APPENDIX C

GRID SURVEY RECORDS

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-01
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area A				
Grid # 1				
17	16	16	17	16
17	16	16	16	15
16	16	16	16	16
16	18	16	14	16
16	18	16	16	16

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-01
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area A				
Grid # 2				
16	16	16	15	16
17	16	15	14	14
18	16	15	15	14
16	15	16	15	14
16	16	15	15	16

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-01
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area				
Grid # 3				
16	14	14	14	15
16	16	14	15	16
15	16	15	15	16
16	15	16	16	16
16	16	16	15	15

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-01
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area A				
Grid # 4				
14	16	15	16	16
15	16	14	15	15
15	16	16	16	15
16	16	16	15	14
15	15	16	16	15

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-01
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area A				
Grid # 5				
16	17	16	17	18
16	16	16	16	18
16	16	17	18	18
17	17	17	16	17
17	18	18	18	17

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-01
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area A				
Grid # 6				
15	14	15	16	16
16	15	16	16	16
16	15	15	15	16
16	16	16	17	17
16	17	18	18	17

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-01
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area A				
Grid # 7				
18	18	18		
18	18	18		
18	18	18		
18	18	18		
18	20	18		

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-01
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area A				
Grid # 8				
16	17	17		
18	18	18		
17	17	17		
17	17	17		
17	17	17		

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 1				
12	12	14	13	12
12	14	12	12	13
11	12	12	12	12
12	11	13	11	12
11	12	13	12	12

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 2				
14	13	14	14	14
15	15	14	14	13
15	15	12	14	15
14	15	14	14	14
14	14	14	14	14

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 3				
12	11	12	14	11
12	14	12	12	12
13	14	12	12	12
14	15	13	12	12
15	15	14	13	14

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 4				
11	11	11	12	12
12	12	12	12	11
11	12	12	11	12
13	12	13	12	12
12	12	12	11	12

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 5				
10	10	11	11	10
11	10	11	10	12
10	10	10	10	10
10	10	11	11	10
12	12	12	12	11

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 6				
10	9	9	9	9
10	9	9	8	8
11	10	10	12	10
10	12	12	11	10
10	10	10	11	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 7				
10	10	10	10	9
10	10	10	10	11
10	12	10	10	11
11	10	10	10	10
12	11	12	11	12

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 8				
11	10	10	10	10
11	11	10	10	10
10	11	10	10	10
10	10	10	11	11
12	12	12	12	12

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 9				
8	8	9	10	9
8	8	8	10	9
8	9	9	8	8
10	8	7	6	7
11	10	8	6	6

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 10				
12	12	10	8	6
10	11	12	8	7
12	12	12	8	6
12	13	10	8	8
13	12	8	7	8

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 11				
6	6	11	8	10
8	6	10	9	10
9	8	10	10	10
8	9	10	10	10
8	9	10	10	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 12				
12	12	13	12	8
12	12	14	11	8
13	14	14	12	10
14	12	14	13	10
14	14	13	12	12

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 13				
8	9	9	12	11
8	8	10	12	13
10	9	10	12	13
10	9	10	12	12
11	11	12	12	12

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 14				
14	14	14	12	12
14	14	12	14	13
14	14	12	14	12
14	14	15	14	12
14	15	14	14	11

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-02
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area B				
Grid # 15				
10	11	11	10	14
11	12	12	12	13
12	11	11	12	12
11	12	10	14	11
10	12	11	12	12

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-03
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area C				
Grid # 1				
11	11	11	12	11
12	11	9	10	9
12	11	11	11	10
12	11	10	12	10
10	12	10	10	12

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-03
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area C				
Grid # 2				
10	12	11	10	10
10	10	12	10	12
11	12	11	11	10
10	10	11	12	10
11	10	12	11	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-03
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area C				
Grid # 3				
11	12	12	13	14
12	13	12	13	13
9	10	10	10	9
12	10	11	10	10
12	12	12	10	11

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-03
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area C				
Grid # 4				
14	14	13	13	12
12	13	14	13	14
12	12	12	11	12
12	12	11	11	12
12	13	11	11	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-03
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area C				
Grid # 5				
13	12	10	14	11
12	10	11	12	11
10	11	12	11	10
10	11	9	10	11
10	10	10	9	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-03
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area C				
Grid # 6				
9	9	9	9	10
9	10	10	10	9
9	10	10	10	10
10	9	8	8	9
8	8	9	10	9

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-03
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area C				
Grid # 7				
10	10	10	10	11
8	8	8	9	10
10	9	9	10	10
9	10	9	9	9
9	9	9	10	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-03
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area C				
Grid # 8				
12	11	11	10	10
10	9	10	9	9
10	10	10	10	10
8	10	9	10	10
10	10	10	10	11

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-03
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area C				
Grid # 9				
9	10	10	10	10
10	10	8	9	10
10	10	10	10	10
10	9	9	10	10
10	10	9	10	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-03
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area C				
Grid # *10*				
10	12	11	10	11
10	10	11	11	10
9	10	10	10	11
10	10	10	10	10
9	9	10	10	9

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-03
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area C				
Grid # 11				
10	11	11	11	10
10	12	11	11	10
10	11	10	9	9
10	10	10	10	9
10	10	10	10	9

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-03
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area C				
Grid # 12				
10	11	11	11	11
10	10	10	10	10
9	10	10	9	9
11	10	9	10	8
9	8	9	9	9

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-03
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area C				
Grid # 13				
12	11	10	10	10
10	10	12	11	10
10	9	9	10	9
10	10	10	10	11
10	10	10	10	11

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-03
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area C				
Grid #				
9	10	10	11	10
10	10	9	10	10
10	11	9	9	10
12	11	10	10	10
11	10	10	10	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 1				
11	11	11	10	
10	10	10		
10				

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 2				
10	10	12	11	10
11	10	10	11	10
11	11	10	11	11
11	112	11	10	10
10	11	12	10	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 3				
9	10	10	10	9
10	9	9	10	
9	9	10		
10	10			

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 4				
10	10	10	11	10
11	10	10	10	11
10	11	10	10	10
11	10	10	11	10
10	10	11	11	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 5				
11	10	10	9	8
11	10	8	9	8
10	10	11	9	9
10	10	10	10	8
10	10	11	10	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 6				
8	8	9	10	10
9	9	9	8	10
9	9	9	10	10
10	10	9	9	9
10	9	10	10	9

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 7				
10	10	9	8	8
10	9	9	9	9
9	9	9	9	8
9	8	9	8	8
9	8	7	8	8

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 8				
9	9	9	9	9
9	9	9	8	8
8	9	8	8	9
8	8	8	8	7
8	8	8	8	8

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 9				
10	10	10	10	9
10	10	9	10	10
11	11	10	9	8
11	10	9	9	9
10	10	9	9	9

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 10				
10	10	10	10	9
10	10	10	10	10
10	10	10	10	9
10	10	10	9	9
10	10	10	8	9

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 11				
9	9	9	9	9
8	8	8	9	9
10	9	9	9	8
8	8	9	9	9
8	8	9	8	9

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 12				
10	10	9	9	8
9	8	8	8	8
9	9	10	9	10
9	9	8	9	8
8	8	9	9	8

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 13				
9	9	9	9	9
8	8	8	8	8
9	9	10	9	9
9	9	8	9	9
10	10	9	9	9

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 14				
9	10	9	10	9
10	10	9	10	9
9	10	10	10	9
10	11	10	10	10
11	10	10	10	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 15				
9	9	10	9	8
9	9	10	10	9
10	10	10	9	9
9	8	9	9	9
10	10	10	9	9

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 16				
9	8	10	11	10
9	10	9	10	10
9	8	8	9	9
8	8	9	10	9
8	9	9	8	9

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 17				
9	9	8	8	8
10	10	9	9	9
9	9	10	10	10
8	9	10	8	10
9	9	8	9	9

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-26-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 18				
9	9	9	9	10
9	9	9	10	9
10	10	9	9	9
9	10	8	8	9
9	9	10	9	8

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-04
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area D				
Grid # 19				
9	8	8		
9	8	8		
9	9	8		
9	9	9		
10	8	8		
9	9	9		
9	8	8		
8	8	9		
9	9	8		
9	8	9		

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 ttached to a 2x2 NaI detector. **NOTE: Grid D-19 is 20M long by 5M wide**

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-05
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area A at Final Grade				
Grid # 1				
10	10	10	11	10
11	10	10	10	11
10	11	10	10	10
11	10	10	11	12
10	10	11	11	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-05
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area A at Final Grade				
Grid # 2				
11	10	10	11	11
11	10	11	9	10
10	10	11	11	11
10	10	10	10	8
10	10	11	10	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-05
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area A at Final Grade				
Grid # 3				
10	10	10	12	12
10	10	10	9	12
10	10	10	12	12
12	12	10	10	10
12	10	12	12	9

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-05
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area A at Final Grade				
Grid # 4				
12	12	10	9	9
12	10	10	10	10
10	10	10	10	11
10	9	10	10	11
10	10	10	9	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-05
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area A at Final Grade				
Grid # 5				
10	10	10	10	10
10	10	10	11	11
9	10	11	11	10
11	10	10	11	9
9	9	9	9	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-05
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-26-02
Detector ID # 132949 Cal Due: 8-28-02

Area A at Final Grade				
Grid # 6				
12	12	12	12	10
12	12	10	12	12
13	13	12	10	9
13	12	10	10	10
12	12	10	10	10

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-05
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132940 Cal Due: 8-28-02

Area A at Final Grade				
Grid # 7				
12	12	12		
12	12	12		
12	12	12		
12	12	12		
12	12	12		

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

ATG Burial Mound Project - Pelham Range
Final Status Survey
Survey # FSS-5
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 8-28-02
Detector ID # 132949 Cal Due: 8-28-02

Area A at Final Grade				
Grid # 8				
10	10	10		
9	9	9		
12	10	10		
9	9	9		
9	9	10		

All readings are in gross CPM x1000 as observed on a Ludlum Model 12 attached to a 2x2 NaI detector

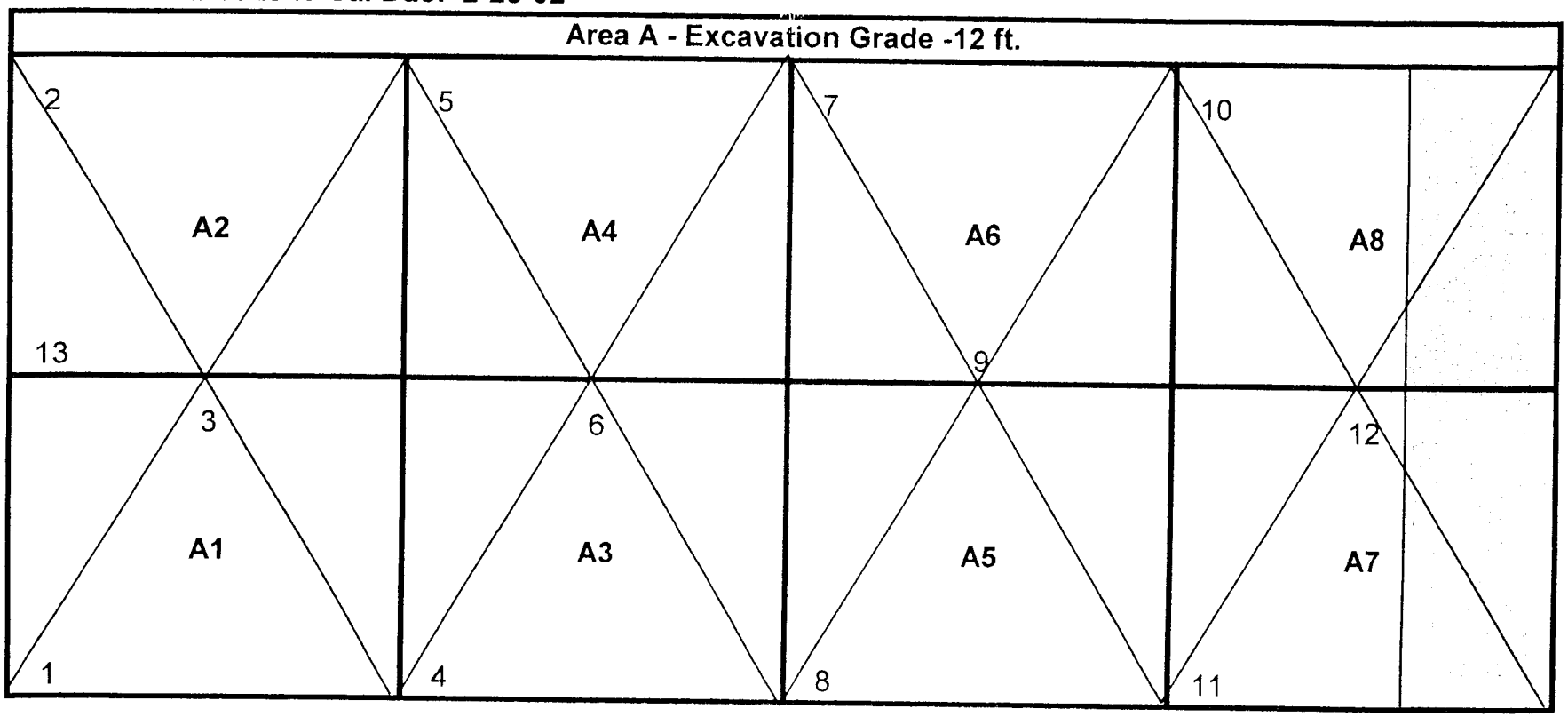
APPENDIX D

SOIL SAMPLE LOCATIONS

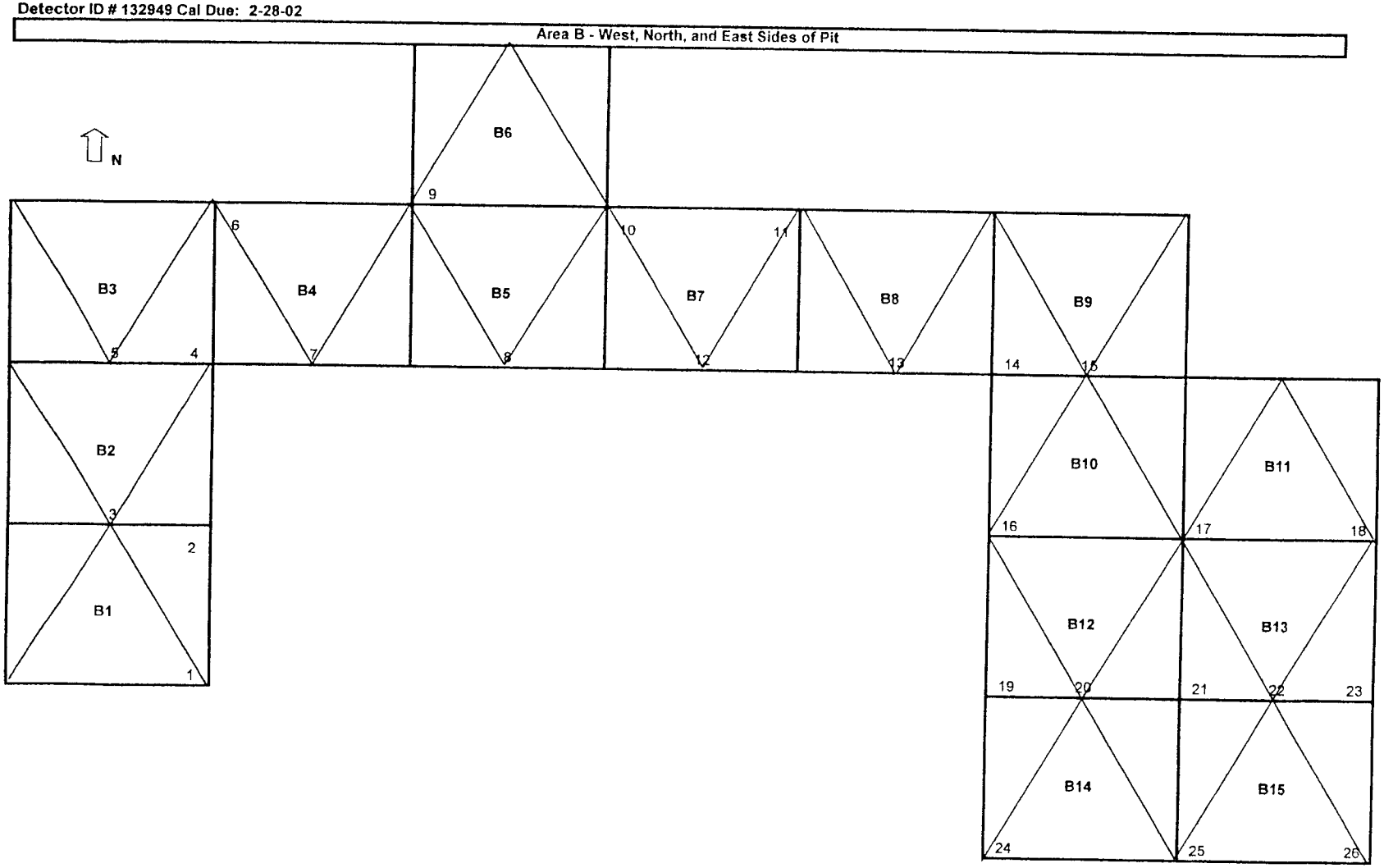
PLEASE NOTE

The attached sample analyses were performed at ATG Richland, WA, under the supervision of Joe Schroeder, or at ATG Oak Ridge, TN, under the supervision of Kevin Wright. The analysis records, as presented herein, is different for each facility. The subject laboratories are periodically audited and verified to meet the requirements of Reference 2. Sample volumes, weights, and count times are denoted on the individual survey records.

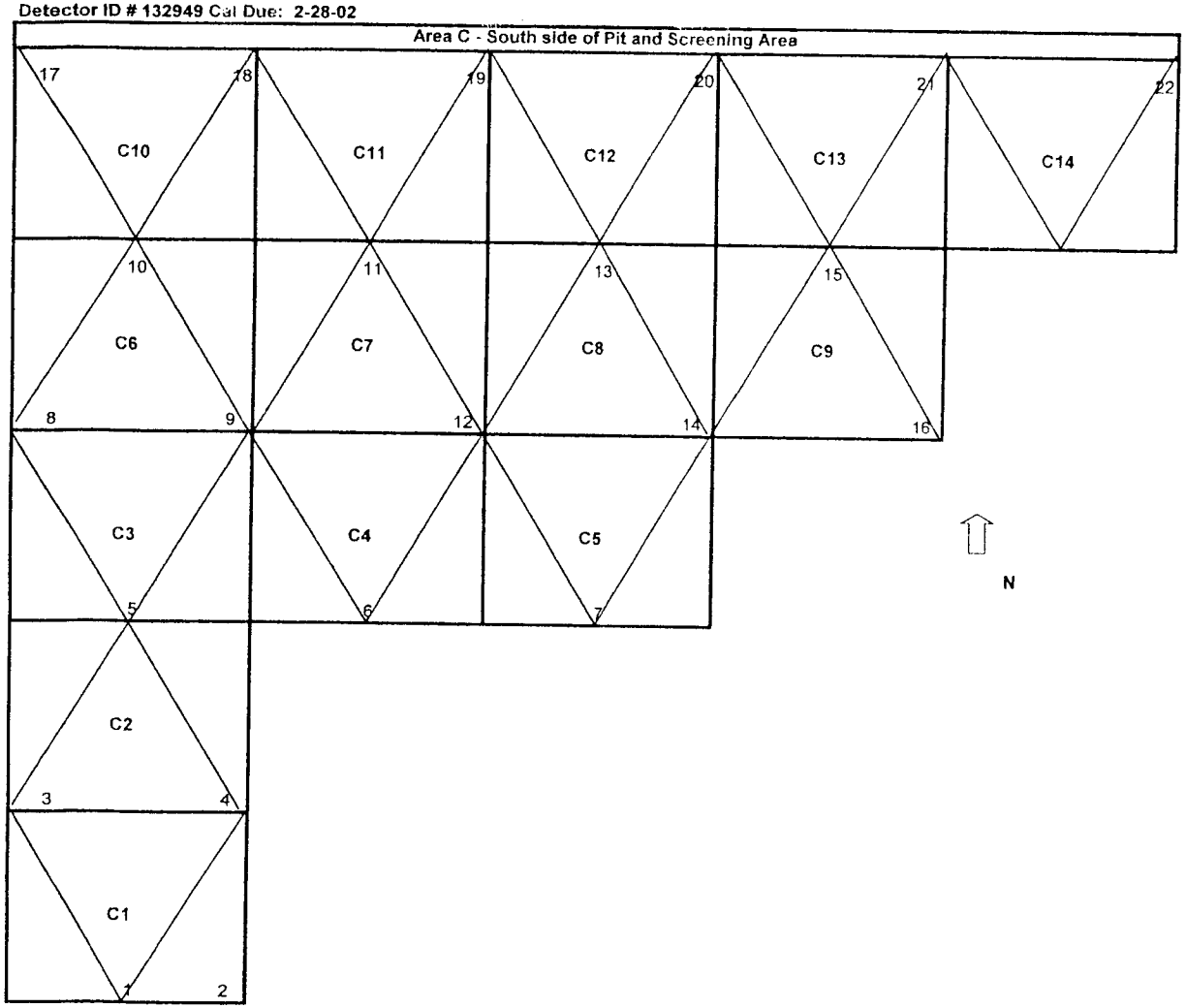
ATG Burial Mound Project - Pelham Range
Final Status Survey
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 2-28-02
Detector ID # 132949 Cal Due: 2-28-02



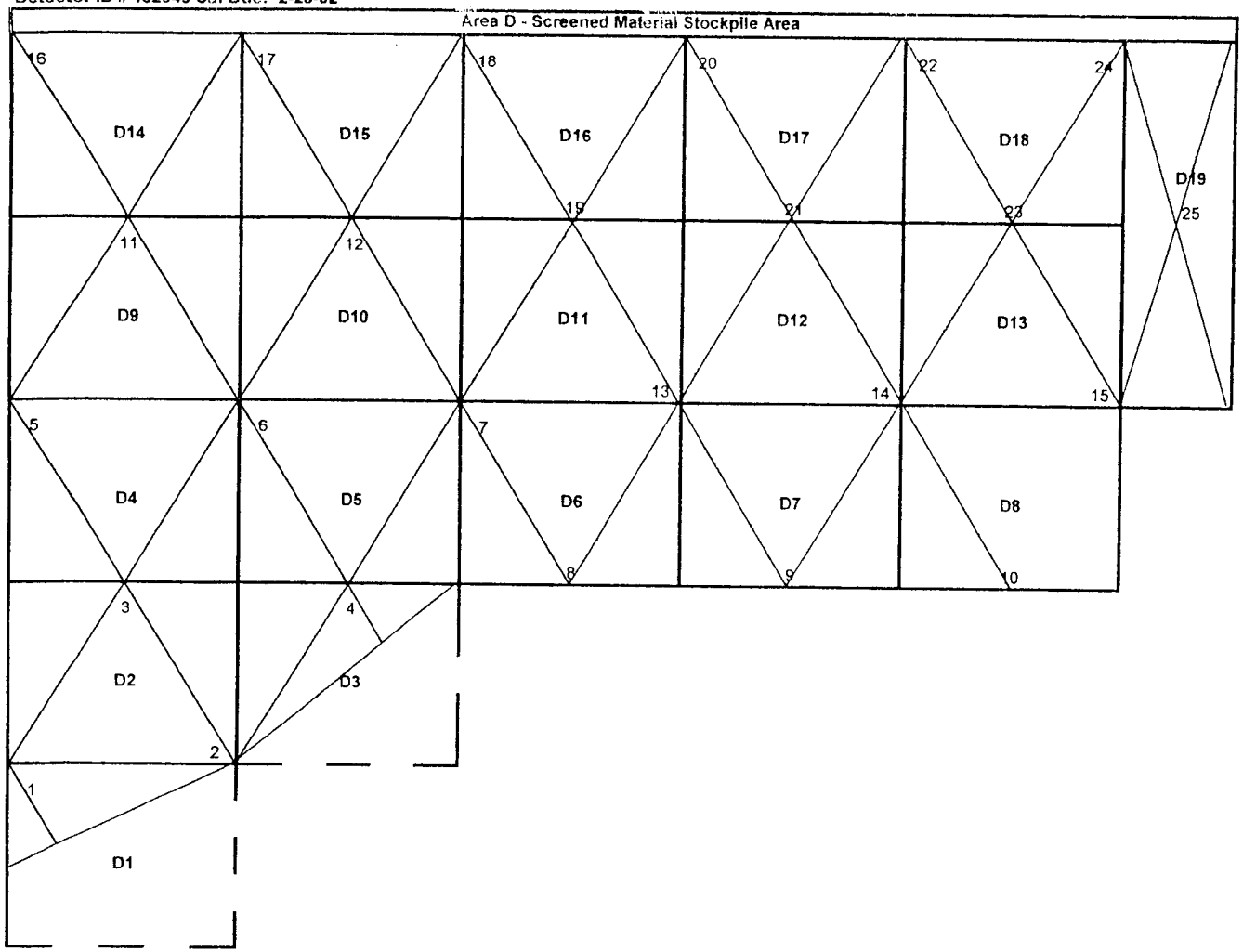
ATG Burial Mound Project - Pelham Range
Final Status Survey
Performed By: J. Coleman
Instrument ID # 125241 Cal Due: 2-28-02
Detector ID # 132949 Cal Due: 2-28-02



ATG Burial Mound Project - Pelham Range
Final Status Survey
Performed By: J. Colemans
Instrument ID # 125241 Cal Due: 2-28-02
Detector ID # 132949 Cal Due: 2-28-02



ATG Burial Mound Project - Pelham Range
Final Status Survey
Performed By: J. Cole
Instrument ID # 125241 Cal Due: 2-28-02
Detector ID # 132949 Cal Due: 2-28-02



APPENDIX E

SOIL SAMPLE ANALYSIS RESULTS

Final Radiological Status Report
Ft. McClellan, Pelham Range "Burial Mound"
Allied Technology Group Inc.

PLEASE NOTE

The attached sample analyses were performed at ATG Richland, WA, under the supervision of Joe Schroeder, or at ATG Oak Ridge, TN, under the supervision of Kevin Wright. The analysis records, as presented herein, is different for each facility. The subject laboratories are periodically audited and verified to meet the requirements of Reference 2. Sample volumes, weights, and count times are denoted on the individual survey records.

Final Radiological Status Report
Ft. McClellan, Pelham Range "Burial Mound"

	Sample Grid# / Sequential #	Co-60 pCi/g	MDA	$Conc_{Co60}$ / $DCGL_{Co60}$	Cs-137 pCi/g	MDA	$Conc_{Cs137}$ / $DCGL_{Cs137}$	Sum of Ratios C0-60+Cs 137	Total Counts .5 min count w/ 2221 & 2x2 NaI
Survey Unit A*									
* .5 min readings in Unit A collected at grade after backfill									
1	A1-1	< 0.17	0.17	0.074	0.19	0.09	0.0207	0.0946	5204
2	A2-2	< 0.19	0.19	0.083	< 0.15	0.15	0.0090	0.0916	5111
3	A2-3	< 0.19	0.19	0.083	< 0.08	0.08	0.0090	0.0916	5224
4	A1-4	< 0.16	0.16	0.070	< 0.17	0.17	0.0076	0.0771	5047
5	A3-5	< 0.17	0.17	0.074	< 0.11	0.11	0.0080	0.0819	5387
6	A4-6	< 0.16	0.16	0.070	< 0.19	0.19	0.0076	0.0771	5184
7	A3-7	0.21	0.15	0.091	1.25	0.24	0.1359	0.2272	5192
8	A5-8	< 0.19	0.19	0.083	< 0.16	0.16	0.0090	0.0916	5115
9	A6-9	< 0.20	0.2	0.087	< 0.19	0.19	0.0095	0.0964	5305
10	A5-10	< 0.18	0.18	0.078	< 0.12	0.12	0.0085	0.0868	5411
11	A7-11	< 0.24	0.24	0.104	< 0.16	0.16	0.0113	0.1157	5304
12	A8-12	< 0.14	0.14	0.061	< 0.16	0.16	0.0066	0.0675	5239
13	A8-13	< 0.24	0.24	0.104	< 0.17	0.17	0.0113	0.1157	5091
Survey Unit B									
1	B1-1	< 0.16	0.16	0.070	1.05 ñ 0.19	0.19	0.008	0.077	4556
2	B1-2	< 0.14	0.14	0.061	< 0.10	0.1	0.007	0.067	4772
3	B2-3	< 0.18	0.18	0.078	< 0.11	0.11	0.009	0.087	4765
4	B3-4	< 0.07	0.07	0.030	< 0.11	0.11	0.003	0.034	4724
5	B3-5	< 0.09	0.09	0.039	< 0.10	0.1	0.004	0.043	4459
6	B3-6	< 0.05	0.05	0.022	< 0.10	0.1	0.002	0.024	4165
7	B4-7	< 0.11	0.11	0.048	< 0.12	0.12	0.005	0.053	5156
8	B5-8	< 0.13	0.13	0.057	0.21	0.09	0.023	0.079	5104
9	B6-9	< 0.10	0.1	0.043	0.26	0.1	0.028	0.072	4137
10	B7-10	< 0.10	0.1	0.043	< 0.09	0.09	0.005	0.048	4340
11	B7-11	< 0.09	0.09	0.039	0.43	0.1	0.047	0.086	4264
12	B7-12	< 0.08	0.08	0.035	0.26	0.07	0.028	0.063	5165
13	B8-13	< 0.11	0.11	0.048	< 0.08	0.08	0.005	0.053	5216
14	B9-14	< 0.15	0.15	0.065	< 0.11	0.11	0.007	0.072	4883
15	B9-15	< 0.12	0.12	0.052	< 0.09	0.09	0.006	0.058	4061
16	B10-16	< 0.20	0.2	0.087	0.14	0.08	0.015	0.102	5534
17	B11-17	0.21	0.15	0.091	0.95	0.19	0.103	0.195	5261
18	B11-18	< 0.10	0.1	0.043	< 0.13	0.13	0.005	0.048	4776
19	B12-19	< 0.14	0.14	0.061	< 0.12	0.12	0.007	0.067	5334
20	B12-20	< 0.22	0.22	0.096	< 0.13	0.13	0.010	0.106	4713
21	B13-21	< 0.14	0.14	0.061	0.28	0.09	0.030	0.091	4969
22	B13-22	0.17	0.11	0.074	0.6	0.14	0.065	0.139	4792
23	B13-23	< 0.14	0.14	0.061	0.17	0.1	0.018	0.079	4832
24	B14-24	< 0.19	0.19	0.083	0.19	0.1	0.021	0.103	4964
25	B15-25	< 0.06	0.06	0.026	< 0.08	0.08	0.003	0.029	5158
26	B15-26	< 0.16	0.16	0.070	0.15	0.08	0.016	0.086	4980

Final Radiological Status Report
Ft. McClellan, Pelham Range "Burial Mound"

	Sample Grid# / Sequential #	Co-60 pCi/g	MDA	$Conc_{Co60}$ / $DCGL_{Co60}$	Cs-137 pCi/g	MDA	$Conc_{Cs137}$ / $DCGL_{Cs137}$	Sum of Ratios C0-60+Cs 137	Total Counts .5 min count w/ 2221 & 2x2 NaI
Survey Unit C									
1	C1-1	< 0.12	0.12	0.052	< 0.08	0.08	0.006	0.058	4388
2	C1-2	< 0.12	0.12	0.052	< 0.10	0.1	0.006	0.058	4542
3	C2-3	< 0.10	0.1	0.043	0.1	0.06	0.011	0.054	4372
4	C2-4	0.1	0.08	0.043	0.33	0.09	0.036	0.079	4549
5	C3-5	< 0.11	0.11	0.048	0.36	0.09	0.039	0.087	4335
6	C4-6	< 0.11	0.11	0.048	0.17	0.06	0.018	0.066	4441
7	C5-7	< 0.09	0.09	0.039	0.15	0.06	0.016	0.055	4452
8	C6-8	< 0.09	0.09	0.039	< 0.08	0.08	0.004	0.043	4532
9	C6-9	0.86	0.18	0.374	4.75	0.55	0.516	0.890	4466
10	C6-10	< 0.11	0.11	0.048	0.25	0.08	0.027	0.075	4313
11	C7-11	0.1	0.08	0.043	0.19	0.06	0.021	0.064	4700
12	C7-12	0.14	0.08	0.061	0.28	0.07	0.030	0.091	4698
13	C8-13	0.15	0.11	0.065	0.16	0.07	0.017	0.083	4570
14	C8-14	0.74	0.17	0.322	0.41	0.1	0.045	0.366	4746
15	C9-15	0.52	0.15	0.226	0.74	0.14	0.080	0.307	4604
16	C9-16	0.3	0.11	0.130	0.71	0.13	0.077	0.208	5011
17	C10-17	< 0.17	0.17	0.074	< 0.15	0.15	0.008	0.082	3907
18	C10-18	< 0.12	0.12	0.052	0.17	0.07	0.018	0.071	5256
19	C11-19	0.1	0.07	0.043	0.17	0.07	0.018	0.062	5455
20	C12-20	0.18 ñ 0.11	0.11	0.048	0.48	0.11	0.052	0.100	5466
21	C13-21	0.24	0.14	0.104	0.73	0.15	0.079	0.184	5415
22	C14-22	< 0.08	0.08	0.035	0.13	0.06	0.014	0.049	5404

Final Radiological Status Report
Ft. McClellan, Pelham Range "Burial Mound"

	Sample Grid# / Sequential #	Co-60 pCi/g	MDA	$Conc_{Co60}$ / $DCGL_{Co60}$	Cs-137 pCi/g	MDA	$Conc_{Cs137}$ / $DCGL_{Cs137}$	Sum of Ratios C0-60+Cs 137	Total Counts .5 min count w/ 2221 & 2x2 NaI
Survey Unit D									
1	D1-1	0.17	0.1	0.074	0.29	0.08	0.032	0.105	4512
2	D2-2	0.08	0.08	0.035	1.16	0.18	0.126	0.161	4146
3	D2-3	0.15	0.08	0.065	0.26	0.07	0.028	0.093	4986
4	D3-4	< 0.08	0.08	0.035	0.27	0.08	0.029	0.064	5133
5	D4-5	0.16	0.09	0.070	0.36	0.1	0.039	0.109	5102
6	D5-6	0.15	0.09	0.065	0.3	0.09	0.033	0.098	4904
7	D6-7	< 0.06	0.06	0.026	0.21	0.07	0.023	0.049	3997
8	D6-8	< 0.09	0.09	0.039	0.25	0.07	0.027	0.066	4534
9	D7-9	< 0.05	0.05	0.022	0.16	0.06	0.017	0.039	4188
10	D8-10	< 0.09	0.09	0.039	0.37	0.09	0.040	0.079	4250
11	D9-11	0.09	0.07	0.039	0.28	0.08	0.030	0.070	4675
12	D10-12	<0.10	0.1	0.043	0.37	0.09	0.040	0.084	4516
13	D11-13	< 0.08	0.08	0.035	0.39	0.1	0.042	0.077	4697
14	D12-14	< 0.07	0.07	0.030	< 0.09	0.09	0.010	0.040	4309
15	D13-15	< 0.05	0.05	0.022	0.21	0.07	0.023	0.045	4338
16	D14-16	< 0.08	0.08	0.035	< 0.09	0.09	0.004	0.039	4407
17	D15-17	< 0.13	0.13	0.057	0.18	0.07	0.020	0.076	4307
18	D16-18	0.25	0.11	0.109	0.48	0.1	0.052	0.161	4413
19	D16-19	< 0.09	0.09	0.039	0.34	0.08	0.037	0.076	4301
20	D17-20	< 0.06	0.06	0.026	0.54	0.1	0.059	0.085	4575
21	D17-21	< 0.10	0.1	0.043	< 0.09	0.09	0.005	0.048	4401
22	D18-22	< 0.11	0.11	0.048	0.45	0.1	0.049	0.097	4310
23	D18-23	< 0.11	0.11	0.048	0.21	0.07	0.023	0.071	4620
24	D19-24	< 0.11	0.11	0.048	0.23	0.07	0.025	0.073	4710
25	D19-25	< 0.10	0.1	0.043	0.3	0.08	0.033	0.076	4416

Final Radiological Status Report
Ft. McClellan, Pelham Range "Burial Mound"

Sample #	Co-60 pCi/g	MDA Co-60	$Conc_{Co60}$ / $DCGL_{Co60}$	Cs-137 pCi/g	MDA Cs-137	$Conc_{Cs137}$ / $DCGL_{Cs137}$	Sum of Ratios C0-60+Cs 137	
B-1	0.36	0.11	0.157	<MDA,	not reported	0	0.157	Background
B-2	.11 >	0.07	0.030	0.14	0.09	0.015	0.046	Background
B-3	.23 >	0.13	0.057	1.03	0.13	0.112	0.168	Background
B-4	<MDA	not reported	0	0.82	0.12	0.089	0.089	Background
B-5	<MDA,	Not reported	0	0.55	0.13	0.060	0.060	Background
Samples taken daily from Processed Soil								
P-1	0.2	0.06	0.087	1.9	0.1	0.207	0.293	1
P-2	0.35	0.08	0.152	1.85	0.1	0.201	0.353	2
P-3	0.23	0.12	0.100	1.2	0.14	0.130	0.230	3
P-4	<MDA,	not reported	0	0.63	0.11	0.068	0.068	4
P-5	0.28	0.1	0.122	1.1	0.18	0.120	0.241	5
P-6	0.29	0.09	0.126	<MDA,	not reported	0	0.126	6
P-7	0.61	0.12	0.265	1.8	0.12	0.196	0.461	7
P-8	0.25	0.09	0.109	0.95	0.12	0.103	0.212	8
P-9	0.46	0.08	0.200	1.85	0.1	0.201	0.401	9
P-10	0.31	0.1	0.135	2.45	0.19	0.266	0.401	10
P-11	0.27	0.1	0.117	2.9	0.12	0.315	0.433	11
P-12	0.78	0.08	0.339	1.2	0.11	0.130	0.470	12
P-13	0.47	0.08	0.204	1.8	0.09	0.196	0.400	13
P-14	0.26	0.11	0.113	0.87	0.11	0.095	0.208	14
P-15	0.13	0.09	0.057	1.3	0.11	0.141	0.198	15
P-16	0.14	0.1	0.061	0.53	0.09	0.058	0.118	16
P-17	0.29	0.11	0.126	1.8	0.13	0.196	0.322	17
P-18	0.47	0.09	0.204	0.85	0.11	0.092	0.297	18
P-19	0.28	0.1	0.122	0.79	0.1	0.086	0.208	19
P-20	0.22	0.07	0.096	1.5	0.09	0.163	0.259	20
P-21	0.55	0.12	0.239	0.93	0.13	0.101	0.340	21
P-22	0.79	0.1	0.343	0.87	0.12	0.095	0.438	22
P-23	0.53	0.1	0.230	0.37	0.1	0.040	0.271	23
P-24	0.38	0.12	0.165	0.4	0.13	0.043	0.209	24
P-25	0.26	0.11	0.113	0.42	0.14	0.046	0.159	25
P-26	0.76	0.14	0.330	0.58	0.13	0.063	0.393	26
P-27	0.12	0.04	0.052	0.25	0.05	0.027	0.079	27
P-28	0.75	0.06	0.326	0.17	0.06	0.018	0.345	28
P-29	0.41	0.06	0.178	0.12	0.05	0.013	0.191	29
P-30	0.89	0.05	0.387	0.17	0.04	0.018	0.405	30
P-31	1	0.06	0.435	0.17	0.05	0.018	0.453	31

Final Radiological Status Report
Ft. McClellan, Pelham Range "Burial Mound"

Sample #	Co-60 pCi/g	MDA Co-60	$\frac{Conc_{Co60}}{DCGL_{Co60}}$	Cs-137 pCi/g	MDA Cs-137	$\frac{Conc_{Cs137}}{DCGL_{Cs137}}$	Sum of Ratios C0-60+Cs 137
P-32	0.36	0.07	0.157	0.15	0.07	0.016	0.173
P-33	0.2	0.06	0.087	0.16	0.06	0.017	0.104
P-34	0.1	0.06	0.043	0.23	0.06	0.025	0.068
P-35	<MDA	not reported	0	0.25	0.06	0.027	0.027
P-36	0.22	0.09	0.096	0.25	0.08	0.027	0.123
P-37	0.21	0.07	0.091	0.52	0.08	0.057	0.148
P-38	<MDA,	not reported	0	0.37	0.07	0.040	0.040
P-39	<MDA,	not reported	0	<MDA,	not reported	0	0.000
P-40	0.23	0.08	0.100	0.18	0.07	0.020	0.120
P-41	0.21	0.08	0.091	<MDA,	not reported	0	0.091
P-42	0.4	0.1	0.174	0.08	0.07	0.009	0.183
P-63	0.94	0.28	0.409	0.89	0.21	0.097	0.505
P-64	0.43	0.21	0.187	0.6	0.18	0.065	0.252
P-65	<MDA	0.16	0.070	<	0.22	0.024	0.093
P-66	0.43	0.27	0.187	0.66	0.21	0.072	0.259
P-67	0.75	0.27	0.326	1.27	0.27	0.138	0.464
P-68	0.51	0.25	0.222	1.38	0.29	0.150	0.372
P-69	0.53	0.23	0.230	1	0.24	0.109	0.339
P-70	0.39	0.24	0.170	0.82	0.22	0.089	0.259
P-71	0.57	0.22	0.248	0.82	0.19	0.089	0.337
P-72	0.36	0.18	0.157	1.51	0.27	0.164	0.321
P-73	<MDA	0.19	0.083	0.15	0.1	0.016	0.099
P-74	<MDA	0.18	0.078	0.21	0.1	0.023	0.101
P-75	<MDA	0.12	0.052	0.33	0.11	0.036	0.088
P-76	<MDA	0.16	0.070	0.16	0.11	0.017	0.087
P-77	0.44	0.18	0.191	1.59	0.26	0.173	0.364
P-78	0.79	0.23	0.343	1.58	0.26	0.172	0.515
P-79	<MDA	0.14	0.061	0.19	0.08	0.021	0.082
P-80	<MDA	0.19	0.083	0.17	0.11	0.018	0.101
P-81	0.87	0.24	0.378	0.86	0.19	0.093	0.472
P-82	1.11	0.28	0.483	1.08	0.22	0.117	0.600
P-83	0.43	0.16	0.187	<	0.13	0.014	0.201
P-84	<MDA	0.16	0.070	<	0.1	0.011	0.080
P-85	<MDA	0.38	0.165	<	0.38	0.041	0.207
P-86	0.47	0.2	0.204	0.25	0.14	0.027	0.232
P-87	0.3	0.19	0.130	0.2	0.13	0.022	0.152
P-88	0.36	0.19	0.157	0.28	0.14	0.030	0.187
P-89	0.28	0.21	0.122	0.35	0.15	0.038	0.160
P-90	<MDA	0.21	0.091	0.96	0.21	0.104	0.196

Final Radiological Status Report
Ft. McClellan, Pelham Range "Burial Mound"

Sample #	Co-60 pCi/g	MDA Co-60	$Conc_{Co60}$ / $DCGL_{Co60}$	Cs-137 pCi/g	MDA Cs-137	$Conc_{Cs137}$ / $DCGL_{Cs137}$	Sum of Ratios C0-60+Cs 137	
P-91	<MDA	0.21	0.091	<	0.13	0.014	0.105	71
P-92	<MDA	0.26	0.113	<	0.18	0.020	0.133	72
P-93	0.39	0.23	0.170	1.08	0.27	0.117	0.287	73
P-96	0.36	0.14	0.157	0.76	0.15	0.083	0.239	76
P-97	0.7	0.29	0.304	0.42	0.19	0.046	0.350	77
P-98	<MDA	0.29	0.126	0.36	0.14	0.039	0.165	78
P-99	<MDA	0.18	0.078	0.29	0.09	0.032	0.110	79
P-100	<MDA	0.19	0.083	<	0.13	0.014	0.097	80
P-101	<MDA	0.25	0.109	<	0.15	0.016	0.125	81
P-102	0.17	0.11	0.074	0.51	0.13	0.055	0.129	82
P-103	<MDA	0.19	0.083	<	0.21	0.023	0.105	83
P-104	<MDA	0.19	0.083	0.44	0.14	0.048	0.130	84
P-105	0.29	0.2	0.126	0.55	0.19	0.060	0.186	85
P-106	0.28	0.21	0.122	<	0.26	0.028	0.150	86
P-107	<MDA	0.22	0.096	0.3	0.13	0.033	0.128	87
P-108	0.17	0.15	0.074	0.3	0.12	0.033	0.107	88
P-109	<MDA	0.36	0.157	<	0.28	0.030	0.187	89
P-110	<MDA	0.32	0.139	<	0.26	0.028	0.167	90
P-111	<MDA	0.29	0.126	<	0.19	0.021	0.147	91
P-112	<MDA	0.3	0.130	<	0.17	0.018	0.149	92
P-113	<MDA	0.18	0.078	<	0.16	0.017	0.096	93
P-114	<MDA	0.24	0.104	<	0.17	0.018	0.123	94
P-115	0.4	0.31	0.174	0.27	0.21	0.029	0.203	95
P-116	0.46	0.36	0.200	0.61	0.26	0.066	0.266	96
P-117	0.33	0.29	0.143	0.33	0.22	0.036	0.179	97
P-118	<MDA	0.34	0.148	0.34	0.19	0.037	0.185	98
P-119	<MDA	0.56	0.243	0.52	0.29	0.057	0.300	99
P-120	<MDA	0.75	0.326	<	0.44	0.048	0.374	100
P-121	<MDA	0.42	0.183	<	0.37	0.040	0.223	101
P-122	0.42	0.34	0.183	0.29	0.23	0.032	0.214	102
P-123	<MDA	0.36	0.157	<	0.22	0.024	0.180	103
P-124	<MDA	0.58	0.252	<	0.29	0.032	0.284	104
P-125	<MDA	0.28	0.122	0.28	0.21	0.030	0.152	105
P-126	<MDA	0.38	0.165	<	0.26	0.028	0.193	106
P-127	<MDA	0.17	0.074	0.19	0.11	0.021	0.095	107
P-128	<MDA	0.23	0.100	<	0.09	0.010	0.110	108
P-129	<MDA	0.26	0.113	<	0.16	0.017	0.130	109
P-130	<MDA	0.27	0.117	<	0.15	0.016	0.134	110
1-21-02 (P-131)	<MDA	0.32	0.139	0.44	0.19	0.048	0.187	111
1-21-02 (P-132)	<MDA	0.24	0.104	0.3	0.16	0.033	0.137	112
1-22-02 (p-133)	0.24	0.18	0.104	1.25	0.26	0.136	0.240	113

Final Radiological Status Report
Ft. McClellan, Pelham Range "Burial Mound"

Sample #	Co-60 pCi/g	MDA Co-60	$\frac{Conc_{Co60}}{DCGL_{Co60}}$	Cs-137 pCi/g	MDA Cs-137	$\frac{Conc_{Cs137}}{DCGL_{Cs137}}$	Sum of Ratios C0-60+Cs 137	
1-23-02 P-134)	<MDA	0.24	0.104	0.15	0.1	0.016	0.121	114
1-23-02 (P-135)	<MDA	0.22	0.096	0.21	0.1	0.023	0.118	115
1-26-02 (p-136)	0.29	0.16	0.126	0.62	0.17	0.067	0.193	116
1-26-02 (P-137)	<MDA	0.16	0.070	0.19	0.1	0.021	0.090	117
1-27-02 (p-138)	0.2	0.13	0.087	0.28	0.1	0.030	0.117	118
1-27-02 P-139)	0.17	0.14	0.074	0.19	0.11	0.021	0.095	119
Average fractions of limits			0.343			0.570	0.211	

* Samples P-94 and P-95 were collected from alarming material on the conveyor belt to demonstrate the lower limits of the systems detection capability.

P-94*	5.66	0.81	2.461	0.9	0.21	0.098	2.559	74
P-95*	2.68	0.42	1.165	1.23	0.21	0.134	1.299	75

APPENDIX F

DUPLICATE SAMPLE RESULTS

Sample Results Summary

STL Richland

Ordered by Client Sample ID, Batch No.

Date: 10-Jul-02

Report No. : 19932

SDG No: 20425

Client ID	Work Order Number	Parameter	Result +- Uncertainty (2s)	Qual	Units	Yield	MDC|MDA	RER
A2-3	E3KQ81AA	CO-60	3.65E-02 +- 2.84E-02	U	pCi/g		6.23E-02	
		CS-137	-6.25E-03 +- 3.22E-02	U	pCi/g		5.64E-02	
		K-40	8.90E+00 +- 1.45E+00		pCi/g		4.30E-01	
		RA-226	1.16E+00 +- 2.02E-01		pCi/g		9.81E-02	
		TH-232	1.15E+00 +- 4.20E-01		pCi/g		3.28E-01	
		U-238DHP	2.26E+00 +- 1.05E+00		pCi/g		1.15E+00	
A3-5	E3KQ41AA	CO-60	3.38E-03 +- 3.15E-02	U	pCi/g		5.90E-02	
		CS-137	-9.58E-03 +- 3.27E-02	U	pCi/g		5.59E-02	
		K-40	9.37E+00 +- 1.62E+00		pCi/g		5.39E-01	
		RA-226	9.61E-01 +- 1.78E-01		pCi/g		1.01E-01	
		TH-232	9.94E-01 +- 2.96E-01		pCi/g		2.75E-01	
A5-10	E3KQ91AA	CO-60	1.11E-01 +- 5.85E-02	U	pCi/g		1.18E-01	
		CS-137	2.06E-01 +- 8.75E-02		pCi/g		9.14E-02	
		K-40	1.62E+01 +- 2.65E+00		pCi/g		8.64E-01	
		RA-226	2.02E+00 +- 3.16E-01		pCi/g		1.63E-01	
		TH-232	1.24E+00 +- 6.15E-01		pCi/g		4.99E-01	
A6-9	E3KR31AA	CO-60	-1.05E-02 +- 3.50E-02	U	pCi/g		6.13E-02	
		CS-137	-4.55E-02 +- 3.60E-02	U	pCi/g		5.54E-02	
		K-40	1.10E+01 +- 1.84E+00		pCi/g		5.07E-01	
		RA-226	1.56E+00 +- 2.55E-01		pCi/g		1.22E-01	
		TH-232	1.40E+00 +- 4.54E-01		pCi/g		3.23E-01	
		U-238DHP	1.08E+00 +- 1.32E+00	U	pCi/g		1.74E+00	
B12-16	E3KQ31AA	CO-60	3.62E-02 +- 4.46E-02	U	pCi/g		8.63E-02	
		CS-137	1.66E-01 +- 6.72E-02	J	pCi/g		7.50E-02	
		K-40	1.02E+01 +- 1.73E+00		pCi/g		5.95E-01	
		RA-226	1.35E+00 +- 2.56E-01		pCi/g		1.36E-01	
		TH-232	1.39E+00 +- 3.57E-01		pCi/g		4.08E-01	
B13-17	E3KRD1AA	CO-60	2.54E-01 +- 6.00E-02		pCi/g		4.19E-02	
		CS-137	8.86E-01 +- 1.32E-01		pCi/g		5.30E-02	
		K-40	4.48E+00 +- 9.64E-01		pCi/g		5.10E-01	
		RA-226	8.59E-01 +- 1.80E-01		pCi/g		9.09E-02	
		TH-232	8.02E-01 +- 3.38E-01		pCi/g		2.78E-01	
B14-20	E3KQ11AA	CO-60	2.10E-02 +- 3.86E-02	U	pCi/g		7.35E-02	
		CS-137	1.69E-01 +- 4.68E-02	J	pCi/g		6.24E-02	

RER - Replicate Error Ratio = (S-D)/[sqrt(sq(TPUs)+sq(TPUd))] as defined by ICPT BOA.

J Qual - No U qualifier has been assigned and the result is below the Reporting Limit, RL (CRDL) or Report Value is Estimated.

U Qual - Analyzed for, but the result is less than the Mdc/Mda|Total Uncert or gamma scan software did not identify the

Sample Results Summary

STL Richland

Ordered by Client Sample ID, Batch No.

Date: 10-Jul-02

Report No. : 19932

SDG No: 20425

Client ID	Work Order Number	Parameter	Result +- Uncertainty (2s)	Qual	Units	Yield	MDC|MDA	RER
B14-20	E3KQ11AA	K-40	1.26E+01 +- 1.92E+00		pCi/g		5.21E-01	
		RA-226	1.37E+00 +- 2.24E-01		pCi/g		1.01E-01	
		TH-232	1.11E+00 +- 3.53E-01		pCi/g		3.33E-01	
		U-238DHP	2.08E+00 +- 1.03E+00		pCi/g		1.20E+00	
B17-25	E3KR11AA	CO-60	1.41E-03 +- 2.82E-02	U	pCi/g		5.22E-02	
		CS-137	1.36E-01 +- 4.78E-02	J	pCi/g		4.97E-02	
		K-40	2.73E+00 +- 6.33E-01		pCi/g		4.62E-01	
		MN-54	3.39E-02 +- 3.76E-02	U	pCi/g		5.65E-02	
		RA-226	5.45E-01 +- 1.22E-01		pCi/g		9.83E-02	
		TH-232	5.83E-01 +- 2.90E-01		pCi/g		2.74E-01	
B2-3	E3KQ61AA	CO-60	5.19E-03 +- 2.77E-02	U	pCi/g		5.38E-02	
		CS-137	1.17E-01 +- 4.06E-02	J	pCi/g		5.06E-02	
		K-40	3.48E+00 +- 8.79E-01		pCi/g		4.62E-01	
		RA-226	8.83E-01 +- 1.66E-01		pCi/g		8.90E-02	
		TH-232	9.48E-01 +- 2.59E-01		pCi/g		2.66E-01	
B3-5	E3KRV1AA	CO-60	3.32E-02 +- 2.91E-02	U	pCi/g		6.12E-02	
		CS-137	1.11E-01 +- 6.19E-02	J	pCi/g		5.56E-02	
		K-40	4.58E+00 +- 9.03E-01		pCi/g		4.36E-01	
		RA-226	1.02E+00 +- 1.67E-01		pCi/g		8.46E-02	
		TH-232	8.43E-01 +- 4.04E-01		pCi/g		2.80E-01	
		U-238DHP	1.46E+00 +- 1.08E+00		pCi/g		1.04E+00	
B6-8	E3KRA1AA	CO-60	4.33E-02 +- 3.64E-02	U	pCi/g		7.41E-02	
		CS-137	2.54E-01 +- 8.16E-02		pCi/g		5.26E-02	
		K-40	5.06E+00 +- 1.09E+00		pCi/g		5.50E-01	
		RA-226	8.82E-01 +- 1.73E-01		pCi/g		1.02E-01	
		TH-232	1.24E+00 +- 3.46E-01		pCi/g		2.73E-01	
		U-238DHP	6.40E-01 +- 1.11E+00	U	pCi/g		1.38E+00	
B7-9	E3KRL1AA	CO-60	1.48E-02 +- 2.90E-02	U	pCi/g		5.78E-02	
		CS-137	3.43E-01 +- 7.29E-02		pCi/g		5.56E-02	
		K-40	3.67E+00 +- 8.69E-01		pCi/g		4.92E-01	
		RA-226	8.22E-01 +- 1.58E-01		pCi/g		1.18E-01	
		TH-232	4.80E-01 +- 3.46E-01		pCi/g		3.90E-01	
C13-21	E3KRQ1AA	CO-60	2.75E-01 +- 7.17E-02		pCi/g		7.09E-02	
		CS-137	7.71E-01 +- 1.36E-01		pCi/g		6.78E-02	

RER - Replicate Error Ratio = (S-D)/|sqrt(sq(TPUs)+sq(TPUd))| as defined by ICPT BOA.

J Qual - No U qualifier has been assigned and the result is below the Reporting Limit, RL (CRDL) or Report Value is Estimated.

U Qual - Analyzed for, but the result is less than the Mdc/Mda|Total Uncert or gamma scan software did not identify the

Date: 10-Jul-02

Sample Results Summary

STL Richland

Ordered by Client Sample ID, Batch No.

Report No. : 19932

SDG No: 20425

Client ID	Work Order Number	Parameter	Result +- Uncertainty (2s)	Qual	Units	Yield	MDC|MDA	RER
C13-21	E3KRQ1AA	K-40	1.25E+01 +- 1.94E+00		pCi/g		5.15E-01	
		RA-226	1.47E+00 +- 2.50E-01		pCi/g		1.10E-01	
		TH-232	1.42E+00 +- 4.16E-01		pCi/g		3.78E-01	
C6-9	E3KRX1AA	CO-60	8.68E-01 +- 1.45E-01		pCi/g		6.19E-02	
		CS-137	5.67E+00 +- 7.09E-01		pCi/g		8.52E-02	
		K-40	9.10E+00 +- 1.53E+00		pCi/g		5.49E-01	
		RA-226	1.33E+00 +- 2.35E-01		pCi/g		1.35E-01	
		TH-232	1.28E+00 +- 5.05E-01		pCi/g		4.66E-01	
		U-238DHP	1.57E+00 +- 1.73E+00	U	pCi/g		2.18E+00	
C9-15	E3KRN1AA	CO-60	5.29E-01 +- 1.01E-01		pCi/g		5.64E-02	
		CS-137	7.35E-01 +- 1.20E-01		pCi/g		6.50E-02	
		K-40	8.50E+00 +- 1.48E+00		pCi/g		5.87E-01	
		RA-226	1.10E+00 +- 1.92E-01		pCi/g		1.02E-01	
		TH-232	1.14E+00 +- 3.72E-01		pCi/g		3.48E-01	
C9-16	E3KRE1AA	CO-60	2.83E-02 +- 3.07E-02	U	pCi/g		6.20E-02	
		CS-137	5.12E-01 +- 9.43E-02		pCi/g		5.71E-02	
		K-40	7.17E+00 +- 1.21E+00		pCi/g		4.19E-01	
		RA-226	1.17E+00 +- 1.94E-01		pCi/g		8.76E-02	
		TH-232	1.15E+00 +- 3.43E-01		pCi/g		2.95E-01	
		U-238DHP	2.32E+00 +- 1.16E+00		pCi/g		1.02E+00	
D2-2	E3KQR1AA	CO-60	3.21E-02 +- 4.18E-02	U	pCi/g		8.07E-02	
		CS-137	1.04E+00 +- 1.61E-01		pCi/g		6.07E-02	
		K-40	6.90E+00 +- 1.20E+00		pCi/g		5.46E-01	
		RA-226	1.10E+00 +- 1.93E-01		pCi/g		1.17E-01	
		TH-232	9.29E-01 +- 4.34E-01		pCi/g		4.27E-01	
D2-2 DUP	E3KQR1AC	CO-60	6.39E-02 +- 3.95E-02	U	pCi/g		8.18E-02	
		CS-137	1.20E+00 +- 1.73E-01		pCi/g		6.23E-02	
		K-40	6.03E+00 +- 1.16E+00		pCi/g		5.36E-01	
		RA-226	1.05E+00 +- 1.91E-01		pCi/g		1.07E-01	
		TH-232	7.43E-01 +- 3.79E-01		pCi/g		3.13E-01	
P-99	E3KQ01AA	CO-60	1.91E-02 +- 4.16E-02	U	pCi/g		7.96E-02	
		CS-137	2.31E-01 +- 6.21E-02		pCi/g		7.40E-02	
		K-40	1.07E+01 +- 1.74E+00		pCi/g		5.36E-01	
		RA-226	1.43E+00 +- 2.42E-01		pCi/g		1.12E-01	

RER - Replicate Error Ratio = (S-D)/|sqrt(sq(TPUs)+sq(TPUd))| as defined by ICPT BOA.

U Qual - Analyzed for, but the result is less than the Mdc/Mda|Total Uncert or gamma scan software did not identify the nuclide.

Sample Results Summary
STL Richland
Ordered by Client Sample ID, Batch No.

SDG No: 20425

Report No. : 19932

Client ID	Work Order Number	Parameter	Result +- Uncertainty (2s)	Qual	Units	Yield	MDC|MDA	RER
P-99	E3KQ01AA	TH-232	1.35E+00 +- 4.63E-01		pCi/g		3.95E-01	
		U-238DHP	2.11E+00 +- 1.71E+00		pCi/g		2.08E+00	

Number of Results: 104

RER - Replicate Error Ratio = (S-D)/[sqrt(sq(TPUs)+sq(T?Ud))] as defined by ICPT BOA.