

## GEOPAK Bugs

The following has been reported to BENTLEY/GEOPAK as software bugs.





- Items with the bug symbol have been confirmed by GEOPAK as bugs.
















- Items with the green shaded bug symbol have been fixed but not necessarily released.


#	Posted	Problem Area	Description
0808-156	8-16-07	COGO Input File Utility	This bug is unique to ProjectWise. Cogo>Input File Utility>Delete. While working with files in ProjectWise, If you Delete an input file from Cogo>Input File Utility, the cogo window says "File #### is deleted" but the input file does not delete. In the Input File Utility dialog the input file disappears for a second and reappears. When performing this task outside of ProjectWise, it deletes the file from the Input File Utility dialog and removes the actual file from the input file directory.
0808-155	8-8-07	D&C Mgr - Compute	When computing graphic quantities using adHoc attributes, if the pay item description is attached as a Remark adHoc, the description does not come through in the computational results or Quantity Manager.
0808-154	7-25-07	adHoc Attribute Manager	Changing adHocs with the adHoc Attribute Manager is removing some of the previously attached attributes.
0808-153	7-13-07	GEOPACK ProjectWise project folder	Once the gpktools.rsc file exists in the ProjectWise project directory, a second user accessing the same DGN from that directory for checkout will also receive the gpktools.rsc file checked out as well.
0808-152	7-10-07	GEOPACK Drainage	When an outlet node is selected, the Library Items available include both the Outlet and Headwall library items. <b>Follow-Up:</b> NOT A BUG – came back as WAD (works as designed)
0808-151	7-9-07	COGO Offset Profile	When using the "Offset Profile" tool in Cogo (Element > Profile > Offset), MicroStation locks up.
0808-150	6-25-07	Project Manager Port Viewer	When using the Port Viewer within Project Manager, if the Geopak preference for the station number of decimal places is set high enough (6) that the region does not fit in the Station text box, as soon as you click on the "Set" button and move the cursor over the XS View, the station text box switches to "1" instead of a valid station and the plan view goes off into an area way off of the chain.
0808-149	6-22-2007	Shape Maker	Superelevation Shape Maker > Filler Lines > Method > By Station. After a station value is entered, when you hit the Create. No filler line is created.
0808-148	5-24-2007	COGO Navigator	When using the Navigator>Visualize> All Points tool it bogs down. The visualization status bar gets to 99% and then the Navigator begins to flicker. After several minutes it will stop flickering and then be ok. <b>Follow-Up:</b> This issue has been confirmed and logged. It is ticket number 220858. Not fixed in version 08.08.02.73
0808-147	5-25-2007	COGO Navigator	Input file with parcel commands does not store the parcel correctly. This particular parcel should have several Parent Tracts but only few get stored. <b>Follow-Up:</b> Fixed in version 08.08.02.73
0808-146	5-14-07	Microstation	The Graphical Cogo > Store Line from Existing Points command does not work when the MicroStation > Workspace > Preferences > Look and Feel > Default Tool is set to "None". Click on the command, id the first point, and the tool disappears. The MicroStation tool Settings says "No Active Tool". <b>Follow-Up:</b> Confirmed it is fixed in 08.08.02.73
0808-145	4-25-07	Survey SMD Feature	Linear items place with Survey > Plans Preparation > Place SMD Feature are not being recognized by both the Survey > Plans Preparation > Place Legend tool and the ID tool in the Place SMD Feature tool. <b>Follow-Up:</b> Confirmed it is fixed in 08.08.02.73
0808-144	3-19-07	Survey Editor	Survey > Geometry > Points > Edit (Chains Edit too) (Also calling up the editor by double clicking in the cogo navigator) The crosshair doesn't disappear when you exit the editing tool. Updating the view doesn't get rid of it either. It only disappears after exiting Survey Manager. <b>Follow-Up:</b> Confirmed it is fixed in 08.08.02.73

0808-143	4-9-07	COGO Navigator	While in COGO, the Navigator does not open with jobNS.gpk file. Get a "System fault: 5 Cogonvgt unloaded" error message. However, the Navigator opens the same GPK file in our previous Geopak Version (08.05.01.56). <b>Follow-Up:</b> Fixed in version 08.08.02.73
0808-142	4-9-07	COGO Command Editor	The Cogo Command Editor does execute the Restore or Restore/Read command when the dgn file is in directory path that contains a space. <b>Follow-Up:</b> Fixed in version 08.08.02.73
0808-141	3-27-07	Export DTM	Conversion of tins to *.tn3 (topcon) Is very very slow.
0808-140	03-15-07	Geotech	When opening an existing database in Geotech, a backup copy is created and the database is updated to version 3 but the alignment name is replaced with the original plus a lot of trailing spaces. The boreholes are now unavailable to the visualize dialogs or the convert between chains dialog. <b>Work around:</b> Copy the new database template (Soils Database Template V8.05.08.mdb) from S:\Mndot\8Stds\DOT_GEOPAK\geotech\. Open in Microsoft Access and select "Import Other" and then "Old Soils Access Database".
0808-139	02-08-07	GEOPAK Proposed Cross-section	Processing GEOPAK Proposed Cross-section Cross-section File locks up when processing Cross-section. Does process correctly on GEOPAK Ver 08.05.01.56 and MS 08.05.05.55 <b>Work Around:</b> In your dataset, there are "Shoulder in DGN Paved" (lvname = SHLD, color= 48) elements that are complex chains. If you drop those complex chains the dataset will process.
0808-138	02-07-07	GEOPAK Cross-section Blue Top Reports	Not getting errors when there is Gaps in the Proposed Finish Grade Line. Note that tolerance is set to 0.1 Also when in the search criteria dialog after your inial report the Lv names are no longer there, however when you select display the lv names select earlier highlight.
0808-137	02-07-07	GEOPAK Drainage Case Sensitive Node Names	Users are able to create nodes with the same name as follows: 1. Open Design file CaseSensNodes.dgn, Load drainage and open CaseSensNodes.gdf project 2. Open Navigator and go to nodes 3. Open CB-1 and Apply 4. Open Cb-1 and Apply 5. Cell/label for CB-1 disappears and Cell/label for Cb-1 appears
0808-136	12-28-06	GEOPAK- Input File	You get an error when you load and read an input file that has a data set name that has a space in it. If you choose a data set name with a space in the survey project manager the information process fine. This should be consistent. <b>Work Around:</b> Edit input file with textpad.
0808-135 	12-05-06	COGO Edit Point	Attempting to remove the Elevation and Description values for stored points using the COGO Navigator > Edit Element (Store Point) dialog. Even though you toggle off the Elevation and Description and then hit the Set Point, the Elevation and Description remain with the point. They do not get updated. Redefine is toggled On.
0808-134	11-16-06	GEOPAK Drainage	Unable to Save Prefix setting for Edit Drainage Profile Drainage Information Elevations 1. Open Design file h275057_hyd.dgn, Load drainage and open h275057_hyd.gdf project 2. Select Component > Profile > Edit List 3. Select Profile 5000-5008 4. Select Grid & Labels > Elevations 5. Toggle on Invert Elevations, Then place FL in for a prefix. Select apply, 6. Then Select File save as JFMtest.ppf, then close out of Edit Profile. 7. Then Select Component > Profile > Edit List and Select Profile 5007-5076 8. Select File > Open JFMtest.ppf 9. Select Select Grid & Labels > Elevations 10. The Prefix FL was not saved under the prefix for Invert Elevations. <b>Work Around:</b> none
0808-133 	11-08-06	GEOPAK- Saving Chains	The Chain is stored but the beginning station is 0+00 (Should be 125+00 as keyed in) Follow this sequence to replicate the problem: Applications>GEOPAK Road>Geometry>Layout Alignments Horizontal (HAG dialog) Tools>Alignment (Alignment dialog) Place PI Alignment Save Chain >Save Chain As... Chain: test - Begin Station: 125+00

			<b>Follow-Up:</b> Sent .zip (.zzz) file to Steve Willoughby as requested.
0808-132	11-08-06	COGO Navigator - Change/Rename command	COGO Navigator - Change/Rename command Can only change/rename in Navigator if Redefine is turned on. However if you use Key-in syntax it will redefine element even if Redefine is turned off. <b>Work Around:</b> no work around
0808-131	11-02-06	Survey Point Editor	With a survey project open. Open the survey point editor. If you Modify or edit a Parameter, the description of the point disappears. If you look in the navigator the description is also gone there. <b>Work Around:</b> no work around
0808-130	11-02-06	Survey Chain	With a survey project open, when you double click on a survey chain in the navigator the survey chain editor is to come up with the chain in it that you double click on in the navigator. The problem is when you double click on a chain the survey chain editor comes up but does not have the chain in it that you selected in the navigator. You have to search for the correct chain. <b>Work Around:</b> no work around
0808-129	11-02-06	Trimble Link	Trimble link does not support exporting more then one alignment. There is a toggle to export all the alignments in the gpk file but it only exports the first alignment. Also it doesn't handle equations, it just blows right by then. Trying to export from Geopak to a ACU this Version 11.21 with Active Sync. I reported this previously with a MN/DOT bug # of 2068. <b>Work Around:</b> No work around
0808-128	11-01-06	3PC: Place Influence Commands	"Set place influence on/off" issued via 3pc commands are not working. This 3pc scans for items in a selection set, and if found draws a legend of these items which may be custom line styles. The 3pc works fine if it is launched with place influence off. The problems show up when it is launched with place influence on. There were two related previously reported bugs in previous versions that were fixed. (Mn/DOT bug 2036 - Geopak Tracking #DGRY-66LQUV and Mn/DOT bug 2042 - Geopak Tracking #dgrly-683md2) <b>Work Around:</b> No work around
0808-127	11-01-06	D&C Mgr Compute – Export to QM	Quantities computed (D&C Mgr) with a Fence do not show up when Exported to the QM .mdb file. The Phase and items are created but no quantities show up. <b>Work Around:</b> It works fine using Active Design File, View and Boundary Element. <b>Follow Up:</b> Sum called 11-01-06 and said he would look at it.
0808-126	10-27-06	GEOTECH Borehole Navigator	The file does not open. 371 Soils Database9_17_03x.mdb. Get a "Cannot open ACCESS database" Information message. <b>Work Around:</b> No work around.
00808-124	10-20-06	Add Parcel	When running input file with ADD Parcel commands the parcel is not stored correctly or completely. When using the attached input file (par1add.i) I get the following problems: 1- The ADD parcel is not visualized. 2- One of the TAKE areas (NRW2B) is not stored at all. 3- The feature (ERWENC) was not stored with Taking ERWENCB <b>Work Around:</b> No work around.
0808-123	10-19-06	Merging GPK file	When Merging GPK file, the parcel Owner does not come through. <b>Work around:</b> No work around.
0808-122 	10-13-06	GEOPAK Drainage Warning Message	Missing or Invalid Longitudinal Slope Warning when using Analyze: You get a warning message "Missing or Invalid Longitudinal Slope" <b>Work Around:</b> none
0808-121	10-13-06	GEOPAK Drainage: Lock/unlock Link Elevations	When Lock/unlock Elevations under Network Configuration it locks both inverts and the slope. <b>Work Around:</b> Need to unselect (hold) the slopes for link each network you lock or unlock. This is a very dangerous tool since it locks or unlocks all the link elevation in a network. Use with caution and make backup before using.
0808-120 	10-13-06	GEOPAK Drainage Negative Slopes	Analyzing a network when holding the slope and upstream invert elevation you get a negative slope. <b>Work Around:</b> Hold the Links upstream invert elevation and downstream invert elevation not the slope. <b>Follow-up:</b> JM confirmed it is a bug.
0808-118 	10-05-06	GEOPAK Drainage: Drainage Profile	The Feature in Edit Drainage Profile > Display > Drainage Crossing doesn't work. It did work in GEOPAK Version 08.05.01.56. <b>Work Around:</b> None. <b>Follow up:</b> JM confirmed it is a bug

<b>0808-117</b> 	10-02-06	GEOPAK Drainage: Link Graphics	The links will change attachment when the node bottom is edited for subsequent nodes without closing the node dialog. <b>Work Around:</b> Use the update links icon in the link toolbox or the update links in the navigator. Follow-up: JM confirmed it is a bug.
<b>2070</b> 	04-21-06	Import Pay items from CSV Document	When importing pay items and quantities from a CSV doc, the quantities do not come through. <b>Follow up:</b> none.
<b>2069</b>	04-20-06	Design and Computation Manager - Stationing Operations for a chain	This bug has been sent before as MN/DOT BUG # 884. Using D&C Mgr. to plot PC, PT & CS labels as a Stationing Operation for a chain. The PT label does not plot when there is a Station Equation at the PT, and when this PT is at the end of a chain. We prefer to see both/all labels at this location <b>Follow up:</b> 9/2/03 TB- Bug not resolved in 8.1
<b>2068</b>	04-03-06	Trimble link from GEOPAK	Have been testing Trimble link export from GEOPAK and discovered that it does not support exporting more than one alignment. There is a toggle to export all the alignments in the gpk file but it only exports the first alignment. Also it doesn't handle equations; it just blows right by them. <b>Follow up:</b>
<b>2067</b>	03-23-06	Design & Computation Manager- setting units	When setting the compute parameters for a Design & Computation Manager item, if the configuration variable GPK_COMPUTATION_ENGLISH_UNIT_DEF_FILE is set to point to the file ComputationUnitDefinitonEnglish.csv in any directory other than the bin directory, an "Invalid Unit Definition" error occurs when you select any units (Computation Method: Standard Unit) from the "Units" dialog and click OK on the "Parameters for Target Item" dialog. Computing works fine, it is setting the units that generate the error. <b>Work Around:</b> Set both the English and metric configuration variable to the same English csv file)
<b>2066</b> 	03-14-06	Export Alignments and Profiles	Using Cogo to export alignments and profiles using the Trimble DC option. The DC files make multiple files to handle the equations but in the files the file name stays the same as the original alignment. (Example: The file name is AE22NB1 but inside the file the name is AE22NB.) Also it would be good to have the ability to make a DC file with more than one alignment in it. <b>Follow-up:</b> none
<b>2065</b> 	02-23-06	Export Alignments and Profiles	Using Cogo to export alignments and profiles using the GEODIMETER P39 option, the problem is that Geopak adds 20 units onto the front and end of the alignment and it does not add it to the same azimuth as the alignment. Export files have been attached directly from GEOPAK (.rln files) and the MnDot edited files (.are files). Mndot mostly uses 2D alignments for the GEODIMETER P29 (.are files). Also in the second export file for the alignment AE22NB, ae22nb.rln is missing the information at the top of the file. <b>Follow up:</b> none
<b>2062</b> 	11-21-05	D&C Manager – Shape Mode	The Design & Computation Manager Shape Mode will not create a shape when an element making up a side is a shape. Neither automatic nor semi-auto mode works. <b>Work Around:</b> Drop the shape.
<b>2061</b>	11-07-05	Build DTM Tool	When using Build GEOPAK DTM tool to create .DAT and .TIN files, the .DAT file is not generated as expected. The .DAT file is not representative of what is being called for in the Set Search/More Detail dialog. <b>Follow up:</b> none
<b>2060</b>	10-26-05	Existing Cross-Sections	When collecting conventional Cross-Sections using Milepoint stationing at a increment of .01 of a mile sometimes 2 Cross-sections occur on one Cross-section cell. <b>Follow-up:</b> none
<b>2058</b>	10-20-05	GEOPAK DTM Tool	DTM > Analysis > Profile - When placing/selecting an element to create a profile though a void the Show Extracted Points and Export to ascii file don't match. The Show Extracted Points shows the points on both sides of the void. The Export to ascii file only gives points on one side of the void. <b>Workaround:</b> <b>Follow up:</b>
<b>2057</b>	09-12-05	Geotech - Apply Zero Drape Area	The "Apply Zero Drape Area" is checked when I create my boundary for the LS tin that I want, but when the tin is created, it comes up with bad elevations. <b>Work Around:</b> <b>Follow up:</b> none

2050	05-06-05	Draw XS Tool	When rerunning Ground Cross Sections using Pattern "By DGN File", changes made to the pattern file (pattern lines are lengthened or shortened) are not reflected in the Cross Sections as you would expect. Even if you delete the Cross Section elements (ground lines and XS cell), the changes made to the pattern lines are not reflected in the new cross sections unless you do a Shutdown and Restart of your computer before you draw the ground sections again. <b>Follow-up:</b> none
2049	04-28-05	Plan Preparation	In plans preparation It does not seem to be using the Plot Scale from the Applications>User Preferences> Feature Preferences on custom line styles. It works fine for placing cells from the SMD but not linear items. If you change the plot scale in the Element>Line Style>custom dialog, it plots linear items as you would expect, but if you close and reopen the SMD or pick a different item, the plot scale reverts back to 1. It still says 100, 200 or whatever you have set it to, in the dialog, if you leave it open but when you draw a linear element it is being placed at 1 scale. If you close the Element.>Line Style>custom dialog it uncheck the scale and a 1 is ghosted out. <b>Follow-up:</b> none
2048 	04-20-05	XS Reports	DTM Prop 3D not generating properly, not picking up all proposed elements, incorrect elevations. <b>Work Around:</b> Problem occurs with sections that are not in the proper (default) order in the file. If sections are in columns by stationing bottom to top, left to right all works fine. If not, problems may occur.
2047 	04-12-05	Draw Ancillary Features	Multiple cells are being placed at the same cross section. Sometimes it places multiple cells (extra) right on top of each other and sometimes it places extra cells) on the same cross section but at different offsets or elevations. <b>Work Around:</b> Works ok when using the ".tin" file rather than "by feature" and "by level symbology"
2046 	03-29-05	QM	QM reporting incorrect station values for items. <b>Work Around:</b> Recompute and store to a new .MDB
2043	01-20-05	Survey field processing	This occurs when processing field file fixed.fld an error occurs. <b>Work Around:</b> When breaking the file down to individual setup (files test1b.txt to text8b.txt) and processing them together in one data set they run fine, no error.
2038 	10-14-04	Plans Preparations tool > Place SMD Feature	When using the Plans Preparations tool, Place SMD Feature the Plot Scale setting in Feature Preference does not work for the custom line styles under the Place Linear Influence. It ignores the setting and places it at 100 scale. The Plot scale does however work for Place Point symbol. <b>Work Around:</b> Set the MicroStation custom line style scale to desired scale.
2029 	09-29-04	Cross Section and Plan/Profile Sheet Composition	Within the GEOPAK Create Digital InterPlot Set Setting Dialog, the Printer Name is ignoring the value that is defined in the Setting File Template Name (settings file). When a Printer Name is manually defined in this dialog, it doesn't hold the printer/queue in the .IPS file that gets generated. Essentially, setting the printer name in either the .SET file or the dialog has no effect on the printer setting in the IPS file that is created. <b>Work Around:</b> To set the desired printer, within lplot Organizer use the File> Print Setup pull down tool to set the printer queue.
2026 	09-28-04	Geotech	The elevation from the tin isn't being stored in the access database. Bug has been changed to Enhancement Request. <b>Follow up:</b> Not fixed in MR.
2024 	09-23-04	Utilowner.3PC	When running the 3PC application to assign ownership (adhocs) to utilities in a dgn file, it works fine the first time, but if you try to do it again (in the same session), it gives you a strange message, "Cross Section is not authorized for use" and will not work. <b>Work Around:</b> A line has been added to the Util_Owner_Local.3pc and Util_Owner_Dist.3pc files to work around the problem. <b>Follow-up:</b> Not fixed in MR.
2023 	09-23-04	Utility Computing/ Tabulating	Utility elements mapped from the SMD (cell items) take on the symbology from the SMD, except the cell header is a color of 0. When computing from the D&C Manager, the items supplemental search criteria has to include the color 0 (not just the color of the graphic elements) or they don't get computed. <b>Work Around:</b> Utilities.ddb has been adjusted to search for colors 0-253 and weights 0-15. <b>Follow-up:</b> Resubmitted bug.

2018 	09-08-04	COGO > Element > Profile > Offset	Using the dialog to store an offset profile creates a profile with extra vpi's. The vpi's are getting added at the vpc's of some (but not all) of the vertical curves. <b>Work Around:</b> Use key in command store profile from... <b>Follow-up:</b> Not fixed in MR
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