

## **Program Details**

Windows 7/8/10

**OPERATING SYSTEM** 

## **ARTICLE NUMBER**

ggu-02-005

## Description

**GGU-UPLIFT** – Analysis of buoyancy safety and hydraulic failure safety.

## Capabilities:

- Analysis using either the global safety factor concept (DIN 4126) or the partial safety factor concept (DIN 4126-100 and EC 7/DIN 4126:2013)
- Determination of buoyancy safety
- Determination of hydraulic failure safety 'classical' or after Aulbach/Ziegler
- System optimisation (e.g. thickness of a liner layer) in terms of demanded safety factors
- System input and visualisation using absolute heights
- Input of any soil strata configuration
- Soil properties can be selected from an expandable database of common soils
- Graphical system presentation using eitherpore water pressure distribution, potential course or gradient visualisation
- Adopted standards and partial factors can be included in the General legend
- Program name and version can be included in the General legend
- Variable, user-designed output sheet
- User-defined design of output sheet
- Print or copy screen sections, e.g. for transfer to a word processor
- Integrated Mini-CAD system for additional annotation of graphics





