APPENDIX B

BORING LOGS AND WELL CONSTRUCTION LOGS

BORING LOGS

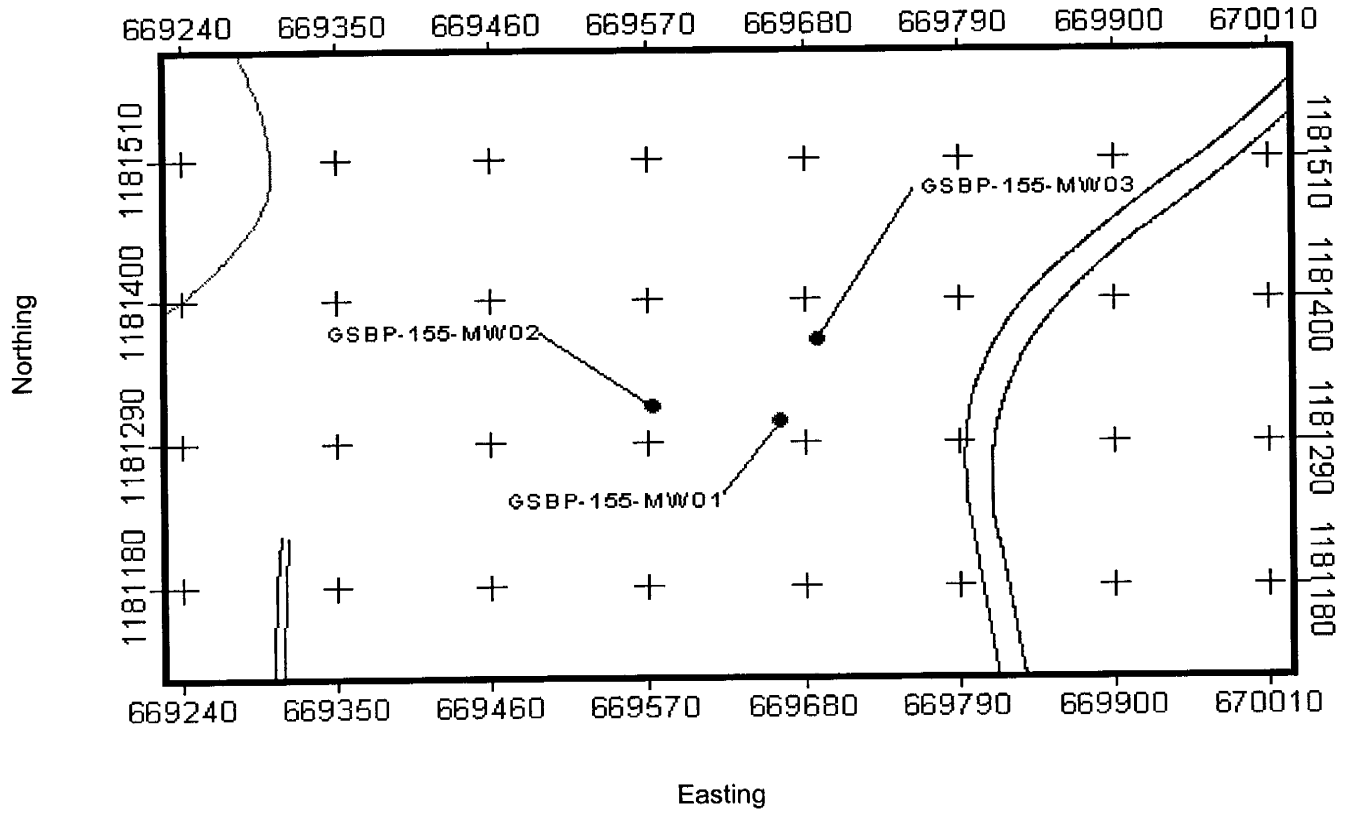
HTRW DRILLING LOG

District: **Mobile USACE**		HOLE NUMBER GSBP-155-MW01
1. Company name: **IT Corporation**	2. Drill Subcontractor: Miller Drilling	Sheet 1 of 7 sheets

3. Project: Fort McClellan	4. Location: Parcel 155
5. Name of driller: Ron Gerrish/ Barry Martin	6. Mfr. designation of drill: Mobile B-57/ Ingersall-Rand A-300
7. Sizes and types of drilling and sampling equipment: 4.25" HSAs and 2"x24" Split Spoons	8. Hole location: Ground Scar w/ Small Pit North of Landfill No. 3
	9. Surface elevation (feet above mean sea level): 740.44
	10. Date started: 10/12/99 / 11. Date completed: 10/18/99
12. Overburden thickness (feet bgs): 57	15. Depth groundwater encountered (feet bgs): 53
13. Depth drilled into rock (feet bgs): 0.5	16. Depth to water and elapsed time after drilling completed (feet bgs): NA
14. Total depth of hole (feet bgs): 57.5	17. Other water level measurements (specify): NA

18. Geotechnical samples:	Collected:	Disturbed:	Undisturbed:	19. Total no. of core boxes: NA		
	NA					
20. Samples for chemical analysis:	VOC	Metals	Other (specify)	Other (specify)	Other (specify)	21. Total core recovery:
	X	X	Nitroexplosives	PCBs, Pest.	SVOCs	NA
22. Disposition of hole:	Backfilled	Monitoring well	Other (specify)	Geologist:		
		Permanent		John Hofer		

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: GSBP-155-MW01

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW01

Project: Fort McClellan | Geologist: John Hofer | Sheet 2 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
740	0	ml: Yellowish-red SILT with some Clay, Chert, and Quartzite.	ml						
	1								
	2								
	3	cl-ml: Reddish-yellow CLAY and SILT, Quartzite Pebbles, rounded, gray mottling, very stiff, hard.	cl-ml		Organic Vapor = 0.0ppm			6 12 15 27	Rec 18"/24" (3-5' bgs)
	4								
735	5	cl-ml: Reddish-yellow CLAY and SILT, Quartzite Pebbles, rounded, gray mottling, very stiff, hard.	cl-ml						
	6								
	7								
	8	ml: Brownish-yellow and gray mottled SILT, some trace Clay, slightly moist to moist, stiff to very stiff.	ml		Organic Vapor = 0.0ppm			2 5 12 18	Rec 22"/24" (8-10' bgs)
	9								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW01

Project: Fort McClellan | Geologist: John Hofer | Sheet 3 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	10	ml: Brownish-yellow and gray mottled SILT, some trace Clay, slightly moist to moist, stiff to very stiff.	ml						
730									
	11								
	12								
	13	cl-ml: Reddish-yellow SILT, grading to CLAY, dark red at 14', some fine Sand zone 14.3'-14.6, medium stiff.	cl-ml		Organic Vapor = 0.0ppm			2 4 4 6	Rec 24"/24" (13-15' bgs)
	14								
	15	cl-ml: Reddish-yellow SILT, grading to CLAY, medium stiff.	cl-ml						
725									
	16								
	17								
	18	ml: Yellowish-red SILT, some Clay, moist to 18.6'. 18.6' Grayish brown SILT with relict structures.	ml					8 14 18 25	Rec 24"/24" (18-20' bgs) Black stain @ contact with red and brown silt. Moist above, dry below.
	19								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW01

Project: Fort McClellan | Geologist: John Hofer | Sheet 4 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
720	20	ml: Yellowish-red SILT, some Clay, Grayish brown SILT with relict structures.							
	21		ml						
	22								
	23	ml: Light yellowish-gray brown SILT, fissile, dry relict structure.			Organic Vapor = 0.0ppm			6 8 12 22	Rec 20"/24" (23-25' bgs) Dry well-will pull on 10/14/99 and redrill on 10/18/99.
	24		ml						
715	25	sltst: Weathered, light olive gray SILTSTONE thin-bedded.							
	26								
	27								Very hard drilling.
	28								
	29		sltst						No spoon too hard. Descriptions from HSA cuttings.

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW01

Project: Fort McClellan | Geologist: John Hofer | Sheet 5 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	30								
710									
	31								
	32								
	33	mdst: Gray weathered MUDSTONE.							
	34		mdst						
		ch: Brown CLAY, very stiff, plastic, moist.							
	35								Very hard drilling.
705			ch						
	36								
		mdst: Gray, weathered MUDSTONE.							
	37								
	38		mdst						
	39								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW01

Project: Fort McClellan | Geologist: John Hofer | Sheet 6 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	40	ch: Red fat CLAY, high plasticity.							Soft drilling. 40'-44' description from auger cuttings.
700									
	41								
	42		ch						
	43								
	44	cl: Red to yellowish-red CLAY, some Silt.	cl		Organic Vapor = 0.0ppm			5 5 14 14	Rec 22"/24" (44-46' bgs)
	45								
695		sltst: Very light gray weathered SILTSTONE.	sltst						
		ml: Yellowish-red SILT, some Clay.	ml						
	46	ml: Yellowish-red SILT, some Clay.			Organic Vapor = 0.0ppm				
	47		ml						Soft drilling.
	48								
	49	sltst: Brownish-gray, severely weathered SILTSTONE, thin bedded.						20 50/5	Rec 11"/11" (49-49.9' bgs) Spoon refusal at 49.9', dry.
									50

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW01

Project: Fort McClellan | Geologist: John Hofer | Sheet 7 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	50	sltst: Brownish-gray, severely weathered	sltst						
690									
	51								
	52								Descriptions from HSA cuttings.
			sltst						
	53								Water encountered.
	54	NA: Saturated, grayish brown cuttings.							
	55								
685									
			NA						
	56								
	57								Bottom of borehole is 57.5'. Auger refusal at 57.5'.

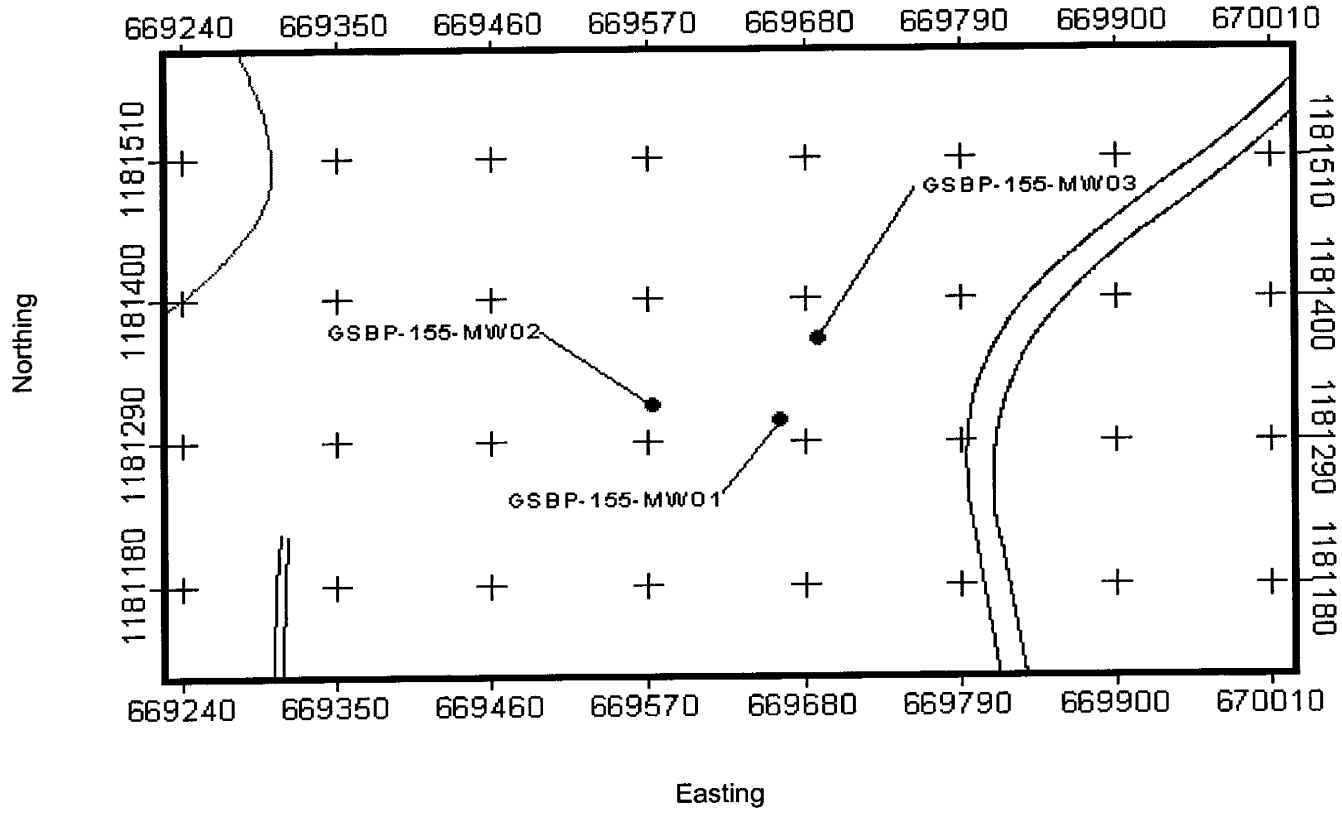
HTRW DRILLING LOG

District: **Mobile USACE**		HOLE NUMBER GSBP-155-MW02
1. Company name: **IT Corporation**	2. Drill Subcontractor: Miller Drilling	Sheet 1 of 7 sheets

3. Project: Fort McClellan	4. Location: Parcel 155
5. Name of driller: Ron Gerrish	6. Mfr. designation of drill: Mobile B-57
7. Sizes and types of drilling and sampling equipment: 4.25" HSAs and 2"x24" Split Spoons	8. Hole location: Ground Scar w/ Small Pit North of Landfill No. 3
	9. Surface elevation (feet above mean sea level): 740.84
	10. Date started: 10/13/99 / 11. Date completed: 10/13/99
12. Overburden thickness (feet bgs): >55	15. Depth groundwater encountered (feet bgs): 32
13. Depth drilled into rock (feet bgs): 0	16. Depth to water and elapsed time after drilling completed (feet bgs): NA
14. Total depth of hole (feet bgs): 55	17. Other water level measurements (specify): NA

18. Geotechnical samples:	Collected:	Disturbed:	Undisturbed:	19. Total no. of core boxes: NA		
	NA					
20. Samples for chemical analysis:	VOC	Metals	Other (specify)	Other (specify)	Other (specify)	21. Total core recovery:
	X	X	Nitroexplosives	PCBs, Pest.	SVOCs	NA
22. Disposition of hole:	Backfilled	Monitoring well	Other (specify)	Geologist: John Hofer		
		Permanent				

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: GSBP-155-MW02

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW02

Project: Fort McClellan | Geologist: John Hofer | Sheet 2 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	0	NA: No recovery.	NA						
740	1								
	2								
	3	ml: Brownish-red SILT, some Clay and fine Sand, trace Chert. Dry, hard.	ml		Organic Vapor = 0.3ppm			10 15 17 29	Rec 20"/24" (3-5' bgs)
	4								
	5	ml: Brownish-red SILT, some Clay and fine Sand, trace Chert.	ml		Organic Vapor = 2.3ppm				
735	6								
	7								
	8	ml: Yellowish-red SILT with some Clay. Slightly moist, stiff to very stiff.	ml		Organic Vapor = 0.0ppm			5 7 10 13	Rec 22"/24" (8-10' bgs)
	9	cl: Yellowish-red CLAY, some Silt, medium plasticity.	cl						

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW02

Project: Fort McClellan | Geologist: John Hofer | Sheet 3 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	10	cl: Yellowish-red CLAY, some Silt, medium plasticity.	cl		Organic Vapor = 0.0ppm				
730	11								
	12								
	13	cl-ml: Interlayered, brownish-red SILT and CLAY, medium to high plasticity in Clay layers. Medium stiff to stiff, slightly moist. Layers are 3" to 6" thick.	cl-ml		Organic Vapor = 0.0ppm			2 4 5 7	Rec 21"/24" (13-15' bgs)
	14								
	15	cl-ml: Interlayered, brownish-red SILT and CLAY, medium to high plasticity in Clay layers.	cl-ml		Organic Vapor = 0.0ppm				
725	16								
	17								
	18	ml: Yellowish-red SILT.	ml		Organic Vapor = 0.0ppm				Rec 24"/24" (18-20' bgs)
		cl: Yellowish-red CLAY, some Silt, abundant Hemitite nodules.	cl						
	19	ml: Red, yellow, and gray mottled SILT.	ml						

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW02

Project: Fort McClellan | Geologist: John Hofer | Sheet 4 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	20	ml: Red, yellow, and gray mottled SILT, some thin bedding.	ml		Organic Vapor = 0.0ppm				
720	21								
	22								
	23	ch: Yellow and red mottled, fat, CLAY, high plasticity, moist, medium stiff. High angle fracture with black stain at 23.4'-24.4'.	ch		Organic Vapor = 0.0ppm			3 2 4 4	Rec 24"/24" (23-25' bgs)
	24								
	25	ch: Yellow and red mottled, fat, CLAY, high plasticity.	ch		Organic Vapor = 0.0ppm				
715	26								
	27								
	28	ml: Brownish-yellow SILT, non plastic, slightly moist to dry. ~45 degree thin bedding.	ml		Organic Vapor = 0.0ppm			4 5 5 6	Rec 20"/24" (28-30' bgs)
	29								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW02

Project: Fort McClellan | Geologist: John Hofer | Sheet 5 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	30	ml: Brownish-yellow SILT, non plastic.			Organic Vapor = 0.0ppm				
710	31		ml						
	32								Water encountered.
	33	sltst: Yellow, severely weathered SILTSTONE. Wet to slightly moist, black stain on weathered rock.	sltst		Organic Vapor = 0.0ppm			6 11 12 12	Rec 20"/24" (33-35' bgs) Water on center bit.
	34	ml: Brownish-yellow SILT.	ml						
	35	ml: Brownish-yellow SILT.			Organic Vapor = 0.0ppm				
705	36		ml						
	37								
	38	ml: Red and yellow mottled SILT. Moist, black stain on fracture.	ml		Organic Vapor = 0.0ppm			2 4 3 3	Rec 24"/24" (38-40' bgs)
	39	ch: Red fat CLAY, high plasticity.	ch						
		ml: Yellow SILT.	ml						

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW02

Project: Fort McClellan | Geologist: John Hofer | Sheet 6 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	40	ml: Yellow SILT.			Organic Vapor = 0.0ppm				
700	41		ml						
	42								
	43	ml: Yellow SILT with wet zone containing fine Sand 43.3'-44', very fine.			Organic Vapor = 0.0ppm			7 9 12 12	Rec 23"/24" (43-45' bgs)
	44		ml						
	45	ml: Yellow SILT, some Sand, wet.							Description from HSA cuttings.
695	46								
	47		ml						
	48								
	49								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW02

Project: Fort McClellan

Geologist: John Hofer

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	50	gm-ml: Olive brown SILT with Sand and fine Gravel, Iron nodules.							
690	51								51
	52								52
			gm-ml						
	53								53
	54								54
									Bottom of borehole is 55'.
	55								55

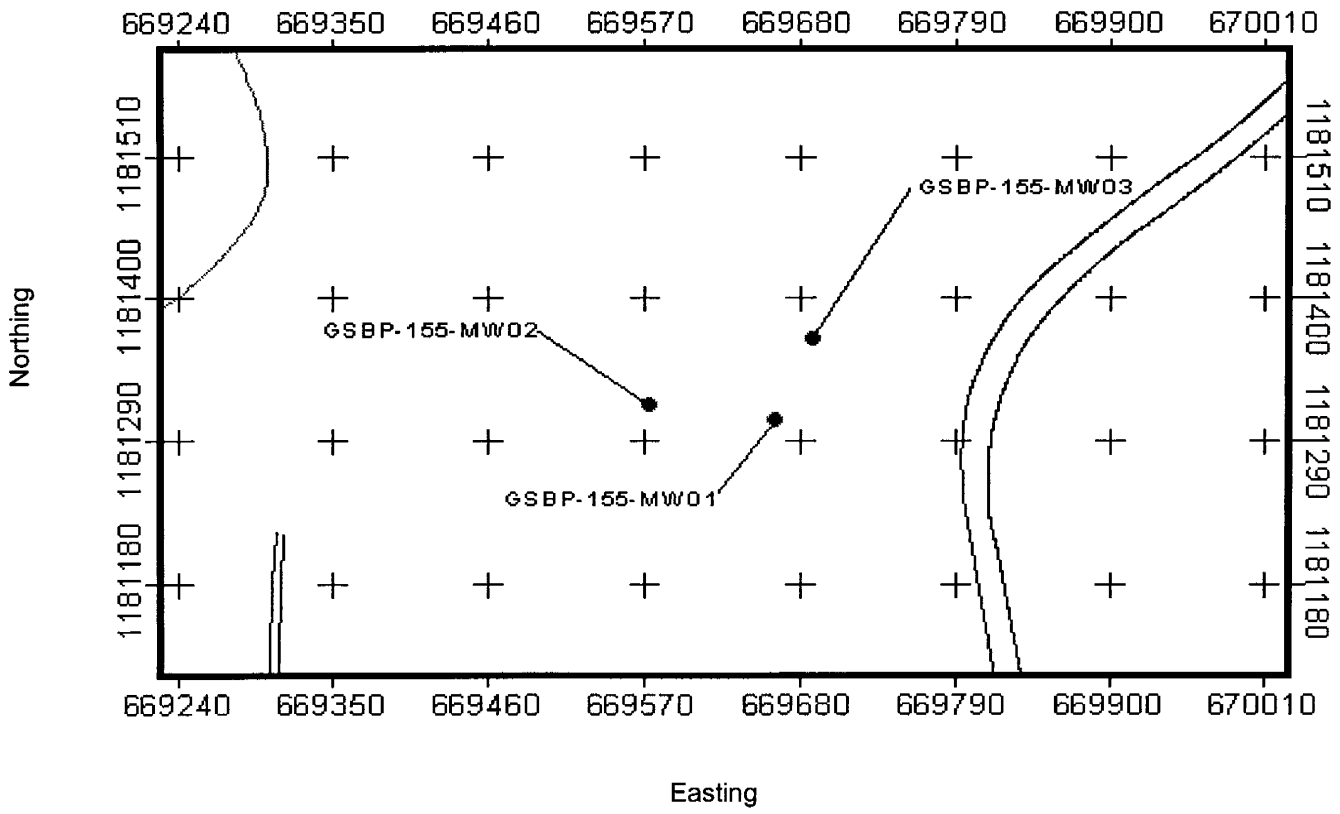
HTRW DRILLING LOG

District: **Mobile USACE**		HOLE NUMBER GSBP-155-MW03
1. Company name: **IT Corporation**	2. Drill Subcontractor: Miller Drilling	Sheet 1 of 7 sheets

3. Project: Fort McClellan	4. Location: Parcel 155
5. Name of driller: Ron Gerrish	6. Mfr. designation of drill: Mobile B-57
7. Sizes and types of drilling and sampling equipment: 4.25" HSAs and 2"x24" Split Spoons	8. Hole location: Ground Scar w/ Small Pit North of Landfill No. 3
	9. Surface elevation (feet above mean sea level): 740.22
	10. Date started: 10/12/99 / 11. Date completed: 10/14/99
12. Overburden thickness (feet bgs): >53	15. Depth groundwater encountered (feet bgs): 44
13. Depth drilled into rock (feet bgs): 0	16. Depth to water and elapsed time after drilling completed (feet bgs): NA
14. Total depth of hole (feet bgs): 53	17. Other water level measurements (specify): NA

18. Geotechnical samples:	Collected:	Disturbed:	Undisturbed:	19. Total no. of core boxes: NA		
	NA					
20. Samples for chemical analysis:	VOC	Metals	Other (specify)	Other (specify)	Other (specify)	21. Total core recovery:
	X	X	Nitroexplosives	PCBs, Pest.	SVOCs	NA
22. Disposition of hole:	Backfilled	Monitoring well	Other (specify)	Geologist:		
		Permanent		John Hofer		

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: GSBP-155-MW03

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW03

Project: Fort McClellan | Geologist: John Hofer | Sheet 2 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
740	0	NA: No recovery.	NA						
	1								
	2								
	3	gm-ml: Reddish-brown SILT, Gravely, Chert and Quartzite, some Sand and Clay, non plastic.	gm-ml		Organic Vapor = 13.2ppm			11 16 12 13	Rec 22"/24" (3-5' bgs). Light solvent odor.
	4								
735	5	ml: Yellowish-red to reddish-yellow SILT with gray mottling, slightly moist.	ml		Organic Vapor = 6.8ppm				
	6								
	7								
	8	ml: Yellowish-red to reddish-yellow SILT with gray mottling, slightly moist.	ml		Organic Vapor = 0.0ppm			4 7 9 21	Rec 22"/24" (8-10' bgs)
	9	ml: Brownish-gray SILT, dry, fissile, thin bedded.	ml						

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW03

Project: Fort McClellan | Geologist: John Hofer | Sheet 3 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
730	10	ml: SILT, dry, light brown cuttings.							
	11		ml						
	12								
	13	ml: Light olive brown SILT with some very fine Sand, dry, friable, hard, very thin bedding.			Organic Vapor = 0.0ppm			10 22 34 50/5	Rec 23" (13-14.9' bgs)
	14		ml						
725	15	ml: Brown SILT, slightly moist.							Description from cuttings.
	16								
	17		ml						Hard drilling.
	18								
	19								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW03

Project: Fort McClellan | Geologist: John Hofer | Sheet 4 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
720	20	sltst: Brown to dark grayish-brown weathered SILTSTONE, dry.							Description from hollow stem auger cuttings. Hard drilling.
	21		sltst						
	22								
	23	sltst: Olive brown, moist, weathered SILTSTONE.							
	24		sltst						
715	25								
	26	cl: Reddish-brown CLAY, slightly moist.	cl						
	27	cl: Red CLAY with Chert fragments, very moist.							Soft drilling.
	28								
	29		cl						

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW03

Project: Fort McClellan | Geologist: John Hofer | Sheet 5 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
710	30								
	31								
	32	cl: Yellowish-red CLAY, moist.							
	33								
	34		cl						
705	35								Dry well, pulled 10/13/99, redrilled 10/14/99.
	36								
	37	cl: Reddish-yellow CLAY with some Silt.	cl		Organic Vapor = 0.0ppm			3 14 30 35	Rec 22"/24" (37-39' bgs)
	38	ml: Gray mottling, grayish-yellow SILT. Moist to dry, fissile, thin bedding, very hard drilling.	ml						Moist to dry, fissile, thin bedding, very hard drilling.
	39	ml: Gray mottling, grayish-yellow SILT.	ml						

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW03

Project: Fort McClellan | Geologist: John Hofer | Sheet 6 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
700	40	sltst: Light gray to olive gray, weathered SILTSTONE.							Description from hollow stem suger cuttings. Very hard drilling.
	41								
	42		sltst						
	43								Moist cuttings.
	44	sltst: Brownish-gray to grayish-brown SILTSTONE, weathered.							Water encountered.
									Wet cuttings continued very hard drilling abundant steam, water.
695	45								
	46								
	47								
	48		sltst						
	49								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: GSBP-155-MW03

Project: Fort McClellan | Geologist: John Hofer | Sheet 7 of 7 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
690	50								
	51								
	52								9' below water bearing zone.
									Bottom of borehole is 53'.
	53								

Boring Log Report Form

Boring No. SI15-GWS01 Page 1 of 2

Client USACE
Site Location SI15
ESE Field Crew Leader: Rich Hill
Date Start 5-15-98 Finish 5-15-98
Contractor: Graves Services
Boring Depth 20' Diameter 2"
Boring Location See MAP

ESE Project FTMC-SI
ESE Project No. 3196314G
ESE Project Manager William Elliott
Drill Type Geoprobe
Driller JOSH TONEY
Geologist: Rich Hill

Depth (ft)	Sample Interval	Sample #	Sample Type	Blows per 6 Inches	Soil Headspace	Breathing Zone	DESCRIPTION	USCS Classification	REMARKS
2'							0'-12' - SILTY SAND, 30% SILT, Yellowish RED (5YR-5/8), NON-PLASTIC FIRM, MOIST	SM	COLLECTED SAMPLE SS01A (EFM2S#37) FROM 0-1'
4'									
6'									COLLECTED SAMPLE SS01B (EFM2S#38) FROM 3-4'
8'									
10'									
12'							12'-20' CLAY, Highly Plastic, FAT, WET, FIRM, Reddish YELLOW (5YR 6/6).	CH	
14'									
16'									
18'									
20'									BOH = 20'

Boring Log Report Form

Boring No. SI15-GWS02 Page 1 of 2

Client USACE
Site Location SI15
ESE Field Crew Leader: Rich Hill
Date Start 5-15-98 Finish 5-15-98
Contractor: Graves Services
Boring Depth 15' Diameter 2"
Boring Location See Map

ESE Project FTMC-SI
ESE Project No. 3196314G
ESE Project Manager William Elliott
Drill Type Geoprobe
Driller Josh Ivey
Geologist: Rich Hill

Depth (ft)	Sample Interval	Sample #	Sample Type	Blows per 6 Inches	Soil Headspace	Breathing Zone	DESCRIPTION	USCS Classification	REMARKS
2'							0'-5' - SILTY SAND, 30% SAND, Reddish Yellow (7.5YR-6/6), Non-Plastic, STIFF, MOIST	SM	COLLECTED SAMPLE SS02A (EFM2S#39) FROM 0-1'
4'							5'-15' - SANDY CLAY, 20% SAND, MODERATELY PLASTIC, STRONG Brown (7.5YR-5/6) TO PINKISH WHITE (7.5YR-8/2), STIFF MOIST TO WET AT 10'.	CL	
6'									COLLECTED SAMPLE SS02B (EFM3S#40)
8'									
10'									
12'									
14'									
16'									-BGH = 15'

Boring Log Report Form

Boring No. ~~SI06~~ SI15-GWS03 Page 1 of 2

Client USACE
Site Location SI15
ESE Field Crew Leader: Rich Hill
Date Start 5-15-98 Finish 5-15-98
Contractor: Graves Services
Boring Depth 19' 10" Diameter 2"
Boring Location See Map

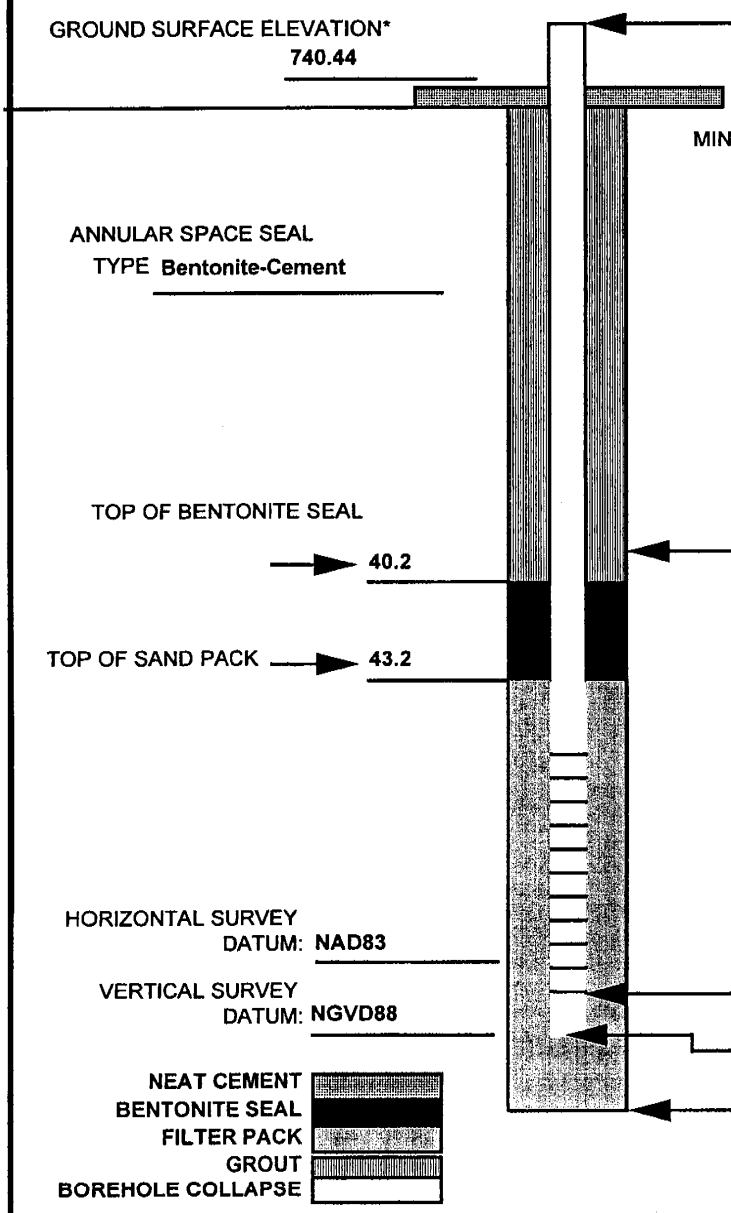
ESE Project FTMC-SI
ESE Project No. 3196314G
ESE Project Manager William Elliott
Drill Type Geoprobe
Driller Scott Turey
Geologist: Rich Hill

Depth (ft)	Sample Interval	Sample #	Sample Type	Blows per 6 Inches	Soil Headspace	Breathing Zone	DESCRIPTION	USCS Classification	REMARKS
2'							0'-7' - SANDY SILT, STRONG (7.5YR-4/6), 25% SAND, FIRM NON-PLASTIC, MOIST.	SM	COLLECTED SAMPLE SS03 (EFM33 #41) FROM 0-1'
4'							7'-10.5' - SANDY CLAY, 20% SAND, WHITE (7.5YR 8/1) TO REDDISH YELLOW (7.5YR-7/8). SLIGHTLY PLASTIC, STIFF, VERY MOIST	CL	
6'									
8'									
10'							10.5'-19'10" - Shale, REDDISH YELLOW (7.5YR-6/8), NON-PLASTIC, STIFF, MOIST	RX	
12'									BOTH = 19'10" DRY HOLE DID NOT SET.
14'									
16'									
18'									
20'									

WELL CONSTRUCTION LOGS

MONITORING WELL INSTALLATION DETAIL

PROJECT: Fort McClellan	**WELL NO:** GSBP-155-MW01
LOCATION Anniston, AL	**DRILLING METHOD:** Hollow Stem Auger
CLIENT: USACE Mobile District	**INSTALLATION DATE** 10/18/99
CONTRACTOR Miller Drilling	**NORTHING:** 1181305.02
DRILLER: Barry Martin	**EASTING:** 669661.47
IT FIELD REPRESENTATIVE: John Hofer	**JOB NO:** 783149



GROUND SURFACE ELEVATION* 740.44

TOP of WELL CASING or RISER PIPE EL* 742.38 STICKUP 1.94

TYPE of SURFACE SEAL Concrete

MINIMUM THICKNESS of SURFACE SEAL 4 inches

ANNULAR SPACE SEAL TYPE Bentonite-Cement

TYPE of RISER MATERIAL (Flush Threaded) PVC SCH 40

INSIDE DIAMETER of RISER (inches) 2

TOP OF BENTONITE SEAL 40.2

APPROXIMATE DIAMETER of BOREHOLE (inches) 8

TOP OF SAND PACK 43.2

TOP OF SCREENED INTERVAL EL* 694.14 DEPTH 46.3

TYPE of SCREEN MATERIAL PVC SCH 40

SLOT SIZE (inches) 0.010

INSIDE DIAMETER (inches) 2

TYPE of SAND PACK AROUND SCREEN Sand No 1

HORIZONTAL SURVEY DATUM: NAD83

VERTICAL SURVEY DATUM: NGVD88

BOTTOM of SCREENED INTERVAL EL* 684.14 DEPTH 56.3

BOTTOM of SUMP and WELL EL* 683.74 DEPTH 56.7

BOTTOM of BOREHOLE EL* 682.94 DEPTH 57.5

NEAT CEMENT
BENTONITE SEAL
FILTER PACK
GROUT
BOREHOLE COLLAPSE

*All elevations (EL) are referenced to MSL.

All depths and heights are given in feet and are referenced to the ground surface.

MONITORING WELL INSTALLATION DETAIL

PROJECT: Fort McClellan	WELL NO: GSBP-155-MW02
LOCATION Anniston, AL	DRILLING METHOD: Hollow Stem Auger
CLIENT: USACE Mobile District	INSTALLATION DATE 10/13/99
CONTRACTOR Miller Drilling	NORTHING: 1181317.5
DRILLER: Ron Gerrish	EASTING: 669573.43
IT FIELD REPRESENTATIVE: John Hofer	JOB NO: 783149

GROUND SURFACE ELEVATION*
740.84

TOP of WELL CASING or RISER PIPE
EL* 742.98 STICKUP 2.14

TYPE of SURFACE SEAL Concrete

MINIMUM THICKNESS of SURFACE SEAL 4 inches

ANNULAR SPACE SEAL
TYPE Bentonite-Cement

TYPE of RISER MATERIAL (Flush Threaded) PVC SCH 40

INSIDE DIAMETER of RISER (inches) 2

TOP OF BENTONITE SEAL
27

APPROXIMATE DIAMETER of BOREHOLE (inches) 7

TOP OF SAND PACK 29.5

TOP OF SCREENED INTERVAL
EL* 708.84 DEPTH 32

TYPE of SCREEN MATERIAL PVC SCH 40

SLOT SIZE (inches) 0.010

INSIDE DIAMETER (inches) 2

TYPE of SAND PACK AROUND SCREEN Sand No 1

HORIZONTAL SURVEY DATUM: NAD83

VERTICAL SURVEY DATUM: NGVD88

BOTTOM of SCREENED INTERVAL
EL* 688.84 DEPTH 52

BOTTOM of SUMP and WELL
EL* 686.84 DEPTH 54

BOTTOM of BOREHOLE
EL* 685.84 DEPTH 55

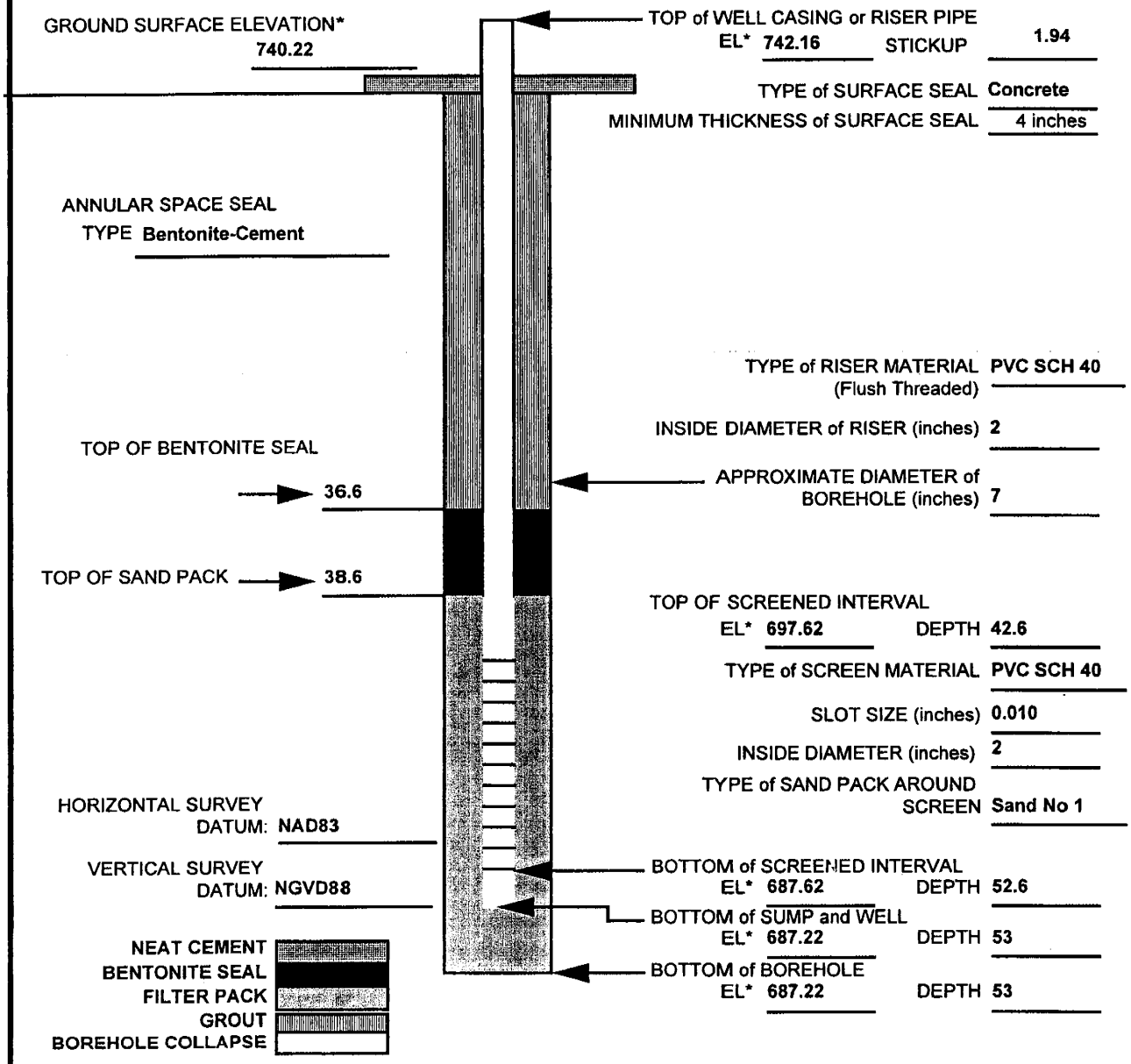
NEAT CEMENT
BENTONITE SEAL
FILTER PACK
GROUT
BOREHOLE COLLAPSE

*All elevations (EL) are referenced to MSL.

All depths and heights are given in feet and are referenced to the ground surface.

MONITORING WELL INSTALLATION DETAIL

PROJECT: Fort McClellan	**WELL NO:** GSBP-155-MW03
LOCATION Anniston, AL	**DRILLING METHOD:** Hollow Stem Auger
CLIENT: USACE Mobile District	**INSTALLATION DATE** 10/14/99
CONTRACTOR Miller Drilling	**NORTHING:** 1181367.18
DRILLER: Ron Gerrish	**EASTING:** 669688.22
IT FIELD REPRESENTATIVE: John Hofer	**JOB NO:** 783149



*All elevations (EL) are referenced to MSL.

All depths and heights are given in feet and are referenced to the ground surface.

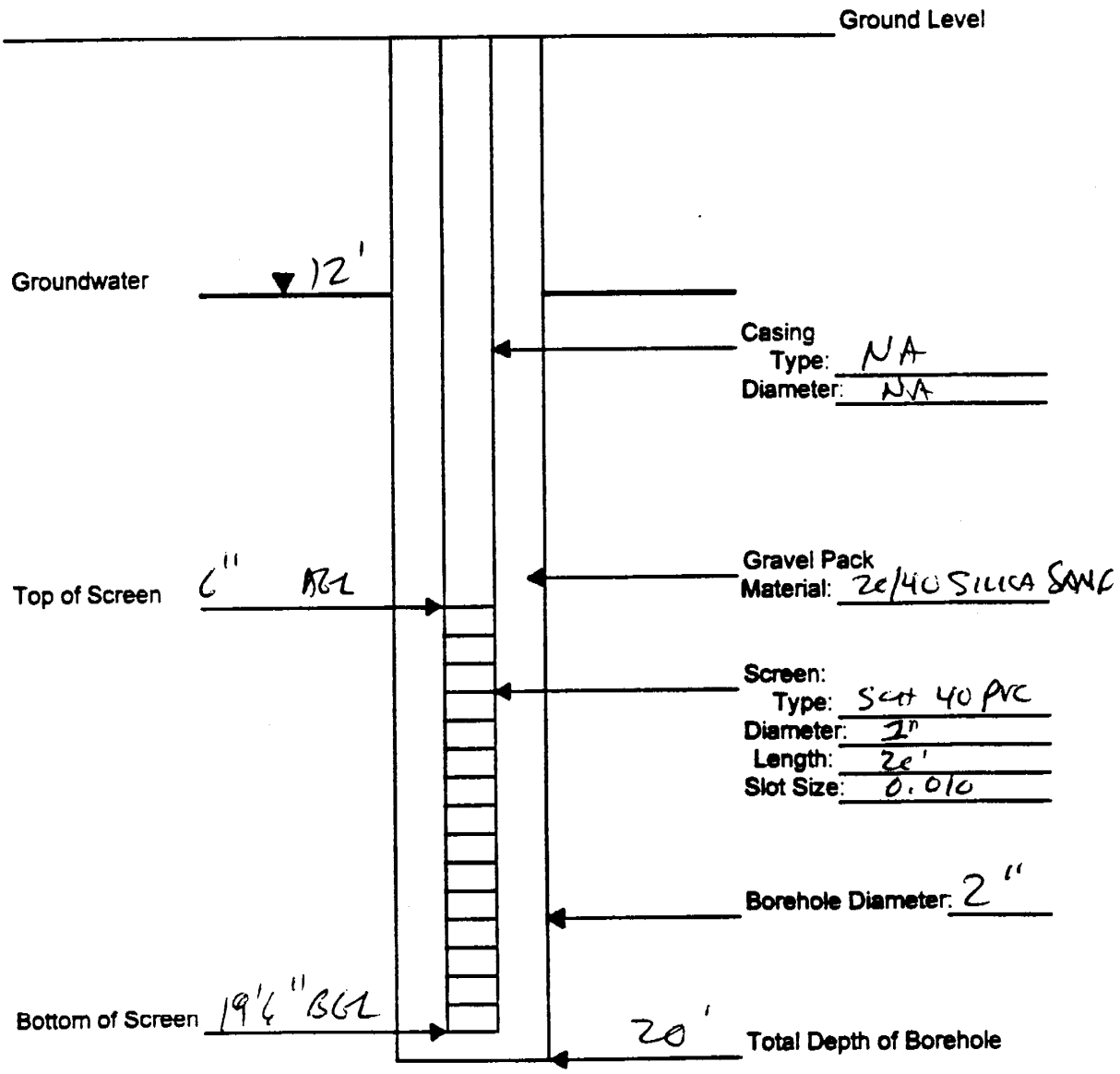
Temporary Monitor Well Construction Log

Well ID: SZ15 - GWS01
Logged By: RAH
Drilling Contractor: GRAVES
Driller's Name: JOSH TOWEY

Project #: 3196314G
Client: USACE
Start Date/Time: 5-15-98
Finish Date/Time: 5-15-98

Comments: GOT Refusal @ 20' IN CLAY. SET GWS01 TO 19.5'. WET FROM 12'-20'

Depths are in Reference to Ground Level

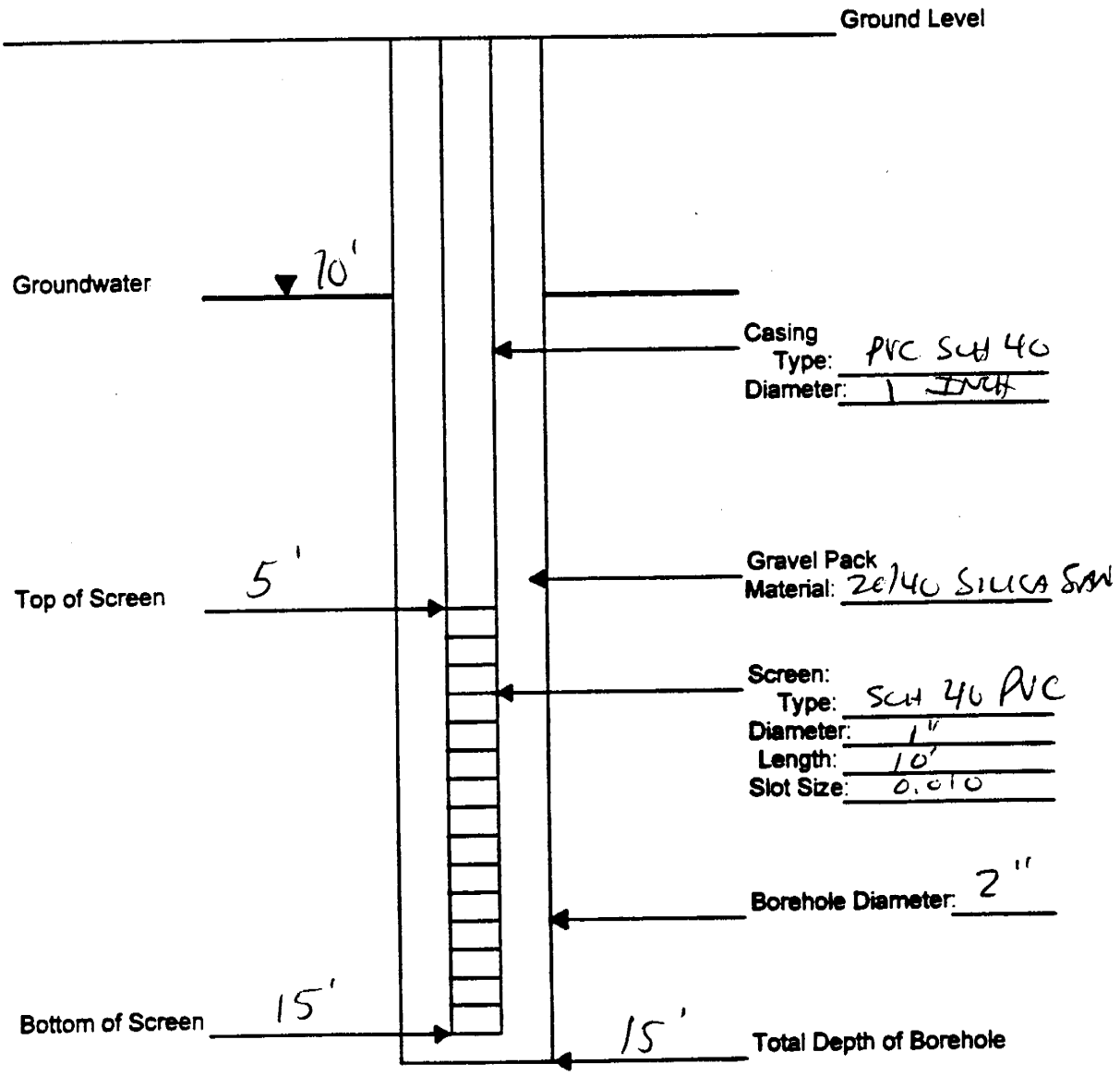


Temporary Monitor Well Construction Log

Well ID:	SI15-GWS02	Project #:	3196314G
Logged By:	RAH	Client:	USACE
Drilling Contractor:	CRNES	Start Date/Time:	5-15-98
Driller's Name:	JOSH TONEY	Finish Date/Time:	5-15-98

Comments: SET GWS02 TO 15' BGL. GOT REFUSAL @ 15' IN CLAY. WATER @ 7.10'

Depths are in Reference to Ground Level



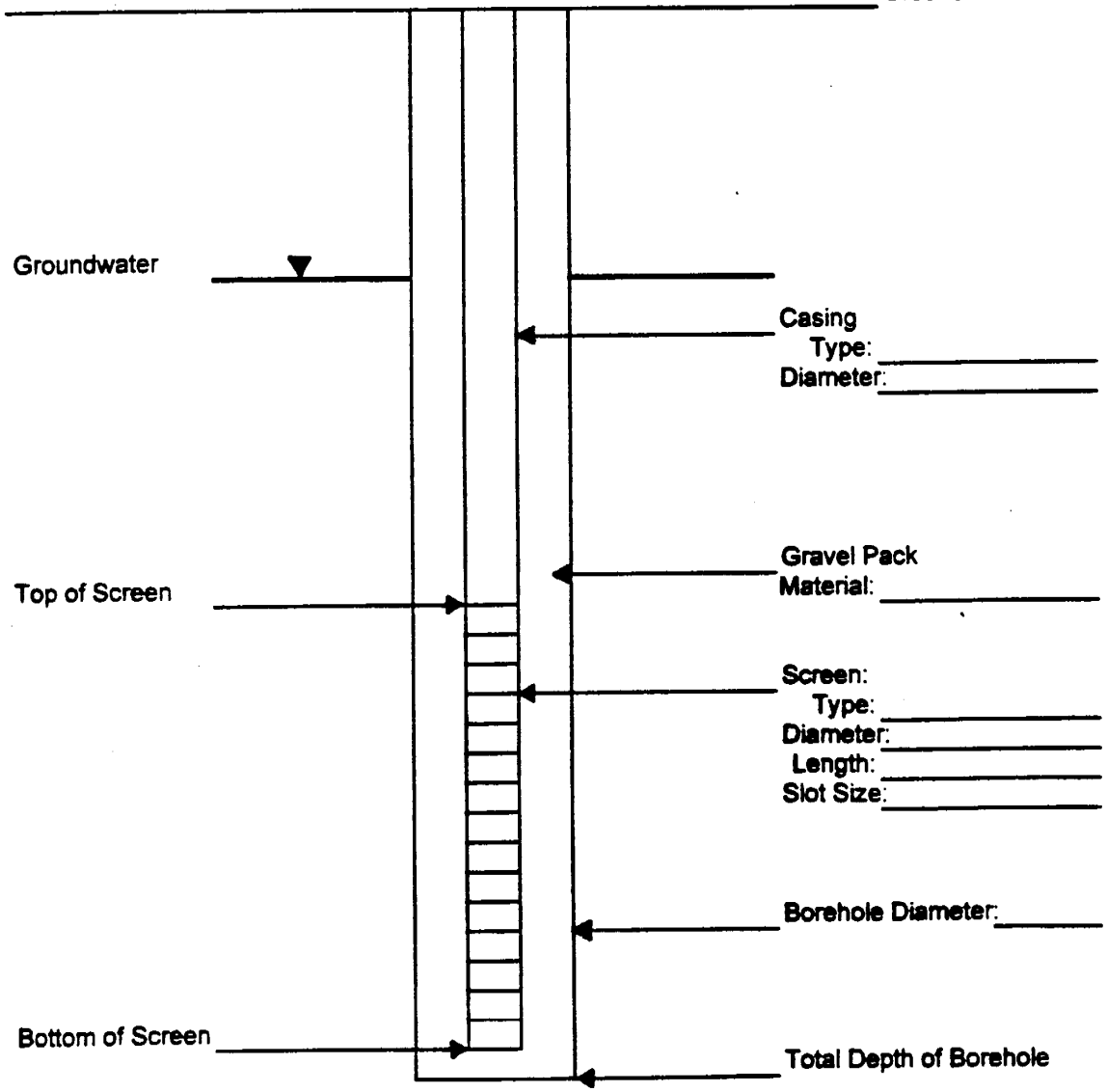
Temporary Monitor Well Construction Log

Well ID: SZ15-GW503
Logged By: RAH
Drilling Contractor: GRAVES
Driller's Name: JOSH TONEY
Comments: DID NOT SET. 19' 10" BGL Refusal in Shale.

Project #: 3196314G
Client: USACE
Start Date/Time: 5-15-98
Finish Date/Time: 5-15-98

Depths are in Reference to Ground Level

NA



APPENDIX C

WELL DEVELOPMENT LOGS

Groundwater Well Development Log

Fort McClellan, Alabama

Project Number: 796887
Form Completed by: Lee FLIPPEN
Well Developed by (person/firm): Lee FLIPPEN / IT corp.

Parcel No.: GSBP 155
Well No.: MW01
Date started: 8-9-01

PID 0.0 BZ 0.0

Monitoring Well Information screen 46.3-56.3 ft

Development Method: Surge + Purge
Development Equipment: whale pumps, Horiba U-10 #8019
Aqua-TAST II #2036, Heron water finder, PID # 841964
Casing Diameter: 2" .163

Beginning Measurments
Depth to Water (ft): 35.28 TOC
Total depth of Well (ft): 58.70
WC = 23.42

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
11:20	Ø	35.28	5.36	.048	999+	5.24	19.6	Lt. Brown	- Surge Entire Screen Interval - Depth 56ft. PR. 5 gpm
11:35	7.5	43.62	5.26	.042	999+	4.95	19.3	Lt. Brown	Depth 56 ft. PR. 5gpm
11:50	15.0	44.90	5.33	.039	999+	5.03	19.3	clearing Lt. Brown	Depth 56 ft. PR. 5gpm
12:05	22.5	45.42	5.39	.037	1408	4.99	19.4	Clearing Lt. Brown	Depth 56 ft PR. 5gpm
12:20	30.0	46.63	5.30	.036	818	4.74	19.6	Clearing Lt. Brown	Depth 56 ft PR. 5gpm
1hr 12:35	37.5	45.24	5.37	.036	564	5.13	19.5	Lt. Brown	Depth 56 ft PR. 5gpm
12:50	35.0	44.84	5.37	.036	303	5.52	19.7	Lt. Brown	Depth 56 ft PR. 45 gpm

TD - DTW = WC x 2'/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

58.7 - 35.28 = 23.42 x .163 = 3.82 x 5 = 19.1 + 40 g = 59.1

QC'd by 09/10/01

Parcel No.: GSBP 155
Well ID: MW01
Date: 8-9-01

	Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments
	13:05	41.75	45.65	5.39	.036	243	5.14	19.5	Lt. Brown	Depth 54 ft. PR. 4 gpm
2hrs	13:20	47.75	45.28	5.33	.035	429	5.17	19.7	TAN	Depth 52 ft. PR. 4 gpm
	13:35	53.75	46.30	5.29	.037	343	4.87	20.7	TAN	Depth 48 ft PR. 3 gpm
	13:50	58.25	44.32	5.37	.035	561	5.38	21.1	TAN	Depth 50 ft PR. 3 gpm
	14:05	62.75	42.52	5.43	.036	1568	5.63	21.5	TAN	Target P.V. Reached Depth 55 ft PR. 25 gpm
3hrs	14:20	66.5	45.78	5.42	.035	1598	5.28	20.3	TAN	Depth 55 ft PR. 25 gpm
	14:35	70.25	41.08	5.37	.036	807	4.87	23.1	TAN	Depth 55 ft PR. 25 gpm
	14:50	74.0	41.03	5.45	.037	685	5.11	22.6	TAN	Depth 53 PR. 25 gpm
	15:05	77.5	40.96	5.48	.037	596	5.19	22.5	TAN	Depth 53 ft PR. 25 gpm
4hrs	15:20	81.25	40.98	5.44	.037	480	5.26	22.6	TAN	Depth 53 ft. PR. 25 gpm
	15:35	85.0	40.70	5.42	.037	442	4.92	23.0	TAN	Depth 53 ft. PR. 25 gpm
	15:50	88.75	40.68	5.43	.037	403	5.08	22.8	TAN	Stopped Parameters ~~[illegible]~~ 8-9-01
	08:40	88.75	35.78	5.37	.076	999+	5.41	20.1	TAN	Depth 53 ft IR. 25 gpm Light Rain ↓

Parcel No.: GSBP 155
Well ID: MW 01
Date: 8-10-01

8-10-01 PID 0.0 BZ 0.0

	Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments	
	08:55	92.5	39.72	5.41	.039	899	5.20	20.2	TAN	Depth 53 ft. PR .25 gpm	Heavey RAIN
5hrs	9:10	96.25	40.32	5.41	.039	910	5.38	20.4	TAN	Depth 53 ft. PR .25 gpm	Light rain
	9:25	100.0	38.62	5.40	.038	651	5.04	20.6	TAN	Depth 53 ft PR .25 gpm	
	9:40	103.75	39.06	5.41	.037	370	4.86	20.6	cloudy	Depth 53 ft PR .25 gpm	
	9:55	107.5	39.73	5.39	.037	183	5.35	20.4	cloudy	Depth 53 ft PR .25 gpm	Rain Stopp
6hrs	10:10	111.25	39.75	5.40	.037	151	5.31	20.3	cloudy.	Depth 53 ft PR .25 gpm	
	10:25	115.0	40.18	5.40	.037	131	4.84	20.3	cloudy	Depth 53 ft PR .25 gpm	
	10:40	118.75	39.25	5.38	.037	117	5.05	21.2	cloudy	Depth 53 ft PR .20 gpm	
	10:55	121.75	39.24	5.37	.037	99	4.99	21.3	cloudy	Depth 53 ft PR .20 gpm	
7hrs	11:10	124.75	39.29	5.40	.037	84	4.84	21.3	cloudy	Depth 53 ft. PR .2 gpm	
	11:25	127.75	39.30	5.41	.036	77	5.03	21.6	cloudy	Depth 53 ft PR .2 gpm	
	11:40	130.75	39.32	5.39	.037	74	5.32	21.3	clear	Depth 53 ft PR .15 gpm	Heavey Rain
	11:55	133.0	39.38	5.39	.037	70	4.94	21.2	clear	Depth 53 ft PR .15 gpm	
	12:10	135.25	39.45	5.40	.037	62	5.18	21.3	clear	Well Development Completed 8 hours Dev. Time. [signature] 8-10-01	

D:\FTMC\DEVELOPMENTLOG.DOC
07/20/99

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 783149
Form Completed by: M. ROBERTS (MDC) / J. TATUM
Well Developed by (person/firm): MILLER DRILLING CO. / IT

Parcel No.: GSBP-155
Well No.: ~~MW 03~~ MW02
Date started: 10/19/99

COMPLETED 11-4-99

Monitoring Well Information

Development Method: PURGE W/PUMP
Development Equipment: 2" SURGE BLOCK
WHALE PUMP
Casing Diameter: 2" STICK UP

Beginning Measurments
Depth to Water (ft): 34.6'
Total depth of Well (ft): 57.6'

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
08:30	0	34.6'	—	—	—	—	—	—	BEGIN SETUP USING 2" SURGE BLOCK, SET PUMP AT BOTTOM
09:00	0	34.6'	5.22	.077	>1000	4.14	17.3	TAN CLOUDY	BEGIN PUMPING ON BOTTOM AT 0.70 GPM TO REMOVE ~~SOI~~ SEDIMENT
:20	~14	48.4'	5.49	.097	>1000	3.08	17.5	" "	MOVED PUMP UP/DOWN SCREEN
:40	~28	54.8'	5.51	.079	>1000	3.84	17.9	" "	
:50	~40	56.2'	—	—	—	—	—	" "	STOPPED PUMPING TO ALLOW WELL TO RECHARGE
10:50	~40	39.5'	5.67	.096	>1000	6.37	21.6	" "	RESTART PUMPING ON BOTTOM AT 0.30 GPM
11:10	~46	44.1'	5.64	.078	>1000	5.44	21.6	" "	MOVED PUMP UP/DOWN SCREEN

Parcel No.: GSBP-155
Well ID: MW02
Date: 10/19/99

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
11:30	~52	45.7'	5.66	.080	>1000	5.66	21.9	TAN CLOUDY	REDUCED RATE TO 0.20 GPM
:50	~56	45.15'	5.62	.076	388	4.86	23.5	" "	
12:10	~60	45.05'	5.64	.077	270	4.73	23.6	" "	RESET PUMP TO 54.0' (BOTTOM OF SCREEN)
:30	~64	45.0'	5.62	.076	272	5.17	23.5	" "	
:50	~68	44.94'	5.64	.077	204	5.66	23.5	" "	
13:10	~72	45.0'	5.63	.076	102	5.60	23.2	" "	
:30	~76	44.97'	5.64	.076	57	4.88	24.5	CLOUDY	
:50	~80	44.96'	5.63	.075	39	4.62	23.6	CLEARING	
14:10	~84	44.98'	5.59	.075	27	4.97	22.5	CLEAR	
:30	~88	44.58	5.19	.078	8.93	4.57	21.2	clear	.2 gpm
:50	~92	43.81	4.98	0.075	15.1	4.25	21.0	clear	Pull Pump 2' off Bottom .2 gpm
15:10	~96	43.58	4.90	.076	25.0	4.46	20.4	clear	Pull pump up 2 more feet from bottom .2 gpm
:30	~100	43.42	4.91	.076	25.8	4.28	20.1	clear	.2 gpm

Parcel No.: 155
Well ID: GSBP-155-MW02
Date: 10-19-99

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
15:30	104	43.47	4.91	.076	25.8	4.28	20.1	clear	.2gpm
15:50	108	43.34	4.98	.076	19.8	4.27	20.0	clear	.2gpm
16:10	112	43.48	5.00	.074	67.7	4.79	19.6	cloudy	.2gpm pullpump set up from Bottom ~~[illegible]~~
:30	116	43.44	5.01	.075	57.3	4.57	19.5	clear	.2gpm
:50	120	43.38	5.01	.076	48.9	5.36	19.3	clear	.2gpm
8:20	124	39.01	5.33	.080	173	4.96	15.7	cloudy	.2gpm 10/20/99
8:40	128	38.62	5.75	.068	97.3	5.75	15.5	cloudy	.2gpm
9:00	132	38.58	5.92	.072	133	5.68	15.7	cloudy	.2gpm
:20	136	38.58	5.97	.073	163	5.72	15.6	cloudy	.2gpm
:	OUT	OF	TIME	WELL	DEV.				
:									
:									
:									

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 783149
Form Completed by: T. Rice
Well Developed by (person/firm): IT

Parcel No.: GSBP-155
Well No.: MW03
Date started: 10/19/99

42.5
52.5

COMPLETED 11/4/99

Monitoring Well Information

Development Method: Surge / Purge
Development Equipment: Whale pump, Surge block, Horiba, Turbidimeter
Casing Diameter: 2" stickup

Beginning Measurments
Depth to Water (ft): 38.10'
Total depth of Well (ft): 55.02

W.C. = 16.92' W.V. = 2.77 gal

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
16:30	Ø	38.10	7.75	.483	>1000	2.22	19.3	brown	.25 gpm
10/99 10:00	2	37.54	6.99	.268	>1000	2.79	15.8	brown	10/20/99 .25 gpm
10:20	7	38.04	6.61	.166	>1000	4.67	16.3	lt brown	0.25 gpm
10:40	12	38.06	6.72	.128	265	4.80	16.3	lt brown	0.25 gpm
11:00	17	38.08	6.77	.110	160	4.77	16.3	almost clear	0.25 gpm
11:20	22	38.16	6.20	.091	106.5	4.75	16.3	almost clear	0.25 gpm Surged screen w/ Pump
11:40	27	38.12	6.29	.082	>1000	4.73	16.4	brown	0.25 gpm

Parcel No.: GSBP-155
Well ID: MW03
Date: 10/20/99

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
12:00	32	38.14	5.90	.070	>1000	4.33	16.8	brown	0.25gpm
12:20	37	38.14	6.24	.063	>1000	4.83	16.4	lt. brown	0.25gpm
12:40	42	38.14	5.90	.061	413	5.30	16.4	lt brown	0.25gpm
13:00	47	38.15	5.89	.058	283	5.05	16.8	almost clear	0.25gpm Surged screen w/ pump
13:20	52	38.15	5.87	.057	>1000	4.92	17.1	lt brown	0.25gpm
13:40	57	38.15	5.86	.050	840	4.96	17.1	lt brown	0.25gpm
14:00	62	38.17	5.73	.051	406	4.95	17.4	lt brown	0.25gpm
14:20	67	38.17	5.76	.049	224	4.94	17.1	lt brown	0.25gpm
14:40	72	38.21	5.77	.047	156	4.85	17.2	almost clear	0.25gpm
15:00	77	38.21	5.76	.046	113.2	5.15	17.4	almost clear	0.25gpm
15:20	82	38.28	5.76	.042	114.0	5.15	17.5	clear	0.25gpm
15:40	87	38.28	5.73	.042	66.1	5.32	17.7	clear	0.25gpm
16:00	92	38.25	5.76	.040	48.9	5.40	17.4	clear	0.25gpm

Parcel No.: ~~155~~ GSBP 155
Well ID: MW03
Date: 10/20/99

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
16:20	97	38.28	5.72	.040	36.8	5.18	12.3	clear	.25gpm
16:40	102	38.23	5.62	.039	29.0	5.17	17.0	clear	.25gpm
17:00	107	38.24	5.63	.039	23.0	5.25	16.9	clear	.25gpm Shut off pump for the day
8:90	112	38.08	5.84	.051	109	5.45	14.8	cloudy	.25gpm Start purging again 10/21/99
9:00	117	38.12	5.85	.046	15	5.43	15.4	clear	.25
9:20	122	38.10	5.81	.043	12	5.42	15.9	clear	.25
:		Well Dev comp.					8 hrs.		
:									
:									
:									
:									
:									
:									

APPENDIX D

SURVEY DATA

Appendix D

Survey Data
Ground Scar with Small Pit North of Landfill No. 3, Parcel 155(7)
Fort McClellan, Calhoun County, Alabama

Sample Location	Northing	Easting	Ground Elevation (ft amsl)	Top of Casing Elevation (ft amsl)
GSBP-155-MW01	1181305.02	669661.48	740.44	742.38
GSBP-155-MW02	1181317.51	669573.43	740.84	742.98
GSBP-155-MW03	1181367.18	669688.22	740.22	742.16
SI15-GWS01	1181418.49	669703.50	NS	NS
SI15-GWS02	1181419.00	669608.56	NS	NS
SI15-GWS03	1181445.88	669697.31	NS	NS
SI15-SS01	1181418.75	669704.19	NS	NA
SI15-SS02	1181419.26	669608.50	NS	NA
SI15-SS03	1181446.06	669697.51	NS	NA
SI15-SS04	1181415.00	669740.19	NS	NA

Horizontal coordinates referenced to the U.S. State Plane Coordinate System, Alabama East Zone, North American Datum of 1983 (NAD83).

Elevations referenced to the North American Vertical Datum of 1988 (NAVD88).

ft amsl - Feet above mean sea level.
NA - Not applicable.
NS - Not surveyed.

APPENDIX E

SUMMARY OF VALIDATED ANALYTICAL DATA

Summary of Validated Surface Soil Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 04/17/01

User Test Group / Lab Method	Parameter	Units	SI15-SS01 Result	Qual	VQual	SI15-SS02 Result	Qual	VQual	SI15-SS03 Result	Qual	VQual	SI15-SS04 Result	Qual	VQual
	Associated Site:		GSBP-155			GSBP-155			GSBP-155			GSBP-155		
	Sample No:		15-SS01A			15-SS02A			15-SS03			15-SS04		
	Sample Date:		15-MAY-98			15-MAY-98			15-MAY-98			15-MAY-98		
	Sample Depth:		0 - 1			0 - 1			0 - 1			0 - 1		
CL HERBICIDE														
8150														
	2,2-Dichloropropanoic Acid	mg/kg	.00998	U	U	.00999	U	U	.00999	U	U	.00999	U	U
	2,4,5-T	mg/kg	.00998	U	U	.00999	U	U	.00999	U	U	.00999	U	U
	2,4,5-TP	mg/kg	.00998	U	U	.00999	U	U	.00999	U	U	.00999	U	U
	2,4-D	mg/kg	.00998	U	U	.00999	U	U	.00999	U	U	.00999	U	U
	2,4-DB	mg/kg	.00998	U	U	.00999	U	U	.00999	U	U	.00999	U	U
	Dicamba	mg/kg	.00998	U	U	.00999	U	U	.00999	U	U	.00999	U	U
	Dichloroprop	mg/kg	.00998	U	U	.00999	U	U	.195	C	B	.00999	U	U
	Dinoseb	mg/kg	.00998	U	U	.00999	U	U	.00999	U	U	.00999	U	U
	MCPA	mg/kg	.2	U	U	.2	U	U	.547	C	J	.2	U	U
	MCPP	mg/kg	.2	U	R	.2	U	R	.2	U	R	.2	U	R
EXPLOSIVES														
8330														
	1,3,5-Trinitrobenzene	mg/kg	.102	U	U	.101	U	U	.101	U	U	.101	U	U
	1,3-Dinitrobenzene	mg/kg	.102	U	U	.101	U	U	.101	U	U	.101	U	U
	2,4,6-Trinitrotoluene	mg/kg	.102	U	U	.101	U	U	.101	U	U	.101	U	U
	2,4-Dinitrotoluene	mg/kg	.102	U	U	.101	U	U	.101	U	U	.101	U	U
	2,6-Dinitrotoluene	mg/kg	.102	U	U	.101	U	U	.101	U	U	.101	U	U
	2-Amino-4,6-dinitrotoluene	mg/kg	.102	U	U	.101	U	U	.101	U	U	.101	U	U
	2-Nitrotoluene	mg/kg	.203	U	U	.202	U	U	.202	U	U	.202	U	U
	3-Nitrotoluene	mg/kg	.203	U	U	.202	U	U	.202	U	U	.202	U	U
	4-Amino-2,6-dinitrotoluene	mg/kg	.102	U	U	.101	U	U	.101	U	U	.101	U	U
	HMX	mg/kg	.203	U	U	.202	U	U	.202	U	U	.202	U	U
	Nitrobenzene	mg/kg	.102	U	U	.101	U	U	.101	U	U	.101	U	U
	RDX	mg/kg	.203	U	U	.202	U	U	.202	U	U	.202	U	U
	Tetryl	mg/kg	.203	U	U	.202	U	U	.202	U	U	.202	U	U
	p-Nitrotoluene	mg/kg	.203	U	U	.202	U	U	.202	U	U	.202	U	U
METALS														
6010														
	Aluminum	mg/kg	10800			7370			9150			5960		
	Antimony	mg/kg	1	U	U	.92	U	U	.92	U	U	.93	U	U

Summary of Validated Surface Soil Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 04/17/01

		Location Code:	SI15-SS01			SI15-SS02			SI15-SS03			SI15-SS04		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155			GSBP-155		
		Sample No:	15-SS01A			15-SS02A			15-SS03			15-SS04		
		Sample Date:	15-MAY-98			15-MAY-98			15-MAY-98			15-MAY-98		
User Test Group		*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method	*Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS														
6010														
	Arsenic	mg/kg	2.71			2.09			2.53			2.04		
	Barium	mg/kg	21.2			23.1			20.9			31.4		
	Beryllium	mg/kg	.153			.198			.174			.217		
	Cadmium	mg/kg	.1	U	U	.092	U	U	.092	U	U	.093	U	U
	Calcium	mg/kg	87.3			103			162			249		
	Chromium	mg/kg	15.3			8.25			10.2			7.15		
	Cobalt	mg/kg	.542			1.87			1.39			3.03		
	Copper	mg/kg	6.37			3.63			4.98			2.93		
	Iron	mg/kg	18900			8470			13900			7910		
	Lead	mg/kg	6.84			6.27			7.76			10.4		
	Magnesium	mg/kg	330			275			348			238		
	Manganese	mg/kg	7.9			82.5			30.1			184		
	Nickel	mg/kg	1.53			2.09			2.2			2.06		
	Potassium	mg/kg	519			264			359			228		
	Selenium	mg/kg	1.19			.576			.913			.62		
	Silver	mg/kg	.2	U	U	.18	U	U	.18	U	U	.19	U	U
	Sodium	mg/kg	118			121			92.7			130		
	Thallium	mg/kg	.5	U	U	.46	U	U	.46	U	U	.46	U	U
	Vanadium	mg/kg	30.7			15.4			22			15.2		
	Zinc	mg/kg	6.01			6.49			6.84			6.5		
7471														
	Mercury	mg/kg	.142			.0594			.0498			.0347		
PEST/PCB														
8080														
	4,4'-DDD	mg/kg	.001	U	U	.00074	U	UJ	.001	U	U	.001	U	U
	4,4'-DDE	mg/kg	.00067	U	U	.00074	U	UJ	.00067	U	U	.00163		
	4,4'-DDT	mg/kg	.001	U	UJ	.00074	U	UJ	.001	U	UJ	.001	U	UJ
	Aldrin	mg/kg	.00067	U	U	.00074	U	UJ	.00067	U	U	.00067	U	U
	Aroclor 1016	mg/kg	.013	U	U	.014	U	UJ	.013	U	U	.013	U	U
	Aroclor 1221	mg/kg	.013	U	U	.014	U	UJ	.013	U	U	.013	U	U

Summary of Validated Surface Soil Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 04/17/01

	Location Code:		SI15-SS01			SI15-SS02			SI15-SS03			SI15-SS04		
	Associated Site:		GSBP-155			GSBP-155			GSBP-155			GSBP-155		
	Sample No:		15-SS01A			15-SS02A			15-SS03			15-SS04		
	Sample Date:		15-MAY-98			15-MAY-98			15-MAY-98			15-MAY-98		
User Test Group	*Sample Depth:*		0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method	*Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
PEST/PCB														
8080														
	Aroclor 1232	mg/kg	.013	U	U	.014	U	UJ	.013	U	U	.013	U	U
	Aroclor 1242	mg/kg	.013	U	U	.014	U	UJ	.013	U	U	.013	U	U
	Aroclor 1248	mg/kg	.013	U	U	.014	U	UJ	.013	U	U	.013	U	U
	Aroclor 1254	mg/kg	.013	U	U	.014	U	UJ	.013	U	U	.013	U	U
	Aroclor 1260	mg/kg	.013	U	U	.014	U	UJ	.013	U	U	.013	U	U
	Chlordane	mg/kg	.0033	U	U	.0036	U	UJ	.0033	U	U	.0033	U	U
	Dieldrin	mg/kg	.00067	U	U	.00074	U	UJ	.00067	U	U	.00067	U	U
	Endosulfan I	mg/kg	.00067	U	UJ	.00074	U	UJ	.00067	U	UJ	.00067	U	UJ
	Endosulfan II	mg/kg	.00073	U	U	.00074	U	UJ	.00073	U	U	.00073	U	U
	Endosulfan sulfate	mg/kg	.00087	U	U	.00074	U	UJ	.00087	U	U	.00087	U	U
	Endrin	mg/kg	.00067	U	UJ	.00074	U	UJ	.00067	U	UJ	.00067	U	UJ
	Endrin aldehyde	mg/kg	.00087	U	UJ	.00074	U	UJ	.00087	U	UJ	.00087	U	UJ
	Heptachlor	mg/kg	.00067	U	U	.00074	U	UJ	.00067	U	U	.00067	U	U
	Heptachlor epoxide	mg/kg	.00067	U	U	.00074	U	UJ	.00067	U	U	.00067	U	U
	Methoxychlor	mg/kg	.0012	U	U	.00074	U	UJ	.0012	U	U	.0012	U	U
	Toxaphene	mg/kg	.067	U	U	.074	U	UJ	.067	U	U	.067	U	U
	alpha-BHC	mg/kg	.00067	U	UJ	.00074	U	UJ	.00067	U	UJ	.00067	U	UJ
	alpha-Chlordane	mg/kg	.00067	U	U	.00074	U	UJ	.00067	U	U	.00067	U	U
	beta-BHC	mg/kg	.00067	U	U	.00074	U	UJ	.00067	U	U	.00067	U	U
	delta-BHC	mg/kg	.00067	U	U	.00074	U	UJ	.00067	U	U	.00067	U	U
	gamma-BHC (Lindane)	mg/kg	.00067	U	UJ	.00074	U	UJ	.00067	U	UJ	.00067	U	UJ
	gamma-Chlordane	mg/kg	.00067	U	U	.00074	U	UJ	.00067	U	U	.00067	U	U
SEMIVOLATILES														
8270														
	1,2,4-Trichlorobenzene	mg/kg	.1	U	U	.1	U	U	.1	U	U	.1	U	U
	1,2-Dichlorobenzene	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
	1,3-Dichlorobenzene	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
	1,4-Dichlorobenzene	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
	2,4,5-Trichlorophenol	mg/kg	.3	U	U	.3	U	U	.3	U	U	.3	U	U
	2,4,6-Trichlorophenol	mg/kg	.3	U	U	.3	U	U	.3	U	U	.3	U	U

Summary of Validated Surface Soil Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 04/17/01

	Location Code:	SI15-SS01			SI15-SS02			SI15-SS03			SI15-SS04		
	Associated Site:	GSBP-155			GSBP-155			GSBP-155			GSBP-155		
	Sample No:	15-SS01A			15-SS02A			15-SS03			15-SS04		
	Sample Date:	15-MAY-98			15-MAY-98			15-MAY-98			15-MAY-98		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
8270													
2,4-Dichlorophenol	mg/kg	.14	U	U	.14	U	U	.14	U	U	.14	U	U
2,4-Dimethylphenol	mg/kg	.14	U	U	.14	U	U	.14	U	U	.14	U	U
2,4-Dinitrophenol	mg/kg	1.3	U	UJ	1.3	U	UJ	1.3	U	UJ	1.3	U	UJ
2,4-Dinitrotoluene	mg/kg	.14	U	UJ	.14	U	UJ	.14	U	UJ	.14	U	UJ
2,6-Dinitrotoluene	mg/kg	.14	U	UJ	.14	U	UJ	.14	U	UJ	.14	U	UJ
2-Chloronaphthalene	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
2-Chlorophenol	mg/kg	.14	U	U	.14	U	U	.14	U	U	.14	U	U
2-Methylnaphthalene	mg/kg	.1	U	U	.1	U	U	.1	U	U	.1	U	U
2-Methylphenol	mg/kg	.14	U	U	.14	U	U	.14	U	U	.14	U	U
2-Nitroaniline	mg/kg	.3	U	U	.3	U	U	.3	U	U	.3	U	U
2-Nitrophenol	mg/kg	.14	U	U	.14	U	U	.14	U	U	.14	U	U
3,3-Dichlorobenzidine	mg/kg	.5	U	U	.5	U	U	.5	U	U	.5	U	U
3-Nitroaniline	mg/kg	.3	U	U	.3	U	U	.3	U	U	.3	U	U
4,6-Dinitro-2-methylphenol	mg/kg	1	U	U	1	U	U	1	U	U	1	U	U
4-Bromophenyl phenyl ether	mg/kg	.14	U	U	.14	U	U	.14	U	U	.14	U	U
4-Chloro-3-methylphenol	mg/kg	.14	U	U	.14	U	U	.14	U	U	.14	U	U
4-Chloroaniline	mg/kg	.3	U	U	.3	U	U	.3	U	U	.3	U	U
4-Chlorophenyl phenyl ether	mg/kg	.1	U	U	.1	U	U	.1	U	U	.1	U	U
4-Methylphenol	mg/kg	.14	U	U	.14	U	U	.14	U	U	.14	U	U
4-Nitroaniline	mg/kg	.3	U	U	.3	U	U	.3	U	U	.3	U	U
4-Nitrophenol	mg/kg	.5	U	U	.5	U	U	.5	U	U	.5	U	U
Acenaphthene	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
Acenaphthylene	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
Anthracene	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
Benzo(a)anthracene	mg/kg	.1	U	U	.1	U	U	.1	U	U	.1	U	U
Benzo(a)pyrene	mg/kg	.14	U	U	.14	U	U	.14	U	U	.14	U	U
Benzo(b)fluoranthene	mg/kg	.1	U	U	.1	U	U	.1	U	U	.1	U	U
Benzo(ghi)perylene	mg/kg	.16	U	U	.16	U	U	.16	U	U	.16	U	U
Benzo(k)fluoranthene	mg/kg	.1	U	U	.1	U	U	.1	U	U	.1	U	U
Benzoic Acid	mg/kg	1.4	U	U	1.4	U	U	1.4	U	U	1.4	U	U
Benzyl Alcohol	mg/kg	.14	U	U	.14	U	U	.14	U	U	.14	U	U

Summary of Validated Surface Soil Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 04/17/01

	Location Code:	SI15-SS01			SI15-SS02			SI15-SS03			SI15-SS04		
	Associated Site:	GSBP-155			GSBP-155			GSBP-155			GSBP-155		
	Sample No:	15-SS01A			15-SS02A			15-SS03			15-SS04		
	Sample Date:	15-MAY-98			15-MAY-98			15-MAY-98			15-MAY-98		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
8270													
Butyl benzyl phthalate	mg/kg	.1	U	UJ	.1	U	UJ	.1	U	UJ	.1	U	UJ
Chrysene	mg/kg	.1	U	U	.1	U	U	.1	U	U	.1	U	U
Di-n-butyl phthalate	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
Di-n-octyl phthalate	mg/kg	.14	U	U	.14	U	U	.14	U	U	.14	U	U
Dibenz(a,h)anthracene	mg/kg	.16	U	U	.16	U	U	.16	U	U	.16	U	U
Dibenzofuran	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
Diethyl phthalate	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
Dimethyl phthalate	mg/kg	.1	U	U	.1	U	U	.1	U	U	.1	U	U
Fluoranthene	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
Fluorene	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
Hexachlorobenzene	mg/kg	.1	U	U	.1	U	U	.1	U	U	.1	U	U
Hexachlorobutadiene	mg/kg	.14	U	U	.14	U	U	.14	U	U	.14	U	U
Hexachlorocyclopentadiene	mg/kg	1	U	U	1	U	U	1	U	U	1	U	U
Hexachloroethane	mg/kg	.1	U	U	.1	U	U	.1	U	U	.1	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.16	U	U	.16	U	U	.16	U	U	.16	U	U
Isophorone	mg/kg	.14	U	U	.14	U	U	.14	U	U	.14	U	U
Naphthalene	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
Nitrobenzene	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
Pentachlorophenol	mg/kg	.5	U	U	.5	U	U	.5	U	U	.5	U	U
Phenanthrene	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
Phenol	mg/kg	.14	U	U	.14	U	U	.14	U	U	.14	U	U
Pyrene	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
bis(2-Chloroethoxy)methane	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
bis(2-Chloroethyl)ether	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
bis(2-Chloroisopropyl)ether	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U
bis(2-Ethylhexyl)phthalate	mg/kg	.051	J	B	.084	J	B	.1	U	U	.028	J	B
n-Nitroso-di-n-propylamine	mg/kg	.1	U	U	.1	U	U	.1	U	U	.1	U	U
n-Nitrosodiphenylamine	mg/kg	.07	U	U	.07	U	U	.07	U	U	.07	U	U

Summary of Validated Surface Soil Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 04/17/01

	Location Code:	SI15-SS01			SI15-SS02			SI15-SS03			SI15-SS04		
	Associated Site:	GSBP-155			GSBP-155			GSBP-155			GSBP-155		
	Sample No:	15-SS01A			15-SS02A			15-SS03			15-SS04		
	Sample Date:	15-MAY-98			15-MAY-98			15-MAY-98			15-MAY-98		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
8260													
1,1,1-Trichloroethane	mg/kg	.0052			.0055			.0053			.0058		
1,1,2,2-Tetrachloroethane	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
1,1,2-Trichloroethane	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
1,1-Dichloroethane	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
1,1-Dichloroethene	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
1,2-Dichloroethane	mg/kg	.0049	U	U	.0049	U	U	.0049	U	U	.0049	U	U
1,2-Dichloroethene	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
1,2-Dichloropropane	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
2-Butanone	mg/kg	.0042	J	J	.017	J	J	.0062	J	J	.011	J	J
2-Hexanone	mg/kg	.024	U	U	.022	U	U	.023	U	U	.023	U	U
4-Methyl-2-pentanone	mg/kg	.024	U	U	.022	U	U	.023	U	U	.023	U	U
Acetone	mg/kg	.048	U	U	.48			.14			.24		
Benzene	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
Bromodichloromethane	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
Bromoform	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
Bromomethane	mg/kg	.0095	U	R	.0088	U	R	.0091	U	R	.0091	U	R
Carbon disulfide	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
Carbon tetrachloride	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
Chlorobenzene	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
Chloroethane	mg/kg	.0095	U	U	.0088	U	U	.0091	U	U	.0091	U	U
Chloroform	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
Chloromethane	mg/kg	.0095	U	U	.0088	U	U	.0091	U	U	.0091	U	U
Dibromochloromethane	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
Ethylbenzene	mg/kg	.0023	J	J	.0018	J	J	.0022	J	J	.0032	J	J
Methylene chloride	mg/kg	.0057	B	B	.0046	B	B	.0055	B	B	.006	B	B
Styrene	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
Tetrachloroethene	mg/kg	.0093			.0072			.0087			.013		
Toluene	mg/kg	.0018	J	J	.0012	J	J	.0016	J	J	.0017	J	J
Trichloroethene	mg/kg	.0027	J	J	.0026	J	J	.0027	J	J	.0036	J	J
Vinyl Acetate	mg/kg	.0095	U	UJ	.0088	U	UJ	.0091	U	UJ	.0091	U	UJ
Vinyl chloride	mg/kg	.0095	U	U	.0088	U	U	.0091	U	U	.0091	U	U

Summary of Validated Surface Soil Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 04/17/01

		Location Code:	SI15-SS01			SI15-SS02			SI15-SS03			SI15-SS04		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155			GSBP-155		
		Sample No:	15-SS01A			15-SS02A			15-SS03			15-SS04		
		Sample Date:	15-MAY-98			15-MAY-98			15-MAY-98			15-MAY-98		
User Test Group		*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method	*Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
8260														
	Xylene, Total	mg/kg	.01			.008			.0092			.014		
	cis-1,3-Dichloropropene	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
	trans-1,3-Dichloropropene	mg/kg	.0048	U	U	.0044	U	U	.0046	U	U	.0045	U	U
WET_CHEM														
9060														
	Total Organic Carbon	mg/kg	4030											

Summary of Validated Subsurface Soil Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 04/17/01

		Location Code:	SI15-SS01			SI15-SS02			SI15-SS02		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	15-SS01B			15-SS02B			15-SS02B		
		Sample Date:	15-MAY-98			15-MAY-98			15-MAY-98		
User Test Group		*Sample Depth:*	3 - 4			3 - 4			3 - 4		
Lab Method	*Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
EXPLOSIVES											
8330											
	1,3,5-Trinitrobenzene	mg/kg	.1	U	U	.101	U	U	.101	U	U
	1,3-Dinitrobenzene	mg/kg	.1	U	U	.101	U	U	.101	U	U
	2,4,6-Trinitrotoluene	mg/kg	.1	U	U	.101	U	U	.101	U	U
	2,4-Dinitrotoluene	mg/kg	.1	U	U	.101	U	U	.101	U	U
	2,6-Dinitrotoluene	mg/kg	.1	U	U	.101	U	U	.101	U	U
	2-Amino-4,6-dinitrotoluene	mg/kg	.1	U	U	.101	U	U	.101	U	U
	2-Nitrotoluene	mg/kg	.2	U	U	.202	U	U	.202	U	U
	3-Nitrotoluene	mg/kg	.2	U	U	.202	U	U	.202	U	U
	4-Amino-2,6-dinitrotoluene	mg/kg	.1	U	U	.101	U	U	.101	U	U
	HMX	mg/kg	.2	U	U	.202	U	U	.202	U	U
	Nitrobenzene	mg/kg	.1	U	U	.101	U	U	.101	U	U
	RDX	mg/kg	.2	U	U	.202	U	U	.202	U	U
	Tetryl	mg/kg	.2	U	U	.202	U	U	.202	U	U
	p-Nitrotoluene	mg/kg	.2	U	U	.202	U	U	.202	U	U
METALS											
6010											
	Aluminum	mg/kg	7530			6670			6670		
	Antimony	mg/kg	.94	U	U	.79	U	U	.79	U	U
	Arsenic	mg/kg	4.68			2.08			2.08		
	Barium	mg/kg	14.3			22.2			22.2		
	Beryllium	mg/kg	.203			.156			.156		
	Cadmium	mg/kg	.094	U	U	.079	U	U	.079	U	U
	Calcium	mg/kg	27.5			81.1			81.1		
	Chromium	mg/kg	11.9			10.4			10.4		
	Cobalt	mg/kg	.358			1.78			1.78		
	Copper	mg/kg	5.38			3.56			3.56		
	Iron	mg/kg	19100			7890			7890		
	Lead	mg/kg	6.09			7.11			7.11		
	Magnesium	mg/kg	167			267			267		
	Manganese	mg/kg	11.9			35.6			35.6		

Summary of Validated Subsurface Soil Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 04/17/01

		Location Code:	SI15-SS01			SI15-SS02			SI15-SS02		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	15-SS01B			15-SS02B			15-SS02B		
		Sample Date:	15-MAY-98			15-MAY-98			15-MAY-98		
User Test Group		*Sample Depth:*	3 - 4			3 - 4			3 - 4		
Lab Method	*Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS											
6010											
	Nickel	mg/kg	1.19			2.22			2.22		
	Potassium	mg/kg	597			222			222		
	Selenium	mg/kg	1.3			.397	U	U	.397	U	U
	Silver	mg/kg	.19	U	U	.16	U	U	.16	U	U
	Sodium	mg/kg	87.2			111			111		
	Thallium	mg/kg	.47	U	U	.4	U	U	.4	U	U
	Vanadium	mg/kg	26.3			14.4			14.4		
	Zinc	mg/kg	4.66			6.11			6.11		
7471											
	Mercury	mg/kg	.019		J	.0433			.0433		
PEST/PCB											
8080											
	4,4'-DDD	mg/kg	.001	U	U	.001	U	U	.001	U	U
	4,4'-DDE	mg/kg	.00067	U	U	.00067	U	U	.00067	U	U
	4,4'-DDT	mg/kg	.001	U	UJ	.001	U	UJ	.001	U	UJ
	Aldrin	mg/kg	.00067	U	U	.00067	U	U	.00067	U	U
	Aroclor 1016	mg/kg	.013	U	U	.013	U	U	.013	U	U
	Aroclor 1221	mg/kg	.013	U	U	.013	U	U	.013	U	U
	Aroclor 1232	mg/kg	.013	U	U	.013	U	U	.013	U	U
	Aroclor 1242	mg/kg	.013	U	U	.013	U	U	.013	U	U
	Aroclor 1248	mg/kg	.013	U	U	.013	U	U	.013	U	U
	Aroclor 1254	mg/kg	.013	U	U	.013	U	U	.013	U	U
	Aroclor 1260	mg/kg	.013	U	U	.013	U	U	.013	U	U
	Chlordane	mg/kg	.0033	U	U	.0033	U	U	.0033	U	U
	Dieldrin	mg/kg	.00067	U	U	.00067	U	U	.00067	U	U
	Endosulfan I	mg/kg	.00067	U	UJ	.00067	U	UJ	.00067	U	UJ
	Endosulfan II	mg/kg	.00073	U	U	.00073	U	U	.00073	U	U
	Endosulfan sulfate	mg/kg	.00087	U	U	.00087	U	U	.00087	U	U
	Endrin	mg/kg	.00067	U	UJ	.00067	U	UJ	.00067	U	UJ
	Endrin aldehyde	mg/kg	.00087	U	UJ	.00087	U	UJ	.00087	U	UJ

		Location Code:	SI15-SS01			SI15-SS02			SI15-SS02		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	15-SS01B			15-SS02B			15-SS02B		
		Sample Date:	15-MAY-98			15-MAY-98			15-MAY-98		
User Test Group		*Sample Depth:*	3 - 4			3 - 4			3 - 4		
Lab Method	*Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
PEST/PCB											
8080											
	Heptachlor	mg/kg	.00067	U	U	.00067	U	U	.00067	U	U
	Heptachlor epoxide	mg/kg	.00067	U	U	.00067	U	U	.00067	U	U
	Methoxychlor	mg/kg	.0012	U	U	.0012	U	U	.0012	U	U
	Toxaphene	mg/kg	.067	U	U	.067	U	U	.067	U	U
	alpha-BHC	mg/kg	.00067	U	UJ	.00067	U	UJ	.00067	U	UJ
	alpha-Chlordane	mg/kg	.00067	U	U	.00067	U	U	.00067	U	U
	beta-BHC	mg/kg	.00067	U	U	.00067	U	U	.00067	U	U
	delta-BHC	mg/kg	.00067	U	U	.00067	U	U	.00067	U	U
	gamma-BHC (Lindane)	mg/kg	.00067	U	UJ	.00067	U	UJ	.00067	U	UJ
	gamma-Chlordane	mg/kg	.00067	U	U	.00067	U	U	.00067	U	U
SEMIVOLATILES											
8270											
	1,2,4-Trichlorobenzene	mg/kg	.1	U	U	.1	U	U	.1	U	U
	1,2-Dichlorobenzene	mg/kg	.07	U	U	.07	U	U	.07	U	U
	1,3-Dichlorobenzene	mg/kg	.07	U	U	.07	U	U	.07	U	U
	1,4-Dichlorobenzene	mg/kg	.07	U	U	.07	U	U	.07	U	U
	2,4,5-Trichlorophenol	mg/kg	.3	U	U	.3	U	U	.3	U	U
	2,4,6-Trichlorophenol	mg/kg	.3	U	U	.3	U	U	.3	U	U
	2,4-Dichlorophenol	mg/kg	.14	U	U	.14	U	U	.14	U	U
	2,4-Dimethylphenol	mg/kg	.14	U	U	.14	U	U	.14	U	U
	2,4-Dinitrophenol	mg/kg	1.3	U	UJ	1.3	U	UJ	1.3	U	UJ
	2,4-Dinitrotoluene	mg/kg	.14	U	UJ	.14	U	UJ	.14	U	UJ
	2,6-Dinitrotoluene	mg/kg	.14	U	UJ	.14	U	UJ	.14	U	UJ
	2-Chloronaphthalene	mg/kg	.07	U	U	.07	U	U	.07	U	U
	2-Chlorophenol	mg/kg	.14	U	U	.14	U	U	.14	U	U
	2-Methylnaphthalene	mg/kg	.1	U	U	.1	U	U	.1	U	U
	2-Methylphenol	mg/kg	.14	U	U	.14	U	U	.14	U	U
	2-Nitroaniline	mg/kg	.3	U	U	.3	U	U	.3	U	U
	2-Nitrophenol	mg/kg	.14	U	U	.14	U	U	.14	U	U
	3,3-Dichlorobenzidine	mg/kg	.5	U	U	.5	U	U	.5	U	U

Summary of Validated Subsurface Soil Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 04/17/01

	Location Code:	SI15-SS01			SI15-SS02			SI15-SS02			
	Associated Site:	GSBP-155			GSBP-155			GSBP-155			
	Sample No:	15-SS01B			15-SS02B			15-SS02B			
	Sample Date:	15-MAY-98			15-MAY-98			15-MAY-98			
User Test Group	*Sample Depth:*	3 - 4			3 - 4			3 - 4			
Lab Method											
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	
SEMIVOLATILES											
8270											
3-Nitroaniline	mg/kg	.3	U	U	.3	U	U	.3	U	U	
4,6-Dinitro-2-methylphenol	mg/kg	1	U	U	1	U	U	1	U	U	
4-Bromophenyl phenyl ether	mg/kg	.14	U	U	.14	U	U	.14	U	U	
4-Chloro-3-methylphenol	mg/kg	.14	U	U	.14	U	U	.14	U	U	
4-Chloroaniline	mg/kg	.3	U	U	.3	U	U	.3	U	U	
4-Chlorophenyl phenyl ether	mg/kg	.1	U	U	.1	U	U	.1	U	U	
4-Methylphenol	mg/kg	.14	U	U	.14	U	U	.14	U	U	
4-Nitroaniline	mg/kg	.3	U	UJ	.3	U	U	.3	U	U	
4-Nitrophenol	mg/kg	.5	U	U	.5	U	U	.5	U	U	
Acenaphthene	mg/kg	.07	U	U	.07	U	U	.07	U	U	
Acenaphthylene	mg/kg	.07	U	U	.07	U	U	.07	U	U	
Anthracene	mg/kg	.07	U	U	.07	U	U	.07	U	U	
Benzo(a)anthracene	mg/kg	.1	U	U	.1	U	U	.1	U	U	
Benzo(a)pyrene	mg/kg	.14	U	U	.14	U	U	.14	U	U	
Benzo(b)fluoranthene	mg/kg	.1	U	U	.1	U	U	.1	U	U	
Benzo(ghi)perylene	mg/kg	.16	U	U	.16	U	U	.16	U	U	
Benzo(k)fluoranthene	mg/kg	.1	U	U	.1	U	U	.1	U	U	
Benzoic Acid	mg/kg	1.4	U	U	1.4	U	U	1.4	U	U	
Benzyl Alcohol	mg/kg	.14	U	U	.14	U	U	.14	U	U	
Butyl benzyl phthalate	mg/kg	.1	U	U	.1	U	UJ	.1	U	UJ	
Chrysene	mg/kg	.1	U	U	.1	U	U	.1	U	U	
Di-n-butyl phthalate	mg/kg	.07	U	U	.07	U	U	.07	U	U	
Di-n-octyl phthalate	mg/kg	.14	U	U	.14	U	U	.14	U	U	
Dibenz(a,h)anthracene	mg/kg	.16	U	U	.16	U	U	.16	U	U	
Dibenzofuran	mg/kg	.07	U	U	.07	U	U	.07	U	U	
Diethyl phthalate	mg/kg	.07	U	U	.07	U	U	.07	U	U	
Dimethyl phthalate	mg/kg	.1	U	U	.1	U	U	.1	U	U	
Fluoranthene	mg/kg	.07	U	U	.07	U	U	.07	U	U	
Fluorene	mg/kg	.07	U	U	.07	U	U	.07	U	U	
Hexachlorobenzene	mg/kg	.1	U	U	.1	U	U	.1	U	U	
Hexachlorobutadiene	mg/kg	.14	U	U	.14	U	U	.14	U	U	

Summary of Validated Subsurface Soil Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 04/17/01

	Location Code:	SI15-SS01			SI15-SS02			SI15-SS02		
	Associated Site:	GSBP-155			GSBP-155			GSBP-155		
	Sample No:	15-SS01B			15-SS02B			15-SS02B		
	Sample Date:	15-MAY-98			15-MAY-98			15-MAY-98		
User Test Group	*Sample Depth:*	3 - 4			3 - 4			3 - 4		
Lab Method										
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES										
8270										
Hexachlorocyclopentadiene	mg/kg	1	U	U	1	U	U	1	U	U
Hexachloroethane	mg/kg	.1	U	U	.1	U	U	.1	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.16	U	U	.16	U	U	.16	U	U
Isophorone	mg/kg	.14	U	U	.14	U	U	.14	U	U
Naphthalene	mg/kg	.07	U	U	.07	U	U	.07	U	U
Nitrobenzene	mg/kg	.07	U	U	.07	U	U	.07	U	U
Pentachlorophenol	mg/kg	.5	U	U	.5	U	U	.5	U	U
Phenanthrene	mg/kg	.07	U	U	.07	U	U	.07	U	U
Phenol	mg/kg	.14	U	U	.14	U	U	.14	U	U
Pyrene	mg/kg	.07	U	U	.07	U	U	.07	U	U
bis(2-Chloroethoxy)methane	mg/kg	.07	U	U	.07	U	U	.07	U	U
bis(2-Chloroethyl)ether	mg/kg	.07	U	U	.07	U	U	.07	U	U
bis(2-Chloroisopropyl)ether	mg/kg	.07	U	U	.07	U	U	.07	U	U
bis(2-Ethylhexyl)phthalate	mg/kg	.1	U	U	.034	J	B	.034	J	B
n-Nitroso-di-n-propylamine	mg/kg	.1	U	U	.1	U	U	.1	U	U
n-Nitrosodiphenylamine	mg/kg	.07	U	U	.07	U	U	.07	U	U
VOLATILES										
8260										
1,1,1-Trichloroethane	mg/kg	.0079								
1,1,2,2-Tetrachloroethane	mg/kg	.0044	U	U						
1,1,2-Trichloroethane	mg/kg	.0044	U	U						
1,1-Dichloroethane	mg/kg	.0044	U	U						
1,1-Dichloroethene	mg/kg	.0044	U	U						
1,2-Dichloroethane	mg/kg	.0049	U	U						
1,2-Dichloroethene	mg/kg	.0044	U	U						
1,2-Dichloropropane	mg/kg	.0044	U	U						
2-Butanone	mg/kg	.004	J	J						
2-Hexanone	mg/kg	.022	U	U						
4-Methyl-2-pentanone	mg/kg	.022	U	U						
Acetone	mg/kg	.042	U	U						

		Location Code:	SI15-SS01			SI15-SS02			SI15-SS02		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	15-SS01B			15-SS02B			15-SS02B		
		Sample Date:	15-MAY-98			15-MAY-98			15-MAY-98		
User Test Group		*Sample Depth:*	3 - 4			3 - 4			3 - 4		
Lab Method	*Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES											
8260											
	Benzene	mg/kg	.0044	U	U						
	Bromodichloromethane	mg/kg	.0044	U	U						
	Bromoform	mg/kg	.0044	U	U						
	Bromomethane	mg/kg	.0088	U	R						
	Carbon disulfide	mg/kg	.0044	U	U						
	Carbon tetrachloride	mg/kg	.0044	U	U						
	Chlorobenzene	mg/kg	.0044	U	U						
	Chloroethane	mg/kg	.0088	U	U						
	Chloroform	mg/kg	.0044	U	U						
	Chloromethane	mg/kg	.0088	U	U						
	Dibromochloromethane	mg/kg	.0044	U	U						
	Ethylbenzene	mg/kg	.0021	J	J						
	Methylene chloride	mg/kg	.0081	B	B						
	Styrene	mg/kg	.0044	U	U						
	Tetrachloroethene	mg/kg	.0092								
	Toluene	mg/kg	.0013	J	J						
	Trichloroethene	mg/kg	.0039	J	J						
	Vinyl Acetate	mg/kg	.0088	U	UJ						
	Vinyl chloride	mg/kg	.0088	U	U						
	Xylene, Total	mg/kg	.0088			.012			.012		
	cis-1,3-Dichloropropene	mg/kg	.0044	U	U						
	trans-1,3-Dichloropropene	mg/kg	.0044	U	U						
8260B											
	1,1,1-Trichloroethane	mg/kg				.012			.012		
	1,1,2,2-Tetrachloroethane	mg/kg				.0044	U	U	.0044	U	U
	1,1,2-Trichloroethane	mg/kg				.0044	U	U	.0044	U	U
	1,1-Dichloroethane	mg/kg				.0044	U	U	.0044	U	U
	1,1-Dichloroethene	mg/kg				.0044	U	U	.0044	U	U
	1,2-Dichloroethane	mg/kg				.0044	U	U	.0044	U	U
	1,2-Dichloroethene	mg/kg				.00053	J	J	.00053	J	J
	1,2-Dichloropropane	mg/kg				.0044	U	U	.0044	U	U

Summary of Validated Subsurface Soil Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 04/17/01

	Location Code:	SI15-SS01			SI15-SS02			SI15-SS02		
	Associated Site:	GSBP-155			GSBP-155			GSBP-155		
	Sample No:	15-SS01B			15-SS02B			15-SS02B		
	Sample Date:	15-MAY-98			15-MAY-98			15-MAY-98		
User Test Group	*Sample Depth:*	3 - 4			3 - 4			3 - 4		
Lab Method										
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES										
8260B										
2-Butanone	mg/kg				.005	J	J	.005	J	J
2-Hexanone	mg/kg				.022	U	U	.022	U	U
4-Methyl-2-pentanone	mg/kg				.022	U	U	.022	U	U
Acetone	mg/kg				.044	U	U	.044	U	U
Benzene	mg/kg				.0044	U	U	.0044	U	U
Bromodichloromethane	mg/kg				.0044	U	U	.0044	U	U
Bromoform	mg/kg				.00441	U	U	.00441	U	U
Bromomethane	mg/kg				.0088	U	R	.0088	U	R
Carbon disulfide	mg/kg				.0044	U	U	.0044	U	U
Carbon tetrachloride	mg/kg				.0044	U	U	.0044	U	U
Chlorobenzene	mg/kg				.0044	U	U	.0044	U	U
Chloroethane	mg/kg				.0088	U	U	.0088	U	U
Chloroform	mg/kg				.0044	U	U	.0044	U	U
Chloromethane	mg/kg				.0088	U	U	.0088	U	U
Dibromochloromethane	mg/kg				.0044	U	U	.0044	U	U
Ethylbenzene	mg/kg				.0028	J	J	.0028	J	J
Methylene chloride	mg/kg				.013	B	B	.013	B	B
Styrene	mg/kg				.0044	U	U	.0044	U	U
Tetrachloroethene	mg/kg				.013			.013		
Toluene	mg/kg				.0022	J	J	.0022	J	J
Trichloroethene	mg/kg				.0054			.0054		
Vinyl Acetate	mg/kg				.0088	U	UJ	.0088	U	UJ
Vinyl chloride	mg/kg				.0088	U	U	.0088	U	U
cis-1,3-Dichloropropene	mg/kg				.0044	U	U	.0044	U	U
trans-1,3-Dichloropropene	mg/kg				.0044	U	U	.0044	U	U
WET_CHEM										
9060										
Total Organic Carbon	mg/kg	2010			2780			2780		

Summary of Validated Groundwater Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 11/07/01

	Location Code:		GSBP-155-MW01			GSBP-155-MW02			GSBP-155-MW03		
	Associated Site:		GSBP-155			GSBP-155			GSBP-155		
	Sample No:		BQ3042R			BQ3043			BQ3044		
User Test Group	*Sample Date:*		27-AUG-01			10-DEC-99			13-DEC-99		
Lab Method											
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
CL PESTICIDES											
SW8081A											
4,4'-DDD		mg/L	.00019	U	U						
4,4'-DDE		mg/L	.00019	U	U						
4,4'-DDT		mg/L	.00019	U	U						
Aldrin		mg/L	.000096	U	U						
Dieldrin		mg/L	.00019	U	U						
Endosulfan I		mg/L	.000096	U	U						
Endosulfan II		mg/L	.00019	U	U						
Endosulfan sulfate		mg/L	.00019	U	U						
Endrin		mg/L	.00019	U	U						
Endrin aldehyde		mg/L	.00019	U	U						
Endrin ketone		mg/L	.00019	U	U						
Heptachlor		mg/L	.000096	U	U						
Heptachlor epoxide		mg/L	.000096	U	U						
Methoxychlor		mg/L	.00096	U	U						
Toxaphene		mg/L	.0029	U	U						
alpha-BHC		mg/L	.000096	U	U						
alpha-Chlordane		mg/L	.000096	U	U						
beta-BHC		mg/L	.000096	U	U						
delta-BHC		mg/L	.000096	U	U						
gamma-BHC (Lindane)		mg/L	.000096	U	U						
gamma-Chlordane		mg/L	.000096	U	U						
SW8081_W											
4,4'-DDD		mg/L				.000029	J	J	.00005	U	U
4,4'-DDE		mg/L				.00005	U	U	.00005	U	U
4,4'-DDT		mg/L				.00005	U	U	.00005	U	U
Aldrin		mg/L				.000031	J	J	.00005	U	U
Chlordane		mg/L				.0005	U	U	.0005	U	U
Dieldrin		mg/L				.00005	U	U	.00005	U	U
Endosulfan I		mg/L				.00005	U	U	.00005	U	U
Endosulfan II		mg/L				.00005	U	U	.00005	U	U
Endosulfan sulfate		mg/L				.00005	U	U	.00005	U	U

Summary of Validated Groundwater Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 11/07/01

	Location Code:		GSBP-155-MW01			GSBP-155-MW02			GSBP-155-MW03		
	Associated Site:		GSBP-155			GSBP-155			GSBP-155		
	Sample No:		BQ3042R			BQ3043			BQ3044		
	Sample Date:		27-AUG-01			10-DEC-99			13-DEC-99		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
CL PESTICIDES											
SW8081_W											
Endrin		mg/L				.00005	U	U	.00005	U	U
Endrin aldehyde		mg/L				.00005	U	U	.00005	U	U
Endrin ketone		mg/L				.00005	U	U	.00005	U	U
Heptachlor		mg/L				.00005	U	U	.00005	U	U
Heptachlor epoxide		mg/L				.00005	U	U	.00005	U	U
Methoxychlor		mg/L				.0001	U	U	.0001	U	U
Toxaphene		mg/L				.002	U	U	.002	U	U
alpha-BHC		mg/L				.00005	U	U	.00005	U	U
beta-BHC		mg/L				.00005	U	U	.00005	U	U
delta-BHC		mg/L				.000021	J	J	.00005	U	U
gamma-BHC (Lindane)		mg/L				.00003	J	J	.00005	U	U
METALS											
SW6010B											
Aluminum		mg/L	2.14								
Antimony		mg/L	.1	U	U						
Arsenic		mg/L	.01	U	U						
Barium		mg/L	.0224								
Beryllium		mg/L	.001	U	U						
Cadmium		mg/L	.01	U	U						
Calcium		mg/L	.482	J	B						
Chromium		mg/L	.01	U	U						
Cobalt		mg/L	.02	U	U						
Copper		mg/L	.02	U	U						
Iron		mg/L	1.39								
Lead		mg/L	.01	U	U						
Magnesium		mg/L	1.26								
Manganese		mg/L	.0284								
Nickel		mg/L	.02	U	U						
Potassium		mg/L	4.77	J	J						
Selenium		mg/L	.01	U	U						

		Location Code:	GSBP-155-MW01			GSBP-155-MW02			GSBP-155-MW03		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	BQ3042R			BQ3043			BQ3044		
		Sample Date:	27-AUG-01			10-DEC-99			13-DEC-99		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS											
SW6010B											
Silver		mg/L	.01	U	U						
Sodium		mg/L	1.08								
Thallium		mg/L	.01	U	U						
Vanadium		mg/L	.01	U	U						
Zinc		mg/L	.00672	J	J						
SW6010_W											
Aluminum		mg/L				1.52			1.28		
Antimony		mg/L				.06	U	U	.06	U	U
Arsenic		mg/L				.01	U	U	.01	U	U
Barium		mg/L				.0342	B	J	.0202	B	J
Beryllium		mg/L				.00076	B	B	.0005	B	B
Cadmium		mg/L				.005	U	U	.005	U	U
Calcium		mg/L				2.82	B	J	.646	B	J
Chromium		mg/L				.0048	B	J	.0044	B	J
Cobalt		mg/L				.0023	B	J	.05	U	U
Copper		mg/L				.025	U	U	.025	U	U
Iron		mg/L				1.45			.955		
Lead		mg/L				.003			.003	U	U
Magnesium		mg/L				4.44	B	J	1.13	B	J
Manganese		mg/L				.211			.0346		
Nickel		mg/L				.0041	B	B	.0044	B	B
Potassium		mg/L				4.05	B	J	3.79	B	J
Selenium		mg/L				.005	U	U	.005	U	U
Silver		mg/L				.01	U	U	.01	U	U
Sodium		mg/L				1.24	B	B	1.04	B	B
Thallium		mg/L				.01	U	U	.01	U	U
Vanadium		mg/L				.0026	B	J	.002	B	J
Zinc		mg/L				.0099	B	J	.0083	B	J
SW7470A											
Mercury		mg/L	.0005	U	U						

		Location Code:	GSBP-155-MW01			GSBP-155-MW02			GSBP-155-MW03		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	BQ3042R			BQ3043			BQ3044		
		Sample Date:	27-AUG-01			10-DEC-99			13-DEC-99		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS											
SW7470_W											
Mercury		mg/L				.0002	U	U	.0002	U	U
NITROAROMATICS											
SW8330											
1,3,5-Trinitrobenzene		mg/L	.0004	U	U						
1,3-Dinitrobenzene		mg/L	.0004	U	U						
2,4,6-Trinitrotoluene		mg/L	.0004	U	U						
2,4-Dinitrotoluene		mg/L	.0004	U	U						
2,6-Dinitrotoluene		mg/L	.0004	U	U						
2-Amino-4,6-dinitrotoluene		mg/L	.0004	U	U						
2-Nitrotoluene		mg/L	.0004	U	U						
3-Nitrotoluene		mg/L	.0006	U	U						
4-Amino-2,6-dinitrotoluene		mg/L	.0004	U	U						
HMX		mg/L	.0004	U	U						
Nitrobenzene		mg/L	.0004	U	U						
RDX		mg/L	.0004	U	U						
Tetryl		mg/L	.0004	U	U						
p-Nitrotoluene		mg/L	.0006	U	U						
SW8330_W											
1,3,5-Trinitrobenzene		mg/L				.0002	U	U	.0002	U	U
1,3-Dinitrobenzene		mg/L				.0002	U	U	.0002	U	U
2,4,6-Trinitrotoluene		mg/L				.0002	U	U	.0002	U	U
2,4-Dinitrotoluene		mg/L				.0002	U	U	.0002	U	U
2,6-Dinitrotoluene		mg/L				.0002	U	U	.0002	U	U
2-Amino-4,6-dinitrotoluene		mg/L				.0002	U	U	.0002	U	U
2-Nitrotoluene		mg/L				.00027	GU	U	.0002	U	U
3-Nitrotoluene		mg/L				.0002	U	U	.0002	U	U
4-Amino-2,6-dinitrotoluene		mg/L				.0002	U	U	.0002	U	U
HMX		mg/L				.0005	U	U	.0005	U	U
Nitrobenzene		mg/L				.0002	U	U	.0002	U	U
RDX		mg/L				.0005	U	U	.0005	U	U

		Location Code:	GSBP-155-MW01			GSBP-155-MW02			GSBP-155-MW03		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	BQ3042R			BQ3043			BQ3044		
		Sample Date:	27-AUG-01			10-DEC-99			13-DEC-99		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS											
SW8330_W											
Tetryl		mg/L				.0002	U	U	.0002	U	U
p-Nitrotoluene		mg/L				.0002	U	U	.0002	U	U
PEST/PCB											
SW8082											
Aroclor 1016		mg/L	.00096	U	U						
Aroclor 1221		mg/L	.00096	U	U						
Aroclor 1232		mg/L	.00096	U	U						
Aroclor 1242		mg/L	.00096	U	U						
Aroclor 1248		mg/L	.00096	U	U						
Aroclor 1254		mg/L	.00096	U	U						
Aroclor 1260		mg/L	.00096	U	U						
SW8082_W											
Aroclor 1016		mg/L				.001	U	U	.001	U	U
Aroclor 1221		mg/L				.001	U	U	.001	U	U
Aroclor 1232		mg/L				.001	U	U	.001	U	U
Aroclor 1242		mg/L				.001	U	U	.001	U	U
Aroclor 1248		mg/L				.001	U	U	.001	U	U
Aroclor 1254		mg/L				.001	U	U	.001	U	U
Aroclor 1260		mg/L				.001	U	U	.001	U	U
SEMIVOLATILES											
SW8270C											
1,2,4-Trichlorobenzene		mg/L	.0099	U	U						
1,2-Dichlorobenzene		mg/L	.0099	U	U						
1,3-Dichlorobenzene		mg/L	.0099	U	U						
1,4-Dichlorobenzene		mg/L	.0099	U	U						
2,4,5-Trichlorophenol		mg/L	.0099	U	U						
2,4,6-Trichlorophenol		mg/L	.0099	U	U						
2,4-Dichlorophenol		mg/L	.0099	U	U						
2,4-Dimethylphenol		mg/L	.0099	U	U						

		Location Code:	GSBP-155-MW01			GSBP-155-MW02			GSBP-155-MW03		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	BQ3042R			BQ3043			BQ3044		
		Sample Date:	27-AUG-01			10-DEC-99			13-DEC-99		
User Test Group											
Lab Method											
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES											
SW8270C											
2,4-Dinitrophenol		mg/L	.02	U	U						
2,4-Dinitrotoluene		mg/L	.02	U	U						
2,6-Dinitrotoluene		mg/L	.02	U	U						
2-Chloronaphthalene		mg/L	.0099	U	U						
2-Chlorophenol		mg/L	.0099	U	U						
2-Methylnaphthalene		mg/L	.0099	U	U						
2-Methylphenol		mg/L	.0099	U	U						
2-Nitroaniline		mg/L	.02	U	U						
2-Nitrophenol		mg/L	.0099	U	U						
3,3-Dichlorobenzidine		mg/L	.0099	U	U						
3-Nitroaniline		mg/L	.0099	U	U						
4,6-Dinitro-2-methylphenol		mg/L	.02	U	U						
4-Bromophenyl phenyl ether		mg/L	.02	U	U						
4-Chloro-3-methylphenol		mg/L	.0099	U	U						
4-Chloroaniline		mg/L	.0099	U	U						
4-Chlorophenyl phenyl ether		mg/L	.0099	U	U						
4-Methylphenol		mg/L	.0099	U	U						
4-Nitroaniline		mg/L	.0099	U	U						
4-Nitrophenol		mg/L	.0099	U	U						
Acenaphthene		mg/L	.0099	U	U						
Acenaphthylene		mg/L	.0099	U	U						
Anthracene		mg/L	.0099	U	U						
Benzo(a)anthracene		mg/L	.0099	U	U						
Benzo(a)pyrene		mg/L	.0099	U	U						
Benzo(b)fluoranthene		mg/L	.0099	U	U						
Benzo(ghi)perylene		mg/L	.0099	U	U						
Benzo(k)fluoranthene		mg/L	.0099	U	U						
Butyl benzyl phthalate		mg/L	.0099	U	U						
Carbazole		mg/L	.0099	U	U						
Chrysene		mg/L	.0099	U	U						
Di-n-butyl phthalate		mg/L	.0099	U	U						

		Location Code:	GSBP-155-MW01			GSBP-155-MW02			GSBP-155-MW03		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	BQ3042R			BQ3043			BQ3044		
		Sample Date:	27-AUG-01			10-DEC-99			13-DEC-99		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES											
SW8270C											
Di-n-octyl phthalate		mg/L	.0099	U	U						
Dibenz(a,h)anthracene		mg/L	.0099	U	U						
Dibenzofuran		mg/L	.0099	U	U						
Diethyl phthalate		mg/L	.02	U	U						
Dimethyl phthalate		mg/L	.02	U	U						
Fluoranthene		mg/L	.0099	U	U						
Fluorene		mg/L	.0099	U	U						
Hexachlorobenzene		mg/L	.02	U	U						
Hexachlorobutadiene		mg/L	.0099	U	U						
Hexachlorocyclopentadiene		mg/L	.0099	U	U						
Hexachloroethane		mg/L	.0099	U	U						
Indeno(1,2,3-cd)pyrene		mg/L	.0099	U	U						
Isophorone		mg/L	.0099	U	U						
Naphthalene		mg/L	.0099	U	U						
Nitrobenzene		mg/L	.0099	U	U						
Pentachlorophenol		mg/L	.02	U	U						
Phenanthrene		mg/L	.02	U	U						
Phenol		mg/L	.0099	U	U						
Pyrene		mg/L	.0099	U	U						
bis(2-Chloroethoxy)methane		mg/L	.0099	U	U						
bis(2-Chloroethyl)ether		mg/L	.0099	U	U						
bis(2-Chloroisopropyl)ether		mg/L	.0099	U	U						
bis(2-Ethylhexyl)phthalate		mg/L	.02	U	U						
n-Nitroso-di-n-propylamine		mg/L	.0099	U	U						
n-Nitrosodiphenylamine		mg/L	.0099	U	U						
SW8270_W											
1,2,4-Trichlorobenzene		mg/L				.01	U	U	.01	U	UJ
1,2-Dichlorobenzene		mg/L				.01	U	U	.01	U	UJ
1,3-Dichlorobenzene		mg/L				.01	U	U	.01	U	UJ
1,4-Dichlorobenzene		mg/L				.01	U	U	.01	U	UJ
2,4,5-Trichlorophenol		mg/L				.01	U	U	.01	U	UJ

		Location Code:	GSBP-155-MW01			GSBP-155-MW02			GSBP-155-MW03		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	BQ3042R			BQ3043			BQ3044		
		Sample Date:	27-AUG-01			10-DEC-99			13-DEC-99		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES											
SW8270_W											
2,4,6-Trichlorophenol		mg/L				.01	U	U	.01	U	UJ
2,4-Dichlorophenol		mg/L				.01	U	U	.01	U	UJ
2,4-Dimethylphenol		mg/L				.01	U	U	.01	U	UJ
2,4-Dinitrophenol		mg/L				.05	U	U	.05	U	UJ
2,4-Dinitrotoluene		mg/L				.01	U	U	.01	U	UJ
2,6-Dinitrotoluene		mg/L				.01	U	U	.01	U	UJ
2-Chloronaphthalene		mg/L				.01	U	U	.01	U	UJ
2-Chlorophenol		mg/L				.01	U	U	.01	U	UJ
2-Methylnaphthalene		mg/L				.01	U	U	.01	U	UJ
2-Methylphenol		mg/L				.01	U	U	.01	U	UJ
2-Nitroaniline		mg/L				.05	U	U	.05	U	UJ
2-Nitrophenol		mg/L				.01	U	U	.01	U	UJ
3,3-Dichlorobenzidine		mg/L				.05	U	U	.05	U	U
3-Nitroaniline		mg/L				.05	U	U	.05	U	UJ
4,6-Dinitro-2-methylphenol		mg/L				.05	U	U	.05	U	UJ
4-Bromophenyl phenyl ether		mg/L				.01	U	U	.01	U	UJ
4-Chloro-3-methylphenol		mg/L				.01	U	U	.01	U	UJ
4-Chloroaniline		mg/L				.01	U	U	.01	U	UJ
4-Chlorophenyl phenyl ether		mg/L				.01	U	U	.01	U	UJ
4-Methylphenol		mg/L				.01	U	U	.01	U	UJ
4-Nitroaniline		mg/L				.05	U	U	.05	U	UJ
4-Nitrophenol		mg/L				.05	U	U	.05	U	UJ
Acenaphthene		mg/L				.01	U	U	.01	U	UJ
Acenaphthylene		mg/L				.01	U	U	.01	U	UJ
Anthracene		mg/L				.01	U	U	.01	U	UJ
Benzo(a)anthracene		mg/L				.01	U	U	.01	U	U
Benzo(a)pyrene		mg/L				.01	U	U	.01	U	U
Benzo(b)fluoranthene		mg/L				.01	U	U	.01	U	U
Benzo(ghi)perylene		mg/L				.01	U	U	.01	U	U
Benzo(k)fluoranthene		mg/L				.01	U	U	.01	U	U
Butyl benzyl phthalate		mg/L				.01	U	U	.01	U	UJ

		Location Code:	GSBP-155-MW01			GSBP-155-MW02			GSBP-155-MW03		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	BQ3042R			BQ3043			BQ3044		
		Sample Date:	27-AUG-01			10-DEC-99			13-DEC-99		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES											
SW8270_W											
Carbazole		mg/L				.01	U	U	.01	U	UJ
Chrysene		mg/L				.01	U	U	.01	U	U
Di-n-butyl phthalate		mg/L				.01	U	U	.01	U	UJ
Di-n-octyl phthalate		mg/L				.01	U	U	.01	U	UJ
Dibenz(a,h)anthracene		mg/L				.01	U	U	.01	U	U
Dibenzofuran		mg/L				.01	U	U	.01	U	UJ
Diethyl phthalate		mg/L				.01	U	U	.01	U	U
Dimethyl phthalate		mg/L				.01	U	U	.01	U	UJ
Fluoranthene		mg/L				.01	U	U	.01	U	UJ
Fluorene		mg/L				.01	U	U	.01	U	UJ
Hexachlorobenzene		mg/L				.01	U	U	.01	U	UJ
Hexachlorobutadiene		mg/L				.01	U	U	.01	U	UJ
Hexachlorocyclopentadiene		mg/L				.05	U	U	.05	U	UJ
Hexachloroethane		mg/L				.01	U	U	.01	U	UJ
Indeno(1,2,3-cd)pyrene		mg/L				.01	U	U	.01	U	U
Isophorone		mg/L				.01	U	U	.01	U	UJ
Naphthalene		mg/L				.01	U	U	.01	U	UJ
Nitrobenzene		mg/L				.01	U	U	.01	U	UJ
Pentachlorophenol		mg/L				.05	U	U	.05	U	UJ
Phenanthrene		mg/L				.01	U	U	.01	U	UJ
Phenol		mg/L				.01	U	U	.01	U	UJ
Pyrene		mg/L				.01	U	U	.01	U	U
bis(2-Chloroethoxy)methane		mg/L				.01	U	U	.01	U	UJ
bis(2-Chloroethyl)ether		mg/L				.01	U	U	.01	U	UJ
bis(2-Chloroisopropyl)ether		mg/L				.01	U	U	.01	U	UJ
bis(2-Ethylhexyl)phthalate		mg/L				.01	U	U	.01	U	U
n-Nitroso-di-n-propylamine		mg/L				.01	U	U	.01	U	UJ
n-Nitrosodiphenylamine		mg/L				.01	U	U	.01	U	UJ

		Location Code:	GSBP-155-MW01			GSBP-155-MW02			GSBP-155-MW03		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	BQ3042R			BQ3043			BQ3044		
		Sample Date:	27-AUG-01			10-DEC-99			13-DEC-99		
User Test Group											
Lab Method											
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES											
SW8260B											
1,1,1,2-Tetrachloroethane		mg/L	.001	U	U						
1,1,1-Trichloroethane		mg/L	.001	U	U						
1,1,2,2-Tetrachloroethane		mg/L	.001	U	U						
1,1,2-Trichloroethane		mg/L	.001	U	U						
1,1-Dichloroethane		mg/L	.001	U	U						
1,1-Dichloroethene		mg/L	.001	U	U						
1,1-Dichloropropene		mg/L	.001	U	U						
1,2,3-Trichlorobenzene		mg/L	.001	U	U						
1,2,3-Trichloropropane		mg/L	.001	U	U						
1,2,4-Trichlorobenzene		mg/L	.001	U	U						
1,2,4-Trimethylbenzene		mg/L	.001	U	U						
1,2-Dibromo-3-Chloropropane		mg/L	.002	U	U						
1,2-Dibromoethane		mg/L	.001	U	U						
1,2-Dichlorobenzene		mg/L	.001	U	U						
1,2-Dichloroethane		mg/L	.001	U	U						
1,2-Dichloropropane		mg/L	.001	U	U						
1,2-Dimethylbenzene		mg/L	.001	U	U						
1,3,5-Trimethylbenzene		mg/L	.001	U	U						
1,3-Dichlorobenzene		mg/L	.001	U	U						
1,3-Dichloropropane		mg/L	.001	U	U						
1,4-Dichlorobenzene		mg/L	.005	U	U						
2-Butanone		mg/L	.01	U	U						
2-Hexanone		mg/L	.01	U	U						
4-Methyl-2-pentanone		mg/L	.01	U	U						
Acetone		mg/L	.0035	J	B						
Benzene		mg/L	.001	U	U						
Bromobenzene		mg/L	.001	U	U						
Bromochloromethane		mg/L	.001	U	U						
Bromodichloromethane		mg/L	.001	U	U						
Bromoform		mg/L	.001	U	U						
Bromomethane		mg/L	.001	U	U						

		Location Code:	GSBP-155-MW01			GSBP-155-MW02			GSBP-155-MW03		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	BQ3042R			BQ3043			BQ3044		
		Sample Date:	27-AUG-01			10-DEC-99			13-DEC-99		
User Test Group											
Lab Method											
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES											
SW8260B											
Carbon disulfide		mg/L	.001	U	U						
Carbon tetrachloride		mg/L	.001	U	U						
Chlorobenzene		mg/L	.001	U	U						
Chloroethane		mg/L	.001	U	U						
Chloroform		mg/L	.001	U	U						
Chloromethane		mg/L	.001	U	U						
Cumene		mg/L	.001	U	U						
Dibromochloromethane		mg/L	.001	U	U						
Dibromomethane		mg/L	.001	U	U						
Dichlorodifluoromethane		mg/L	.001	U	U						
Ethylbenzene		mg/L	.001	U	U						
Hexachlorobutadiene		mg/L	.001	U	U						
Methylene chloride		mg/L	.00018	JB	B						
Naphthalene		mg/L	.001	U	U						
Styrene		mg/L	.001	U	U						
Tetrachloroethene		mg/L	.001	U	U						
Toluene		mg/L	.001	U	U						
Trichloroethene		mg/L	.001	U	U						
Trichlorofluoromethane		mg/L	.001	U	U						
Vinyl chloride		mg/L	.001	U	U						
cis-1,2-Dichloroethene		mg/L	.001	U	U						
cis-1,3-Dichloropropene		mg/L	.001	U	U						
m,p-Xylenes		mg/L	.002	U	U						
n-Butylbenzene		mg/L	.001	U	U						
n-Propylbenzene		mg/L	.001	U	U						
o-Chlorotoluene		mg/L	.001	U	U						
p-Chlorotoluene		mg/L	.001	U	U						
p-Cymene		mg/L	.001	U	U						
sec-Butylbenzene		mg/L	.001	U	U						
sec-Dichloropropane		mg/L	.001	U	U						
tert-Butylbenzene		mg/L	.001	U	U						

		Location Code:	GSBP-155-MW01			GSBP-155-MW02			GSBP-155-MW03		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	BQ3042R			BQ3043			BQ3044		
		Sample Date:	27-AUG-01			10-DEC-99			13-DEC-99		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES											
SW8260B											
trans-1,2-Dichloroethene		mg/L	.001	U	U						
trans-1,3-Dichloropropene		mg/L	.001	U	U						
SW8260_W											
1,1,1,2-Tetrachloroethane		mg/L				.001	U	U	.001	U	U
1,1,1-Trichloroethane		mg/L				.001	U	U	.001	U	U
1,1,2,2-Tetrachloroethane		mg/L				.001	U	U	.001	U	U
1,1,2-Trichloroethane		mg/L				.001	U	U	.001	U	U
1,1-Dichloroethane		mg/L				.001	U	U	.001	U	U
1,1-Dichloroethene		mg/L				.001	U	U	.001	U	U
1,1-Dichloropropene		mg/L				.001	U	U	.001	U	U
1,2,3-Trichlorobenzene		mg/L				.001	U	U	.001	U	U
1,2,3-Trichloropropane		mg/L				.001	U	UJ	.001	U	UJ
1,2,4-Trichlorobenzene		mg/L				.001	U	U	.001	U	U
1,2,4-Trimethylbenzene		mg/L				.001	U	U	.001	U	U
1,2-Dibromo-3-Chloropropane		mg/L				.002	U	R	.002	U	R
1,2-Dibromoethane		mg/L				.001	U	U	.001	U	U
1,2-Dichlorobenzene		mg/L				.001	U	U	.001	U	U
1,2-Dichloroethane		mg/L				.001	U	U	.001	U	U
1,2-Dichloropropane		mg/L				.001	U	U	.001	U	U
1,2-Dimethylbenzene		mg/L				.001	U	U	.001	U	U
1,3,5-Trimethylbenzene		mg/L				.001	U	U	.001	U	U
1,3-Dichlorobenzene		mg/L				.001	U	U	.001	U	U
1,3-Dichloropropane		mg/L				.001	U	U	.001	U	U
1,4-Dichlorobenzene		mg/L				.001	U	U	.001	U	U
2-Butanone		mg/L				.005	U	R	.005	U	R
2-Hexanone		mg/L				.005	U	U	.005	U	U
4-Methyl-2-pentanone		mg/L				.005	U	U	.005	U	U
Acetone		mg/L				.01	U	R	.00074	J B	B
Benzene		mg/L				.001	U	U	.001	U	U
Bromobenzene		mg/L				.001	U	U	.001	U	U
Bromochloromethane		mg/L				.001	U	R	.001	U	R

		Location Code:	GSBP-155-MW01			GSBP-155-MW02			GSBP-155-MW03		
		Associated Site:	GSBP-155			GSBP-155			GSBP-155		
		Sample No:	BQ3042R			BQ3043			BQ3044		
		Sample Date:	27-AUG-01			10-DEC-99			13-DEC-99		
User Test Group											
Lab Method											
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES											
SW8260_W											
Bromodichloromethane		mg/L				.001	U	U	.001	U	U
Bromoform		mg/L				.001	U	U	.001	U	U
Bromomethane		mg/L				.002	U	U	.002	U	U
Carbon disulfide		mg/L				.001	U	U	.001	U	U
Carbon tetrachloride		mg/L				.001	U	U	.001	U	U
Chlorobenzene		mg/L				.001	U	U	.001	U	U
Chloroethane		mg/L				.002	U	U	.002	U	U
Chloroform		mg/L				.001	U	U	.001	U	U
Chloromethane		mg/L				.00024	J	B	.00016	J	B
Cumene		mg/L				.001	U	U	.001	U	U
Dibromochloromethane		mg/L				.001	U	U	.001	U	U
Dibromomethane		mg/L				.001	U	R	.001	U	R
Dichlorodifluoromethane		mg/L				.002	U	U	.002	U	U
Ethylbenzene		mg/L				.001	U	U	.001	U	U
Hexachlorobutadiene		mg/L				.001	U	U	.001	U	U
Methylene chloride		mg/L				.001	U	UJ	.001	U	UJ
Naphthalene		mg/L				.001	U	U	.001	U	U
Styrene		mg/L				.001	U	U	.001	U	U
Tetrachloroethene		mg/L				.001	U	U	.001	U	U
Toluene		mg/L				.001	U	U	.001	U	U
Trichloroethene		mg/L				.001	U	U	.001	U	U
Trichlorofluoromethane		mg/L				.002	U	U	.002	U	U
Vinyl chloride		mg/L				.002	U	U	.002	U	U
cis-1,2-Dichloroethene		mg/L				.001	U	U	.001	U	U
cis-1,3-Dichloropropene		mg/L				.001	U	U	.001	U	U
m,p-Xylenes		mg/L				.001	U	U	.001	U	U
n-Butylbenzene		mg/L				.001	U	U	.001	U	U
n-Propylbenzene		mg/L				.001	U	U	.001	U	U
o-Chlorotoluene		mg/L				.001	U	U	.001	U	U
p-Chlorotoluene		mg/L				.001	U	U	.001	U	U
p-Cymene		mg/L				.001	U	U	.001	U	U

Summary of Validated Groundwater Data
Ground Scar/Pit (Parcel 155)
Fort McClellan, Alabama

Report Date: 11/07/01

	Location Code:		GSBP-155-MW01			GSBP-155-MW02			GSBP-155-MW03	
	Associated Site:		GSBP-155			GSBP-155			GSBP-155	
	Sample No:		BQ3042R			BQ3043			BQ3044	
	Sample Date:		27-AUG-01			10-DEC-99			13-DEC-99	
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES											
SW8260_W											
sec-Butylbenzene		mg/L				.001	U	U	.001	U	U
sec-Dichloropropane		mg/L				.001	U	U	.001	U	U
tert-Butylbenzene		mg/L				.001	U	U	.001	U	U
trans-1,2-Dichloroethene		mg/L				.001	U	U	.001	U	U
trans-1,3-Dichloropropene		mg/L				.001	U	U	.001	U	U