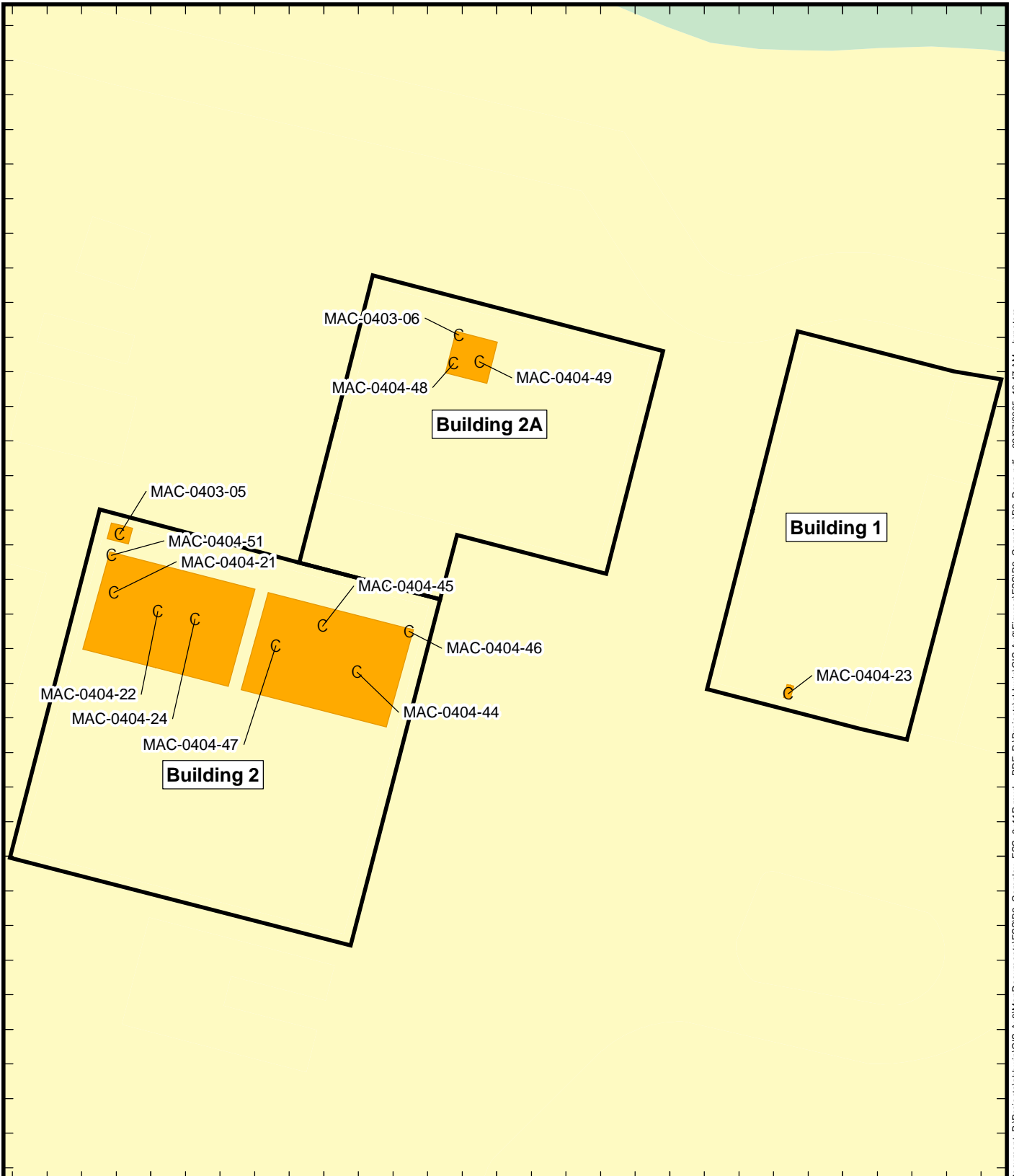


APPENDIX I
SUB-SLAB RESULTS AND DATA EVALUATION

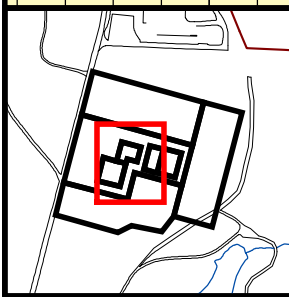
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CT State Plane NAD 27 Feet:



Legend

Deep Residual Areas	Survey Unit
Soil Sample Location	Forest
	Open
	Water
	Road

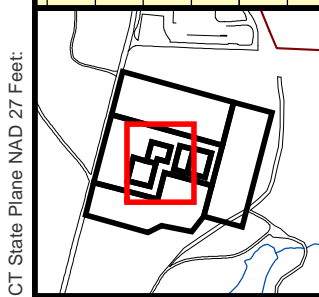
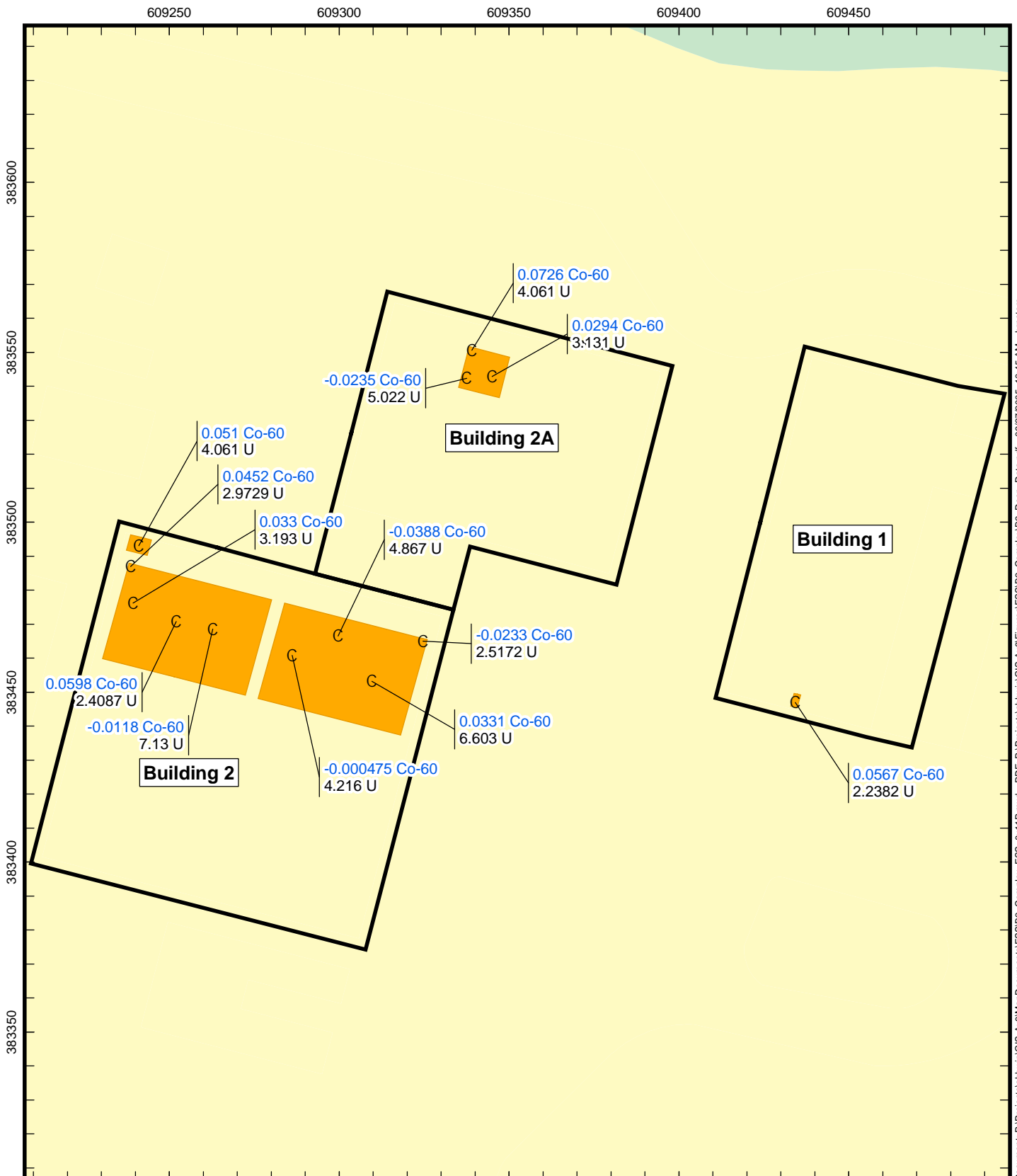
0 20 40 Feet

Prepared by BRP | Checked by HTD

**Sub-Slab Sample Locations
Building 2 Complex**

Final Status Survey
CE Windsor Site
Windsor, Connecticut

MACTEC



Legend

- Co-60 (pCi/g)
- Total U (pCi/g)
- C Soil Sample Location
- Deep Residual Areas
- Survey Unit
- Forest
- Open
- Water
- Road

0 20 40 Feet

Prepared by BRP | Checked by HTD

Sub-Slab Sample Results
Building 2 Complex

Final Status Survey
 CE Windsor Site
 Windsor, Connecticut

CT State Plane NAD 27 Feet:

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Building 2 Complex Sub-Slab

Unbiased Volumetric Soil Sample Results

Sample ID	Co-60				U-235				Total U (pCi/g)	Sum of Fraction
	Activity	Uncert.	MDC	Qualifier	Activity	Uncert.	MDC	Qualifier		
MAC-0404-21	3.30E-02	2.00E-02	3.60E-02	U	1.03E-01	1.82E-02	4.37E-02		3.2	0.012
MAC-0404-24	-1.18E-02	7.41E-02	1.29E-01	U	2.30E-01	1.05E-01	2.06E-01		7.1	0.010
MAC-0404-44	3.31E-02	6.51E-02	1.40E-01	U	2.13E-01	9.54E-02	1.86E-01		6.6	0.018
MAC-0404-47	-4.75E-04	9.24E-02	1.86E-01	U	1.36E-01	1.20E-01	2.29E-01	U	4.2	0.007
MAC-0404-49	2.94E-02	8.03E-02	1.59E-01	U	1.01E-01	6.74E-02	1.96E-01	U	3.1	0.012

Biased Volumetric Soil Sample Results

Sample ID	Co-60				U-235				Total U (pCi/g)	Sum of Fraction
	Activity	Uncert.	MDC	Qualifier	Activity	Uncert.	MDC	Qualifier		
MAC-0403-05	5.10E-02	1.50E-02	4.10E-02		1.31E-01	2.20E-02	6.30E-02		4.1	0.017
MAC-0403-06	7.26E-02	4.60E-02	4.80E-02		1.37E-01	2.10E-02	5.90E-02		2.2	0.019
MAC-0404-22	5.98E-02	2.60E-02	5.06E-02		7.77E-02	5.85E-02	7.80E-02	U	2.4	0.016
MAC-0404-23	5.67E-02	2.56E-02	4.96E-02		7.22E-02	6.24E-02	9.15E-02	U	2.2	0.015
MAC-0404-45	-3.88E-02	1.06E-01	1.93E-01	U	1.57E-01	1.26E-01	2.47E-01	U	4.9	0.001
MAC-0404-46	-2.33E-02	9.07E-02	1.62E-01	U	8.12E-02	1.08E-01	2.07E-01	U	2.5	0.000
MAC-0404-48	-2.35E-02	8.24E-02	1.54E-01	U	1.62E-01	8.44E-02	1.79E-01	U	5.0	0.000
MAC-0404-51	4.52E-02	6.54E-02	1.33E-01	U	9.59E-02	2.60E-01	1.21E-01	U	3.0	0.014

Descriptive Statistics Report

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Summary Section of Sub_Tot_U_baised

Count	Mean	Standard Deviation	Standard Error	Minimum	Maximum	Range
13	4.030769	1.547247	0.4291292	2.2	7.1	4.9

Counts Section of Sub_Tot_U_baised

Rows	Sum of Frequencies	Sum of Values	Distinct Values	Sum	Total Sum Squares	Adjusted Sum Squares
13	13	0	12	52.4	239.94	28.72769

Means Section of Sub_Tot_U_baised

Parameter	Mean	Median	Geometric Mean	Harmonic Mean	Sum	Mode
Value	4.030769	4.1	3.777055	3.550004	52.4	4.1
Std Error	0.4291292				5.57868	
95% LCL	3.095777	2.5	3.015016	2.919491	40.2451	
95% UCL	4.965762	5	4.731696	4.527873	64.5549	
T-Value	9.3929					
Prob Level	0.000001					
Count	13		13	13		2

The geometric mean confidence interval assumes that the $\ln(y)$ are normally distributed.

The harmonic mean confidence interval assumes that the $1/y$ are normally distributed.

Variation Section of Sub_Tot_U_baised

Parameter	Variance	Standard Deviation	Unbiased Std Dev	Std Error of Mean	Interquartile Range	Range
Value	2.393974	1.547247	1.579782	0.4291292	2.2	4.9
Std Error	0.8183504	0.3739939		0.1037273		
95% LCL	1.231011	1.109509		0.3077225		
95% UCL	6.523404	2.554096		0.7083787		

Skewness and Kurtosis Section of Sub_Tot_U_baised

Parameter	Skewness	Kurtosis	Fisher's g1	Fisher's g2	Coefficient of Variation	Coefficient % UCL
Value	0.7237978	2.519088	0.8218392	-7.993838E-02	0.3838591	0.2908067
Std Error	0.3996865	0.9737989			5.310898E-02	

Trimmed Section of Sub_Tot_U_baised

Parameter	5% Trimmed	10% Trimmed	15% Trimmed	25% Trimmed	35% Trimmed	45% Trimmed
Trim-Mean	3.961966	3.884615	3.796703	3.788461	3.765385	3.996154
Trim-Std Dev	1.37978	1.173988	0.906758	0.6844553	0.5342823	0.598556
Count	11.7	10.4	9.1	6.5	3.9	1.3

Mean-Deviation Section of Sub_Tot_U_baised

Parameter	X-Mean	X-Median	(X-Mean)^2	(X-Mean)^3	(X-Mean)^4
Average	1.197633	1.192308	2.209822	2.37768	12.3015
Std Error	0.2574516		0.7554004	1.25234	4.92049

Descriptive Statistics Report

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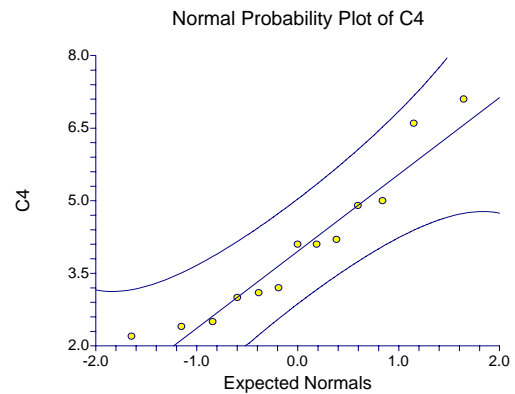
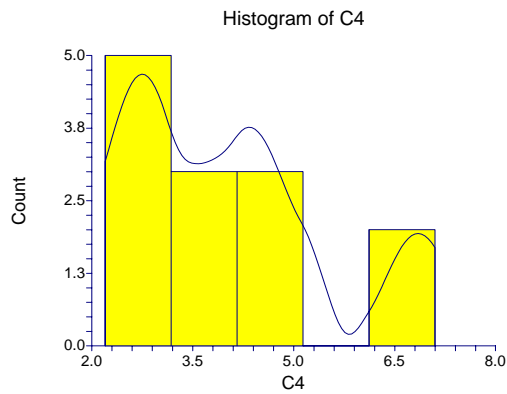
Quartile Section of Sub_Tot_U_baised

Parameter	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Value	2.28	2.75	4.1	4.95	6.9
95% LCL		2.2	2.5	4.1	
95% UCL		4.1	5	7.1	

Normality Test Section of Sub_Tot_U_baised

Test Name	Test Value	Prob Level	10% Critical Value	5% Critical Value	Decision (5%)
Shapiro-Wilk W	0.9122124	0.196613			Can't reject normality
Anderson-Darling	0.4384886	0.294073			Can't reject normality
Martinez-Iglewicz	1.003424		1.328902	1.637564	Can't reject normality
Kolmogorov-Smirnov	0.1658818		0.215	0.234	Can't reject normality
D'Agostino Skewness	1.3608	0.173583	1.645	1.960	Can't reject normality
D'Agostino Kurtosis	0.1459	0.883992	1.645	1.960	Can't reject normality
D'Agostino Omnibus	1.8730	0.391995	4.605	5.991	Can't reject normality

Plots Section of Sub_Tot_U_baised



Descriptive Statistics Report

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Percentile Section of Sub_Tot_U_baised

Percentile	Value	95% LCL	95% UCL	Exact Conf. Level
99.0	7.1			
95.0	7.1			
90.0	6.9			
85.0	6.44			
80.0	5.32			
75.0	4.95	4.1	7.1	95.1953
70.0	4.76	3.2	7.1	97.2088
65.0	4.27	3.1	6.6	95.7848
60.0	4.14	3.1	6.6	95.5290
55.0	4.1	3	5	95.2750
50.0	4.1	2.5	5	97.7539
45.0	3.47	2.5	4.9	95.2750
40.0	3.16	2.4	4.2	95.5290
35.0	3.09	2.2	4.1	95.0102
30.0	3.02	2.2	4.1	97.2088
25.0	2.75	2.2	4.1	95.1953
20.0	2.48			
15.0	2.41			
10.0	2.28			
5.0	2.2			
1.0	2.2			

Percentile Formula: Ave X(p[n+1])

Stem-Leaf Plot Section of Sub_Tot_U_baised

Depth	Stem	Leaves
2	2*	24
3	.	5
6	3*	012
6	.	
(3)	4*	112
4	.	9
3	5*	0
2	.	
2	6*	
2	.	6
1	7*	1

Unit = .1 Example: 1 |2 Represents 1.2

Descriptive Statistics Report

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Summary Section of Sub_Co_60_biased

Count	Mean	Standard Deviation	Standard Error	Minimum	Maximum	Range
8	0.0249625	4.523163E-02	1.599179E-02	-0.0388	0.0726	0.1114

Counts Section of Sub_Co_60_biased

Rows	Sum of Frequencies	Sum of Values	Distinct Values	Sum	Total Sum Squares	Adjusted Sum Squares
13	8	5	8	0.1997	1.930631E-02	0.0143213

Means Section of Sub_Co_60_biased

Parameter	Mean	Median	Geometric Mean	Harmonic Mean	Sum	Mode
Value	0.0249625	0.0481	5.633599E-02	-0.3741831	0.1997	
Std Error	1.599179E-02				0.1279344	
95% LCL	-1.285208E-02	-0.0388	0.0451805	4.623605E-02	-0.1028167	
95% UCL	6.277709E-02	0.0598	7.024587E-02	-3.707394E-02	0.5022167	
T-Value	1.5610					
Prob Level	0.162502					
Count	8		5	8		

The geometric mean confidence interval assumes that the $\ln(y)$ are normally distributed.

The harmonic mean confidence interval assumes that the $1/y$ are normally distributed.

Variation Section of Sub_Co_60_biased

Parameter	Variance	Standard Deviation	Unbiased Std Dev	Std Error of Mean	Interquartile Range	Range
Value	0.0020459	4.523163E-02	4.687067E-02	1.599179E-02	0.082475	0.1114
Std Error	4.539701E-04	7.096922E-03		2.509141E-03		
95% LCL	8.943677E-04	2.990598E-02		1.057336E-02		
95% UCL	8.474797E-03	9.205866E-02		3.254765E-02		

Skewness and Kurtosis Section of Sub_Co_60_biased

Parameter	Skewness	Kurtosis	Fisher's g1	Fisher's g2	Coefficient of Variation	Coefficient % UCL
Value	-0.4574355	1.393891	-0.5705224	-1.972829	1.811983	0.7289501
Std Error	0.6984345	0.7126693			1.24003	

Trimmed Section of Sub_Co_60_biased

Parameter	5% Trimmed	10% Trimmed	15% Trimmed	25% Trimmed	35% Trimmed	45% Trimmed
Trim-Mean	2.585833E-02	2.697813E-02	2.832857E-02	0.0324	4.286667E-02	0.0481
Trim-Std Dev	4.359181E-02	4.133716E-02	3.959141E-02	3.742896E-02	2.653129E-02	
Count	7.2	6.4	5.6	4	2.4	0.8

Mean-Deviation Section of Sub_Co_60_biased

Parameter	X-Mean	X-Median	(X-Mean)^2	(X-Mean)^3	(X-Mean)^4
Average	4.012188E-02	0.0350625	1.790162E-03	-3.464723E-05	4.466975E-06
Std Error	9.565908E-03		3.972238E-04	4.45969E-05	1.452803E-06

Descriptive Statistics Report

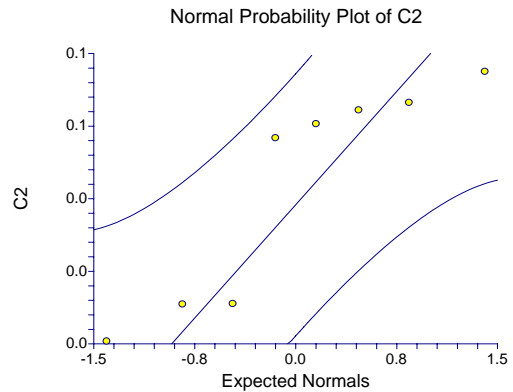
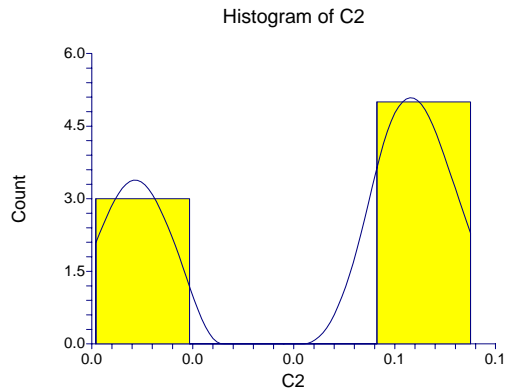
Quartile Section of Sub_Co_60_biased

	10th	25th	50th	75th	90th
Parameter	Percentile	Percentile	Percentile	Percentile	Percentile
Value	-0.0388	-0.02345	0.0481	0.059025	0.0726
95% LCL			-0.0388		
95% UCL			0.0598		

Normality Test Section of Sub_Co_60_biased

Test Name	Test Value	Prob Level	10% Critical Value	5% Critical Value	Decision (5%)
Shapiro-Wilk W	0.8157819	0.042126			Reject normality
Anderson-Darling	0.7660264	0.046485			Reject normality
Martinez-Iglewicz	0.9790406		1.548495	2.421191	Can't reject normality
Kolmogorov-Smirnov	0.2320159		0.265	0.288	Can't reject normality
D'Agostino Skewness	-0.7685	0.442163	1.645	1.960	Can't reject normality
D'Agostino Kurtosis	-1.6864	0.091710	1.645	1.960	Can't reject normality
D'Agostino Omnibus	3.4348	0.179536	4.605	5.991	Can't reject normality

Plots Section of Sub_Co_60_biased



Descriptive Statistics Report

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Percentile Section of Sub_Co_60_biased

Percentile	Value	95% LCL	95% UCL	Exact Conf. Level
99.0	0.0726			
95.0	0.0726			
90.0	0.0726			
85.0	0.06812			
80.0	0.06236			
75.0	0.059025			
70.0	0.05763			
65.0	0.055845	-0.0235	0.0726	96.4565
60.0	0.05328	-0.0235	0.0726	97.4684
55.0	0.05071	-0.0235	0.0726	97.3504
50.0	0.0481	-0.0388	0.0598	96.0938
45.0	0.04549	-0.0388	0.0598	97.3504
40.0	0.0178	-0.0388	0.0598	97.4684
35.0	-0.013025	-0.0388	0.0598	96.4565
30.0	-0.02336			
25.0	-0.02345			
20.0	-0.02656			
15.0	-0.033445			
10.0	-0.0388			
5.0	-0.0388			
1.0	-0.0388			

Percentile Formula: Ave X(p[n+1])

Stem-Leaf Plot Section of Sub_Co_60_biased

Depth	Stem	Leaves
3	T	322
3	-0*	
3	0*	
3	T	
(4)	F	4555
1	S	7

Unit = .01 Example: 1 |2 Represents 0.12

Descriptive Statistics Report

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Summary Section of Sub_Tot_U_Non_baised

Count	Mean	Standard Deviation	Standard Error	Minimum	Maximum	Range
5	4.84	1.892881	0.8465223	3.1	7.1	4

Counts Section of Sub_Tot_U_Non_baised

Rows	Sum of Frequencies	Missing Values	Distinct Values	Sum	Total Sum Squares	Adjusted Sum Squares
130	5	125	5	24.2	131.46	14.332

Means Section of Sub_Tot_U_Non_baised

Parameter	Mean	Median	Geometric Mean	Harmonic Mean	Sum	Mode
Value	4.84	4.2	4.551061	4.289871	24.2	
Std Error	0.8465223				4.232612	
95% LCL	2.489677				12.44839	
95% UCL	7.190323				35.95161	
T-Value	5.7175					
Prob Level	0.004630					
Count	5		5	5		

Variation Section of Sub_Tot_U_Non_baised

Parameter	Variance	Standard Deviation	Unbiased Std Dev	Std Error of Mean	Interquartile Range	Range
Value	3.583	1.892881	2.013735	0.8465223	3.7	4
Std Error	0.8355216	0.3121183		0.1395836		
95% LCL	1.286156	1.134088		0.5071796		
95% UCL	29.58599	5.4393		2.432529		

Skewness and Kurtosis Section of Sub_Tot_U_Non_baised

Parameter	Skewness	Kurtosis	Fisher's g1	Fisher's g2	Coefficient of Variation	Coefficient of Dispersion
Value	0.2907036	1.271889	0.4333553	-2.912444	0.3910912	0.352381
Std Error	0.8407693	0.5816343			5.207398E-02	

Trimmed Section of Sub_Tot_U_Non_baised

Parameter	5% Trimmed	10% Trimmed	15% Trimmed	25% Trimmed	35% Trimmed	45% Trimmed
Trim-Mean	4.811111	4.775	4.728571	4.62	4.433333	-0.6
Trim-Std Dev	1.874219	1.848197	1.809657	1.756701	1.793507	
Count	4.5	4	3.5	2.5	1.5	0.5

Mean-Deviation Section of Sub_Tot_U_Non_baised

Parameter	X-Mean	X-Median	(X-Mean)^2	(X-Mean)^3	(X-Mean)^4
Average	1.608	1.48	2.8664	1.410768	10.45016
Std Error	0.5041636		0.6684173	3.802422	3.337574

Descriptive Statistics Report

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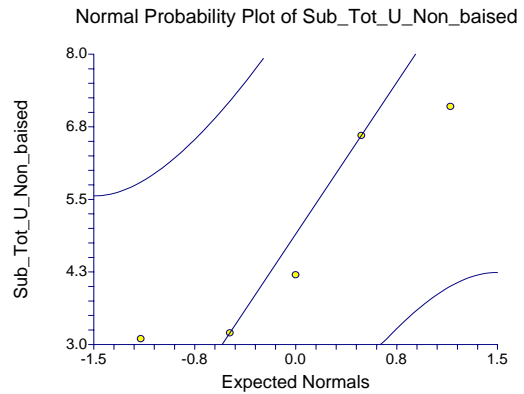
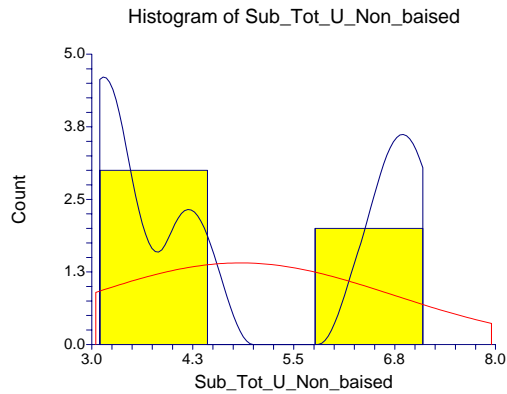
Quartile Section of Sub_Tot_U_Non_baised

	10th	25th	50th	75th	90th
Parameter	Percentile	Percentile	Percentile	Percentile	Percentile
Value	3.1	3.15	4.2	6.85	7.1
95% LCL					
95% UCL					

Normality Test Section of Sub_Tot_U_Non_baised

Test Name	Test Value	Prob Level	10% Critical Value	5% Critical Value	Decision (5%)
Shapiro-Wilk W	0.8445926	0.178022			Accept Normality
Anderson-Darling					
Martinez-Iglewicz	1.075559		1.957019	4.768394	Accept Normality
Kolmogorov-Smirnov	0.2323594		0.319	0.319	Accept Normality
D'Agostino Skewness	0.0000		1.645	1.960	
D'Agostino Kurtosis		1.000000	1.645	1.960	
D'Agostino Omnibus			4.605	5.991	

Plots Section of Sub_Tot_U_Non_baised



Descriptive Statistics Report

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Percentile Section of Sub_Tot_U_Non_baised

Percentile	Value	95% LCL	95% UCL	Exact Conf. Level
99.0	7.1			
95.0	7.1			
90.0	7.1			
85.0	7.1			
80.0	7			
75.0	6.85			
70.0	6.7			
65.0	6.36			
60.0	5.64			
55.0	4.92			
50.0	4.2			
45.0	3.9			
40.0	3.6			
35.0	3.3			
30.0	3.18			
25.0	3.15			
20.0	3.12			
15.0	3.1			
10.0	3.1			
5.0	3.1			
1.0	3.1			

Percentile Formula: Ave $X(p[n+1])$

Stem-Leaf Plot Section of Sub_Tot_U_Non_baised

Depth	Stem	Leaves
2	3	12
(1)	4	2
2	5	
2	6	6
1	7	1

Unit = .1 Example: 1 |2 Represents 1.2

Descriptive Statistics Report

Page/Date/Time 4 9/6/2005 2:53:17 PM
 Database C:\MACTEC\Projects\Windsor\F ... Complex\Stats Info\All SU.S0

Summary Section of Sub_Co_60_Non_biased

Count	Mean	Standard Deviation	Standard Error	Minimum	Maximum	Range
5	0.016645	2.123179E-02	9.495145E-03	-0.0118	0.0331	0.0449

Counts Section of Sub_Co_60_Non_biased

Rows	Sum of Frequencies	Missing Values	Distinct Values	Sum	Total Sum Squares	Adjusted Sum Squares
130	5	125	5	0.083225	3.188436E-03	1.803156E-03

Means Section of Sub_Co_60_Non_biased

Parameter	Mean	Median	Geometric Mean	Harmonic Mean	Sum	Mode
Value	0.016645	0.0294	3.178555E-02	-2.386087E-03	0.083225	
Std Error	9.495145E-03				4.747573E-02	
95% LCL	-9.717749E-03				-4.858874E-02	
95% UCL	4.300775E-02				0.2150387	
T-Value	1.7530					
Prob Level	0.154474					
Count	5		3	5		

Variation Section of Sub_Co_60_Non_biased

Parameter	Variance	Standard Deviation	Unbiased Std Dev	Std Error of Mean	Interquartile Range	Range
Value	4.507889E-04	2.123179E-02	2.258736E-02	9.495145E-03	0.0391875	0.0449
Std Error	1.278754E-04	4.258783E-03		1.904586E-03		
95% LCL	1.618154E-04	1.272067E-02		5.688856E-03		
95% UCL	3.722309E-03	6.101073E-02		2.728483E-02		

Skewness and Kurtosis Section of Sub_Co_60_Non_biased

Parameter	Skewness	Kurtosis	Fisher's g1	Fisher's g2	Coefficient of Variation	Coefficient of Dispersion
Value	-0.5001927	1.402344	-0.7456433	-2.390623	1.275566	0.5331632
Std Error	0.8948247	0.8976937			0.8012563	

Trimmed Section of Sub_Co_60_Non_biased

Parameter	5% Trimmed	10% Trimmed	15% Trimmed	25% Trimmed	35% Trimmed	45% Trimmed
Trim-Mean	1.731111E-02	1.814375E-02	1.921429E-02	0.0215175	2.502083E-02	0.0222
Trim-Std Dev	2.091607E-02	2.044691E-02	1.969911E-02	0.0186864	0.0198798	
Count	4.5	4	3.5	2.5	1.5	0.5

Mean-Deviation Section of Sub_Co_60_Non_biased

Parameter	X-Mean	X-Median	(X-Mean)^2	(X-Mean)^3	(X-Mean)^4
Average	0.018226	0.015675	3.606311E-04	-3.425564E-06	1.823816E-07
Std Error	5.655027E-03		1.023003E-04	5.203518E-06	7.566951E-08

Descriptive Statistics Report

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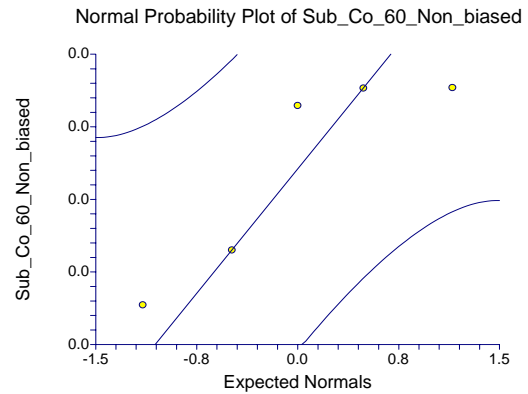
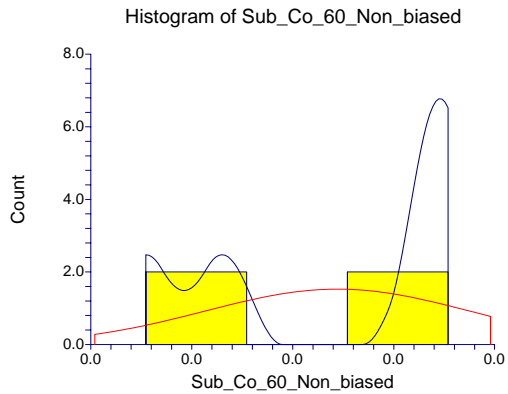
Quartile Section of Sub_Co_60_Non_biased

	10th	25th	50th	75th	90th
Parameter	Percentile	Percentile	Percentile	Percentile	Percentile
Value	-0.0118	-0.0061375	0.0294	0.03305	0.0331
95% LCL					
95% UCL					

Normality Test Section of Sub_Co_60_Non_biased

Test Name	Test Value	Prob Level	10% Critical Value	5% Critical Value	Decision (5%)
Shapiro-Wilk W	0.797527	0.077348			Accept Normality
Anderson-Darling					
Martinez-Iglewicz	25.19931		1.957019	4.768394	Reject Normality
Kolmogorov-Smirnov	0.2191648		0.319	0.319	Accept Normality
D'Agostino Skewness	0.0000		1.645	1.960	
D'Agostino Kurtosis		1.000000	1.645	1.960	
D'Agostino Omnibus			4.605	5.991	

Plots Section of Sub_Co_60_Non_biased



Descriptive Statistics Report

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Percentile Section of Sub_Co_60_Non_biased

Percentile	Value	95% LCL	95% UCL	Exact Conf. Level
99.0	0.0331			
95.0	0.0331			
90.0	0.0331			
85.0	0.0331			
80.0	0.03308			
75.0	0.03305			
70.0	0.03302			
65.0	0.03264			
60.0	0.03156			
55.0	0.03048			
50.0	0.0294			
45.0	0.0204375			
40.0	0.011475			
35.0	0.0025125			
30.0	-0.00274			
25.0	-0.0061375			
20.0	-0.009535			
15.0	-0.0118			
10.0	-0.0118			
5.0	-0.0118			
1.0	-0.0118			

Percentile Formula: Ave $X(p[n+1])$

Stem-Leaf Plot Section of Sub_Co_60_Non_biased

Depth	Stem	Leaves
1	-1	1
2	-0	0
2	0	
2	1	
(1)	2	9
2	3	33

Unit = .001 Example: 1 |2 Represents 0.012

Descriptive Statistics Report

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Summary Section of Sub_SOF_Non_biased

Count	Mean	Standard Deviation	Standard Error	Minimum	Maximum	Range
5	0.0118	4.024922E-03	0.0018	0.007	0.018	0.011

Counts Section of Sub_SOF_Non_biased

Rows	Sum of Frequencies	Missing Values	Distinct Values	Sum	Total Sum Squares	Adjusted Sum Squares
130	5	125	4	0.059	0.000761	0.0000648

Means Section of Sub_SOF_Non_biased

Parameter	Mean	Median	Geometric Mean	Harmonic Mean	Sum	Mode
Value	0.0118	0.012	0.0112654	1.075085E-02	0.059	0.012
Std Error	0.0018				0.009	
95% LCL	6.802399E-03				3.401199E-02	
95% UCL	0.0167976				0.083988	
T-Value	6.5556					
Prob Level	0.002800					
Count	5		5	5		2

Variation Section of Sub_SOF_Non_biased

Parameter	Variance	Standard Deviation	Unbiased Std Dev	Std Error of Mean	Interquartile Range	Range
Value	0.0000162	4.024922E-03	4.281898E-03	0.0018	0.0065	0.011
Std Error	8.584754E-06	1.508188E-03		6.74482E-04		
95% LCL	5.81516E-06	2.411464E-03		1.07844E-03		
95% UCL	1.337686E-04	1.156584E-02		0.0051724		

Skewness and Kurtosis Section of Sub_SOF_Non_biased

Parameter	Skewness	Kurtosis	Fisher's g1	Fisher's g2	Coefficient of Variation	Coefficient of Dispersion
Value	0.5226337	2.404092	0.7790964	1.616369	0.3410951	0.2166667
Std Error	0.5231989	1.045419			8.138564E-02	

Trimmed Section of Sub_SOF_Non_biased

Parameter	5% Trimmed	10% Trimmed	15% Trimmed	25% Trimmed	35% Trimmed	45% Trimmed
Trim-Mean	1.172222E-02	0.011625	0.0115	0.0114	1.166667E-02	0.012
Trim-Std Dev	3.757004E-03	3.363406E-03	2.711088E-03	1.183216E-03	1.290994E-03	
Count	4.5	4	3.5	2.5	1.5	0.5

Mean-Deviation Section of Sub_SOF_Non_biased

Parameter	X-Mean	X-Median	(X-Mean)^2	(X-Mean)^3	(X-Mean)^4
Average	0.00264	0.0026	1.296E-05	2.4384E-08	4.037952E-10
Std Error	1.072027E-03		6.867803E-06	1.679473E-08	0

Descriptive Statistics Report

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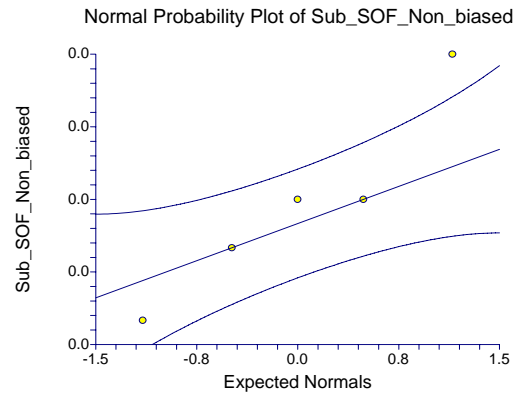
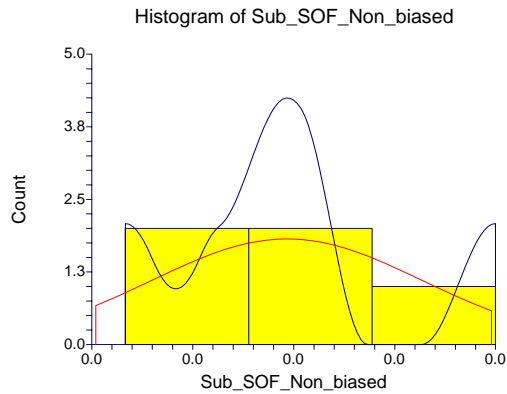
Quartile Section of Sub_SOF_Non_biased

	10th	25th	50th	75th	90th
Parameter	Percentile	Percentile	Percentile	Percentile	Percentile
Value	0.007	0.0085	0.012	0.015	0.018
95% LCL					
95% UCL					

Normality Test Section of Sub_SOF_Non_biased

Test Name	Test Value	Prob Level	10% Critical Value	5% Critical Value	Decision (5%)
Shapiro-Wilk W	0.9373853	0.647516			Accept Normality
Anderson-Darling					
Martinez-Iglewicz	1.106504		1.957019	4.768394	Accept Normality
Kolmogorov-Smirnov	0.2801846		0.319	0.319	Accept Normality
D'Agostino Skewness	0.0000		1.645	1.960	
D'Agostino Kurtosis		1.000000	1.645	1.960	
D'Agostino Omnibus			4.605	5.991	

Plots Section of Sub_SOF_Non_biased



Descriptive Statistics Report

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Percentile Section of Sub_SOF_Non_biased

Percentile	Value	95% LCL	95% UCL	Exact Conf. Level
99.0	0.018			
95.0	0.018			
90.0	0.018			
85.0	0.018			
80.0	0.0168			
75.0	0.015			
70.0	0.0132			
65.0	0.012			
60.0	0.012			
55.0	0.012			
50.0	0.012			
45.0	0.0114			
40.0	0.0108			
35.0	0.0102			
30.0	0.0094			
25.0	0.0085			
20.0	0.0076			
15.0	0.007			
10.0	0.007			
5.0	0.007			
1.0	0.007			

Percentile Formula: Ave $X(p[n+1])$

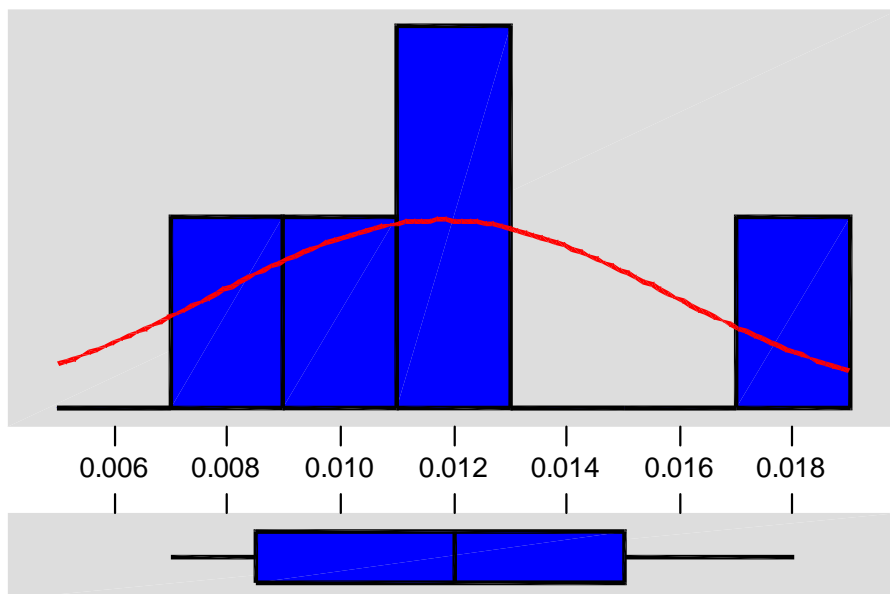
Stem-Leaf Plot Section of Sub_SOF_Non_biased

Depth	Stem	Leaves
1	7	0
1	8	
1	9	
2	10	0
2	11	
(2)	12	00
High		180

Unit = .0001 Example: 1 |2 Represents 0.0012

Descriptive Statistics

Variable: Sub-Slab SOF



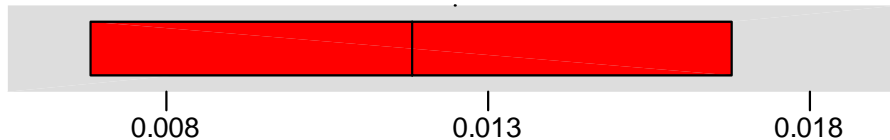
Anderson-Darling Normality Test

A-Squared: 0.294
P-Value: 0.438

Mean 1.18E-02
StDev 4.02E-03
Variance 1.62E-05
Skewness 0.779096
Kurtosis 1.61637
N 5

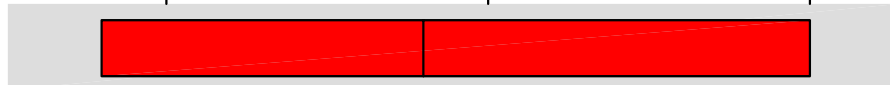
Minimum 7.00E-03
1st Quartile 8.50E-03
Median 1.20E-02
3rd Quartile 1.50E-02
Maximum 1.80E-02

95% Confidence Interval for Mu



95% Confidence Interval for Mu
6.80E-03 1.68E-02

95% Confidence Interval for Median



95% Confidence Interval for Sigma
2.41E-03 1.16E-02
95% Confidence Interval for Median
7.00E-03 1.80E-02

Descriptive Statistics Graph, Sub-Slab Sum-of-Fractions

One-Sample T-Test Report

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 Variable Sub_SOF_Non_biased

Descriptive Statistics Section

Variable	Count	Mean	Standard Deviation	Standard Error	95% LCL of Mean	95% UCL of Mean
Sub_SOF_Non_biased	5	0.0167976	0.0118	4.024922E-03	0.0018	6.802399E-03

T for Confidence Limits = 2.7764

Tests of Assumptions Section

Assumption	Value	Probability	Decision(5%)
Skewness Normality	0.0000		
Kurtosis Normality		1.000000	Cannot reject normality
Omnibus Normality			
Correlation Coefficient			

T-Test For Difference Between Mean and Value Section

Alternative Hypothesis	T-Value	Prob Level	Decision (5%)	Power (Alpha=.05)	Power (Alpha=.01)
Sub_SOF_Non_biased<>1	-549.0000	0.000000	Reject Ho	1.000000	1.000000
Sub_SOF_Non_biased<1	-549.0000	0.000000	Reject Ho	1.000000	1.000000
Sub_SOF_Non_biased>1	-549.0000	1.000000	Accept Ho	0.000000	0.000000

Nonparametric Tests Section

Quantile (Sign) Test

Hypothesized Value	Quantile	Number Lower	Number Higher	Prob Lower	Prob Higher	Prob Both
1	0.5	5	0	1.000000	0.031250	0.062500

Wilcoxon Signed-Rank Test for Difference in Medians

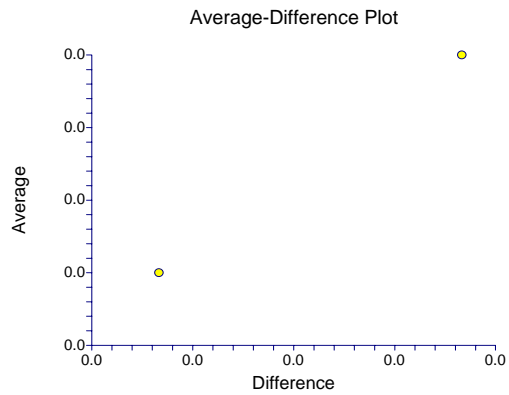
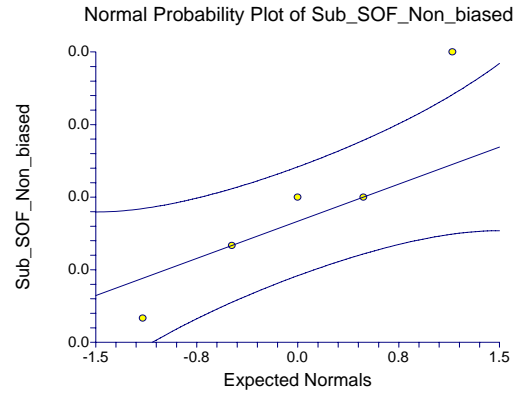
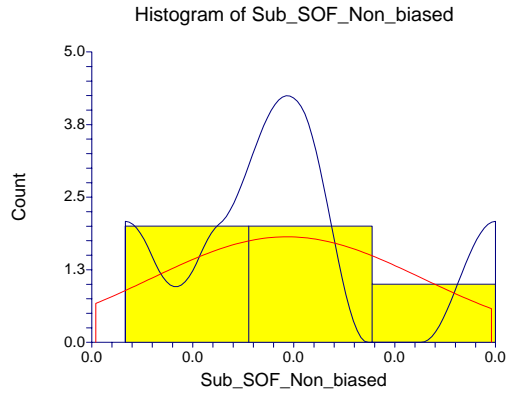
W Sum Ranks	Mean of W	Std Dev of W	Number of Zeros	Number Sets of Ties	Multiplicity Factor
0	7.5	3.691206	0	1	6

Alternative Hypothesis	Exact Probability		Approximation Without Continuity Correction			Approximation With Continuity Correction		
	Prob Level	Decision (5%)	Z-Value	Prob Level	Decision (5%)	Z-Value	Prob Level	Decision (5%)
Median<>1			2.0319	0.042168	Reject Ho	1.8964	0.057907	Accept Ho
Median<1			-2.0319	0.021084	Reject Ho	-1.8964	0.028954	Reject Ho
Median>1			-2.0319	0.978916	Accept Ho	-2.1673	0.984895	Accept Ho

One-Sample T-Test Report

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Database C:\MACTEC\Projects\Windsor\F ... Complex\Stats Info\All SU.S0
Variable Sub_SOF_Non_biased

Plots Section



 C E R T I F I C A T E O F A N A L Y S I S

Site Location: CE Windsor
 Sample ID: MAC-0403-05
 Sample Title: Bld. 2 Sump sample below grade
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.450E+002 g
 Sample Taken On: 3/24/2004 1:20:00 PM
 Acquisition Started: 3/25/2004 11:04:40 AM
 Live Time: 14400.0 seconds
 Real Time: 14423.3 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.10E+001	1.96E+000	4.49E-001	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			1.96E-002	1.91E-002	3.54E-002
CO-57	NOT FOUND/DATA for 122.06 keV			6.35E-003	1.78E-002	3.10E-002
CO-60	5.51E-002	1.50E-002	4.10E-002	FOUND		
ZN-65	NOT FOUND/DATA for 1115.55 keV			-1.63E-002	3.77E-002	6.99E-002
AG-110m	NOT FOUND/DATA for 657.76 keV			7.73E-004	1.11E-002	3.29E-002
SB-125	NOT FOUND/DATA for 427.89 keV			5.13E-002	6.16E-002	1.03E-001
CS-134	NOT FOUND/DATA for 604.70 keV			-5.23E-003	1.46E-002	3.14E-002
CS-137	1.16E-001	6.60E-002	6.13E-002	FOUND		
TL-208	3.75E-001	8.32E-002	6.39E-002	FOUND		
PB-212	9.42E-001	7.56E-002	7.41E-002	FOUND		
BI-214	8.52E-001	1.47E-001	1.11E-001	FOUND		
PB-214	7.95E-001	1.32E-001	1.35E-001	FOUND		
RA-226	2.15E+000	3.60E-001	1.03E+000	FOUND		
AC-228	9.34E-001	2.16E-001	2.07E-001	FOUND		
TH-230	NOT FOUND/DATA for 67.67 keV			-5.40E+000	1.03E+001	1.58E+001
PA-231	NOT FOUND/DATA for 300.02 keV			1.42E+000	8.42E-001	1.10E+000
PA-234	NOT FOUND/DATA for 98.44 keV			6.76E-003	8.07E-002	1.26E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			5.22E-001	3.19E+000	5.73E+000
TH-234	1.41E+000	3.96E-001	8.36E-001	FOUND		
U-234	NOT FOUND/DATA for 53.20 keV			-1.79E+001	8.49E+001	1.32E+002
U-235	1.31E-001	2.22E-002	6.30E-002	FOUND		
U-238	1.41E+000	3.95E-001	8.36E-001	FOUND		
AM-241	NOT FOUND/DATA for 59.54 keV			-1.53E-001	1.67E-001	2.51E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0403-06
 Sample Title: Bld.2A Below Sump Slab Soil Sample
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 8.080E+002 g
 Sample Taken On: 3/24/2004 1:20:00 PM
 Acquisition Started: 3/24/2004 5:32:55 PM
 Live Time: 14400.0 seconds
 Real Time: 14423.7 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.11E+001	1.91E+000	4.61E-001	FOUND		
MN-54	NOT FOUND/DATA for		834.83 keV	7.57E-003	1.76E-002	3.15E-002
CO-57	NOT FOUND/DATA for		122.06 keV	-1.84E-002	1.64E-002	2.79E-002
CO-60	7.26E-002	4.60E-002	4.77E-002	FOUND		
ZN-65	NOT FOUND/DATA for		1115.55 keV	-4.91E-002	4.15E-002	6.70E-002
AG-110m	NOT FOUND/DATA for		657.76 keV	4.02E-003	1.50E-002	3.12E-002
SB-125	NOT FOUND/DATA for		427.89 keV	9.07E-003	5.61E-002	9.14E-002
CS-134	NOT FOUND/DATA for		604.70 keV	2.74E-003	1.42E-002	2.88E-002
CS-137	4.88E-002	1.55E-002	5.90E-002	FOUND		
TL-208	3.47E-001	6.83E-002	5.78E-002	FOUND		
PB-212	9.20E-001	7.03E-002	8.05E-002	FOUND		
BI-214	9.40E-001	8.94E-002	1.16E-001	FOUND		
PB-214	7.63E-001	6.72E-002	1.23E-001	FOUND		
RA-226	2.24E+000	3.45E-001	9.68E-001	FOUND		
AC-228	9.07E-001	1.15E-001	2.02E-001	FOUND		
TH-230	NOT FOUND/DATA for		67.67 keV	4.47E+000	9.33E+000	1.48E+001
PA-231	NOT FOUND/DATA for		300.02 keV	1.02E+000	7.03E-001	1.02E+000
PA-234	NOT FOUND/DATA for		131.20 keV	-8.12E-002	8.68E-002	1.22E-001
PA-234M	NOT FOUND/DATA for		1001.03 keV	1.10E+000	2.99E+000	5.36E+000
TH-234	1.07E+000	2.45E-001	6.93E-001	FOUND		
U-234	NOT FOUND/DATA for		53.20 keV	3.56E+001	8.02E+001	1.26E+002
U-235	1.37E-001	2.13E-002	5.89E-002	FOUND		
U-238	1.07E+000	2.44E-001	6.93E-001	FOUND		
AM-241	NOT FOUND/DATA for		59.54 keV	1.47E-002	1.59E-001	2.49E-001

Uncertainty reported at 2.0 sigma

 ***** CERTIFICATE OF ANALYSIS *****

Site Location: CE Windsor
 Sample ID: MAC-0404-21
 Sample Title: B2-C1-1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 9.699E+002 g
 Sample Taken On: 4/20/2004 10:40:00 AM
 Acquisition Started: 4/21/2004 1:43:52 PM
 Live Time: 14400.0 seconds
 Real Time: 14422.2 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.14E+001	1.85E+000	3.58E-001	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	2.01E-002	1.58E-002	2.94E-002
CO-57	NOT FOUND/DATA	for	122.06 keV	-8.99E-003	1.48E-002	2.53E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	3.33E-002	1.98E-002	3.62E-002
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-2.91E-002	2.53E-002	5.43E-002
AG-110m	NOT FOUND/DATA	for	657.76 keV	6.16E-003	1.36E-002	2.46E-002
SB-125	NOT FOUND/DATA	for	427.89 keV	-2.97E-002	4.72E-002	7.41E-002
CS-134	NOT FOUND/DATA	for	604.70 keV	-8.38E-003	1.36E-002	2.39E-002
CS-137	2.82E-002	3.78E-002	4.05E-002	FOUND		
TL-208	2.97E-001	5.79E-002	5.20E-002	FOUND		
PB-212	8.06E-001	6.44E-002	6.29E-002	FOUND		
BI-214	9.05E-001	9.71E-002	9.51E-002	FOUND		
PB-214	6.41E-001	1.14E-001	1.02E-001	FOUND		
RA-226	1.69E+000	2.96E-001	7.18E-001	FOUND		
AC-228	9.38E-001	2.00E-001	1.58E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-3.34E-001	8.25E+000	1.28E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	9.96E-001	6.44E-001	9.00E-001
PA-234	NOT FOUND/DATA	for	98.44 keV	-2.51E-003	6.44E-002	1.01E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	6.03E-001	2.63E+000	4.69E+000
TH-234	1.21E+000	3.84E-001	7.21E-001	FOUND		
U-234	NOT FOUND/DATA	for	53.20 keV	1.02E+001	7.07E+001	1.11E+002
U-235	1.03E-001	1.82E-002	4.37E-002	FOUND		
U-238	NOT FOUND/DATA	for	92.60 keV	1.20E+000	5.15E-001	7.21E-001
AM-241	NOT FOUND/DATA	for	59.54 keV	2.31E-002	1.33E-001	2.10E-001

Uncertainty reported at 2.0 sigma

 ***** CERTIFICATE OF ANALYSIS *****

Site Location: CE Windsor
 Sample ID: MAC-0404-22
 Sample Title: B2-C1-3
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.667E+002 g
 Sample Taken On: 4/20/2004 10:40:00 AM
 Acquisition Started: 4/21/2004 5:46:47 PM
 Live Time: 14400.0 seconds
 Real Time: 14422.2 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.17E+001	2.14E+000	5.22E-001	FOUND		
MN-54	2.09E-002	5.42E-002	4.00E-002	FOUND		
CO-57	NOT FOUND/DATA for 122.06 keV			5.29E-003	1.95E-002	3.40E-002
CO-60	NOT FOUND/DATA for 1173.24 keV			5.98E-002	2.60E-002	5.06E-002
ZN-65	NOT FOUND/DATA for 1115.55 keV			-4.25E-003	4.68E-002	8.23E-002
AG-110m	NOT FOUND/DATA for 657.76 keV			-6.93E-003	2.14E-002	3.44E-002
SB-125	NOT FOUND/DATA for 427.89 keV			-2.22E-002	6.49E-002	1.04E-001
CS-134	NOT FOUND/DATA for 604.70 keV			8.15E-003	2.09E-002	3.46E-002
CS-137	4.36E-002	1.69E-002	5.44E-002	FOUND		
TL-208	2.82E-001	6.90E-002	7.24E-002	FOUND		
PB-212	9.23E-001	1.16E-001	8.84E-002	FOUND		
BI-214	7.79E-001	6.28E-002	1.09E-001	FOUND		
PB-214	7.05E-001	1.37E-001	1.53E-001	FOUND		
RA-226	1.28E+000	9.61E-001	1.28E+000	FOUND		
AC-228	1.03E+000	2.30E-001	1.97E-001	FOUND		
TH-230	NOT FOUND/DATA for 67.67 keV			-3.15E+000	1.07E+001	1.66E+001
PA-231	NOT FOUND/DATA for 300.02 keV			1.52E+000	9.21E-001	1.24E+000
PA-234	NOT FOUND/DATA for 98.44 keV			-1.60E-002	8.92E-002	1.38E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			2.29E+000	3.67E+000	6.74E+000
TH-234	1.24E+000	4.47E-001	9.07E-001	FOUND		
U-234	NOT FOUND/DATA for 53.20 keV			5.80E+000	9.42E+001	1.48E+002
U-235	7.77E-002	5.85E-002	7.80E-002	FOUND		
U-238	1.24E+000	4.46E-001	9.07E-001	FOUND		
AM-241	NOT FOUND/DATA for 59.54 keV			-1.58E-001	1.80E-001	2.72E-001

Uncertainty reported at 2.0 sigma

 ***** CERTIFICATE OF ANALYSIS *****

Site Location: CE Windsor
 Sample ID: MAC-0404-23
 Sample Title: B1-Sump Soil/sludge
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.097E+002 g
 Sample Taken On: 4/21/2004 10:40:00 AM
 Acquisition Started: 4/22/2004 7:55:15 AM
 Live Time: 14400.0 seconds
 Real Time: 14422.5 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.85E+001	1.94E+000	4.35E-001	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	4.54E-003	2.01E-002	3.62E-002
CO-57	NOT FOUND/DATA	for	122.06 keV	-5.52E-004	1.99E-002	3.43E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	5.67E-002	2.56E-002	4.96E-002
ZN-65	NOT FOUND/DATA	for	1115.55 keV	8.26E-003	4.60E-002	8.28E-002
AG-110m	NOT FOUND/DATA	for	657.76 keV	-7.98E-003	1.48E-002	3.67E-002
SB-125	NOT FOUND/DATA	for	427.89 keV	7.94E-002	6.70E-002	1.14E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-4.87E-003	2.16E-002	3.49E-002
CS-137	1.57E-001	7.63E-002	6.30E-002	FOUND		
TL-208	2.06E-001	6.82E-002	7.43E-002	FOUND		
PB-212	6.46E-001	1.12E-001	8.30E-002	FOUND		
BI-214	6.48E-001	5.47E-002	1.18E-001	FOUND		
PB-214	5.70E-001	5.86E-002	1.18E-001	FOUND		
RA-226	1.19E+000	1.03E+000	1.50E+000	FOUND		
AC-228	6.85E-001	7.89E-002	2.03E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-3.09E+000	1.06E+001	1.65E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	3.75E-001	6.77E-001	1.17E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-5.63E-002	9.01E-002	1.35E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	3.25E+000	3.54E+000	6.65E+000
TH-234	9.98E-001	2.73E-001	8.85E-001	FOUND		
U-234	NOT FOUND/DATA	for	53.20 keV	-9.08E+001	9.61E+001	1.41E+002
U-235	7.22E-002	6.24E-002	9.15E-002	FOUND		
U-238	9.98E-001	2.72E-001	8.85E-001	FOUND		
AM-241	NOT FOUND/DATA	for	59.54 keV	-3.54E-002	1.72E-001	2.68E-001

Uncertainty reported at 2.0 sigma

 C E R T I F I C A T E O F A N A L Y S I S

Site Location: CE Windsor
 Sample ID: MAC-0404-24
 Sample Title: Bld.2 Cell11 Sub Slab Soil Sample Loc#2
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.413E+002 g
 Sample Taken On: 4/21/2004 12:00:00 PM
 Acquisition Started: 5/25/2004 3:51:24 PM
 Live Time: 1800.0 seconds
 Real Time: 1802.5 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.79E+001	6.63E+000	1.74E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-1.97E-002	8.24E-002	1.49E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	3.16E-002	6.72E-002	1.23E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	-1.18E-002	7.41E-002	1.29E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.13E-001	1.74E-001	3.55E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	7.90E-003	6.78E-002	1.30E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	5.07E-003	2.07E-001	3.79E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-3.18E-002	7.65E-002	1.32E-001
CS-137	8.95E-002	5.97E-002	1.32E-001	FOUND		
TL-208	4.21E-001	1.02E-001	1.64E-001	FOUND		
PB-212	1.10E+000	1.73E-001	2.61E-001	FOUND		
BI-214	1.15E+000	8.79E-001	3.01E-001	FOUND		
PB-214	9.96E-001	2.99E-001	3.82E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	4.31E+000	1.72E+000	3.42E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	8.48E-001	1.14E+000	5.90E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	8.76E+000	3.19E+001	5.49E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.90E+000	2.49E+000	4.50E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-1.60E-002	2.56E-001	4.52E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-1.95E+000	1.34E+001	2.44E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.24E+000	1.24E+000	2.31E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.43E+002	2.94E+002	4.74E+002
U-235	NOT FOUND/DATA	for	185.71 keV	2.30E-001	1.05E-001	2.06E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.24E+000	1.24E+000	2.31E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-4.21E-002	5.82E-001	9.76E-001

Uncertainty reported at 2.0 sigma

 ***** CERTIFICATE OF ANALYSIS *****

Site Location: CE Windsor
 Sample ID: MAC-0404-44
 Sample Title: Bld. 2 Cell 2 Sub Slab Soil Sample Loc #
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.310E+002 g
 Sample Taken On: 4/23/2004 12:00:00 PM
 Acquisition Started: 5/25/2004 8:09:35 AM
 Live Time: 1800.0 seconds
 Real Time: 1802.5 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.39E+001	6.09E+000	1.55E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.73E-002	6.92E-002	1.32E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	1.48E-002	6.13E-002	1.08E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	3.31E-002	6.51E-002	1.40E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.27E-001	1.78E-001	2.65E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	7.75E-003	7.94E-002	1.44E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	5.76E-002	1.60E-001	3.06E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.50E-002	5.78E-002	1.04E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	3.34E-002	8.17E-002	1.55E-001
TL-208	5.29E-001	2.96E-001	1.46E-001	FOUND		
PB-212	2.09E+000	3.23E-001	3.38E-001	FOUND		
BI-214	1.21E+000	1.96E-001	2.96E-001	FOUND		
PB-214	1.35E+000	5.15E-001	3.67E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	3.82E+000	1.57E+000	3.08E+000
AC-228	1.05E+000	3.13E-001	5.88E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	2.99E+001	3.09E+001	5.52E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	2.89E+000	2.59E+000	4.42E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-6.48E-003	2.40E-001	4.25E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	2.80E+000	1.21E+001	2.30E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.06E+000	1.15E+000	2.12E+000
U-234	NOT FOUND/DATA	for	53.20 keV	1.91E+002	2.74E+002	4.78E+002
U-235	NOT FOUND/DATA	for	185.71 keV	2.13E-001	9.54E-002	1.86E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.06E+000	1.15E+000	2.12E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.37E-001	5.03E-001	8.32E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0404-45
 Sample Title: Sub Slab Soil Sample Bld.2 Cell 2 Loc 3
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 8.475E+002 g
 Sample Taken On: 4/23/2004 12:00:00 PM
 Acquisition Started: 5/24/2004 3:15:04 PM
 Live Time: 665.6 seconds
 Real Time: 666.6 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.91E+001	3.26E+000	2.24E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-2.93E-002	8.69E-002	1.60E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	3.42E-002	8.23E-002	1.52E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	-3.88E-002	1.06E-001	1.93E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.66E-001	1.80E-001	4.41E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-3.71E-002	8.51E-002	1.42E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-8.26E-002	2.34E-001	4.17E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-4.90E-002	9.07E-002	1.52E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.02E-001	9.38E-002	2.13E-001
TL-208	3.67E-001	3.42E-001	1.68E-001	FOUND		
PB-212	8.87E-001	2.05E-001	4.47E-001	FOUND		
BI-214	6.93E-001	4.90E-001	3.78E-001	FOUND		
PB-214	8.73E-001	1.93E-001	3.27E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	3.11E+000	2.05E+000	4.12E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.02E+000	5.10E-001	1.18E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-3.55E+001	4.01E+001	6.12E+001
PA-231	NOT FOUND/DATA	for	302.65 keV	-5.08E+000	5.11E+000	6.24E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-2.38E-001	3.59E-001	5.56E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.43E+001	1.56E+001	3.63E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.14E+000	1.55E+000	2.94E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-2.47E+002	3.70E+002	5.79E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.57E-001	1.26E-001	2.47E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.14E+000	1.55E+000	2.94E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	4.09E-001	6.56E-001	1.19E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0404-46
 Sample Title: Sub Slab Soil Sample Bld.2 Cell 2 Sump
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.882E+002 g
 Sample Taken On: 4/26/2004 12:00:00 PM
 Acquisition Started: 5/24/2004 3:34:32 PM
 Live Time: 811.0 seconds
 Real Time: 812.2 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.04E+001	8.74E+000	1.34E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-1.70E-002	9.41E-002	1.55E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	3.68E-002	6.46E-002	1.23E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	-2.33E-002	9.07E-002	1.62E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	2.15E-002	1.78E-001	3.48E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	4.62E-002	7.50E-002	1.62E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-4.72E-003	1.96E-001	3.67E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-3.60E-002	6.56E-002	1.07E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-3.40E-002	9.23E-002	1.61E-001
TL-208	1.61E-001	8.55E-002	1.44E-001	FOUND		
PB-212	1.20E+000	5.40E-001	3.39E-001	FOUND		
BI-214	5.86E-001	2.01E-001	2.77E-001	FOUND		
PB-214	8.34E-001	1.76E-001	3.27E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.83E+000	1.76E+000	3.45E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	6.21E-001	3.89E-001	8.98E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	7.28E+000	3.73E+001	6.54E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	3.92E-001	2.75E+000	5.04E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	3.07E-002	2.70E-001	4.95E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	8.25E+000	1.38E+001	2.96E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.94E-001	1.26E+000	2.32E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-2.89E+002	3.34E+002	4.96E+002
U-235	NOT FOUND/DATA	for	185.71 keV	8.12E-002	1.08E-001	2.07E-001
U-238	NOT FOUND/DATA	for	92.60 keV	2.94E-001	1.26E+000	2.32E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	3.27E-001	5.28E-001	9.95E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0404-47
 Sample Title: Sub Slab Soil Sample
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.287E+002 g
 Sample Taken On: 4/26/2004 12:00:00 PM
 Acquisition Started: 5/24/2004 2:50:16 PM
 Live Time: 1398.2 seconds
 Real Time: 1400.0 seconds
 Dead Time: 0.13 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	3.54E+001	9.56E+000	1.97E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	5.71E-002	9.40E-002	1.94E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	7.11E-002	7.57E-002	1.44E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	-4.75E-004	9.24E-002	1.86E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.50E-002	1.90E-001	3.77E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-4.31E-002	9.18E-002	1.57E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	5.10E-002	2.22E-001	4.25E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.08E-001	7.66E-002	1.12E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.19E-001	1.02E-001	2.15E-001
TL-208	3.23E-001	1.06E-001	2.01E-001	FOUND		
PB-212	8.68E-001	1.81E-001	3.35E-001	FOUND		
BI-214	1.14E+000	7.63E-001	3.28E-001	FOUND		
PB-214	1.23E+000	3.14E-001	4.59E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.34E+000	1.99E+000	3.77E+000
AC-228	1.17E+000	3.87E-001	6.89E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-1.96E+001	4.14E+001	6.73E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.95E+000	2.81E+000	5.09E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	2.20E-001	2.70E-001	5.04E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	9.94E+000	1.52E+001	3.22E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	-1.23E-001	1.45E+000	2.51E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.39E+002	3.45E+002	5.61E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.36E-001	1.20E-001	2.29E-001
U-238	NOT FOUND/DATA	for	92.60 keV	-1.23E-001	1.45E+000	2.51E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.71E-002	6.77E-001	1.13E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0404-48
 Sample Title: Sub Slab Soil Sample Bld.2A Cell Loc #2
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 8.008E+002 g
 Sample Taken On: 4/26/2004 12:00:00 PM
 Acquisition Started: 5/24/2004 3:49:54 PM
 Live Time: 880.7 seconds
 Real Time: 881.9 seconds
 Dead Time: 0.13 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.96E+001	3.00E+000	1.84E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-4.08E-003	6.81E-002	1.34E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	3.47E-003	6.50E-002	1.19E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	-2.35E-002	8.24E-002	1.54E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	4.92E-002	1.56E-001	3.33E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	3.44E-002	6.89E-002	1.41E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-1.79E-002	1.67E-001	3.13E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.94E-002	6.17E-002	1.12E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-3.70E-002	8.81E-002	1.56E-001
TL-208	1.83E-001	8.56E-002	1.39E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	3.88E-001	1.66E-001	3.34E-001
BI-214	2.98E-001	1.49E-001	2.29E-001	FOUND		
PB-214	2.78E-001	1.49E-001	3.13E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.23E+000	1.41E+000	2.92E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	4.99E-001	3.84E-001	8.44E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	3.06E+001	2.87E+001	5.49E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	2.66E+000	2.47E+000	4.57E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	1.73E-001	2.31E-001	4.43E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-4.62E+000	1.34E+001	2.31E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.14E+000	1.13E+000	2.21E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-7.97E+001	2.75E+002	4.56E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.62E-001	8.44E-002	1.79E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.14E+000	1.13E+000	2.21E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-2.42E-001	4.96E-001	8.07E-001

Uncertainty reported at 2.0 sigma

 ***** CERTIFICATE OF ANALYSIS *****

Site Location: CE Windsor
 Sample ID: MAC-0404-49
 Sample Title: Bld. 2A Sub Slab Soil Sample Location #1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.733E+002 g
 Sample Taken On: 4/26/2004 12:00:00 PM
 Acquisition Started: 5/25/2004 10:11:15 AM
 Live Time: 1800.0 seconds
 Real Time: 1802.4 seconds
 Dead Time: 0.13 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.25E+001	5.69E+000	1.90E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-3.34E-002	7.23E-002	1.27E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-7.09E-002	6.33E-002	1.04E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	2.94E-002	8.03E-002	1.59E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-6.08E-002	1.48E-001	2.61E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	1.89E-002	6.90E-002	1.34E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-8.23E-002	1.76E-001	3.09E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-3.16E-002	6.83E-002	1.19E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	5.75E-002	7.94E-002	1.59E-001
TL-208	4.68E-001	9.90E-002	1.62E-001	FOUND		
PB-212	1.37E+000	3.44E-001	2.65E-001	FOUND		
BI-214	1.09E+000	4.22E-001	3.14E-001	FOUND		
PB-214	8.23E-001	6.46E-001	3.77E-001	FOUND		
RA-226	1.65E+000	1.11E+000	3.21E+000	FOUND		
AC-228	1.09E+000	2.71E-001	5.42E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	6.41E+000	3.20E+001	5.48E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.19E+000	2.27E+000	4.13E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-1.53E-001	2.70E-001	4.32E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-4.08E+000	1.14E+001	2.05E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.00E+000	1.18E+000	2.19E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.72E+002	2.76E+002	4.32E+002
U-235	1.01E-001	6.74E-002	1.96E-001	FOUND		
U-238	NOT FOUND/DATA	for	92.60 keV	1.00E+000	1.18E+000	2.19E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-2.29E-001	5.21E-001	8.44E-001

Uncertainty reported at 2.0 sigma

 C E R T I F I C A T E O F A N A L Y S I S

Site Location: CE Windsor
 Sample ID: MAC-0404-51
 Sample Title: Sub Slab Soil Sample Bld.2 Cell 1 Sump
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.692E+002 g
 Sample Taken On: 4/27/2004 12:00:00 PM
 Acquisition Started: 5/24/2004 4:33:05 PM
 Live Time: 1807.5 seconds
 Real Time: 1810.3 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.09E+001	4.74E+000	1.14E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-5.32E-004	6.05E-002	1.07E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-3.49E-002	5.14E-002	8.66E-002
CO-60	NOT FOUND/DATA	for	1173.24 keV	4.52E-002	6.54E-002	1.33E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	2.19E-002	1.30E-001	2.50E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	7.42E-003	5.80E-002	1.07E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	1.10E-002	1.36E-001	2.52E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	8.46E-003	4.68E-002	8.79E-002
CS-137	NOT FOUND/DATA	for	661.66 keV	8.26E-002	6.31E-002	1.31E-001
TL-208	3.55E-001	7.51E-002	1.19E-001	FOUND		
PB-212	1.21E+000	2.40E-001	2.85E-001	FOUND		
BI-214	8.45E-001	3.29E-001	2.03E-001	FOUND		
PB-214	7.03E-001	5.05E-001	2.76E-001	FOUND		
RA-226	1.58E+000	4.28E+000	1.99E+000	FOUND		
AC-228	1.22E+000	2.87E-001	3.75E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-2.67E+001	2.48E+001	3.77E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.37E-001	1.67E+000	3.03E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	4.11E-002	1.87E-001	3.36E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	4.26E+000	9.80E+000	1.88E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.94E-001	9.10E-001	1.63E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.08E+001	2.27E+002	3.79E+002
U-235	9.59E-002	2.60E-001	1.21E-001	FOUND		
U-238	NOT FOUND/DATA	for	92.60 keV	2.94E-001	9.10E-001	1.63E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-3.21E-001	4.11E-001	6.50E-001

Uncertainty reported at 2.0 sigma