Procedural Error report logs appear after you run cost on a specific parcel. These reports provide information about data entry selections that have been made when you entered the data. On the next pages we will show you how to review these reports and identify various issues. Below is an example of an error log.



Row 1 is made up of the following 3 components

- A. Parcel ID of the parcel that has the issue
- B. 1 RL This is the 'Section' of the parcel for example if the parcel has 2 houses on it one building would be identified as 'Section 1' and the other would be 'Section 2' In our example it is the 'Section 1' house that has an issue. The letters 'RL' stand for Reference Line.
- C. After the 'RL:' the field that is being questioned is shown. 'Exterior Wall' in this example.

Row 2 is made up of 2 components

- A. The field ID number that is being questioned. There are a number of fields that can have various combinations of attributes the program allows you the ability to identify each attribute individually. Exterior wall is a good example: you may have a house with 3 different types of Exterior wall covering. So you could identify each Exterior Wall type the following way. Exterior wall ID #1 =Vinyl siding, Exterior wall ID #2 = stucco, Exterior wall # 3 = Wood siding. This error report is telling you that there is a problem with the way Exterior wall ID #1 is set up.
- B. Cost Table information Column 0 is out of range This means that the field that is being used to calculate a value for this feature doesn't work with a specific table.

Row 3 – is made up of 1 component

A. The Marshal & Swift cost table being used to calculate this specific feature. In this example it is table # 3. Table # 3 is 'Single, Fair Quality' if we go to that table we will be able to better address what our issue is with the exterior wall on this parcel.

You can always view your cost tables that are being used by the program. **However you must be careful as you can change them!!!** To view cost tables select the 'Valuation' menu item at the top of your program. Choose 'Cost Approach' from the drop down menu then select 'View/Modify Cost Tables' as seen below.

MicroSolve CAMA 2000	Data VTILM\VT Version	n 4.1.	00n	
File Edit Viewer Data	Valuation Mapping	Utili	ities Tools Help	
Selected Database VtlsLM12 (V	Comparable			
]	Cost Approach	Þ	Run Cost Approach	F
	Income Approach		View/Modify Cost Tables	I.
	Feedback	•	Update M&S Tables	I.
	Regression/SPSS) • '		
	Statistics			

Once the Cost Table window appears select the drop down labeled 'Table Number' and select the table you want to review. We are looking at table #3 as that is the one on our error report.

We need to pay attention to this section that shows us how the 'Cost table on the next tab is set up. Then identify these to our parcel on the data display refer to the illustration on the top of the next page.

Style -1 and Ext Wall -0

Looking at the actual table we can see we are on table # 3 and on the right 'Style' is 1 for the page. There is a page for each item in the drop down list for 'Style'

Rows represent Sq Foot of the house so we would scroll down to the row for 1700 sq feet.

Columns represent 'Ext Wall' aka siding. You can see the columns start at # 1 these numbers relate to the choices that are available within the 'Ext Wall/Siding' Dropdown on the Data display screen seen on the next page.

List / Description Cost Table Add Page(s)							Excel	Table Link
Table Desc	ription S	ingle, Fair	r Quality				-	
Table Nu	umber	3 🗖			Verify Tab	le Structu	re	
							Categ	orical (If An
Description	Single,	Fair Qual	lity					0 🔻
Page	e Philo							0 -
1 agos	Style							•
Rows	Sq.Ft.							0 🔻
Columns	Ext. Wa	11						0 🔻
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		[
			Verify All	Table Str	uctures			
Indate ()	ost Table		Verify All	Table Str	uctures			
Update C	ost Table	es	Verify All	Table Str	uctures			
Update C	ost Table ription	es Co	Verify All	Table Str	uctures Add Page	e(S)	Exce	I Table Lin
Update C List/Desc able #	ost Table ription 3 Sir	es Co ngle, Fair Q	Verify All ost Table luality	Table Str	uctures Add Page	(S)	Exce	I Table Lin
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Jpdate C List / Desc able # Rownum 0	ost Table ription 3 ^{Sir} Sq.Ft. 0.00	25 Co Ingle, Fair Q 1.00 1.00	Verify All ost Table tuality 2.00 2.00	3.00 3.00	Add Page	5.00 5.00	Exce Style 6.00	I Table Lin 1 7.00 8. 7.00 0
Jpdate C List / Desc able # Rownum 0 1	ost Table ription 3 Sir Sq.Ft. 0.00 400.00	es co ngle, Fair Q 1.00 1.00 82.61 70.50	Verify All ost Table tuality 2.00 2.00 82.61 70.52	3.00 3.00 84.11	4.00 4.00 84.11	5.00 5.00 84.12	Exce Style 6.00 85.27 92.07	1 Table Lin 1 7.00 8 7.00 0 84.49 4
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Jpdate C List/Desc able # Rownum 0 1 2 3 4	ost Table ription 3 Sir Sq.Ft. 0.00 400.00 500.00 600.00 700.00	25 Ingle, Fair Q 1.00 1.00 82.61 79.58 76.54 74.35	Verify All ost Table uality 2.00 2.00 82.61 79.58 76.54 74.35	3.00 3.00 84.11 80.98 77.85 75.59	4.00 4.00 4.11 80.98 77.85 75.59	(s) 5.00 5.00 84.12 80.99 77.86 75.61	Exce Style 6.00 6.00 85.27 82.07 78.87 76.56	I Table Lin 1 7.00 8. 7.00 0 84.49 4 81.34 5 78.18 6 75.91 9
Jpdate C List / Desc able # Rownum 0 1 2 3 4 6	ost Table rription 3 Sin Sq.Ft. 0.00 400.00 500.00 600.00 700.00 800.00	25 1.00 1.00 1.00 82.61 79.58 76.54 74.35 72.50	Verify All ost Table tuality 2.00 2.00 82.61 79.58 76.54 74.35 72.50	3.00 3.00 84.11 80.98 77.85 75.59 73.69	4.00 4.00 4.00 84.11 80.98 77.85 75.59 73.69	(s) 5.00 5.00 84.12 80.99 77.86 75.61 73.71	Exce Style 6.00 6.00 85.27 82.07 78.87 76.56 74.62	I Table Lin 1 7.00 8 7.00 0 84.49 4 81.34 5 78.18 6 75.91 9 74.00 9
Jpdate C List / Desc able # Rownum 0 1 2 3 4 6 7	ost Table rription 3 Sir Sq.Ft. 0.00 400.00 500.00 600.00 700.00 800.00 900.00	25 Co 1.00 1.00 82.61 79.58 76.54 74.35 72.50 70.91	Verify All ost Table tuality 2.00 2.00 82.61 79.58 76.54 74.35 72.50 70.91	3.00 3.00 3.00 84.11 80.98 77.85 75.59 73.69 72.06	4.00 4.00 4.00 84.11 80.98 77.85 75.59 73.69 72.06	(s) 5.00 5.00 84.12 80.99 77.86 75.61 73.71 72.07	Exce Style 6.00 6.00 85.27 82.07 78.87 76.56 74.62 72.94	I Table Lin 1 7.00 8 7.00 0 84.49 4 81.34 5 78.18 6 75.91 9 74.00 9 72.35 7
Jpdate C List/Desc able # Rownum 0 1 2 3 4 6 7 8	ost Table ription 3 Sin Sq.Ft. 0.00 400.00 500.00 600.00 700.00 800.00 900.00 1000.00	25 Co Ingle, Fair Q 1.00 82.61 79.58 76.54 74.35 72.50 70.91 69.52	Verify All est Table tuality 2.00 2.00 82.61 79.58 76.54 74.35 72.50 70.91 69.52	3.00 3.00 3.00 84.11 80.98 77.85 75.59 73.69 72.06 70.63	Add Page 4.00 4.00 84.11 80.98 77.85 75.59 73.69 72.06 70.63	(s) 5.00 5.00 84.12 80.99 77.86 75.61 73.71 72.07 70.64	Exce Style 6.00 85.27 82.07 78.87 76.56 74.62 72.94 71.48	I Table Lin 1 7.00 8 7.00 0 84.49 4 81.34 5 78.18 6 75.91 9 74.00 9 72.35 7 70.91 7
Jpdate C List / Desc able # Rownum 0 1 2 3 4 6 7 8 10	ost Table ription 3 Sir Sq.Ft. 0.00 400.00 500.00 600.00 700.00 800.00 900.00 1000.00 1100.00	25 Co 1.00 1.00 82.61 79.58 76.54 74.35 72.50 70.91 69.52 68.28	Verify All est Table tuality 2.00 2.00 82.61 79.58 76.54 74.35 72.50 70.91 69.52 68.28	3.00 3.00 3.00 84.11 80.98 77.85 75.59 73.69 72.06 70.63 69.35	4.00 4.00 4.00 84.11 80.98 77.85 75.59 73.69 72.06 70.63 69.35	((s) 5.00 5.00 84.12 80.99 77.86 75.61 73.71 72.07 70.64 69.37	Exce Style 6.00 6.00 85.27 82.07 78.87 76.56 74.62 72.94 71.48 70.18	I Table Lin 1 7.00 8 7.00 0 84.49 4 81.34 5 78.18 6 75.91 9 74.00 9 72.35 7 70.91 7 69.62 3
Jpdate C List / Desc able # Rownum 0 1 2 3 4 6 7 8 10 11	ost Table ription 3 Sin Sq.Ft. 0.00 400.00 500.00 600.00 700.00 800.00 900.00 1000.00 1100.00 1200.00	25 Co ngle, Fair Q 1.00 1.00 82.61 79.58 76.54 74.35 72.50 70.91 69.52 68.28 67.18	Verify All est Table uality 2.00 2.00 82.61 79.58 76.54 74.35 72.50 70.91 69.52 68.28 67.18	3.00 3.00 3.00 84.11 80.98 77.85 75.59 73.69 72.06 70.63 69.35 68.21	4.00 4.00 4.00 84.11 80.98 77.85 75.59 73.69 72.06 70.63 69.35 68.21	(s) 5.00 5.00 84.12 80.99 77.86 75.61 73.71 72.07 70.64 69.37 68.22	Exce Style 6.00 6.00 85.27 78.87 76.56 74.62 72.94 71.48 70.18 69.01	I Table Lin 1 7.00 8 7.00 0 84.49 4 81.34 5 78.18 6 75.91 9 74.00 9 74.00 9 72.35 7 70.91 7 69.62 3 68.48 3
Jpdate C List / Desc able # Rownum 0 1 2 3 4 6 7 8 4 6 7 8 10 11 12	ost Table ription 3 Sin Sq.Ft. 0.00 400.00 500.00 600.00 700.00 800.00 900.00 1000.00 1100.00 1200.00 1300.00	25 Co 1.00 1.00 82.61 79.58 76.54 74.35 72.50 70.91 69.52 68.28 67.18 66.17	Verify All est Table uality 2.00 2.00 82.61 79.58 76.54 74.35 72.50 70.91 69.52 68.28 67.18 66.17	3.00 3.00 3.00 84.11 80.98 77.85 75.59 73.69 72.06 70.63 69.35 68.21 67.18	4.00 4.00 4.00 84.11 80.98 77.85 75.59 73.69 72.06 70.63 69.35 68.21 67.18	5.00 5.00 84.12 80.99 77.86 75.61 73.71 72.07 70.64 69.37 68.22 67.19	Exce Style 6.00 6.00 85.27 82.07 78.87 76.56 74.62 72.94 71.48 70.18 69.01 67.96	I Table Lin 1 7.00 8 7.00 0 84.49 4 81.34 5 78.18 6 75.91 9 74.00 9 74.00 9 72.35 7 70.91 7 69.62 3 68.48 3 67.44 5

Procedural Error Report Log

Parcel Inf	formation				_ • X
Parcel ID 0001-9	6-8 Owner Name	GOODSELL ALLEN	I O. Owner N	ame2 GOODSELL A	MANDA M.
Owner Addres	P.O. BOX 37	City ANY	TOWN State	VT ZipCode 0	5555 Status 🖌
Parcel Hist	tory Land/OB	Sec 1/Pg 1	Sec 1/Pg 2 Sec 1	/Pg 3 Valuation	Picture <u>N</u> ote
Sec ID:	1 🔻	Roof ID:	1 -	Bsmt FNA:	0 No Data
Bldg Type:	1 Single	Roof Cover:	1 CompShg	Bsmt Fin SF:	
Quality:	2.00	Roof Cov %:	100	% Bsmt Entry:	0 💌 No Data
Style:	1 I Story	Dormer LinFt:		Subfloor:	0 💌 No Data
Building SF:	1792	Dormer Roof:	0 💌 No Data	Floor Insul:	0 💌 No Data
Design:	11 Modular	Energy Adj:	0 💌 No Data	Floor Ins SF:	
Frame:	1 Studded	P/Crawl/Slab:	2 SF 18-48"	Heat ID:	1 💌
Extwall ID:	1 💌	Bsmt Wall:	1 Conc 6"	Heat/Cool:	0 💌 No Data
Siding:	0 💌 No Data	Bsmt SF:	1344	Heat/Cool %:	%
Siding %:	0	% Bsmt Garage:	0 💌 No Data	Plaster Int:	%
	Add	Delete		SKETCH	01/31/2014

Now that you know all of the parts of the puzzle we know that the reason we are getting this Procedural Error Report when we run cost on this parcel.

We need to Add a siding choice on Section 1 of this parcel and a Siding percentage as well to be complete. Then run cost again.

This Procedural Error Report is a little different in that it is identifying an issue with a calculation within the costing equation. Because the user set up a Land ID, Calc Method, and Land type the program expects that the 'Area' field to have data as well. Simply enter the correct value to the 'Area' field and this message will be resolved.

Procedural Error Report Log

				Factor	
Error Message	Program	Line	Record	ID	TimeStamp
Parcel: 0001-96-8 Subtable: Cost Equations are	NICEFAIL	2763	709	0	01/31/2014
in error.					07:10:51 PM

Line:510 Order:10570 Equation: A*PA_o*qual*neigh_mult System message is Variable 'PA_O' is not found.

🔄 Parcel In	formation			[- • ×
Parcel ID 0001-9	96-8 Owner Name	GOODSELL ALLEN	O. Owner N	ame2 GOODSELL A	MANDA M.
Owner Addres	P.O. BOX 37	City ANYT	OWN State	VT ZipCode 05	555 Status 🖌
Parcel Hist	tory Land/OB	Sec 1/Pg 1 S	ec 1/Pg 2 Sec 1	/Pg 3 Valuation	Picture <u>N</u> ote
Land ID:	1 💌	Quality:	3 Average	Finish:	
Calc Method:	2 💌 Acreage	Quantity:	3 Typical	Class:	0 💌 No Data
Land Type:	5 Other	SI Name:	well	Quality:	0 💌 No Data
Area:	0.00	Rate:	4000.00	% Good:	
Grade:	0.00	Add to Hsite:	2 Yes	Name:	
Frontage:		Add to Hmstd:	2 Yes	Rate:	
Depth:		Outbld ID:	1 💌	Add to Hsite:	0 💌 NoData
Rate:		Туре:	0 💌 No Data	Add to Hmstd:	0 💌 NoData
S-Imp ID:	1 💌	Area/Diam:		Silo/Barn Ht:	
Туре:	0 💌 No Data	Siding:	0 💌 NoData]	
	Add	Delete		SKETCH	01/31/2014

Illustration A

🔄 Parcel In	formation				- • ×	🔄 Parcel In	nformation					- 0	X
Parcel ID 0001-9	Owner Name	GOODSELL ALLEN	0. Owner Nat	me2 GOODSELL A	MANDA M.	Parcel ID 0001-	96-8 Owner Name	GOODSELL ALLE	N O.	Owner Name2	GOODSELL A	MANDA M.	
Owner Addres	P.O. BOX 37	City ANY	TOWN State	T ZipCode 05	555 Status 🖌	Owner Addres	P.O. BOX 37	City ANY	TOWN	State VT	ZipCode 05	555 Status	4
Parcel His	story Land/OB	Sec 1/Pg 1	Sec 1/Pg 2 Sec 1/F	g 3 Valuation	Picture <u>N</u> ote	Parcel His	story Land/OB	Sec 1/Pg 1	Sec 1/Pg 2	Sec 1/Pg 3	Valuation	Picture	<u>N</u> ote
Description:		Reinspect:	0 💌 No Data	Factor B:		Land ID:	1 💌	Quality:	3 💌 A	verage	Finish:		
Tax Map #:	01-96-8	Book:		Factor C:		Calc Method:	2 Acreage	Quantity:	3 💌 T	ypical	Class:	0 💌 No [Data
Prop Class:		Page:		Skip Total:		Land Type:	6 Total	SI Name:	well		Quality:	0 💌 No [Data
St/Road#:	419	Sale Date:	11	Factor E:		Area:	0.74	Rate:		4000.00	% Good:		
Suffix:		Sale Price:	0	Factor F:		Grade:	2.17	Add to Hsite:	2 💌 Y	es	Name:		
St/Road:	SUNSET VIEW ROA	Validity:	0 💌 No Data	Factor G:		Frontage:		Add to Hmstd:	2 💌 Y	es	Rate:		
Neighborhood:	0 NoData	LastUpdate:	01/31/2014	Factor H:		Depth:		Outbld ID:	1 🔻		Add to Hsite:	0 💌 NoD	Data
Land Size:	0.74	Cost Update:	01/31/2014	Factor I:		Rate:		Туре:	0 💌 N	o Data	Add to Hmstd:	0 💌 NoD	Data
Inspect Date:	11	Street Numbr:		Factor J:		S-Imp ID:	1 🔻	Area/Diam:			Silo/Barn Ht:		
Inspected By:		Factor A:		Factor K:		Туре:	0 No Data	Siding:	0 💌 N	ioData			
	Add	Delete		SKETCH	01/31/2014		Add	Delete			SKETCH	01/31/2014	• 😰

Illustration B

🔄 Update Cos	t Tables		E	Update Co	ost Table	s							×
List / Descrip	tion Cost Table Add Page(s)	Excel Table Link		List / Desci	iption		SUTADIE		Add Page	(5)	Exce	rapre Link	
Table Descrip	tion Site/Acre Land Rates	•		Table #	43 Sit	e/Acre Lar	nd Rates			Neig	hborhood	1 •	•
				Rownum	Acres	1.00	2.00	3.00	4.00	col05	col06	col07 cc	
Table Num	1ber 43 Verify Table Structure			• 0	0.00	1.00	2.00	3.00	4.00	0.00	0.00	0.000	
				1	0.01	0.00	0000.00	2000.00	0.00	0.00	0.00	0.00	
		Categorical (If Any)		2	0.10	0.00	3000.00	2000.00	0.00	0.00	0.00	0.00	
Description	Site/Acre Land Rates			3	0.15	0.00	26000.00	2000.00	0.00	0.00	0.00	0.00	
2 cc cipiton	Sitembre Land Nates			4	0.20	0.00	26000.00	2000.00	0.00	0.00	0.00	0.00	
Pages	Neighborhood	0 🔻		5	0.30	0.00	8000.00	2000.00	0.00	0.00	0.00	0.00	Ξ
_				6	0.40	0.00	30000.00	2000.00	0.00	0.00	0.00	0.00	
Rows	Acres	0 🔻		7	0.50	0.00	2000.00	2000.00	0.00	0.00	0.00	0.00	
				8	0.60	0.00	4000.00	2000.00	0.00	0.00	0.00	0.00	
Columns	Value/Constant	0 🔻		9	0.70	0.00	6000.00	2000.00	0.00	0.00	0.00	0.00	
				10	0.80	0.00	8000.00	2000.00	0.00	0.00	0.00	0.00	
				11	0.90	0.00	9800.00	2000.00	0.00	0.00	0.00	0.00	-
	Verify All Table Structures			▲ Ⅲ	1 00	2000.001		2000 001	0.00	0.00	0.00		

Error Report I	Log			
Program	Line	Record	Factor ID	TimeStamp
GETCOSTB	1924	10316	0	01/31/2014 06:39:54 PM
	Error Report I Program GETCOSTB	Error Report Log Program Line GETCOSTB 1924	Error Report Log Program Line Record GETCOSTB 1924 10316	Error Report Log Factor Program Line Record ID GETCOSTB 1924 10316 0

Quiz – Use the illustration A of the 'Parcel' and 'Land/OB' tab along with illustration B table 43. Can you tell what problem this Procedural Error Log is report to the end user?

What Section has the issue?

What field is causing the problem?

What is on page 0 for table 43?