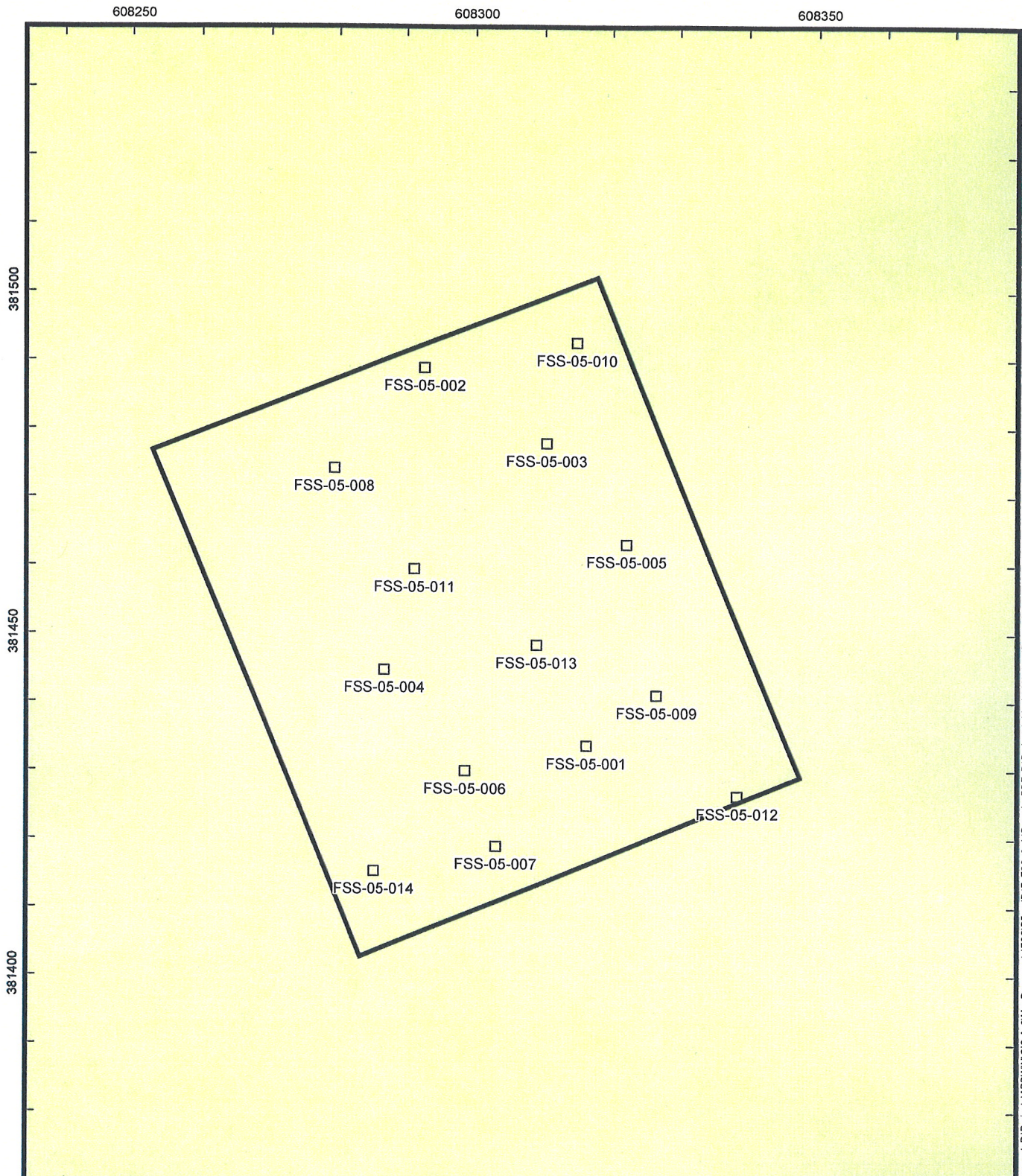
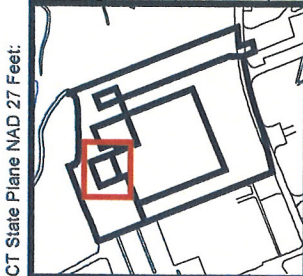


APPENDIX E
SURVEY UNIT CE-FSS-05-05
RESULTS AND DATA EVALUATION



Document: P:\Projects\ABBWIN\GIS-AveMap\Documents\FSS\B5andB17_FSS_8x11P.mxd PDF: P:\Projects\ABBWIN\GIS-AveMap\FSS\B5_Complex\B5_05_Locations.pdf 09/23/2005 2:50 PM brpeters



CT State Plane NAD 27 Feet:

Legend

Soil Sample Location	Forest
Survey Unit	Open
	Water
	Road
	Building

0 10 20 Feet

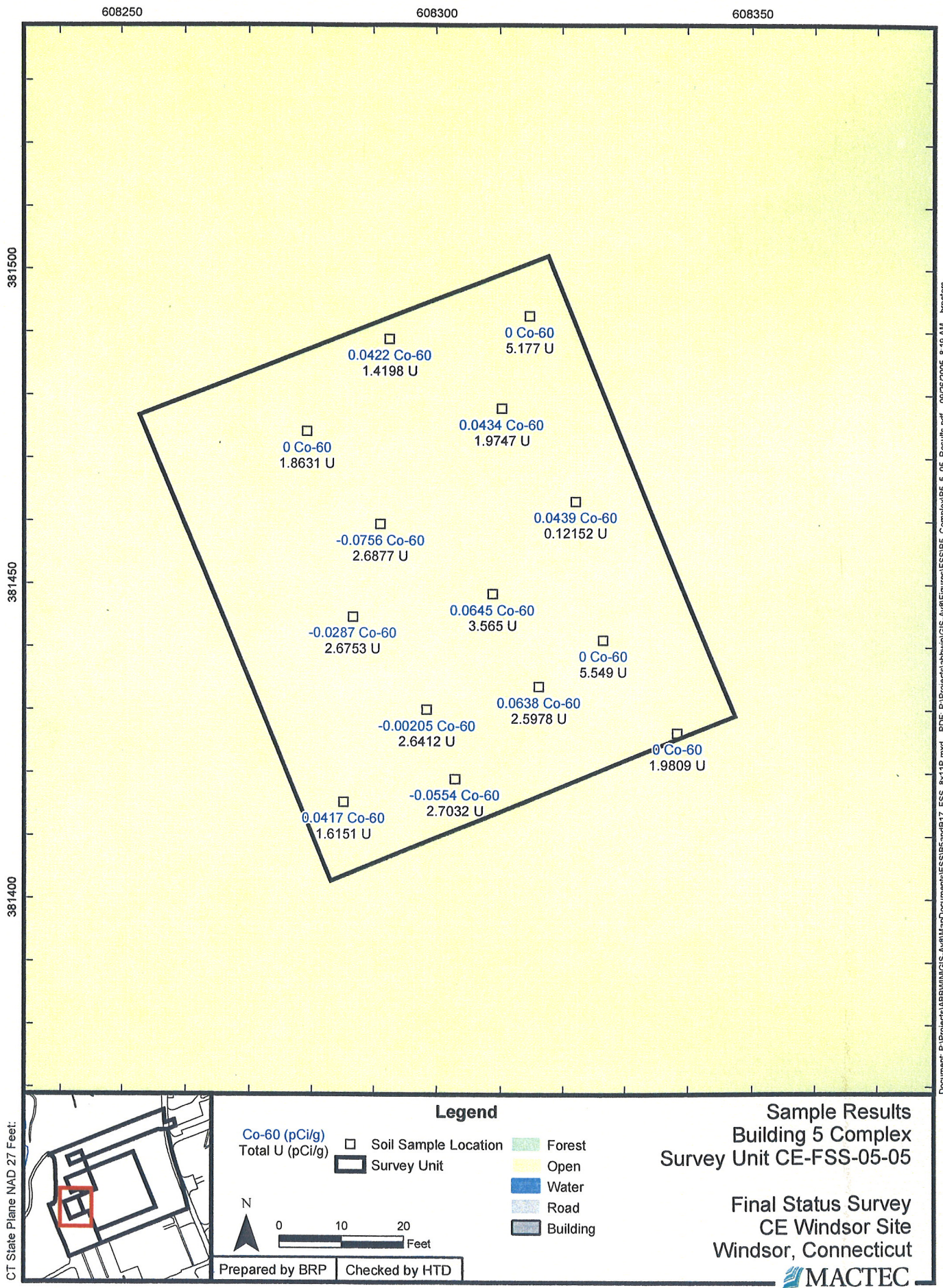


Prepared by BRP | Checked by HTD

Sample Locations
Building 5 Complex
Survey Unit CE-FSS-05-05

Final Status Survey
CE Windsor Site
Windsor, Connecticut

MACTEC



Survey Unit CE-FSS-05-05

Final Status Survey 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		
SS-FSS-05-001	1.57E-01	1.57E-01	4.70E-01	U	3.76E-02	1.89E-01	3.41E-01	U	1.2	0.033
SS-FSS-05-001-D	-2.94E-02	2.09E-01	4.22E-01	U	1.30E-01	1.70E-01	3.31E-01	U	4.0	0.001
SS-FSS-05-001-A	6.38E-02				8.38E-02				2.6	0.017
SS-FSS-05-002	4.22E-02	8.44E-02	3.10E-01	U	4.58E-02	1.65E-01	3.04E-01	U	1.4	0.011
SS-FSS-05-003	4.34E-02	8.69E-02	3.20E-01	U	6.37E-02	1.74E-01	3.13E-01	U	2.0	0.012
SS-FSS-05-004	-2.87E-02	1.33E-01	2.35E-01	U	8.63E-02	1.31E-01	2.45E-01	U	2.7	-0.001
SS-FSS-05-005	4.39E-02	9.02E-02	2.21E-01	U	3.92E-03	1.14E-01	2.12E-01	U	0.1	0.009
SS-FSS-05-006	-2.05E-03	1.02E-01	2.22E-01	U	8.52E-02	1.39E-01	2.68E-01	U	2.6	0.004
SS-FSS-05-007	-5.54E-02	1.09E-01	2.01E-01	U	8.72E-02	1.35E-01	2.63E-01	U	2.7	-0.006
SS-FSS-05-008	0.00E+00	0.00E+00	4.59E-02	U	6.01E-02	1.46E-01	2.76E-01	U	1.9	0.003
SS-FSS-05-009	0.00E+00	0.00E+00	1.24E-01	U	1.79E-01	1.62E-01	3.35E-01	U	5.5	0.010
SS-FSS-05-010	0.00E+00	0.00E+00	1.04E-01	U	1.67E-01	1.57E-01	3.09E-01	U	5.2	0.009
SS-FSS-05-011	-7.56E-02	2.89E-01	4.32E-01	U	8.67E-02	1.76E-01	3.35E-01	U	2.7	-0.010
SS-FSS-05-012	0.00E+00	0.00E+00	1.19E-01	U	6.39E-02	1.45E-01	2.78E-01	U	2.0	0.004
SS-FSS-05-013	6.45E-02	1.02E-01	2.33E-01	U	1.15E-01	1.33E-01	2.55E-01	U	3.6	0.019
SS-FSS-05-014	4.17E-02	8.34E-02	3.07E-01	U	5.21E-02	1.68E-01	3.10E-01	U	1.6	0.011

Survey Unit CE-FSS-05-05

One-Minute Static Field Measurement Results

Sample ID	Static Count Rate (cpm)	Ambient Background (cpm)	Net (cpm)	pCi/g
SS-FSS-05-001	3345	3323	22	0.1
SS-FSS-05-002	3330	3323	7	0.0
SS-FSS-05-003	3068	3323	-255	-0.8
SS-FSS-05-004	3528	3323	205	0.7
SS-FSS-05-005	3523	3323	200	0.7
SS-FSS-05-006	3309	3323	-14	0.0
SS-FSS-05-007	3526	3323	203	0.7
SS-FSS-05-008	3365	3323	42	0.1
SS-FSS-05-009	3092	3323	-231	-0.8
SS-FSS-05-010	3287	3323	-36	-0.1
SS-FSS-05-011	3360	3323	37	0.1
SS-FSS-05-012	3275	3323	-48	-0.2
SS-FSS-05-013	3299	3323	-24	-0.1
SS-FSS-05-014	3792	3323	469	1.6

Survey Unit CE-FSS-05-05

Final Status Survey Sample GPS Coordinates

Sample ID	X Coord	Y Coord
SS-FSS-05-001	608316.180000000000	381433.760000000000
SS-FSS-05-002	608292.530000000000	381488.940000000000
SS-FSS-05-003	608310.270000000000	381477.910000000000
SS-FSS-05-004	608286.610000000000	381444.790000000000
SS-FSS-05-005	608322.100000000000	381463.190000000000
SS-FSS-05-006	608298.440000000000	381430.080000000000
SS-FSS-05-007	608302.880000000000	381419.040000000000
SS-FSS-05-008	608279.220000000000	381474.230000000000
SS-FSS-05-009	608326.530000000000	381441.120000000000
SS-FSS-05-010	608314.700000000000	381492.620000000000
SS-FSS-05-011	608291.050000000000	381459.510000000000
SS-FSS-05-012	608338.360000000000	381426.400000000000
SS-FSS-05-013	608308.790000000000	381448.470000000000
SS-FSS-05-014	608285.130000000000	381415.360000000000

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Summary Section of 05-05 Co-60

Count	Mean	Standard Deviation	Standard Error	Minimum	Maximum	Range
14	9.839286E-03	4.280388E-02	1.143982E-02	-0.0756	0.0645	0.1401

Counts Section of 05-05 Co-60

Rows	Sum of Frequencies	Sum of Values	Distinct Values	Sum	Total Sum Squares	Adjusted Sum Squares
20	14	6	11	0.13775	0.0251736	2.381824E-02

Means Section of 05-05 Co-60

Parameter	Mean	Median	Geometric Mean	Harmonic Mean	Sum	Mode
Value	9.839286E-03	0	4.897381E-02	-2.329643E-02	0.13775	0
Std Error	1.143982E-02				0.1601575	
95% LCL	-1.487494E-02	-0.0287	3.929034E-02	1.430413E-02	-0.2082492	
95% UCL	3.455351E-02	0.0434	6.104385E-02	-6.420137E-03	0.4837492	
T-Value	0.8601					
Prob Level	0.405322					
Count	14		6	10		4

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 05-05 Co-60

Parameter	Variance	Standard Deviation	Unbiased Std Dev	Std Error of Mean	Interquartile Range	Range
Value	1.832172E-03	4.280388E-02	4.363418E-02	1.143982E-02	0.0522375	0.1401
Std Error	5.71986E-04	9.44903E-03		2.52536E-03		
95% LCL	9.629132E-04	3.103084E-02		8.293342E-03		
95% UCL	4.755326E-03	6.895887E-02		1.843003E-02		

Skewness and Kurtosis Section of 05-05 Co-60

Parameter	Skewness	Kurtosis	Fisher's g1	Fisher's g2	Coefficient of Variation	Coefficient % UCL
Value	-0.5090615	2.364477	-0.5723013	-0.3479319	4.350304	0
Std Error	0.3562662	0.6535354			5.205906	

Trimmed Section of 05-05 Co-60

Parameter	5% Trimmed	10% Trimmed	15% Trimmed	25% Trimmed	35% Trimmed	45% Trimmed
Trim-Mean	1.154921E-02	1.299018E-02	1.417653E-02	1.493929E-02	1.093333E-02	0
Trim-Std Dev	3.780626E-02	3.216412E-02	2.592331E-02	0.0219899	2.102763E-02	0
Count	12.6	11.2	9.8	7	4.2	1.4

Mean-Deviation Section of 05-05 Co-60

Parameter	X-Mean	X-Median	(X-Mean)^2	(X-Mean)^3	(X-Mean)^4
Average	3.435204E-02	3.294643E-02	1.701303E-03	-3.572257E-05	6.843817E-06
Std Error	6.865532E-03		5.311299E-04	2.770784E-05	3.04065E-06

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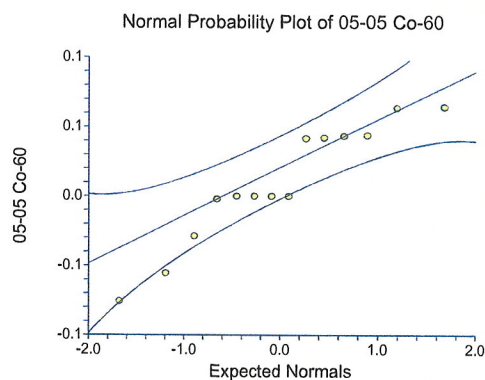
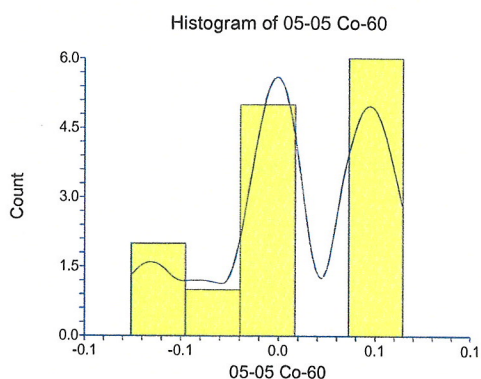
Quartile Section of 05-05 Co-60

Parameter	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Value	-0.0655	-0.0087125	0	0.043525	0.06415
95% LCL		-0.0756	-0.0287	0	
95% UCL		0	0.0434	0.0645	

Normality Test Section of 05-05 Co-60

Test Name	Test Value	Prob Level	10% Critical Value	5% Critical Value	Decision (5%)
Shapiro-Wilk W	0.9126086	0.171940			Can't reject normality
Anderson-Darling	0.5564119	0.151007			Can't reject normality
Martinez-Iglewicz	1.021349		1.305415	1.57245	Can't reject normality
Kolmogorov-Smirnov	0.1623318		0.208	0.226	Can't reject normality
D'Agostino Skewness	-0.9937	0.320348	1.645	1.960	Can't reject normality
D'Agostino Kurtosis	-0.1280	0.898154	1.645	1.960	Can't reject normality
D'Agostino Omnibus	1.0039	0.605346	4.605	5.991	Can't reject normality

Plots Section of 05-05 Co-60



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Percentile Section of 05-05 Co-60

Percentile	Value	95% LCL	95% UCL	Exact Conf. Level
99.0	0.0645			
95.0	0.0645			
90.0	0.06415			
85.0	0.058825			
80.0	0.0439	0	0.0645	95.3622
75.0	0.043525	0	0.0645	97.1873
70.0	0.0428	0	0.0645	96.1749
65.0	0.042075	0	0.0638	95.5137
60.0	0.0417	0	0.0638	97.4393
55.0	0.010425	-0.00205	0.0439	97.1563
50.0	0	-0.0287	0.0434	96.4844
45.0	0	-0.0287	0.0434	97.1563
40.0	0	-0.0554	0.0422	97.4393
35.0	0	-0.0554	0.0417	95.5137
30.0	-0.001025	-0.0756	0	96.1749
25.0	-0.0087125	-0.0756	0	97.1873
20.0	-0.0287	-0.0756	0	95.3622
15.0	-0.048725			
10.0	-0.0655			
5.0	-0.0756			
1.0	-0.0756			

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

Stem-Leaf Plot Section of 05-05 Co-60

Depth	Stem	Leaves
Low		-7
2	F	5
3	T	2
6	-0*	000
(2)	0*	00
6	T	
6	F	4444
2	S	66

Unit = .01 Example: 1 |2 Represents 0.12

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Summary Section of 05-05 Total U

Count	Mean	Standard Deviation	Standard Error	Minimum	Maximum	Range
14	2.614286	1.416853	0.3786699	0.1	5.5	5.4

Counts Section of 05-05 Total U

Rows	Sum of Frequencies	Sum of Values	Distinct Values	Sum	Total Sum Squares	Adjusted Sum Squares
20	14	6	10	36.6	121.78	26.09714

Means Section of 05-05 Total U

Parameter	Mean	Median	Geometric Mean	Harmonic Mean	Sum	Mode
Value	2.614286	2.6	2.051084	0.909218	36.6	2.7
Std Error	0.3786699				5.301379	
95% LCL	1.796219	1.6	1.182307	0.3873844	25.14707	
95% UCL	3.432352	2.7	3.558251	-2.619703	48.05293	
T-Value	6.9039					
Prob Level	0.000011					
Count	14		14	14		3

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 05-05 Total U

Parameter	Variance	Standard Deviation	Unbiased Std Dev	Std Error of Mean	Interquartile Range	Range
Value	2.007473	1.416853	1.444337	0.3786699	1.1	5.4
Std Error	0.8070835	0.40279		0.1076502		
95% LCL	1.055044	1.027153		0.2745182		
95% UCL	5.21031	2.28261		0.6100533		

Skewness and Kurtosis Section of 05-05 Total U

Parameter	Skewness	Kurtosis	Fisher's g1	Fisher's g2	Coefficient of Variation	Coefficient % UCL
Value	0.6376932	3.262902	0.7169126	0.9792874	0.5419657	0.3681319
Std Error	0.4112349	1.369033			0.1029771	

Trimmed Section of 05-05 Total U

Parameter	5% Trimmed	10% Trimmed	15% Trimmed	25% Trimmed	35% Trimmed	45% Trimmed
Trim-Mean	2.593651	2.532143	2.436735	2.414286	2.469048	2.6
Trim-Std Dev	1.168461	0.8915963	0.5619341	0.3532165	0.323543	1.501713E-08
Count	12.6	11.2	9.8	7	4.2	1.4

Mean-Deviation Section of 05-05 Total U

Parameter	X-Mean	X-Median	(X-Mean)^2	(X-Mean)^3	(X-Mean)^4
Average	0.9591837	0.9571428	1.864082	1.622965	11.33793
Std Error	0.2272563		0.7494347	0.8401615	5.029242

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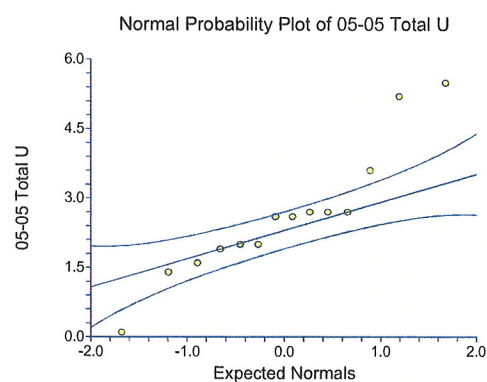
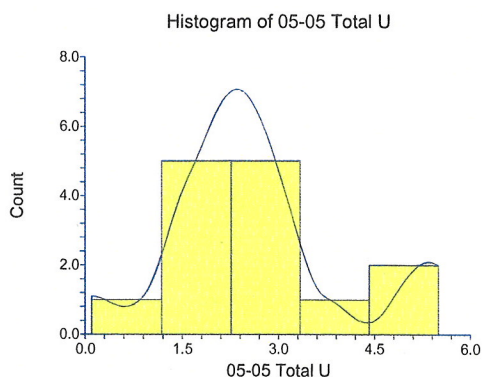
Quartile Section of 05-05 Total U

Parameter	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Value	0.75	1.825	2.6	2.925	5.35
95% LCL		0.1	1.6	2.6	
95% UCL		2.6	2.7	5.5	

Normality Test Section of 05-05 Total U

Test Name	Test Value	Prob Level	10% Critical Value	5% Critical Value	Decision (5%)
Shapiro-Wilk W	0.9088138	0.151456			Can't reject normality
Anderson-Darling	0.6674287	0.081401			Can't reject normality
Martinez-Iglewicz	1.173314		1.305415	1.57245	Can't reject normality
Kolmogorov-Smirnov	0.2615945		0.208	0.226	Reject normality
D'Agostino Skewness	1.2333	0.217481	1.645	1.960	Can't reject normality
D'Agostino Kurtosis	0.9901	0.322132	1.645	1.960	Can't reject normality
D'Agostino Omnibus	2.5012	0.286335	4.605	5.991	Can't reject normality

Plots Section of 05-05 Total U



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Percentile Section of 05-05 Total U

Percentile	Value	95% LCL	95% UCL	Exact Conf. Level
99.0	5.5			
95.0	5.5			
90.0	5.35			
85.0	4.8			
80.0	3.6	2.6	5.5	95.3622
75.0	2.925	2.6	5.5	97.1873
70.0	2.7	2.6	5.5	96.1749
65.0	2.7	2	5.2	95.5137
60.0	2.7	2	5.2	97.4393
55.0	2.625	1.9	3.6	97.1563
50.0	2.6	1.6	2.7	96.4844
45.0	2.45	1.6	2.7	97.1563
40.0	2	1.4	2.7	97.4393
35.0	2	1.4	2.7	95.5137
30.0	1.95	0.1	2.6	96.1749
25.0	1.825	0.1	2.6	97.1873
20.0	1.6	0.1	2.6	95.3622
15.0	1.45			
10.0	0.75			
5.0	0.1			
1.0	0.1			

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

Stem-Leaf Plot Section of 05-05 Total U

Depth	Stem	Leaves
Low		1
2	1*	4
4	.	69
6	2*	00
(5)	.	66777
3	3*	
3	.	6
High		52, 55

Unit = .1 Example: 1 | 2 Represents 1.2

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Summary Section of 05-05 SOF

Count	Mean	Standard Deviation	Standard Error	Minimum	Maximum	Range
14	6.571428E-03	8.187367E-03	2.188166E-03	-0.01	0.019	0.029

Counts Section of 05-05 SOF

Rows	Sum of Frequencies	Sum of Values	Distinct Values	Sum	Total Sum Squares	Adjusted Sum Squares
20	14	6	11	0.092	0.001476	8.714286E-04

Means Section of 05-05 SOF

Parameter	Mean	Median	Geometric Mean	Harmonic Mean	Sum	Mode
Value	6.571428E-03	0.009	8.566604E-03	5.273159E-02	0.092	
Std Error	2.188166E-03				3.063432E-02	
95% LCL	1.844184E-03	-0.001	5.714266E-03	4.90512E-03	2.581858E-02	
95% UCL	1.129867E-02	0.011	1.284272E-02	-6.02625E-03	0.1581814	
T-Value	3.0032					
Prob Level	0.010177					
Count	14		11	14		

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 05-05 SOF

Parameter	Variance	Standard Deviation	Unbiased Std Dev	Std Error of Mean	Interquartile Range	Range
Value	6.703297E-05	8.187367E-03	8.346182E-03	2.188166E-03	0.00925	0.029
Std Error	2.271736E-05	1.961998E-03		5.24366E-04		
95% LCL	3.522972E-05	5.935464E-03		1.586319E-03		
95% UCL	1.739812E-04	1.319019E-02		3.525228E-03		

Skewness and Kurtosis Section of 05-05 SOF

Parameter	Skewness	Kurtosis	Fisher's g1	Fisher's g2	Coefficient of Variation	Coefficient % UCL
Value	-0.5228217	2.607928	-0.5877708	0.0117121	1.245904	0.6825397
Std Error	0.3721277	0.8357124			0.5234354	

Trimmed Section of 05-05 SOF

Parameter	5% Trimmed	10% Trimmed	15% Trimmed	25% Trimmed	35% Trimmed	45% Trimmed
Trim-Mean	6.801588E-03	7.017857E-03	7.234694E-03	7.714286E-03	7.97619E-03	0.009
Trim-Std Dev	7.012329E-03	5.717161E-03	4.297994E-03	3.251373E-03	2.766859E-03	1.313582E-10
Count	12.6	11.2	9.8	7	4.2	1.4

Mean-Deviation Section of 05-05 SOF

Parameter	X-Mean	X-Median	(X-Mean)^2	(X-Mean)^3	(X-Mean)^4
Average	6.489796E-03	6.142857E-03	6.22449E-05	-2.567493E-07	1.010423E-08
Std Error	1.313213E-03		2.109469E-05	1.820414E-07	4.594605E-09

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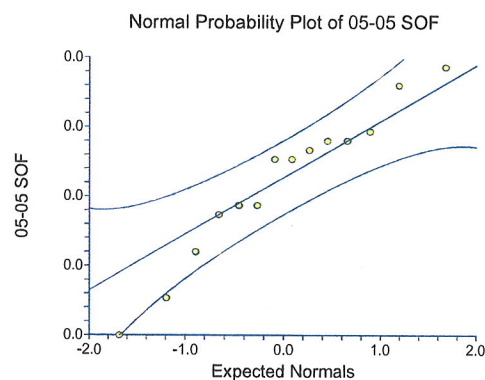
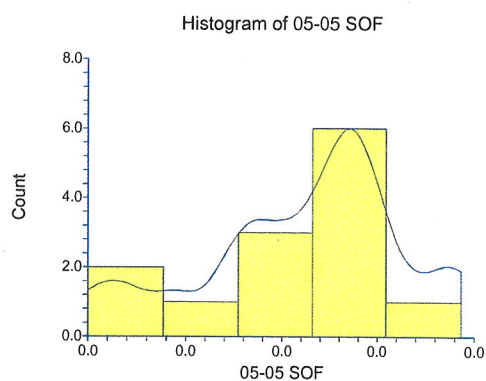
Quartile Section of 05-05 SOF

Parameter	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Value	-0.008	0.002	0.009	0.01125	0.018
95% LCL		-0.01	-0.001	0.009	
95% UCL		0.009	0.011	0.019	

Normality Test Section of 05-05 SOF

Test Name	Test Value	Prob Level	10% Critical Value	5% Critical Value	Decision (5%)
Shapiro-Wilk W	0.952031	0.592660			Can't reject normality
Anderson-Darling	0.3423741	0.492095			Can't reject normality
Martinez-Iglewicz	1.097618		1.305415	1.57245	Can't reject normality
Kolmogorov-Smirnov	0.1166233		0.208	0.226	Can't reject normality
D'Agostino Skewness	-1.0197	0.307885	1.645	1.960	Can't reject normality
D'Agostino Kurtosis	0.2341	0.814936	1.645	1.960	Can't reject normality
D'Agostino Omnibus	1.0945	0.578535	4.605	5.991	Can't reject normality

Plots Section of 05-05 SOF



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Percentile Section of 05-05 SOF

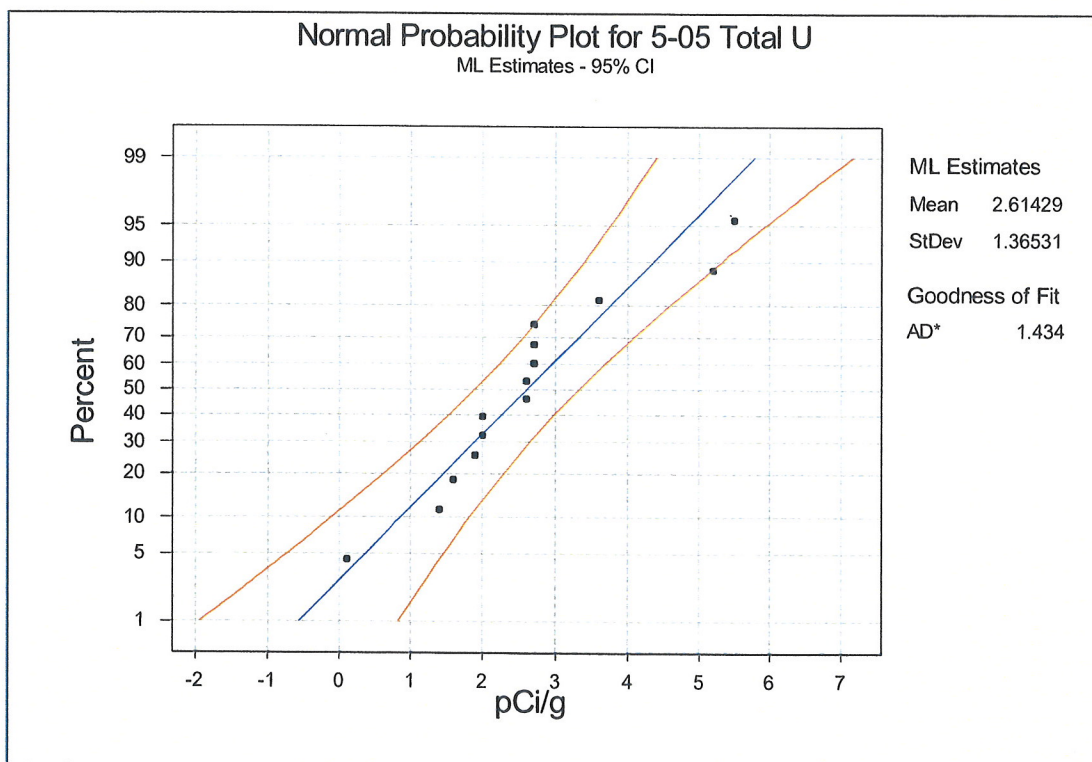
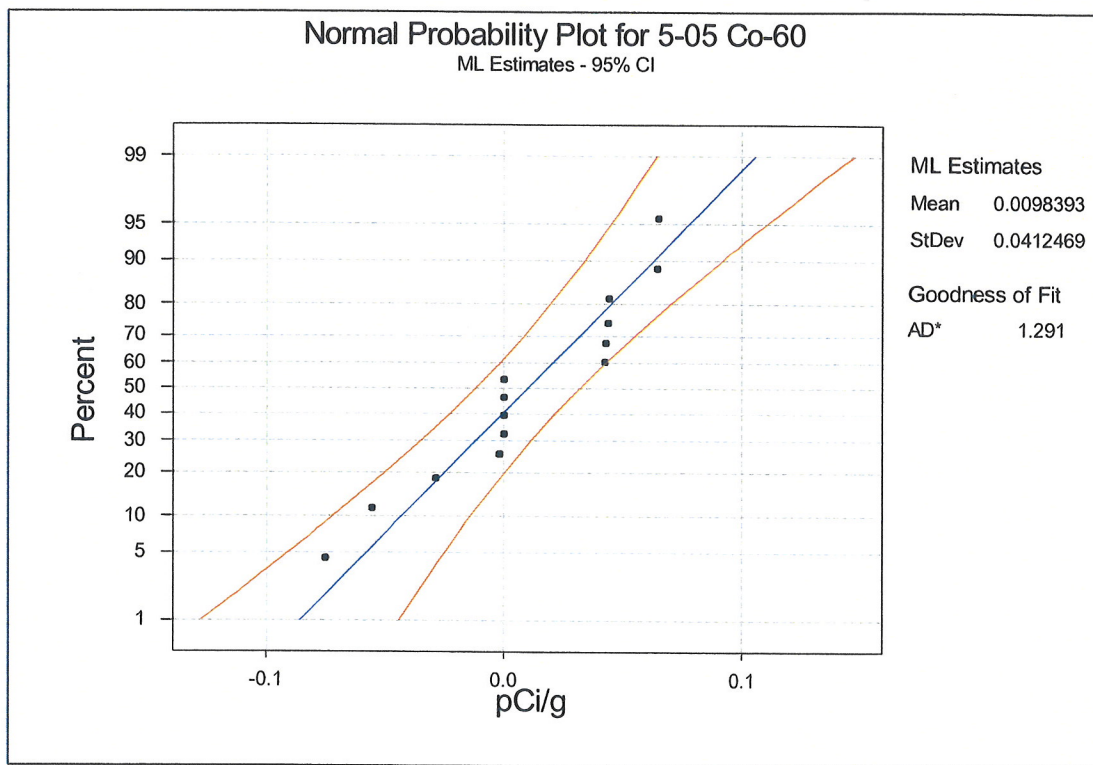
Percentile	Value	95% LCL	95% UCL	Exact Conf. Level
99.0	0.019			
95.0	0.019			
90.0	0.018			
85.0	0.01575			
80.0	0.012	0.009	0.019	95.3622
75.0	0.01125	0.009	0.019	97.1873
70.0	0.011	0.009	0.019	96.1749
65.0	0.01075	0.004	0.017	95.5137
60.0	0.01	0.004	0.017	97.4393
55.0	0.00925	0.003	0.012	97.1563
50.0	0.009	-0.001	0.011	96.4844
45.0	0.00775	-0.001	0.011	97.1563
40.0	0.004	-0.006	0.011	97.4393
35.0	0.004	-0.006	0.01	95.5137
30.0	0.0035	-0.01	0.009	96.1749
25.0	0.002	-0.01	0.009	97.1873
20.0	-0.001	-0.01	0.009	95.3622
15.0	-0.00475			
10.0	-0.008			
5.0	-0.01			
1.0	-0.01			

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

Stem-Leaf Plot Section of 05-05 SOF

Depth	Stem	Leaves
Low		-10
2	.	6
3	-0*	1
6	0*	344
(2)	.	99
6	1*	0112
2	.	79

Unit = .001 Example: 1 |2 Represents 0.012



Descriptive Statistics

Variable: 5-05 SOf

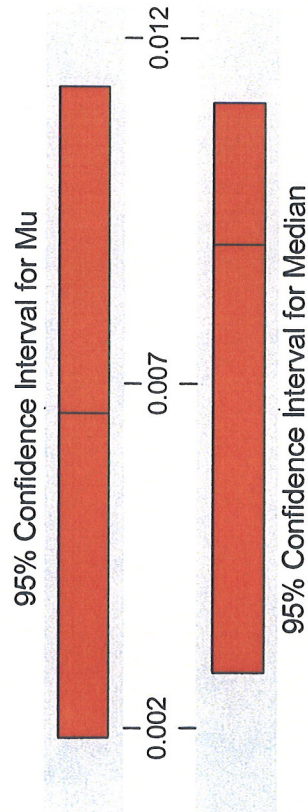
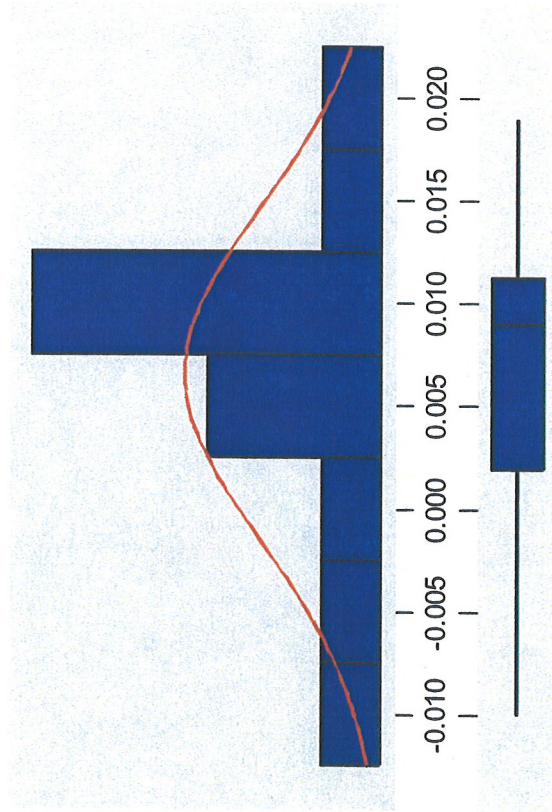
Anderson-Darling Normality Test

A-Squared: 0.338
P-Value: 0.447

Mean 6.57E-03
StDev 8.19E-03
Variance 6.70E-05
Skewness -5.9E-01
Kurtosis 1.17E-02
N 14

Minimum -1.0E-02
1st Quartile 2.00E-03
Median 9.00E-03
3rd Quartile 1.13E-02
Maximum 1.90E-02

95% Confidence Interval for Mu
1.84E-03 1.13E-02
95% Confidence Interval for Sigma
5.94E-03 1.32E-02
95% Confidence Interval for Median
2.79E-03 1.11E-02



One-Sample T-Test Report

Page 1
Variable 05-05 SOf

Descriptive Statistics Section

Variable	Count	Mean	Standard Deviation	Standard Error	95% LCL of Mean	95% UCL of Mean
05-05 SOf	14	6.571428E-03	8.187367E-03	2.188166E-03	1.844184E-03	1.129867E-02
T for Confidence Limits = 2.1604						

Tests of Assumptions Section

Assumption	Value	Probability	Decision(5%)
Skewness Normality	-1.0197	0.307885	Cannot reject normality
Kurtosis Normality	0.2341	0.814936	Cannot reject normality
Omnibus Normality	1.0945	0.578535	Cannot reject 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)
05-05 SOf<>1	-454.0006	0.000000	Reject Ho	1.000000	1.000000
05-05 SOf<1	-454.0006	0.000000	Reject Ho	1.000000	1.000000
05-05 SOf>1	-454.0006	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	14	0	1.000000	0.000061	0.000122

Wilcoxon Signed-Rank Test for Difference in Medians

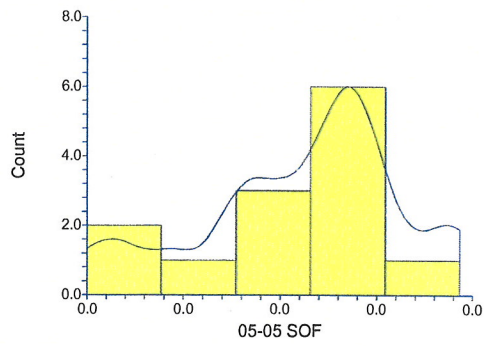
W Sum Ranks	Mean of W	Std Dev of W	Number of Zeros	Number Sets of Ties	Multiplicity Factor
0	52.5	15.91776	0	3	18

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			3.2982	0.000973	Reject Ho	3.2668	0.001088	Reject Ho
Median<1			-3.2982	0.000487	Reject Ho	-3.2668	0.000544	Reject Ho
Median>1			-3.2982	0.999513	Accept Ho	-3.3296	0.999565	Accept Ho

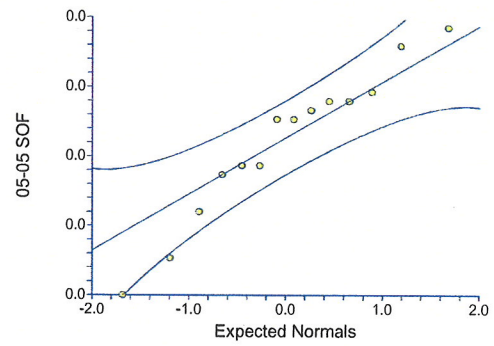
One-Sample T-Test Report

Plots Section

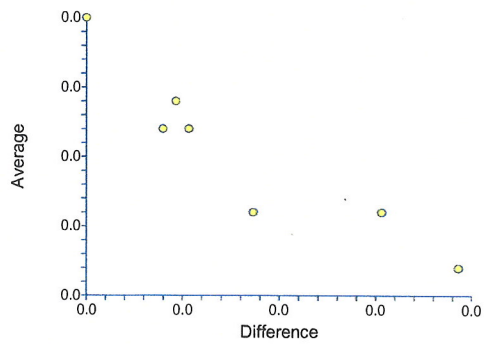
Histogram of 05-05 SOF



Normal Probability Plot of 05-05 SOF



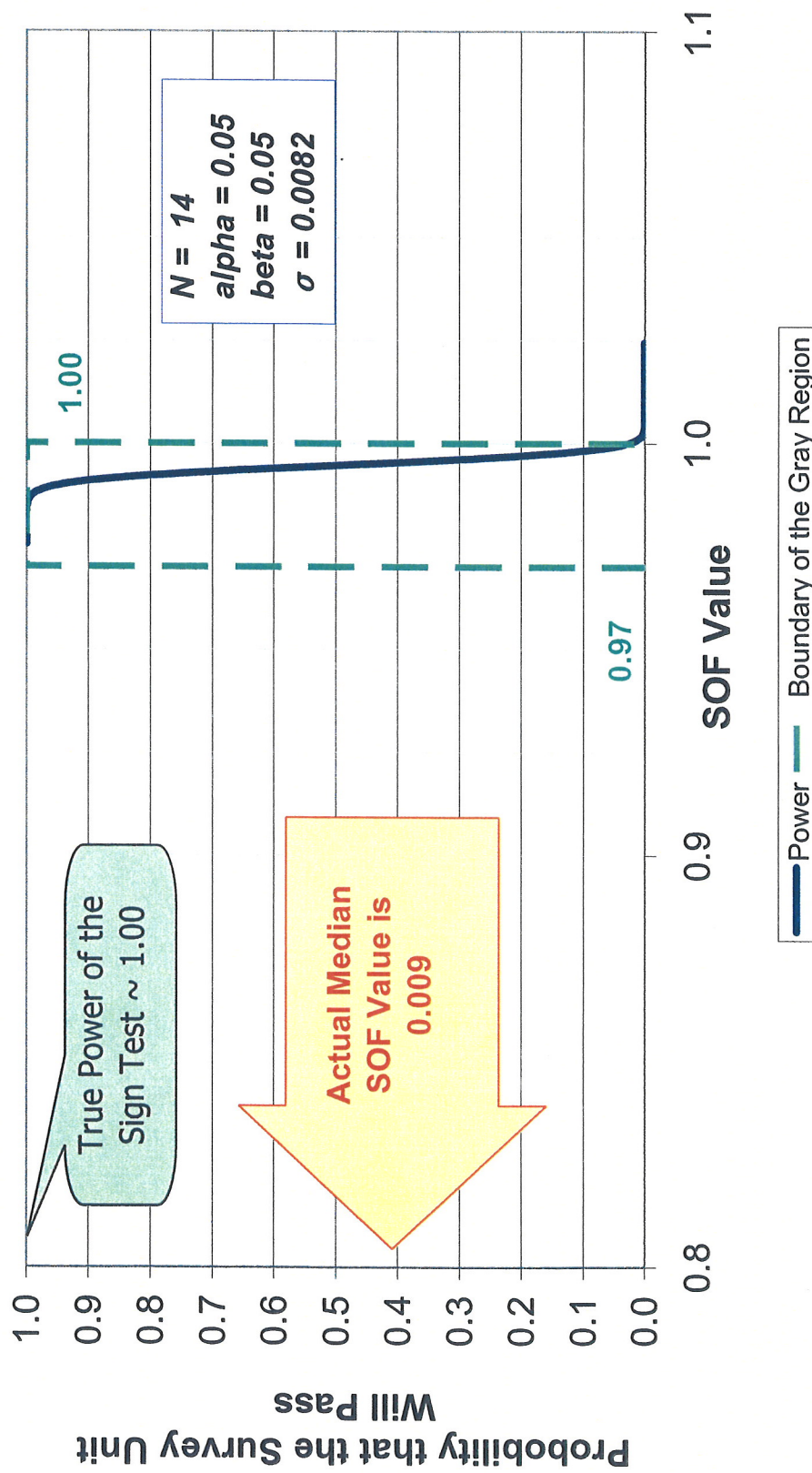
Average-Difference Plot



Retrospective Power of the Sign Test

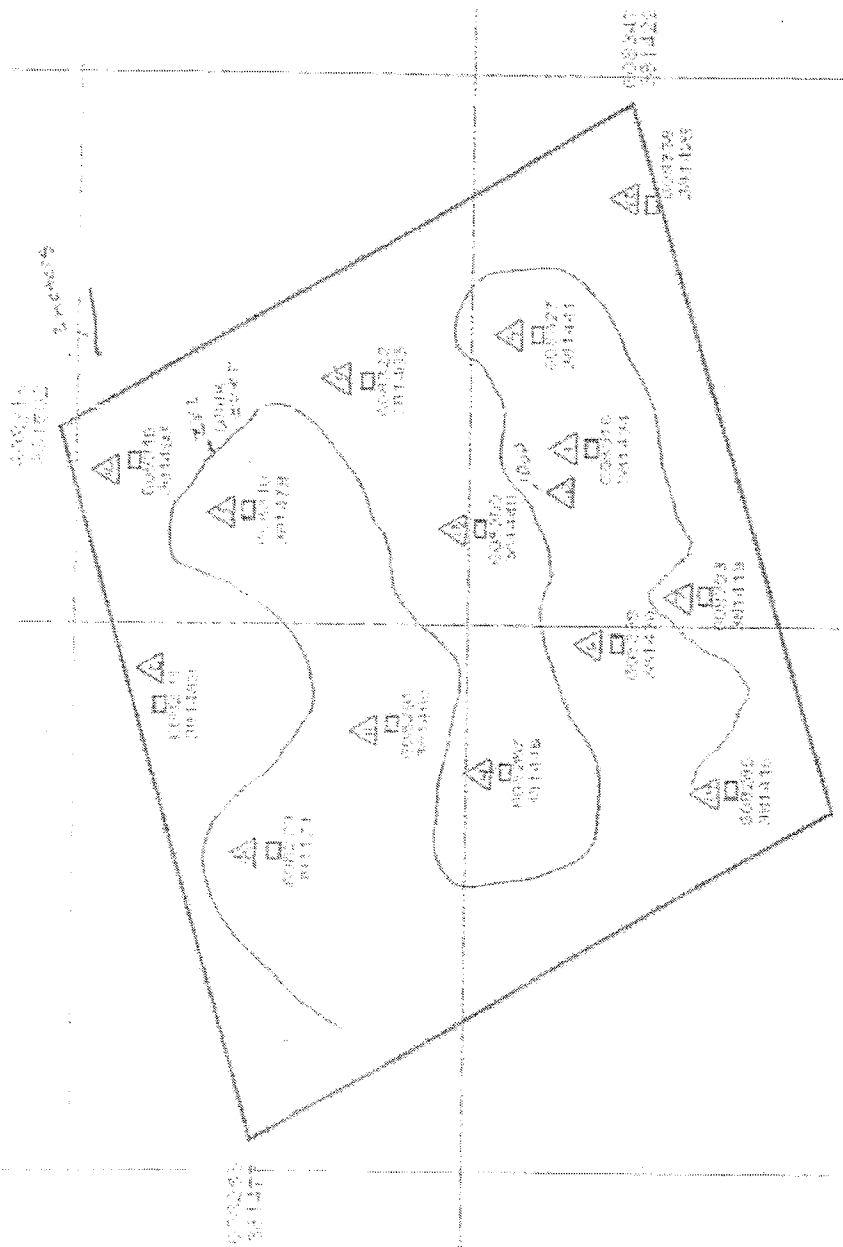
Surface Soil Volumetric Measurements SOF Values

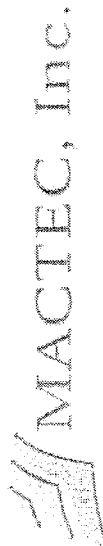
Survey Unit CE-FSS-05-05



Survey Unit No: 02-FSS-05-05	Surveyor Team (or) names: <i>Mr & Mrs. M. Raju</i>	Page <i>1</i> of <i>1</i>
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Survey Unit No; OE-FSS-06-05	Location	Static Count
59-56-05-eol-ed	-001-00	3345
	-002-00	3330
	-003-00	3068
	-004-00	6528
	-005-00	3325
	-006-00	3709
	-007-00	3525
	-008-00	3165
	-009-00	3093
	-010-00	3297
	-011-00	3360
	-012-00	3275
	-013-00	3299
	-014-00	3772
N A		
Comments 10% Walker		

[illegible]



Project Info		Laboratory Info		INVOICE (if other than MACTEC contact)					
MACTEC Contact	Project No.	Laboratory Name	Phone	Company Name	Phone				
Project Title	Purchase Order No.	Lab Contact	Fax	Company Contact	Fax				
Address		Address		Address					
City/State/Zip		City/State/Zip		City/State/Zip					
Special Handling Instructions									
Analysis									
Sample ID No.	Date Collected	Time	Type	Media	Volume	Description if necessary			
SS-FSS-05-001-00	5/10/2005	1440	Rad	Soil	1 Pint				
SS-FSS-05-001-00-Dup	5/10/2005	1442	Rad	Soil	1 Pint				
SS-FSS-05-002-00	5/10/2005	1525	Rad	Soil	1 Pint				
SS-FSS-05-003-00	5/10/2005	1522	Rad	Soil	1 Pint				
SS-FSS-05-004-00	5/10/2005	1510	Rad	Soil	1 Pint				
SS-FSS-05-005-00	5/10/2005	1550	Rad	Soil	1 Pint				
SS-FSS-05-006-00	5/10/2005	1505	Rad	Soil	1 Pint				
SS-FSS-05-007-00	5/10/2005	1450	Rad	Soil	1 Pint				
SS-FSS-05-008-00	5/10/2005	1518	Rad	Soil	1 Pint				
SS-FSS-05-009-00	5/10/2005	1445	Rad	Soil	1 Pint				
SS-FSS-05-010-00	5/10/2005	1530	Rad	Soil	1 Pint				
SS-FSS-05-011-00	5/10/2005	1515	Rad	Soil	1 Pint				
SS-FSS-05-012-00	5/10/2005	1447	Rad	Soil	1 Pint				
SS-FSS-05-013-00	5/10/2005	1553	Rad	Soil	1 Pint				
SS-FSS-05-014-00	5/10/2005	1508	Rad	Soil	1 Pint				
Relinquished By:	M. W. A. Plonsky		Received By:			Type			
Signed/Date/Time	M. W. A. Plonsky 5/10/05 1600		Signed/Date/Time			RS-Radiative			
Received By:	STEVEN KAPLAN		Relinquished By:			Chem-Chemical			
Signed/Date/Time	Steven Kaplan 5/10/05 1600		Signed/Date/Time			Mix-Rad+Chemical			
Relinquished By:			Received By:			Chem-Chemical			
Signed/Date/Time			Signed/Date/Time			Mix-Rad+Chemical			

 ***** 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: SS-FSS-05-001-00
 Sample Title: SS-FSS-05-001-00
 Detector Name: 11%
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.496E+002 grams
 Sample Taken On: 5/10/2005 2:40:00 PM
 Acquisition Started: 5/14/2005 3:00:15 PM
 Live Time: 600.0 seconds
 Real Time: 600.7 seconds
 Dead Time: 0.12 %
 Efficiency ID: pint

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/gram)	Activity Uncert. (pCi/gram)	Nuclide MDA (pCi/gram)	Line Activity (pCi/gram)	Line Act Uncert. (pCi/gram)	Line MDA (pCi/gram)
K-40	1.65E+001	5.83E+000	4.84E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-1.09E-001	2.03E-001	3.46E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-2.03E-002	8.12E-002	1.46E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	1.57E-001	1.57E-001	4.70E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.86E-001	4.01E-001	5.48E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-8.37E-002	1.76E-001	3.18E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	2.07E-001	3.80E-001	7.91E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	2.76E-002	1.65E-001	3.40E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.37E-001	2.02E-001	4.46E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.00E-001	2.10E-001	4.78E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	1.15E+000	3.84E-001	8.36E-001
BI-214	NOT FOUND/DATA	for	609.31 keV	3.95E-001	4.12E-001	9.42E-001
PB-214	NOT FOUND/DATA	for	351.92 keV	4.09E-001	3.62E-001	8.01E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	-8.06E-001	3.11E+000	5.28E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.05E+000	7.03E-001	1.94E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	5.11E+000	7.64E+001	1.44E+002
PA-231	NOT FOUND/DATA	for	302.65 keV	-8.66E+000	8.51E+000	1.01E+001
PA-234	NOT FOUND/DATA	for	131.20 keV	2.39E-002	3.84E-001	7.11E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-8.60E+000	2.91E+001	5.33E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.40E+000	1.73E+000	3.83E+000
U-234	NOT FOUND/DATA	for	53.20 keV	8.09E+002	1.06E+003	2.11E+003
U-235	NOT FOUND/DATA	for	185.71 keV	3.76E-002	1.89E-001	3.41E-001
U-238	NOT FOUND/DATA	for	92.60 keV	2.40E+000	1.73E+000	3.83E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-4.02E-001	1.61E+000	2.84E+000

Uncertainty reported at 2.0 sigma

Uncertainty reported at 2.0 sigma

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

Site Location: CE Windsor
 Sample ID: SS-FSS-05-002-00
 Sample Title: SS-FSS-05-002-00
 Detector Name: 11%
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.794E+002 grams
 Sample Taken On: 5/10/2005 3:25:00 PM
 Acquisition Started: 5/14/2005 3:56:37 PM
 Live Time: 600.0 seconds
 Real Time: 600.7 seconds
 Dead Time: 0.11 %
 Efficiency ID: pint

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/gram)	Activity Uncert. (pCi/gram)	Nuclide MDA (pCi/gram)	Line Activity (pCi/gram)	Line Act Uncert. (pCi/gram)	Line MDA (pCi/gram)
K-40	1.42E+001	5.39E+000	5.26E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-3.96E-003	1.43E-001	2.57E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	1.37E-002	9.00E-002	1.67E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	4.22E-002	8.44E-002	3.10E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.07E-001	3.63E-001	6.65E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	1.20E-001	1.22E-001	3.29E-001
SB-125	NOT FOUND/DATA	for	600.56 keV	-3.05E-001	5.00E-001	8.27E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-4.71E-002	1.05E-001	1.91E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-4.41E-002	1.20E-001	2.39E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.96E-001	1.79E-001	4.60E-001
PB-212	6.19E-001	7.61E-001	3.84E-001	FOUND		
BI-214	NOT FOUND/DATA	for	609.31 keV	5.71E-001	4.51E-001	1.04E+000
PB-214	NOT FOUND/DATA	for	351.92 keV	4.02E-001	3.80E-001	8.02E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	1.75E+000	2.61E+000	5.08E+000
AC-228	NOT FOUND/DATA	for	338.32 keV	1.29E+000	8.95E-001	2.14E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	4.94E+001	6.90E+001	1.36E+002
PA-231	NOT FOUND/DATA	for	300.02 keV	1.83E+000	3.04E+000	6.77E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	2.75E-001	3.78E-001	7.62E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	5.17E+000	3.05E+001	6.62E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.08E+000	1.79E+000	3.62E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-5.14E+001	9.24E+002	1.71E+003
U-235	NOT FOUND/DATA	for	185.71 keV	4.58E-002	1.65E-001	3.04E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.08E+000	1.79E+000	3.62E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	1.37E-001	1.49E+000	2.78E+000

Uncertainty reported at 2.0 sigma

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

Site Location: CE Windsor
 Sample ID: SS-FSS-05-003-00
 Sample Title: SS-FSS-05-003-00
 Detector Name: 11%
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.569E+002 grams
 Sample Taken On: 5/10/2005 3:22:00 PM
 Acquisition Started: 5/14/2005 3:23:03 PM
 Live Time: 600.0 seconds
 Real Time: 600.5 seconds
 Dead Time: 0.08 %
 Efficiency ID: pint

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/gram)	Activity Uncert. (pCi/gram)	Nuclide MDA (pCi/gram)	Line Activity (pCi/gram)	Line Act Uncert. (pCi/gram)	Line MDA (pCi/gram)
K-40	1.97E+001	2.72E+001	3.55E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	7.91E-002	1.66E-001	3.74E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	5.04E-002	9.41E-002	1.88E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	4.34E-002	8.69E-002	3.20E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.57E-001	3.27E-001	5.42E-001
AG-110m	NOT FOUND/DATA	for	1384.30 keV	0.00E+000	0.00E+000	5.05E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-2.14E-001	3.92E-001	5.31E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	1.07E-001	1.42E-001	3.37E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	2.27E-002	1.06E-001	1.95E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.04E-001	1.96E-001	4.59E-001
PB-212	6.56E-001	4.73E-001	4.86E-001	FOUND		
BI-214	NOT FOUND/DATA	for	609.31 keV	4.89E-001	3.87E-001	9.33E-001
PB-214	NOT FOUND/DATA	for	351.92 keV	2.94E-001	3.29E-001	7.23E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	1.88E+000	2.72E+000	5.23E+000
AC-228	NOT FOUND/DATA	for	338.32 keV	6.55E-001	8.90E-001	1.96E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	2.83E+001	5.65E+001	1.17E+002
PA-231	NOT FOUND/DATA	for	302.65 keV	-2.67E+000	5.21E+000	8.92E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-1.61E-001	3.56E-001	6.19E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-8.52E+000	2.20E+001	4.18E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	-6.64E-002	1.91E+000	3.47E+000
U-234	NOT FOUND/DATA	for	53.20 keV	1.91E+002	8.73E+002	1.66E+003
U-235	NOT FOUND/DATA	for	185.71 keV	6.37E-002	1.74E-001	3.13E-001
U-238	NOT FOUND/DATA	for	92.60 keV	-6.64E-002	1.91E+000	3.47E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-8.60E-001	1.22E+000	2.04E+000

Uncertainty reported at 2.0 sigma

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

Site Location: CE Windsor
 Sample ID: FSS FSS 05 04 00
 Sample Title: SS FSS 05 004 00
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.273E+002 g
 Sample Taken On: 5/10/2005 3:10:00 PM
 Acquisition Started: 5/16/2005 1:53:33 PM
 Live Time: 600.0 seconds
 Real Time: 600.8 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	1.89E+001	1.21E+001	3.15E+000	FOUND		
MN-54	NOT FOUND/DATA for	834.83 keV	6.98E-002	7.79E-002	1.95E-001	
CO-57	NOT FOUND/DATA for	122.06 keV	-7.34E-003	9.11E-002	1.53E-001	
CO-60	NOT FOUND/DATA for	1332.50 keV	-2.87E-002	1.33E-001	2.35E-001	
ZN-65	NOT FOUND/DATA for	1115.55 keV	-3.30E-001	2.81E-001	3.83E-001	
AG-110m	NOT FOUND/DATA for	884.68 keV	-1.27E-001	1.25E-001	1.75E-001	
SB-125	NOT FOUND/DATA for	427.89 keV	-8.26E-002	2.52E-001	4.45E-001	
CS-134	NOT FOUND/DATA for	604.70 keV	-7.30E-004	1.06E-001	1.92E-001	
CS-137	NOT FOUND/DATA for	661.66 keV	6.71E-002	9.54E-002	2.19E-001	
TL-208	4.38E-001	5.40E-001	1.61E-001	FOUND		
PB-212	NOT FOUND/DATA for	238.63 keV	9.29E-001	2.73E-001	5.84E-001	
BI-214	7.60E-001	9.89E-001	4.87E-001	FOUND		
PB-214	7.19E-001	3.56E-001	4.69E-001	FOUND		
RA-226	NOT FOUND/DATA for	186.10 keV	1.47E+000	2.08E+000	4.07E+000	
AC-228	NOT FOUND/DATA for	911.21 keV	6.85E-001	5.05E-001	1.19E+000	
TH-230	NOT FOUND/DATA for	67.67 keV	-9.06E-001	3.68E+001	6.92E+001	
PA-231	NOT FOUND/DATA for	300.02 keV	2.67E+000	3.55E+000	6.50E+000	
PA-234	NOT FOUND/DATA for	98.44 keV	-6.21E-003	3.51E-001	6.00E-001	
PA-234M	NOT FOUND/DATA for	1001.03 keV	-1.30E+000	1.74E+001	3.51E+001	
TH-234	NOT FOUND/DATA for	92.60 keV	1.07E+000	1.68E+000	3.12E+000	
U-234	NOT FOUND/DATA for	53.20 keV	1.62E+002	3.64E+002	7.15E+002	
U-235	NOT FOUND/DATA for	185.71 keV	8.63E-002	1.31E-001	2.45E-001	
U-238	NOT FOUND/DATA for	92.60 keV	1.07E+000	1.68E+000	3.12E+000	
AM-241	NOT FOUND/DATA for	59.54 keV	-7.75E-002	6.82E-001	1.22E+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: FSS FSS 05 05 00
 Sample Title: SS FSS 05 005 00
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.727E+002 g
 Sample Taken On: 5/10/2005 3:50:00 PM
 Acquisition Started: 5/16/2005 3:10:36 PM
 Live Time: 600.0 seconds
 Real Time: 600.9 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	2.21E+001	3.80E+000	2.67E+000	FOUND		
MN-54	NOT FOUND/DATA for	834.83 keV	3.62E-002	8.76E-002	1.84E-001	
CO-57	NOT FOUND/DATA for	122.06 keV	-4.69E-002	8.94E-002	1.44E-001	
CO-60	NOT FOUND/DATA for	1332.50 keV	4.39E-002	9.02E-002	2.21E-001	
ZN-65	NOT FOUND/DATA for	1115.55 keV	-1.10E-001	1.86E-001	3.23E-001	
AG-110m	NOT FOUND/DATA for	884.68 keV	2.05E-002	9.69E-002	2.12E-001	
SB-125	NOT FOUND/DATA for	427.89 keV	1.20E-002	2.37E-001	4.52E-001	
CS-134	NOT FOUND/DATA for	795.84 keV	1.76E-002	8.49E-002	1.80E-001	
CS-137	NOT FOUND/DATA for	661.66 keV	-2.19E-002	1.22E-001	2.30E-001	
TL-208	NOT FOUND/DATA for	583.19 keV	2.28E-001	1.24E-001	2.89E-001	
PB-212	7.07E-001	1.85E-001	4.18E-001	FOUND		
BI-214	5.50E-001	5.84E-001	3.63E-001	FOUND		
PB-214	9.24E-001	3.73E-001	4.68E-001	FOUND		
RA-226	NOT FOUND/DATA for	186.10 keV	2.08E+000	1.87E+000	3.83E+000	
AC-228	NOT FOUND/DATA for	911.21 keV	9.35E-001	5.97E-001	1.35E+000	
TH-230	NOT FOUND/DATA for	67.67 keV	4.33E-001	3.56E+001	6.62E+001	
PA-231	NOT FOUND/DATA for	300.02 keV	1.40E+000	3.29E+000	6.12E+000	
PA-234	NOT FOUND/DATA for	98.44 keV	1.89E-002	3.52E-001	6.08E-001	
PA-234M	NOT FOUND/DATA for	1001.03 keV	-1.26E+001	1.84E+001	2.82E+001	
TH-234	NOT FOUND/DATA for	92.60 keV	1.79E+000	1.80E+000	3.37E+000	
U-234	NOT FOUND/DATA for	53.20 keV	2.13E+002	3.00E+002	5.95E+002	
U-235	NOT FOUND/DATA for	185.71 keV	3.92E-003	1.14E-001	2.12E-001	
U-238	NOT FOUND/DATA for	92.60 keV	1.79E+000	1.80E+000	3.37E+000	
AM-241	NOT FOUND/DATA for	59.54 keV	6.75E-001	6.10E-001	1.28E+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: FSS FSS 05 06 00
Sample Title: SS FSS 05 006 00
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 7.069E+002 g
Sample Taken On: 5/10/2005 3:05:00 PM
Acquisition Started: 5/16/2005 2:21:51 PM
Live Time: 600.0 seconds
Real Time: 601.0 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	2.43E+001	1.35E+001	2.77E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	4.34E-002	1.11E-001	2.33E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	6.27E-002	1.02E-001	1.83E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	-2.05E-003	1.02E-001	2.22E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.02E-001	2.26E-001	3.94E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-6.28E-002	9.12E-002	1.54E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-1.41E-001	2.10E-001	3.44E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	8.19E-003	9.54E-002	1.91E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	4.61E-002	9.03E-002	1.94E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.05E-001	1.53E-001	3.31E-001
PB-212	9.06E-001	2.21E-001	4.15E-001	FOUND		
BI-214	NOT FOUND/DATA	for	609.31 keV	9.32E-001	3.55E-001	8.16E-001
PB-214	8.92E-001	1.14E+000	4.10E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.85E-001	2.32E+000	4.23E+000
AC-228	1.21E+000	5.95E-001	6.98E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-6.40E+000	4.15E+001	7.36E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	7.45E-001	3.98E+000	6.80E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-4.41E-002	4.02E-001	6.87E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	8.01E+000	1.72E+001	3.85E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	3.18E+000	1.93E+000	3.81E+000
U-234	NOT FOUND/DATA	for	53.20 keV	2.38E+002	3.31E+002	6.76E+002
U-235	NOT FOUND/DATA	for	185.71 keV	8.52E-002	1.39E-001	2.68E-001
U-238	NOT FOUND/DATA	for	92.60 keV	3.18E+000	1.93E+000	3.81E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	3.14E-001	7.09E-001	1.38E+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: FSS FSS 05 07 00
 Sample Title: SS FSS 05 007 00
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.980E+002 g
 Sample Taken On: 5/10/2005 2:50:00 PM
 Acquisition Started: 5/16/2005 2:32:23 PM
 Live Time: 600.0 seconds
 Real Time: 600.9 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	2.17E+001	1.33E+001	3.33E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	8.52E-002	9.98E-002	2.36E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	5.60E-002	9.54E-002	1.76E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	-5.54E-002	1.09E-001	2.01E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-8.37E-002	2.51E-001	4.68E-001
AG-110m	NOT FOUND/DATA	for	884.68 keV	1.63E-002	1.27E-001	2.11E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	1.46E-001	3.00E-001	5.97E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	1.01E-003	1.09E-001	2.00E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	8.51E-003	1.07E-001	2.18E-001
TL-208	2.76E-001	1.30E-001	1.89E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	1.03E+000	3.01E-001	6.37E-001
BI-214	9.30E-001	2.16E+001	3.50E-001	FOUND		
PB-214	7.77E-001	2.35E-001	4.82E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.77E+000	2.30E+000	4.51E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	9.62E-001	5.07E-001	1.26E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	4.73E+000	4.07E+001	7.69E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-2.26E-001	3.26E+000	5.83E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-5.11E-001	5.10E-001	5.84E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-7.07E+000	2.17E+001	3.40E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.02E+000	1.97E+000	3.43E+000
U-234	NOT FOUND/DATA	for	53.20 keV	5.92E+001	3.46E+002	6.72E+002
U-235	NOT FOUND/DATA	for	185.71 keV	8.72E-002	1.35E-001	2.63E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.02E+000	1.97E+000	3.43E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.60E-001	6.27E-001	1.13E+000

Uncertainty reported at 2.0 sigma

 **** CERTIFICATE OF ANALYSIS ****

Site Location: CE Windsor
 Sample ID: FSS 05 08 00
 Sample Title: SS FSS 05 008 00
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.056E+002 g
 Sample Taken On: 5/10/2005 3:18:00 PM
 Acquisition Started: 5/16/2005 10:37:45 AM
 Live Time: 600.0 seconds
 Real Time: 600.8 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	1.83E+001	1.43E+001	2.63E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-7.66E-003	8.55E-002	1.76E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	5.94E-003	8.64E-002	1.52E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	0.00E+000	0.00E+000	4.59E-002
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.46E-001	2.20E-001	3.53E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-6.47E-002	8.75E-002	1.41E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-6.93E-002	2.47E-001	4.58E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-4.32E-002	9.28E-002	1.67E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	7.39E-003	1.00E-001	2.05E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	3.06E-001	1.52E-001	3.51E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	8.18E-001	2.69E-001	5.73E-001
BI-214	9.69E-001	3.09E-001	4.17E-001	FOUND		
PB-214	6.89E-001	2.67E-001	5.27E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.43E+000	2.45E+000	4.83E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	7.90E-001	5.47E-001	1.28E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-5.97E+000	4.03E+001	7.37E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	2.97E+000	3.25E+000	6.26E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-4.35E-001	4.62E-001	5.60E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-8.02E+000	1.77E+001	3.08E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.45E+000	1.76E+000	3.30E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-7.69E+001	3.47E+002	6.11E+002
U-235	NOT FOUND/DATA	for	185.71 keV	6.01E-002	1.46E-001	2.76E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.45E+000	1.76E+000	3.30E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-5.74E-001	6.06E-001	1.00E+000

Uncertainty reported at 2.0 sigma

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

Site Location: CE Windsor
 Sample ID: SS-FSS-05-009-00
 Sample Title: SS-FSS-05-009-00
 Detector Name: 11%
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.187E+002 grams
 Sample Taken On: 5/10/2005 2:45:00 PM
 Acquisition Started: 5/14/2005 3:33:40 PM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.15 %
 Efficiency ID: pint

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/gram)	Activity Uncert. (pCi/gram)	Nuclide MDA (pCi/gram)	Line Activity (pCi/gram)	Line Act Uncert. (pCi/gram)	Line MDA (pCi/gram)
K-40	NOT FOUND/DATA	for	1460.75 keV	1.70E+001	5.86E+000	1.46E+001
MN-54	NOT FOUND/DATA	for	834.83 keV	-8.16E-002	1.77E-001	2.79E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	2.31E-002	9.04E-002	1.77E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	0.00E+000	0.00E+000	1.24E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-9.70E-002	3.74E-001	7.21E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-6.50E-002	1.57E-001	2.72E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-2.08E-001	3.06E-001	3.83E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-8.62E-002	1.49E-001	2.41E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-9.44E-002	1.69E-001	3.01E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.85E-001	2.13E-001	5.14E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	5.18E-001	3.03E-001	6.53E-001
BI-214	NOT FOUND/DATA	for	609.31 keV	3.70E-001	4.59E-001	1.01E+000
PB-214	NOT FOUND/DATA	for	351.92 keV	5.65E-001	4.24E-001	9.35E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	2.26E+000	2.67E+000	5.33E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	9.91E-001	9.87E-001	2.29E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-2.19E+001	7.41E+001	1.34E+002
PA-231	NOT FOUND/DATA	for	300.02 keV	-1.49E+000	4.20E+000	7.34E+000
PA-234	NOT FOUND/DATA	for	946.00 keV	0.00E+000	0.00E+000	7.55E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.33E+001	3.61E+001	7.84E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.34E+000	2.01E+000	4.06E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-6.74E+002	9.36E+002	1.42E+003
U-235	NOT FOUND/DATA	for	185.71 keV	1.79E-001	1.62E-001	3.35E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.34E+000	2.01E+000	4.06E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.80E+000	1.69E+000	2.74E+000

Uncertainty reported at 2.0 sigma

 **** CERTIFICATE OF ANALYSIS ****

Site Location: CE Windsor
 Sample ID: SS-FSS-05-010-00
 Sample Title: SS-FSS-05-010-00
 Detector Name: 11%
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 8.581E+002 grams
 Sample Taken On: 5/10/2005 3:30:00 PM
 Acquisition Started: 5/14/2005 3:44:34 PM
 Live Time: 600.0 seconds
 Real Time: 600.8 seconds
 Dead Time: 0.12 %
 Efficiency ID: pint

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/gram)	Activity Uncert. (pCi/gram)	Nuclide MDA (pCi/gram)	Line Activity (pCi/gram)	Line Act Uncert. (pCi/gram)	Line MDA (pCi/gram)
K-40	NOT FOUND/DATA	for	1460.75 keV	1.07E+001	4.68E+000	1.13E+001
MN-54	NOT FOUND/DATA	for	834.83 keV	-3.60E-003	1.19E-001	2.34E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-2.17E-002	8.20E-002	1.48E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	0.00E+000	0.00E+000	1.04E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.06E-001	4.07E-001	7.00E-001
AG-110m	NOT FOUND/DATA	for	1384.30 keV	0.00E+000	0.00E+000	4.46E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-6.53E-002	2.64E-001	5.23E-001
CS-134	NOT FOUND/DATA	for	795.84 keV	-1.12E-001	1.76E-001	2.61E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	5.87E-002	1.62E-001	3.51E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.38E-001	1.87E-001	4.43E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	1.43E-001	2.66E-001	5.17E-001
BI-214	NOT FOUND/DATA	for	609.31 keV	4.76E-001	3.71E-001	8.72E-001
PB-214	NOT FOUND/DATA	for	351.92 keV	3.31E-001	3.40E-001	7.28E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	2.67E+000	2.48E+000	4.96E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	5.48E-001	5.89E-001	1.53E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-6.55E+001	6.42E+001	1.03E+002
PA-231	NOT FOUND/DATA	for	302.65 keV	-4.56E+000	5.72E+000	7.32E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-1.06E-001	3.22E-001	5.66E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.74E+001	2.18E+001	6.02E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	-5.94E-001	1.67E+000	3.00E+000
U-234	NOT FOUND/DATA	for	53.20 keV	5.27E+002	7.59E+002	1.55E+003
U-235	NOT FOUND/DATA	for	185.71 keV	1.67E-001	1.57E-001	3.09E-001
U-238	NOT FOUND/DATA	for	92.60 keV	-5.94E-001	1.67E+000	3.00E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	9.72E-001	1.30E+000	2.61E+000

Uncertainty reported at 2.0 sigma

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

Site Location: CE Windsor
 Sample ID: SS-FSS-05-011-00
 Sample Title: SS-FSS-05-011-00
 Detector Name: 11%
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.065E+002 grams
 Sample Taken On: 5/10/2005 3:15:00 PM
 Acquisition Started: 5/14/2005 4:07:14 PM
 Live Time: 600.0 seconds
 Real Time: 600.6 seconds
 Dead Time: 0.09 %
 Efficiency ID: pint

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/gram)	Activity Uncert. (pCi/gram)	Nuclide MDA (pCi/gram)	Line Activity (pCi/gram)	Line Act Uncert. (pCi/gram)	Line MDA (pCi/gram)
K-40	1.95E+001	6.56E+000	5.72E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.31E-002	1.44E-001	2.84E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-8.92E-003	9.70E-002	1.80E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	-7.56E-002	2.89E-001	4.32E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-5.43E-001	8.38E-001	5.81E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-8.69E-002	1.57E-001	2.77E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	3.04E-001	3.14E-001	7.94E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-8.12E-002	1.28E-001	2.11E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	3.65E-002	1.67E-001	3.72E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	3.25E-001	2.25E-001	5.38E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	4.70E-001	3.25E-001	6.71E-001
BI-214	NOT FOUND/DATA	for	609.31 keV	7.19E-001	4.80E-001	1.14E+000
PB-214	NOT FOUND/DATA	for	351.92 keV	6.40E-001	5.09E-001	1.04E+000
RA-226	NOT FOUND/DATA	for	186.10 keV	5.70E-001	2.93E+000	5.34E+000
AC-228	NOT FOUND/DATA	for	968.97 keV	-4.83E-001	1.13E+000	1.58E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	1.46E+001	8.76E+001	1.57E+002
PA-231	NOT FOUND/DATA	for	300.02 keV	2.09E+000	4.18E+000	8.73E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	6.21E-002	3.80E-001	7.38E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	2.79E+000	5.66E+001	6.55E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.85E-001	1.81E+000	3.50E+000
U-234	NOT FOUND/DATA	for	53.20 keV	8.39E+002	1.05E+003	2.12E+003
U-235	NOT FOUND/DATA	for	185.71 keV	8.67E-002	1.76E-001	3.35E-001
U-238	NOT FOUND/DATA	for	92.60 keV	2.85E-001	1.81E+000	3.50E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-9.18E-001	1.71E+000	2.96E+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: SS-FSS-05-012-00
 Sample Title: SS-FSS-05-012-00
 Detector Name: 11%
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.504E+002 grams
 Sample Taken On: 5/10/2005 2:47:00 PM
 Acquisition Started: 5/14/2005 2:38:40 PM
 Live Time: 600.0 seconds
 Real Time: 600.3 seconds
 Dead Time: 0.05 %
 Efficiency ID: pint

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/gram)	Activity Uncert. (pCi/gram)	Nuclide MDA (pCi/gram)	Line Activity (pCi/gram)	Line Act Uncert. (pCi/gram)	Line MDA (pCi/gram)
K-40	1.59E+001	1.47E+001	5.70E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-5.35E-002	1.40E-001	2.12E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	1.45E-002	9.74E-002	1.80E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	0.00E+000	0.00E+000	1.19E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.09E-001	4.34E-001	8.93E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	7.81E-002	1.31E-001	3.17E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-1.14E-001	3.16E-001	5.98E-001
CS-134	NOT FOUND/DATA	for	795.84 keV	4.58E-003	1.25E-001	2.98E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	7.64E-003	1.58E-001	3.21E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.77E-001	2.18E-001	5.06E-001
PB-212	5.62E-001	2.47E-001	4.13E-001	FOUND		
BI-214	NOT FOUND/DATA	for	609.31 keV	7.71E-001	4.90E-001	1.15E+000
PB-214	NOT FOUND/DATA	for	351.92 keV	5.57E-001	3.60E-001	8.33E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	2.49E+000	2.36E+000	4.94E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	9.37E-001	9.10E-001	2.11E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-1.49E+001	6.63E+001	1.18E+002
PA-231	NOT FOUND/DATA	for	300.02 keV	-4.22E-001	3.78E+000	7.35E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-3.81E-002	4.06E-001	7.46E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-1.07E+000	2.77E+001	5.32E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	-1.42E-001	1.93E+000	3.43E+000
U-234	NOT FOUND/DATA	for	53.20 keV	2.33E+002	9.19E+002	1.78E+003
U-235	NOT FOUND/DATA	for	185.71 keV	6.39E-002	1.45E-001	2.78E-001
U-238	NOT FOUND/DATA	for	92.60 keV	-1.42E-001	1.93E+000	3.43E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.21E+000	1.46E+000	2.33E+000

Uncertainty reported at 2.0 sigma

***** CERTIFICATE OF ANALYSIS

Site Location: CE Windsor
Sample ID: FSS 05 013 00
Sample Title: SS FSS 05 013 00
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 7.721E+002 g
Sample Taken On: 5/10/2005 3:53:00 PM
Acquisition Started: 5/16/2005 2:06:11 PM
Live Time: 600.0 seconds
Real Time: 600.9 seconds
Dead Time: 0.14 %
Efficiency ID: srs035

IDENTIFIED RADIONUCLIDES				UNIDENTIFIED RADIONUCLIDES		
Nuclide Name	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	1.52E+001	1.15E+001	3.13E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	2.08E-002	1.09E-001	2.22E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-4.77E-002	9.65E-002	1.57E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	6.45E-002	1.02E-001	2.33E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.50E-001	1.95E-001	2.21E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-4.13E-002	1.01E-001	1.79E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	3.47E-002	2.27E-001	4.53E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-5.69E-002	9.74E-002	1.68E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	6.25E-002	1.13E-001	2.38E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.43E-001	1.32E-001	3.03E-001
PB-212	1.05E+000	2.14E-001	4.51E-001	FOUND		
BI-214	1.04E+000	1.21E+000	3.62E-001	FOUND		
PB-214	7.60E-001	2.51E-001	4.10E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.48E+000	2.03E+000	4.12E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	2.37E-001	4.13E-001	9.15E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	-4.83E+000	3.46E+001	6.40E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.88E+000	3.33E+000	6.22E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-2.23E-001	3.69E-001	5.52E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-3.94E+000	1.90E+001	3.52E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	4.83E-001	1.40E+000	2.55E+000
U-234	NOT FOUND/DATA	for	53.20 keV	7.77E+000	3.34E+002	6.30E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.15E-001	1.33E-001	2.55E-001
U-238	NOT FOUND/DATA	for	92.60 keV	4.83E-001	1.40E+000	2.55E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	1.97E-001	6.46E-001	1.23E+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: SS-FSS-05-014-00
 Sample Title: SS-FSS-05-014-00
 Detector Name: 11%
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.884E+002 grams
 Sample Taken On: 5/10/2005 3:08:00 PM
 Acquisition Started: 5/14/2005 2:49:24 PM
 Live Time: 600.0 seconds
 Real Time: 600.7 seconds
 Dead Time: 0.12 %
 Efficiency ID: pint

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/gram)	Activity Uncert. (pCi/gram)	Nuclide MDA (pCi/gram)	Line Activity (pCi/gram)	Line Act Uncert. (pCi/gram)	Line MDA (pCi/gram)
K-40	NOT FOUND/DATA	for	1460.75 keV	1.65E+001	5.57E+000	1.37E+001
MN-54	NOT FOUND/DATA	for	834.83 keV	5.48E-002	7.75E-002	2.54E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-5.37E-003	8.39E-002	1.54E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	4.17E-002	8.34E-002	3.07E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	0.00E+000	0.00E+000	1.91E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-1.88E-001	2.06E-001	2.48E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	7.50E-002	3.65E-001	7.52E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-9.90E-002	1.32E-001	1.89E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-3.64E-002	1.85E-001	3.59E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.32E-001	2.10E-001	4.69E-001
PB-212	6.98E-001	6.78E-001	3.78E-001	FOUND		
BI-214	NOT FOUND/DATA	for	609.31 keV	6.38E-001	4.70E-001	1.07E+000
PB-214	NOT FOUND/DATA	for	351.92 keV	5.85E-001	4.06E-001	8.93E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	1.65E+000	2.70E+000	5.18E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.55E+000	8.36E-001	2.23E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-6.47E+000	6.48E+001	1.20E+002
PA-231	NOT FOUND/DATA	for	300.02 keV	3.04E-001	3.67E+000	7.28E+000
PA-234	NOT FOUND/DATA	for	927.10 keV	0.00E+000	0.00E+000	7.38E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	0.00E+000	1.82E+001	4.01E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.17E+000	2.03E+000	3.97E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-3.86E+002	9.42E+002	1.63E+003
U-235	NOT FOUND/DATA	for	185.71 keV	5.21E-002	1.68E-001	3.10E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.17E+000	2.03E+000	3.97E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-8.72E-001	1.47E+000	2.50E+000

Uncertainty reported at 2.0 sigma