

Veta 4.3 Release Notes

Installation

- Microsoft .NET 4.6.2 is required.
- Windows 7 SP 1 is the minimum supported operating system.
- Veta 4.3 can be installed on the same machine as previous versions.
- Veta 4.3 can open projects created in previous versions, but not vice-versa.

4.3.28

Analysis - Transverse Semivariogram

- Change: The standard deviation uses a different algorithm and now matches the value in the distribution table.
- Change: The default TSI specification has been changed. Moderate is now 30 and Severe is 70.
- Fix: The wrong temperature data was used for each subplot.

4.3.27

Existing HAMM projects will be reprocessed.

Import

- Fix: HAMM data that was recorded as Vibratory but had no HMV value was marked as Vibratory instead of Static.

Filters

- Fix: Adding more than one daily lot at a time could cause a crash.

Misc

- Fix: Could not save extremely large projects.

4.3.23

Final coverage will be reprocessed.

Filters

- Fix: Selecting a range of values for an item in a data filter had no effect. For example:
100 F < Temperature < 200 F

Analysis

- Fix: Changes to the subplots could cause the software to crash when navigating the analysis.

4.3.21

Existing Volvo projects will be reprocessed.

Import

- Fix: Some BOMAG files could be imported.
- Fix: Files using UTM with feet or survey feet were not imported correctly. We will not force a reprocess for this because the error could be seen on the map during import.
- Fix: ICMV type was not detected for Volvo final coverage files.
- Fix: ICMV type was not set to EDV for older Volvo all passes files.

Filters

- Fix: Using filters could cause a crash.
- Fix: Various issues with the ability to select filters. Same fixes that were applied to 4.2.37.

Analysis

- Fix: Switching to the analysis after changing the selected sublots for the (Empty Group) could cause a crash.

4.3.18

Misc

- Fixed: Displayed coordinates and units sometimes did not match the project coordinate system and the distance unit in the Options.

4.3.17

Existing thermal profiling projects will be reprocessed.

Import

- Fixed: Some files could not be imported.

Map

- Change: Search tool minimum radius changed to 1 ft (0.3 m). Default value changed to the same.

Filters

- Change: The cold-edge filter has been revised again. The revision in 4.2.36 (June 2017), allowed the filter to work with projects containing files containing different numbers of sensors, but yielded less desirable results than previous versions. The filter now gives the same results as the previous versions.
- Fix: Sometimes the Specific Date input was disabled.

Sublots

- Fixed: Displayed coordinates and units sometimes did not match the project coordinate system and the distance unit in the Options.

Analysis

- Fixed: The sublots length for the applied filter group did not update when the sublots were created.

Misc

- Fix: Various unit conversion issues.

4.3.12

Import

- New: Added support for Volvo soils and CMV files.
- New: Added support for the Oregon Coordinate Reference System

Map

- New: Search tool to list all data near a selected location.

Analysis

- Fixed: A given location in the thermal profile would be colored differently depending on the x-axis starting value.
- New: The semivariogram for thermal profiling has been replaced with a “transverse semivariogram”. The standard semivariogram did not always work well for thermal profiling data, especially when there is large temperature segregation.
- New: Added a legend for the thermal profile.

Reports

- New: Added option to choose if sublots should be reported. If not, only the summary will be reported, which can drastically reduce the size and time needed to create reports.
- Change: File export has been simplified to only export using the selected coordinate system.

Misc

- Change: Many performance improvements.
- Change: Location information now lists Northing/Latitude first, followed by Easting/Longitude.
- Change: Added support for very large projects.

Known Issues

- Minnesota County zones along Lake Superior are not importable: Cook North Shore, Lake North Shore, St. Louis North Shore.
- Individual lifts in Trimble files are not currently recognized. The pass counts shown are for all combined lifts.
- Thermal Profile for Pave-IR does not show in the PDF report.
- The aerial map may not show for some zoom levels.