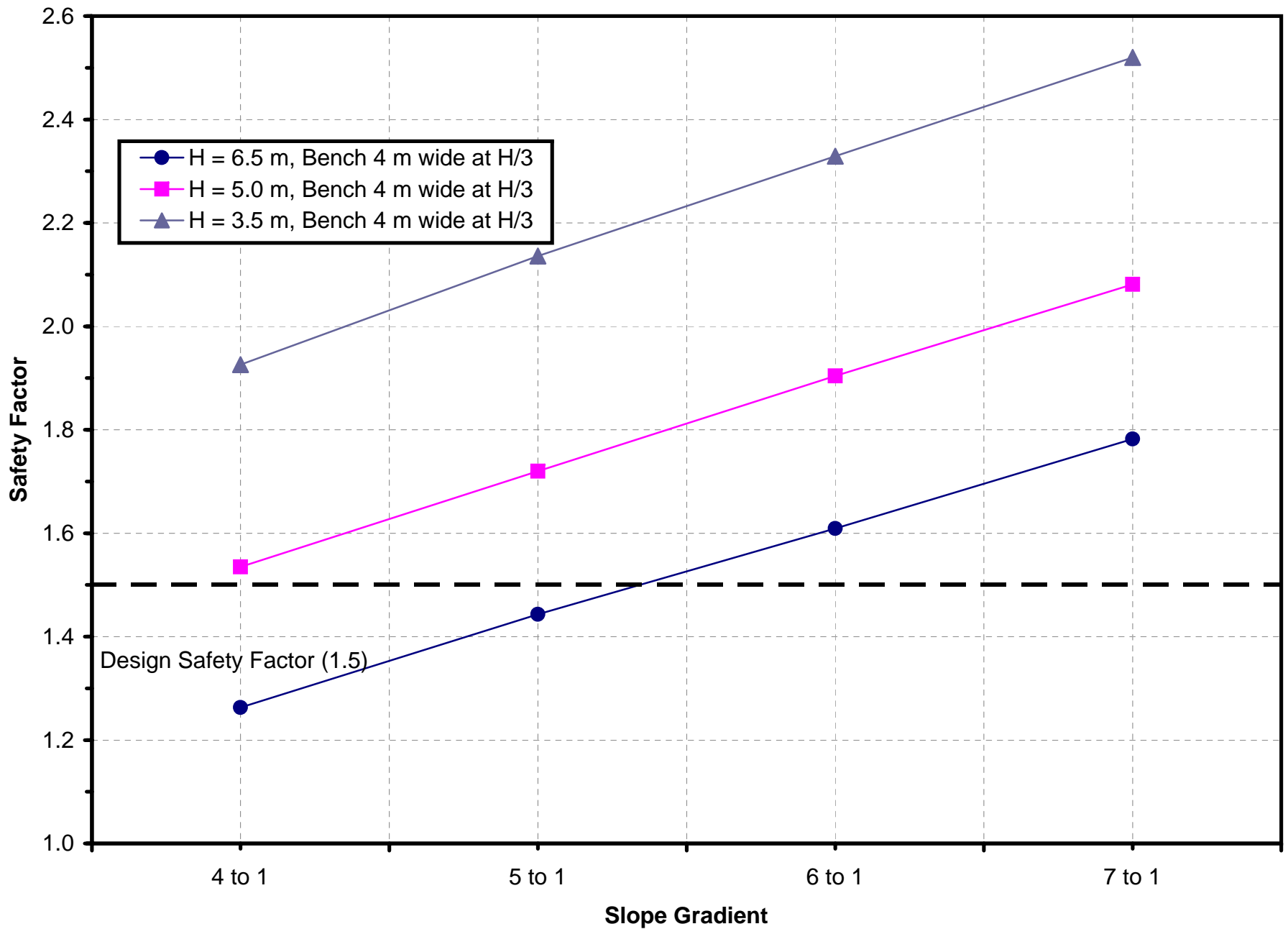
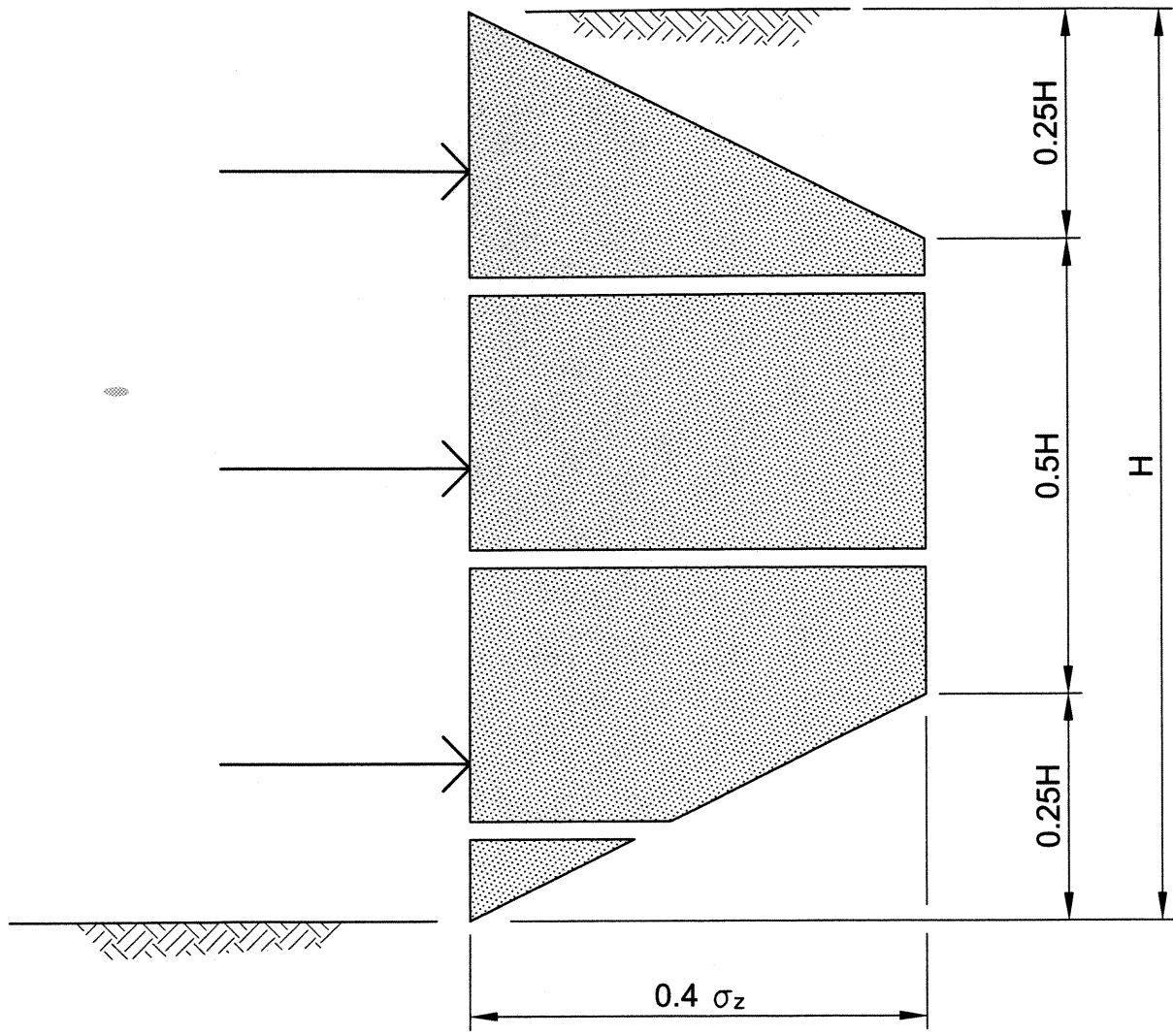


Figure 7 - Summary of Slope Stability Calculations



SOURCE: CANADIAN FOUNDATION ENGINEER MANUAL, 3rd EDITION.

Stantec Consulting Ltd.
Kenaston Underpass

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**Apparent Earth Pressure Forces
on Supports for Strutted Walls**