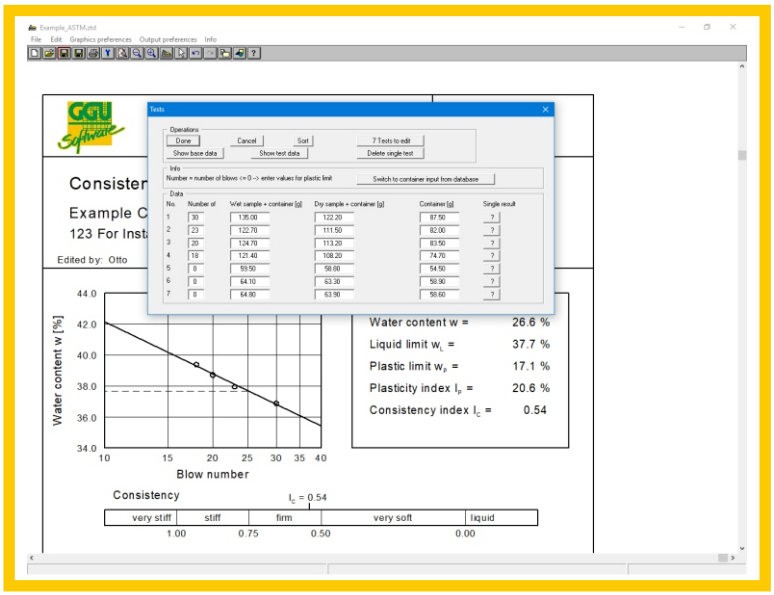
Program Details

Article number
ggu-04-004

Operating System
Windows 7/8/10

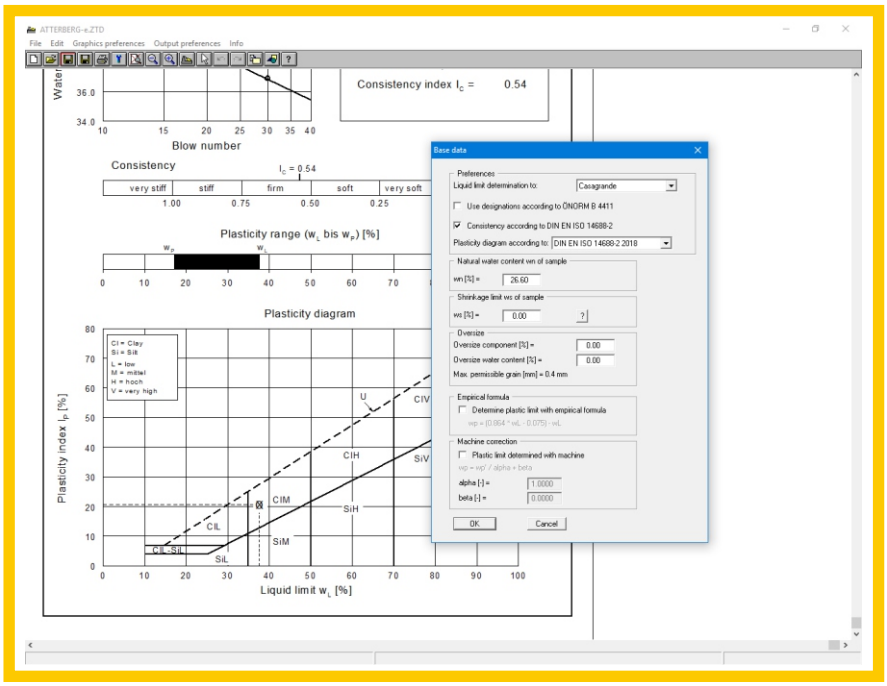


Description

GGU-ATTERBERG *– Evaluation and visualisation of tests to determine consistency limit to DIN EN ISO 17892-12.*

You can evaluate the following tests:
- *Plastic limit*
- *Liquid limit*

Capabilities:
- *Input of max. 16 single tests*
- *Mould weights for water content determination can be defined via a database*
- *Manual value pair (blow number/water content) input possible*
- *Consideration of oversize components*
- *Liquid limit determination according Casagrande or to the falling cone method*
- *Determination of plastic limit possible using empirical equations or with machine correction factor*
- *Choice of presentation of consistencies to DIN EN ISO 14688-2*
- *Choice of presentation of plasticity diagram to DIN EN ISO 14688-2, DIN 18122, ASTM or BS 5930*
- *Shrinkage limit presentation possible*
- *Choice of designations compliant with Austrian ÖNorm B 4411*
- *Result output table*
- *User-designed output sheet*
- *Print or copy screen sections, e.g. for transfer to a word processor*
- *Integrated Mini-CAD system for additional annotation of graphics*



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Report: 2018
Annex: 3

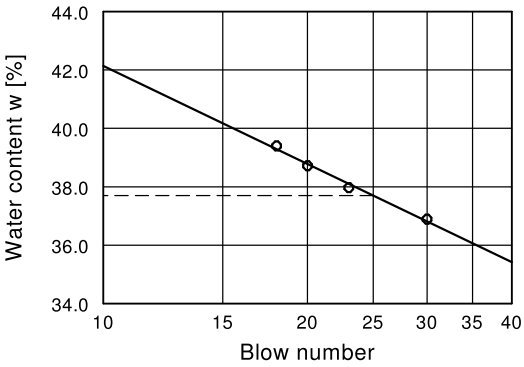
Consistency limits

Example City

123 For Instance Road

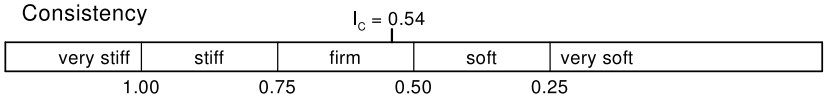
Edited by: Otto Date: 2018-03-02

Sampling point: B1
Depth: 2.0 - 2.3 m
Type of sampling: disturbed
Soil type: T, u'
Date of sampling: 2018-05-02

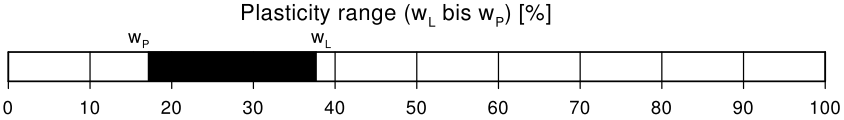


Water content w =	26.6 %
Liquid limit w_L =	37.7 %
Plastic limit w_P =	17.1 %
Plasticity index I_P =	20.6 %
Consistency index I_C =	0.54

Consistency



Plasticity range (w_L bis w_P) [%]



Plasticity diagram