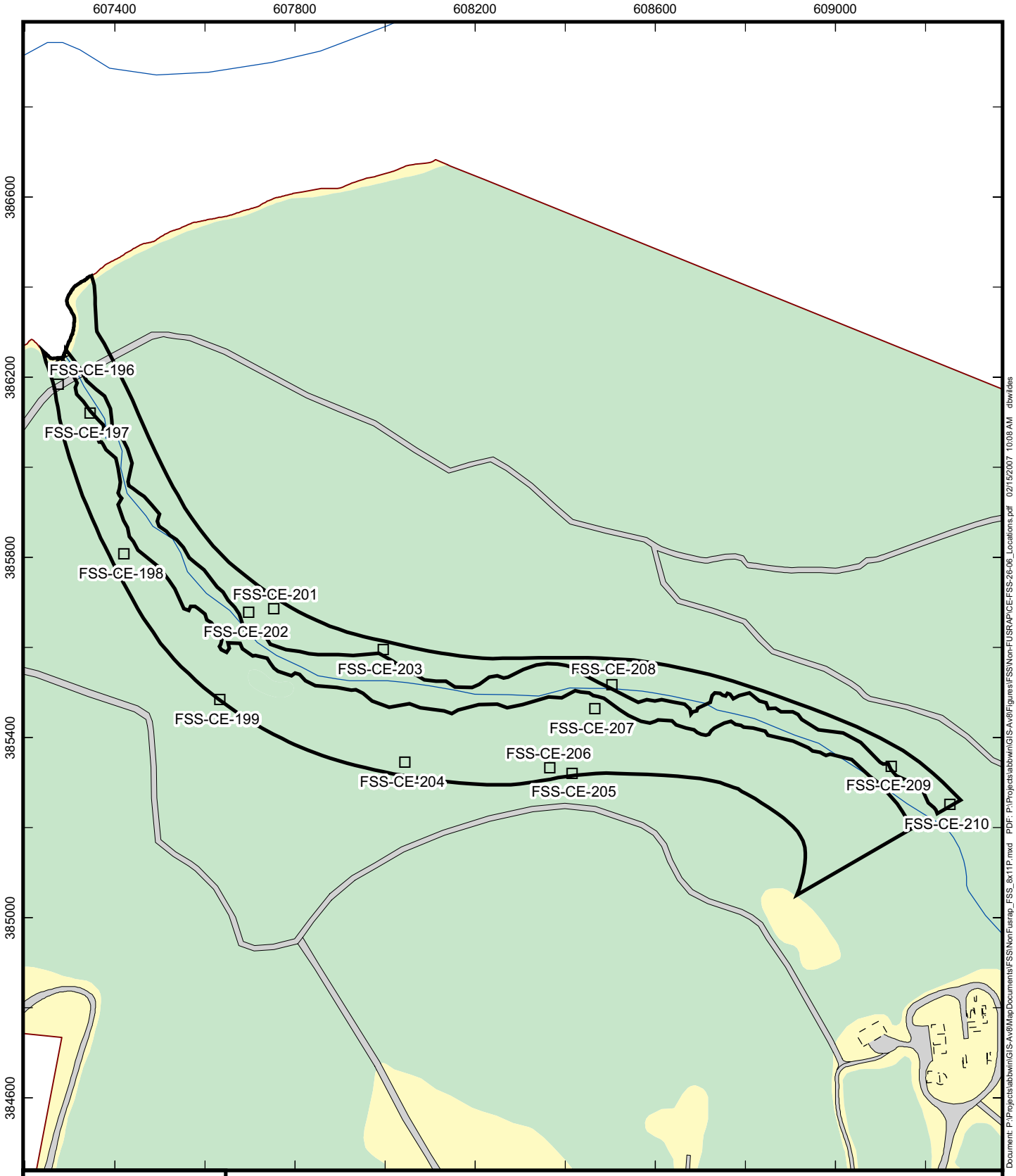
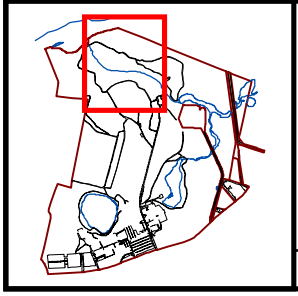
APPENDIX L

SURVEY UNIT CE-FSS-26-06
RESULTS AND DATA EVALUATION





CT State Plane NAD 27 Feet:

Legend

- Soil Sample Location
- Survey Unit
- Forest
- Open
- Water
- Road
- Former Building

N

0 150 300 Feet

Prepared by DBW | Checked by HTD

Sample Locations
Survey Unit CE-FSS-26-06

Final Status Survey
CE Windsor Site
Windsor, Connecticut

MACTEC

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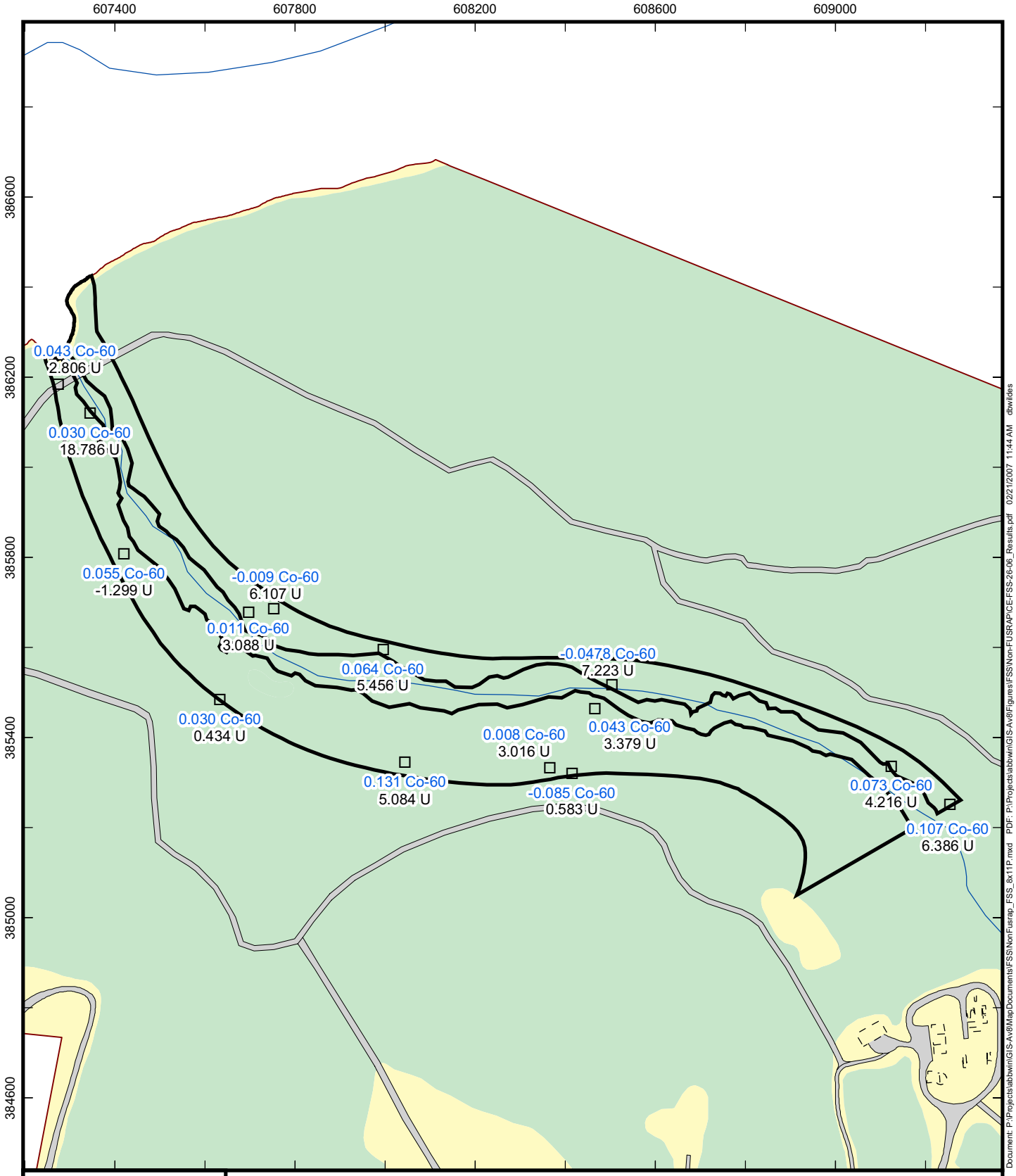
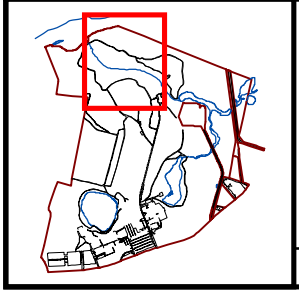


CT State Plane NAD 27 Feet:



Legend

Co-60 (pCi/g)
Total U (pCi/g)

- Soil Sample Location
- Survey Unit
- Forest
- Open
- Water
- Road
- Former Building

N

0 150 300 Feet

Prepared by DBW | Checked by HTD

Sample Results
Survey Unit CE-FSS-26-06

Final Status Survey
CE Windsor Site
Windsor, Connecticut

MACTEC

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Survey Unit CE-FSS-26-06

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		
FSS-CE-196	4.27E-02	9.45E-02	1.90E-01	U	9.05E-02	1.11E-01	2.12E-01	U	2.8	0.014
FSS-CE-197	2.96E-02	9.46E-02	2.17E-01	U	6.06E-01	1.61E-01	2.85E-01		18.8	0.040
FSS-CE-198	5.48E-02	9.63E-02	2.25E-01	U	-4.19E-02	1.14E-01	2.02E-01	U	-1.3	0.009
FSS-CE-199	6.05E-02	8.91E-02	2.09E-01	U	-1.23E-02	1.22E-01	2.18E-01	U	-0.4	0.011
FSS-CE-200 (199 DUP)	-8.62E-04	8.65E-02	1.70E-01	U	4.03E-02	1.27E-01	2.34E-01	U	1.2	0.002
FSS-CE-199 AVE	2.98E-02				1.40E-02				0.4	0.007
FSS-CE-201	1.07E-02	1.35E-01	2.74E-01	U	9.96E-02	1.64E-01	3.11E-01	U	3.1	0.008
FSS-CE-202	-9.25E-03	7.79E-02	1.72E-01	U	1.97E-01	1.72E-01	3.35E-01	U	6.1	0.009
FSS-CE-203	6.36E-02	1.11E-01	2.53E-01	U	1.76E-01	1.41E-01	2.66E-01	U	5.5	0.023
FSS-CE-204	1.31E-01	1.10E-01	3.01E-01	U	1.64E-01	1.90E-01	3.64E-01	U	5.1	0.035
FSS-CE-205	-8.50E-02	1.46E-01	2.13E-01	U	1.88E-02	1.81E-01	3.26E-01	U	0.6	-0.016
FSS-CE-206	8.13E-03	1.18E-01	2.34E-01	U	9.73E-02	1.75E-01	3.30E-01	U	3.0	0.007
FSS-CE-207	4.30E-02	1.33E-01	2.80E-01	U	1.09E-01	1.41E-01	2.71E-01	U	3.4	0.015
FSS-CE-208	-4.78E-02	1.33E-01	1.93E-01	U	2.33E-01	1.40E-01	3.10E-01	U	7.2	0.003
FSS-CE-209	7.26E-02	1.33E-01	3.22E-01	U	1.36E-01	2.03E-01	3.89E-01	U	4.2	0.022
FSS-CE-210	1.39E-01	1.41E-01	3.36E-01	U	2.36E-01	1.66E-01	3.30E-01	U	7.3	0.041
FSS-CE-211 (210 DUP)	7.46E-02	1.22E-01	2.84E-01	U	1.76E-01	1.63E-01	3.18E-01	U	5.5	0.025
FSS-CE-210 AVE	1.07E-01				2.06E-01				6.4	0.033

Survey Unit CE-FSS-26-06

One-Minute Static Field Measurement Results

Sample ID	Static Count Rate (cpm)	Ambient Background (cpm)	Net (cpm)	pCi/g
FSS-CE-196	2108	2000	108	0.4
FSS-CE-197	2309	2000	309	1.0
FSS-CE-198	1886	2000	-114	-0.4
FSS-CE-199	2371	2000	371	1.2
FSS-CE-201	2428	2000	428	1.4
FSS-CE-202	2488	2000	488	1.6
FSS-CE-203	2770	2000	770	2.6
FSS-CE-204	2022	2000	22	0.1
FSS-CE-205	2624	2000	624	2.1
FSS-CE-206	2682	2000	682	2.3
FSS-CE-207	2108	2000	108	0.4
FSS-CE-208	1585	2000	-415	-1.4
FSS-CE-209	1596	2000	-404	-1.3
FSS-CE-210	2508	2000	508	1.7

Survey Unit CE-FSS-26-06

Final Status Survey Sample GPS Coordinates

Sample ID	X_Coord	Y_Coord
FSS-CE-196	607273.78	386185.40
FSS-CE-197	607344.22	386120.47
FSS-CE-198	607419.96	385807.85
FSS-CE-199	607632.84	385484.07
FSS-CE-201	607752.52	385686.06
FSS-CE-202	607696.75	385678.36
FSS-CE-203	607995.12	385595.97
FSS-CE-204	608043.83	385344.70
FSS-CE-205	608414.95	385321.01
FSS-CE-206	608365.73	385333.19
FSS-CE-207	608465.28	385464.32
FSS-CE-208	608503.48	385517.92
FSS-CE-209	609123.98	385337.29
FSS-CE-210	609253.70	385251.51

Descriptive Statistics Report

Summary Section of 26-06 Co-60

Count	Mean	Standard Deviation	Standard Error	Minimum	Maximum	Range
14	3.220572E-02	5.658236E-02	1.512227E-02	-0.085	0.131	0.216

Counts Section of 26-06 Co-60

Rows	Sum of Frequencies	Missing Values	Distinct Values	Sum	Total Sum Squares	Adjusted Sum Squares
20	14	6	14	0.45088	5.614124E-02	4.162033E-02

Means Section of 26-06 Co-60

Parameter	Mean	Median	Geometric Mean	Harmonic Mean	Sum	Mode
Value	3.220572E-02	0.03625	4.064185E-02	5.503001E-02	0.45088	
Std Error	1.512227E-02				0.2117118	
95% LCL	-4.639685E-04	-0.00925	0.0227086	2.063504E-02	-6.495559E-03	
95% UCL	6.487539E-02	0.0636	7.273721E-02	-8.252553E-02	0.9082556	
T-Value	2.129688					
Prob Level	5.287957E-02					
Count	14		11	14		0

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 26-06 Co-60

Parameter	Variance	Standard Deviation	Unbiased Std Dev	Std Error of Mean	Interquartile Range	Range
Value	3.201564E-03	5.658236E-02	5.767993E-02	1.512227E-02	0.062065	0.216
Std Error	1.191518E-03	1.489033E-02		3.979609E-03		
95% LCL	1.682608E-03	0.0410196		1.096295E-02		
95% UCL	8.309523E-03	9.115659E-02		2.436262E-02		

Skewness and Kurtosis Section of 26-06 Co-60

Parameter	Skewness	Kurtosis	Fisher's g1	Fisher's g2	Coefficient of Variation	Coefficient of Dispersion
Value	-0.3189893	2.939121	-0.3586167	0.5009735	1.756904	1.139941
Std Error	0.3573652	0.8698012			0.9262285	

Trimmed Section of 26-06 Co-60

Parameter	5% Trimmed	10% Trimmed	15% Trimmed	25% Trimmed	35% Trimmed	45% Trimmed
Trim-Mean	3.322857E-02	3.403571E-02	3.462704E-02	3.520929E-02	3.610714E-02	0.03625
Trim-Std Dev	4.657114E-02	3.609259E-02	2.552907E-02	1.794293E-02	9.229619E-03	1.206684E-02
Count	13	11	10	7	4	1

Descriptive Statistics Report

Mean-Deviation Section of 26-06 Co-60

Parameter	|X-Mean|	|X-Median|	(X-Mean)^2	(X-Mean)^3	(X-Mean)^4
Average	4.132286E-02	4.132286E-02	2.972881E-03	-5.170616E-05	2.5976E-05
Std Error	9.075533E-03		1.106409E-03	6.213236E-05	1.318154E-05

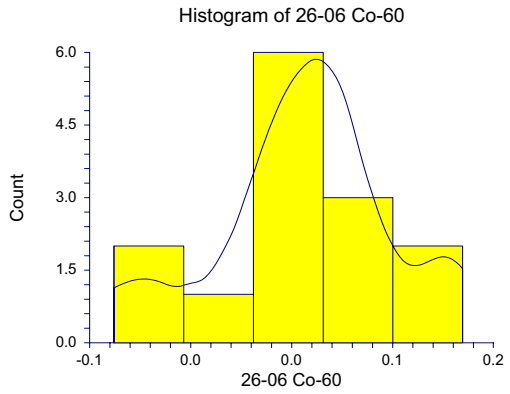
Quartile Section of 26-06 Co-60

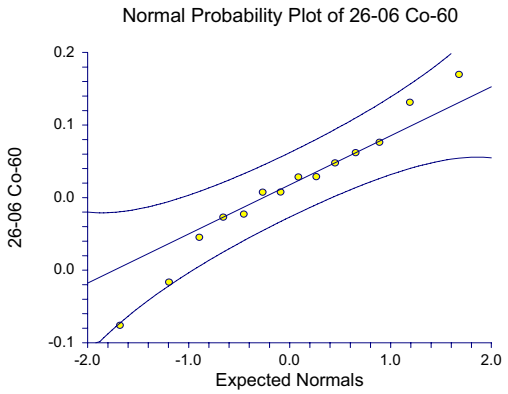
Parameter	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Value	-0.0664	0.003785	0.03625	0.06585	0.119
95% LCL		-0.085	-0.00925	0.0298	
95% UCL		0.0427	0.0636	0.131	

Normality Test Section of 26-06 Co-60

Test Name	Test Value	Prob Level	10% Critical Value	5% Critical Value	Decision (5%)
Shapiro-Wilk W	0.977133	0.9547669			Can't reject normality
Anderson-Darling	0.2151041	0.8482806			Can't reject normality
Martinez-Iglewicz	1.07513		1.305415	1.57245	Can't reject normality
Kolmogorov-Smirnov	9.478661E-02		0.208	0.226	Can't reject normality
D'Agostino Skewness	-0.6292233	0.5292029	1.645	1.960	Can't reject normality
D'Agostino Kurtosis	0.6490	0.516356	1.645	1.960	Can't reject normality
D'Agostino Omnibus	0.8171	0.664617	4.605	5.991	Can't reject normality

Plots Section of 26-06 Co-60





Descriptive Statistics Report

Percentile Section of 26-06 Co-60

Percentile	Value	95% LCL	95% UCL	Exact Conf. Level
99	0.131			
95	0.131			
90	0.119			
85	0.0984			
80	0.0726	0.0298	0.131	95.36224
75	0.06585	0.0298	0.131	97.18725
70	0.0592	0.0298	0.131	96.17493
65	0.05185	0.0296	0.107	95.51371
60	0.043	0.0107	0.107	97.43929
55	0.042775	0.00813	0.0726	97.15633
50	0.03625	-0.00925	0.0636	96.48438
45	0.02975	-0.00925	0.0636	97.15633
40	0.0296	-0.0478	0.0548	97.43929
35	0.015425	-0.0478	0.043	95.51371
30	0.009415	-0.085	0.0427	96.17493
25	0.003785	-0.085	0.0427	97.18725
20	-0.00925	-0.085	0.0427	95.36224
15	-0.0381625			
10	-0.0664			
5	-0.085			
1	-0.085			

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

Stem-Leaf Plot Section of 26-06 Co-60

Depth	Stem	Leaves
Low		-8
2	F	4
2	T	
3	-0*	0
5	0*	01
7	T	22
7	F	445
4	S	67
2	.	
2	1*	0
1	T	3

Unit = .01 Example: 1 |2 Represents 0.12

Descriptive Statistics Report

Summary Section of 26-06 Total U

Count	Mean	Standard Deviation	Standard Error	Minimum	Maximum	Range
14	4.664286	4.747406	1.268797	-1.3	18.8	20.1

Counts Section of 26-06 Total U

Rows	Sum of Frequencies	Missing Values	Distinct Values	Sum	Total Sum Squares	Adjusted Sum Squares
20	14	6	14	65.3	597.57	292.9922

Means Section of 26-06 Total U

Parameter	Mean	Median	Geometric Mean	Harmonic Mean	Sum	Mode
Value	4.664286	3.8	3.530277	2.400192	65.3	
Std Error	1.268797				17.76316	
95% LCL	1.923216	0.6	1.914646	1.156805	26.92502	
95% UCL	7.405356	6.1	6.50922	-32.06888	103.675	
T-Value	3.676147					
Prob Level	2.794324E-03					
Count	14		13	14		0

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 26-06 Total U

Parameter	Variance	Standard Deviation	Unbiased Std Dev	Std Error of Mean	Interquartile Range	Range
Value	22.53786	4.747406	4.839494	1.268797	3.925	20.1
Std Error	14.54398	2.166267		0.5789592		
95% LCL	11.84496	3.44165		0.9198197		
95% UCL	58.49606	7.648272		2.044086		

Skewness and Kurtosis Section of 26-06 Total U

Parameter	Skewness	Kurtosis	Fisher's g1	Fisher's g2	Coefficient of Variation	Coefficient of Dispersion
Value	1.847162	6.830011	2.076632	6.24888	1.01782	0.7763158
Std Error	0.4922103	4.200562			0.2120696	

Trimmed Section of 26-06 Total U

Parameter	5% Trimmed	10% Trimmed	15% Trimmed	25% Trimmed	35% Trimmed	45% Trimmed
Trim-Mean	4.210318	3.996428	4.030612	4.107143	3.964286	3.8
Trim-Std Dev	3.290813	2.047472	1.754825	1.191263	0.9252775	0.7483315
Count	13	11	10	7	4	1

Descriptive Statistics Report

Mean-Deviation Section of 26-06 Total U

Parameter	|X-Mean|	|X-Median|	(X-Mean)^2	(X-Mean)^3	(X-Mean)^4
Average	3.016326	2.95	20.92801	176.8467	2991.419
Std Error	0.7614605		13.50513	133.4865	2061.484

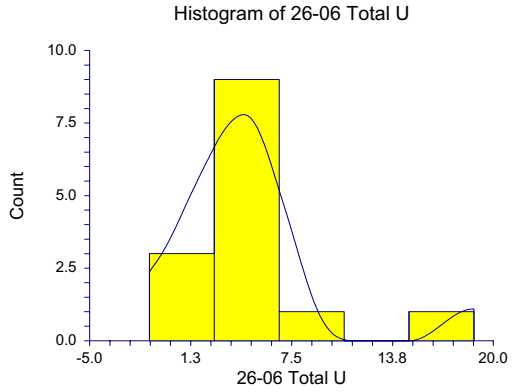
Quartile Section of 26-06 Total U

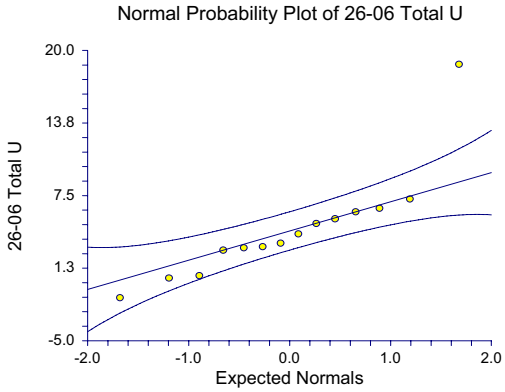
Parameter	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Value	-0.45	2.25	3.8	6.175	13
95% LCL		-1.3	0.6	3.4	
95% UCL		4.2	6.1	18.8	

Normality Test Section of 26-06 Total U

Test Name	Test Value	Prob Level	10% Critical Value	5% Critical Value	Decision (5%)
Shapiro-Wilk W	0.799503	4.920714E-03			Reject normality
Anderson-Darling	0.9506357	1.629869E-02			Reject normality
Martinez-Iglewicz	2.900958		1.305415	1.57245	Reject normality
Kolmogorov-Smirnov	0.2251985		0.208	0.226	Can't reject normality
D'Agostino Skewness	3.109298	1.875327E-03	1.645	1.960	Reject normality
D'Agostino Kurtosis	2.9647	0.003030	1.645	1.960	Reject normality
D'Agostino Omnibus	18.4570	0.000098	4.605	5.991	Reject normality

Plots Section of 26-06 Total U





Descriptive Statistics Report

Percentile Section of 26-06 Total U

Percentile	Value	95% LCL	95% UCL	Exact Conf. Level
99	18.8			
95	18.8			
90	13			
85	7			
80	6.4	3.4	18.8	95.36224
75	6.175	3.4	18.8	97.18725
70	5.8	3.4	18.8	96.17493
65	5.4	3.1	7.2	95.51371
60	5.1	3	7.2	97.43929
55	4.425	2.8	6.4	97.15633
50	3.8	0.6	6.1	96.48438
45	3.325	0.6	6.1	97.15633
40	3.1	0.4	5.5	97.43929
35	3.025	0.4	5.1	95.51371
30	2.9	-1.3	4.2	96.17493
25	2.25	-1.3	4.2	97.18725
20	0.6	-1.3	4.2	95.36224
15	0.45			
10	-0.45			
5	-1.3			
1	-1.3			

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

Stem-Leaf Plot Section of 26-06 Total U

Depth	Stem	Leaves
1	-1	3
1	-0	
3	0	46
3	1	
4	2	8
7	3	014
7	4	2
6	5	15
4	6	14
2	7	2
High		188

Unit = .1 Example: 1 |2 Represents 1.2

Descriptive Statistics Report

Summary Section of 26-06 SOF

Count	Mean	Standard Deviation	Standard Error	Minimum	Maximum	Range
14	1.492857E-02	1.472029E-02	3.934162E-03	-0.016	0.04	0.056

Counts Section of 26-06 SOF

Rows	Sum of Frequencies	Missing Values	Distinct Values	Sum	Total Sum Squares	Adjusted Sum Squares
20	14	6	12	0.209	0.005937	2.816929E-03

Means Section of 26-06 SOF

Parameter	Mean	Median	Geometric Mean	Harmonic Mean	Sum	Mode
Value	1.492857E-02	0.0115	0.0134417	1.152574E-02	0.209	
Std Error	3.934162E-03				5.507826E-02	
95% LCL	6.429331E-03	0.007	8.431363E-03	7.191522E-03	9.001064E-02	
95% UCL	2.342781E-02	0.023	2.142943E-02	2.900906E-02	0.3279894	
T-Value	3.7946					
Prob Level	2.230094E-03					
Count	14		13	14		0

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 26-06 SOF

Parameter	Variance	Standard Deviation	Unbiased Std Dev	Std Error of Mean	Interquartile Range	Range
Value	2.166868E-04	1.472029E-02	1.500583E-02	3.934162E-03	0.0185	0.056
Std Error	7.889684E-05	3.789905E-03		1.012895E-03		
95% LCL	1.138815E-04	1.067153E-02		2.852086E-03		
95% UCL	5.624014E-04	0.023715		6.338102E-03		

Skewness and Kurtosis Section of 26-06 SOF

Parameter	Skewness	Kurtosis	Fisher's g1	Fisher's g2	Coefficient of Variation	Coefficient of Dispersion
Value	-6.014789E-02	2.856018	-6.761996E-02	0.378209	0.9860479	0.9627329
Std Error	0.4125233	0.6762415			0.3144767	

Trimmed Section of 26-06 SOF

Parameter	5% Trimmed	10% Trimmed	15% Trimmed	25% Trimmed	35% Trimmed	45% Trimmed
Trim-Mean	1.525397E-02	1.516071E-02	1.459184E-02	1.314286E-02	1.190476E-02	0.0115
Trim-Std Dev	1.212715E-02	9.966171E-03	8.571672E-03	5.928141E-03	3.646998E-03	4.677072E-03
Count	13	11	10	7	4	1

Descriptive Statistics Report

Mean-Deviation Section of 26-06 SOF

Parameter	|X-Mean|	|X-Median|	(X-Mean)^2	(X-Mean)^3	(X-Mean)^4
Average	1.120408E-02	1.107143E-02	2.012092E-04	-1.716691E-07	1.156263E-07
Std Error	2.361062E-03		7.326135E-05	1.236284E-06	6.49655E-08

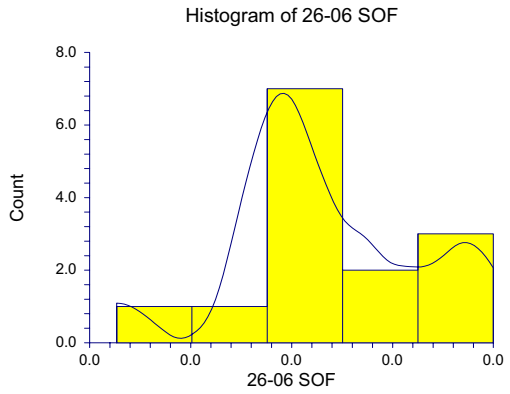
Quartile Section of 26-06 SOF

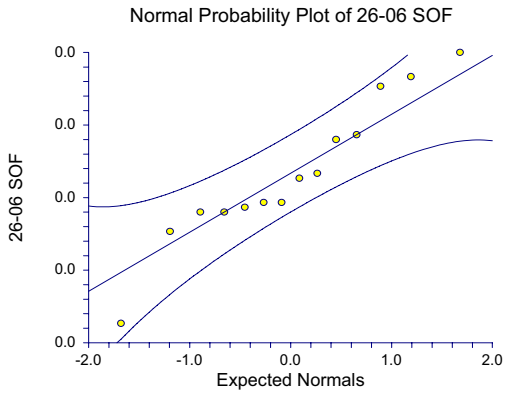
Parameter	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Value	-0.0065	0.007	0.0115	0.0255	0.0375
95% LCL		-0.016	0.007	0.009	
95% UCL		0.014	0.023	0.04	

Normality Test Section of 26-06 SOF

Test Name	Test Value	Prob Level	10% Critical Value	5% Critical Value	Decision (5%)
Shapiro-Wilk W	0.9448637	0.4841453			Can't reject normality
Anderson-Darling	0.4220157	0.3217825			Can't reject normality
Martinez-Iglewicz	1.031865		1.305415	1.57245	Can't reject normality
Kolmogorov-Smirnov	0.1564333		0.208	0.226	Can't reject normality
D'Agostino Skewness	-0.1194478	0.9049206	1.645	1.960	Can't reject normality
D'Agostino Kurtosis	0.5519	0.580988	1.645	1.960	Can't reject normality
D'Agostino Omnibus	0.3189	0.852609	4.605	5.991	Can't reject normality

Plots Section of 26-06 SOF





Descriptive Statistics Report

Percentile Section of 26-06 SOF

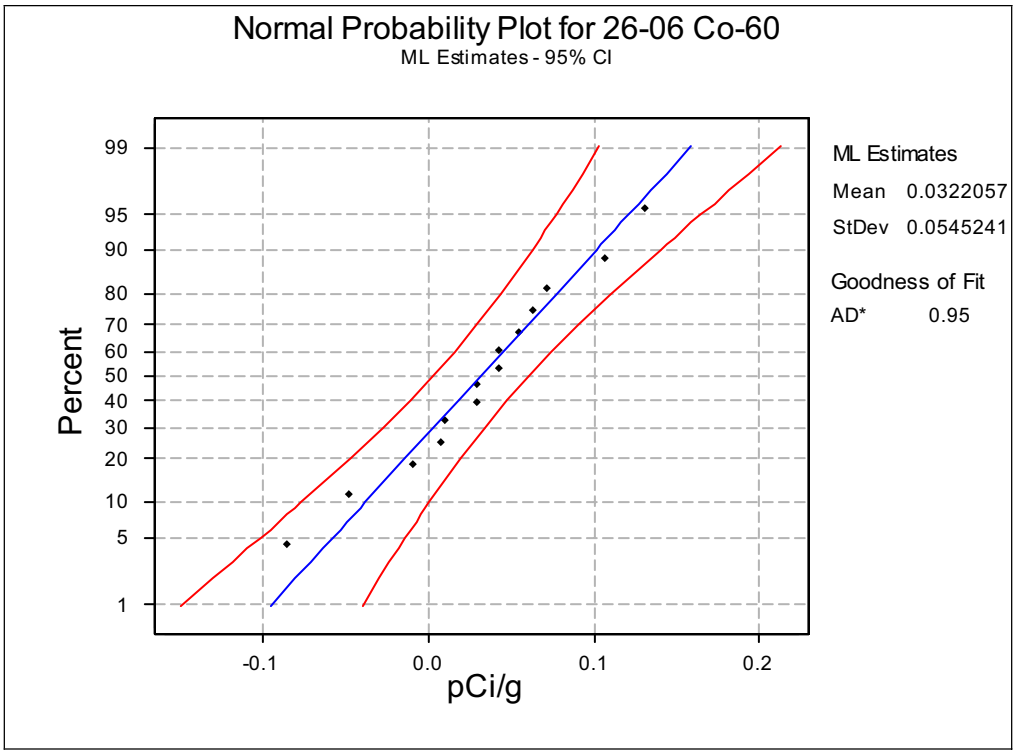
Percentile	Value	95% LCL	95% UCL	Exact Conf. Level
99	0.04			
95	0.04			
90	0.0375			
85	0.0345			
80	0.033	0.009	0.04	95.36224
75	0.0255	0.009	0.04	97.18725
70	0.0225	0.009	0.04	96.17493
65	0.02025	0.009	0.035	95.51371
60	0.015	0.008	0.035	97.43929
55	0.01425	0.007	0.033	97.15633
50	0.0115	0.007	0.023	96.48438
45	0.009	0.007	0.023	97.15633
40	0.009	0.003	0.022	97.43929
35	0.00825	0.003	0.015	95.51371
30	0.0075	-0.016	0.014	96.17493
25	0.007	-0.016	0.014	97.18725
20	0.007	-0.016	0.014	95.36224
15	0.004			
10	-0.0065			
5	-0.016			
1	-0.016			

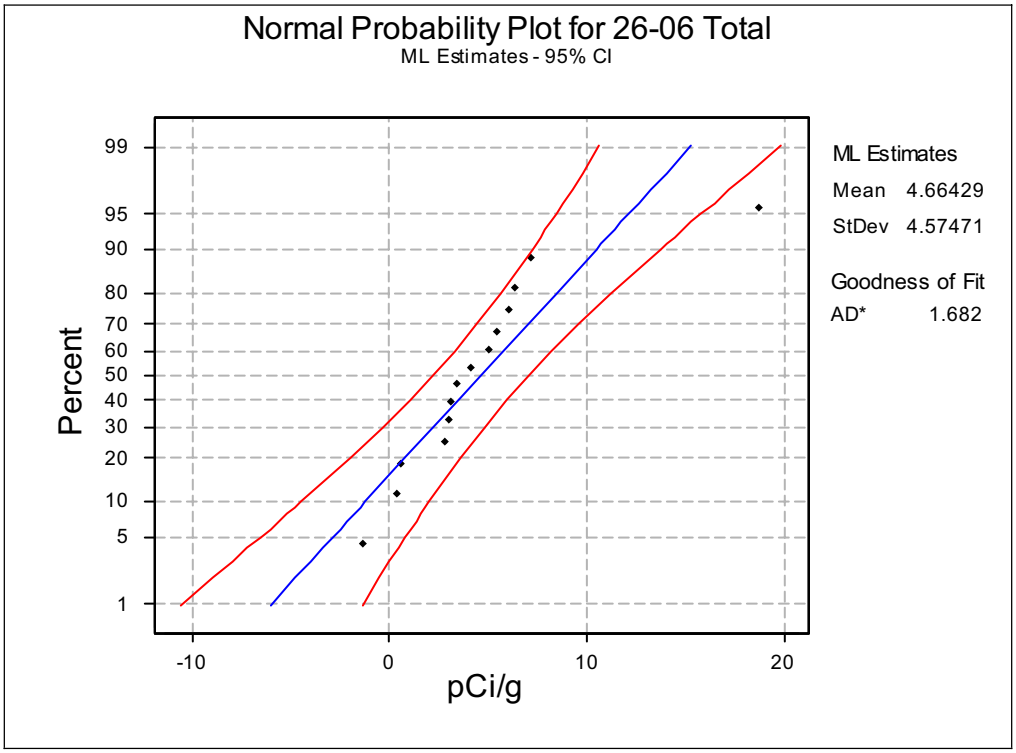
Percentile Formula: Ave X(p[n+1])

Stem-Leaf Plot Section of 26-06 SOF

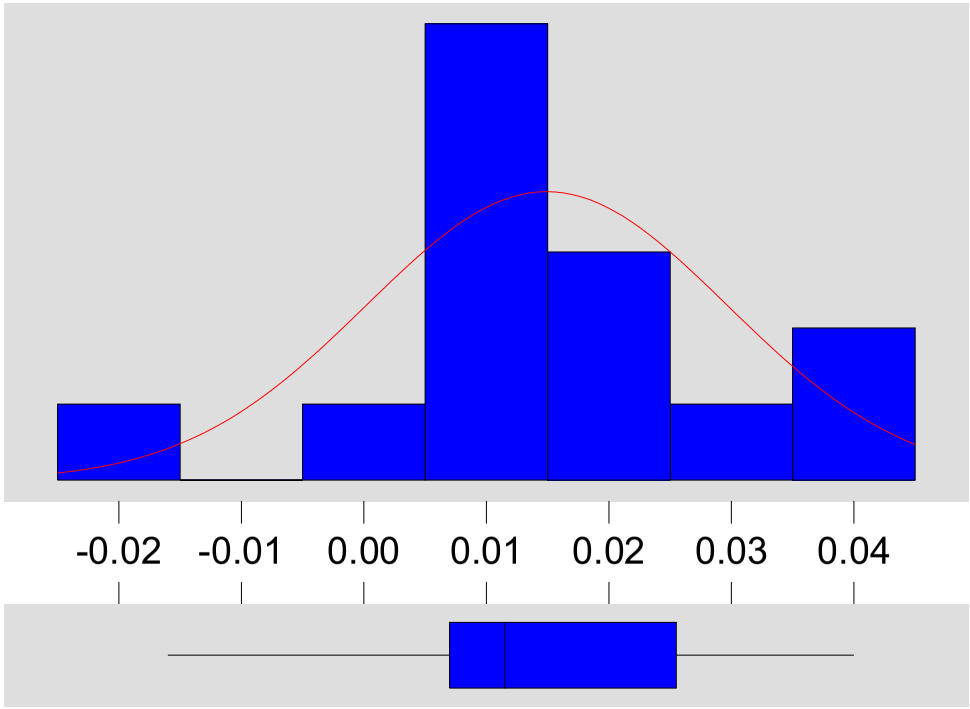
Depth	Stem	Leaves
1	-1	6
1	-0	
7	0	377899
7	1	45
5	2	23
3	3	35
1	4	0

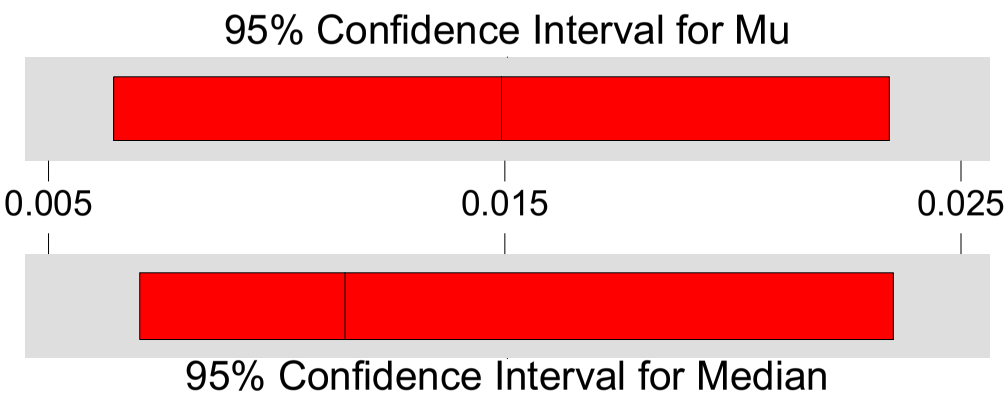
Unit = .001 Example: 1 |2 Represents 0.012


Normal Probability Plot for 26-06 Co-60
ML Estimates - 95% CI
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
-0.1
0.0
0.1
0.2
pCi/g
ML Estimates
Mean 0.0322057
StDev 0.0545241
Goodness of Fit
AD* 0.95


Normal Probability Plot for 26-06 Total
ML Estimates - 95% CI
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
-10
0
10
20
pCi/g
ML Estimates
Mean 4.66429
StDev 4.57471
Goodness of Fit
AD* 1.682

Descriptive Statistics





Variable: 26-06 SOF

Anderson-Darling Normality Test

A-Squared:	0.417
P-Value:	0.285
Mean	1.49E-02
StDev	1.47E-02
Variance	2.17E-04
Skewness	-6.8E-02
Kurtosis	0.378209
N	14
Minimum	-1.6E-02
1st Quartile	7.00E-03
Median	1.15E-02
3rd Quartile	2.55E-02
Maximum	4.00E-02

95% Confidence Interval for Mu

6.43E-03	2.34E-02

95% Confidence Interval for Sigma

1.07E-02	2.37E-02

95% Confidence Interval for Median

7.00E-03	2.35E-02

One-Sample T-Test Report

Variable 26-06 SOF

Descriptive Statistics Section

Variable	Count	Mean	Standard Deviation	Standard Error	95% LCL of Mean	95% UCL of Mean
26-06 SOF	14	1.492857E-02	1.472029E-02	3.934162E-03	6.429331E-03	2.342781E-02

T for Confidence Limits = 2.1604

Tests of Assumptions Section

Assumption	Value	Probability	Decision(5%)
Skewness Normality	-0.1194	0.904921	Cannot reject normality
Kurtosis Normality	0.5519	0.580988	Cannot reject normality
Omnibus Normality	0.3189	0.852609	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)
26-06 SOF<>1	-250.3891	0.000000	Reject H0	1.000000	1.000000
26-06 SOF<1	-250.3891	0.000000	Reject H0	1.000000	1.000000
26-06 SOF>1	-250.3891	1.000000	Accept H0	0.000000	0.000000

Nonparametric Tests Section

Quantile (Sign) Test

Null Quantile (Q0)	Quantile Proportion	Number Lower	Number Higher	H1:Q<>Q0 Prob Level	H1:Q<Q0 Prob Level	H1:Q>Q0 Prob Level
1	0.5	14	0	0.000122	0.000061	1.000000

Wilcoxon Signed-Rank Test for Difference in Medians

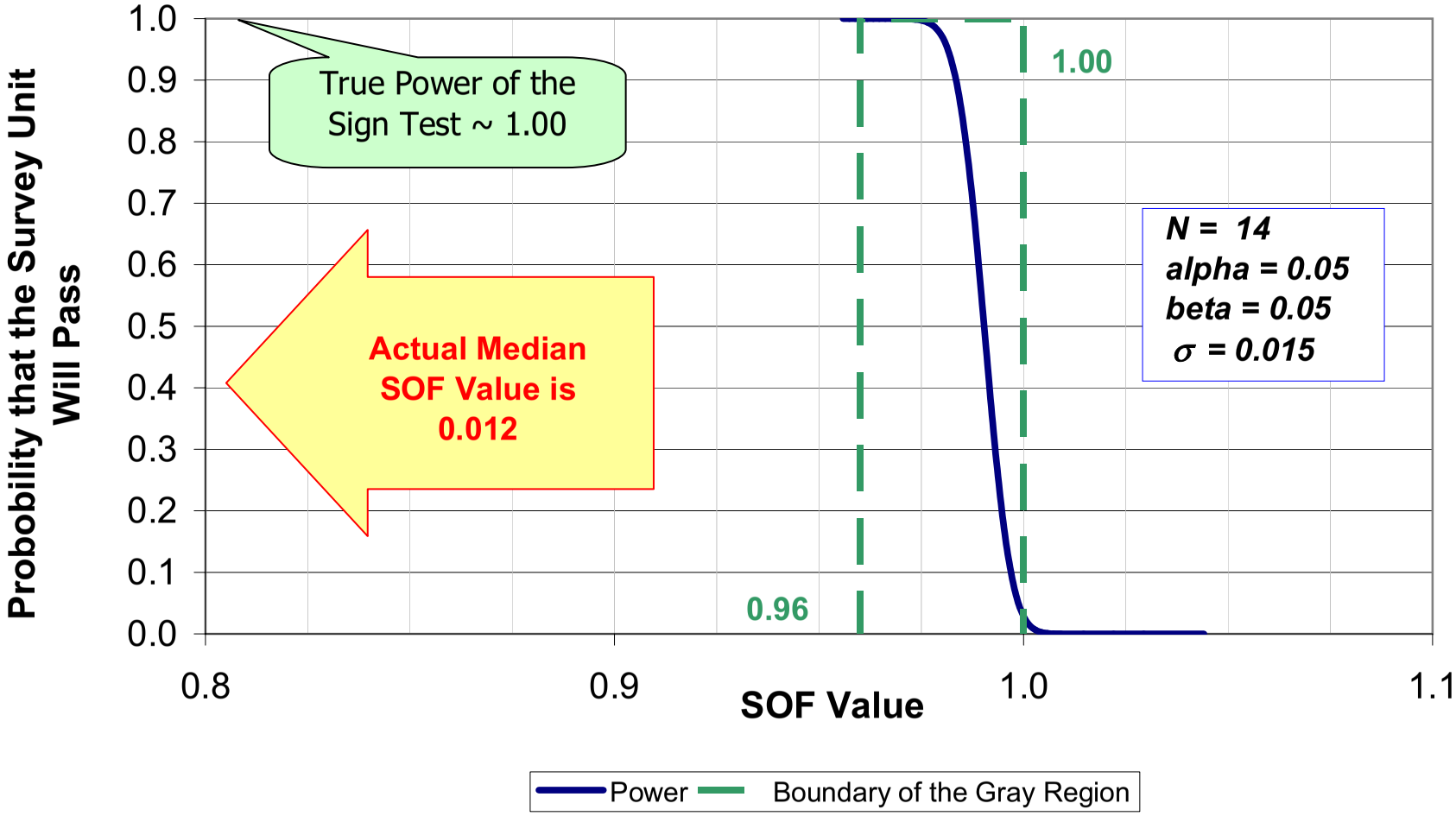
W Sum Ranks	Mean of W	Std Dev of W	Number of Zeros	Number Sets of Ties	Multiplicity Factor
0	52.5	15.92168	0	2	12

	Exact Probability		Approximation Without Continuity Correction			Approximation With Continuity Correction		
Alternative Hypothesis	Prob Level	Decision (5%)	Z-Value	Prob Level	Decision (5%)	Z-Value	Prob Level	Decision (5%)
Median<>1			3.2974	0.000976	Reject H0	1.0000	0.001091	Reject H0
Median<1			-3.2974	0.000488	Reject H0	-3.2660	0.000545	Reject H0
Median>1			-3.2974	0.999512	Accept H0	-3.3288	0.999564	Accept H0

Retrospective Power of the Sign Test

Surface Soil Volumetric Measurements SOF Values

Survey Unit CE-FSS-26-06



RADIOLOGICAL SURVEY MAP

Survey Unit N0: CE-FSS- 26-06-S1

Surveyor Team (print names): Robert Clark / Donell Jackson

#	Sample ID	Static Count
1	CE-FSS-196	2108
2	CE-FSS-197	2309
3	CE-FSS-198	1886
4	CE-FSS-199	2371
5	CE-FSS-201	2428
6	CE-FSS-202	2488
40	CE-FSS-200	2371

Comments

* Background varried based on terrain and soil type

2x2 NaI walkover (9/5/06)

No areas identified above ambient background

D-Duplicate

Instrument: L 2350 @ 44-10

Ser. No: 8/5 175852/15203 8/11 186125/199144

Background (cpm): 1500-2500 *

Technician Signature & Date: [signature] 8/4/06 9/5/06

Reviewed By Signature & Date: [signature] 9/18/06

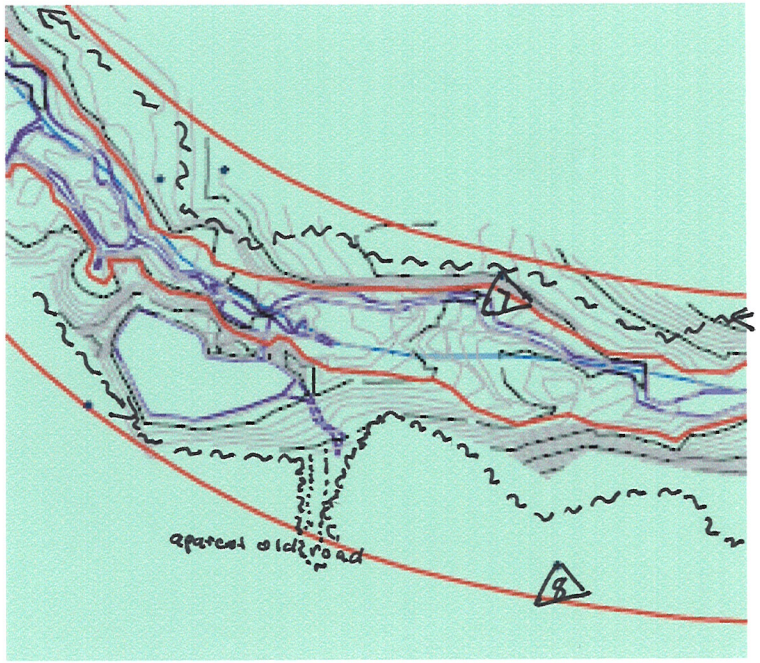
Key: ≈≈ - Direct Scan; [] - Volumetric Sample

RADIOLOGICAL SURVEY MAP

Survey Unit N0: CE-FSS- 26-06-52

Surveyor Team (print names): Robert Clark / Donell Jackson

#	Sample ID	Static Count
7	CE-FSS-203	2770
8	CE-FSS-204	2022



Comments

* Background varried based on terrain and soil type

2x2 NaI walkover (9/5/06)
No areas identified above ambient background

Instrument: Ludlum 2350 @ 44-10

Ser. No: 9/5-175852/15203 8/11-186175/199144

Background (cpm): 1500-2500*

Technician Signature & Date: Robert Clark 8/11/06 9/5/06

Reviewed By Signature & Date: Heth Downey 9/18/06

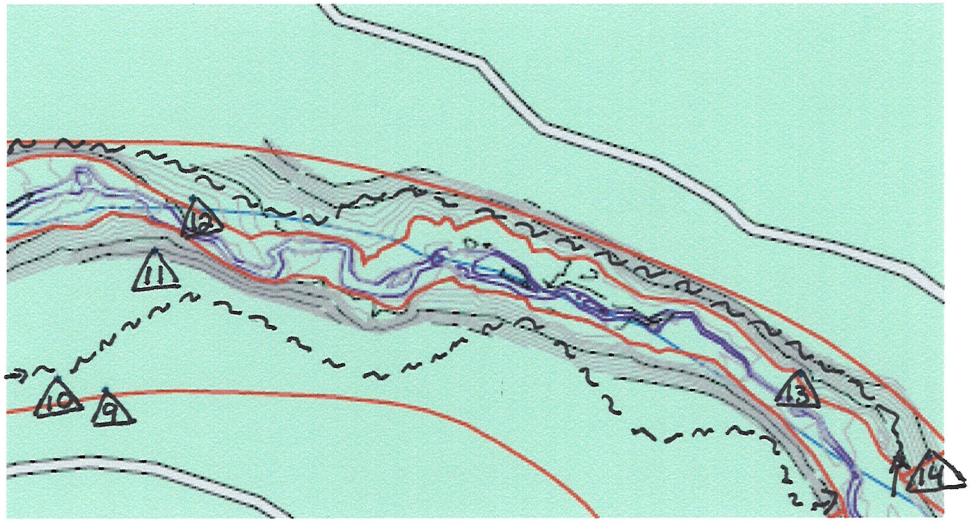
Key
≈≈ - Direct Scan
[] - Volumetric Sample

RADIOLOGICAL SURVEY MAP

Survey Unit N0: CE-FSS- 26-06-53

Surveyor Team (print names): Robert Clark / Donell Jackson

9	CE-FSS-205	2624
10	CE-FSS-206	2682
11	CE-FSS-207	2108
12	CE-FSS-208	1585
13	CE-FSS-209	1596
14	CE-FSS-210	2508
14D	CE-FSS-211	2508



Comments

* Background varied based on terrain and soil type

2x2 NaI walkover (9/5/06)
No areas identified above ambient background

D - Duplicate

Instrument:	Ser. No:	Background (cpm):	Key
Ludlum 2350 @ 44-10	9/5 - 175852 / 15203 8/11 186125 / 199144	1500 - 2500 *	≈≈ - Direct Scan
Technician Signature & Date: Robert R Clark 8/11/06 9/5/06	Reviewed By Signature & Date: Heath Denny 9/18/06		[] - Volumetric Sample

Survey Unit CE-FSS-026-06
Gamma Walkover Survey
Instrument: Ludlum 2350-1 (175852) with 44-10 (15203)

Data Log	CPM	Data Log	CPM	Data Log	CPM	Data Log	CPM
1	1,676	51	2,006	101	2,370	151	2,049
2	2,112	52	1,936	102	2,418	152	2,056
3	2,019	53	1,955	103	2,033	153	2,005
4	2,213	54	2,035	104	1,983	154	2,241
5	2,087	55	1,946	105	1,983	155	2,347
6	1,997	56	1,930	106	1,984	156	2,342
7	2,025	57	2,050	107	2,052	157	2,509
8	1,904	58	2,060	108	2,058	158	2,788
9	1,908	59	2,083	109	2,159	159	2,758
10	1,816	60	1,891	110	2,164	160	2,511
11	2,121	61	1,840	111	2,023	161	2,679
12	2,233	62	1,895	112	2,335	162	2,738
13	2,094	63	1,864	113	2,365	163	2,191
14	2,255	64	1,900	114	2,358	164	2,314
15	2,041	65	1,960	115	2,476	165	2,126
16	2,057	66	1,928	116	2,364	166	2,026
17	2,110	67	1,886	117	2,200	167	2,009
18	2,059	68	1,860	118	2,146	168	2,127
19	1,887	69	1,550	119	2,182	169	2,276
20	2,066	70	1,581	120	1,990	170	2,495
21	2,331	71	1,738	121	2,292	171	2,288
22	2,091	72	1,877	122	2,036	172	2,632
23	2,236	73	1,979	123	2,045	173	2,296
24	2,115	74	1,992	124	2,234	174	2,235
25	2,027	75	1,938	125	2,250	175	2,200
26	2,029	76	2,079	126	2,192	176	2,296
27	2,133	77	2,115	127	2,202	177	2,188
28	2,325	78	1,967	128	2,361	178	2,258
29	2,356	79	1,897	129	2,406	179	2,103
30	2,269	80	2,051	130	2,290	180	2,052
31	2,288	81	1,925	131	2,186	181	2,005
32	2,189	82	1,802	132	2,185	182	2,149
33	1,979	83	1,932	133	2,227	183	2,041
34	2,204	84	2,134	134	2,240	184	2,036
35	2,199	85	2,023	135	2,209	185	1,986
36	2,079	86	1,897	136	2,119	186	2,039
37	2,082	87	1,938	137	2,048	187	1,958
38	1,942	88	2,043	138	1,993	188	1,998
39	1,925	89	2,040	139	1,835	189	2,060
40	1,740	90	1,968	140	1,993	190	2,313
41	1,868	91	2,422	141	2,021	191	2,400
42	1,826	92	2,426	142	1,938	192	2,519
43	1,844	93	2,263	143	2,119	193	2,172
44	1,931	94	2,167	144	2,276	194	2,041
45	2,096	95	2,122	145	2,405	195	2,188
46	1,976	96	2,076	146	2,404	196	2,521
47	1,981	97	2,285	147	2,389	197	2,369
48	2,030	98	2,417	148	2,197	198	2,533
49	1,943	99	2,478	149	2,070	199	2,414
50	1,850	100	2,521	150	2,325	200	2,362

Survey Unit CE-FSS-026-06
Gamma Walkover Survey
Instrument: Ludlum 2350-1 (175852) with 44-10 (15203)

Data Log	CPM	Data Log	CPM	Data Log	CPM	Data Log	CPM
201	2,348	251	1,834	301	1,823	351	2,235
202	2,535	252	1,948	302	1,889	352	2,328
203	2,325	253	1,970	303	1,984	353	2,645
204	2,455	254	2,070	304	2,086	354	2,765
205	2,275	255	1,953	305	1,868	355	2,400
206	2,345	256	2,021	306	1,968	356	2,342
207	2,378	257	2,111	307	2,058	357	2,510
208	2,026	258	2,249	308	2,217	358	2,334
209	1,979	259	2,232	309	1,878	359	2,494
210	2,118	260	2,102	310	1,665	360	2,207
211	2,795	261	2,181	311	1,485	361	2,441
212	2,704	262	1,911	312	1,461	362	2,700
213	3,081	263	1,911	313	1,526	363	2,153
214	3,065	264	1,885	314	1,634	364	2,081
215	2,847	265	2,130	315	1,543	365	2,145
216	2,907	266	2,300	316	1,814	366	2,032
217	2,984	267	2,348	317	1,871	367	1,890
218	2,801	268	2,019	318	1,943	368	2,150
219	2,658	269	1,930	319	2,029	369	2,536
220	2,892	270	2,045	320	2,103	370	2,356
221	2,524	271	2,172	321	2,059	371	2,194
222	2,201	272	1,807	322	2,032	372	2,389
223	2,041	273	1,865	323	2,292	373	2,117
224	2,198	274	1,692	324	2,341	374	2,190
225	2,075	275	1,630	325	2,345	375	2,086
226	2,207	276	1,516	326	2,113	376	2,341
227	2,447	277	1,368	327	1,785	377	2,202
228	2,766	278	1,481	328	1,759	378	2,128
229	2,426	279	1,459	329	1,751	379	2,251
230	2,712	280	1,543	330	1,728	380	2,097
231	2,553	281	1,536	331	1,560	381	2,021
232	2,308	282	1,527	332	1,926	382	2,213
233	2,251	283	1,568	333	2,249	383	2,235
234	2,056	284	1,771	334	2,334	384	2,002
235	2,168	285	1,703	335	2,344	385	1,909
236	2,298	286	1,721	336	2,363	386	1,679
237	2,353	287	1,740	337	2,297	387	1,528
238	2,220	288	1,842	338	2,301	388	1,655
239	2,259	289	1,812	339	2,353	389	1,836
240	2,103	290	1,849	340	2,390	390	1,921
241	2,202	291	1,935	341	2,494	391	1,987
242	2,270	292	1,993	342	2,352	392	2,166
243	2,100	293	2,102	343	2,407	393	2,306
244	2,386	294	2,055	344	2,462	394	2,412
245	2,152	295	2,125	345	2,537	395	2,286
246	2,051	296	2,328	346	2,228	396	2,628
247	1,819	297	2,150	347	2,276	397	2,784
248	1,844	298	2,078	348	2,509	398	2,370
249	1,708	299	2,043	349	2,563	399	2,284
250	1,823	300	1,839	350	2,426	400	2,327

Survey Unit CE-FSS-026-06
Gamma Walkover Survey
Instrument: Ludlum 2350-1 (175852) with 44-10 (15203)

Data Log	CPM	Data Log	CPM	Data Log	CPM	Data Log	CPM
401	2,204	451	2,647	501	2,505	551	2,460
402	2,213	452	2,721	502	2,069	552	2,431
403	2,094	453	2,642	503	2,141	553	2,183
404	2,141	454	2,615	504	2,321	554	2,536
405	2,293	455	2,563	505	2,429	555	2,294
406	2,373	456	2,370	506	2,430	556	2,374
407	2,410	457	2,192	507	2,628	557	2,148
408	2,328	458	2,383	508	2,526	558	1,954
409	2,526	459	2,401	509	2,459	559	2,018
410	2,490	460	2,153	510	2,230	560	1,919
411	2,541	461	2,086	511	2,370	561	1,666
412	2,340	462	2,093	512	2,347	562	1,686
413	2,566	463	2,197	513	2,343	563	1,702
414	2,549	464	2,102	514	2,242	564	1,672
415	2,676	465	824	515	2,100	565	1,997
416	2,358	466	1,316	516	2,342	566	1,981
417	2,561	467	1,583	517	1,992	567	1,979
418	2,346	468	1,676	518	2,131	568	2,041
419	2,340	469	1,756	519	2,390	569	1,594
420	2,250	470	1,911	520	2,325	570	1,531
421	2,703	471	1,938	521	2,196	571	1,590
422	2,774	472	1,964	522	2,086	572	1,505
423	2,616	473	2,052	523	1,892	573	1,501
424	2,873	474	2,071	524	2,126	574	1,714
425	2,708	475	1,872	525	2,127	575	1,626
426	2,756	476	1,815	526	2,033	576	1,666
427	2,563	477	1,770	527	1,986	577	1,694
428	2,638	478	1,906	528	1,929	578	1,684
429	2,639	479	1,957	529	2,019	579	2,014
430	2,673	480	1,769	530	2,302	580	1,956
431	2,414	481	1,819	531	2,378	581	1,997
432	2,457	482	1,711	532	2,123	582	2,061
433	2,242	483	1,853	533	2,519	583	1,946
434	2,355	484	1,879	534	2,574	584	1,818
435	2,747	485	1,851	535	2,844	585	1,812
436	3,065	486	1,814	536	2,361	586	1,785
437	3,015	487	1,808	537	2,400	587	1,911
438	2,585	488	1,821	538	2,388	588	1,915
439	2,806	489	1,918	539	2,293	589	1,799
440	3,127	490	1,968	540	2,141	590	1,810
441	2,600	491	1,971	541	2,201	591	1,794
442	2,308	492	1,876	542	2,191	592	1,781
443	2,490	493	1,915	543	2,016	593	1,768
444	2,442	494	1,883	544	1,971	594	1,824
445	2,461	495	1,967	545	1,975	595	2,044
446	2,501	496	2,172	546	2,082	596	2,078
447	2,326	497	2,242	547	2,130	597	1,904
448	2,509	498	2,225	548	2,126	598	1,989
449	2,599	499	2,518	549	2,104	599	2,017
450	2,677	500	2,331	550	2,405	600	2,096

Survey Unit CE-FSS-026-06
Gamma Walkover Survey
Instrument: Ludlum 2350-1 (175852) with 44-10 (15203)

Data Log	CPM	Data Log	CPM	Data Log	CPM	Data Log	CPM
601	2,104	651	2,865	701	2,589	751	1,902
602	2,037	652	2,828	702	2,388	752	1,939
603	2,166	653	2,969	703	2,381	753	1,890
604	2,120	654	2,659	704	2,277	754	1,979
605	2,081	655	2,761	705	2,760	755	2,024
606	2,135	656	2,792	706	2,398	756	2,089
607	2,134	657	2,506	707	2,700	757	2,485
608	1,903	658	2,508	708	2,636	758	2,270
609	1,958	659	2,366	709	2,560	759	2,277
610	2,082	660	2,647	710	2,626	760	2,388
611	2,307	661	2,608	711	2,625	761	2,317
612	2,105	662	2,506	712	2,665	762	2,209
613	2,228	663	2,476	713	2,409	763	2,153
614	2,226	664	2,435	714	2,432	764	2,635
615	2,141	665	2,354	715	2,387	765	2,421
616	2,008	666	2,450	716	2,356	766	2,477
617	1,950	667	2,619	717	2,496	767	2,571
618	1,938	668	2,629	718	2,367	768	2,698
619	2,013	669	2,614	719	2,453	769	2,366
620	2,040	670	2,904	720	2,554	770	2,665
621	2,004	671	3,073	721	2,725	771	2,561
622	1,882	672	3,000	722	2,384	772	2,524
623	1,905	673	2,651	723	2,537	773	2,370
624	1,777	674	2,963	724	2,817	774	2,197
625	1,900	675	2,909	725	2,278	775	2,174
626	1,906	676	2,720	726	2,393	776	2,138
627	1,826	677	2,692	727	2,243	777	2,297
628	1,772	678	2,572	728	2,478	778	2,005
629	1,759	679	2,696	729	2,407	779	1,908
630	1,782	680	2,930	730	2,213	780	1,629
631	1,871	681	2,922	731	2,377	781	1,730
632	1,931	682	2,899	732	2,468	782	2,030
633	2,022	683	2,567	733	2,584	783	1,982
634	1,834	684	2,692	734	2,415	784	2,165
635	1,669	685	2,664	735	2,338	785	2,003
636	1,739	686	2,642	736	2,390	786	1,923
637	1,714	687	2,847	737	2,319	787	1,959
638	1,665	688	2,735	738	2,277	788	1,689
639	1,646	689	2,496	739	2,120	789	1,635
640	1,766	690	2,426	740	2,022	790	1,463
641	2,079	691	2,311	741	2,276	791	1,610
642	2,321	692	2,746	742	2,630	792	1,453
643	2,133	693	2,878	743	2,410	793	1,710
644	2,331	694	2,408	744	2,100	794	1,709
645	2,385	695	2,321	745	2,173	795	1,843
646	2,610	696	2,242	746	2,498	796	1,823
647	2,615	697	1,999	747	2,294	797	1,676
648	2,404	698	1,996	748	2,214	798	1,897
649	2,657	699	2,558	749	2,256	799	2,048
650	2,588	700	2,664	750	2,005	800	2,350

Survey Unit CE-FSS-026-06
Gamma Walkover Survey
Instrument: Ludlum 2350-1 (175852) with 44-10 (15203)

Data Log	CPM
801	2,362
802	2,347
803	2,324
804	2,329
805	2,433
806	2,348
807	2,453
808	2,321
809	2,071
810	2,108
811	2,090
812	2,306
813	2,211
814	2,313
815	2,343
816	2,444
817	2,451
818	2,209
819	2,240
820	2,001
821	2,049
822	2,373
823	2,178
824	2,289
825	2,089
826	2,179
827	2,134
828	2,551
829	2,408
830	2,265
831	1,966
832	1,986
833	1,863
834	1,999
835	2,055
836	2,193
837	2,246
838	2,164
839	2,484
840	2,411
841	2,476
842	2,149
843	2,387
844	2,414
845	2,198
846	2,333
847	2,115
848	2,071
849	2,266
850	2,415

Data Log	CPM
851	2,498
852	2,236
853	2,379
854	2,340
855	2,167
856	2,241
857	2,150
858	2,216
859	2,112
860	2,335
861	2,425
862	2,177
863	2,381
864	2,363
865	2,481
866	2,167
867	2,197
868	2,213
869	2,068
870	2,132
871	1,953
872	2,172
873	2,017
874	2,041
875	2,251
876	2,246
877	2,108
878	2,129
879	2,345
880	2,099
881	2,239
882	2,279
883	2,380
884	2,389
885	2,378
886	2,326
887	2,375
888	2,052
889	2,144
890	2,253
891	2,400
892	2,489
893	2,164
894	2,127
895	2,395
896	2,449
897	2,290
898	2,203
899	2,301
900	2,250

Data Log	CPM
901	2,114
902	2,363
903	2,289

MACTEC, Inc.

CHAIN OF CUSTODY FORM Page 1 of 1

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
C-E Site FSS					
Address		Address		Address	
City/State/Zip		City/State/Zip		City/State/Zip	
Special Handling Instructions					

Sample ID No.	Date Collected	Time	Type[1]	Media	Volume	Description if necessary	Analysis: Gamma Spec					
FSS-CE-196	8/11/2006	9:10	RS	Soil	Pint	FSS Survey Unit 26-06 Location #1						
FSS-CE-197	8/11/2006	9:30	RS	Soil	Pint	FSS Survey Unit 26-06 Location #2						
FSS-CE-198	8/11/2006	9:45	RS	Soil	Pint	FSS Survey Unit 26-06 Location #3						
FSS-CE-199	8/11/2006	10:05	RS	Soil	Pint	FSS Survey Unit 26-06 Location #4						
FSS-CE-200	8/11/2006	10:05	RS	Soil	Pint	FSS Survey Unit 26-06 Location #4D						
FSS-CE-201	8/11/2006	10:30	RS	Soil	Pint	FSS Survey Unit 26-06 Location #5						
FSS-CE-202	8/11/2006	10:35	RS	Soil	Pint	FSS Survey Unit 26-06 Location #6						
FSS-CE-203	8/11/2006	10:50	RS	Soil	Pint	FSS Survey Unit 26-06 Location #7						
FSS-CE-204	8/11/2006	11:05	RS	Soil	Pint	FSS Survey Unit 26-06 Location #8						
FSS-CE-205	8/11/2006	11:15	RS	Soil	Pint	FSS Survey Unit 26-06 Location #9						
FSS-CE-206	8/11/2006	11:20	RS	Soil	Pint	FSS Survey Unit 26-06 Location #10						
FSS-CE-207	8/11/2006	11:30	RS	Soil	Pint	FSS Survey Unit 26-06 Location #11						
FSS-CE-208	8/11/2006	11:35	RS	Soil	Pint	FSS Survey Unit 26-06 Location #12						
FSS-CE-209	8/11/2006	11:55	RS	Soil	Pint	FSS Survey Unit 26-06 Location #13						
FSS-CE-210	8/11/2006	12:10	RS	Soil	Pint	FSS Survey Unit 26-06 Location #14						
FSS-CE-211	8/11/2006	12:10	RS	Soil	Pint	FSS Survey Unit 26-06 Location #14D						

Relinquished By:	[signature]	Relinquished By:	
Date/Time:	8/11/2006 1230	Date/Time:	
Received By:	[signature]	Received By:	
Date/Time:	8/11/06 1230	Date/Time:	

[1]Type
RS-Radioactive
Chem-Chemical
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: FSS-CE-196
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 7.345E+002 g
Sample Taken On: 8/11/2006 9:10:00 AM
Acquisition Started: 8/21/2006 1:46:14 PM
Live Time: 900.0 seconds
Real Time: 901.4 seconds
Dead Time: 0.16 %
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	1.97E+001	8.08E+000	1.89E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			2.48E-004	7.70E-002	1.51E-001
CO-57	NOT FOUND/DATA for 122.06 keV			-8.03E-002	8.08E-002	1.24E-001
CO-60	NOT FOUND/DATA for 1173.24 keV			4.27E-002	9.45E-002	1.90E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			5.05E-002	1.99E-001	3.71E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			4.49E-002	8.27E-002	1.71E-001
SB-125	NOT FOUND/DATA for 427.89 keV			-7.83E-003	2.11E-001	3.79E-001
CS-134	NOT FOUND/DATA for 604.70 keV			-4.84E-003	6.42E-002	1.13E-001
CS-137	NOT FOUND/DATA for 661.66 keV			-2.07E-002	8.46E-002	1.56E-001
TL-208	2.26E-001	2.91E-001	1.67E-001	FOUND		
PB-212	7.81E-001	1.79E-001	3.69E-001	FOUND		
BI-214	NOT FOUND/DATA for 609.31 keV			4.66E-001	2.22E-001	4.94E-001
PB-214	NOT FOUND/DATA for 351.92 keV			3.65E-001	2.33E-001	4.69E-001
RA-226	NOT FOUND/DATA for 186.10 keV			2.10E+000	1.80E+000	3.52E+000
AC-228	NOT FOUND/DATA for 911.21 keV			6.49E-001	4.38E-001	9.75E-001
TH-230	NOT FOUND/DATA for 67.67 keV			8.79E+000	3.05E+001	5.74E+001
PA-231	NOT FOUND/DATA for 300.02 keV			-2.04E+000	3.01E+000	4.50E+000
PA-234	NOT FOUND/DATA for 131.20 keV			-2.15E-001	3.67E-001	5.36E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			1.73E+001	1.62E+001	3.60E+001
TH-234	NOT FOUND/DATA for 92.60 keV			6.39E-001	1.49E+000	2.61E+000
U-234	NOT FOUND/DATA for 53.20 keV			3.02E+001	2.82E+002	5.27E+002
U-235	NOT FOUND/DATA for 185.71 keV			9.05E-002	1.11E-001	2.12E-001
U-238	NOT FOUND/DATA for 92.60 keV			6.39E-001	1.49E+000	2.61E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-3.40E-001	5.25E-001	8.74E-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: FSS-CE-197
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 5.666E+002 g
Sample Taken On: 8/11/2006 9:30:00 AM
Acquisition Started: 8/21/2006 2:53:06 PM
Live Time: 900.0 seconds
Real Time: 901.3 seconds
Dead Time: 0.15 %
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	2.04E+001	3.44E+000	2.50E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			9.77E-002	9.83E-002	2.26E-001
CO-57	NOT FOUND/DATA for 122.06 keV			-5.43E-002	1.05E-001	1.72E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			2.96E-002	9.46E-002	2.17E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-2.29E-001	2.99E-001	3.62E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-9.46E-002	1.45E-001	1.86E-001
SB-125	NOT FOUND/DATA for 427.89 keV			-1.84E-001	3.18E-001	5.48E-001
CS-134	NOT FOUND/DATA for 604.70 keV			-6.96E-002	1.09E-001	1.77E-001
CS-137	NOT FOUND/DATA for 661.66 keV			3.22E-001	1.84E-001	3.89E-001
TL-208	1.93E-001	1.04E-001	1.88E-001	FOUND		
PB-212	7.31E-001	2.05E-001	4.10E-001	FOUND		
BI-214	7.21E-001	2.80E-001	4.60E-001	FOUND		
PB-214	6.76E-001	2.53E-001	4.70E-001	FOUND		
RA-226	9.96E+000	2.64E+000	4.68E+000	FOUND		
AC-228	NOT FOUND/DATA for 338.32 keV			3.99E-001	7.34E-001	1.43E+000
TH-230	NOT FOUND/DATA for 67.67 keV			1.02E+001	4.55E+001	8.41E+001
PA-231	NOT FOUND/DATA for 300.02 keV			2.65E+000	3.34E+000	6.16E+000
PA-234	NOT FOUND/DATA for 131.20 keV			-9.42E-002	4.40E-001	7.20E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			1.38E+001	1.67E+001	3.71E+001
TH-234	NOT FOUND/DATA for 92.60 keV			3.57E+000	2.01E+000	3.84E+000
U-234	NOT FOUND/DATA for 53.20 keV			-1.18E+002	3.09E+002	5.52E+002
U-235	6.06E-001	1.61E-001	2.85E-001	FOUND		
U-238	NOT FOUND/DATA for 92.60 keV			3.57E+000	2.01E+000	3.84E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-2.40E-001	7.78E-001	1.35E+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-CE-197R
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 5.666E+002 g
Sample Taken On: 8/11/2006 9:30:00 AM
Acquisition Started: 8/23/2006 1:52:12 PM
Live Time: 1800.0 seconds
Real Time: 1802.8 seconds
Dead Time: 0.15 %
Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	UNIDENTIFIED RADIONUCLIDES Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.94E+001	5.31E+000	1.41E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			6.97E-002	6.77E-002	1.44E-001
CO-57	NOT FOUND/DATA for 122.06 keV			-1.47E-002	7.60E-002	1.25E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			3.81E-002	7.34E-002	1.55E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-1.16E-001	2.15E-001	2.96E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-2.07E-002	7.69E-002	1.36E-001
SB-125	NOT FOUND/DATA for 427.89 keV			-1.63E-001	1.76E-001	2.90E-001
CS-134	NOT FOUND/DATA for 604.70 keV			-9.61E-002	6.76E-002	9.87E-002
CS-137	4.15E-001	3.14E-001	1.66E-001	FOUND		
TL-208	5.11E-001	3.77E-001	1.44E-001	FOUND		
PB-212	8.70E-001	4.42E-001	3.05E-001	FOUND		
BI-214	8.04E-001	6.02E-001	3.43E-001	FOUND		
PB-214	7.11E-001	7.04E-001	3.82E-001	FOUND		
RA-226	NOT FOUND/DATA for 186.10 keV			9.99E+000	1.85E+000	4.10E+000
AC-228	NOT FOUND/DATA for 911.21 keV			1.17E+000	4.00E-001	9.01E-001
TH-230	NOT FOUND/DATA for 67.67 keV			-3.09E+001	2.71E+001	4.41E+001
PA-231	NOT FOUND/DATA for 300.02 keV			-1.64E+000	2.57E+000	4.01E+000
PA-234	NOT FOUND/DATA for 98.44 keV			-7.47E-002	3.03E-001	4.92E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			-6.49E-001	1.20E+001	2.27E+001
TH-234	NOT FOUND/DATA for 92.60 keV			2.34E+000	1.39E+000	2.52E+000
U-234	NOT FOUND/DATA for 53.20 keV			9.32E+001	2.60E+002	4.80E+002
U-235	6.37E-001	1.10E-001	2.50E-001	FOUND		
U-238	NOT FOUND/DATA for 92.60 keV			2.34E+000	1.38E+000	2.52E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-3.49E-001	4.83E-001	8.14E-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: FSS-CE-198
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 6.146E+002 g
Sample Taken On: 8/11/2006 9:45:00 AM
Acquisition Started: 8/21/2006 4:12:35 PM
Live Time: 900.0 seconds
Real Time: 901.3 seconds
Dead Time: 0.15 %
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	2.05E+001	9.56E+000	2.03E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			9.77E-002	9.34E-002	2.15E-001
CO-57	NOT FOUND/DATA for 122.06 keV			-2.31E-002	9.40E-002	1.56E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			5.48E-002	9.63E-002	2.25E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-1.68E-001	2.32E-001	3.59E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-6.33E-002	1.18E-001	1.78E-001
SB-125	NOT FOUND/DATA for 427.89 keV			4.94E-002	2.31E-001	4.53E-001
CS-134	NOT FOUND/DATA for 604.70 keV			6.17E-004	8.74E-002	1.68E-001
CS-137	2.95E-001	1.22E-001	1.83E-001	FOUND		
TL-208	2.84E-001	1.11E-001	1.79E-001	FOUND		
PB-212	4.48E-001	4.74E-002	3.85E-001	FOUND		
BI-214	3.40E-001	8.35E-001	3.65E-001	FOUND		
PB-214	NOT FOUND/DATA for 351.92 keV			7.28E-001	2.95E-001	6.27E-001
RA-226	NOT FOUND/DATA for 186.10 keV			1.90E+000	1.93E+000	3.70E+000
AC-228	NOT FOUND/DATA for 911.21 keV			6.59E-001	4.25E-001	9.99E-001
TH-230	NOT FOUND/DATA for 67.67 keV			6.13E+000	3.44E+001	6.40E+001
PA-231	NOT FOUND/DATA for 300.02 keV			-7.05E-001	3.38E+000	5.75E+000
PA-234	NOT FOUND/DATA for 98.44 keV			-2.00E-001	4.01E-001	6.38E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			-3.31E+000	1.95E+001	3.56E+001
TH-234	NOT FOUND/DATA for 92.60 keV			-1.20E+000	1.72E+000	2.70E+000
U-234	NOT FOUND/DATA for 53.20 keV			-5.53E+001	3.20E+002	5.82E+002
U-235	NOT FOUND/DATA for 185.71 keV			-4.19E-002	1.14E-001	2.02E-001
U-238	NOT FOUND/DATA for 92.60 keV			-1.20E+000	1.72E+000	2.70E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-2.79E-001	5.86E-001	1.01E+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-CE-199
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 6.940E+002 g
Sample Taken On: 8/11/2006 10:05:00 AM
Acquisition Started: 8/21/2006 4:39:59 PM
Live Time: 900.0 seconds
Real Time: 901.5 seconds
Dead Time: 0.17 %
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	2.53E+001	8.26E+000	2.22E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			2.88E-002	8.78E-002	1.73E-001
CO-57	NOT FOUND/DATA for 122.06 keV			3.75E-002	8.65E-002	1.52E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			6.05E-002	8.91E-002	2.09E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-2.04E-001	3.12E-001	3.38E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-2.04E-002	1.05E-001	1.72E-001
SB-125	NOT FOUND/DATA for 427.89 keV			-1.22E-001	2.30E-001	4.02E-001
CS-134	NOT FOUND/DATA for 604.70 keV			1.27E-002	8.51E-002	1.65E-001
CS-137	NOT FOUND/DATA for 661.66 keV			1.97E-001	1.30E-001	2.79E-001
TL-208	3.59E-001	3.41E-001	1.78E-001	FOUND		
PB-212	6.31E-001	1.78E-001	4.10E-001	FOUND		
BI-214	7.02E-001	6.35E-001	3.08E-001	FOUND		
PB-214	7.37E-001	1.99E-001	3.63E-001	FOUND		
RA-226	NOT FOUND/DATA for 186.10 keV			2.01E+000	2.01E+000	3.86E+000
AC-228	NOT FOUND/DATA for 911.21 keV			5.97E-001	4.62E-001	9.85E-001
TH-230	NOT FOUND/DATA for 67.67 keV			6.43E+000	3.64E+001	6.75E+001
PA-231	NOT FOUND/DATA for 300.02 keV			-4.14E-002	3.15E+000	5.40E+000
PA-234	NOT FOUND/DATA for 98.44 keV			-4.80E-003	3.40E-001	5.77E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			2.72E-001	1.69E+001	3.28E+001
TH-234	NOT FOUND/DATA for 92.60 keV			1.94E+000	1.65E+000	3.04E+000
U-234	NOT FOUND/DATA for 53.20 keV			-9.71E+000	3.05E+002	5.65E+002
U-235	NOT FOUND/DATA for 185.71 keV			-1.23E-002	1.22E-001	2.18E-001
U-238	NOT FOUND/DATA for 92.60 keV			1.94E+000	1.65E+000	3.04E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-6.99E-002	5.62E-001	1.02E+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: CE-FSS-200
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 6.740E+002 g
Sample Taken On: 8/11/2006 10:05:00 AM
Acquisition Started: 8/22/2006 8:18:28 AM
Live Time: 900.0 seconds
Real Time: 901.4 seconds
Dead Time: 0.16 %
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	2.39E+001	9.87E+000	2.02E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			-1.26E-002	6.92E-002	1.33E-001
CO-57	NOT FOUND/DATA for 122.06 keV			1.39E-002	9.30E-002	1.60E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			-8.62E-004	8.65E-002	1.70E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-1.29E-001	2.25E-001	3.69E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			1.69E-002	8.70E-002	1.73E-001
SB-125	NOT FOUND/DATA for 427.89 keV			-5.43E-002	2.28E-001	4.14E-001
CS-134	NOT FOUND/DATA for 604.70 keV			6.64E-003	9.09E-002	1.62E-001
CS-137	NOT FOUND/DATA for 661.66 keV			1.10E-001	1.00E-001	2.17E-001
TL-208	4.30E-001	1.32E-001	2.30E-001	FOUND		
PB-212	1.25E+000	5.13E-001	3.82E-001	FOUND		
BI-214	1.14E+000	5.06E-001	3.17E-001	FOUND		
PB-214	8.86E-001	6.31E-001	4.25E-001	FOUND		
RA-226	NOT FOUND/DATA for 186.10 keV			5.09E-001	2.06E+000	3.78E+000
AC-228	NOT FOUND/DATA for 911.21 keV			1.17E+000	4.97E-001	1.17E+000
TH-230	NOT FOUND/DATA for 67.67 keV			-4.69E+001	3.61E+001	5.62E+001
PA-231	NOT FOUND/DATA for 300.02 keV			1.64E+000	3.25E+000	5.81E+000
PA-234	NOT FOUND/DATA for 98.44 keV			8.56E-002	3.54E-001	6.14E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			7.84E+000	1.40E+001	3.12E+001
TH-234	NOT FOUND/DATA for 92.60 keV			1.07E+000	1.74E+000	3.07E+000
U-234	NOT FOUND/DATA for 53.20 keV			1.87E+001	3.00E+002	5.60E+002
U-235	NOT FOUND/DATA for 185.71 keV			4.03E-002	1.27E-001	2.34E-001
U-238	NOT FOUND/DATA for 92.60 keV			1.07E+000	1.74E+000	3.07E+000
AM-241	NOT FOUND/DATA for 59.54 keV			8.97E-002	5.96E-001	1.11E+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: CE-FSS-201
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 4.860E+002 g
Sample Taken On: 8/11/2006 10:30:00 AM
Acquisition Started: 8/22/2006 8:38:29 AM
Live Time: 900.0 seconds
Real Time: 901.4 seconds
Dead Time: 0.16 %
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	2.41E+001	1.14E+001	3.09E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			7.86E-002	1.18E-001	2.56E-001
CO-57	NOT FOUND/DATA for 122.06 keV			2.00E-002	1.30E-001	2.21E-001
CO-60	NOT FOUND/DATA for 1173.24 keV			1.07E-002	1.35E-001	2.74E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-1.58E-001	3.09E-001	5.11E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-1.28E-001	1.75E-001	2.53E-001
SB-125	NOT FOUND/DATA for 427.89 keV			6.74E-002	3.24E-001	6.27E-001
CS-134	NOT FOUND/DATA for 604.70 keV			1.43E-002	1.12E-001	2.18E-001
CS-137	8.35E-001	6.32E-001	2.76E-001	FOUND		
TL-208	3.78E-001	1.57E-001	2.50E-001	FOUND		
PB-212	1.15E+000	7.68E-001	5.05E-001	FOUND		
BI-214	8.73E-001	3.10E-001	5.09E-001	FOUND		
PB-214	NOT FOUND/DATA for 351.92 keV			8.63E-001	3.33E-001	7.30E-001
RA-226	NOT FOUND/DATA for 186.10 keV			2.69E+000	2.70E+000	5.25E+000
AC-228	NOT FOUND/DATA for 911.21 keV			1.13E+000	6.49E-001	1.47E+000
TH-230	NOT FOUND/DATA for 67.67 keV			6.53E-001	4.34E+001	8.10E+001
PA-231	NOT FOUND/DATA for 300.02 keV			-7.84E-001	4.07E+000	6.99E+000
PA-234	NOT FOUND/DATA for 98.44 keV			-3.21E-002	4.53E-001	7.71E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			-5.80E+000	2.14E+001	3.50E+001
TH-234	NOT FOUND/DATA for 92.60 keV			-3.97E-001	2.35E+000	3.93E+000
U-234	NOT FOUND/DATA for 53.20 keV			5.20E+001	4.27E+002	7.87E+002
U-235	NOT FOUND/DATA for 185.71 keV			9.96E-002	1.64E-001	3.11E-001
U-238	NOT FOUND/DATA for 92.60 keV			-3.97E-001	2.35E+000	3.93E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-1.96E-001	7.15E-001	1.30E+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 *****
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Site Location: CE Windsor
Sample ID: CE-FSS-202
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 4.712E+002 g
Sample Taken On: 8/11/2006 10:35:00 AM
Acquisition Started: 8/22/2006 8:56:33 AM
Live Time: 900.0 seconds
Real Time: 901.3 seconds
Dead Time: 0.15 %
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	2.49E+001	1.26E+001	2.20E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			1.02E-001	1.33E-001	2.88E-001
CO-57	NOT FOUND/DATA for 122.06 keV			4.31E-002	1.18E-001	2.05E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			-9.25E-003	7.79E-002	1.72E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-1.91E-001	2.72E-001	3.99E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-5.22E-002	1.45E-001	2.61E-001
SB-125	NOT FOUND/DATA for 427.89 keV			5.13E-002	3.51E-001	5.92E-001
CS-134	NOT FOUND/DATA for 604.70 keV			-1.91E-002	1.20E-001	2.19E-001
CS-137	3.07E-001	1.46E-001	2.48E-001	FOUND		
TL-208	NOT FOUND/DATA for 583.19 keV			2.23E-001	1.74E-001	3.64E-001
PB-212	1.40E+000	6.90E-001	5.39E-001	FOUND		
BI-214	8.37E-001	5.85E-001	5.68E-001	FOUND		
PB-214	6.45E-001	2.99E-001	5.94E-001	FOUND		
RA-226	NOT FOUND/DATA for 186.10 keV			2.30E+000	2.85E+000	5.45E+000
AC-228	NOT FOUND/DATA for 911.21 keV			1.32E+000	6.74E-001	1.56E+000
TH-230	NOT FOUND/DATA for 67.67 keV			-3.25E+000	4.71E+001	8.66E+001
PA-231	NOT FOUND/DATA for 300.02 keV			3.50E+000	4.73E+000	8.39E+000
PA-234	NOT FOUND/DATA for 98.44 keV			-3.29E-001	5.35E-001	8.32E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			2.14E+001	2.68E+001	5.61E+001
TH-234	NOT FOUND/DATA for 92.60 keV			2.11E-001	2.18E+000	3.68E+000
U-234	NOT FOUND/DATA for 53.20 keV			-2.24E+002	4.42E+002	7.48E+002
U-235	NOT FOUND/DATA for 185.71 keV			1.97E-001	1.72E-001	3.35E-001
U-238	NOT FOUND/DATA for 92.60 keV			2.11E-001	2.18E+000	3.68E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-3.54E-001	8.23E-001	1.44E+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 *****
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Site Location: CE Windsor
Sample ID: CE-FSS-203
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 5.739E+002 g
Sample Taken On: 8/11/2006 10:50:00 AM
Acquisition Started: 8/22/2006 9:13:31 AM
Live Time: 900.0 seconds
Real Time: 901.3 seconds
Dead Time: 0.15 %
Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	UNIDENTIFIED RADIONUCLIDES Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.45E+001	1.33E+001	3.10E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			-4.95E-002	1.16E-001	1.94E-001
CO-57	NOT FOUND/DATA for 122.06 keV			-1.25E-002	1.15E-001	1.93E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			6.36E-002	1.11E-001	2.53E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-1.94E-001	2.82E-001	4.10E-001
AG-110m	NOT FOUND/DATA for 884.68 keV			-1.61E-003	1.02E-001	2.11E-001
SB-125	NOT FOUND/DATA for 427.89 keV			8.19E-002	2.69E-001	5.09E-001
CS-134	NOT FOUND/DATA for 604.70 keV			1.85E-002	1.12E-001	2.08E-001
CS-137	NOT FOUND/DATA for 661.66 keV			1.67E-001	1.48E-001	3.08E-001
TL-208	NOT FOUND/DATA for 583.19 keV			4.02E-001	1.72E-001	3.73E-001
PB-212	NOT FOUND/DATA for 238.63 keV			9.76E-001	2.75E-001	5.70E-001
BI-214	1.16E+000	3.00E-001	4.24E-001	FOUND		
PB-214	1.00E+000	3.94E-001	4.56E-001	FOUND		
RA-226	2.89E+000	2.32E+000	4.36E+000	FOUND		
AC-228	9.91E-001	3.90E-001	9.49E-001	FOUND		
TH-230	NOT FOUND/DATA for 67.67 keV			5.45E+000	4.04E+001	7.27E+001
PA-231	NOT FOUND/DATA for 300.02 keV			2.73E+000	3.78E+000	6.82E+000
PA-234	NOT FOUND/DATA for 98.44 keV			-9.27E-002	4.24E-001	7.07E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			-6.71E+000	1.77E+001	2.97E+001
TH-234	NOT FOUND/DATA for 92.60 keV			3.28E+000	2.03E+000	3.83E+000
U-234	NOT FOUND/DATA for 53.20 keV			2.47E+001	3.72E+002	6.92E+002
U-235	1.76E-001	1.41E-001	2.66E-001	FOUND		
U-238	NOT FOUND/DATA for 92.60 keV			3.28E+000	2.03E+000	3.83E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-1.59E-001	6.48E-001	1.17E+000

Uncertainty reported at 2.0 sigma

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***** C E R T I F I C A T E O F A N A L Y S I S *****
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Site Location: CE Windsor
Sample ID: FSS-CE-203R
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 5.739E+002 g
Sample Taken On: 8/11/2006 10:50:00 AM
Acquisition Started: 8/23/2006 2:09:50 PM
Live Time: 1800.0 seconds
Real Time: 1802.8 seconds
Dead Time: 0.16 %
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	2.63E+001	6.57E+000	1.40E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			8.43E-002	7.04E-002	1.50E-001
CO-57	NOT FOUND/DATA for 122.06 keV			1.89E-003	7.43E-002	1.24E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			3.06E-002	6.36E-002	1.38E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-8.29E-002	2.13E-001	3.00E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-1.15E-001	9.59E-002	1.25E-001
SB-125	NOT FOUND/DATA for 427.89 keV			2.10E-001	1.97E-001	3.93E-001
CS-134	NOT FOUND/DATA for 604.70 keV			-3.14E-002	6.79E-002	1.17E-001
CS-137	3.95E-001	3.72E-001	1.98E-001	FOUND		
TL-208	4.99E-001	3.29E-001	1.64E-001	FOUND		
PB-212	1.43E+000	4.67E-001	3.22E-001	FOUND		
BI-214	9.61E-001	3.35E-001	3.34E-001	FOUND		
PB-214	8.68E-001	6.02E-001	4.23E-001	FOUND		
RA-226	NOT FOUND/DATA for 186.10 keV			2.95E+000	1.74E+000	3.32E+000
AC-228	1.28E+000	2.79E-001	6.20E-001	FOUND		
TH-230	NOT FOUND/DATA for 67.67 keV			9.66E+000	2.70E+001	4.93E+001
PA-231	NOT FOUND/DATA for 300.02 keV			-3.97E-001	2.56E+000	4.30E+000
PA-234	NOT FOUND/DATA for 131.20 keV			-1.23E-001	3.20E-001	5.04E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			-7.37E+000	1.16E+001	1.98E+001
TH-234	NOT FOUND/DATA for 92.60 keV			2.03E+000	1.42E+000	2.53E+000
U-234	NOT FOUND/DATA for 53.20 keV			-9.25E+001	2.61E+002	4.50E+002
U-235	NOT FOUND/DATA for 185.71 keV			1.91E-001	1.07E-001	2.03E-001
U-238	NOT FOUND/DATA for 92.60 keV			2.03E+000	1.41E+000	2.53E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-2.10E-001	4.82E-001	8.43E-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: CE-FSS-204
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 4.347E+002 g
Sample Taken On: 8/11/2006 11:05:00 AM
Acquisition Started: 8/22/2006 10:04:21 AM
Live Time: 900.0 seconds
Real Time: 901.4 seconds
Dead Time: 0.15 %
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	2.30E+001	1.20E+001	3.92E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			-8.26E-002	1.25E-001	1.92E-001
CO-57	NOT FOUND/DATA for 122.06 keV			-1.07E-001	1.42E-001	2.26E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			1.31E-001	1.10E-001	3.01E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-4.52E-001	3.32E-001	3.88E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-1.81E-001	2.09E-001	1.82E-001
SB-125	NOT FOUND/DATA for 427.89 keV			1.16E-001	3.58E-001	7.01E-001
CS-134	NOT FOUND/DATA for 604.70 keV			1.19E-002	1.27E-001	2.37E-001
CS-137	6.07E-001	4.13E-001	2.46E-001	FOUND		
TL-208	NOT FOUND/DATA for 583.19 keV			2.57E-001	1.64E-001	3.64E-001
PB-212	1.11E+000	6.84E-001	5.66E-001	FOUND		
BI-214	7.10E-001	7.68E-002	4.32E-001	FOUND		
PB-214	NOT FOUND/DATA for 351.92 keV			4.53E-001	3.52E-001	7.19E-001
RA-226	NOT FOUND/DATA for 186.10 keV			2.94E+000	3.11E+000	5.98E+000
AC-228	NOT FOUND/DATA for 911.21 keV			1.07E+000	6.98E-001	1.57E+000
TH-230	NOT FOUND/DATA for 67.67 keV			-3.34E+001	4.96E+001	8.35E+001
PA-231	NOT FOUND/DATA for 300.02 keV			5.24E+000	4.94E+000	8.82E+000
PA-234	NOT FOUND/DATA for 131.20 keV			-6.59E-002	5.78E-001	9.50E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			-7.99E+000	1.51E+001	2.58E+001
TH-234	NOT FOUND/DATA for 92.60 keV			2.13E+000	2.31E+000	4.21E+000
U-234	NOT FOUND/DATA for 53.20 keV			-1.06E+002	4.79E+002	8.58E+002
U-235	NOT FOUND/DATA for 185.71 keV			1.64E-001	1.90E-001	3.64E-001
U-238	NOT FOUND/DATA for 92.60 keV			2.13E+000	2.31E+000	4.21E+000
AM-241	NOT FOUND/DATA for 59.54 keV			7.39E-001	8.56E-001	1.70E+000

Uncertainty reported at 2.0 sigma

CERTIFICATE OF ANALYSIS

Site Location: CE Windsor
Sample ID: CE-FSS-205
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 4.900E+002 g
Sample Taken On: 8/22/2006 11:15:00 AM
Acquisition Started: 8/22/2006 3:46:21 PM
Live Time: 900.0 seconds
Real Time: 901.3 seconds
Dead Time: 0.15 %
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	2.51E+001	1.12E+001	2.46E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			2.01E-002	1.08E-001	2.21E-001
CO-57	NOT FOUND/DATA for 122.06 keV			-4.49E-002	1.27E-001	2.06E-001
CO-60	NOT FOUND/DATA for 1173.24 keV			-8.50E-002	1.46E-001	2.13E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			2.29E-001	2.58E-001	5.84E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-2.07E-001	1.52E-001	1.94E-001
SB-125	NOT FOUND/DATA for 427.89 keV			1.57E-001	3.06E-001	6.17E-001
CS-134	NOT FOUND/DATA for 604.70 keV			-5.49E-002	1.36E-001	1.89E-001
CS-137	6.66E-001	1.88E-001	2.35E-001	FOUND		
TL-208	4.01E-001	1.51E-001	2.79E-001	FOUND		
PB-212	9.72E-001	2.60E-001	5.75E-001	FOUND		
BI-214	9.18E-001	9.28E-001	4.84E-001	FOUND		
PB-214	9.31E-001	4.03E-001	5.17E-001	FOUND		
RA-226	NOT FOUND/DATA for 186.10 keV			2.69E+000	2.95E+000	5.62E+000
AC-228	NOT FOUND/DATA for 911.21 keV			1.12E+000	6.55E-001	1.48E+000
TH-230	NOT FOUND/DATA for 67.67 keV			-2.36E+001	4.90E+001	8.32E+001
PA-231	NOT FOUND/DATA for 283.67 keV			-7.64E+000	7.26E+000	8.99E+000
PA-234	NOT FOUND/DATA for 883.24 keV			-2.43E-001	5.34E-001	9.50E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			-1.54E+000	1.77E+001	3.23E+001
TH-234	NOT FOUND/DATA for 92.60 keV			1.09E+000	2.46E+000	4.28E+000
U-234	NOT FOUND/DATA for 53.20 keV			2.29E+002	4.50E+002	8.56E+002
U-235	NOT FOUND/DATA for 185.71 keV			1.88E-002	1.81E-001	3.26E-001
U-238	NOT FOUND/DATA for 92.60 keV			1.09E+000	2.46E+000	4.28E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-1.17E-001	7.56E-001	1.37E+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 *****
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Site Location: CE Windsor
Sample ID: CE-FSS-206
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 4.450E+002 g
Sample Taken On: 8/22/2006 11:20:00 AM
Acquisition Started: 8/22/2006 5:05:54 PM
Live Time: 900.0 seconds
Real Time: 901.4 seconds
Dead Time: 0.16 %
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	3.19E+001	4.91E+000	2.92E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			4.87E-002	1.33E-001	2.73E-001
CO-57	NOT FOUND/DATA for 122.06 keV			5.18E-002	1.51E-001	2.60E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			8.13E-003	1.18E-001	2.34E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			1.54E-001	3.04E-001	6.43E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-1.10E-001	1.48E-001	2.22E-001
SB-125	NOT FOUND/DATA for 427.89 keV			3.76E-001	3.32E-001	7.20E-001
CS-134	NOT FOUND/DATA for 604.70 keV			1.05E-002	1.34E-001	2.55E-001
CS-137	4.64E-001	6.00E-001	3.23E-001	FOUND		
TL-208	4.74E-001	6.53E-001	2.91E-001	FOUND		
PB-212	1.29E+000	3.16E-001	5.72E-001	FOUND		
BI-214	9.62E-001	3.53E-001	6.52E-001	FOUND		
PB-214	7.54E-001	3.06E-001	5.79E-001	FOUND		
RA-226	NOT FOUND/DATA for 186.10 keV			2.55E+000	2.89E+000	5.58E+000
AC-228	NOT FOUND/DATA for 911.21 keV			1.45E+000	7.58E-001	1.72E+000
TH-230	NOT FOUND/DATA for 67.67 keV			4.24E+001	5.08E+001	1.01E+002
PA-231	NOT FOUND/DATA for 300.02 keV			-1.58E+000	5.11E+000	8.52E+000
PA-234	NOT FOUND/DATA for 98.44 keV			-1.26E-001	5.51E-001	9.06E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			7.26E+000	2.62E+001	5.29E+001
TH-234	NOT FOUND/DATA for 92.60 keV			1.57E+000	2.61E+000	4.63E+000
U-234	NOT FOUND/DATA for 53.20 keV			8.50E+000	4.83E+002	8.81E+002
U-235	NOT FOUND/DATA for 185.71 keV			9.73E-002	1.75E-001	3.30E-001
U-238	NOT FOUND/DATA for 92.60 keV			1.57E+000	2.61E+000	4.63E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-1.30E-001	8.46E-001	1.53E+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 *****
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Site Location: CE Windsor
Sample ID: FSS-CE-207
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 5.184E+002 g
Sample Taken On: 8/11/2006 11:30:00 AM
Acquisition Started: 8/23/2006 8:46:27 AM
Live Time: 900.0 seconds
Real Time: 901.4 seconds
Dead Time: 0.15 %
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	1.20E+001	2.87E+000	2.81E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			-4.53E-003	9.31E-002	1.85E-001
CO-57	NOT FOUND/DATA for 122.06 keV			4.31E-002	1.12E-001	1.96E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			4.30E-002	1.33E-001	2.80E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-2.05E-001	2.23E-001	2.23E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-4.63E-002	1.34E-001	2.04E-001
SB-125	NOT FOUND/DATA for 427.89 keV			-1.45E-001	2.81E-001	4.97E-001
CS-134	NOT FOUND/DATA for 795.84 keV			-8.65E-002	1.25E-001	2.06E-001
CS-137	NOT FOUND/DATA for 661.66 keV			1.94E-001	1.87E-001	3.77E-001
TL-208	NOT FOUND/DATA for 583.19 keV			1.90E-001	1.45E-001	3.10E-001
PB-212	NOT FOUND/DATA for 238.63 keV			2.69E-001	1.98E-001	4.00E-001
BI-214	6.37E-001	2.52E-001	4.12E-001	FOUND		
PB-214	3.61E-001	6.57E-001	4.15E-001	FOUND		
RA-226	NOT FOUND/DATA for 186.10 keV			3.44E+000	2.30E+000	4.66E+000
AC-228	NOT FOUND/DATA for 911.21 keV			6.82E-001	5.34E-001	1.21E+000
TH-230	NOT FOUND/DATA for 67.67 keV			6.55E+000	3.90E+001	7.30E+001
PA-231	NOT FOUND/DATA for 300.02 keV			3.83E+000	3.78E+000	6.90E+000
PA-234	NOT FOUND/DATA for 98.44 keV			-1.02E-001	4.39E-001	7.34E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			5.24E+000	1.81E+001	3.70E+001
TH-234	NOT FOUND/DATA for 92.60 keV			1.49E+000	1.96E+000	3.53E+000
U-234	NOT FOUND/DATA for 53.20 keV			-1.87E+000	3.71E+002	6.69E+002
U-235	NOT FOUND/DATA for 185.71 keV			1.09E-001	1.41E-001	2.71E-001
U-238	NOT FOUND/DATA for 92.60 keV			1.49E+000	1.96E+000	3.53E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-1.94E-001	6.50E-001	1.18E+000

Uncertainty reported at 2.0 sigma

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***** C E R T I F I C A T E O F A N A L Y S I S *****
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Site Location: CE Windsor
Sample ID: FSS-CE-208
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 4.869E+002 g
Sample Taken On: 8/11/2006 11:35:00 AM
Acquisition Started: 8/23/2006 9:08:02 AM
Live Time: 900.0 seconds
Real Time: 901.5 seconds
Dead Time: 0.16 %
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	2.17E+001	3.01E+000	1.85E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			-2.01E-002	1.17E-001	1.97E-001
CO-57	NOT FOUND/DATA for 122.06 keV			-6.88E-002	1.25E-001	2.01E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			-4.78E-002	1.33E-001	1.93E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			1.05E-001	2.10E-001	4.84E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-1.17E-001	1.56E-001	2.10E-001
SB-125	NOT FOUND/DATA for 427.89 keV			1.92E-001	2.53E-001	5.44E-001
CS-134	NOT FOUND/DATA for 604.70 keV			1.07E-002	1.07E-001	1.99E-001
CS-137	3.72E-001	1.58E-001	2.32E-001	FOUND		
TL-208	2.24E-001	1.18E-001	1.88E-001	FOUND		
PB-212	NOT FOUND/DATA for 238.63 keV			2.06E-001	2.16E-001	4.26E-001
BI-214	NOT FOUND/DATA for 609.31 keV			4.85E-001	2.63E-001	6.06E-001
PB-214	NOT FOUND/DATA for 351.92 keV			4.24E-002	3.01E-001	5.54E-001
RA-226	3.83E+000	2.30E+000	5.09E+000	FOUND		
AC-228	NOT FOUND/DATA for 911.21 keV			9.36E-001	5.20E-001	1.26E+000
TH-230	NOT FOUND/DATA for 67.67 keV			1.63E+001	4.49E+001	8.57E+001
PA-231	NOT FOUND/DATA for 300.02 keV			2.27E+000	3.93E+000	7.17E+000
PA-234	NOT FOUND/DATA for 98.44 keV			-1.58E-001	4.45E-001	7.32E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			-1.63E+000	2.03E+001	3.94E+001
TH-234	NOT FOUND/DATA for 92.60 keV			2.71E+000	2.09E+000	3.94E+000
U-234	NOT FOUND/DATA for 53.20 keV			-1.73E+002	4.19E+002	6.42E+002
U-235	2.33E-001	1.40E-001	3.10E-001	FOUND		
U-238	NOT FOUND/DATA for 92.60 keV			2.71E+000	2.09E+000	3.94E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-1.09E-001	7.32E-001	1.32E+000

Uncertainty reported at 2.0 sigma

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***** C E R T I F I C A T E O F A N A L Y S I S *****
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Site Location: CE Windsor
Sample ID: FSS-CE-208R
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 4.869E+002 g
Sample Taken On: 8/11/2006 11:35:00 AM
Acquisition Started: 8/23/2006 2:43:09 PM
Live Time: 1800.0 seconds
Real Time: 1802.7 seconds
Dead Time: 0.15 %
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	1.80E+001	2.51E+000	1.54E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			-1.43E-002	7.22E-002	1.32E-001
CO-57	NOT FOUND/DATA for 122.06 keV			-2.17E-002	8.65E-002	1.41E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			6.27E-002	7.31E-002	1.69E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-9.93E-003	1.65E-001	3.14E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-1.39E-001	8.35E-002	1.09E-001
SB-125	NOT FOUND/DATA for 427.89 keV			5.96E-002	2.07E-001	3.91E-001
CS-134	NOT FOUND/DATA for 795.84 keV			-4.49E-003	7.58E-002	1.42E-001
CS-137	4.63E-001	3.54E-001	2.07E-001	FOUND		
TL-208	1.97E-001	1.21E-001	1.53E-001	FOUND		
PB-212	2.26E-001	1.24E-001	3.16E-001	FOUND		
BI-214	4.98E-001	5.54E-001	2.64E-001	FOUND		
PB-214	NOT FOUND/DATA for 351.92 keV			4.71E-001	1.98E-001	4.14E-001
RA-226	NOT FOUND/DATA for 186.10 keV			3.95E+000	2.00E+000	3.88E+000
AC-228	NOT FOUND/DATA for 911.21 keV			6.42E-001	3.64E-001	8.07E-001
TH-230	NOT FOUND/DATA for 67.67 keV			5.54E+000	3.08E+001	5.64E+001
PA-231	NOT FOUND/DATA for 300.02 keV			6.37E-002	2.88E+000	4.93E+000
PA-234	NOT FOUND/DATA for 98.44 keV			1.07E-001	3.33E-001	5.64E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			1.20E+000	1.42E+001	2.49E+001
TH-234	NOT FOUND/DATA for 92.60 keV			4.29E-001	1.48E+000	2.52E+000
U-234	NOT FOUND/DATA for 53.20 keV			-1.25E+002	2.72E+002	4.40E+002
U-235	NOT FOUND/DATA for 185.71 keV			1.62E-001	1.21E-001	2.28E-001
U-238	NOT FOUND/DATA for 92.60 keV			4.29E-001	1.48E+000	2.52E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-6.94E-002	5.49E-001	9.74E-001

Uncertainty reported at 2.0 sigma

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***** C E R T I F I C A T E O F A N A L Y S I S *****
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Site Location: CE Windsor
Sample ID: FSS-CE-209
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 3.548E+002 g
Sample Taken On: 8/11/2006 11:55:00 AM
Acquisition Started: 8/23/2006 9:39:05 AM
Live Time: 900.0 seconds
Real Time: 901.5 seconds
Dead Time: 0.16 %
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	2.08E+001	7.70E+000	2.91E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			-3.47E-002	1.21E-001	2.16E-001
CO-57	NOT FOUND/DATA for 122.06 keV			8.17E-002	1.60E-001	2.83E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			7.26E-002	1.33E-001	3.22E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			3.46E-002	3.43E-001	7.03E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-1.43E-001	1.94E-001	2.88E-001
SB-125	NOT FOUND/DATA for 427.89 keV			-7.55E-002	4.02E-001	7.26E-001
CS-134	NOT FOUND/DATA for 604.70 keV			-8.02E-002	1.49E-001	2.45E-001
CS-137	5.03E-001	3.71E-001	3.20E-001	FOUND		
TL-208	2.10E-001	1.37E-001	2.98E-001	FOUND		
PB-212	NOT FOUND/DATA for 238.63 keV			3.10E-001	3.27E-001	6.34E-001
BI-214	NOT FOUND/DATA for 609.31 keV			7.74E-001	3.91E-001	8.96E-001
PB-214	NOT FOUND/DATA for 351.92 keV			1.76E-001	3.85E-001	7.41E-001
RA-226	NOT FOUND/DATA for 186.10 keV			-5.42E-003	3.33E+000	6.03E+000
AC-228	NOT FOUND/DATA for 911.21 keV			4.87E-001	6.90E-001	1.50E+000
TH-230	NOT FOUND/DATA for 67.67 keV			-4.47E+000	6.20E+001	1.14E+002
PA-231	NOT FOUND/DATA for 300.02 keV			-8.02E-001	5.63E+000	9.57E+000
PA-234	NOT FOUND/DATA for 98.44 keV			4.98E-001	6.23E-001	1.12E+000
PA-234M	NOT FOUND/DATA for 1001.03 keV			-8.51E+000	2.49E+001	4.46E+001
TH-234	NOT FOUND/DATA for 92.60 keV			3.20E+000	2.66E+000	5.03E+000
U-234	NOT FOUND/DATA for 53.20 keV			-1.57E+002	5.16E+002	9.31E+002
U-235	NOT FOUND/DATA for 185.71 keV			1.36E-001	2.03E-001	3.89E-001
U-238	NOT FOUND/DATA for 92.60 keV			3.20E+000	2.66E+000	5.03E+000
AM-241	NOT FOUND/DATA for 59.54 keV			2.78E-001	1.05E+000	1.99E+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 *****
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Site Location: CE Windsor
Sample ID: FSS-CE-210
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 4.883E+002 g
Sample Taken On: 8/11/2006 12:10:00 PM
Acquisition Started: 8/23/2006 10:30:43 AM
Live Time: 900.0 seconds
Real Time: 901.4 seconds
Dead Time: 0.16 %
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	2.45E+001	7.22E+000	2.78E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			-6.78E-002	1.20E-001	2.08E-001
CO-57	NOT FOUND/DATA for 122.06 keV			6.45E-002	1.09E-001	1.96E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			1.39E-001	1.41E-001	3.36E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-4.98E-001	5.42E-001	4.83E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-1.04E-001	1.29E-001	1.51E-001
SB-125	NOT FOUND/DATA for 427.89 keV			1.05E-001	2.96E-001	5.85E-001
CS-134	NOT FOUND/DATA for 604.70 keV			-1.94E-001	1.15E-001	1.53E-001
CS-137	5.96E-001	5.42E-001	2.83E-001	FOUND		
TL-208	NOT FOUND/DATA for 583.19 keV			2.11E-001	1.56E-001	3.33E-001
PB-212	9.35E-001	2.55E-001	5.86E-001	FOUND		
BI-214	NOT FOUND/DATA for 609.31 keV			6.52E-001	3.34E-001	7.35E-001
PB-214	8.43E-001	8.21E-001	4.94E-001	FOUND		
RA-226	NOT FOUND/DATA for 186.10 keV			2.74E+000	2.73E+000	5.26E+000
AC-228	NOT FOUND/DATA for 911.21 keV			1.55E+000	6.77E-001	1.59E+000
TH-230	NOT FOUND/DATA for 67.67 keV			1.60E+001	4.07E+001	7.76E+001
PA-231	NOT FOUND/DATA for 300.02 keV			6.13E+000	4.92E+000	8.49E+000
PA-234	NOT FOUND/DATA for 131.20 keV			-1.03E+000	8.47E-001	7.89E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			-2.16E+000	1.83E+001	3.49E+001
TH-234	NOT FOUND/DATA for 92.60 keV			2.93E+000	2.25E+000	4.17E+000
U-234	NOT FOUND/DATA for 53.20 keV			-2.15E+002	4.19E+002	7.32E+002
U-235	NOT FOUND/DATA for 185.71 keV			2.36E-001	1.66E-001	3.30E-001
U-238	NOT FOUND/DATA for 92.60 keV			2.93E+000	2.25E+000	4.17E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-3.75E-001	7.47E-001	1.32E+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 *****
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Site Location: CE Windsor
Sample ID: FSS-CE-211
Sample Title: FSS Survey Unit 26-06
Detector Name: 30%HPGE
Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
Sample Size: 4.873E+002 g
Sample Taken On: 8/11/2006 12:10:00 PM
Acquisition Started: 8/23/2006 11:40:56 AM
Live Time: 900.0 seconds
Real Time: 901.3 seconds
Dead Time: 0.15 %
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	2.69E+001	1.06E+001	3.24E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			3.70E-002	1.15E-001	2.38E-001
CO-57	NOT FOUND/DATA for 122.06 keV			-1.46E-002	1.25E-001	2.06E-001
CO-60	NOT FOUND/DATA for 1332.50 keV			7.46E-002	1.22E-001	2.84E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-1.41E-002	2.65E-001	5.12E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-6.35E-002	1.55E-001	2.25E-001
SB-125	NOT FOUND/DATA for 427.89 keV			-2.68E-001	3.21E-001	5.13E-001
CS-134	NOT FOUND/DATA for 795.84 keV			6.51E-003	1.25E-001	2.31E-001
CS-137	3.83E-001	1.55E-001	2.43E-001	FOUND		
TL-208	NOT FOUND/DATA for 583.19 keV			2.69E-001	1.74E-001	3.69E-001
PB-212	8.53E-001	2.49E-001	4.90E-001	FOUND		
BI-214	NOT FOUND/DATA for 609.31 keV			7.34E-001	3.80E-001	8.11E-001
PB-214	9.17E-001	8.64E-001	5.33E-001	FOUND		
RA-226	NOT FOUND/DATA for 186.10 keV			2.00E+000	2.70E+000	5.13E+000
AC-228	NOT FOUND/DATA for 911.21 keV			1.06E+000	6.70E-001	1.47E+000
TH-230	NOT FOUND/DATA for 67.67 keV			2.35E+001	4.86E+001	9.27E+001
PA-231	NOT FOUND/DATA for 300.02 keV			2.70E+000	4.17E+000	7.52E+000
PA-234	NOT FOUND/DATA for 98.44 keV			3.32E-001	4.77E-001	8.44E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			1.11E+001	1.86E+001	4.13E+001
TH-234	NOT FOUND/DATA for 92.60 keV			1.26E+000	2.24E+000	3.99E+000
U-234	NOT FOUND/DATA for 53.20 keV			2.29E+002	4.28E+002	8.24E+002
U-235	NOT FOUND/DATA for 185.71 keV			1.76E-001	1.63E-001	3.18E-001
U-238	NOT FOUND/DATA for 92.60 keV			1.26E+000	2.24E+000	3.99E+000
AM-241	NOT FOUND/DATA for 59.54 keV			7.42E-001	8.07E-001	1.60E+000

Uncertainty reported at 2.0 sigma