ROAD PAVEMENTS FORUM

26 November 2025

Introduction of the EBIT-DCP Software to support TRH24 implementation

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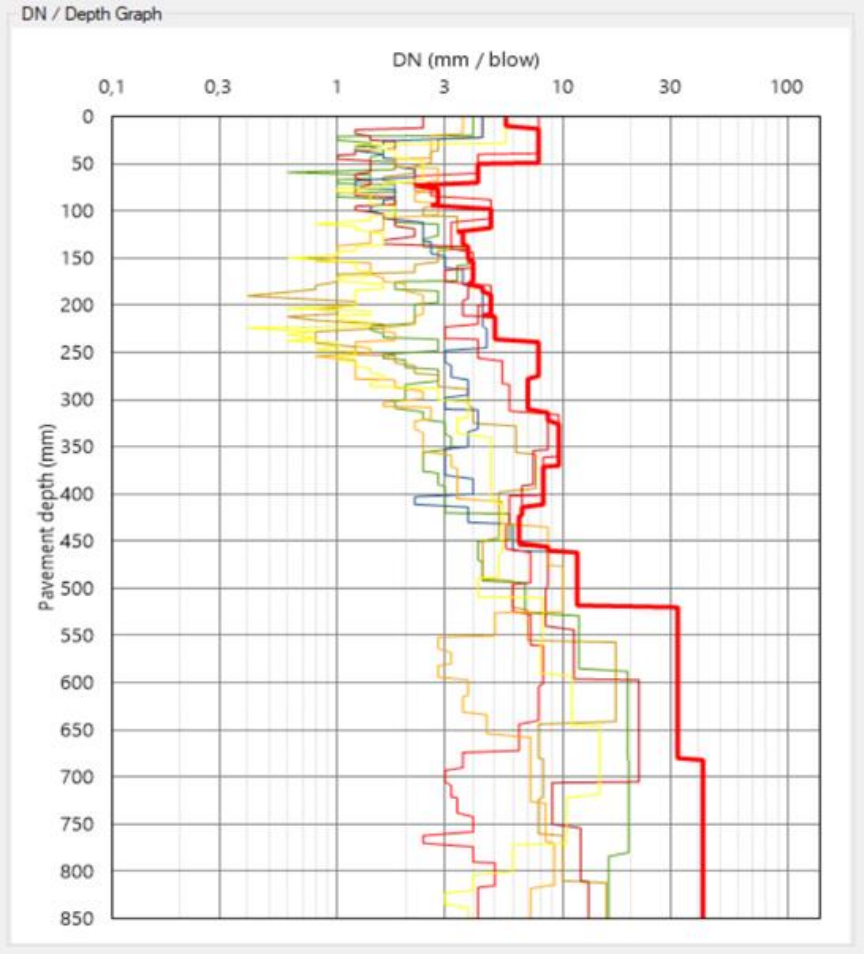
Purpose of presentation

- Introduce EBIT-DCP Software
  - Website
  - How do download the software
  - Key features



Background

- Draft TRH 24 recommends DCP design method – ***See Chapter 5***
- DCP data processing to determine **inherent bearing capacity**
  - *AFCAP/ReCAP LVR DCP – up to **1 MESA***
  - **EBIT-DCP software – up to 10 MESA**
  - **Manually – Using simple Excel spreadsheet**

$$In-situ\ bearing\ capacity = 10^{\left(\frac{Depth+1285-457\ Log\ ((C_f)(DCP-DN))}{194}\right)} \quad \text{..... (5.4)}$$

Where:

In-situ Bearing capacity	= DCP-DN related bearing capacity in depth in E80s;
Depth	= depth in pavement structure in mm
DCP-DN	= processed percentile value of DCP tests in mm/blow
C_f	= Climatic adjustment factor (Table 35)

TRH 24

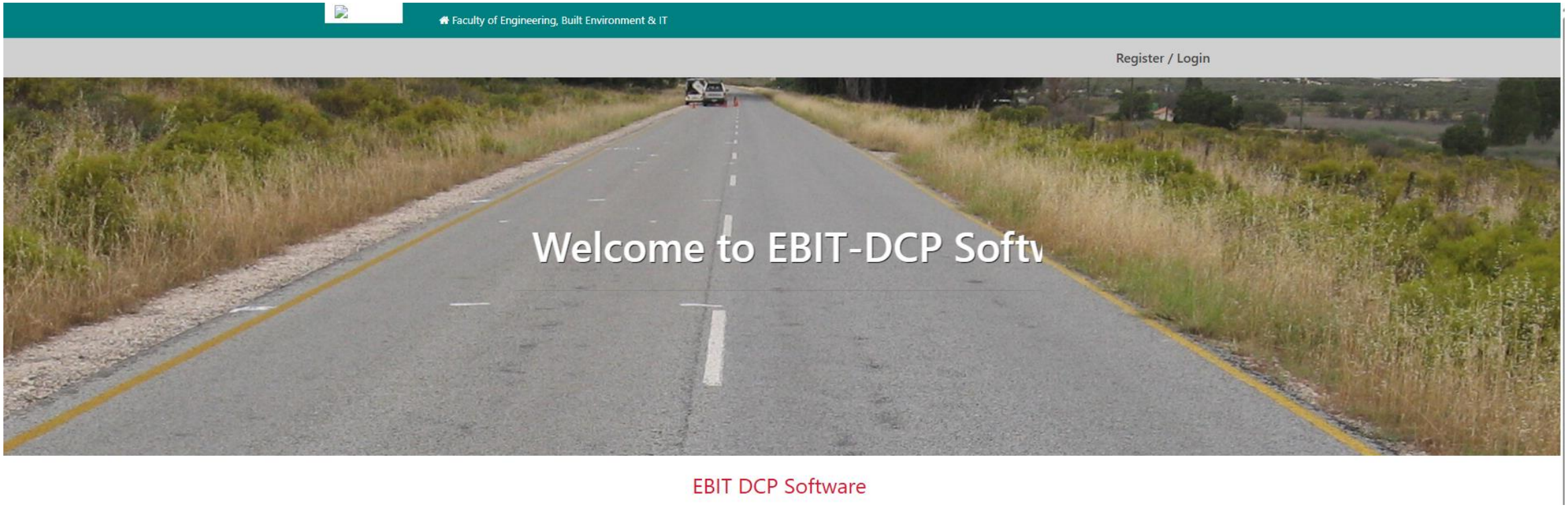
UPGRADING OF UNPAVED ROADS

Draft Standard (DS)
October 2024

Committee of Transport Officials

Website

- www.ebitpostgraduatelifecycle.website/EBIT-DCP/index.php



Website – How to register/log in

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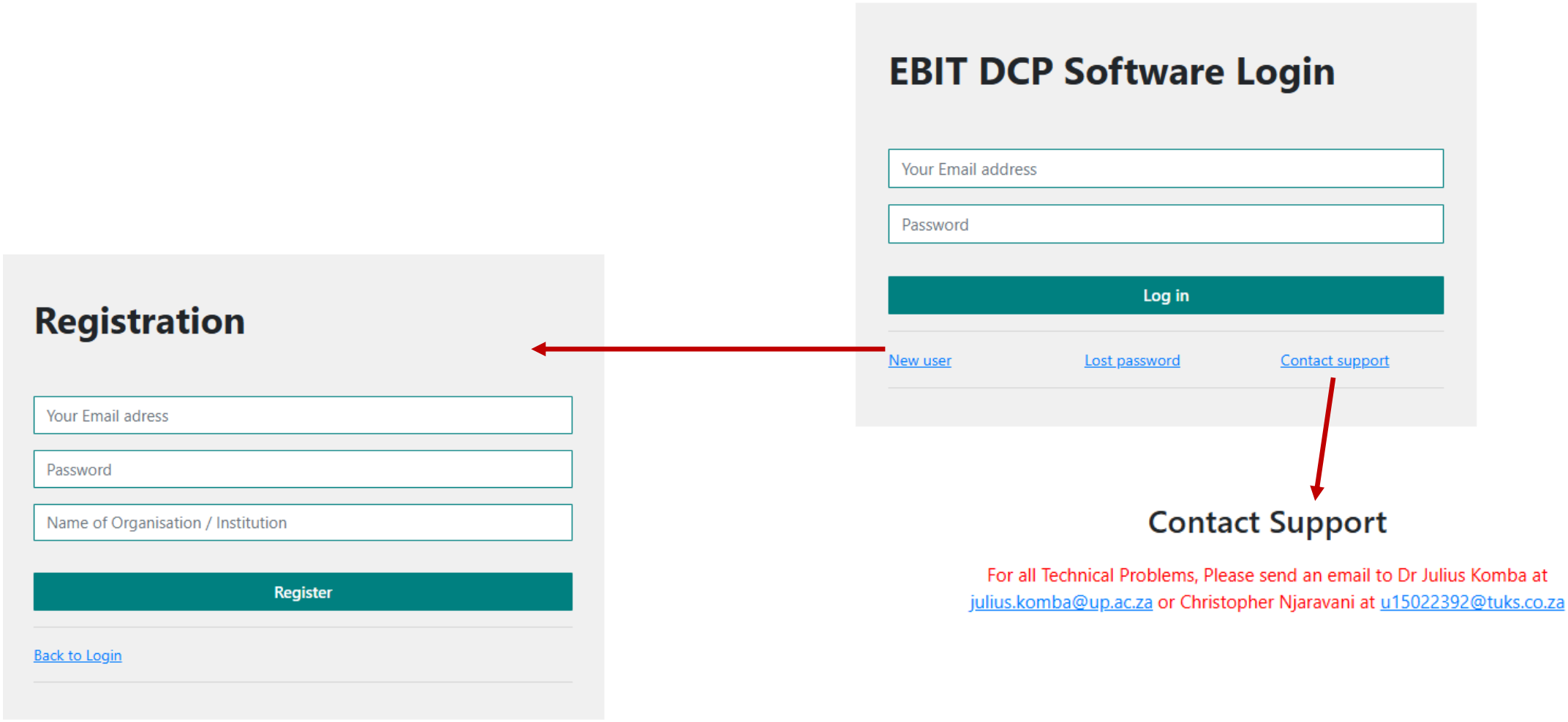
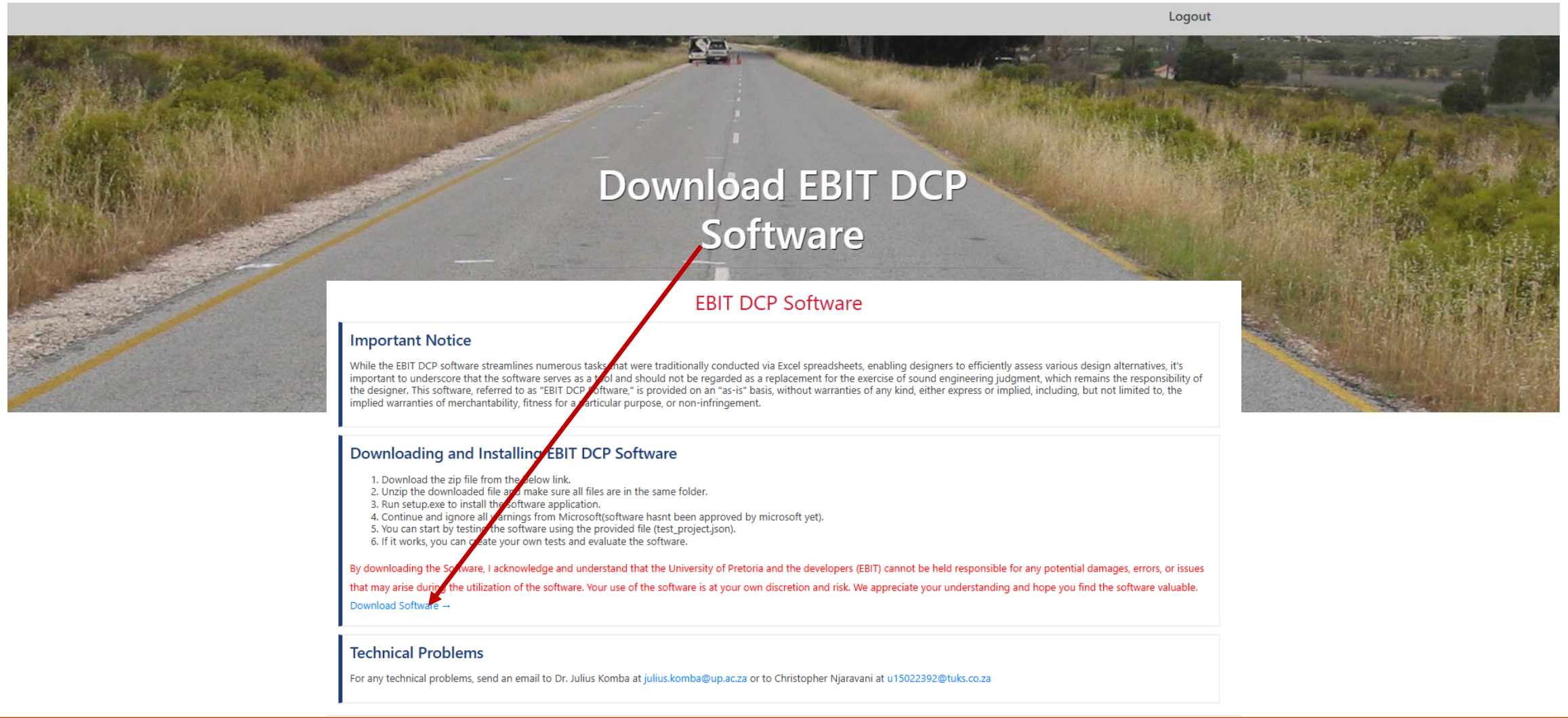
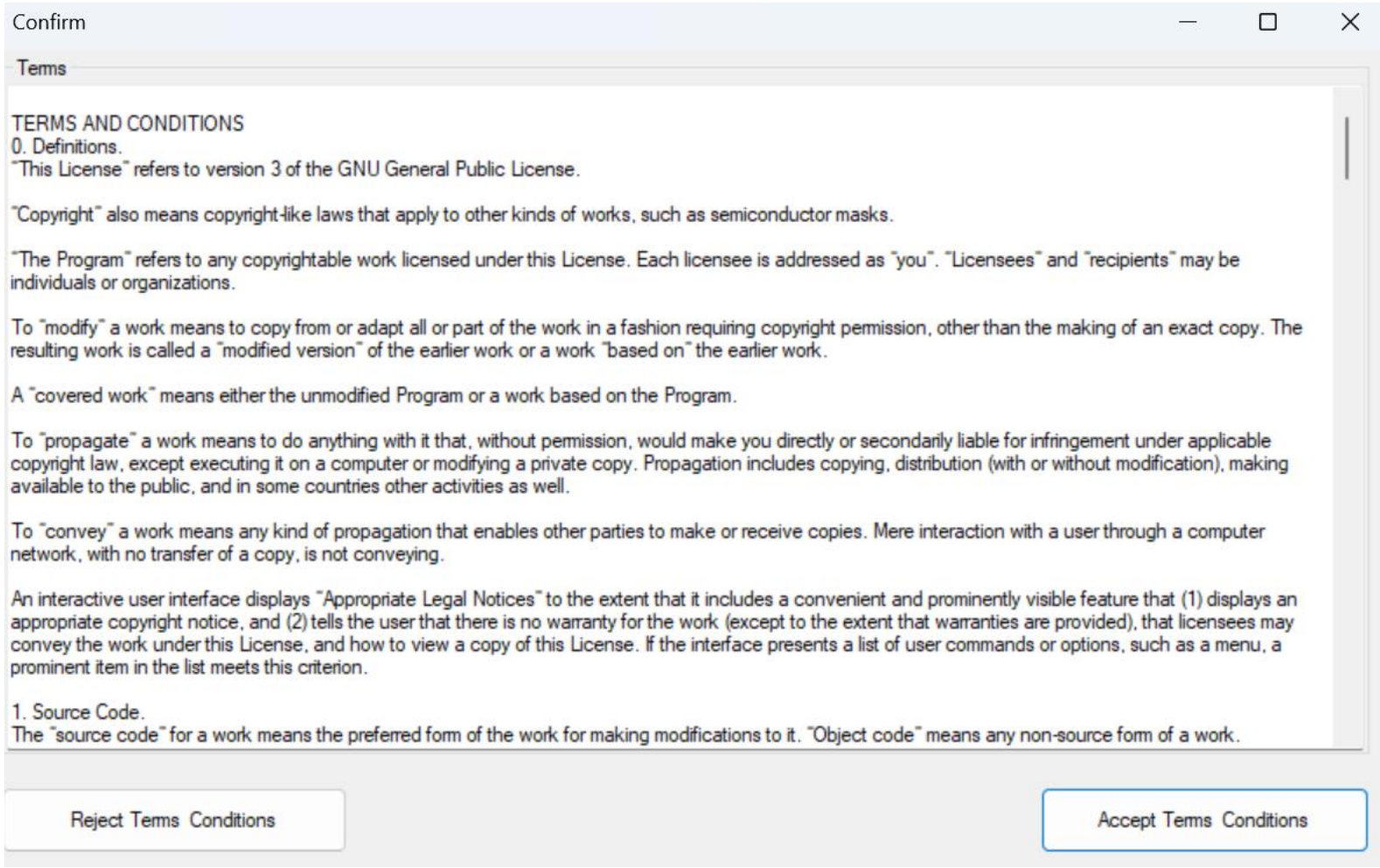


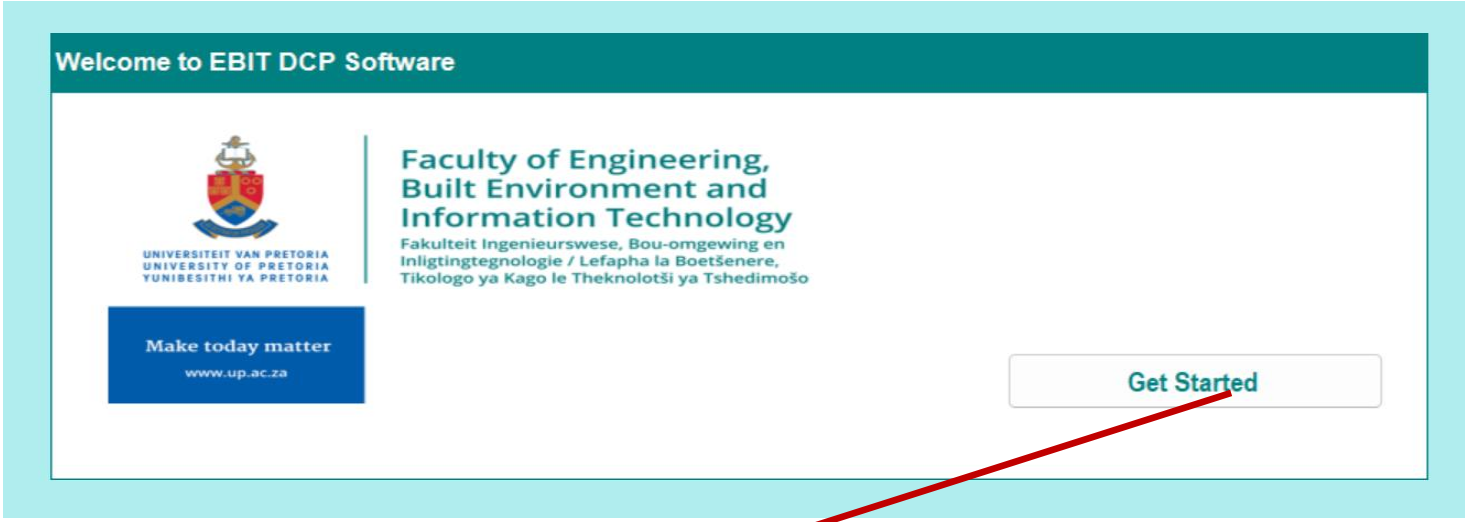
Website – Download software

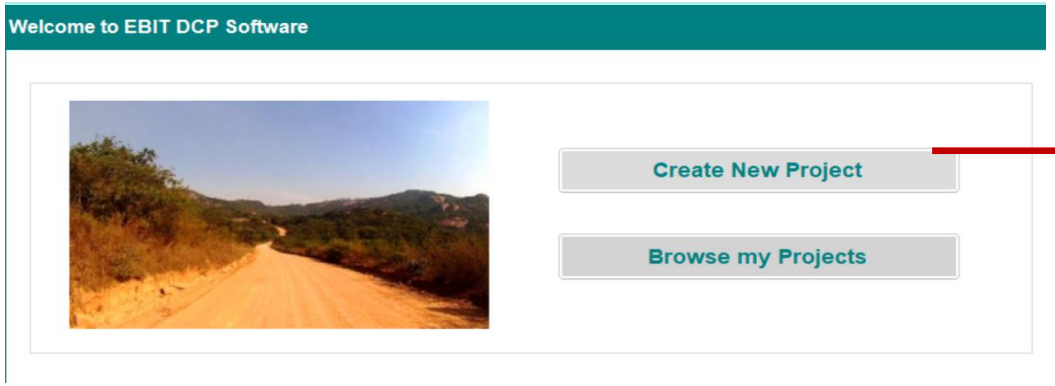


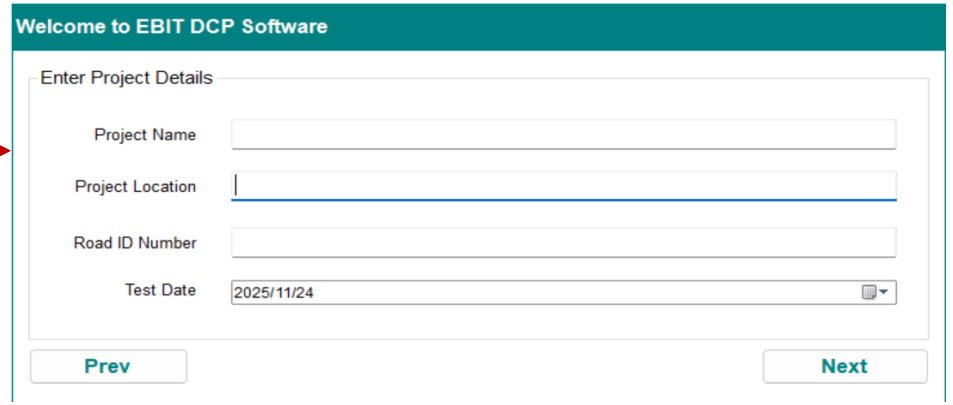
Using the software



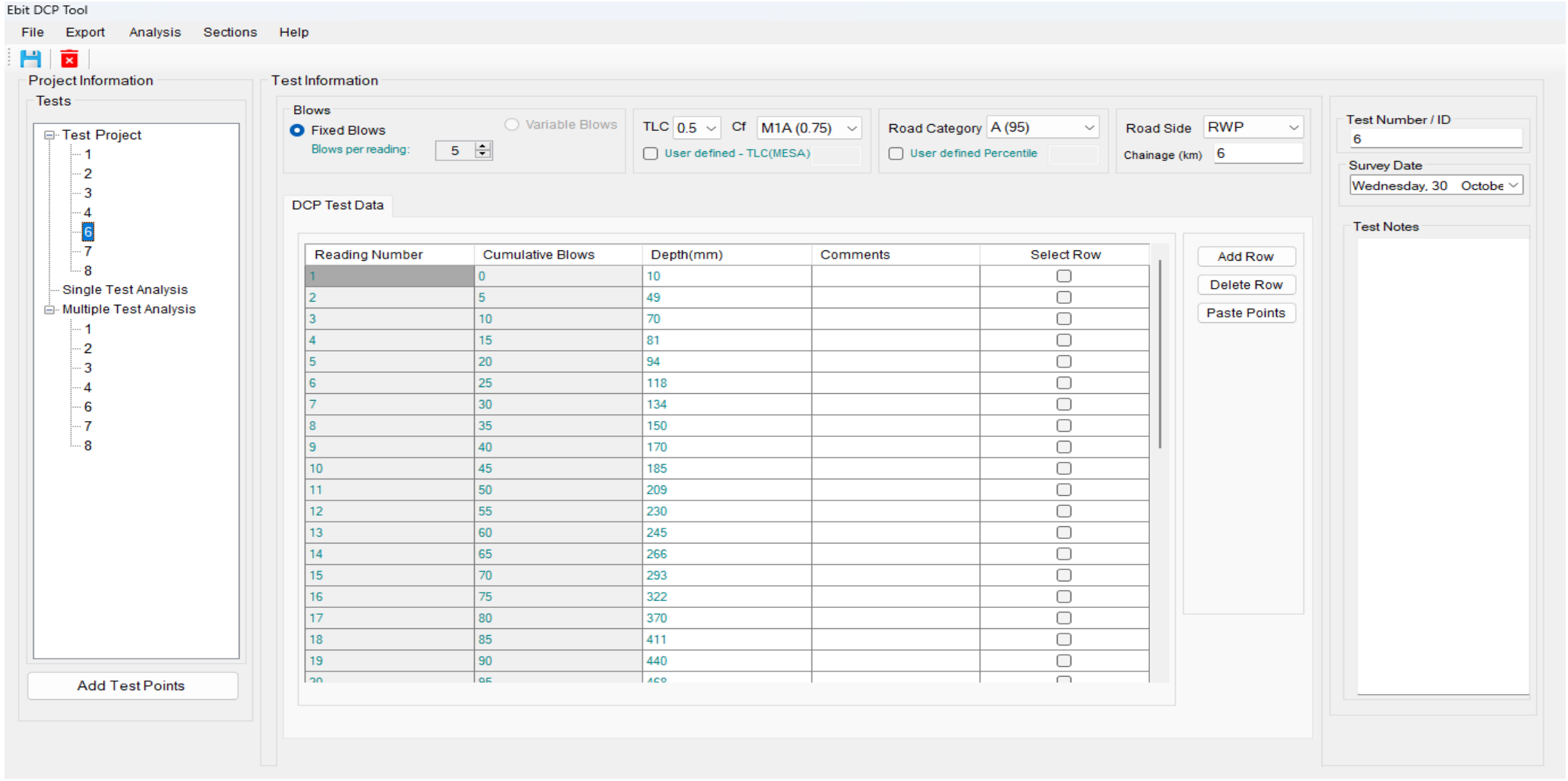
Key features - Home screen



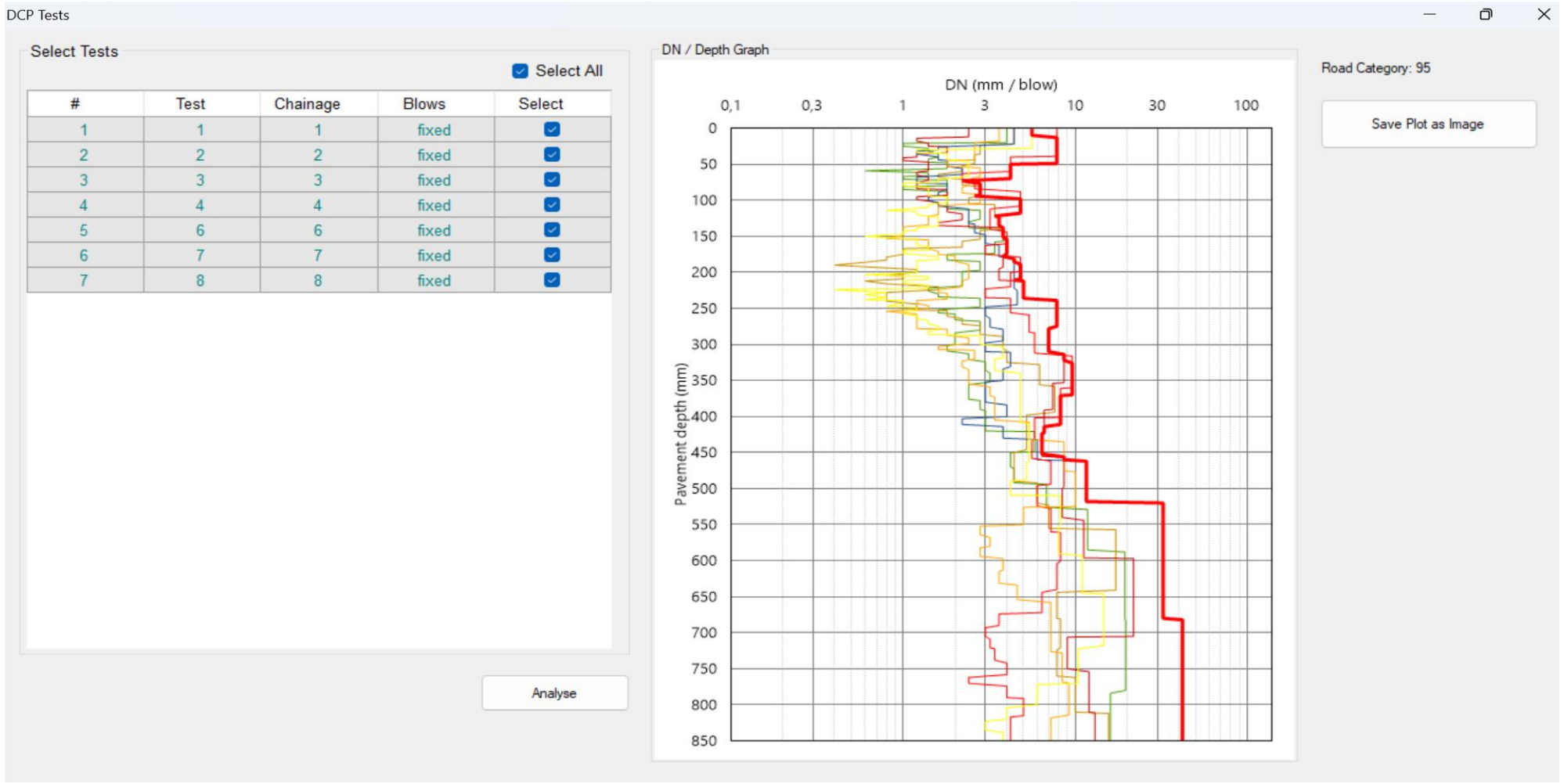




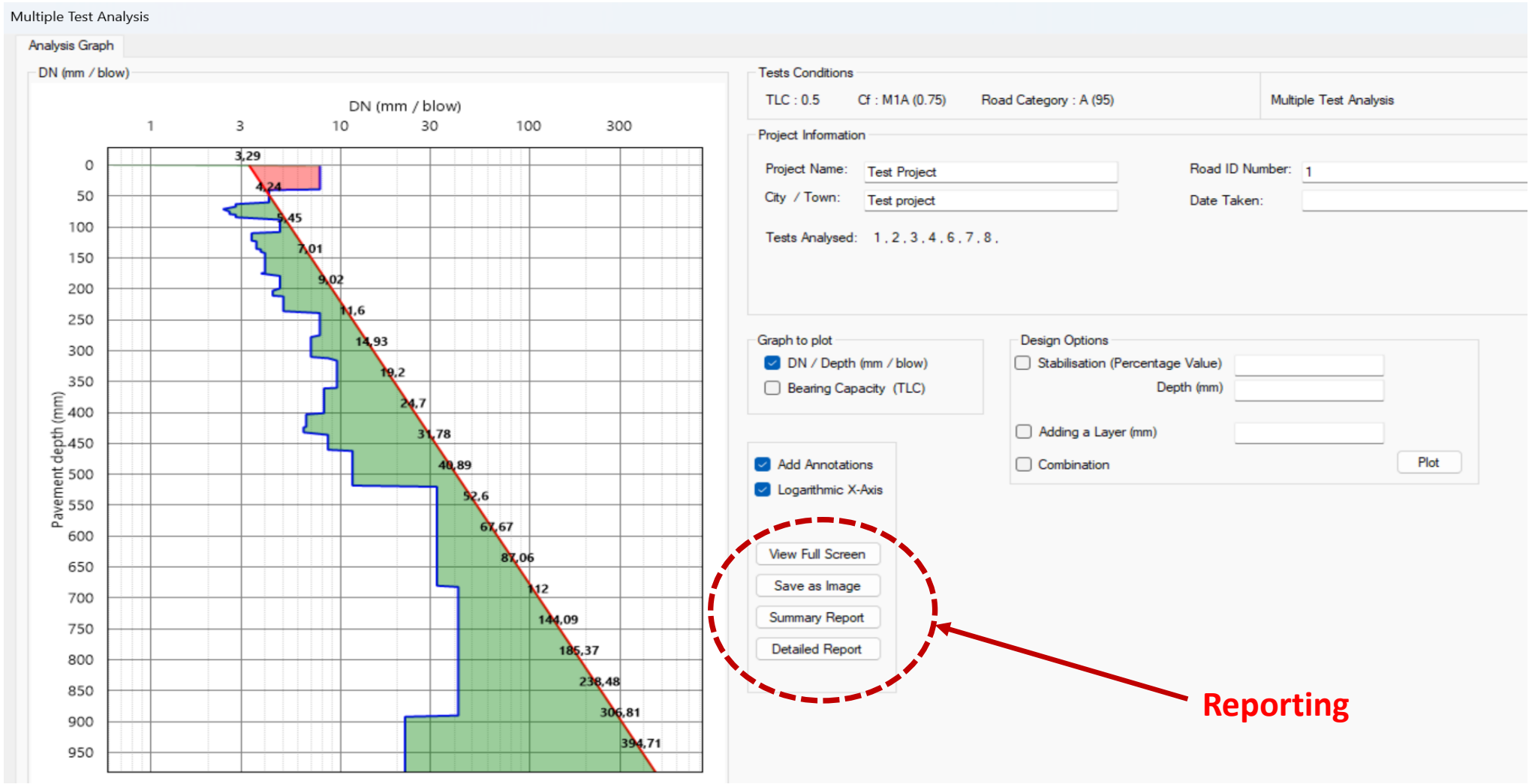
Typical project



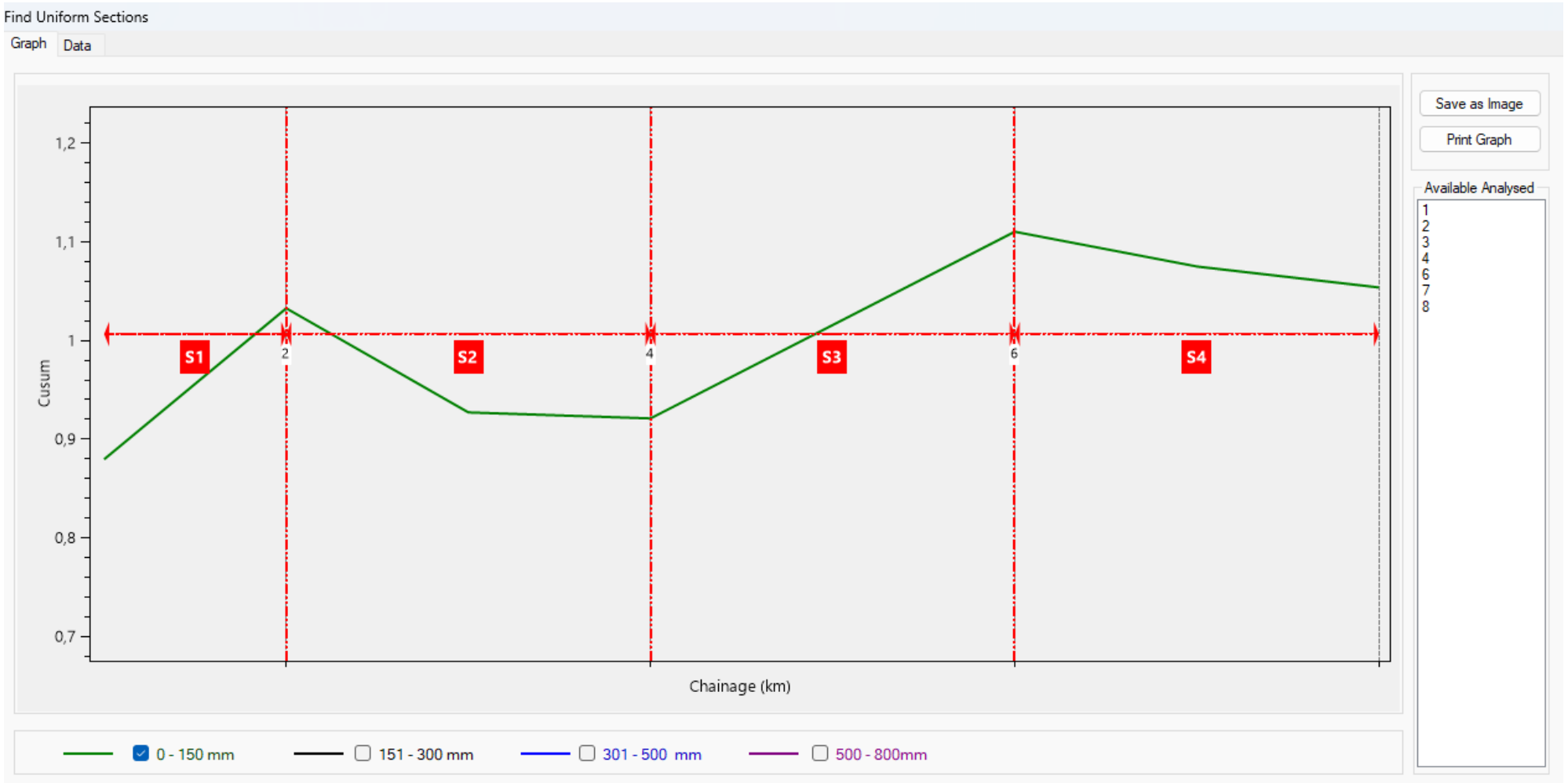
Data analysis/processing



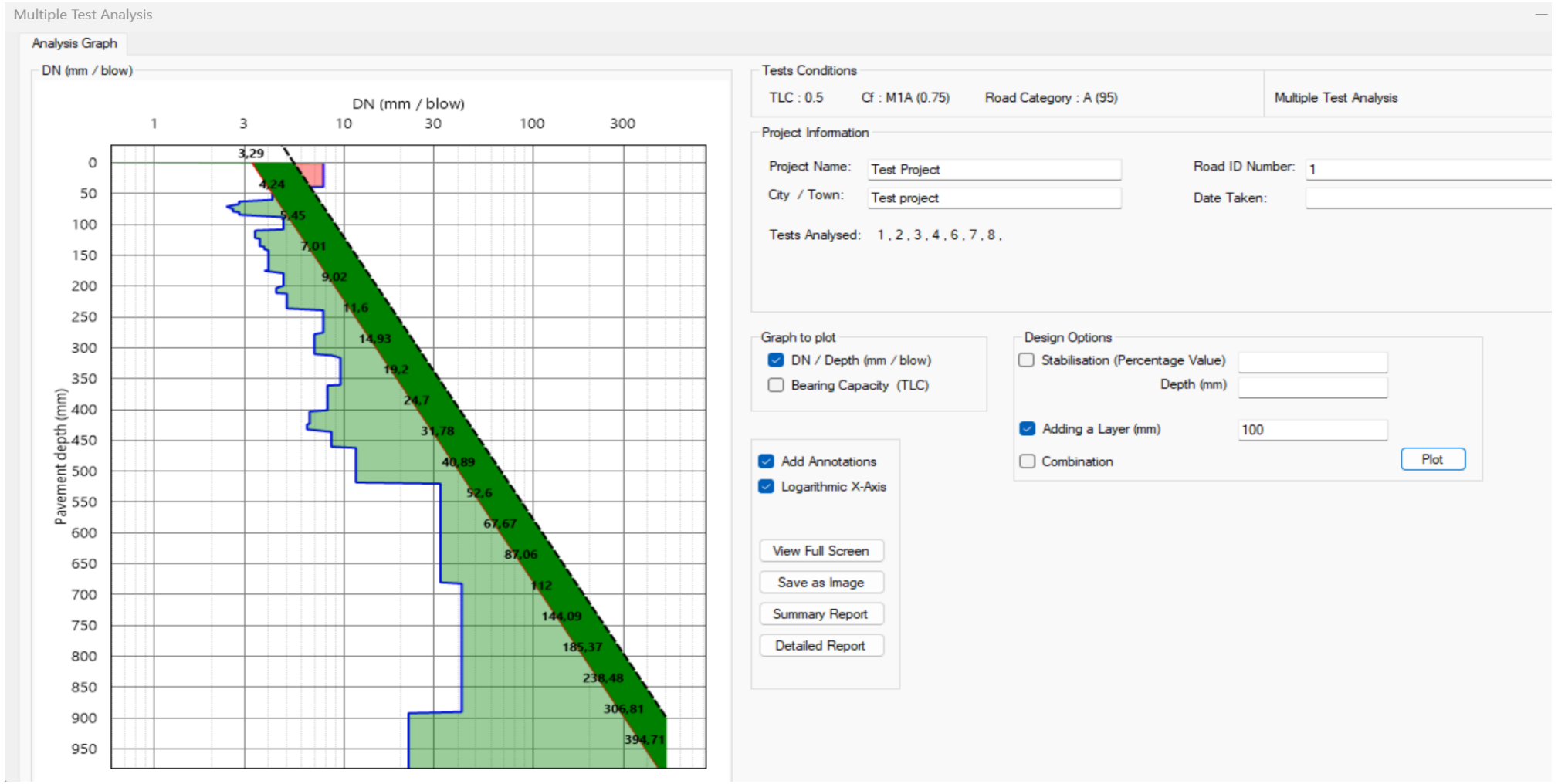
Data analysis/processing



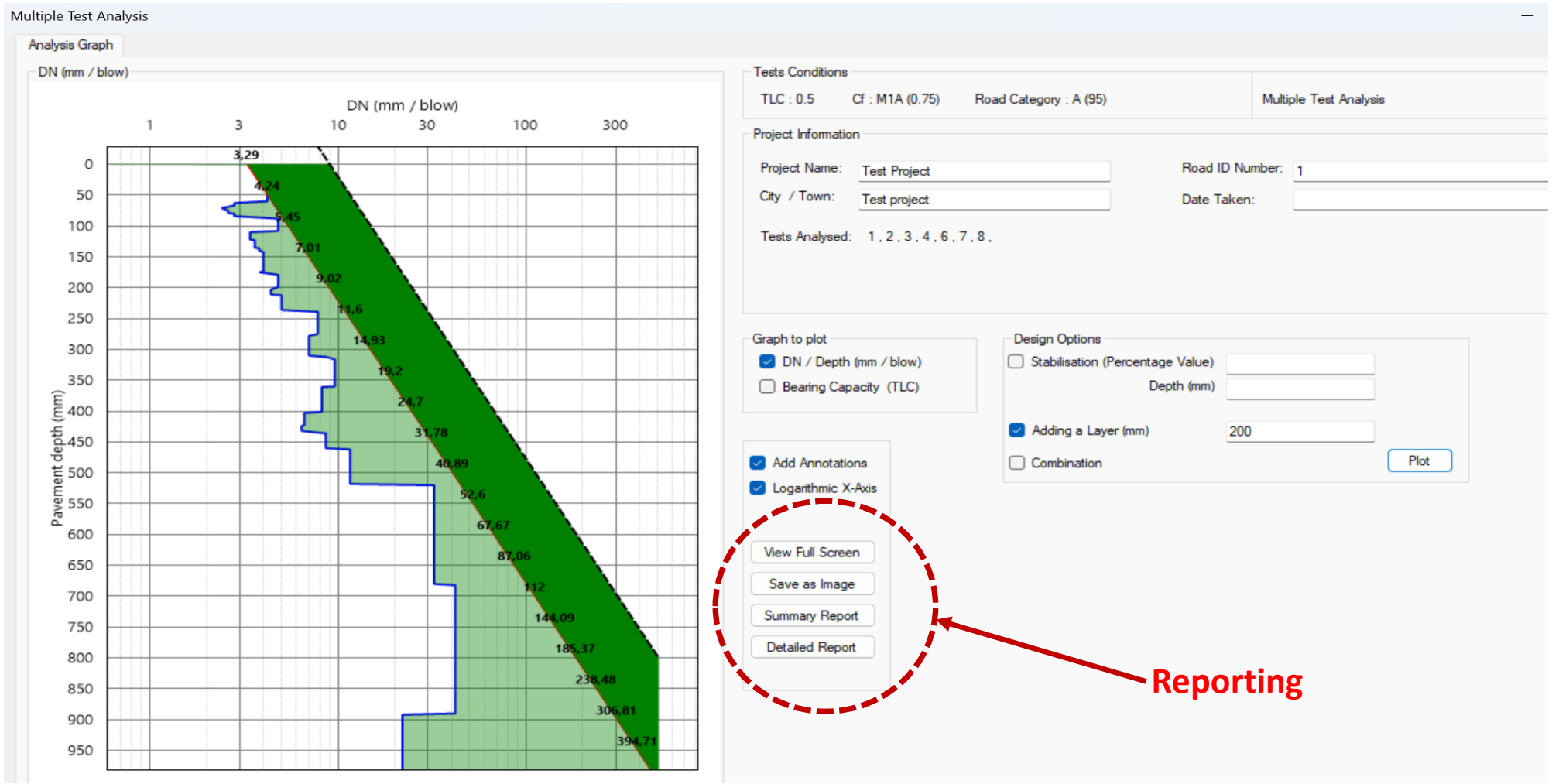
Analysis: Uniform sections – End of Phase 1



Analysis – Phase 2 – Add 100 mm layer



Analysis – Phase 2 – Add 200 mm layer



Thank you

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