

Correlator Update

Date	Version Number	Document Changes
04/17/2019	1.0	E. Braddy: Initial draft
5/10/2019	1.1	E. Braddy: Image removed to reflect update.

[Correlator Update - Ver 5.31.50.X - 04-17-19]

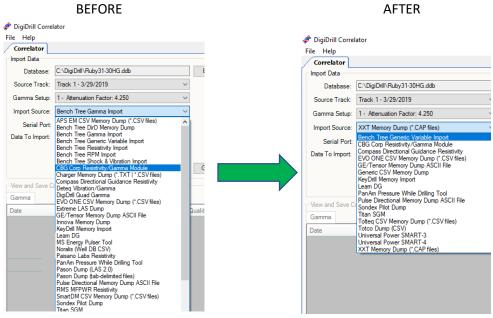
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 DigiDrill Corre File Help 	lator	-
Correlator		
Import Data		Providens
Database:	Browse	FitVertical III Curve Properties Zoom In Zoom Out Curves
Source Track:	v	Depth/Time Reference Day: + - Hour: + - Minute: + - Second: + - Auto Manual Reset
Gamma Setup:	v	
Import Source:	Generic CSV Memory Dump 🗸	
Serial Port		
Data To Import		
- New and Save 0	Correlated Data	
Survey Gamm	a Surface Resistivity Temperature Vibration Generic Vars. WITS Az. Gamma	
Date	M0 Indenetion ΤΝΟ Ν3 ΕΥ DLS VS Co	
c	>	
	Update MD Auto-Clean Save	۲ (۲۰۰۰) ۲ (۲۰۰۰) ۲ (۲۰۰۰) ۲ (۲۰۰۰) ۲ (۲۰۰۰) ۲ (۲۰۰۰) ۲ (۲۰۰۰) ۲ (۲۰۰۰) ۲ (۲۰۰۰) ۲ (۲۰۰۰) ۲ (۲۰۰۰) ۲ (۲۰۰۰) ۲ (



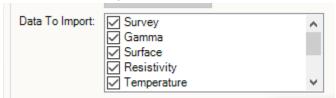
1. Interface Changes



1.1. Import Sources

Most import sources have been consolidated down into the "Generic CSV Memory Dump" Only ones that remain are import sources that require special cases. The "Generic CSV Memory Dump" import source is able to read .csv, .txt and .las files.

1.2. Data To Import



Previously with import sources, the option to select which data the user wants to import could be selected by checking the boxes within the "Data To Import:" section. This still applies to the import sources that remain other than "Generic CSV Memory Dump" By default all options are selected for this tool. Once the data has been imported the tool will automatically detect which data is being imported.



2. Generic CSV Memory Dump

2.1. Interface

Seneric CSV Vie	wer					
Options						
Template: Preview	Innova Memory Dump Browse Sa	ave As		Settings No Column Head Hide Dummy Col Value Seperato mma	er <u>Set H</u> eader Row <u>3</u> Dat	natting leTime: Date: Time: Format Help
	mple Data				Mapping	
Time(sec)	Time	Date	Time of day	Vibration X	Source	Destinatio v Passed
0	07/11/2017 04:0		04:00:28	0	Time(sec)	< Do not imp
8	07/11/2017 04:0	11/07/2017	04:00:36	0	Time	DateTime
						Date Hille
16	07/11/2017 04:0	11/07/2017	04:00:44	0	Date	<pre>>Date file </pre>
-				-	Date Time of day	
16	07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0	11/07/2017 11/07/2017	04:00:44	0		< Do not imp
16 24	07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0	11/07/2017 11/07/2017 11/07/2017	04:00:44 04:00:52	0	Time of day Vibration XY	< Do not imp < Do not imp
16 24 32	07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0	11/07/2017 11/07/2017 11/07/2017 11/07/2017	04:00:44 04:00:52 04:01:00	0 0 0	Time of day Vibration XY Shock Z	< Do not imp < Do not imp Vibration.Av Vibration.Pe
16 24 32 40	07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0	11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017	04:00:44 04:00:52 04:01:00 04:01:08	0 0 0 0 0	Time of day Vibration XY Shock Z Num Shocks Z	< Do not imp_ < Do not imp_ Vibration.Av Vibration.Pe Vibration.Sh
16 24 32 40 48 56 64	07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0	11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017	04:00:44 04:00:52 04:01:00 04:01:08 04:01:16 04:01:24 04:01:32	0 0 0 0 0 0 0 0 0 0	Time of day Vibration XY Shock Z Num Shocks Z Vibration Z	< Do not imp < Do not imp Vibration.Av Vibration.Pe Vibration.Sh Vibration.Av
16 24 32 40 48 56 64 72	07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0	11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017	04:00:44 04:00:52 04:01:00 04:01:08 04:01:16 04:01:24 04:01:32 04:01:32	0 0 0 0 0 0 0 0 0	Time of day Vibration XY Shock Z Num Shocks Z	< Do not imp < Do not imp Vibration Av Vibration Pe Vibration.Sh
16 24 32 40 48 56 64 72 80	07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0	11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017	04:00:44 04:00:52 04:01:00 04:01:08 04:01:16 04:01:24 04:01:32 04:01:32 04:01:40	0 0 0 0 0 0 0 0 0 0	Time of day Vibration XY Shock Z Num Shocks Z Vibration Z	< Do not imp < Do not imp Vibration.Av Vibration.Pe Vibration.Sh Vibration.Av
16 24 32 40 48 56 64 72 80 88	07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0	11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017	04:00:44 04:00:52 04:01:00 04:01:08 04:01:16 04:01:24 04:01:32 04:01:40 04:01:48 04:01:56	0 0 0 0 0 0 0 0 0 0 0	Time of day Vibration XY Shock Z Num Shocks Z Vibration Z Shock XY	< Do not imp_ < Do not imp_ Vibration Av _ Vibration Pe _ Vibration Sh _ Vibration Av _
16 24 32 40 48 56 64 72 80 88 96	07/11/2017 04:0_ 07/11/2017 04:0_ 07/11/2017 04:0_ 07/11/2017 04:0_ 07/11/2017 04:0_ 07/11/2017 04:0_ 07/11/2017 04:0_ 07/11/2017 04:0_ 07/11/2017 04:0_	11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017	04:00:44 04:00:52 04:01:00 04:01:08 04:01:16 04:01:24 04:01:24 04:01:32 04:01:40 04:01:48 04:01:56 04:02:04	0 0 0 0 0 0 0 0 0 0 0 0 0	Time of day Vibration XY Shock Z Num Shocks Z Vibration Z Shock XY	< Do not imp < Do not imp Vibration.Av Vibration.Pe Vibration.Sh Vibration.Av
16 24 32 40 48 56 64 72 80 88	07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0 07/11/2017 04:0	11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017 11/07/2017	04:00:44 04:00:52 04:01:00 04:01:08 04:01:16 04:01:24 04:01:32 04:01:40 04:01:48 04:01:56	0 0 0 0 0 0 0 0 0 0 0 0 0 0	Time of day Vibration XY Shock Z Num Shocks Z Vibration Z Shock XY	< Do not imp_ < Do not imp_ Vibration Av _ Vibration Pe _ Vibration Sh _ Vibration Av _

2.1.1. Options

Options				
	File Settings		Formatting	
Template:	No Column Header	Set Header Row 1	DateTime:	
Browse Save As	Hide Dummy Column(s)	Set Data Row 2	Date:	
	Value Seperator		Time:	Format Help

Template:

- Template Drop Down
 - Within the option group box, the user can set the properties to correctly import data. Most of the import sources that were removed have been turned into a template. The user can select a template by hitting the dropdown button and select the properly labeled template.
- Browse
 - If the user has saved a template it can be located and used by clicking on the browse button and navigating to the location of which the template is saved to.
- Save As
 - The user may also save a template which will retain the information in the options group box as well ass the mapping data which includes header/column names, and the curve names of which each header/column has been mapped to.



File Settings:

- No Column Header
 - If the imported data file doesn't not contain a row with the header information this box must be checked.
- Hide Dummy Column(s)
 - In the case that the amount of header/column names does not match the number of columns of data the tool will automatically create a header/column name and will be label as DummyCol1, DummyCol2, etc... Checking this box will allow the user to hide these columns from within the Sample Data tab inside of the Preview box if need be.
- Value Separator
 - Within the Value Separator drop down are Tab, Comma, Space, and Auto Detect options. This allows the user to specify which type of delimiter separates each value within the file.
 - The user may select the Auto Detect option if the delimiter is unknown.
 - The user may also type in a value if the listed ones are not the correct type being used for the file that was loaded.
- Select Header Row
 - To set the header row, the user must first select a row in the Raw Data tab within the Preview box.
 - If there is no header then the No Column Header check box must be checked, and the Select Header Row text box will show a default value of zero.
- Select Data Row
 - To set the data row, the user must first select a row in the Raw Data tab within the Preview box.
 - A data row must be selected in order for it to be loaded into the Sample Data tab and Mapping box.

Formatting:

- DateTime
 - When mapping a header/column name to the DateTime value if after tested and it fails then this formatting box for DateTime must be properly filled out in order for it to be correctly imported.
- Date
 - When mapping a header/column name to the Date value if after tested and it fails then this formatting box for Date must be properly filled out in order for it to be correctly imported.
- Time
 - When mapping a header/column name to the Time value if after tested and it fails then this formatting box for Time must be properly filled out in order for it to be correctly imported.
- Format Help
 - Upon clicking this button, a new popup will appear. It contains information in order to help properly format the DateTime/Date/Time boxes.



2.1.2. Preview

Raw Data	Sample Data	
Row#	Row Data	-
1		
2	17267,3/5/2019 21:55:03,21	
3	17268,3/5/2019 22:17:40,28	
4	17269,3/5/2019 22:18:10,30	
5	17270,3/5/2019 22:18:40,32	
6	17271,3/5/2019 22:19:10,34	
7	17272,3/5/2019 22:19:40,32	
8	17273,3/5/2019 22:20:10,30	
9	17274,3/5/2019 22:20:40,37	
10	17275,3/5/2019 22:21:10,26	
11	17276,3/5/2019 22:21:40,27	
12	17277,3/5/2019 22:22:10,28	
13	17278,3/5/2019 22:22:40,32	
14	17279,3/5/2019 22:23:10,28	
15	17280.3/5/2019 22:23:40.24	•

Raw Data S	ample Data		
Column1	Column2	Column3	-
17267	3/5/2019 21:55:03	21	
17268	3/5/2019 22:17:40	28	
17269	3/5/2019 22:18:10	30	
17270	3/5/2019 22:18:40	32	
17271	3/5/2019 22:19:10	34	
17272	3/5/2019 22:19:40	32	
17273	3/5/2019 22:20:10	30	
17274	3/5/2019 22:20:40	37	
17275	3/5/2019 22:21:10	26	
17276	3/5/2019 22:21:40	27	
17277	3/5/2019 22:22:10	28	
17278	3/5/2019 22:22:40	32	
17279	3/5/2019 22:23:10	28	
17280	3/5/2019 22:23:40	24	
17281	3/5/2019 22:24:10	39	· · · · · · · · · · · · · · · · · · ·

- Row Data
 - After clicking on Get Data and selecting a data file to import the first 100 lines of raw data within the file is displayed within this tab.
 - Selecting a row in this tab allows the user to set either the header or data row.
- Sample Data
 - After the options of the import source tool have been properly set and the user has clicked on the (Re)Load Data button the first 100 lines of data in loaded file will be separated into columns and named according to the header row that was set along with the data of that column.
 - o If there is not a header row the columns will be named Column1, Column2, etc...
 - If Dummy Columns were created they will also be displayed unless the Hide Dummy Columns is checked.



2.1.3. Mapping

_	irce Time(sec)	Destinatio Y Passed
	Time	DateTime Passed
	Date	< Do not imp
	Time of day	Gamma.API Failed
0	Vibration XY	Vibration.Av Passed
0	Shock Z	Vibration.Pe Passed
0	Num Shocks Z	Vibration.Sh Passed
0	Vibration Z	Vibration.Av Passed
0	Shock XY	Vibration.Pe Passed
*		

- Source Column
 - Contains each header/column name
 - There is not a naming constraint for this column. This allows the user to have two rows of the same value. Example of this is if the user had a column that contained data for gamma counts the column could be mapped to two different curves.
- Destination Column
 - Contains a dropdown list of all curves that may be mapped to as well the values Date, Time, DateTime, and Depth. If the user does not wish to import a certain column the value of <Do not import> may be selected.
 - The values will be highlighted green if the imported DDB contains data for the specified curves.
- Passed
 - Once all source columns have been mapped to the correct curve destinations and the test button has been clicked. The tool will attempt to test each row as if it were to be imported. If there is an issue with any individual row the row itself will be highlighted red and the password column will have a value of Failed. If the test is successful, all columns that have been mapped will have their rows highlighted in green and the passed column will have the value of Passed.
- Create New Row
 - In order to map the same column to two different curves a new row must be created.
 - To make a new row the user must click on the very last row that is greyed out. The user must then specify the value for the source column with one of the listed column names from the drop down. Once this is done it will be created. If the row is no longer needed the user may right click on the row and delete it to have it removed.



3. Sample Run

Start Correlator:

DigiDrill Correl	lator					- 6	×
Correlator							
Import Data						- Protes	_
						FitVertical Curve Properties Zoom In Zoom Out. Curves	
Database:			Browse				
Source Track:			\sim			Depth/TimeReference Dept. + - Hour: + - Minute: + - Second: + - Auto Manual Reset	_
Gamma Setup:			\sim				
Import Source:	Generic CSV Memory Du	mp	\sim				
Serial Port:	~						
Data To Import:	Survey Gamma Surface Resistivity Temperature	< ×	Get Data				
lew and Save C	omelated Data						
	a Surface Resistivity	Temperature Vibratio	n Ganario Vara 14	TS Ar Gamma			
ate Gamma		Inclination TVD		EW DLS	VS Clo		
100	MU	Inclination TVD	ns.	ew DLS	v5 Clo		
				Update MD A	uto-Clean Save		

Click on browse and navigate to the database file to correlate:

The Trep	
Correlator	
Import Data	
Database:	Browse
Source Track:	\sim
Gamma Setup:	\sim
Import Source:	Generic CSV Memory Dump 🗸
Serial Port:	\sim
Data To Import:	 ✓ Survey ✓ Gamma ✓ Surface ✓ Resistivity ✓ Temperature ✓ Get Data



Select the source track, gamma setup, and import source. In most cases the Generic CSV Memory Dump import source will be used.

Import Data		
Database:	C:\Users\elbra\Digital Drilling Da	ita Systems, LLC\Tec
Source Track:	Track 1 - 2/12/2019	~
Gamma Setup:	1 - Attenuation Factor: 2.560	~
Import Source:	Generic CSV Memory Dump	~
Serial Port:	~	
Data To Import:	 ✓ Survey ✓ Gamma ✓ Surface ✓ Resistivity ✓ Temperature 	~

Click on get data and navigate to the data file:

Import Data	
Database:	C:\Users\elbra\Digital Drilling Data Systems, LLC\Tec Browse
Source Track:	Track 1 - 2/12/2019 ~
Gamma Setup:	1 - Attenuation Factor: 2.560 $$ $$ $$
Import Source:	Generic CSV Memory Dump V
Serial Port:	\sim
Data To Import:	✓ Survey ▲ ✓ Gamma ▲ ✓ Surface ▲ ✓ Resistivity ▲ ✓ Temperature ✓



This is were the user will set the options of the tool to load, test, and then import the data to be correlated.

Generic CSV Viewe	r											
Options												
Template:	Browse	Save As		File Settings INo Column Hea IHide Dummy C Value Sepera Comma	olumn tor	(s)	Set Header Ro Set Data Row		omatting ateTime: Date: Time:		Form	nat Help
Preview						Mapping						
Raw Data Samp	ole Data											
Row#	Row I	Data			~	Source				Destinatio	V Pa	assed
	1	02/11/2019 12:30:02	2.9883			*						
▶ 1		02/11/2019 12:30:02	2.3003			木						
2	2	02/11/2019 12:30:05	3.1539			*						
	2	02/11/2019 12:30:05 02/11/2019 12:30:06				<u>*</u>						
2		02/11/2019 12:30:05				*						
2	3	02/11/2019 12:30:05 02/11/2019 12:30:06				*						
2 3 4	3 4	02/11/2019 12:30:05 02/11/2019 12:30:06 02/11/2019 12:30:07	3.1539			*						
2 3 4 5	3 4 5	02/11/2019 12:30:05 02/11/2019 12:30:06 02/11/2019 12:30:07 02/11/2019 12:30:08 02/11/2019 12:30:10 02/11/2019 12:30:11	3.1539			*						
2 3 4 5 6	3 4 5 6	02/11/2019 12:30:05 02/11/2019 12:30:06 02/11/2019 12:30:07 02/11/2019 12:30:08 02/11/2019 12:30:10	3.1539 3.0538			*						
2 3 4 5 6 7	3 4 5 6 7	02/11/2019 12:30:05 02/11/2019 12:30:06 02/11/2019 12:30:07 02/11/2019 12:30:08 02/11/2019 12:30:10 02/11/2019 12:30:11	3.1539 3.0538 2.8869			*						
2 3 4 5 6 7 8	3 4 5 6 7 8	02/11/2019 12:30:05 02/11/2019 12:30:06 02/11/2019 12:30:07 02/11/2019 12:30:08 02/11/2019 12:30:10 02/11/2019 12:30:11 02/11/2019 12:30:12	3.1539 3.0538 2.8869 3.1128			*						
2 3 4 5 6 7 8 9	3 4 5 6 7 8 9	02/11/2019 12:30:05 02/11/2019 12:30:06 02/11/2019 12:30:07 02/11/2019 12:30:08 02/11/2019 12:30:10 02/11/2019 12:30:12 02/11/2019 12:30:12 02/11/2019 12:30:14	3.1539 3.0538 2.8869 3.1128 2.9537			*						
2 3 4 5 6 7 8 9 10	3 4 5 6 7 8 9 10	02/11/2019 12:30:05 02/11/2019 12:30:06 02/11/2019 12:30:07 02/11/2019 12:30:08 02/11/2019 12:30:10 02/11/2019 12:30:11 02/11/2019 12:30:12 02/11/2019 12:30:17	3.1539 3.0538 2.8869 3.1128 2.9537 2.9203			*						
2 3 4 5 6 7 8 9 10 11	3 4 5 6 7 8 9 10 11	02/11/2019 12:30:05 02/11/2019 12:30:06 02/11/2019 12:30:07 02/11/2019 12:30:08 02/11/2019 12:30:10 02/11/2019 12:30:11 02/11/2019 12:30:12 02/11/2019 12:30:14 02/11/2019 12:30:19	3.1539 3.0538 2.8869 3.1128 2.9537 2.9203 2.9883			*						
2 3 4 5 6 7 8 9 10 11 12	3 4 5 6 7 8 9 10 11 11 12	02/11/2019 12:30:05 02/11/2019 12:30:06 02/11/2019 12:30:07 02/11/2019 12:30:08 02/11/2019 12:30:10 02/11/2019 12:30:11 02/11/2019 12:30:12 02/11/2019 12:30:14 02/11/2019 12:30:19 02/11/2019 12:30:19 02/11/2019 12:30:20	3.1539 3.0538 2.8869 3.1128 2.9537 2.9203 2.9883			<u>*</u>						

If there is a template related to the data file selected it would be picked at this time.

eneric CSV Vie	wer					
Options						
Template:	MS Energy Gamma (No Browse Save		File Settings Via Column Header Hide Dummy Column(s) Value Seperator Tab	Set Header Row 0 Set Data Row 1	Formatting DateTime: Date: Time:	MM/dd/yyyy/HH.mr
review			Марр	ng		
	Column2	Column3	- Sour	ce		Destinatio Y Passed
	Column2	Column3	A	ce olumn1		Destinatio Y Passed
Column1		2.9883	<u>^</u>			
Column1 1 2	Column2 02/11/2019 12:3	2.9883		olumn1		< Do not imp
Column1 1 2 3	Column2 02/11/2019 12:3 02/11/2019 12:3	2.9883		olumn1 olumn2		< Do not imp DateTime
Column1 1 2 3 4	Column2 02/11/2019 12:3 02/11/2019 12:3 02/11/2019 12:3	2.9883 3.1539		olumn1 olumn2 olumn3		< Do not imp DateTime Gamma.Cou
Column1 1 2 3 4 5	Column2 02/11/2019 12:3 02/11/2019 12:3 02/11/2019 12:3 02/11/2019 12:3	2.9883 3.1539		olumn1 olumn2 olumn3		< Do not imp DateTime Gamma.Cou
Column1 1 2 3 4 5 5	Column2 02/11/2019 12:3 02/11/2019 12:3 02/11/2019 12:3 02/11/2019 12:3 02/11/2019 12:3	2.9883 3.1539 3.0538		olumn1 olumn2 olumn3		< Do not imp DateTime Gamma.Cou
Column1 1 2 3 4 5 6 7	Column2 02/11/2019 12:3 02/11/2019 12:3 02/11/2019 12:3 02/11/2019 12:3 02/11/2019 12:3 02/11/2019 12:3 02/11/2019 12:3	2 9883 3.1539 3.0538 2.8869 3.1128		olumn1 olumn2 olumn3		< Do not imp DateTime Gamma.Cou
Column1 1 2 3 4 5 6 7 8	Column2 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3.	2 9883 3.1539 3.0538 2.8869 3.1128 2.9537		olumn1 olumn2 olumn3		< Do not imp DateTime Gamma.Cou
Column1 1 2 3 4 5 5 6 6 7 8 9	Column2 02/11/2019 12:3_ 02/11/2019 12:3_ 02/11/2019 12:3_ 02/11/2019 12:3_ 02/11/2019 12:3_ 02/11/2019 12:3_ 02/11/2019 12:3_ 02/11/2019 12:3_ 02/11/2019 12:3_	2.9883 3.1539 3.0538 2.8869 3.1128 2.9537 2.9203		olumn1 olumn2 olumn3		< Do not imp DateTime Gamma.Cou
Column1 1 2 3 4 5 5 7 3 9 10	Column2 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3.	2.9883 3.1539 3.0538 2.8869 3.1128 2.9537 2.9203 2.9883		olumn1 olumn2 olumn3		< Do not imp DateTime Gamma.Cou
Column1 1 2 3 3 4 5 5 6 6 7 7 8 9 9 10 11	Column2 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3.	2.9883 3.1539 3.0538 2.8869 3.1128 2.9537 2.9203 2.9883		olumn1 olumn2 olumn3		< Do not imp DateTime Gamma.Cou
Column1 1 2 3 4 4 5 6 6 7 8 9 9 10 11 11 12	Column2 02/11/2019 12:3. 02/11/2019 12:3.	2.9883 3.1539 3.0538 2.8869 3.1128 2.9537 2.9203 2.9883 2.9203		olumn1 olumn2 olumn3		< Do not imp DateTime Gamma.Cou
Raw Data Se Column1 2 3 4 5 5 6 7 8 9 10 11 12 13 14	Column2 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3. 02/11/2019 12:3.	2.9883 3.1539 3.0538 2.8869 3.1128 2.9537 2.9203 2.9883 2.9203		olumn1 olumn2 olumn3		< Do not imp DateTime Gamma.Cou



Once the options have been correctly set and columns have been mapped the user must test the import by clicking on the test button.

(Re)Load Data	Test	Import Data	Cancel
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If the test is not successful a message box will be displayed giving the user information related to which row failed.



After hitting okay, the Mapping group box will have a row highlighted red indicating that it failed.

Generic CSV \	Viewer					
Options						
Template:	MS Energy Gamma (No Browse Save		File Settings No Column Header Hide Dummy Column(Value Seperator Tab	Set Header Row 0 Set Data Row 1	Formatting DateTime: MM/do Date: Time:	i/yyyy/HH.mr Format Help
Preview				Mapping		
Raw Data	Sample Data	Column3	_	Source		Destinatio T Passed
Column	02/11/2019 12:3		^	▶// Column1		< Do not imp
2	02/11/2019 12:3			Column2		DateTime Failed
3	02/11/2019 12:3	3.1333		Column3		Gamma.Cou Passed
4	02/11/2019 12:3			/ Column3		Gamma API Passed
5	02/11/2019 12:3	3.0538				Commona I Tassed
6	02/11/2019 12:3			*		
7	02/11/2019 12:3	2.8869				
8	02/11/2019 12:3	3.1128				
9	02/11/2019 12:3					
10	02/11/2019 12:3					
11	02/11/2019 12:3					
12	02/11/2019 12:3					
13	02/11/2019 12:3					
14	02/11/2019 12:3	2.937				
15	02/11/2019 12:3		¥	<		>
					Load Data Test	Import Data Cancel

In this case the formatting box for DateTime is filled out and should not be. Once removed the test succeeded.

All rows are now also highlighted green.

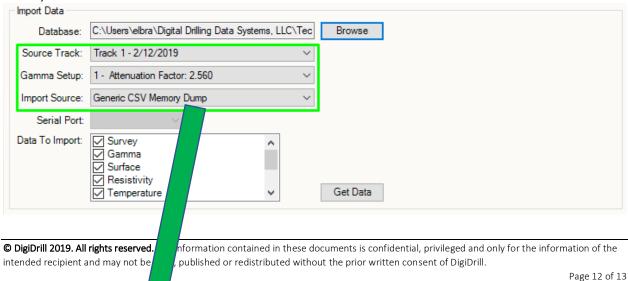


Source	Destinatio Y Passed
🖉 Column1	< Do not imp
Ø Column2	DateTime Passed
Ø Column3	Gamma.Cou Passed
Ø Column3	Gamma.API Passed
*	

Once all rows have passed then click on Import Data.

(Re)Load Data	Test	Import Data	Cancel

If Gamma data is being imported this is where the user will be prompted to either scale Gamma.API or not. By default, the value in the text box will be the previously selected Gamma Setup(Attenuation Factor).





Gamma API Scale						
Gamma was detected to be imported. Would you like to scale API?						
Attenuation Factor: 2.56						
Yes No]					

In this case yes was selected and the data has been imported. The user may now save the data to the current track or a separate track.

