

Release history for Geotec

Version 8.13.1 - 2025-04-07

NEW

- Support of EPSG coordinate projections for the conversion between latitude / longitude and easting / northing, using the *Maptiler* web tool
- Import and export of Excel workbooks with multiple sheets, with possibility of mapping tab and column names
- Import and export of projects in DIGGS format
- Data entry and display of depths using unit system of site, or in meters or feet; and of lengths using unit system of site, or in meters, feet, inches or centimeters
- Support of linear measurements in Imperial (IM) as well as International (SI) systems (depths, lengths, distances, coordinates)
- Conversion of linear measurements of a site via the dropdown list of UNIT_SYSTEM between IM (feet) and SI (meters)
- Display of links to database in Object mode
- Addition of “marker” display type to display a marker associated to a value

MODIFICATIONS

- CSV import: Allow to map column names, and to view data directly after import
- gINT import: Allow importing values associated to samples into PROPERTY_VALUE
- Lab: Allow to choose and print a selection of samples via the # window
- Style files: Allow to batch delete all invalid objects, i.e. outside the graphic page
- Simplified to a single option for “black and white”, applicable to the screen and printer. Saving as PDF is always in color.
- Database structure:
 - Increased size of CODE field of PIEZOMETER_SEAL table to 20 characters
 - Renamed PARENT_NO to ASSOCIATED_NO in BORING table
 - Simplified and deleted obsolete fields for the layout window “Report_Col and “Report”
- Display of patterns and markers in LIST_ABBR form
- Double-click:
 - Open patterns editor via CODE1 field of STRATIGRAPHY and SAMPLE, and CODE of PIEZOMETER_SEAL to visualize available patterns
 - Open LIST_ABBR via numerical fields to add equivalences or ranges of values

CORRECTIONS

- Pro:
 - When retrieving an axis with no implementation points, if the option “display borings of all nearby sites” is checked
 - If the option “No marker” was checked in a style from an older version

- When aligning borings in the plan view and profile view, with dimensioning « based on style file »
- Log: On *clipping* of PL-LL and PCMIN-PCMAX curves when a polyline or point is also displayed in the same column
- When saving to PDF, if the directory of the file generated, or of the files used (such as logos) contains accents
- When import a gINT file or saving reports to PDF, the directory of output files should not change
- In the dropdown lists of laboratory equipment
- When using number formats for equation results
- Removed the retrieval of number of records per table via “Open table”
- Ignore archiving status of sites / borings for groups of records (SEL_ tables)

Version 8.13.0 - 2024-09-26

NEW

- Compatibility with standard formats:
 - Import and export of .ags files
 - Batch import of .gpj (gINT) files with definition of mapping(s) saved in the corporate database
 - Export of current project into an MSAccess database that can be imported into Seequent's Leapfrog software <https://www.seequent.com/products-solutions/leapfrog-software/>
 - Conversion of style files based on current mapping to read gINT files
 - Saving of graphic reports in PDF and DXF formats
- Licenses:
 - Offline License (without internet access) for a period of 14 days maximum, if needed.
 - Academic License and Emergency License
 - Allow to block and unblock a user via the Client Dashboard
- Databases:
 - Support of MySQL as database management system
 - Centralization of predefined lists and equivalences into a single abbreviation table, LIST_ABBR. The LIST_ABBR table is created when updating the database in DBM or when connecting, for an MSAccess database. The LIST_ABBR table includes predefined abbreviations required by Geotec. Standard abbreviations in geotechnics and geoenvironment can also be inserted, and lists previously customized by the company in LIST_FRE and LIST_ENG can be transferred. The descriptions of abbreviations can be in French and English. Note: the former tables are kept for reference.
- Entry forms and calculations:
 - Support of 3TM projection system used in Alberta and UTM projection system in the southern hemisphere, with a negative zone
 - Ignore a record in the display and calculations by entering an X in its Transfer field. Does not apply to strata.

- Conversion of depths and lengths of a project from international system (meters) to imperial system (feet) and vice versa in the Site entry form. **Removed the task from DBM.**
- Automatic depth increment in the Vane entry form
- Support of Greek symbols used in gINT (e.g.: <<DMK!SYMBOL UC>>)
- Log:
 - Depth per page associated to the site and / or boring for boring logs
 - Display linked to a DEPTH_xx field of a value from the same table with &&FIELD, or of an equation
 - Display of a value from the same table for polylines, points and histograms with &&FIELD (ex: display ST as label next to SU symbol).
- Lab:
 - Multiple page reports. Choice of a one-page report per sample, or a multi-page report with definition of a maximum number of samples per page and grouping by boring or site, if desired.
- Pro:
 - Options for dimensioning the profile view with user-imposed horizontal scale and vertical distortion: the multi-page report and the 'Model' report to visualize the full profile.
 - Creation of stratigraphic profiles with the mouse
 - Use of the wheel to zoom in the plan and profile views

MODIFICATIONS

- Complete overhaul of the pattern and marker editors.
 - Ability to save the list of patterns / markers in PDF.
 - Revision of default patterns file geotec813.ptn according to USGS references by renaming the rocks to avoid duplicates. Maintained support for old existing names.
- Licenses: **Use of the PIN is no longer supported**
- DBM and database structure:
 - Data transfer one site at a time in DBM to optimize memory
 - Lengthened TYPE field of SITE, BORING and SAMPLE tables to 6 characters
 - Lengthened CODE1 field of RUN, SAMPLE and STRATIGRAPHY tables to 20 characters
 - Lengthened FORMATION field of STRATIGRAPHY table to 40 characters
 - Lengthened LOCATION field of BORING, AXIS and BAROMETER tables to 255 characters
 - Lengthened CLIENT_NAME field of CLIENT table to 255 characters
 - Added fields CLIENT_NAME, CONTRACTOR, MANAGER and REFERENCE in SITE table
 - Added field DEPTH_PER_PAGE in SITE and BORING tables
 - Renamed MATERIAL to MAT_NO in various tables
 - Added field REMARK in DPT table
- Lab:
 - Simple query directly opens entry form associated to current style file
 - Automatic refresh of graphic report when inserting new data

- Drop-down lists:
 - Use of Ctrl or Shift to select multiple values in any drop-down list. +Value and +Description choices have been removed
 - Equivalences to be defined in the LIST_ABBR table instead of EQUIVALENCES (e.g.: R for N=100)
- Entry forms:
 - Reorganization of Site entry form and addition of several fields
- Log:
 - Ordering of values in PROPERTY_VALUE columns according to order defined for the properties
 - Display of polylines 2 points at a time – to be able to present more than 3 polylines per graph, if necessary
- DXF format:
 - Improved support of special characters in graphic outputs (Greek symbols, subscripts and superscripts, bold, italic and uppercase characters)
 - Improved precision by transforming displays in millimeters rather than pixels

CORRECTIONS

- Can enter a passing % for the hydrometer test when the separation sieve does not have an associated value from sieving
- Use of 'Decode' function even with comma as decimal symbol
- Use of the vertical bar in object and table statements

Version 8.12.2 - 2023-11-15

NEW

- DBM: New task to Convert depths and lengths from International System (meters) to Imperial System (feet) and vice-versa
- Piezocone test:
 - Support of non-hydrostatic U0 defined by the user
 - Addition of UH predefined curve to display hydrostatic U0

MODIFICATIONS

- Deletion of tables STRATI_CODE, MISC_CODE, SAMPLER and NIL via a database update in DBM

CORRECTIONS

- When printing in PDF (other than via Adobe) for borehole logs with multiple pages, for certain computers using Windows 11
- When adding a sample after a sub-sample (the sub-sample number was previously copied)
- When using the vertical bar in SQL statements for queries
- When displaying the license information window after deactivating a removable license
- When entering 1023 characters in the Long Text field of an MS Access database

Version 8.12.1 - 2023-08-17

NEW

- In DBM, after the preview in the data transfer task, you can double-click on any field with an underlined value (number > 0) to see the list of corresponding records
- CSV file import: Addition of a preview to see the number of records that are existing, or that will be inserted, modified or replaced. After the preview, you can double-click on any field with an underlined value (number > 0) to see the list of corresponding records

MODIFICATIONS

- In DBM, the data transfer is done for all data checked, no matter which tab is selected
- In DBM, removal of the option Transfer all records. The transfer always validates the existence of the records
- Renamed field PEAK to CONFIDENCE (TROMINO table)
- Associated the barometer number and default B1 value to the boring instead of the piezometer (table BORING instead of table PIEZOMETER)
- Added a checkbox labelled "Inactive" to indicate that a piezometer is not longer monitored
- Support of chainage with + for values smaller than 1000 (ex: 0+125)

CORRECTIONS

- When using the elev() function written with a capital letter, and when the depth is an integer with one character (1 to 9)
- In the new LID licensing system when the Window username has accented characters
- In Time, to the data redraw when individual points with text are displayed

Version 8.12.0 - 2023-05-26

NEW

- Use of online licensing with license identification (LID).
Licenses with PIN remain functional.

MODIFICATIONS

- Display of borings on profile views even if Z is null or 0 (displayed at z = 0)
- Default directory for text reports set to Geotec/Transactions for new installations
- Removal of executable files relating to previous licensing protected by PIN (wstcode.exe, srvfile.exe, srvcode.exe and SKM.exe)

CORRECTIONS

- When redrawing tables in Navigation mode in the Lab module mainly
- To the information shown for Double type fields, and to the number of decimals displayed by default for those fields

Version 8.11.7 - 2023-04-11

NEW

- Addition of seismic line projection in Pro
- Support of <>, <<U>>, <<I>> and <<r>> tags used in the gINT software for bold, underline, italic and right align attributes, respectively

MODIFICATIONS

- Piezocones: To the equation between zones 2 and 3 for SBT
- When data is displayed in Navigation mode in Pro and Site

CORRECTIONS

- (April 21): When doing a query with multiple selections (> 20 characters)
- (April 21): In the display of the Management data in the Sieving and Hydrometer tabs of the Grain size entry form
- (April 14): Removal of foreign key between AXIS_STRATA and MATERIAL tables for quicker CSV import → Database must be updated via DBM
- If the NAD or coordinate system entered has more than 10 characters
- When adding a new sub-sample if the field SUB_SAMPLE was increased to more than 1 character
- When using line feeds in SQL statements

Version 8.11.6 - 2023-02-23

CORRECTIONS

- (March 2): Modified piezocone data retrieval with an ordering on depth for the calculation of test results
- To continue supporting NOKEY codes
- In the display of borings as a function of chainage and offset to the axis (borings without coordinates) in Pro and in Site
- In the display of equidistant borings if the X-axis limits are rounded
- When adding new records in the Boring methods form to not copy the previous type
- When selecting a value in a drop-down list if its number of characters is greater than the field length. Value is then cut to the maximum length of the field
- When there are no cumulative records yet in the contract in SKM
- When a modal window is outside the main monitor, reposition the window to the center of the main monitor (for the issue when changing the number of monitors).

Version 8.11.6 - 2022-12-07

MODIFICATIONS

- To the use of Float fields which caused problems in SQL Server with the ODBC driver SQL Server version 10.00.19041.2251
- Faster data retrieval in PROPERTY_VALUE entry form when using the value format for each property

CORRECTIONS

- (December 12): in displaying text vertically (angle of 90 degrees) in Pro

- To the Spec entry form to not send a message for data deletion and update when modifying the grain size requirement

Version 8.11.6 - 2022-11-15

- Entry forms:
 - Addition of automatic creation of layers from samples
 - Support of colors and patterns for ranges of numerical values (ex: color X for RQD of 0 to 20)
 - Focus in 1st field when activating Query mode (F7) and after executing the query (F8) in all 3 display modes
 - Addition of fields Type and Method in the Boring methods entry form (CASING table)
- Log:
 - Ability to display the depths of samples only, sub-samples only, or samples and sub-samples, via the "Series" of the DEPTH curve
 - Support of vertical texts without "word wrap"
- Pro:
 - Correction after unchecking borings for those that were not visible on the plan view
 - Automatic creation of LIST_BORINGS group after a data query to be able to display information about the borings in a table
- DBM:
 - Addition of a few grain size specifications, sieving methods and hydrometer calibrations only if the corresponding box is checked
 - Modification of primary key of table CASING to include only SITE_NO, BORING_NO and DEPTH_TOP
- SKM:
 - Modification of the access to the Geotab licence database (to avoid port 1433)
 - Addition of current user in the Geotab tab (can be modified with admin password)
- Graphics:
 - Correction when refreshing the graphic report when adding a new record
 - Correction in texts and text zones of multiple lines when there is an equation and empty fields that were indicated as "0"
 - Correction of SQL statements if "FROM" was in lowercase

Version 8.11.5 - 2022-10-18

- Combine button of Grain size entry form deactivated except in Lab
- Correction to drop-down lists in Hydrometer tab after changing DB
- Force the type of selection for Code1 and Prop in Sample and Stratigraphy entry forms
- Correction when using the drop-down list of Code1 in the matrix
- Display the list of type 'S' patterns (soils) in Code1 in Sample entry form
- Correction in Limits entry form with several samples when clicking on a tab at the bottom

- Correction when changing the display mode in Limits entry form which gave an SQL error when selecting a sample number

Version 8.11.5 - 2022-09-02

- Fix (Sept. 21): addition of rows in Datasheet mode for samples must not generate default values if the state is empty and Sample sampler is not active
- Fix (Sept. 21): calculation of the depths of samples was not done in the Concentrations form
- Fix (Sept. 21): CORR field of GRAIN_SIZE_POINT table must be filled only if it's a reading, not when it's a value calculated with the composite correction
- Fix (Sept. 21): F factor was not taken into account correctly in batch calculations of grain size curves
- Fix (Sept. 9): addition of rows in Datasheet mode for sub-samples was not working (Sample form)
- Fix (Sept. 9): tables numbered > 100 were redrawn in red when navigating (Lab)
- Fix (Sept. 7): message after selecting the sieving method was shown twice (Grain size form)
- Fix (Sept. 7): description was regenerated when changing the code or proportion (Sample and Stratigraphy forms)
- Fix (Sept. 6): copy of incorrect B coefficient in the creation of default hydrometer calibrations (DBM)
- Graphic outputs
 - Corrected use of top depth in Log
 - Increase of the maximum number of points per polyline from 6400 to 10000
 - Correction to fixed primary and secondary steps of X and Y axes
 - Improved detection of formats in tables and objects, for example with the use of quotation marks or the period in alphanumeric texts
 - Corrected display of patterns for "U" type layers (USCS)
 - Corrected detection of sub-layers when grain size and gradation are used
 - Corrected display of the Step mode in Pro
- Entry forms: General
 - New buttons to toggle between Tabs, Datasheet and Columnar formats
 - New general calculation window opened by calculation functions
 - Calculations without the need to display data graphically (piezocone, grain size analysis, etc.)
 - Support of % for queries on dates in SQL Server and Oracle (ex: 2022-04%)
 - New batch calculation of sensitivity S_u / S_{ur} in Swedish Cone and Vane entry forms
 - Saving sample depths and lengths with 4 decimals instead of 3 to avoid rounding inaccuracies following feet – meter conversions
 - Default length for remolded and intact samples is 0.6096 meter (2 feet)
 - Default length for grab samples is 0.3048 meter (1 foot)
 - New field CLIENT_NO in CONTRACT table to create the link with the defined client
 - Reorganization of several entry forms in Tabs format
- Entry forms: Laboratory tests

- Limits entry form: Modification of the Swedish cone test to allow to enter up to 4 penetration values, and addition of an initial reading to be subtracted from values, if applicable.
- Improved entry of grain size specifications
- Modification of field type from 7.3 to 11.3 for masses in Grain Size and Proctor (mould) to allow masses greater than 10,000 grams
- Hydrometer entry form: Added times of 30 seconds and 1 minute
- Hydrometer entry form: Addition of F correction factor for density
- Grain Size entry form: Better management when changing sieving method
- Sieving Method entry form: Reorganization of the definition of diameters and their sieve group
- Proctor entry form: Can indicate a passing % at a certain diameter if the grain size test was not done
- Entry forms: Soil matrix
 - Added « saturated » checkbox for moisture
 - Correction when saving the density or consistency code after changing the soil material
- Entry forms: Piezometers
 - Support of Levelloggers including calculations and graphic representation
 - Addition of barometric correction via the BAROMETER table for vibrating chord piezometers and Levelloggers
 - Addition of labels for point data in Time
- Entry forms: Piezocone tests
 - Addition of CONDUCTIVITY field and calculation between electrical conductivity (mS/m) and resistivity (ohm-m) based on $\text{resistivity} = 1000 / \text{conductivity}$
 - Correction in the initialization of few variables in the calculations
- Google Maps
 - Improvements when adding axes and limits interactively with the mouse
 - Improved initialization of the map position and zoom
 - Addition of axis creating without prior query
 - When creating an axis, conversion from longitude/latitude to geodesic coordinates based on coordinate systems of the selected site
 - Optimized display of the map and geotechnical entities based on coordinate systems
- Rock data
 - Modification of the Joints and Runs entry forms and calculations
 - Modification of the entry form and addition of calculations for point load test
 - Addition of UCT entry form (uniaxial compression test) and of calculations
 - Addition of Rock entry form (ROCK table) for default parameters in rock mechanics
 - Addition of ROCK_SET table to define default joint sets
 - New predefined curve for table ROCK_JOINT to display the number of joint per meter or per fraction of meter based on data entered
 - New predefined curve for table ROCK_JOINT to display the average joint spacing per meter or per fraction of meter

- Import External Data
 - Option to import into archived sites or borings active only if an archived site or boring exists in the database
 - Ability to edit the values in the Import Data window before inserting them in the database, and to resave the .csv file if desired
- DBM
 - Corrections in the dictionary produced for Oracle
 - Correction for Oracle for dates
 - Deletion of COORD_SYST and NAD fields in AXIS
 - Option to import into archived sites or borings active only if an archived site or boring exists in the destination database
 - Addition and modification of several fields and tables via the update
 - Addition of default records when creating and updating databases (sieving methods, hydrometer calibrations and grain size specifications)
 - Addition of warning messages in the update and transfer tasks
 - Correction in transfer loops when tables are unchecked
 - Modification of the default N4_VERTICAL view to show only N1, N2, N3, N4 and the remark one below the other
- SKM
 - Correction to the uses available with the admin password (Geotab tab)
 - More explicit information on the licence or maintenance expiration of Geotec network licences

Version 8.11.3 - 2022-02-23

- Samples:
 - Length or bottom depth to be entered for each sub-sample A.
 - Number of 1st sample suggested as 01 instead of 1
 - Addition of “Same sampler” checkbox to copy the type and length of the previous sample when adding new samples
- Matrix:
 - Improvements in the use of the “Copy from previous” button.
 - Modification of “black earth” for “topsoil”
 - Cohesive soil by default only for
 - *Clay* as main component
 - *Clayey silt* with no other main component
- Modification to the shortcuts in the entry forms:
 - [Home] to go to beginning of field
 - [End] to go to end of field
 - [Ctrl]+[Home] to go to first record
 - [Ctrl]+[End] to go to last record

- [Arrow up] and [Arrow down] to go to previous or next record in Datasheet mode, or to go to previous or next field in Columnar or Tab format
- [Page Up] and [Page Down] to change page in the borehole report
- Lab:
 - Correction of labels in grain size combination entry form
 - Correction in the display of test points for the liquid limit (Casagrande and Swedish cone)
- DBM: Addition of comparison of Required field
- Time: Correction when doing a query in PIEZOMETRIC_LEVEL table

Version 8.11.2 - 2021-12-09

- Lab:
 - Correction to the samples displayed in the tables in style files for Atterberg limits
 - Correction to the link between LIMITS and LIMITS_POINT tables
- Pro: Correction after query returning no result
- Lists:
 - Correction when parsing on a space in the LIST tables for sample state
 - Correction when using cumulative lists as to not repeat the same value
- Application of the format and type of list of each property for its values and remark
- Correction to the window considered as current following a navigation when two windows are opened
- Correction in marker editing for arcs and pie objects
- CSV import:
 - Allow inserting only part of the records of a CSV file
 - Support the carriage return
 - Create the PROPERTIES associated to the records imported in PROPERTY_VALUE if the option "Create parent record" is checked
 - Addition of an option to allow or prevent the import into archived sites or borings
- DBM:
 - Correction to the boring selection after switching tab (Duplicate)
 - Addition of an option to allow or prevent the transfer into archived sites or borings
- SKM: Addition of the Geotab version installed on each tablet

Version 8.11.0 - 2021-11-05

- Soil description matrix:
 - Display of current sample or sub-sample #, or of depths of current stratigraphic layer
 - Several additions:
 - Category (Till, Fill, etc.)
 - % of cobbles, boulders, organic matter and debris
 - Maximum diameter of cobbles or blocks

- List of debris
- Grain size (sand and / or gravel)
- Gradation
- Density (if material is > 50% sand or gravel) or Consistency (if material is < 50% sand or gravel) – can be modified via Cohesionless / Cohesive button
- Plasticity
- Grain shape (gravel, cobbles or blocks)
- Carbonate content
- Oxidation state
- Structure, inclusions and evidence of contamination
- Suggested description: Category. Material (size), gradation, shape, color, oxidation, density / consistency, plasticity, moisture, calcareous. Structure. Presence (%) (list of debris). Inclusions. Evidence of contamination.
- Samples and sub-samples
 - When adding a sample, must first select its state (Grab G, Remoulded R, Intact I or Core C)
 - Sample numbering based on previous sample
 - Type and length added automatically based on selected state
 - Preferred type and length can be defined via drop-down list of STATE. In LIST_ENG, edit the DESCRIPTION of states G, R, I and C by specifying:

Label	comma	Type	comma	Length in meters
Ex :		Value		Description
		G		Grab, GB, 0.3
		R		Remolded, SS, 0.61
		C		Core, CR, 1.524
		I		Unremolded, ST, 0.61
 - Addition of a new sample only from deepest sample
 - Addition of sub-samples via “Add a sub-sample” button
 - Batch calculation of sample descriptions based on their matrix
 - Addition of a various properties table, specific to a sample or sub-sample
 - Properties defined in the PROPERTIES table
 - Displayed in Sample if their type is “3” (Sample type)
 - Ranked based on their “Order” – use an order of 0 to not display it
 - Can also be hidden via a right click for each user
 - Definition of a numeric format and units per property
 - Values automatically saved in PROPERTY_VALUE table
 - Batch calculation of value depths based on the samples via PROPERTY_VALUE
- Laboratory tests:
 - Support of sieving and hydrometer calculations in all modules of Geotec
 - Support of 3 calculation methods for the dry mass (hydrometer)
 - Support of the reading correction by control solution

- Addition of meniscus correction
- Support of Proctor calculations in all modules of Geotec
 - Support of 5mm normalizing correction and stone percentage correction (20mm)
- Support of Atterberg limits calculations in all modules of Geotec
 - Addition of raw data for water content, plastic limit, Casagrande liquid limit and Swedish cone liquid limit
 - Support of all calculations in the same entry form
 - Presentation of calculation graphs for liquid limit tests (Lab)
- Implementation of “X” in the Transfer field to discard a point from the calculation (Lab)
- Sample ordering in the tables based on sample number **OR** sample depth
- In the tables, automatic translation of the fields from HYDROMETER_POINT and SIEVE_POINT based on the DB language
- Style files (Log, Pro and Site):
 - Support of CODE1 display for samples (code for simplified classification)
 - Support of top (period = 1) and bottom (period = 3) alignment for points and polylines for values taken on samples or between two depths
 - Support of **bold**, *italic*, underline and UPPERCASE for 3 new elements for stratigraphic or sampling descriptions:
 - Categ: material category (Till, Fill, etc.)
 - Prim: primary material (proportion 1)
 - Second: secondary material (proportion 2)
- Graphic editing:
 - Addition of a red color to show modified fields (before saving)
 - Addition of function elev() to get the elevation of a DEPTH in the database
 - Deletion of link to obsolete Oracle forms (selection window)
 - Correction when selecting a pattern from the scrolling lists in the patterns editing window
 - Display of the style and database version and language with format 8.11.0 instead of 8.110
 - Correction when closing a window after using the Apply button
 - Automatic closing of all opened windows when changing the interface language or the database
- Entry forms (varia):
 - Addition in field ROCK_DEPTH of BORING table of the top depth of the first rock layer entered. It can be modified manually.
 - In the PIEZOMETER table, by selecting a code, copy of its description in the field Tube type, Filter type and Protector type (based on table of LISTS).
 - Addition of the type of drop-down list, applicable by field, namely:
 - 0: Default (like before)
 - 1: Distinct (existing values in the database for the current field)
 - 2: Value (value from LIST_ENG table for the current field, only one choice)
 - 3: Description (description from LIST_ENG table for the current field, only one choice)

- 4: + Value (same as 2, but the choices are concatenated after each selection)
- 5: + Description (same as 3, but the choices are concatenated after each selection)
- 6: None (no list opens)
- Addition of menu opened via right click on a field to directly edit the format and type of drop-down list, to protect the field or to freeze it (Datasheet mode)
- Use of the software language for the drop-down lists
- Addition of double-click in a field to open the LIST table on the values of its drop-down list, except for fields with type of list 1 (distinct) or 6 (none)
- Database (DBM):
 - Addition of *SLOUGHING_DEPTH* field (BORING table)
 - Addition of *PP* field (SAMPLE table) for pocket penetrometer value
 - Addition and modification of several fields used in the matrix
 - Addition of PROPERTIES table to defined the properties of the PROPERTY_VALUE table
 - Addition and modification of several fields for raw data (lab tests)
 - Deletion of several obsolete queries (views)
 - Skipping sys* views of SQL Server
- SKM: Addition of the last deactivation date for Geotab licences
- Correction when changing the language in DBM
- Correction to the display of the fillings (Ic and Isbt) for superimposed piezocones
- Correction to the use of 'distinct' for superimposed borings
- Correction when adding tables in Time

Version 8.105 and older versions

Please contact us to see the list of modifications for versions prior to Geotec 8.11.