

Workflow 3: Checking the Imported Data from GEOPAK

1. The spreadsheet contains a worksheet to perform a quick check to see if the imported data is correct. Open the GEOPAK log file (.ewk) created in Workflow 1. Go to the Grand Summary Totals section of the file which is located towards the end of the file.

G R A N D		S U M M A R Y		T O T A L S	
Material Name		Unadjusted Volumes (cu. yd.)	Adjusted Volumes (cu. yd.)	Mult Factor	

RDWYEXC					
	Common Exc	20165	20165	1.00	
	Subgrade Exc	4349	4349	1.00	
	Subsoil Exc	0	0	1.00	
	Fill	0	0	1.00	
MSEWALLEXC					
	Common Exc	0	0	1.00	
	Subgrade Exc	382	382	1.00	
	Subsoil Exc	0	0	1.00	
	Fill	0	0	1.00	

Fig. 12-11: Grand summary totals for the GEOPAK log file

2. Select the ".ewk Check" worksheet tab of the spreadsheet. Input the GEOPAK Grand Summary totals from the ".ewk" file into the yellow cells.

".ewk" GEOPAK Grand Summary Total Input			
	RDWYEXC		
		Common Exc	20165
		Subgrade Exc	4349

Fig. 12-12: GEOPAK earthwork totals input into the ".ewk Check" worksheet



These quantities are populated into the Comparison table to the right and compared with the sums of the imported data in the "from GEOPAK" worksheet. If the numbers match, the "Check result" row returns an "OK". An error message is shown if they do not match. If there is an error message, try importing the input file again.

	Comparison Between Column 1		
	Column 1	Column 2	Column 3
	Roadway Prism (Excavation)	Pavement Removed in Cut	Topsoil Removed in Cut
Totals from the .ewk file	27514	1247	1753
Totals from this spreadsheet	27514	1247	1753
Check result	OK	OK	OK

Fig. 12-13: Comparison Table