

APPENDIX B

Gamma Surveys

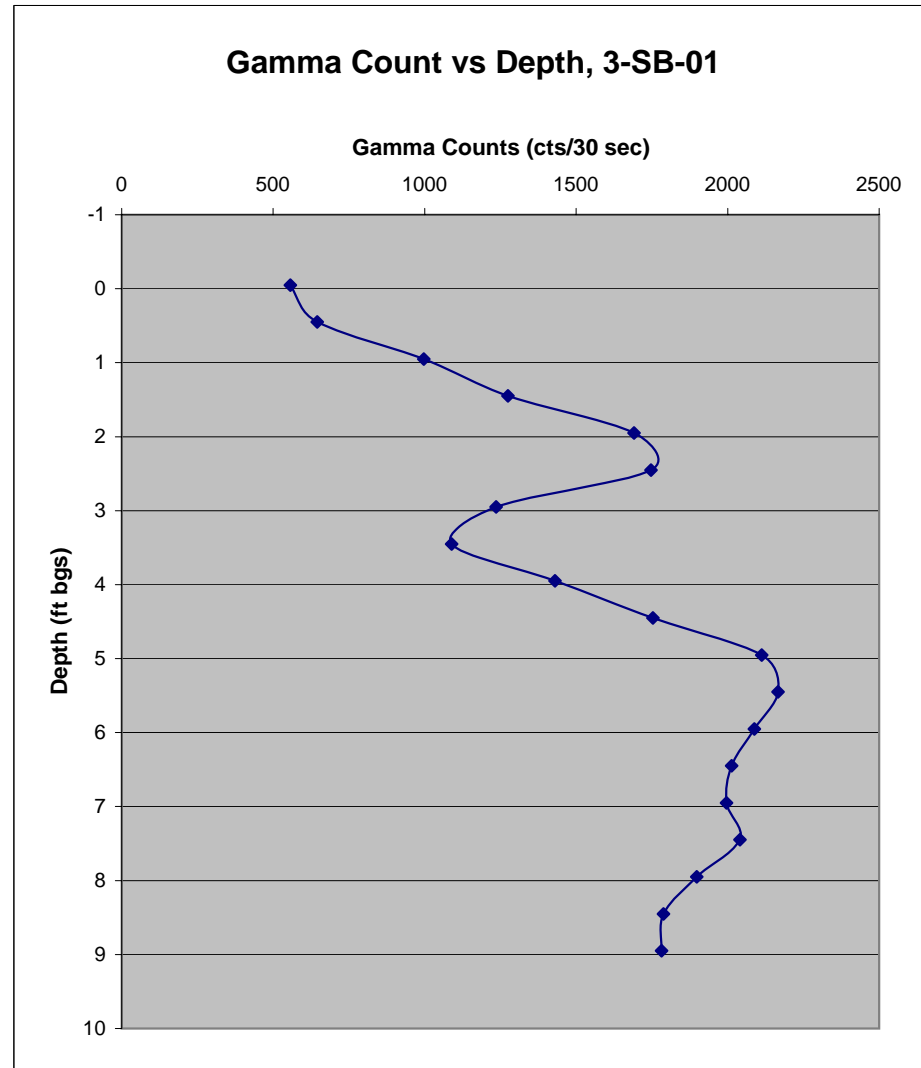
B-1: Gamma Walkover Surveys

B-2: Gamma Surveys (Downhole & Spectral)

Date: 8/13/2003
 Location: 3-SB-01
 Stickup Height (ft): 3.55

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	-0.05	557
4	0.45	645
4.5	0.95	997
5	1.45	1275
5.5	1.95	1691
6	2.45	1747
6.5	2.95	1236
7	3.45	1089
7.5	3.95	1430
8	4.45	1753
8.5	4.95	2112
9	5.45	2166
9.5	5.95	2088
10	6.45	2013
10.5	6.95	1996
11	7.45	2041
11.5	7.95	1898
12	8.45	1788
12.5	8.95	1782

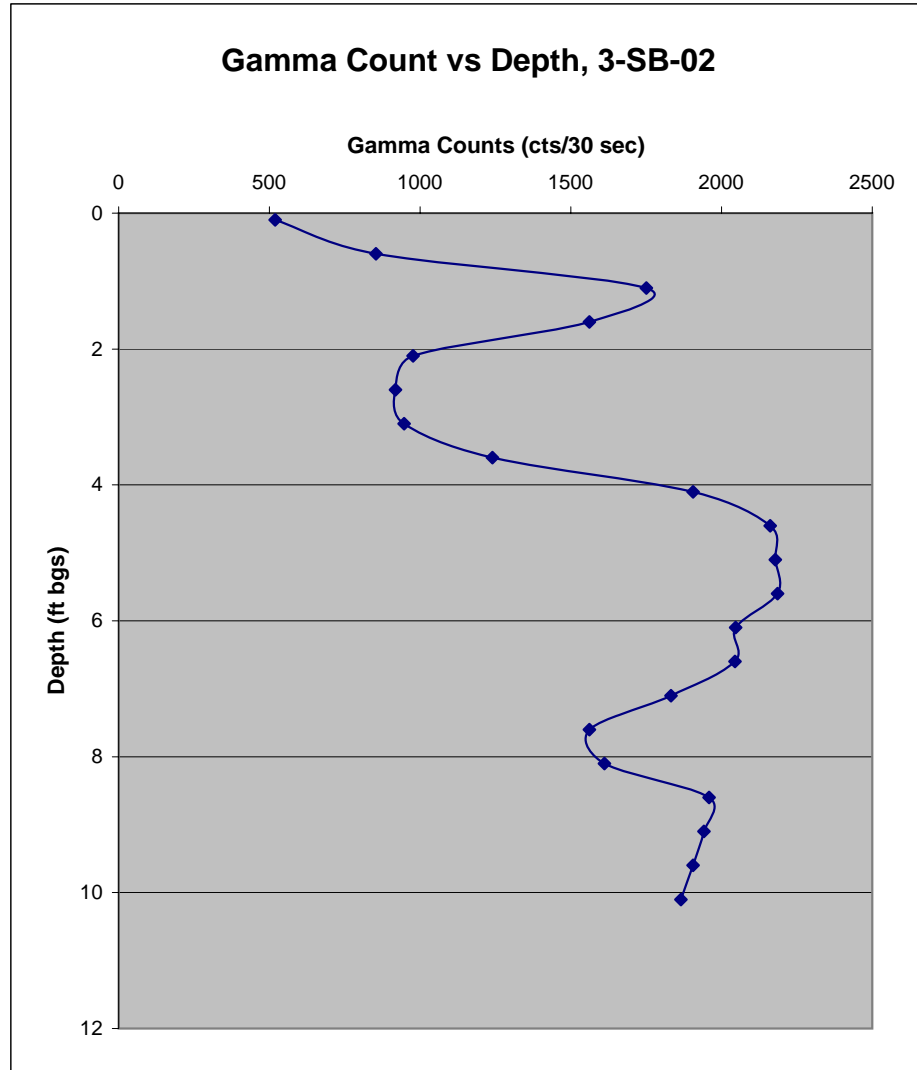
Mean	1594.947
σ	497
2σ	994
3σ	1491
Mean + 3σ	3086



Date: 8/12/2003
 Location: 3-SB-02
 Stickup Height (ft): 4.4

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	--	--
4	--	--
4.5	0.1	519
5	0.6	853
5.5	1.1	1751
6	1.6	1562
6.5	2.1	977
7	2.6	918
7.5	3.1	947
8	3.6	1240
8.5	4.1	1906
9	4.6	2161
9.5	5.1	2178
10	5.6	2186
10.5	6.1	2047
11	6.6	2045
11.5	7.1	1832
12	7.6	1562
12.5	8.1	1611
13	8.6	1959
13.5	9.1	1942
14	9.6	1906
14.5	10.1	1865

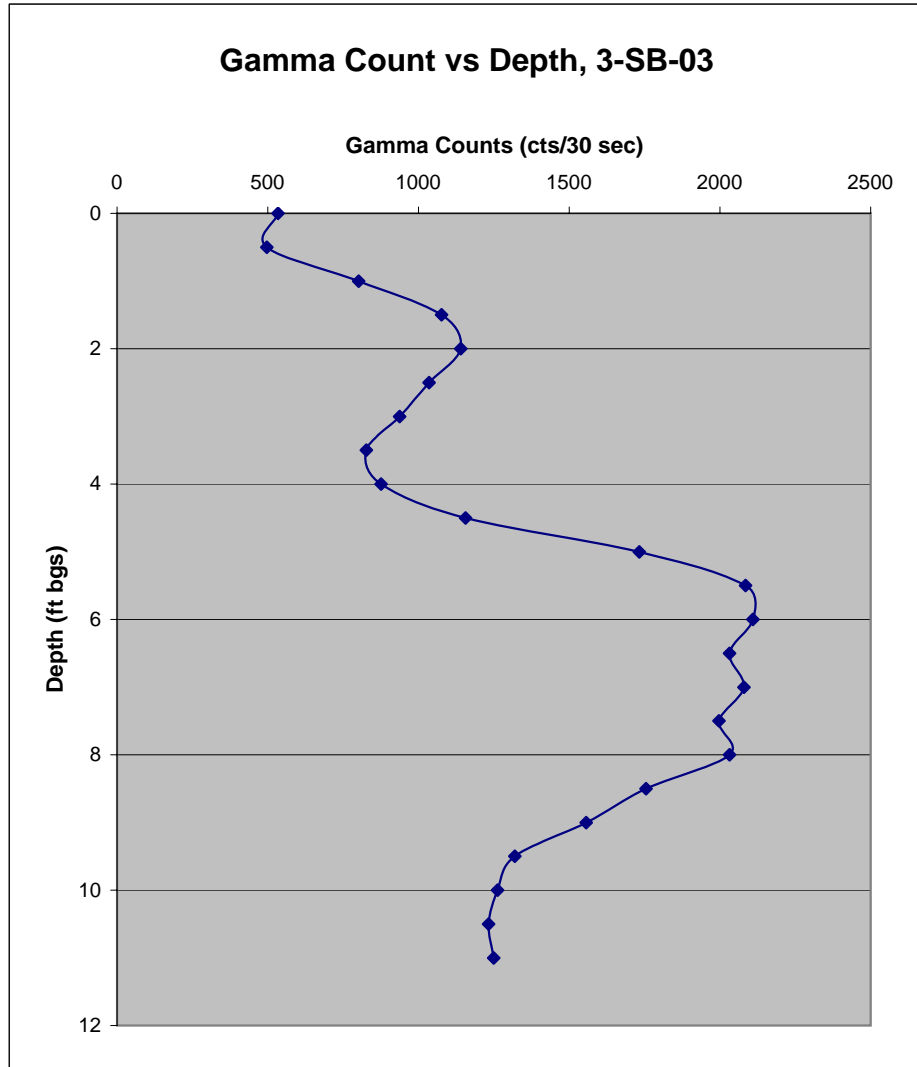
Mean	1617.476
σ	505
2σ	1010
3σ	1515
Mean + 3σ	3133



Date: 8/12/2003
 Location: 3-SB-03
 Stickup Height (ft): 3.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	0	534
4	0.5	497
4.5	1	801
5	1.5	1076
5.5	2	1140
6	2.5	1035
6.5	3	937
7	3.5	827
7.5	4	876
8	4.5	1156
8.5	5	1732
9	5.5	2085
9.5	6	2109
10	6.5	2032
10.5	7	2080
11	7.5	1997
11.5	8	2032
12	8.5	1755
12.5	9	1556
13	9.5	1320
13.5	10	1262
14	10.5	1233
14.5	11	1249

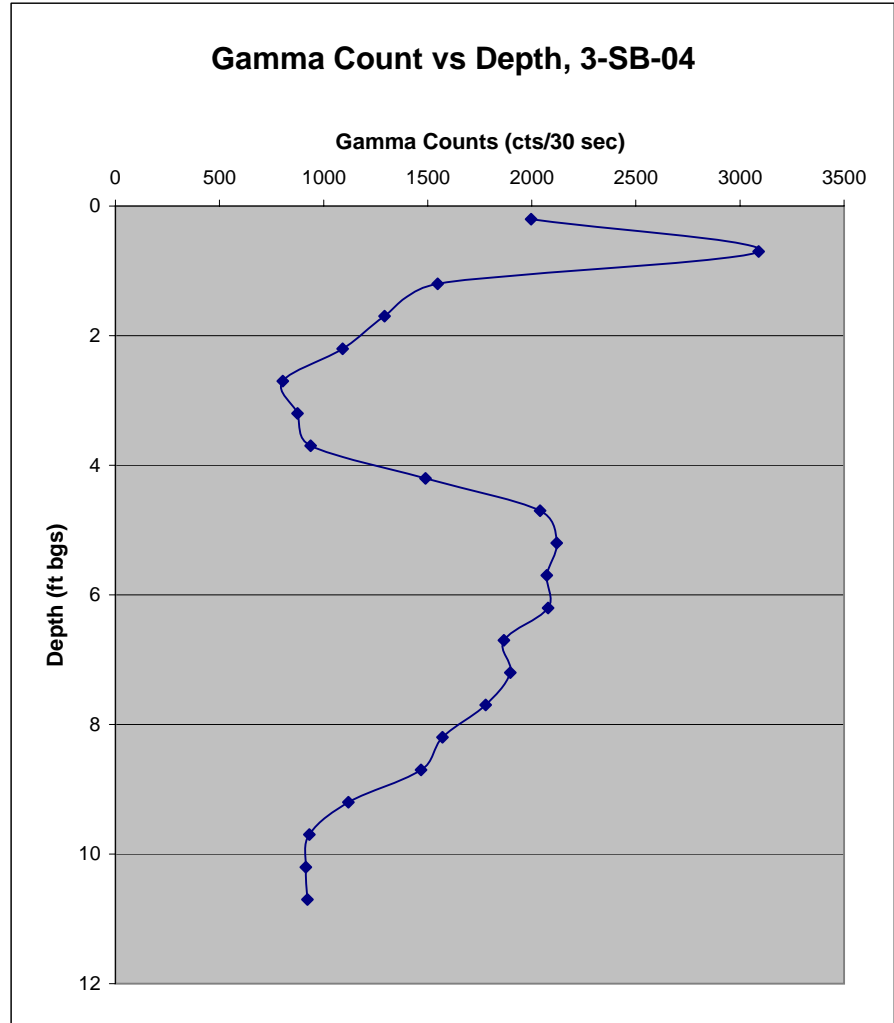
Mean	1361.783
σ	522
2σ	1044
3σ	1567
Mean + 3σ	2928



Date: 8/12/2003
 Location: 3-SB-04
 Stickup Height (ft): 4.3

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	--	--
4	--	--
4.5	0.2	1997
5	0.7	3090
5.5	1.2	1548
6	1.7	1292
6.5	2.2	1091
7	2.7	804
7.5	3.2	874
8	3.7	938
8.5	4.2	1490
9	4.7	2039
9.5	5.2	2120
10	5.7	2072
10.5	6.2	2078
11	6.7	1866
11.5	7.2	1897
12	7.7	1779
12.5	8.2	1571
13	8.7	1468
13.5	9.2	1119
14	9.7	932
14.5	10.2	914
15	10.7	923

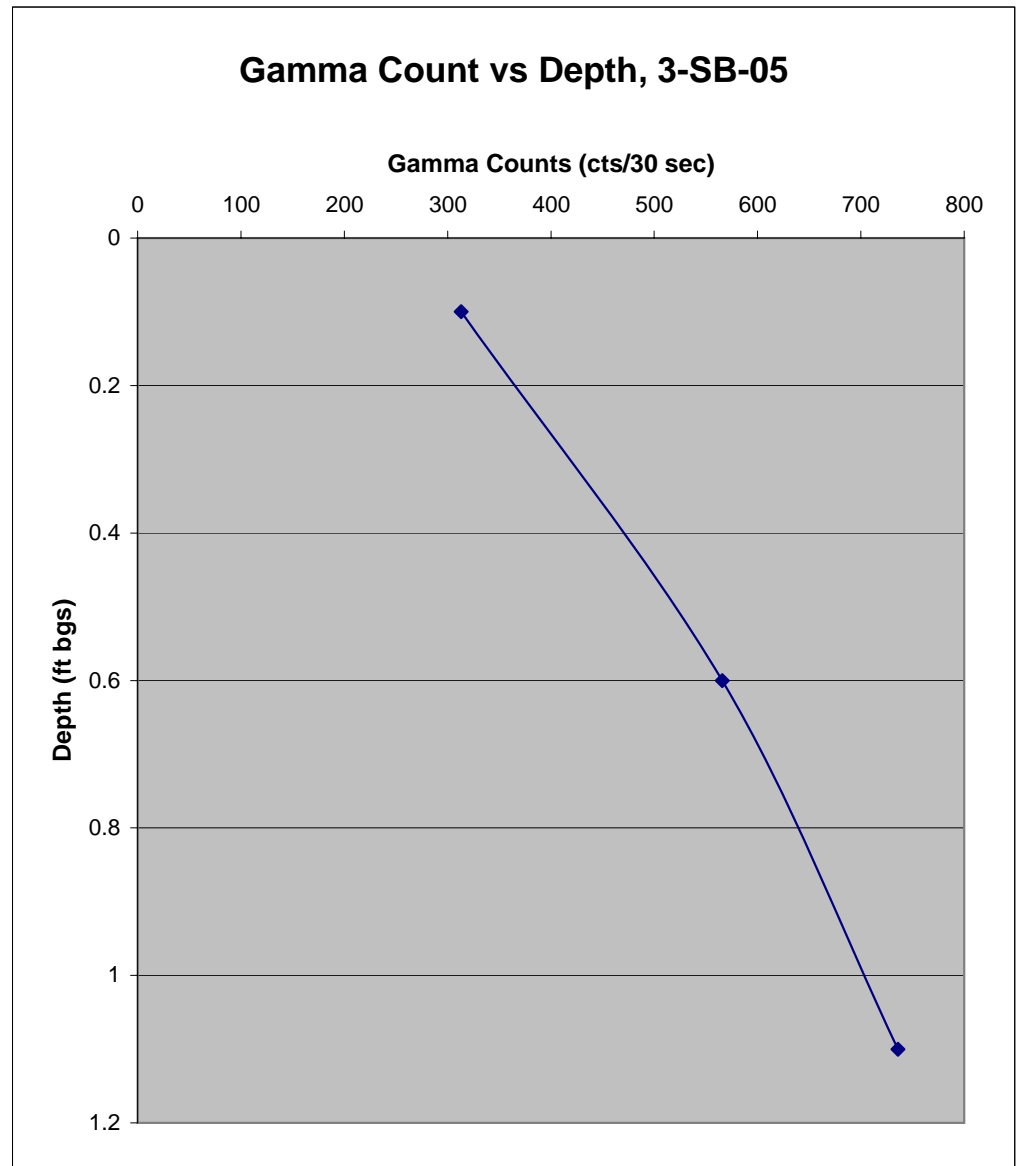
Mean	1541
σ	577
2σ	1155
3σ	1732
Mean + 3σ	3273



Date: 8/11/2003
Location: 3-SB-05
Stickup Height (ft): 2.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.6	0.1	313
3.1	0.6	566
3.6	1.1	736

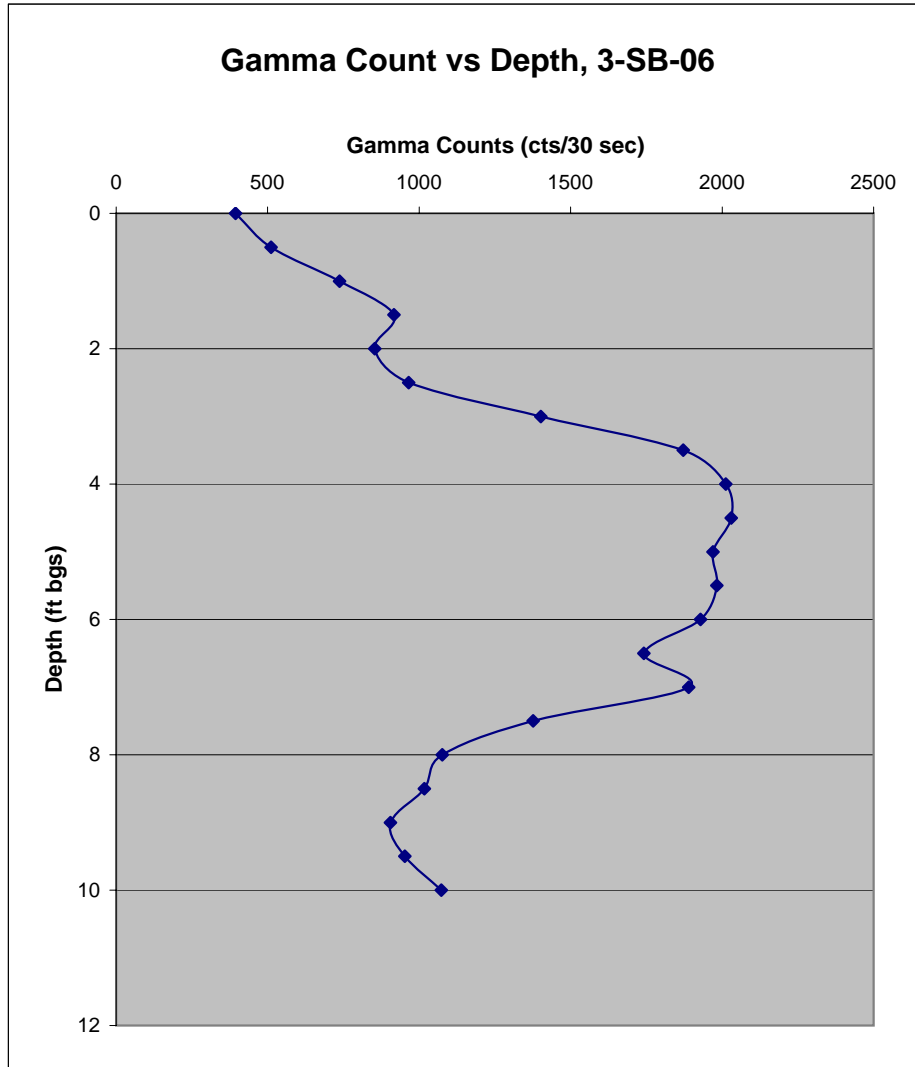
Mean	538
σ	213
2σ	426
3σ	639
Mean + 3σ	1177



Date: 8/13/2003
 Location: 3-SB-06
 Stickup Height (ft): 4.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	--	--
4	--	--
4.5	0	394
5	0.5	511
5.5	1	737
6	1.5	917
6.5	2	853
7	2.5	965
7.5	3	1402
8	3.5	1872
8.5	4	2012
9	4.5	2030
9.5	5	1970
10	5.5	1982
10.5	6	1929
11	6.5	1742
11.5	7	1890
12	7.5	1376
12.5	8	1076
13	8.5	1017
13.5	9	905
14	9.5	953
14.5	10	1073

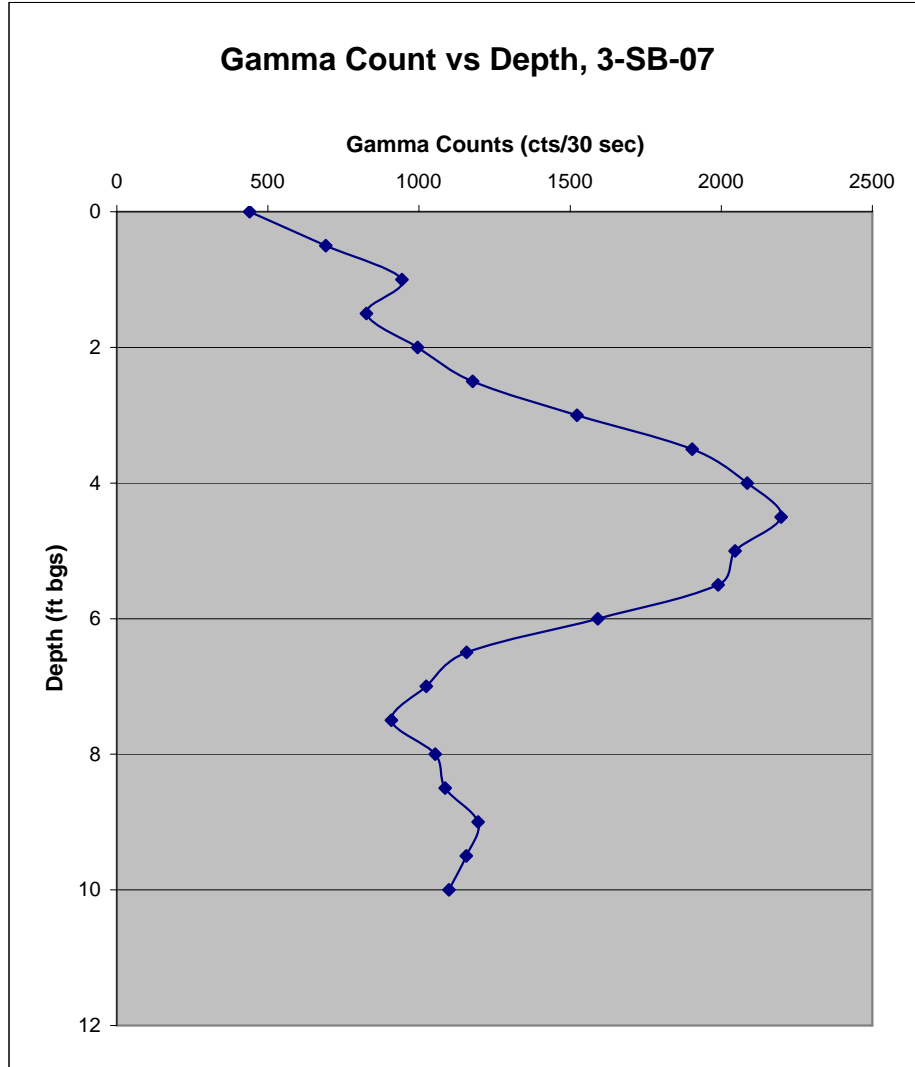
Mean	1315
σ	544
2σ	1087
3σ	1631
Mean + 3σ	2945



Date: 8/14/2003
 Location: 3-SB-07
 Stickup Height (ft): 4.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	--	--
4	--	--
4.5	0	439
5	0.5	691
5.5	1	943
6	1.5	826
6.5	2	995
7	2.5	1177
7.5	3	1523
8	3.5	1904
8.5	4	2086
9	4.5	2198
9.5	5	2046
10	5.5	1990
10.5	6	1592
11	6.5	1157
11.5	7	1024
12	7.5	908
12.5	8	1054
13	8.5	1086
13.5	9	1195
14	9.5	1156
14.5	10	1099

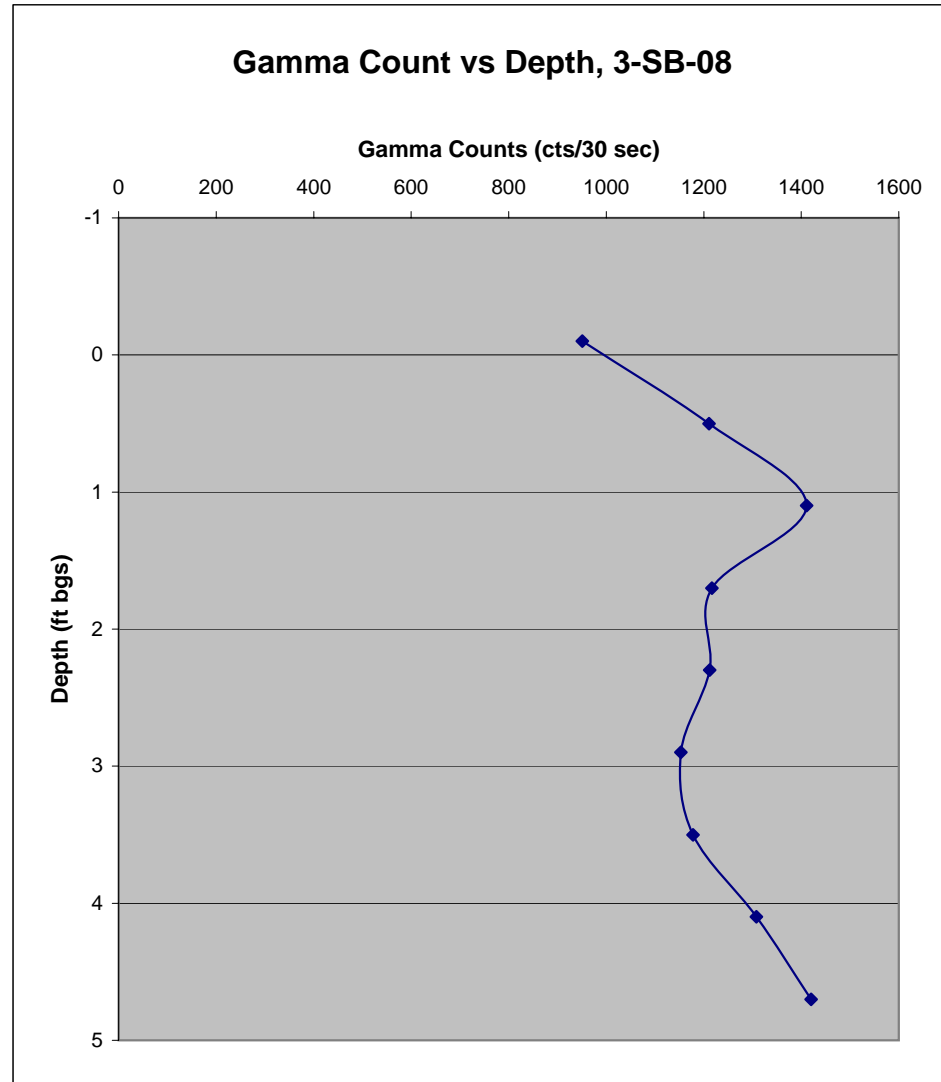
Mean	1289.952
σ	498
2σ	996
3σ	1493
Mean + 3σ	2783



Date: 8/7/2003
 Location: 3-SB-08
 Stickup Height (ft): 3.2

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3.1	-0.1	951
3.7	0.5	1211
4.3	1.1	1411
4.9	1.7	1217
5.5	2.3	1212
6.1	2.9	1153
6.7	3.5	1178
7.3	4.1	1308
7.9	4.7	1420

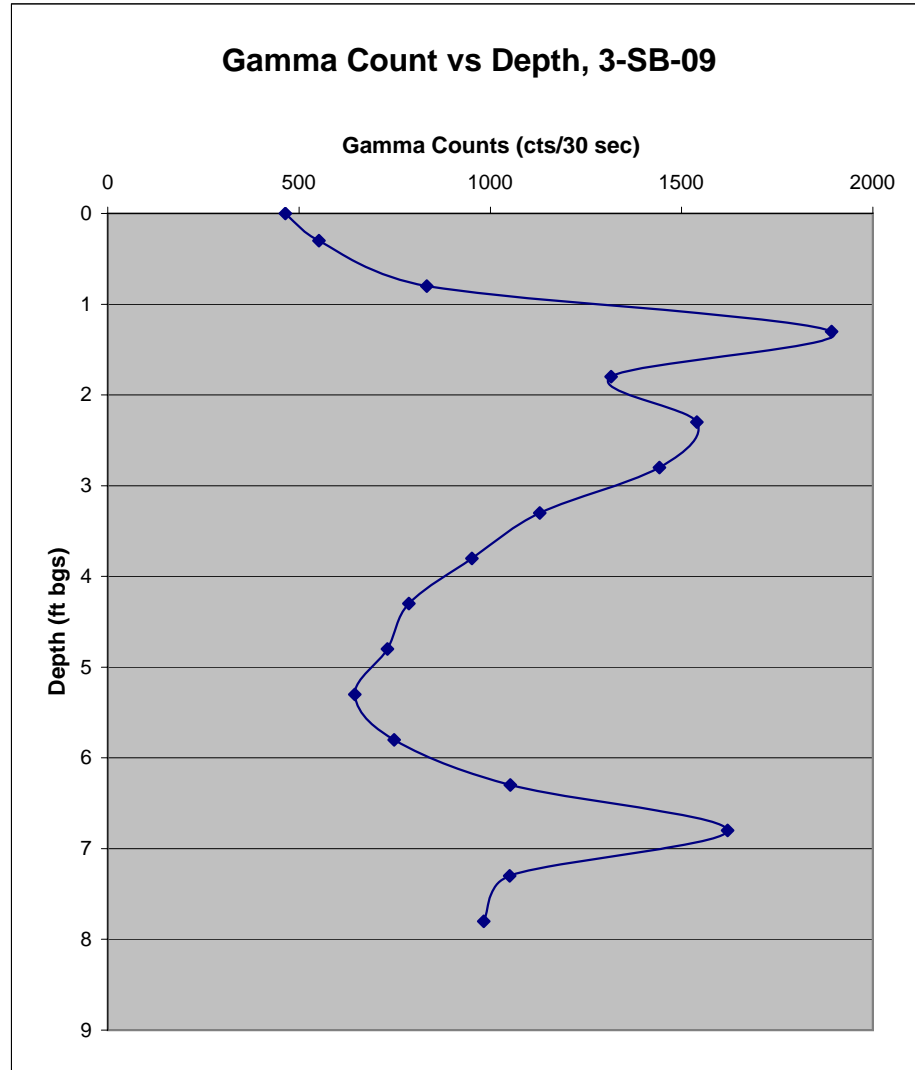
Mean	1229
σ	142
2σ	285
3σ	427
Mean + 3σ	1656



Date: 8/8/2003
 Location: 3-SB-09
 Stickup Height (ft): 2.7

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.7	0	464
3	0.3	552
3.5	0.8	834
4	1.3	1892
4.5	1.8	1316
5	2.3	1540
5.5	2.8	1442
6	3.3	1129
6.5	3.8	952
7	4.3	787
7.5	4.8	731
8	5.3	646
8.5	5.8	749
9	6.3	1052
9.5	6.8	1620
10	7.3	1051
10.5	7.8	983

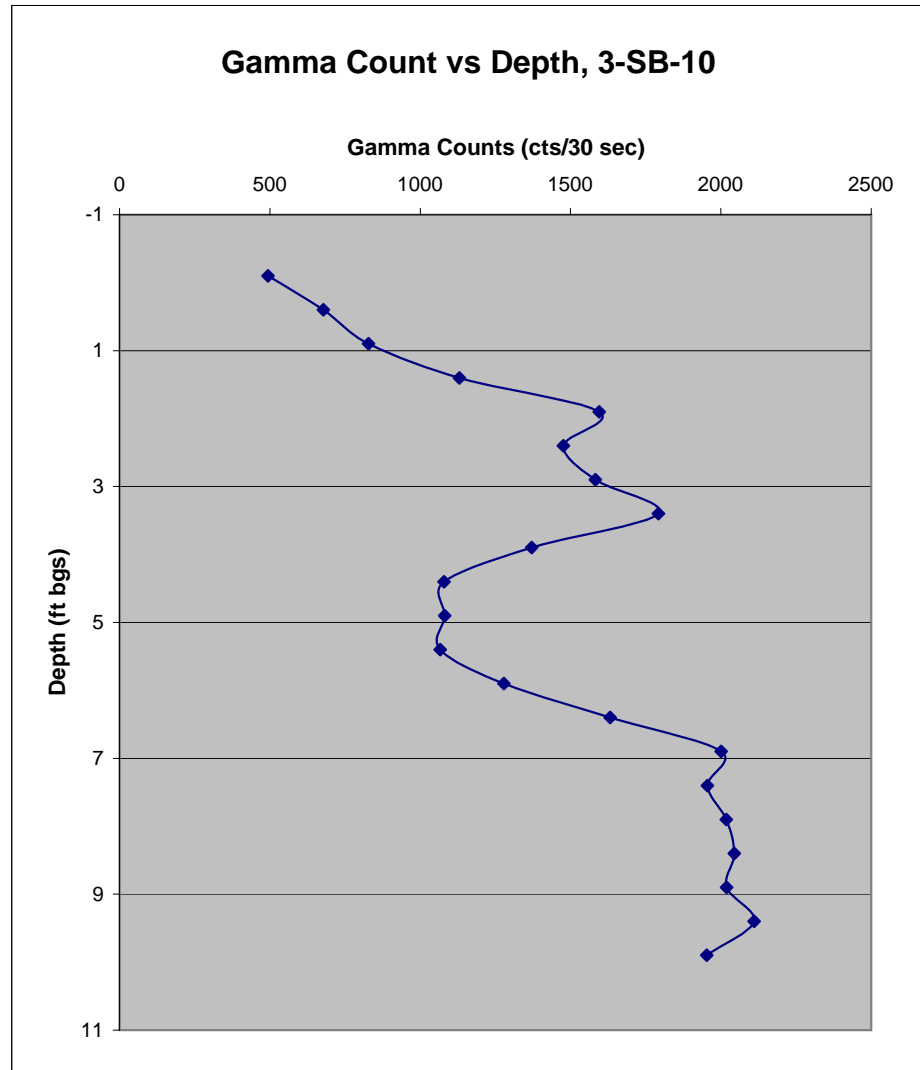
Mean	1044
σ	402
2σ	803
3σ	1205
Mean + 3σ	2248



Date: 8/11/2003
 Location: 3-SB-10
 Stickup Height (ft): 2.6

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	-0.1	494
3	0.4	678
3.5	0.9	828
4	1.4	1130
4.5	1.9	1595
5	2.4	1476
5.5	2.9	1583
6	3.4	1792
6.5	3.9	1371
7	4.4	1079
7.5	4.9	1081
8	5.4	1066
8.5	5.9	1278
9	6.4	1632
9.5	6.9	2001
10	7.4	1955
10.5	7.9	2018
11	8.4	2045
11.5	8.9	2019
12	9.4	2110
12.5	9.9	1953

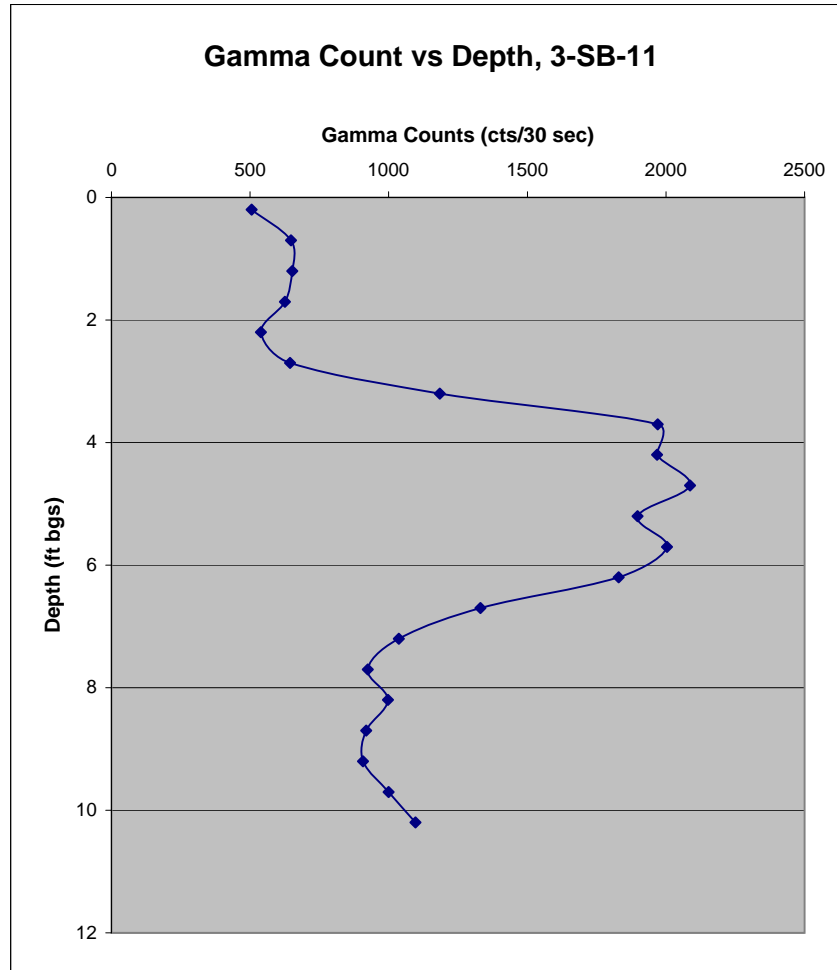
Mean	1485
σ	493
2σ	987
3σ	1480
Mean + 3σ	2965



Date: 8/14/2003
 Location: 3-SB-11
 Stickup Height (ft): 4.3

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	--	--
4	--	--
4.5	0.2	506
5	0.7	647
5.5	1.2	652
6	1.7	625
6.5	2.2	539
7	2.7	644
7.5	3.2	1184
8	3.7	1970
8.5	4.2	1968
9	4.7	2087
9.5	5.2	1897
10	5.7	2004
10.5	6.2	1829
11	6.7	1331
11.5	7.2	1036
12	7.7	925
12.5	8.2	997
13	8.7	919
13.5	9.2	907
14	9.7	1000
14.5	10.2	1096

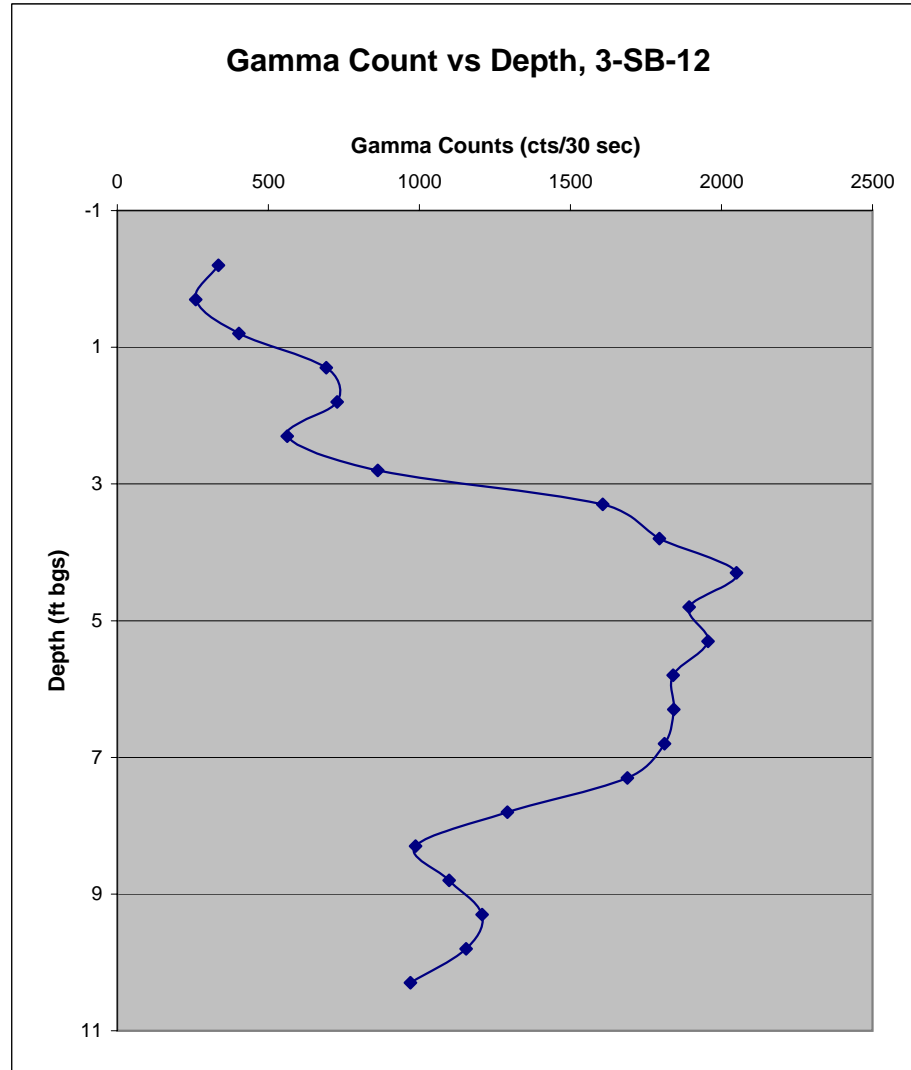
Mean	1179
σ	549
2σ	1098
3σ	1647
Mean + 3σ	2826



Date: 8/15/2003
 Location: 3-SB-12
 Stickup Height (ft): 4.2

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	--	--
4	-0.2	335
4.5	0.3	260
5	0.8	403
5.5	1.3	692
6	1.8	728
6.5	2.3	562
7	2.8	862
7.5	3.3	1607
8	3.8	1794
8.5	4.3	2050
9	4.8	1893
9.5	5.3	1956
10	5.8	1840
10.5	6.3	1842
11	6.8	1811
11.5	7.3	1689
12	7.8	1291
12.5	8.3	987
13	8.8	1099
13.5	9.3	1208
14	9.8	1155
14.5	10.3	970

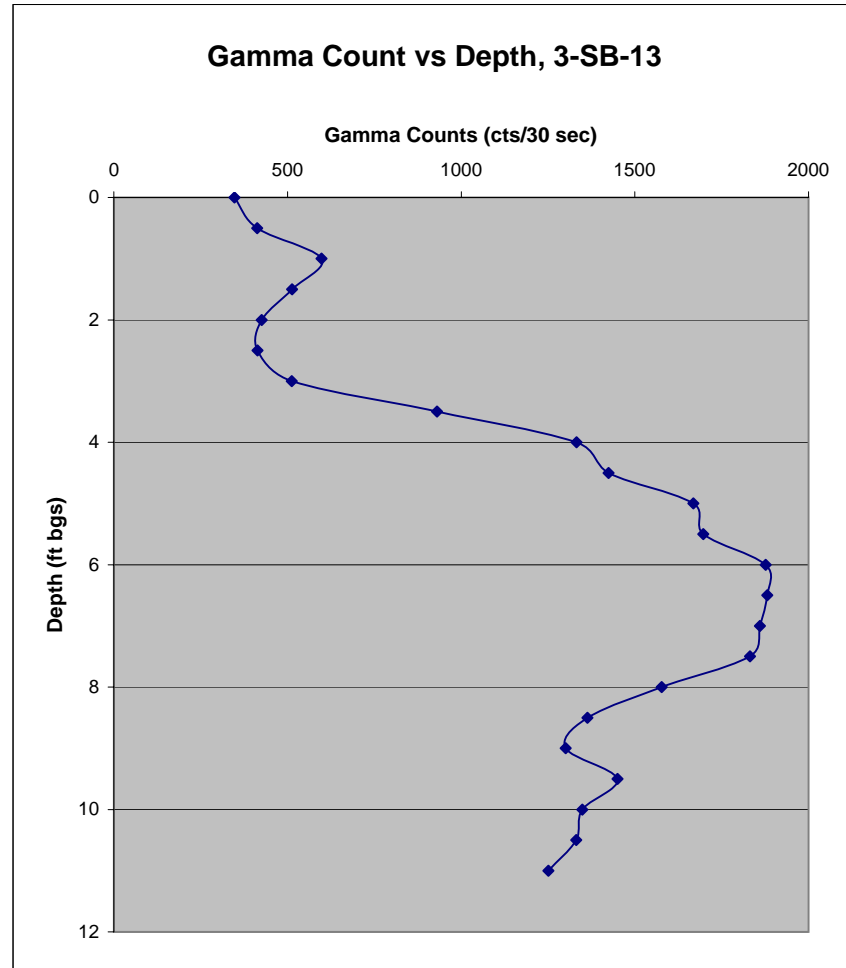
Mean	1229
σ	581
2σ	1163
3σ	1744
Mean + 3σ	2973



Date: 8/20/2003
 Location: 3-SB-13
 Stickup Height (ft): 5.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	--	--
4	--	--
4.5	--	--
5	--	--
5.5	0	347
6	0.5	413
6.5	1	598
7	1.5	513
7.5	2	426
8	2.5	414
8.5	3	512
9	3.5	930
9.5	4	1332
10	4.5	1424
10.5	5	1668
11	5.5	1697
11.5	6	1877
12	6.5	1881
12.5	7	1860
13	7.5	1831
13.5	8	1577
14	8.5	1363
14.5	9	1301
15	9.5	1450
15.5	10	1349
16	10.5	1331
16.5	11	1251

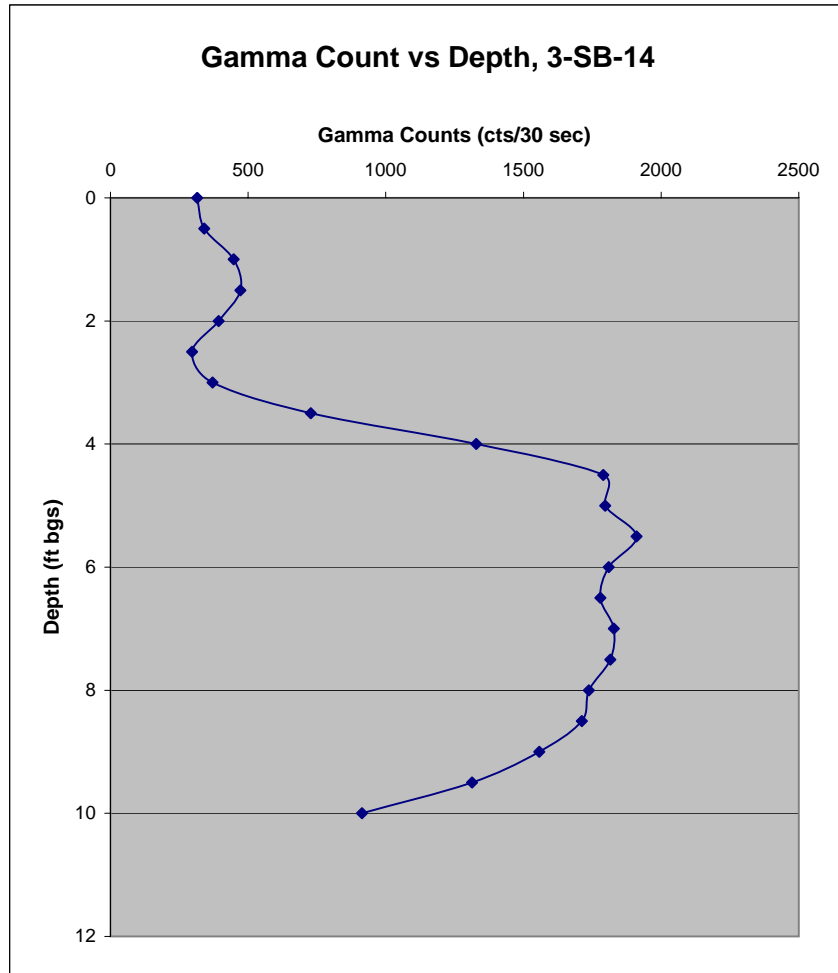
Mean	1189
σ	544
2σ	1088
3σ	1632
Mean + 3σ	2821



Date: 8/18/2003
 Location: 3-SB-14
 Stickup Height (ft): 4.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	--	--
4	--	--
4.5	0	315
5	0.5	340
5.5	1	448
6	1.5	472
6.5	2	393
7	2.5	296
7.5	3	371
8	3.5	728
8.5	4	1328
9	4.5	1790
9.5	5	1797
10	5.5	1911
10.5	6	1810
11	6.5	1779
11.5	7	1828
12	7.5	1815
12.5	8	1738
13	8.5	1712
13.5	9	1557
14	9.5	1313
14.5	10	913

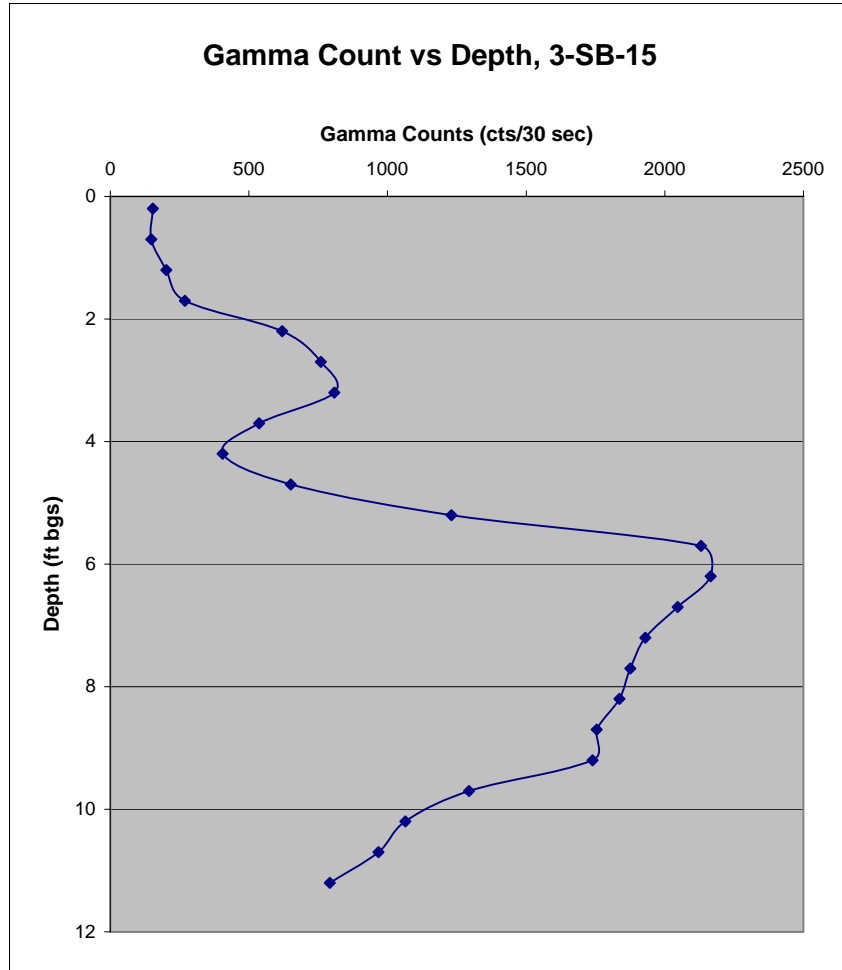
Mean	1174
σ	651
2σ	1301
3σ	1952
Mean + 3σ	3126



Date: 8/20/2003
 Location: 3-SB-15
 Stickup Height (ft): 3.3

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	0.2	153
4	0.7	148
4.5	1.2	202
5	1.7	269
5.5	2.2	620
6	2.7	759
6.5	3.2	808
7	3.7	537
7.5	4.2	405
8	4.7	651
8.5	5.2	1230
9	5.7	2131
9.5	6.2	2165
10	6.7	2046
10.5	7.2	1930
11	7.7	1876
11.5	8.2	1836
12	8.7	1754
12.5	9.2	1739
13	9.7	1294
13.5	10.2	1064
14	10.7	967
14.5	11.2	792

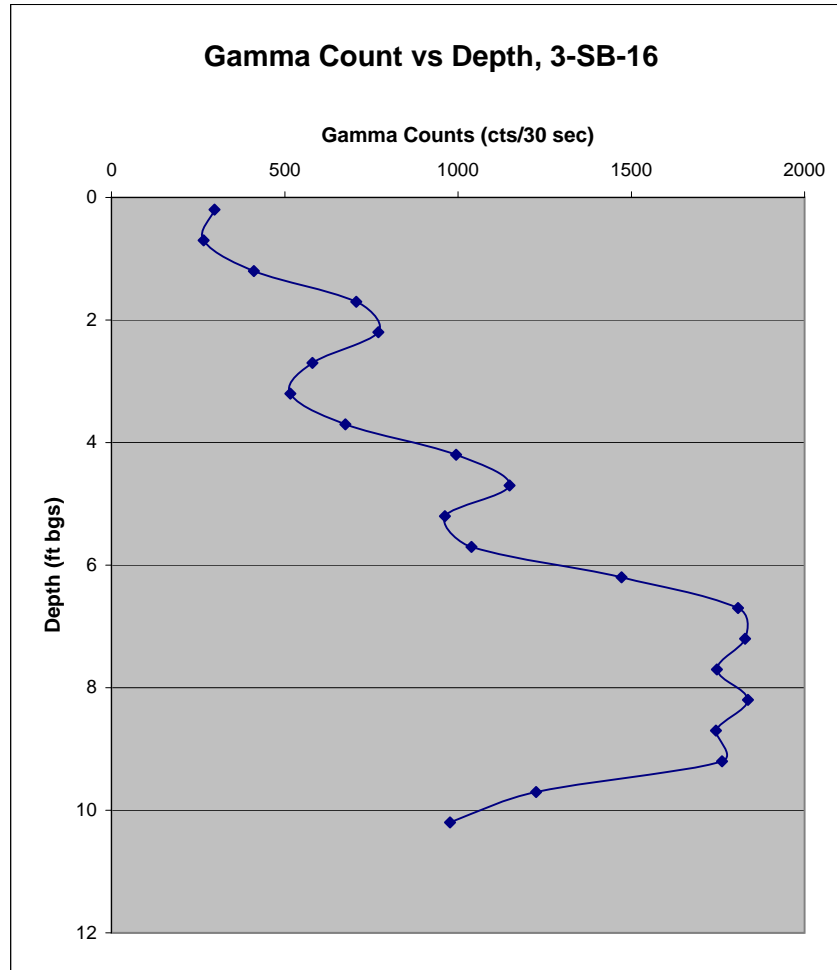
Mean	1103
σ	696
2σ	1392
3σ	2089
Mean + 3σ	3192



Date: 8/19/2003
 Location: 3-SB-16
 Stickup Height (ft): 4.3

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	--	--
4	--	--
4.5	0.2	297
5	0.7	266
5.5	1.2	411
6	1.7	706
6.5	2.2	770
7	2.7	580
7.5	3.2	516
8	3.7	675
8.5	4.2	994
9	4.7	1149
9.5	5.2	962
10	5.7	1039
10.5	6.2	1472
11	6.7	1808
11.5	7.2	1828
12	7.7	1747
12.5	8.2	1837
13	8.7	1744
13.5	9.2	1762
14	9.7	1225
14.5	10.2	977

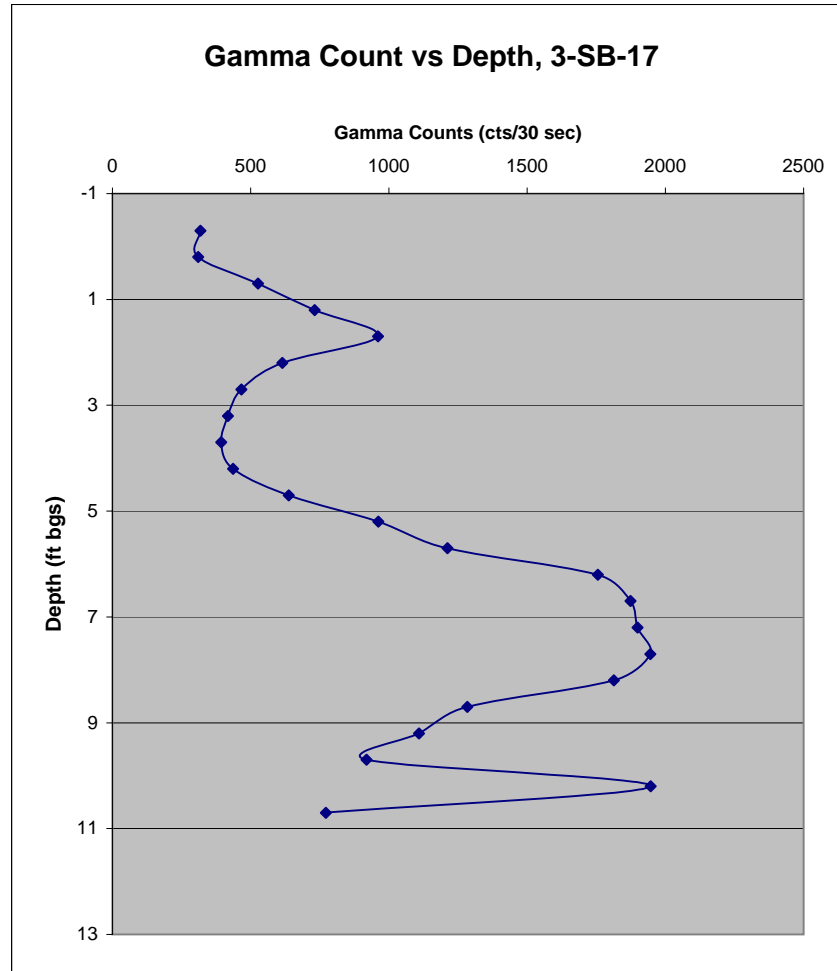
Mean	1084
σ	544
2σ	1088
3σ	1632
Mean + 3σ	2716



Date: 8/22/2003
 Location: 3-SB-17
 Stickup Height (ft): 3.8

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	-0.3	318
4	0.2	310
4.5	0.7	527
5	1.2	731
5.5	1.7	961
6	2.2	615
6.5	2.7	467
7	3.2	418
7.5	3.7	393
8	4.2	436
8.5	4.7	638
9	5.2	962
9.5	5.7	1212
10	6.2	1756
10.5	6.7	1874
11	7.2	1899
11.5	7.7	1946
12	8.2	1814
12.5	8.7	1284
13	9.2	1109
13.5	9.7	919
14	10.2	1947
14.5	10.7	772

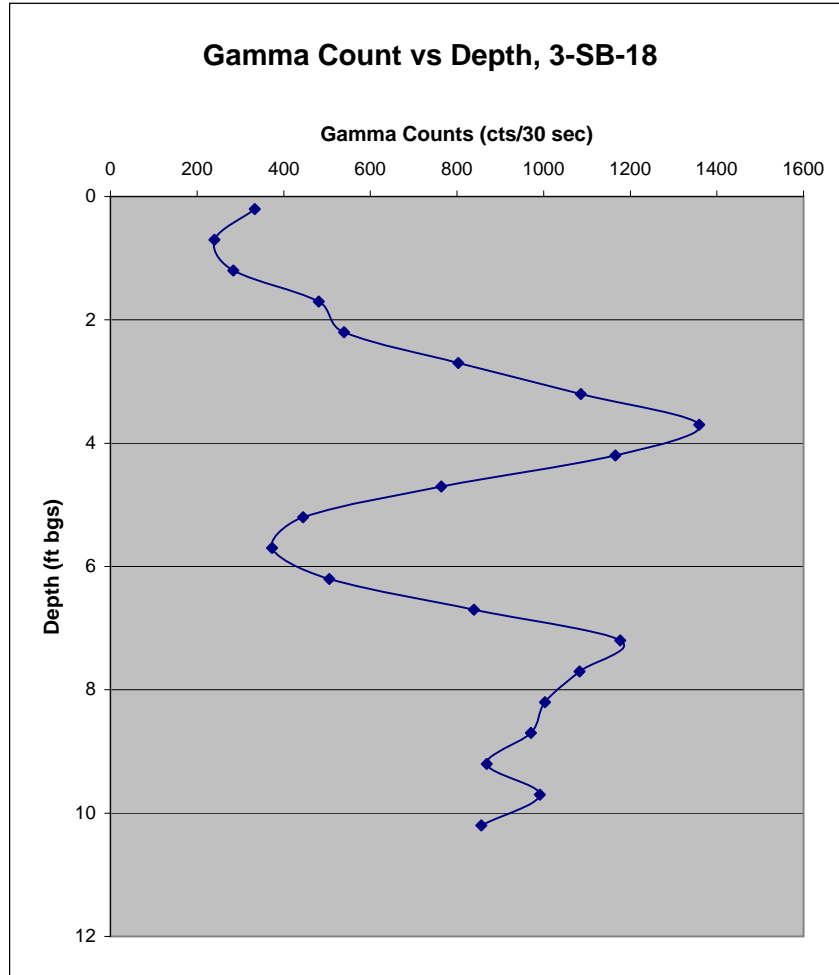
Mean	1013
σ	588
2σ	1177
3σ	1765
Mean + 3σ	2779



Date: 8/25/2003
 Location: 3-SB-18
 Stickup Height (ft): 4.3

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	--	--
4	--	--
4.5	0.2	333
5	0.7	240
5.5	1.2	284
6	1.7	481
6.5	2.2	539
7	2.7	803
7.5	3.2	1086
8	3.7	1359
8.5	4.2	1166
9	4.7	764
9.5	5.2	445
10	5.7	373
10.5	6.2	505
11	6.7	839
11.5	7.2	1177
12	7.7	1083
12.5	8.2	1003
13	8.7	971
13.5	9.2	869
14	9.7	991
14.5	10.2	856

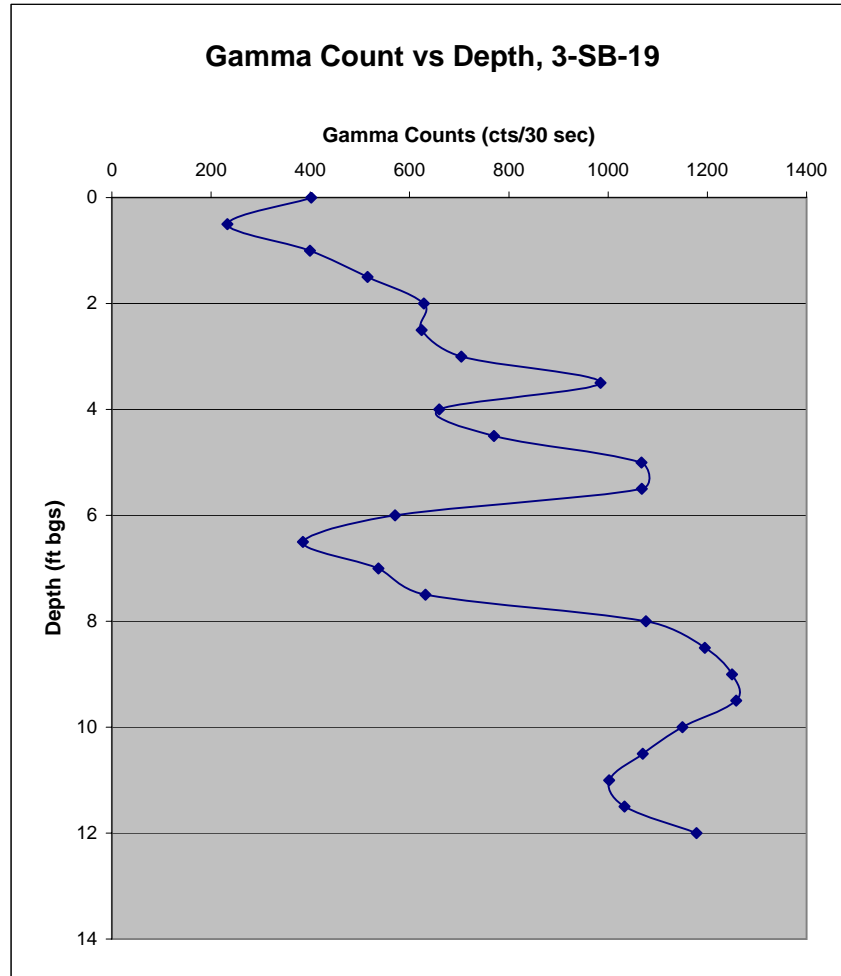
Mean	770
σ	333
2σ	665
3σ	998
Mean + 3σ	1768



Date: 8/25/2003
 Location: 3-SB-19
 Pickup Height (ft): 2.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	0	402
3	0.5	233
3.5	1	399
4	1.5	515
4.5	2	629
5	2.5	624
5.5	3	704
6	3.5	985
6.5	4	660
7	4.5	770
7.5	5	1067
8	5.5	1068
8.5	6	571
9	6.5	385
9.5	7	537
10	7.5	632
10.5	8	1076
11	8.5	1195
11.5	9	1250
12	9.5	1258
12.5	10	1150
13	10.5	1070
13.5	11	1002
14	11.5	1033
14.5	12	1178

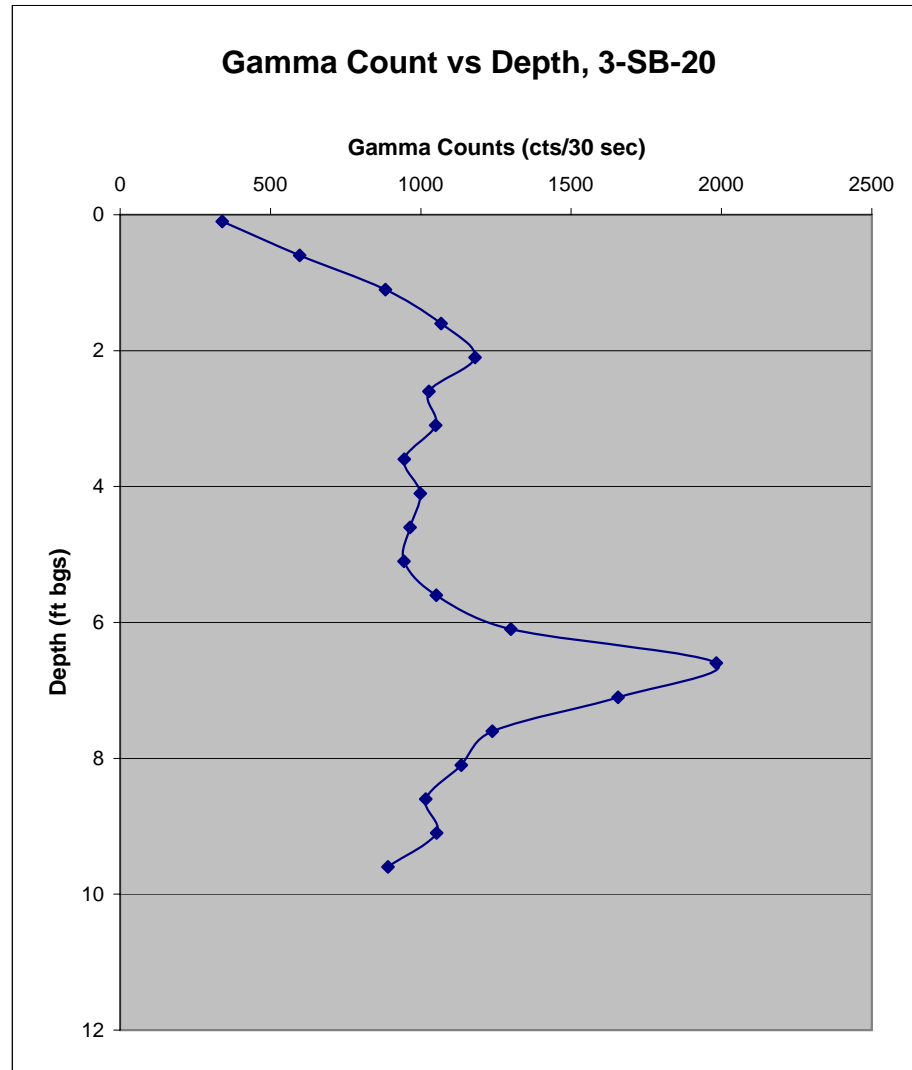
Mean	816
σ	315
2σ	630
3σ	945
Mean + 3σ	1761



Date: 8/22/2003
 Location: 3-SB-20
 Stickup Height (ft): 2.9

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	0.1	340
3.5	0.6	597
4	1.1	882
4.5	1.6	1067
5	2.1	1180
5.5	2.6	1027
6	3.1	1049
6.5	3.6	945
7	4.1	998
7.5	4.6	964
8	5.1	944
8.5	5.6	1051
9	6.1	1300
9.5	6.6	1983
10	7.1	1656
10.5	7.6	1238
11	8.1	1134
11.5	8.6	1016
12	9.1	1053
12.5	9.6	891

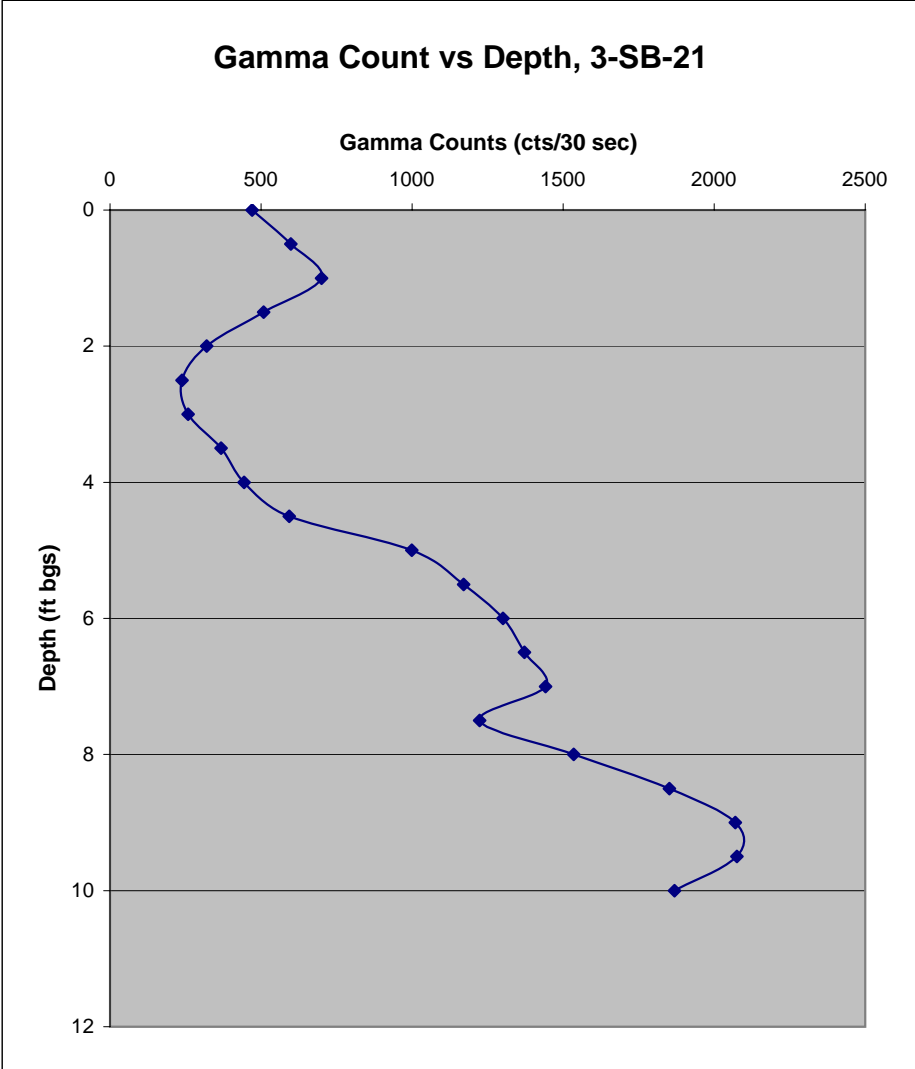
Mean	1066
σ	337
2σ	673
3σ	1010
Mean + 3σ	2075



Date: 8/20/2003
 Location: 3-SB-21
 Stickup Height (ft): 2.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	0	470
3	0.5	599
3.5	1	700
4	1.5	509
4.5	2	320
5	2.5	238
5.5	3	258
6	3.5	368
6.5	4	444
7	4.5	593
7.5	5	999
8	5.5	1171
8.5	6	1301
9	6.5	1372
9.5	7	1442
10	7.5	1224
10.5	8	1535
11	8.5	1852
11.5	9	2070
12	9.5	2075
12.5	10	1869

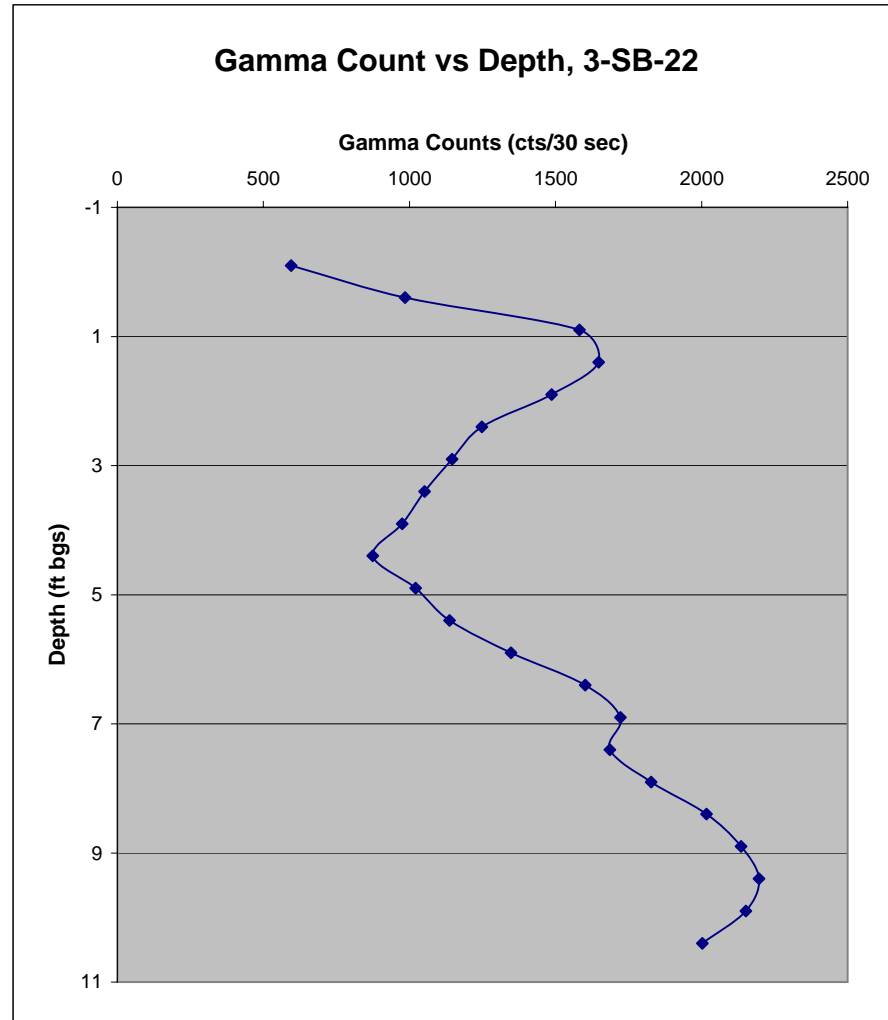
Mean	1019
σ	625
2σ	1249
3σ	1874
Mean + 3σ	2893



Date: 8/21/2003
 Location: 3-SB-22
 Stickup Height (ft): 2.6

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	-0.1	595
3	0.4	985
3.5	0.9	1582
4	1.4	1648
4.5	1.9	1487
5	2.4	1248
5.5	2.9	1146
6	3.4	1052
6.5	3.9	975
7	4.4	874
7.5	4.9	1021
8	5.4	1137
8.5	5.9	1347
9	6.4	1602
9.5	6.9	1722
10	7.4	1686
10.5	7.9	1827
11	8.4	2017
11.5	8.9	2135
12	9.4	2196
12.5	9.9	2152
13	10.4	2003

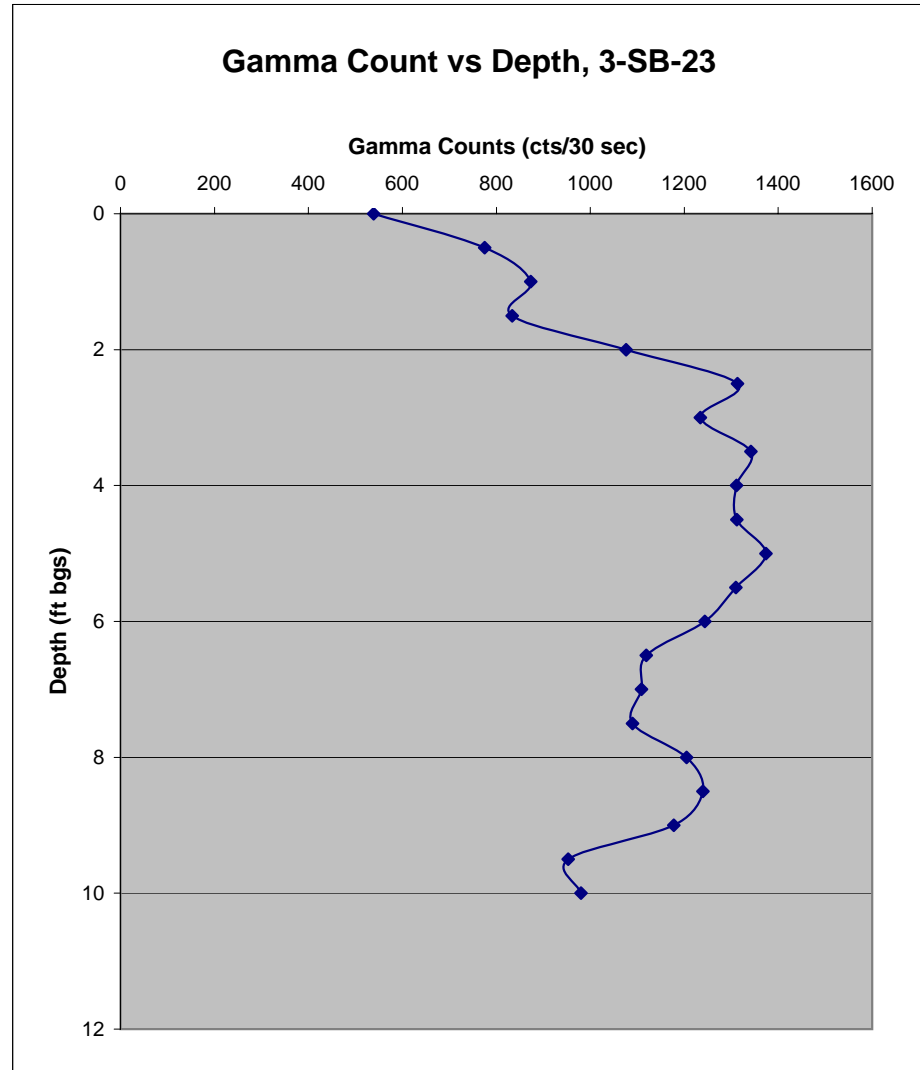
Mean	1474
σ	467
2σ	933
3σ	1400
Mean + 3σ	2875



Date: 8/21/2003
 Location: 3-SB-23
 Stickup Height (ft): 2.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	0	539
3	0.5	775
3.5	1	873
4	1.5	834
4.5	2	1076
5	2.5	1313
5.5	3	1234
6	3.5	1342
6.5	4	1311
7	4.5	1312
7.5	5	1374
8	5.5	1310
8.5	6	1244
9	6.5	1119
9.5	7	1109
10	7.5	1090
10.5	8	1205
11	8.5	1240
11.5	9	1178
12	9.5	953
12.5	10	980

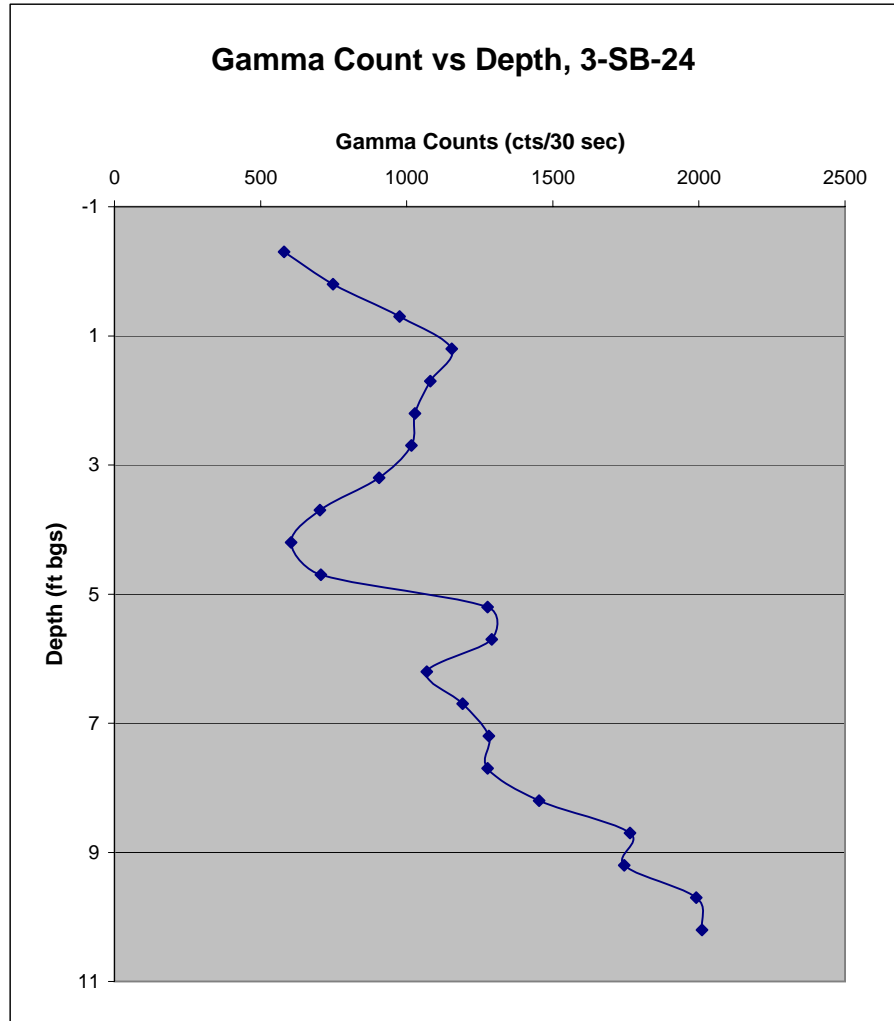
Mean	1115
σ	219
2σ	439
3σ	658
Mean + 3σ	1773



Date: 8/21/2003
 Location: 3-SB-24
 Stickup Height (ft): 2.8

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	-0.3	580
3	0.2	748
3.5	0.7	976
4	1.2	1154
4.5	1.7	1081
5	2.2	1028
5.5	2.7	1016
6	3.2	906
6.5	3.7	703
7	4.2	605
7.5	4.7	706
8	5.2	1277
8.5	5.7	1291
9	6.2	1069
9.5	6.7	1191
10	7.2	1281
10.5	7.7	1277
11	8.2	1453
11.5	8.7	1764
12	9.2	1744
12.5	9.7	1991
13	10.2	2011

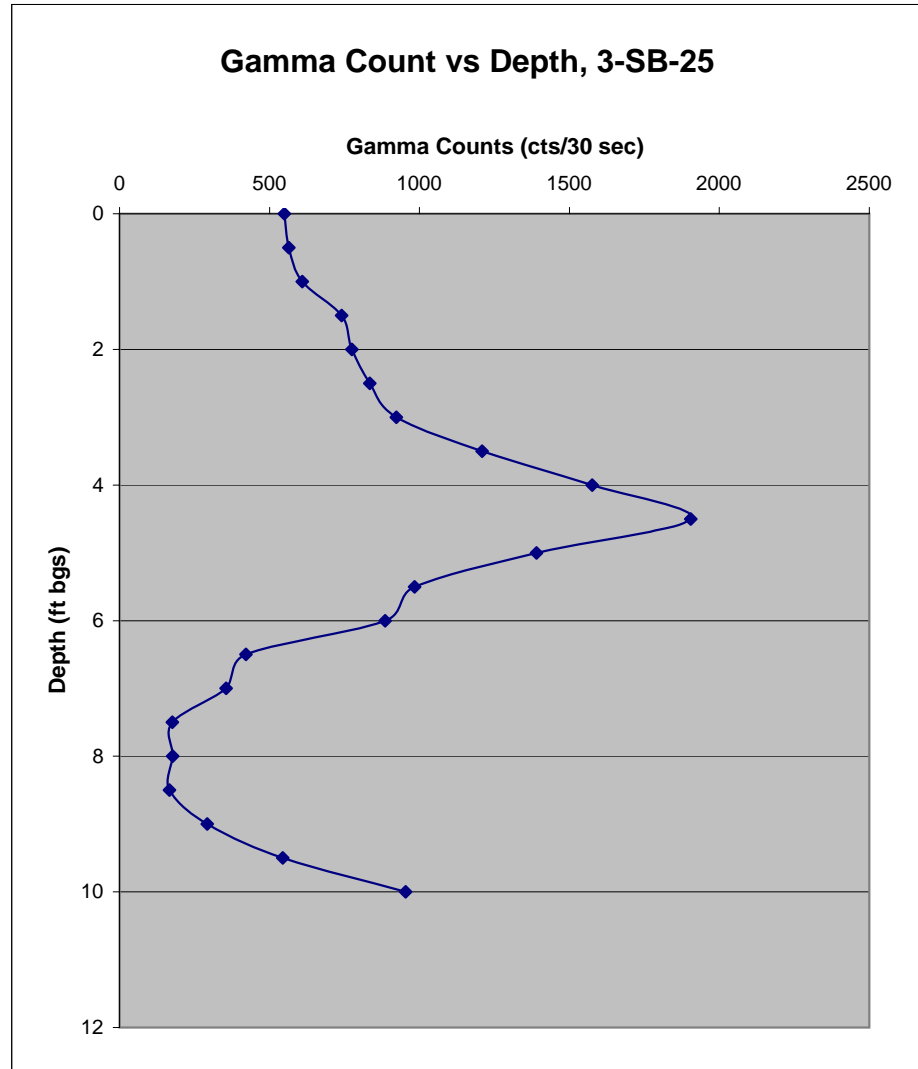
Mean	1135
σ	381
2σ	763
3σ	1144
Mean + 3σ	2280



Date: 8/26/2003
 Location: 3-SB-25
 Stickup Height (ft): 2.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	0	549
3	0.5	564
3.5	1	609
4	1.5	741
4.5	2	775
5	2.5	834
5.5	3	923
6	3.5	1209
6.5	4	1576
7	4.5	1905
7.5	5	1390
8	5.5	984
8.5	6	886
9	6.5	421
9.5	7	355
10	7.5	176
10.5	8	177
11	8.5	166
11.5	9	292
12	9.5	544
12.5	10	954

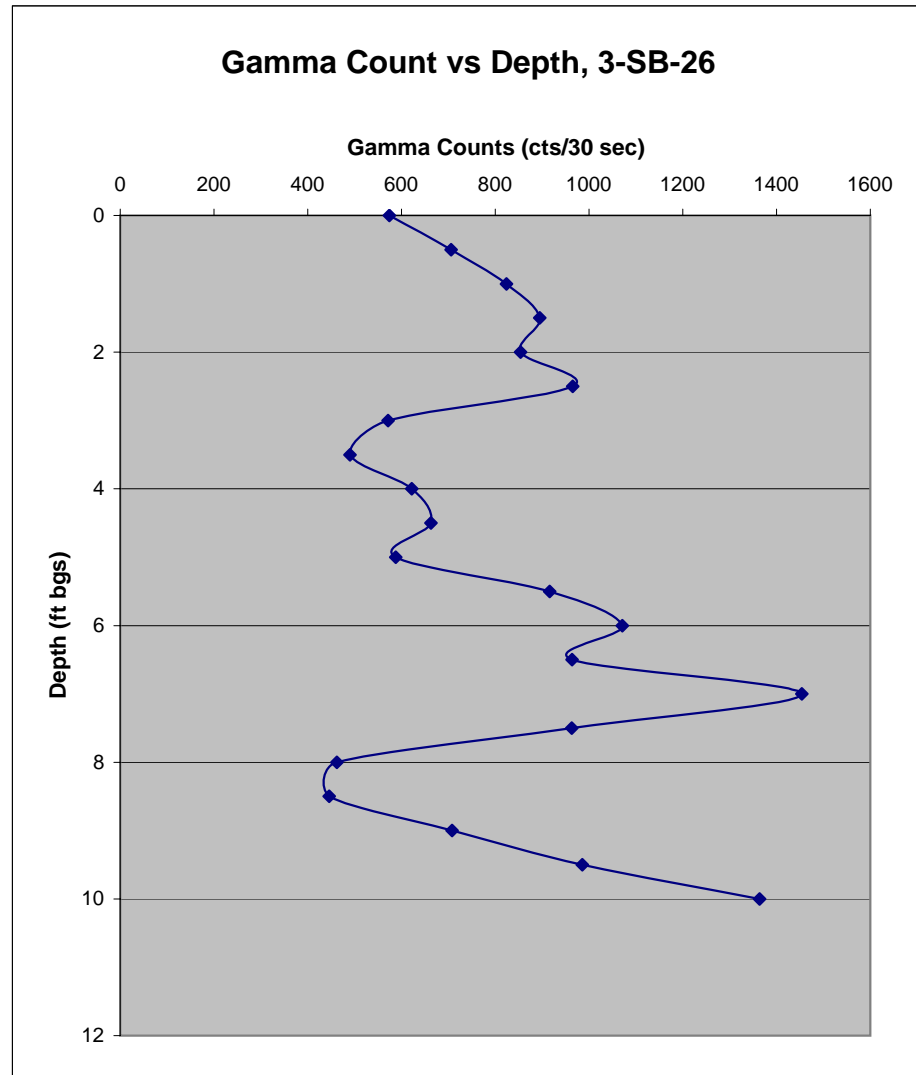
Mean	763
σ	469
2σ	938
3σ	1406
Mean + 3σ	2170



Date: 8/26/2003
 Location: 3-SB-26
 Stickup Height (ft): 2.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	0	574
3	0.5	706
3.5	1	824
4	1.5	895
4.5	2	854
5	2.5	965
5.5	3	571
6	3.5	490
6.5	4	622
7	4.5	663
7.5	5	588
8	5.5	916
8.5	6	1071
9	6.5	964
9.5	7	1454
10	7.5	963
10.5	8	462
11	8.5	446
11.5	9	708
12	9.5	986
12.5	10	1364

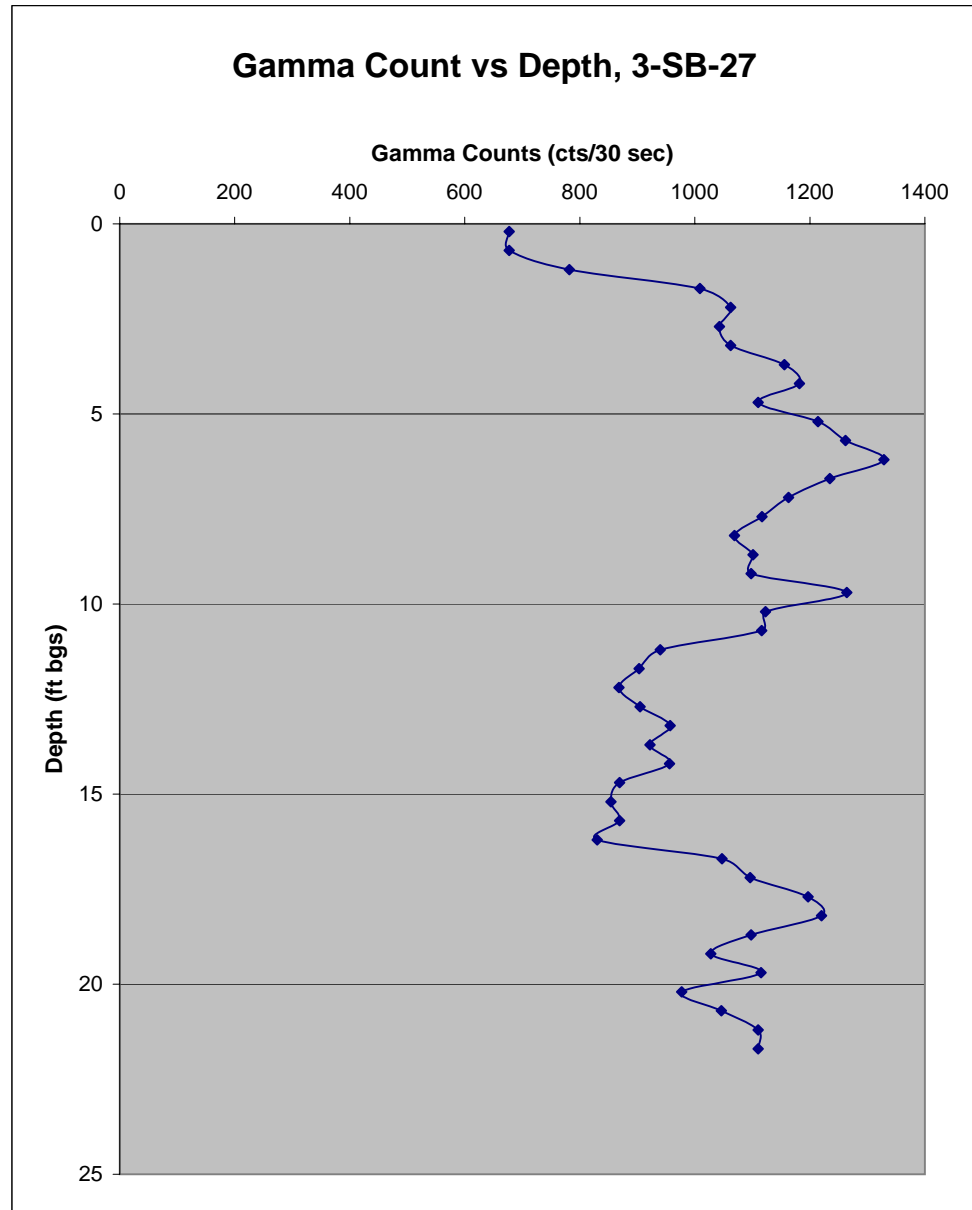
Mean	814
σ	275
2σ	549
3σ	824
Mean + 3σ	1638



Date: 8/22/2003
 Location: 3-SB-27
 Stickup Height (ft): 0.8

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	0.2	677
1.5	0.7	677
2	1.2	782
2.5	1.7	1009
3	2.2	1062
3.5	2.7	1043
4	3.2	1062
4.5	3.7	1156
5	4.2	1182
5.5	4.7	1110
6	5.2	1214
6.5	5.7	1262
7	6.2	1329
7.5	6.7	1235
8	7.2	1163
8.5	7.7	1117
9	8.2	1069
9.5	8.7	1101
10	9.2	1098
10.5	9.7	1264
11	10.2	1123
11.5	10.7	1116
12	11.2	940
12.5	11.7	903
13	12.2	868
13.5	12.7	905
14	13.2	957
14.5	13.7	922
15	14.2	956
15.5	14.7	869
16	15.2	854
16.5	15.7	869
17	16.2	830
17.5	16.7	1047
18	17.2	1096
18.5	17.7	1197
19	18.2	1220
19.5	18.7	1098
20	19.2	1028
20.5	19.7	1115
21	20.2	977
21.5	20.7	1046
22	21.2	1110
22.5	21.7	1110

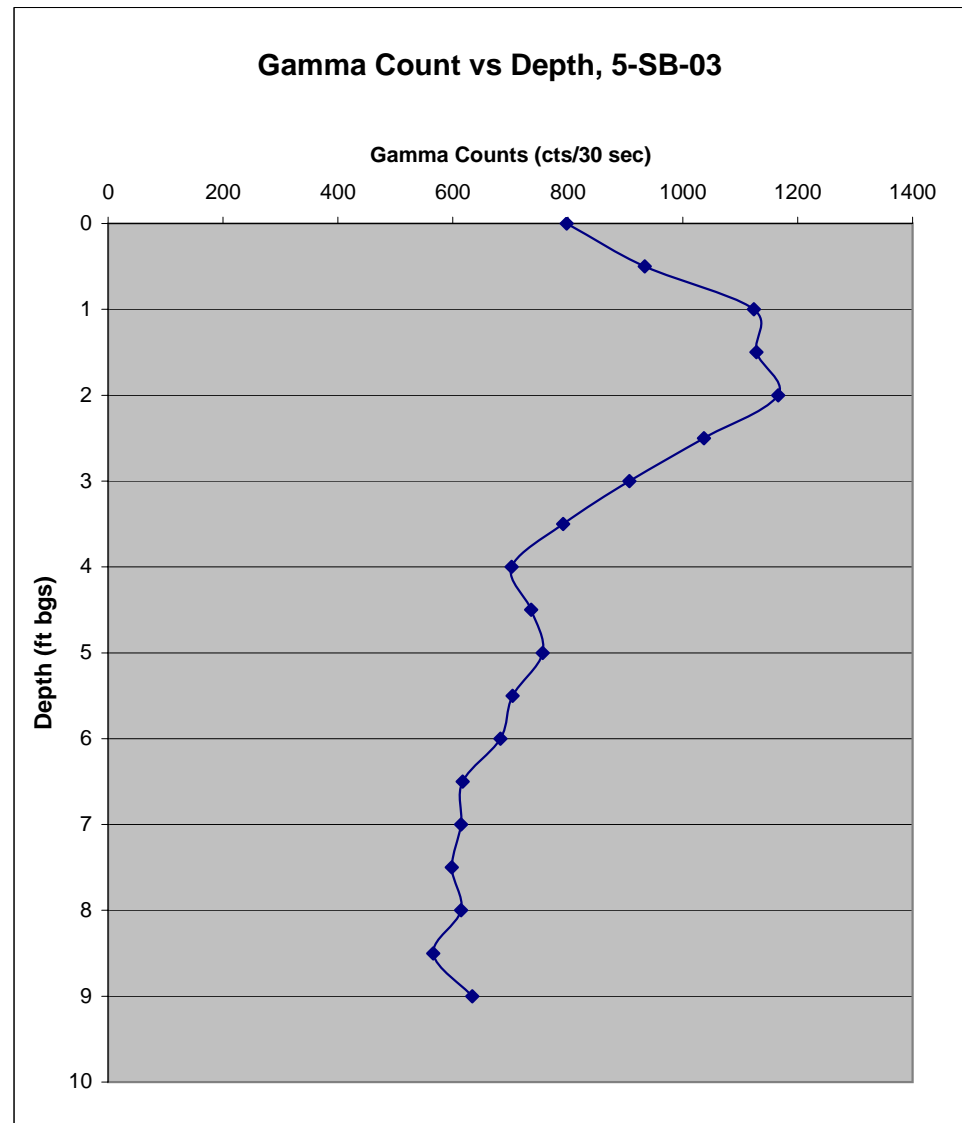
Mean	1067
σ	133
2σ	267
3σ	400
Mean + 3σ	1468



Date: 9/4/2003
 Location: 5-SB-03
 Stickup Height (ft): 3

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	0	798
3.5	0.5	934
4	1	1124
4.5	1.5	1128
5	2	1166
5.5	2.5	1037
6	3	907
6.5	3.5	792
7	4	702
7.5	4.5	736
8	5	756
8.5	5.5	704
9	6	683
9.5	6.5	617
10	7	614
10.5	7.5	598
11	8	614
11.5	8.5	566
12	9	634

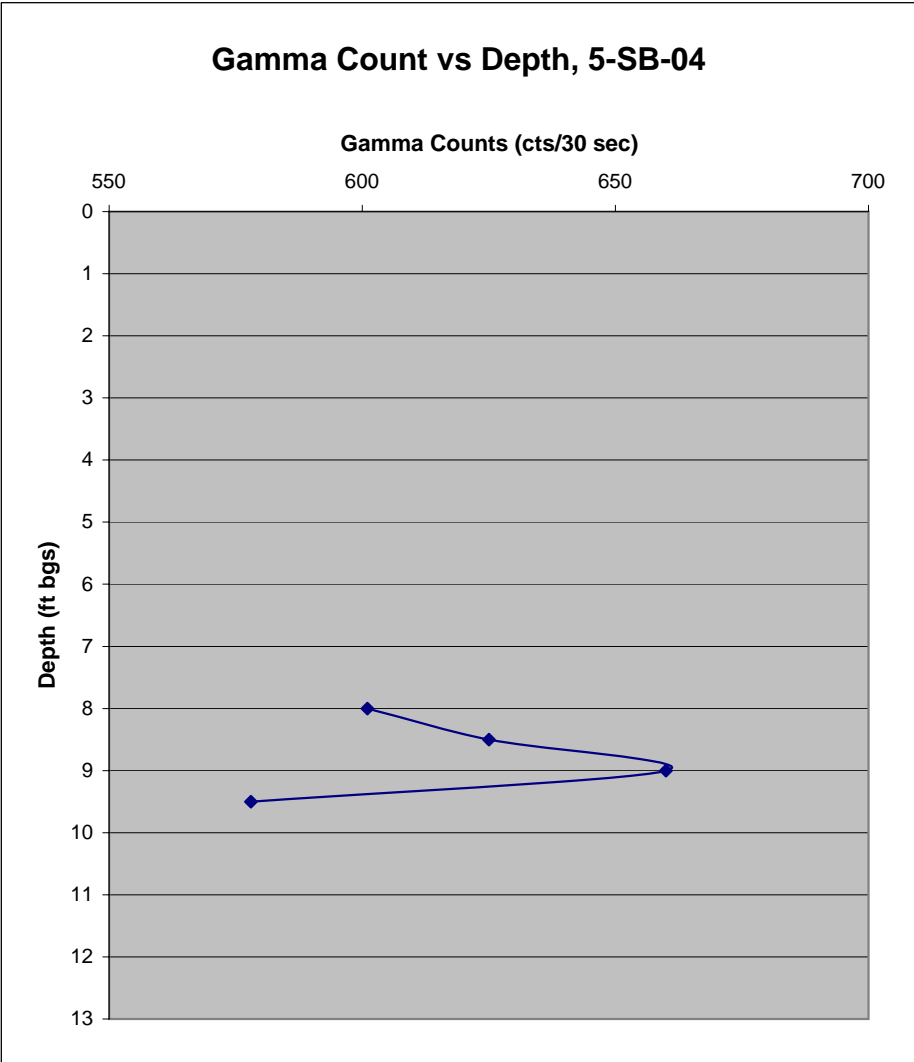
Mean	795
σ	197
2σ	393
3σ	590
Mean + 3σ	1385



Date: 9/4/2003
 Location: 5-SB-04
 Stickup Height (ft): 3

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	--	--
4	--	--
4.5	--	--
5	--	--
5.5	--	--
6	--	--
6.5	--	--
7	--	--
7.5	--	--
8	--	--
8.5	--	--
9	--	--
9.5	--	--
10	--	--
10.5	--	--
11	8	601
11.5	8.5	625
12	9	660
12.5	9.5	578

Mean	616
σ	35
2σ	70
3σ	105
Mean + 3σ	721

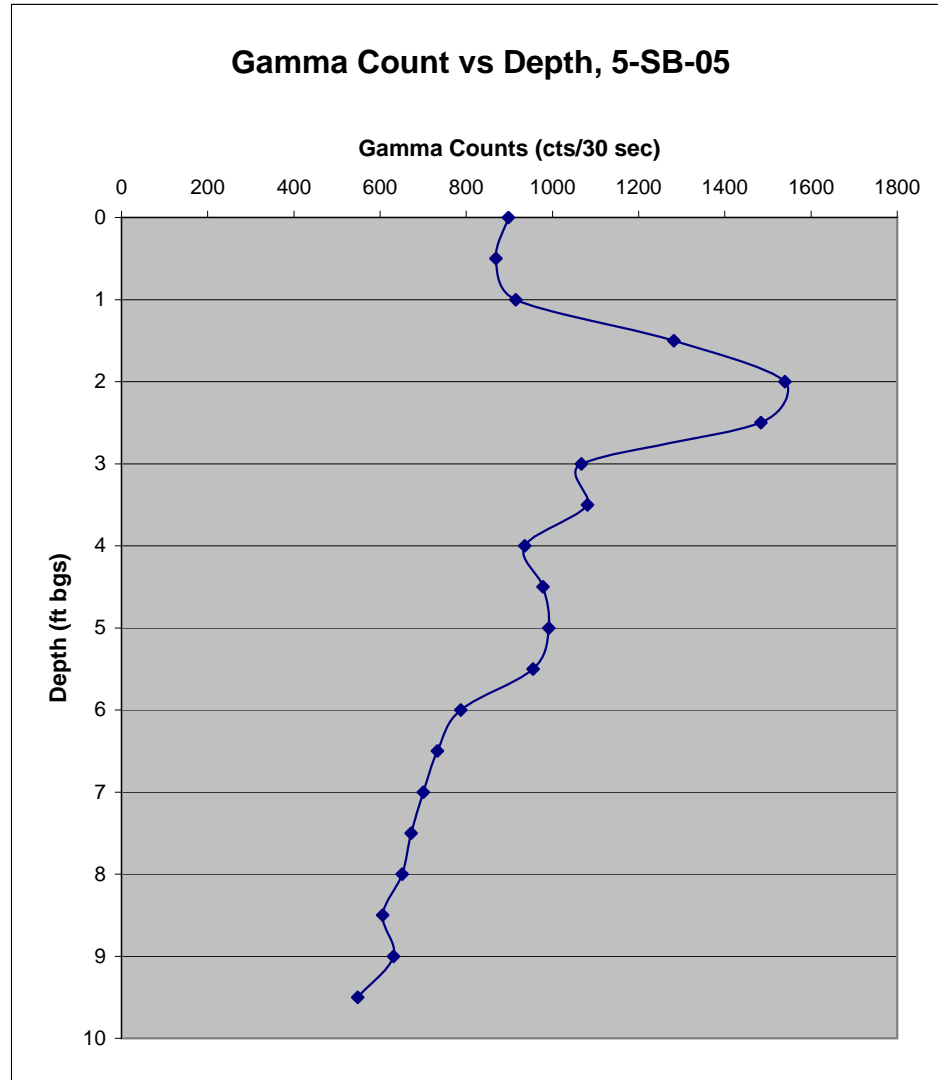


*Did not get full round of readings because of instrument malfunction as the result of heavy rain during sampling.

Date: 9/5/2003
 Location: 5-SB-05
 Stickup Height (ft): 3

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	0	898
3.5	0.5	869
4	1	915
4.5	1.5	1282
5	2	1539
5.5	2.5	1484
6	3	1067
6.5	3.5	1081
7	4	936
7.5	4.5	978
8	5	991
8.5	5.5	955
9	6	787
9.5	6.5	733
10	7	700
10.5	7.5	672
11	8	651
11.5	8.5	606
12	9	631
12.5	9.5	548

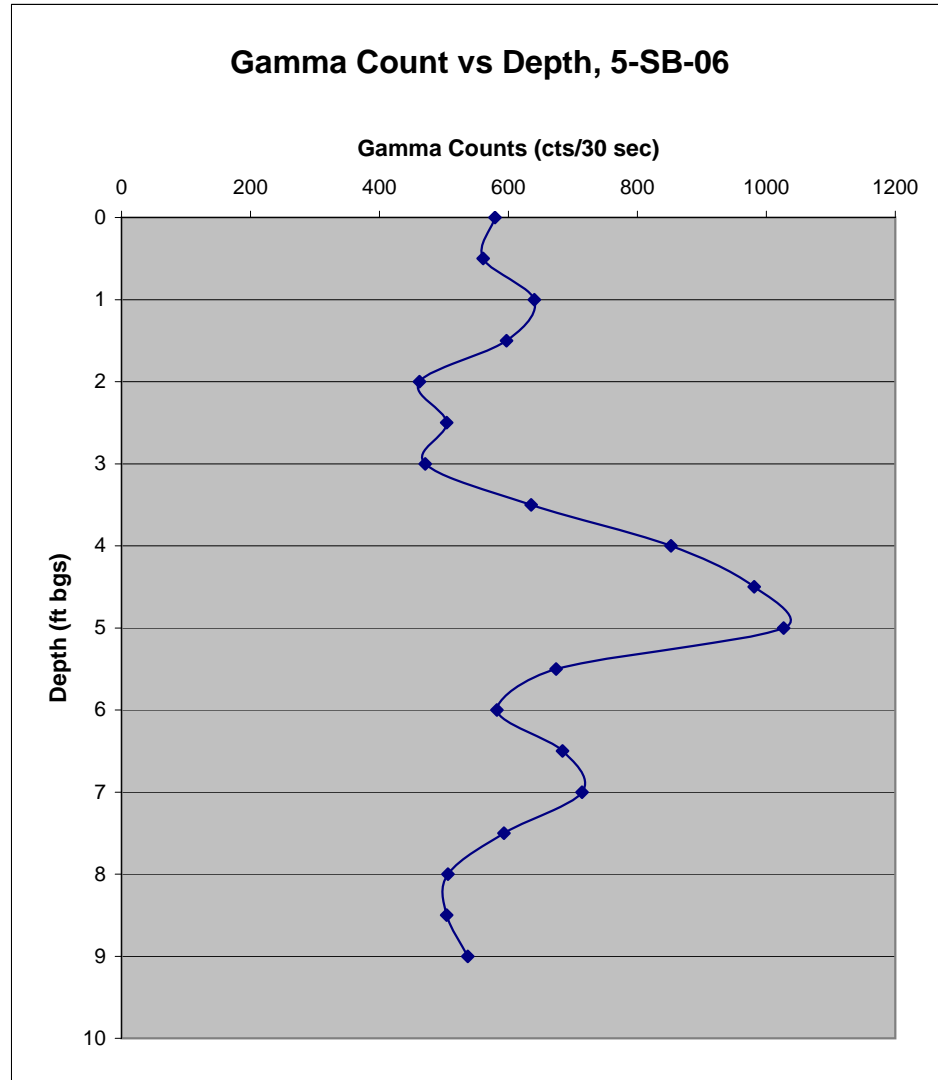
Mean	916
σ	276
2σ	552
3σ	828
Mean + 3σ	1744



Date: 9/5/2003
 Location: 5-SB-06
 Stickup Height (ft): 3.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	0	579
4	0.5	561
4.5	1	640
5	1.5	597
5.5	2	462
6	2.5	504
6.5	3	471
7	3.5	635
7.5	4	852
8	4.5	981
8.5	5	1027
9	5.5	674
9.5	6	582
10	6.5	684
10.5	7	714
11	7.5	593
11.5	8	506
12	8.5	504
12.5	9	537

Mean	637
σ	160
2σ	321
3σ	481
Mean + 3σ	1118



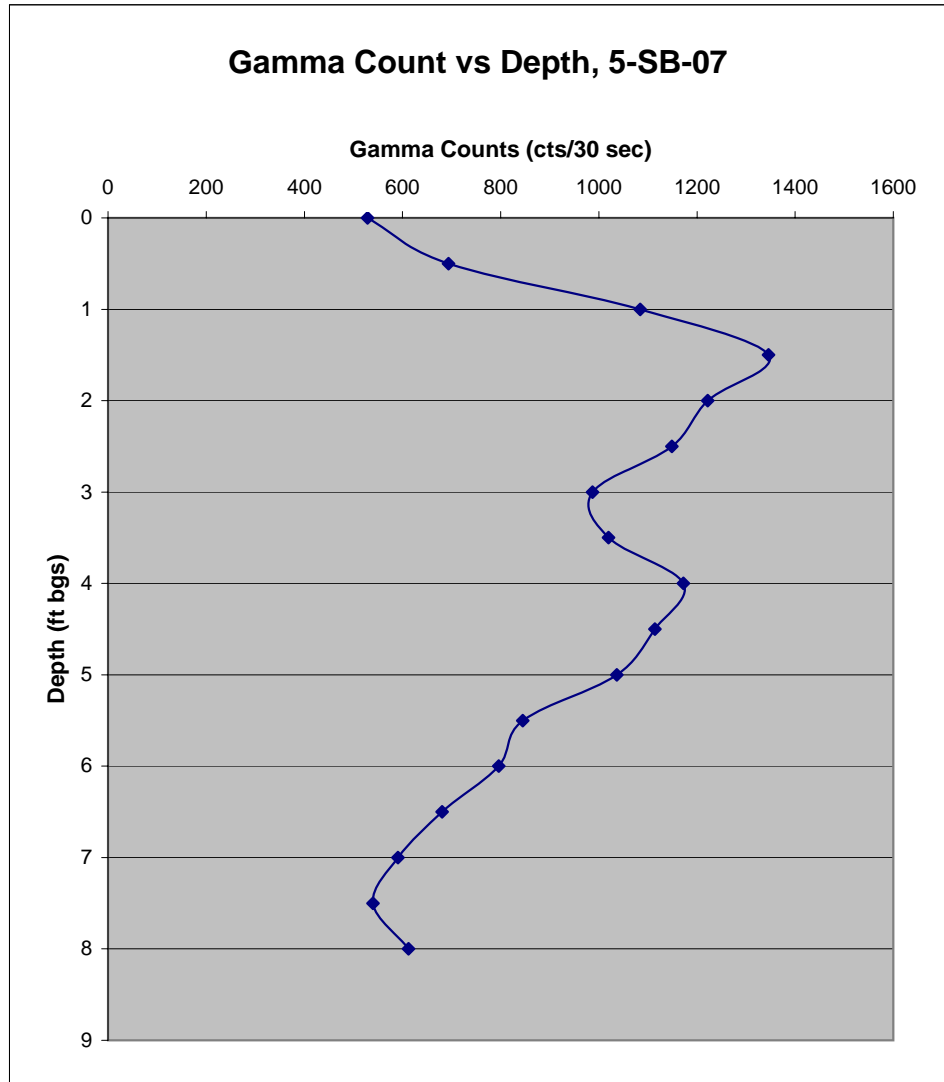
Date: 9/8/2003

Location: 5-SB-07

Stickup Height (ft): 3

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	0	529
3.5	0.5	694
4	1	1084
4.5	1.5	1346
5	2	1222
5.5	2.5	1149
6	3	987
6.5	3.5	1020
7	4	1172
7.5	4.5	1114
8	5	1037
8.5	5.5	845
9	6	796
9.5	6.5	681
10	7	591
10.5	7.5	540
11	8	612

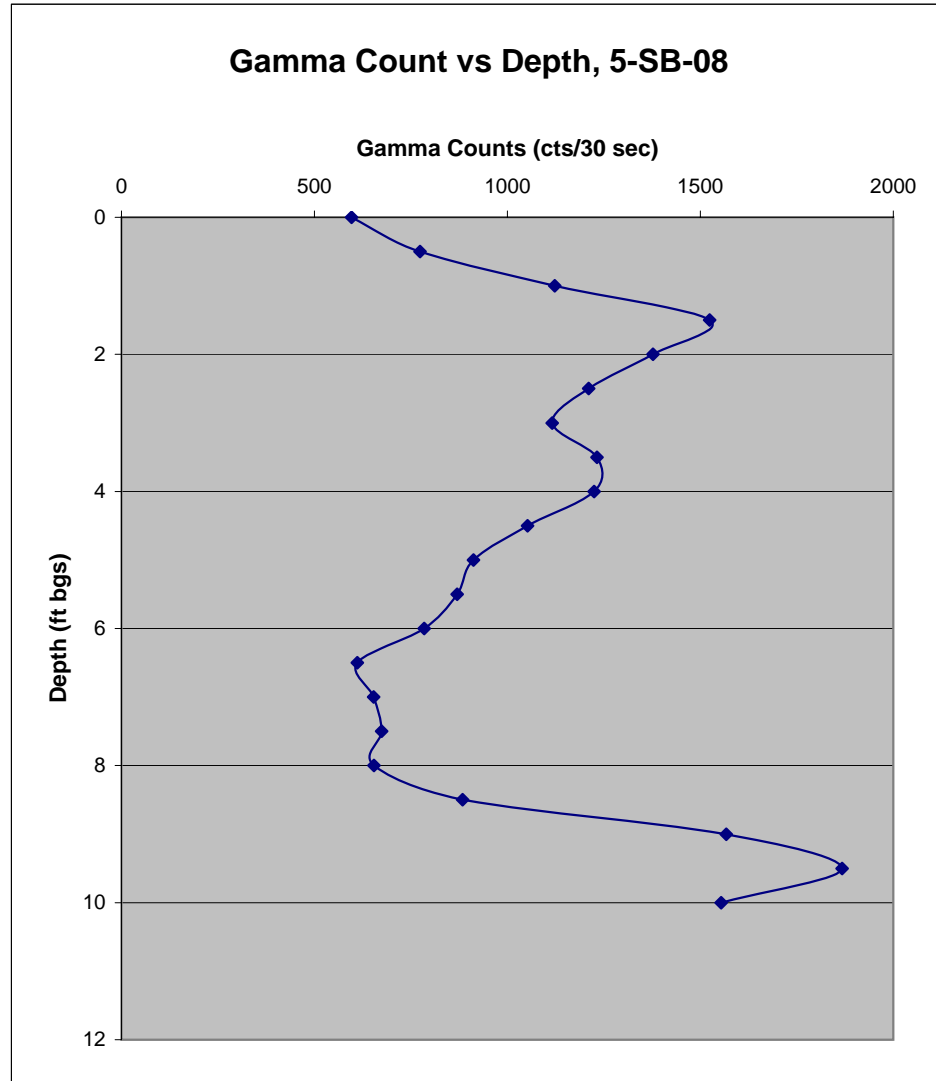
Mean	907
σ	263
2σ	526
3σ	789
Mean + 3σ	1696



Date: 9/2/2003
 Location: 5-SB-08
 Stickup Height (ft): 2.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	0	596
3	0.5	774
3.5	1	1123
4	1.5	1524
4.5	2	1377
5	2.5	1211
5.5	3	1116
6	3.5	1232
6.5	4	1225
7	4.5	1052
7.5	5	912
8	5.5	870
8.5	6	784
9	6.5	611
9.5	7	653
10	7.5	674
10.5	8	654
11	8.5	884
11.5	9	1567
12	9.5	1867
12.5	10	1554

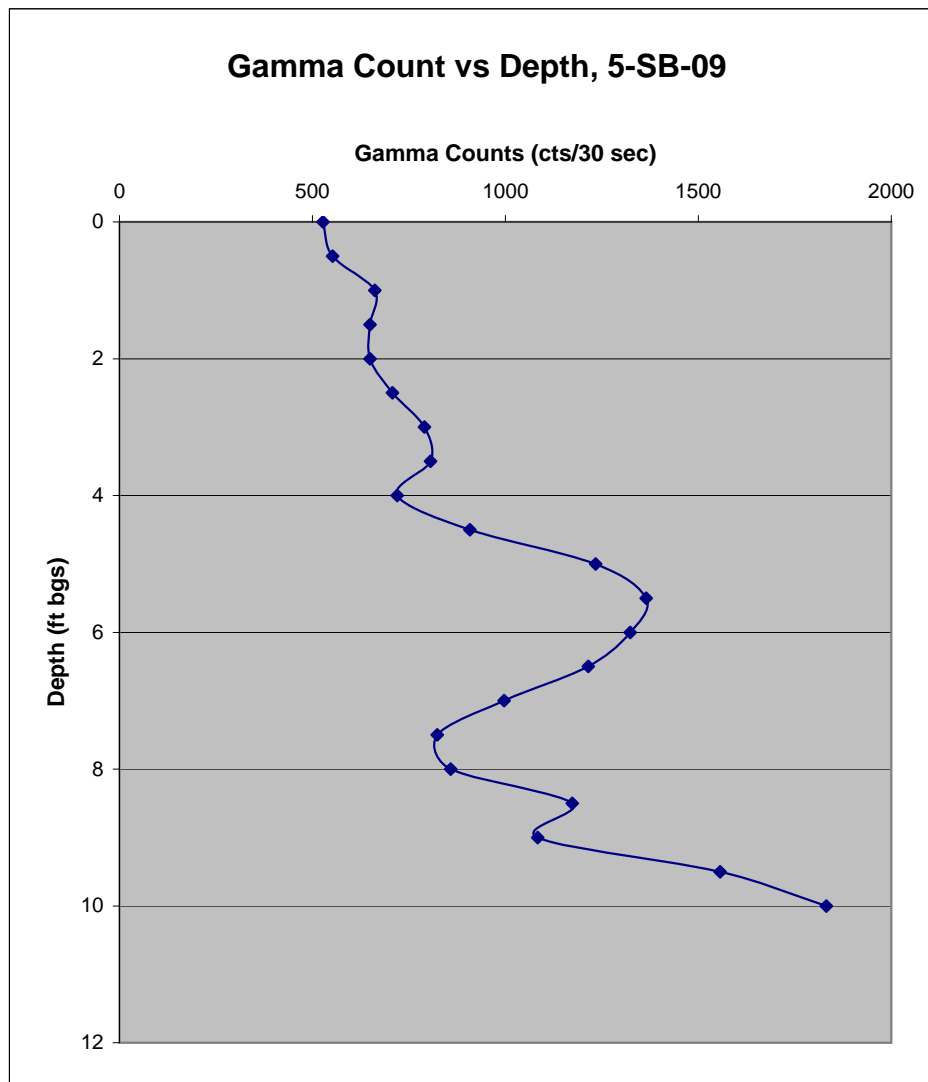
Mean	1060
σ	367
2σ	735
3σ	1102
Mean + 3σ	2162



Date: 9/8/2003
 Location: 5-SB-09
 Stickup Height (ft): 2.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	0	527
3	0.5	552
3.5	1	662
4	1.5	649
4.5	2	649
5	2.5	707
5.5	3	790
6	3.5	806
6.5	4	720
7	4.5	908
7.5	5	1234
8	5.5	1365
8.5	6	1323
9	6.5	1215
9.5	7	997
10	7.5	823
10.5	8	858
11	8.5	1173
11.5	9	1084
12	9.5	1556
12.5	10	1832

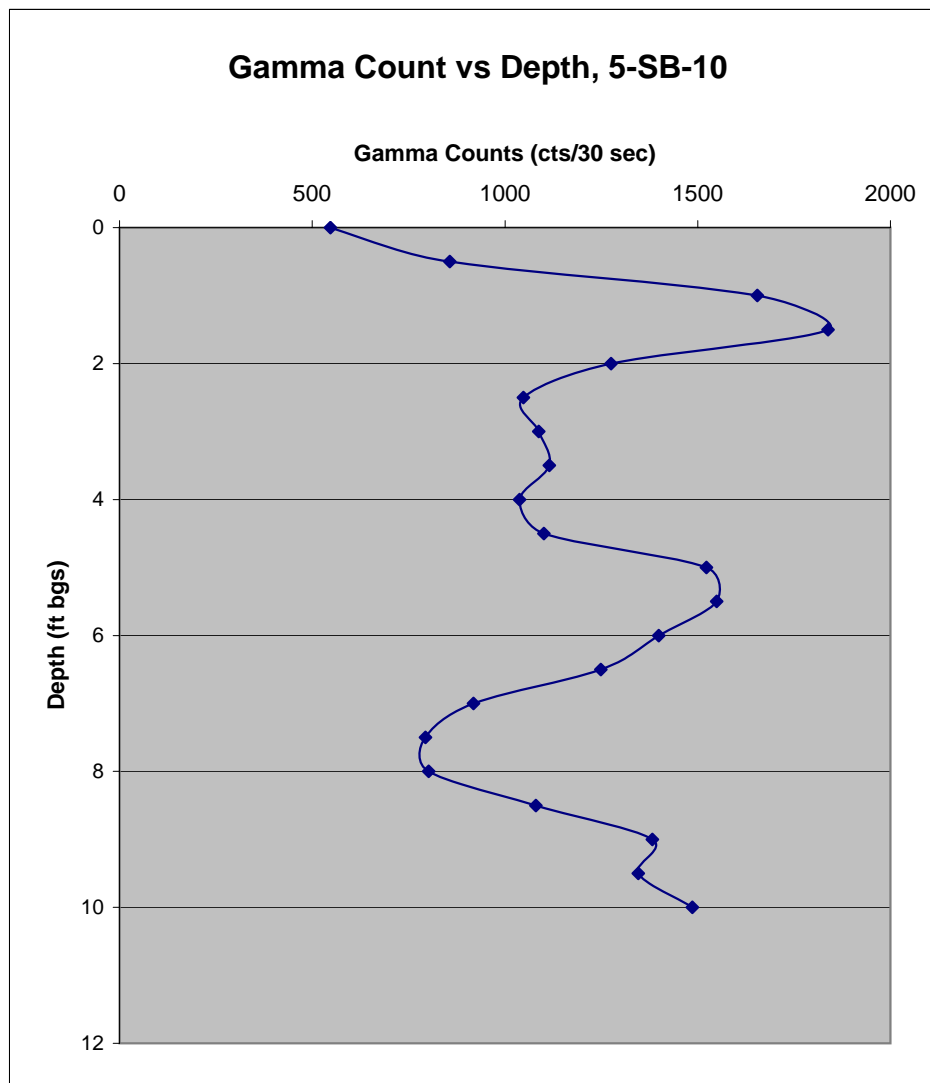
Mean	973
σ	350
2σ	700
3σ	1051
Mean + 3σ	2023



Date: 9/3/2003
 Location: 5-SB-10
 Stickup Height (ft): 2.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	0	547
3	0.5	857
3.5	1	1655
4	1.5	1838
4.5	2	1275
5	2.5	1048
5.5	3	1088
6	3.5	1115
6.5	4	1038
7	4.5	1101
7.5	5	1523
8	5.5	1549
8.5	6	1399
9	6.5	1249
9.5	7	918
10	7.5	794
10.5	8	802
11	8.5	1080
11.5	9	1382
12	9.5	1346
12.5	10	1486

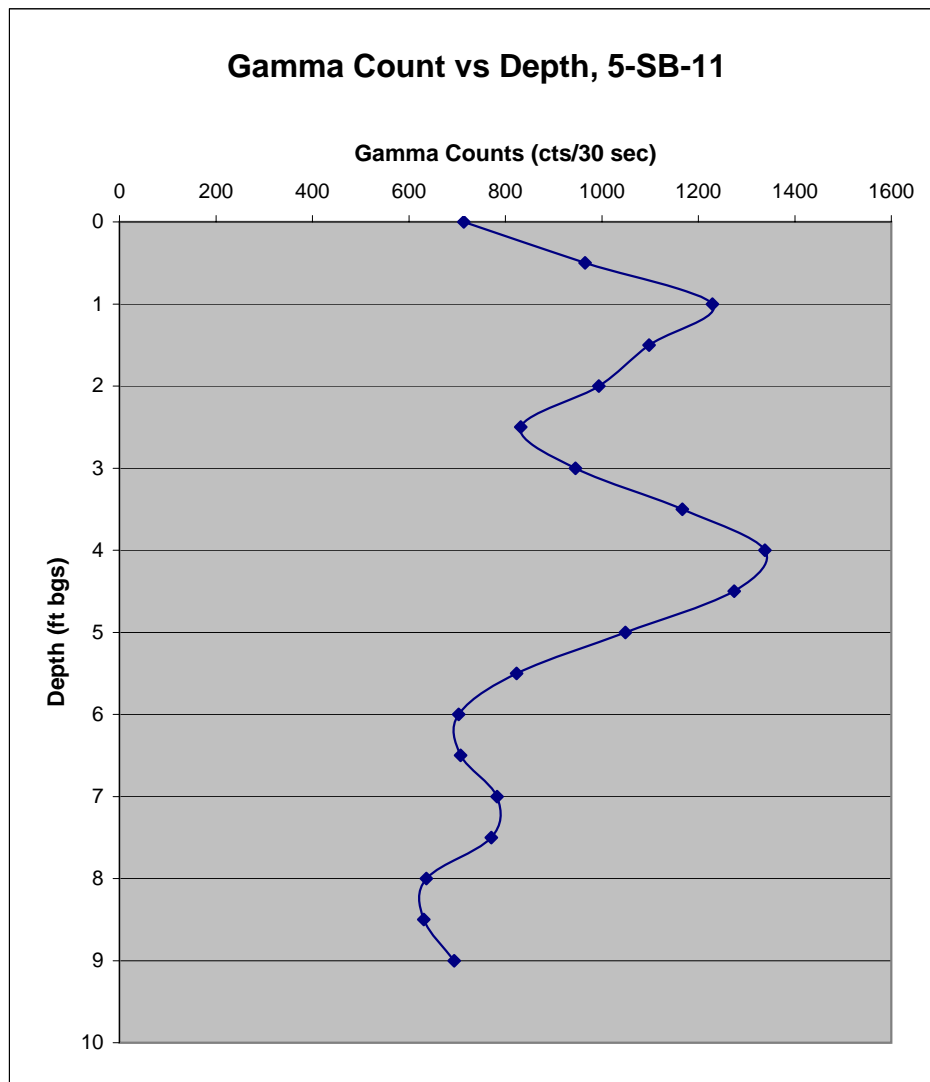
Mean	1195
σ	321
2σ	642
3σ	964
Mean + 3σ	2158



Date: 9/3/2003
 Location: 5-SB-11
 Stickup Height (ft): 3.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	--	--
3	--	--
3.5	0	714
4	0.5	965
4.5	1	1229
5	1.5	1098
5.5	2	994
6	2.5	832
6.5	3	945
7	3.5	1167
7.5	4	1338
8	4.5	1274
8.5	5	1049
9	5.5	823
9.5	6	703
10	6.5	707
10.5	7	783
11	7.5	771
11.5	8	636
12	8.5	631
12.5	9	694

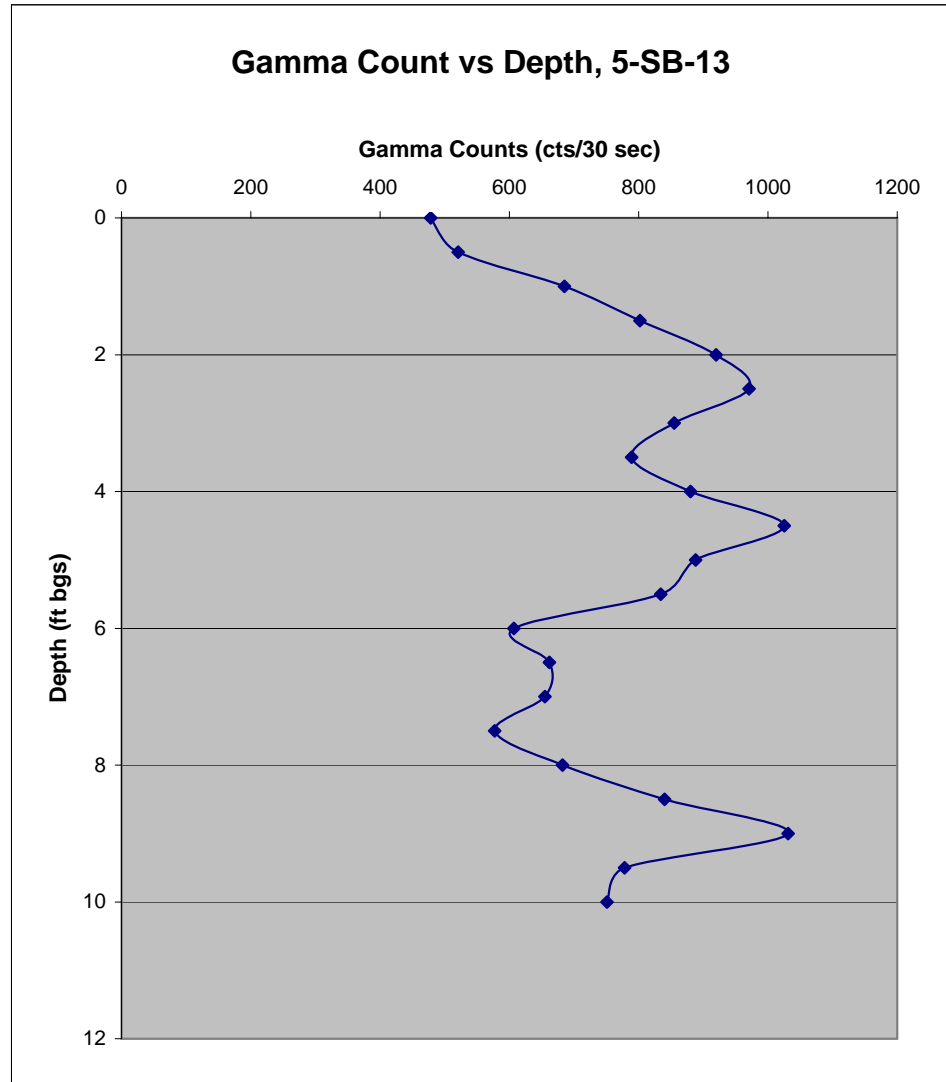
Mean	913
σ	226
2σ	452
3σ	678
Mean + 3σ	1592



Date: 9/2/2003
 Location: 5-SB-13
 Stickup Height (ft): 2.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	0	478
3	0.5	521
3.5	1	685
4	1.5	802
4.5	2	920
5	2.5	971
5.5	3	855
6	3.5	789
6.5	4	880
7	4.5	1025
7.5	5	888
8	5.5	834
8.5	6	607
9	6.5	662
9.5	7	655
10	7.5	577
10.5	8	682
11	8.5	840
11.5	9	1031
12	9.5	778
12.5	10	751

Mean	773
σ	157
2σ	313
3σ	470
Mean + 3σ	1243



Date: 8/29/2003
 Location: 5-SB-15
 Stickup Height (ft): 2.5

BORING DEPTH (ft FTOC)	BORING DEPTH (ft bgs)	GAMMA COUNTS (cts/30 sec)
0	--	--
0.5	--	--
1	--	--
1.5	--	--
2	--	--
2.5	0	582
3	0.5	614
3.5	1	713
4	1.5	622
4.5	2	835
5	2.5	1019
5.5	3	993
6	3.5	917
6.5	4	909
7	4.5	729
7.5	5	716
8	5.5	610
8.5	6	534
9	6.5	554
9.5	7	597
10	7.5	669
10.5	8	705
11	8.5	799
11.5	9	1499
12	9.5	1875
12.5	10	1837

Mean	873
σ	393
2σ	786
3σ	1179
Mean + 3σ	2052

