

APPENDIX B

BORING LOGS AND WELL CONSTRUCTION LOGS

BORING LOGS

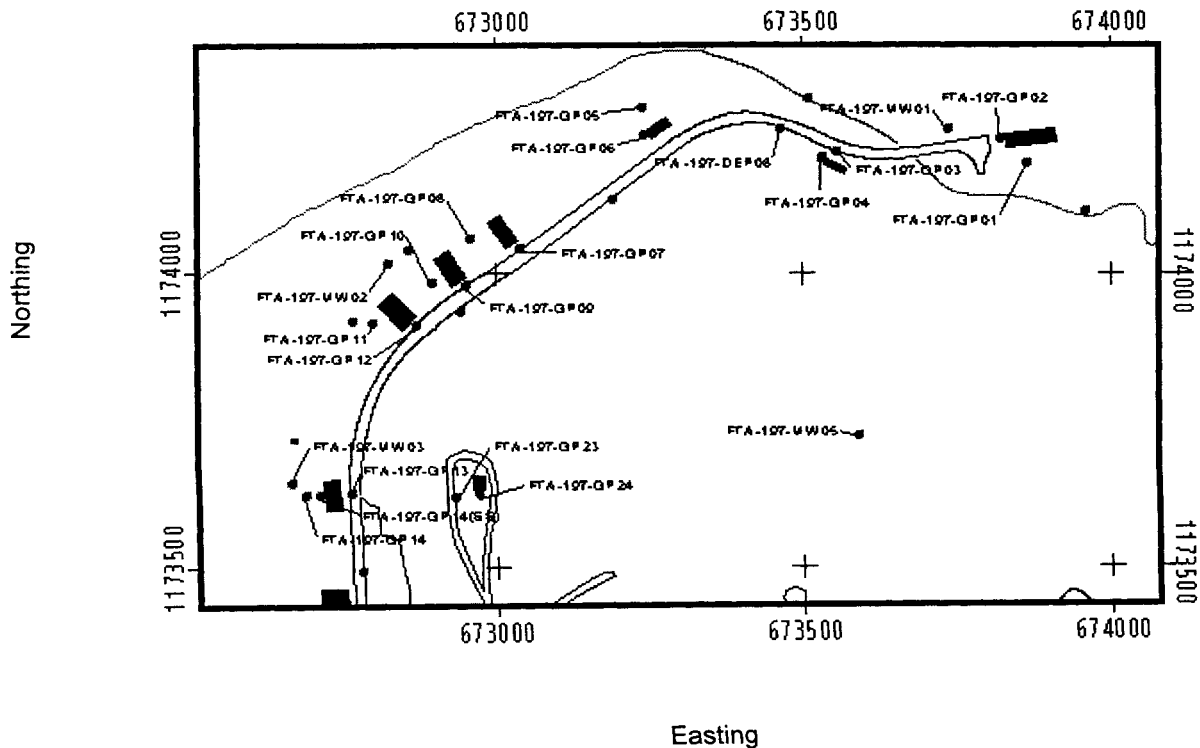
HTRW DRILLING LOG

HOLE NUMBER

FTA-197-GP01

| | | | | | |
|--|--|---|--|--------------------------|-----------------|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Teg Drilling | | Sheet 1 of 2 sheets | |
| 3. Project: Fort McClellan | | | 4. Location: Parcel 197 | | |
| 5. Name of driller: Sammy McDaniels | | | 6. Mfr designation of drill: geoprobe | | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2'x4' acetate-lined sampler | | | 8. Hole location Grass | | |
| | | | 9. Surface elevation (feet above mean sea level): 823.719 | | |
| 12. Overburden thickness (feet bgs): >10 | | | 15. Depth groundwater encountered (feet bgs): | | |
| 13. Depth drilled into rock (feet bgs): | | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | |
| 14. Total depth of hole (feet bgs): 10 | | | 17. Other water level measurements (specify): | | |
| 18. Geotechnical samples: | | Disturbed: | | Undisturbed: | |
| 19. Total no. of core boxes: | | 20. Samples for chemical analysis: | | 21. Total core recovery: | |
| | | VOC | Metals | Other (specify) | Other (specify) |
| | | X | X | OP/CL Pests | OP/CI Herbs |
| | | | | | PCBs |
| | | | | | N/A |
| 22. Disposition of hole: | | Backfilled | Monitoring well | Other (specify) | Geologist: |
| | | X | | | James Dendy |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-GP01

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP01

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 2 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 count (g) | Remarks (h) |
|-----------|-----------|---|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | 0 | ml: Brown SILT, some Sand, moist. | | | Organic Vapor = 0.0ppm | | CA0001 | | Rec 48"/48" |
| | 1 | | | | | | | | |
| | 2 | | ml | | | | | | |
| | 3 | | | | | | | | |
| 820 | 4 | sm-ml: Brown SILT, and SAND, little Gravel. (moist) | | | Organic Vapor = 0.0ppm | | | | Rec 24"/48" |
| | 5 | | | | | | | | |
| | 6 | | sm-ml | | | | | | |
| | 7 | | | | | | | | |
| | 8 | sm-ml: Brown wet SILT and SAND. | | | Organic Vapor = 0.0ppm | | | | Rec 24"/48" |
| 815 | 9 | | sm-ml | | | | CA0002 | | |
| | 10 | | | | | | | | Refusal at 10'. Bottom of borehole is 10'. |

HTRW DRILLING LOG

HOLE NUMBER

FTA-197-GP02

Sheet 1 of 3 sheets

1. Company name: **IT Corporation**

2. Drill Subcontractor: **Teg Drilling**

3. Project: **Fort McClellan**

4. Location: **Parcel 197**

5. Name of driller: **Sammy McDaniels**

6. Mfr designation of drill: **Geoprobe**

7. Sizes and types of drilling and sampling equipment:

8. Hole location **Concrete**

Direct Push

9. Surface elevation (feet above mean sea level): **820.542**

2'x4' acetate-lined sampler

10. Date started: **12/01/99**

11. Date completed: **12/01/99**

12. Overburden thickness (feet bgs): **>11**

15. Depth groundwater encountered (feet bgs):

13. Depth drilled into rock (feet bgs):

16. Depth to water and elapsed time after drilling completed (feet bgs):

14. Total depth of hole (feet bgs): **11**

17. Other water level measurements (specify):

18. Geotechnical samples:

Disturbed:

Undisturbed:

19. Total no. of core boxes:

20. Samples for chemical analysis:

VOC

Metals

Other (specify)

Other (specify)

Other (specify)

21. Total core recovery:

X

X

OP/CL Pests

OP/CL Herbs

PCBs

N/A

22. Disposition of hole:

Backfilled

Monitoring well

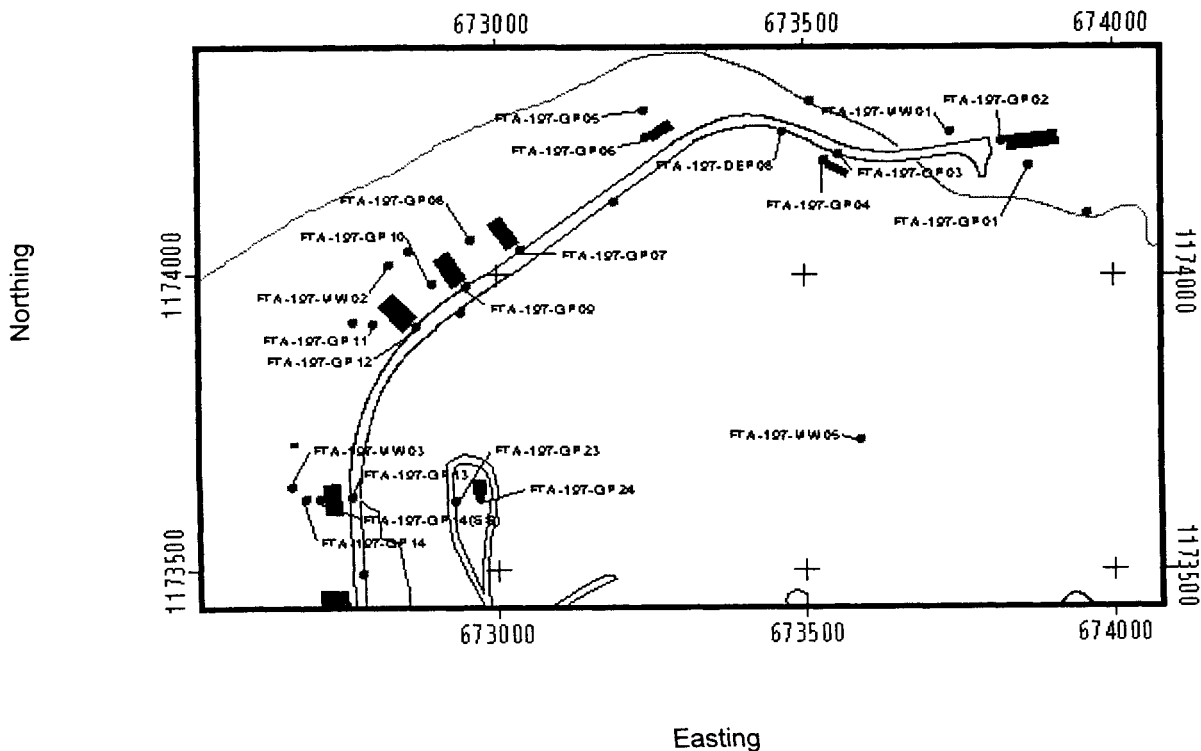
Other (specify)

Geologist:

X

James Dendy

LOCATION SKETCH/COMMENTS:



Project: **Fort McClellan**

bgs= below ground surface
NA = Not applicable

Hole no.: **FTA-197-GP02**

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP02

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 3 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 count (g) | Remarks (h) |
|-----------|-----------|--|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|-------------|
| | 0 | ml: Brown SILT, some Sand, some Gravel. | | | Organic Vapor = 0.0ppm | | CA0003 | | Rec 36"/48" |
| 820 | 1 | | | | | | | | |
| | 2 | | ml | | | | | | |
| | 3 | | | | | | | | |
| | 4 | ml: Brown SILT, some Clay, some Sand, some Gravel. | | | Organic Vapor = 0.0ppm | | | | Rec 36"/48" |
| | 5 | | | | | | | | |
| 815 | 6 | | ml | | | | | | |
| | 7 | | | | | | CA0004 | | |
| | 8 | ml: Brown wet SILT, some Gravel. | | | Organic Vapor = 0.0ppm | | | | Rec 36"/48" |
| | 9 | | ml | | | | | | |

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP02

Project: Fort McClellan

Geologist: James Dendy

Sheet 3 of 3 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 count (g) | Remarks (h) |
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | 10 | | | | | | | | |
| | 810 | | | | | | | | |
| | 11 | | | | | | | | Refusal at 11'. Bottom of borehole is 11'. |

HTRW DRILLING LOG

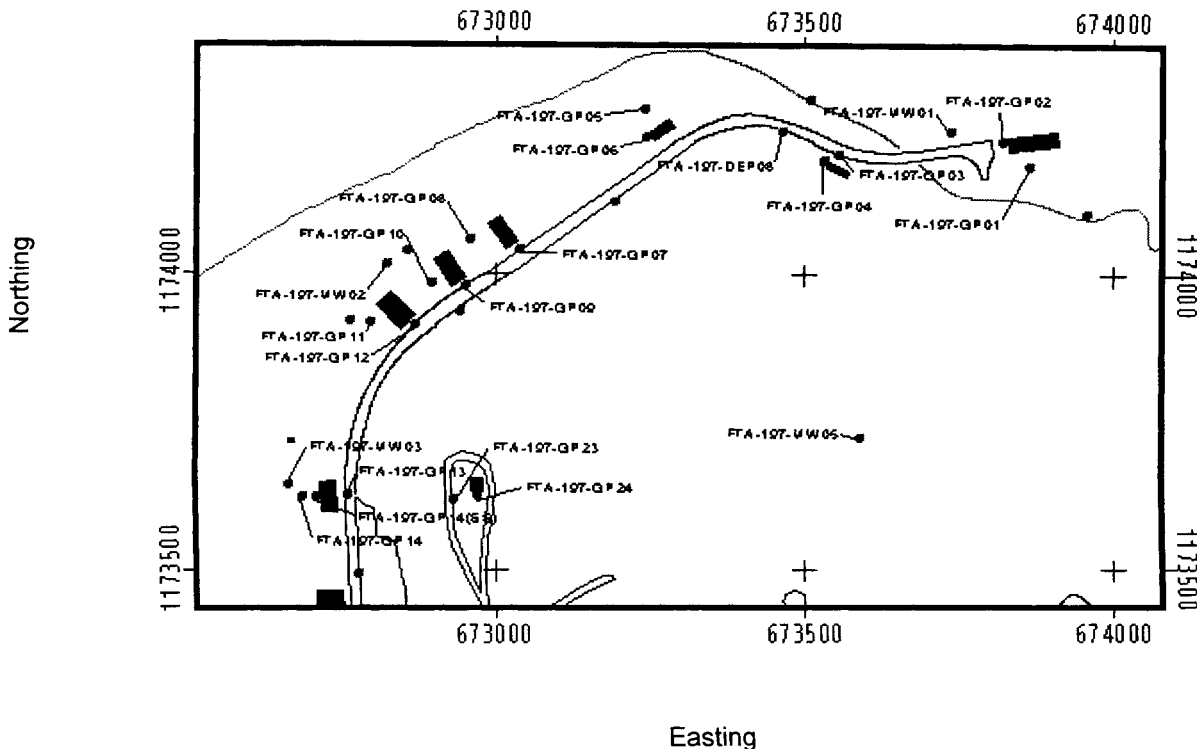
HOLE NUMBER

FTA-197-GP03

| | | |
|--|--|-------------------------------------|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg Drilling | Sheet 1 of 3 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: Sammy McDaniels | 6. Mfr designation of drill: Geoprobe | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 4"x2" acetate-lined sampler | 8. Hole location Grass/sand | |
| | 9. Surface elevation (feet above mean sea level): 808.870 | |
| | 10. Date started: 12/01/99 | 11. Date completed: 12/01/99 |
| 12. Overburden thickness (feet bgs): >12 | 15. Depth groundwater encountered (feet bgs): | |
| 13. Depth drilled into rock (feet bgs): | 16. Depth to water and elapsed time after drilling completed (feet bgs): | |
| 14. Total depth of hole (feet bgs): 12 | 17. Other water level measurements (specify): | |

| | | | | | | |
|------------------------------------|------------|-----------------|------------------------------|-----------------|-----------------|--------------------------|
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | 19. Total no. of core boxes: | | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | OP/CI Pests | OP/CL Pests | PCBs | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | |
| | X | | | James Dendy | | |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-GP03

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP03

Project: Fort McClellan

Geologist: James Dendy

Sheet 3 of 3 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 count (g) | Remarks (h) |
|--------------|--------------|------------------------------|---------------------|---------|-----------------------------------|---|---------------------------------|-------------------|----------------------------|
| 10 | 11 | | ml | | | | CA0008 | | Bottom of borehole is 12'. |
| 12 | 12 | | | | | | | | |

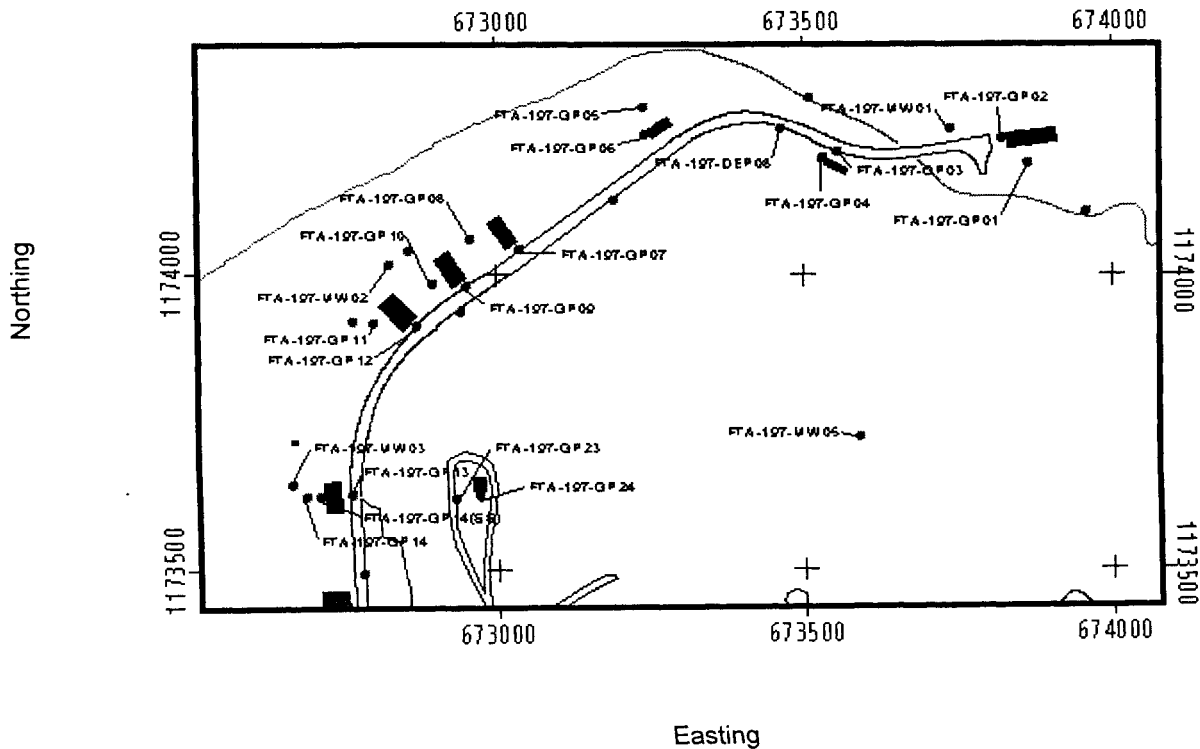
HTRW DRILLING LOG

HOLE NUMBER
FTA-197-GP04

| | | |
|--|--|-------------------------------------|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg Drilling | Sheet 1 of 3 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: Sammy McDaniels | 6. Mfr designation of drill: Geoprobe | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | 8. Hole location Asphalt | |
| | 9. Surface elevation (feet above mean sea level): 810.609 | |
| | 10. Date started: 12/01/99 | 11. Date completed: 12/01/99 |
| 12. Overburden thickness (feet bgs): >12 | 15. Depth groundwater encountered (feet bgs): | |
| 13. Depth drilled into rock (feet bgs): | 16. Depth to water and elapsed time after drilling completed (feet bgs): | |
| 14. Total depth of hole (feet bgs): 12 | 17. Other water level measurements (specify): | |

| | | | | | | |
|------------------------------------|------------|-----------------|------------------------------|-----------------|-----------------|--------------------------|
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | 19. Total no. of core boxes: | | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | OP/CL Pests | OP/CL Herbs | PCBS | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | |
| | X | | | James Dendy | | |

LOCATION SKETCH/COMMENTS:



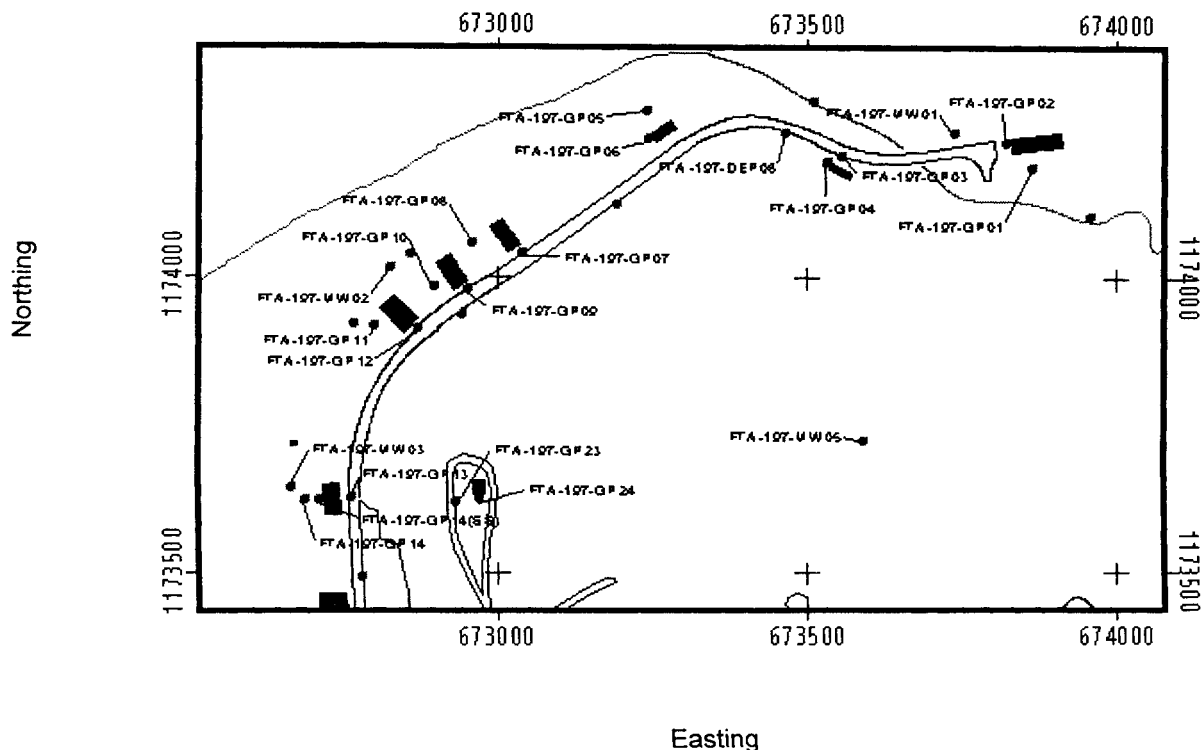
HTRW DRILLING LOG

HOLE NUMBER

FTA-197-GP05

| | | | | | |
|--|--|--------------------------------------|--|---------------------|-------------------------------------|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Teg Drilling | | Sheet 1 of 3 sheets | |
| 3. Project: Fort McClellan | | | 4. Location: Parcel 197 | | |
| 5. Name of driller: Sammy McDaniels | | | 6. Mfr designation of drill: Geoprobe | | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | | | 8. Hole location: Grass | | |
| | | | 9. Surface elevation (feet above mean sea level): 802.054 | | |
| 12. Overburden thickness (feet bgs): >12 | | | 15. Depth groundwater encountered (feet bgs): | | |
| 13. Depth drilled into rock (feet bgs): | | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | |
| 14. Total depth of hole (feet bgs): 12 | | | 17. Other water level measurements (specify): | | |
| 18. Geotechnical samples: | | Disturbed: | | Undisturbed: | |
| 19. Total no. of core boxes: | | | | | |
| 20. Samples for chemical analysis: | | VOC | Metals | Other (specify) | 21. Total core recovery: |
| | | X | X | CL/OP Pests | Other (specify) Other (specify) N/A |
| | | | | CL/OP Herbs PCBs | |
| 22. Disposition of hole: | | Backfilled | Monitoring well | Other (specify) | Geologist: |
| | | X | | | James Dendy |

LOCATION SKETCH/COMMENTS:



HTRW DRILLING LOG

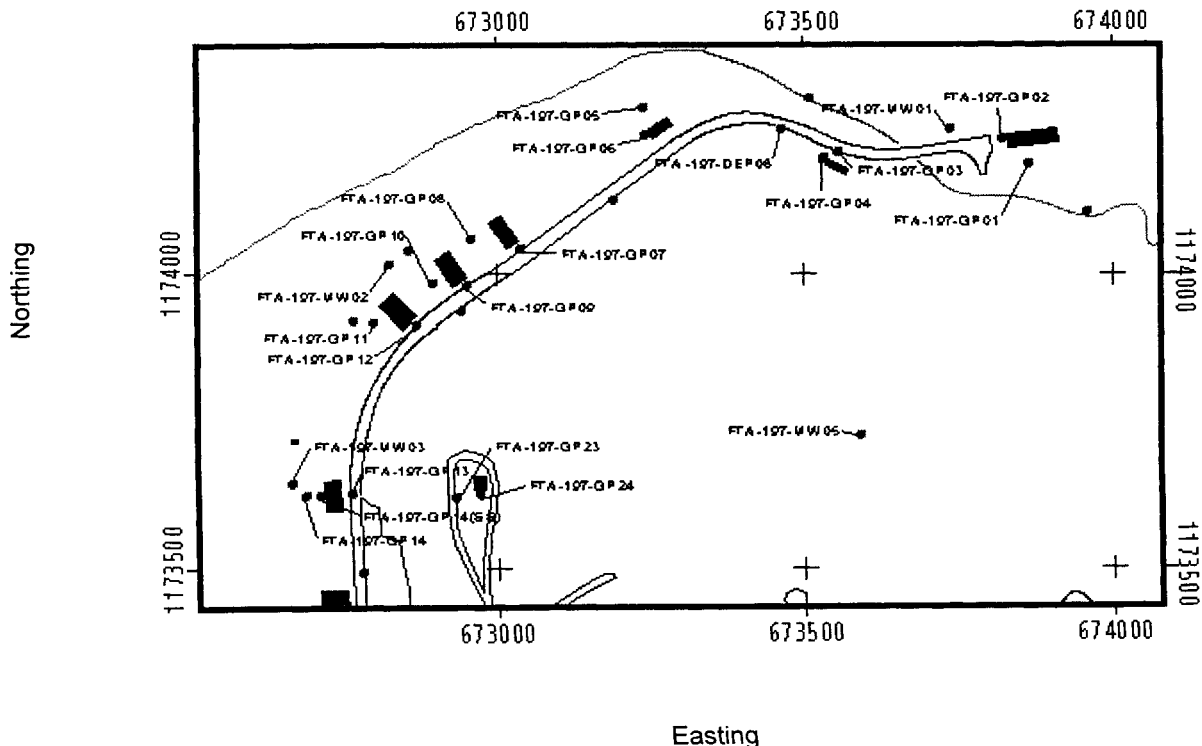
HOLE NUMBER

FTA-197-GP06

| | | |
|--|--|-------------------------------------|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg Drilling | Sheet 1 of 2 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: Sammy McDaniels | 6. Mfr designation of drill: Geoprobe | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | 8. Hole location Asphalt | |
| | 9. Surface elevation (feet above mean sea level): 805.952 | |
| | 10. Date started: 12/01/99 | 11. Date completed: 12/01/99 |
| 12. Overburden thickness (feet bgs): >8 | 15. Depth groundwater encountered (feet bgs): | |
| 13. Depth drilled into rock (feet bgs): | 16. Depth to water and elapsed time after drilling completed (feet bgs): | |
| 14. Total depth of hole (feet bgs): 8 | 17. Other water level measurements (specify): | |

| | | | | | | |
|------------------------------------|------------|-----------------|------------------------------|-----------------|-----------------|--------------------------|
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | 19. Total no. of core boxes: | | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | CL/OP Pests | CL/OP Herbs | PCBs | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | |
| | X | | | James Dendy | | |

LOCATION SKETCH/COMMENTS:



HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP06

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 2 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 count (g) | Remarks (h) |
|-----------|-----------|--|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | 0 | cl-m: Brown SILT, some CLAY, some fine Gravel. | | | Organic Vapor = 0.0ppm | | CA0013 | | Rec 48"/48" |
| 805 | 1 | | | | | | | | |
| | 2 | | | | | | | | |
| | 3 | | | | | | | | |
| | 4 | ml: Brown SILT and gray CLAY, some Sand. | | | Organic Vapor = 0.0ppm | | | | Rec 48"/48" |
| | 5 | | | | | | | | |
| 800 | 6 | | | | | | | | |
| | 7 | | | | | | CA0014 | | |
| | 8 | | | | | | | | Refusal at 8'. Bottom of borehole is 8'. |

HTRW DRILLING LOG

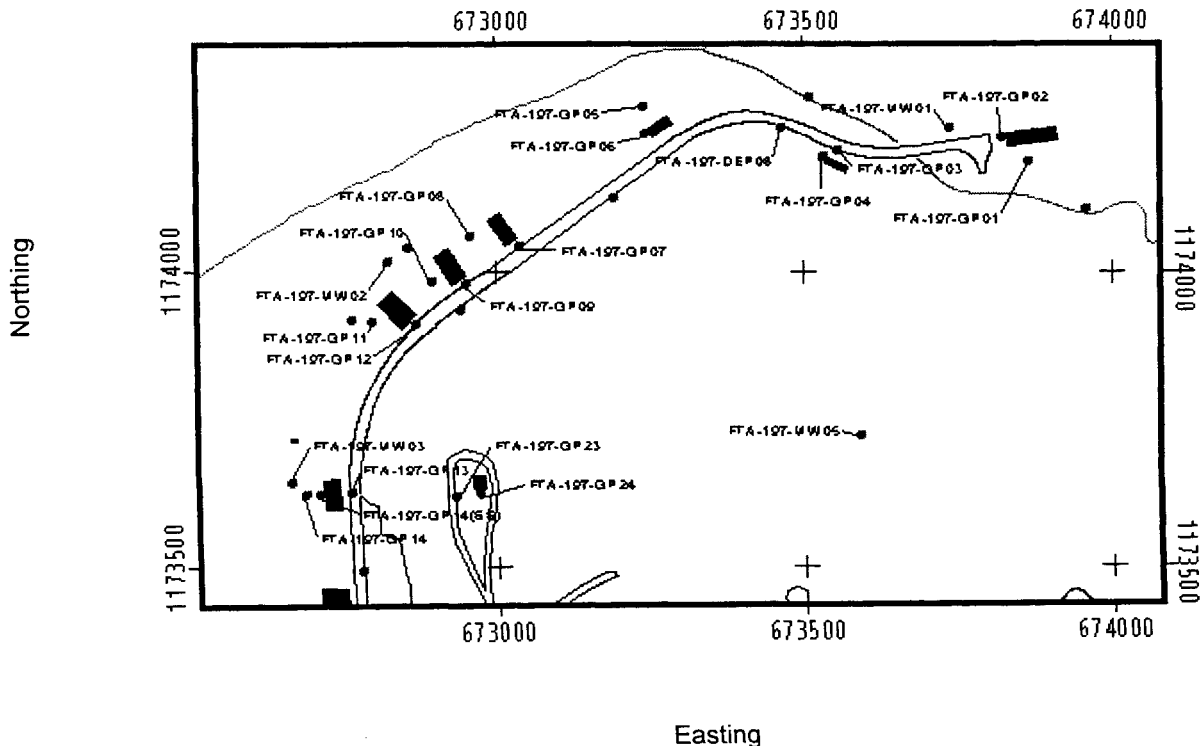
HOLE NUMBER

FTA-197-GP07

| | | | | | |
|--|--|--|-------------------------------------|---------------------|--|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Teg Drilling | | Sheet 1 of 3 sheets | |
| 3. Project: Fort McClellan | | 4. Location: Parcel 197 | | | |
| 5. Name of driller: Sammy McDaniels | | 6. Mfr designation of drill: Geoprobe | | | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | | 8. Hole location: Asphalt | | | |
| | | 9. Surface elevation (feet above mean sea level): 800.332 | | | |
| | | 10. Date started: 12/02/99 | 11. Date completed: 12/02/99 | | |
| 12. Overburden thickness (feet bgs): >11 | | 15. Depth groundwater encountered (feet bgs): | | | |
| 13. Depth drilled into rock (feet bgs): | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | | |
| 14. Total depth of hole (feet bgs): 11 | | 17. Other water level measurements (specify): | | | |

| | | | | | | | | | |
|------------------------------------|------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------------------|--|--|
| 18. Geotechnical samples: | Disturbed: | | | Undisturbed: | | | 19. Total no. of core boxes: | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: | | |
| | X | X | OP/CL Herb | OP/CL Pest | PCBs | | N/A | | |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | | | | |
| | X | | | James Dendy | | | | | |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-GP07

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP07

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 3 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 count (g) | Remarks (h) |
|-----------|-----------|---|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|-------------|
| 0 | 0 | ml: Brown SILT, some Clay, moist. | | | Organic Vapor = 0.0ppm | | CA0015 | | Rec 48"/48" |
| 800 | 1 | | | | | | | | |
| | 2 | | ml | | | | | | |
| | 3 | | | | | | | | |
| | 4 | cl-ml: Moist to wet grayish light brown, SILT and CLAY, little fine Gravel. | | | Organic Vapor = 0.0ppm | | | | Rec 48"/48" |
| | 5 | | | | | | | | |
| 795 | 6 | | cl-ml | | | | | | |
| | 7 | | | | | | | | |
| | 8 | sm-ml: Brown SILT and SAND, little Quartz subangular Gravel. Localized black spots. | | | Organic Vapor = 0.0ppm | | | | Rec 24"/48" |
| | 9 | | | | | | CA0016 | | |

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP07

Project: Fort McClellan

Geologist: James Dendy

Sheet 3 of 3 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 count (g) | Remarks (h) |
|--------------|--------------|------------------------------|---------------------|-------------------------------------|-----------------------------------|---|---------------------------------|-------------------|--|
| 10 | | | sm- ml | [Graphic: vertical lines with dots] | | | | | |
| 790 | | | | | | | | | |
| 11 | | | | | | | | | Refusal at 11'. Bottom of borehole is 11'. |

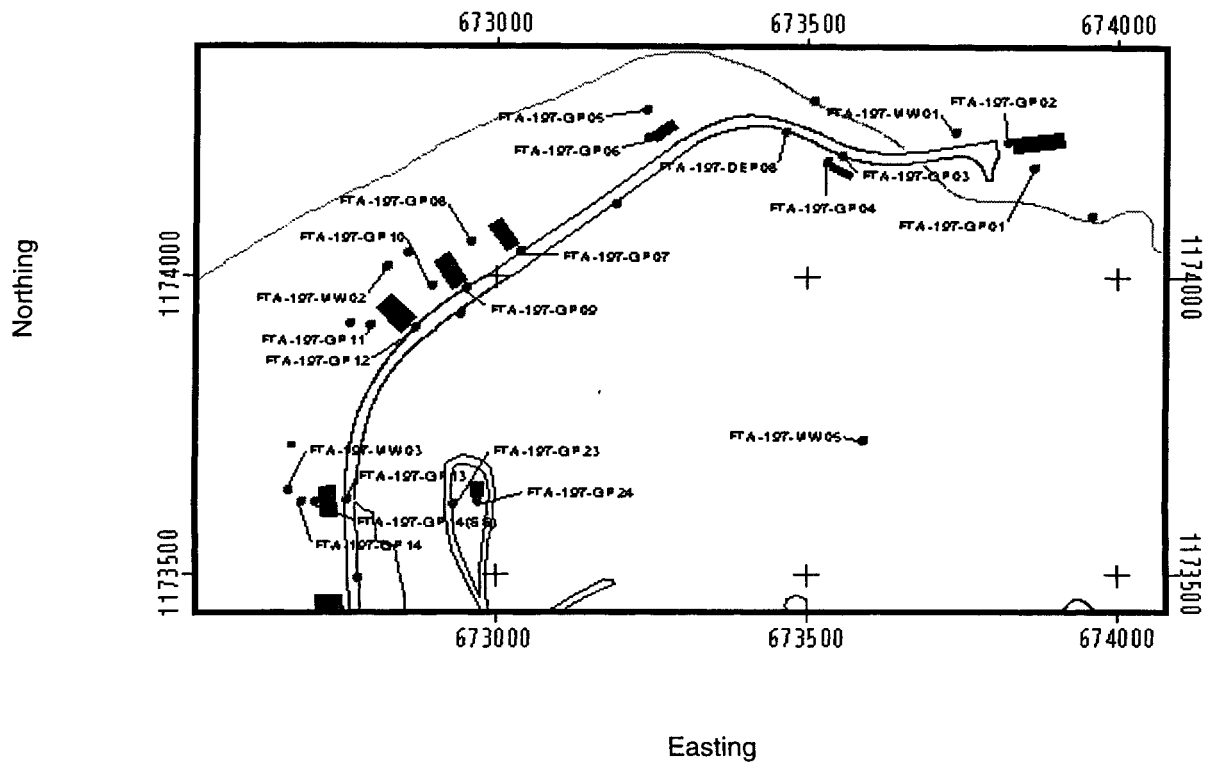
HTRW DRILLING LOG

HOLE NUMBER

FTA-197-GP08

| | | | | | |
|---|--|--------------------------------------|--|---------------------|------------------------------|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Teg Drilling | | Sheet 1 of 2 sheets | |
| 3. Project: Fort McClellan | | | 4. Location: Parcel 197 | | |
| 5. Name of driller: Sammy McDaniels | | | 6. Mfr designation of drill: Geoprobe | | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push | | | 8. Hole location: Grass, refusal at 10' bgs | | |
| | | | 9. Surface elevation (feet above mean sea level): 797.730 | | |
| 2"x4' acetate-lined sampler | | | 10. Date started: 12/01/99 | | 11. Date completed: 12/01/99 |
| | | | 12. Overburden thickness (feet bgs): >10 | | |
| 13. Depth drilled into rock (feet bgs): | | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | |
| 14. Total depth of hole (feet bgs): 10 | | | 17. Other water level measurements (specify): | | |
| 18. Geotechnical samples: | | Disturbed: | | Undisturbed: | |
| 19. Total no. of core boxes: | | | | | |
| 20. Samples for chemical analysis: | | VOC | Metals | Other (specify) | 21. Total core recovery: |
| | | X | X | CL/OP Pest | N/A |
| | | | | CL/OP Herb | PCBs |
| 22. Disposition of hole: | | Backfilled | Monitoring well | Other (specify) | Geologist: |
| | | X | | | James Dendy |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-GP08

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP08

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 2 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 count (g) | Remarks (h) |
|-----------|-----------|---|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | 0 | ml: Brown SILT, little Sand, little Gravel. | ml | | Organic Vapor = 0.0ppm | | CA0017 | | Rec 48"/48" |
| | 3 | sp: Gray wet SAND. | sp | | | | | | |
| | 4 | sp: Gray to brown SAND, little fine Gravel. | sp | | Organic Vapor = 0.0ppm | | | | Rec 36"/48" |
| | 8 | sp: Wet gray SAND. | sp | | Organic Vapor = 0.0ppm | | CA0018 | | Rec 24"/48" |
| | 10 | | | | | | | | Refusal at 10'. Bottom of borehole is 10'. |

795

790

0
1
2
3
4
5
6
7
8
9
10

0
1
2
3
4
5
6
7
8
9
10

HTRW DRILLING LOG

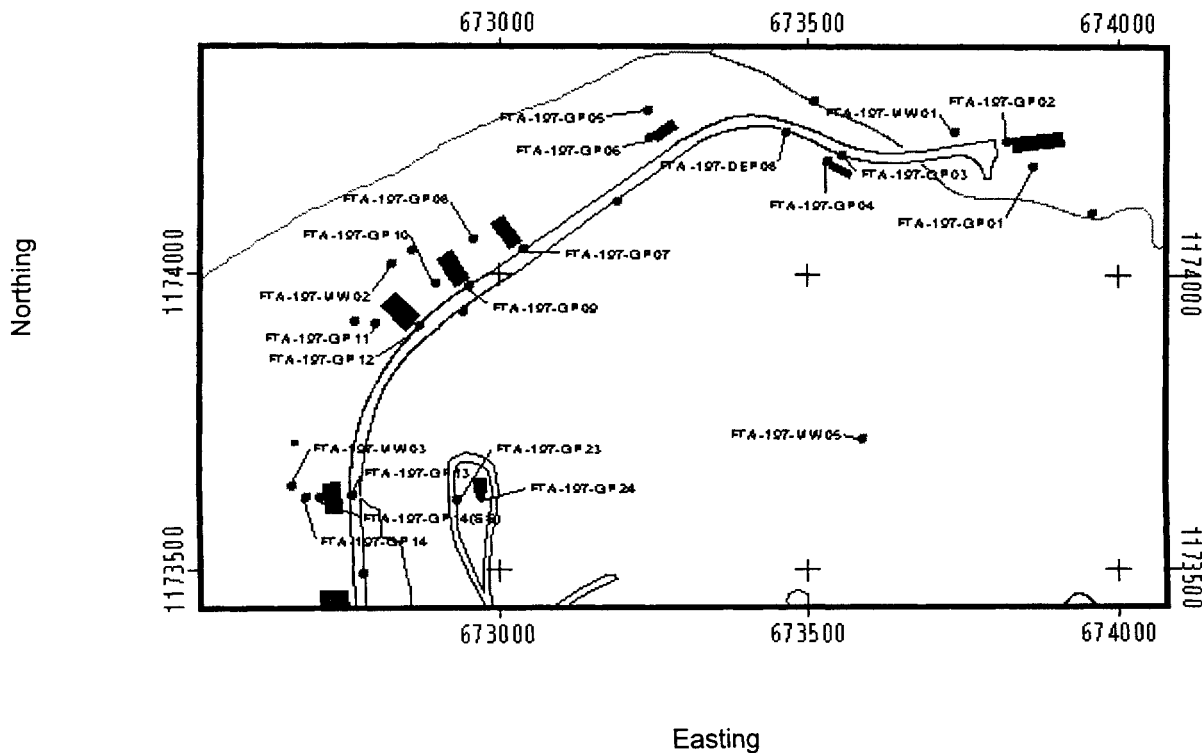
HOLE NUMBER

FTA-197-GP09

| | | |
|--|--|-------------------------------------|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg Drilling | Sheet 1 of 3 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: Sammy McDaniels | 6. Mfr designation of drill: Geoprobe | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | 8. Hole location Asphalt | |
| | 9. Surface elevation (feet above mean sea level): 799.695 | |
| | 10. Date started: 12/02/99 | 11. Date completed: 12/02/99 |
| 12. Overburden thickness (feet bgs): >11 | 15. Depth groundwater encountered (feet bgs): | |
| 13. Depth drilled into rock (feet bgs): | 16. Depth to water and elapsed time after drilling completed (feet bgs): | |
| 14. Total depth of hole (feet bgs): 11 | 17. Other water level measurements (specify): | |

| | | | | | | |
|------------------------------------|------------|-----------------|------------------------------|-----------------|-----------------|--------------------------|
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | 19. Total no. of core boxes: | | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | CL/OP Pests | CL/OP Herbs | PCBs | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | |
| | X | | | James Dendy | | |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-GP09

HTRW DRILLING LOG (Continuation Sheet)

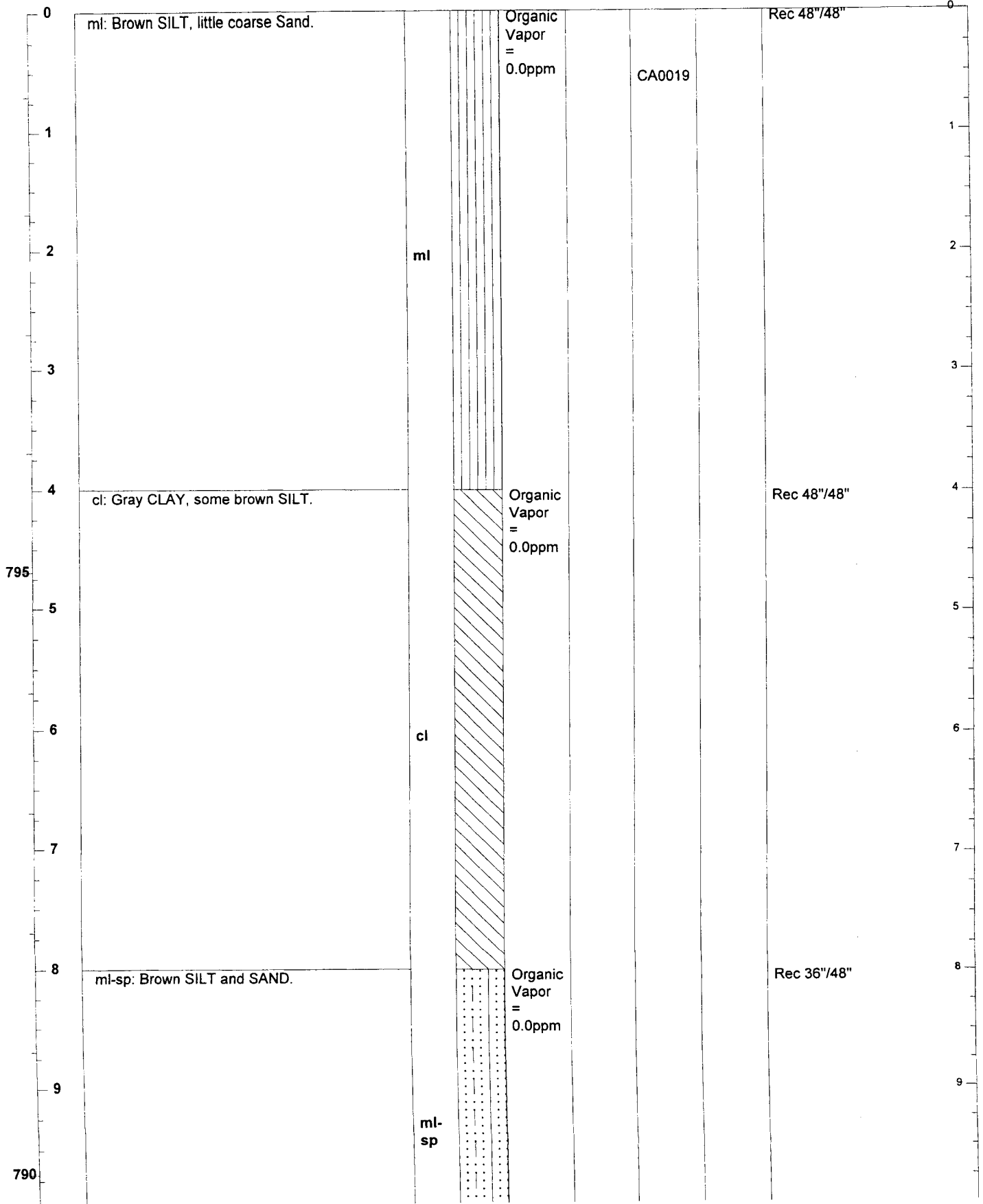
HOLE NUMBER: FTA-197-GP09

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 3 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 count (g) | Remarks (h) |
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|-------------|
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|-------------|



HTRW DRILLING LOG

HOLE NUMBER

FTA-197-GP10

1. Company name: **IT Corporation**

2. Drill Subcontractor: **Teg Drilling**

Sheet 1 of 2 sheets

3. Project: **Fort McClellan**

4. Location: **Parcel 197**

5. Name of driller: **Sammy McDaniels**

6. Mfr designation of drill: **Geoprobe**

7. Sizes and types of drilling and sampling equipment:

Direct Push

2"x4' acetate-lined sampler

8. Hole location **Grass**

9. Surface elevation (feet above mean sea level): **798.7613**

10. Date started: **12/02/99**

11. Date completed: **12/02/99**

12. Overburden thickness (feet bgs): **>8**

15. Depth groundwater encountered (feet bgs):

13. Depth drilled into rock (feet bgs):

16. Depth to water and elapsed time after drilling completed (feet bgs):

14. Total depth of hole (feet bgs): **8**

17. Other water level measurements (specify):

18. Geotechnical samples:

Disturbed:

Undisturbed:

19. Total no. of core boxes:

20. Samples for chemical analysis:

VOC

Metals

Other (specify)

Other (specify)

Other (specify)

21. Total core recovery:

X

X

CL/OP Pest

CL/OP Herb

PCBs

N/A

22. Disposition of hole:

Backfilled

Monitoring well

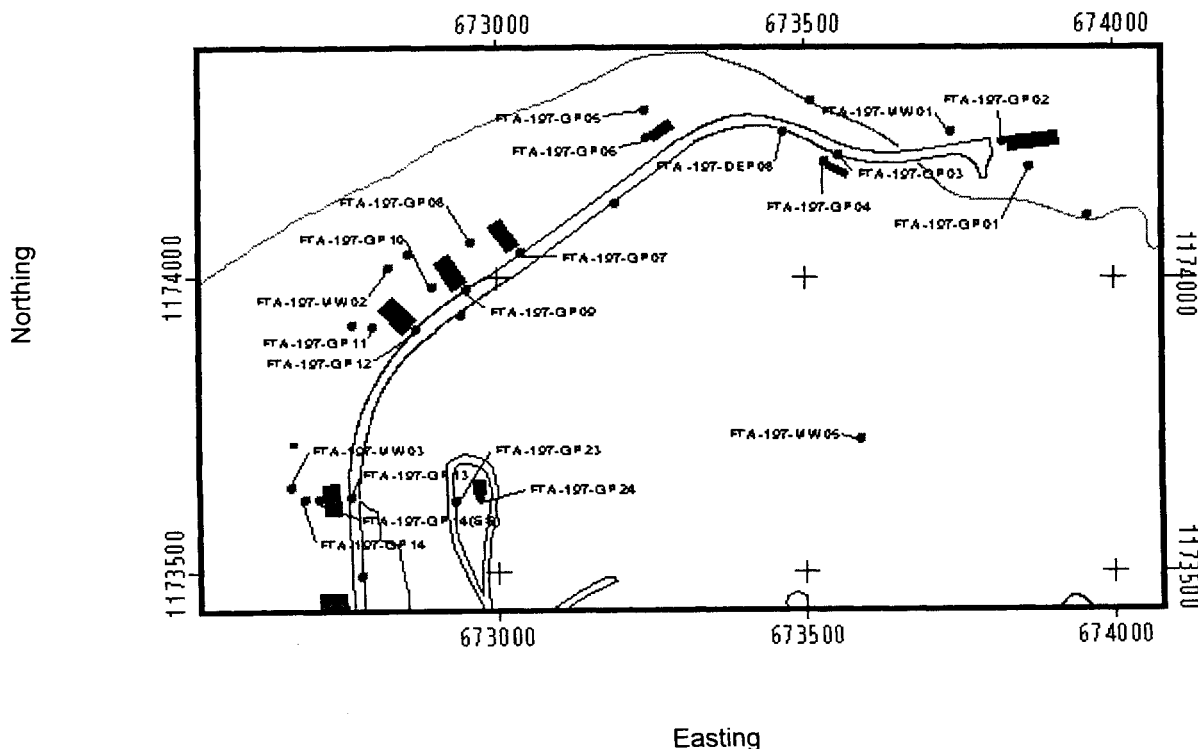
Other (specify)

Geologist:

X

James Dendy

LOCATION SKETCH/COMMENTS:



Project: **Fort McClellan**

bgs= below ground surface
NA = Not applicable

Hole no.: **FTA-197-GP10**

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP10

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 2 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 count (g) | Remarks (h) |
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | 0 | ml: Brown SILT. | | | Organic Vapor = 0.0ppm | | CA0023 | | Rec 48"/48" |
| | 1 | | | | | | | | |
| | 2 | | ml | | | | | | |
| | 3 | | | | | | | | |
| 795 | 4 | cl: Gray CLAY, some Sand. | | | Organic Vapor = 0.0ppm | | | | Rec 36"/48" |
| | 5 | | | | | | | | |
| | 6 | | cl | | | | | | |
| | 7 | | | | | | CA0024 | | |
| | 8 | | | | | | | | Refusal at 8'. Bottom of borehole is 8'. |

HTRW DRILLING LOG

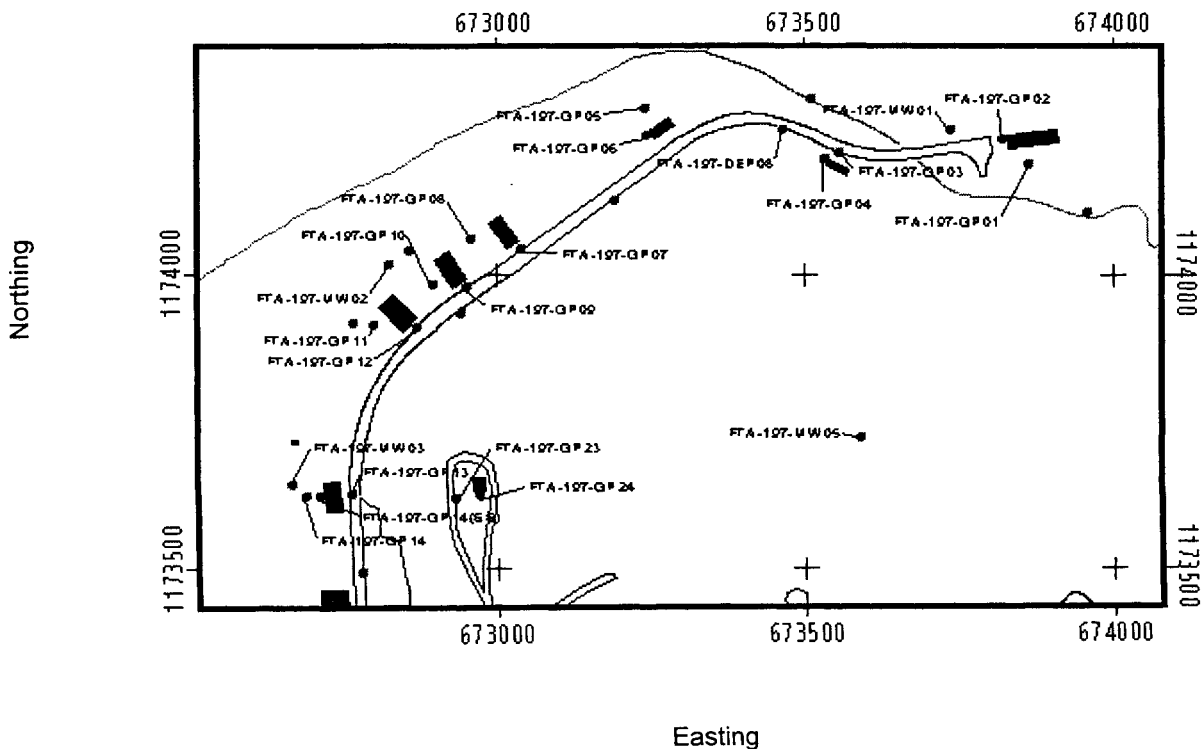
HOLE NUMBER

FTA-197-GP11

| | | |
|--|--|-------------------------------------|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg Drilling | Sheet 1 of 2 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: Sammy McDaniels | 6. Mfr designation of drill: Geoprobe | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | 8. Hole location Grass | |
| | 9. Surface elevation (feet above mean sea level): 797.546 | |
| | 10. Date started: 12/02/99 | 11. Date completed: 12/02/99 |
| 12. Overburden thickness (feet bgs): >9 | 15. Depth groundwater encountered (feet bgs): | |
| 13. Depth drilled into rock (feet bgs): | 16. Depth to water and elapsed time after drilling completed (feet bgs): | |
| 14. Total depth of hole (feet bgs): 9 | 17. Other water level measurements (specify): | |

| | | | | | | |
|------------------------------------|------------|-----------------|------------------------------|-----------------|-----------------|--------------------------|
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | 19. Total no. of core boxes: | | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | CL/OP Pest | CL/OP Herb | PCBs | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | |
| | X | | | James Dendy | | |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-GP11

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP11

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 2 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 count (g) | Remarks (h) |
|-----------|-----------|---|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | 0 | ml: Brown SILT, some gray Clay, some fine Gravel. | | | Organic Vapor = 0.0ppm | | CA0025 | | Rec 48"/48" |
| | 1 | | | | | | | | |
| | 2 | | ml | | | | | | |
| 795 | 3 | | | | | | | | |
| | 4 | cl: Moist gray CLAY. | | | Organic Vapor = 0.0ppm | | | | Rec 48"/48" |
| | 5 | | | | | | | | |
| | 6 | | | | | | | | |
| | 7 | | cl | | | | | | |
| 790 | 8 | | | | | | | | Rec 12"/12" |
| | 9 | | | | | | CA0026 | | Refusal at 9'. Bottom of borehole is 9'. |

HTRW DRILLING LOG

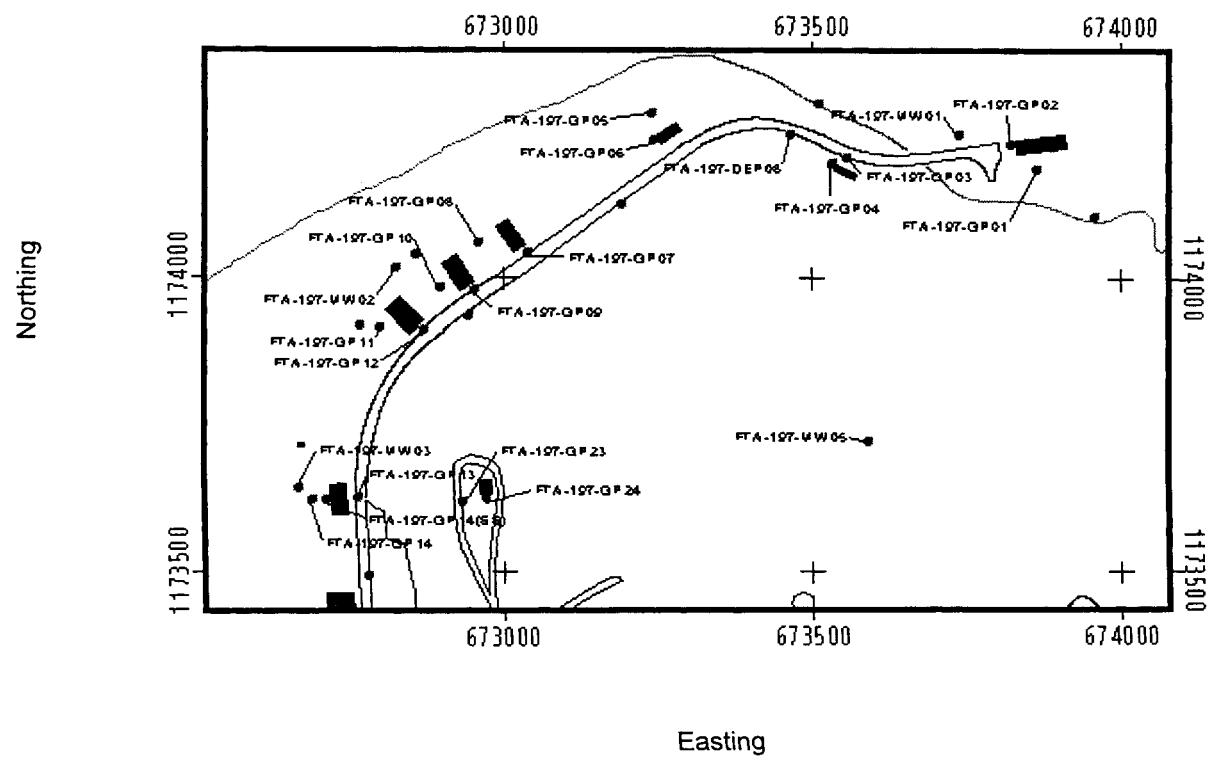
HOLE NUMBER

FTA-197-GP12

| | | |
|--|--|-------------------------------------|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg Drilling | Sheet 1 of 3 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: Sammy McDaniels | 6. Mfr designation of drill: Geoprobe | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | 8. Hole location Asphalt | |
| | 9. Surface elevation (feet above mean sea level): 800.033 | |
| | 10. Date started: 12/02/99 | 11. Date completed: 12/02/99 |
| 12. Overburden thickness (feet bgs): >12 | 15. Depth groundwater encountered (feet bgs): | |
| 13. Depth drilled into rock (feet bgs): | 16. Depth to water and elapsed time after drilling completed (feet bgs): | |
| 14. Total depth of hole (feet bgs): 12 | 17. Other water level measurements (specify): | |

| | | | | | | |
|------------------------------------|------------|-----------------|------------------------------|-----------------|-----------------|--------------------------|
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | 19. Total no. of core boxes: | | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | CL/OP Pest | CL/OP Herb | PCBs | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | |
| | X | | | James Dendy | | |

LOCATION SKETCH/COMMENTS:




HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP12

Project: Fort McClellan

Geologist: James Dendy

Sheet 3 of 3 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 count (g) | Remarks (h) |
|-----------|-----------|------------------------------|------------------|---|-----------------------------|------------------------------------|---------------------------|----------------|----------------------------|
| 790 | 10 | | sw |  | | | CA0028 | | |
| | 11 | | | | | | | | |
| | 12 | | | | | | | | Bottom of borehole is 12'. |

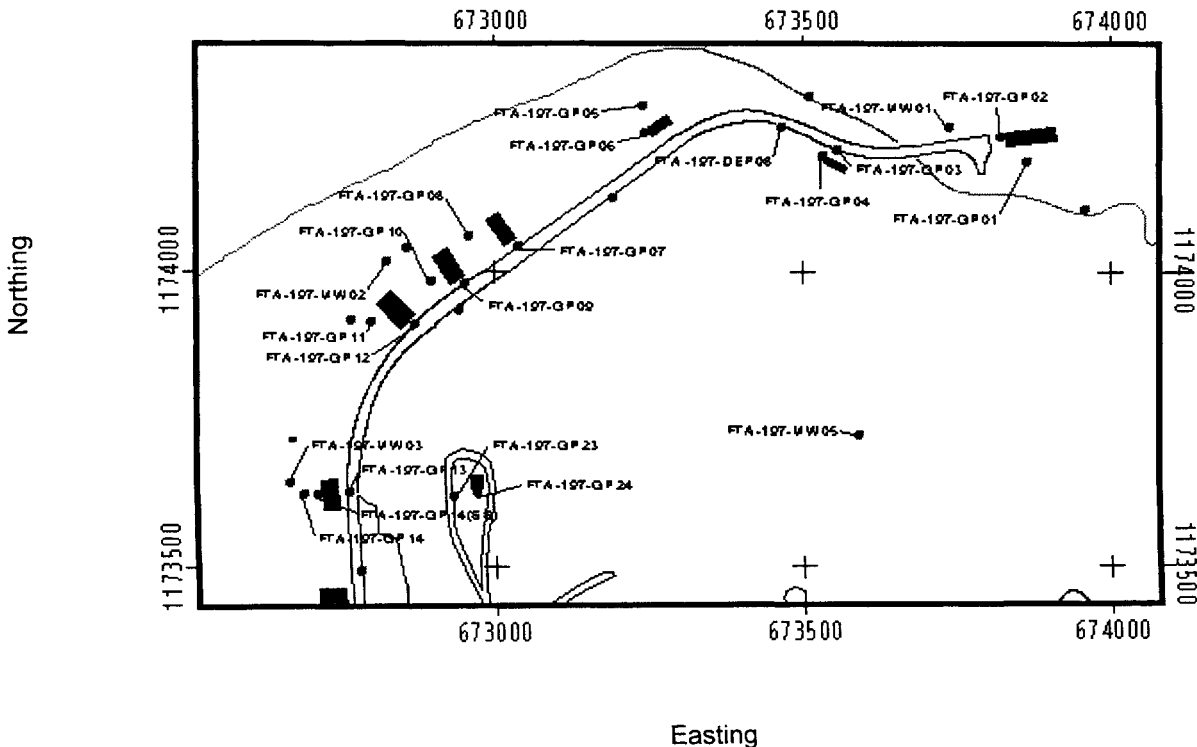
HTRW DRILLING LOG

HOLE NUMBER
FTA-197-GP13

| | | | | | |
|--|--|---|--|---------------------|--|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Teg Drilling | | Sheet 1 of 2 sheets | |
| 3. Project: Fort McClellan | | | 4. Location: Parcel 197 | | |
| 5. Name of driller: Sammy McDaniels | | | 6. Mfr designation of drill: Geoprobe | | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | | | 8. Hole location: Asphalt | | |
| | | | 9. Surface elevation (feet above mean sea level): 805.605 | | |
| 12. Overburden thickness (feet bgs): >5 | | | 15. Depth groundwater encountered (feet bgs): | | |
| 13. Depth drilled into rock (feet bgs): | | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | |
| 14. Total depth of hole (feet bgs): 5 | | | 17. Other water level measurements (specify): | | |

| | | | | | | | | | | |
|------------------------------------|--|------------|-----------------|-----------------|--------------|-----------------|-----------------|------------------------------|--|--|
| 18. Geotechnical samples: | | Disturbed: | | | Undisturbed: | | | 19. Total no. of core boxes: | | |
| 20. Samples for chemical analysis: | | VOC | Metals | Other (specify) | | Other (specify) | Other (specify) | 21. Total core recovery: | | |
| | | X | X | CL/OP pests | | CL/OP Herbs | PCBs | N/A | | |
| 22. Disposition of hole: | | Backfilled | Monitoring well | Other (specify) | | Geologist: | | | | |
| | | X | | | | James Dendy | | | | |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-GP13

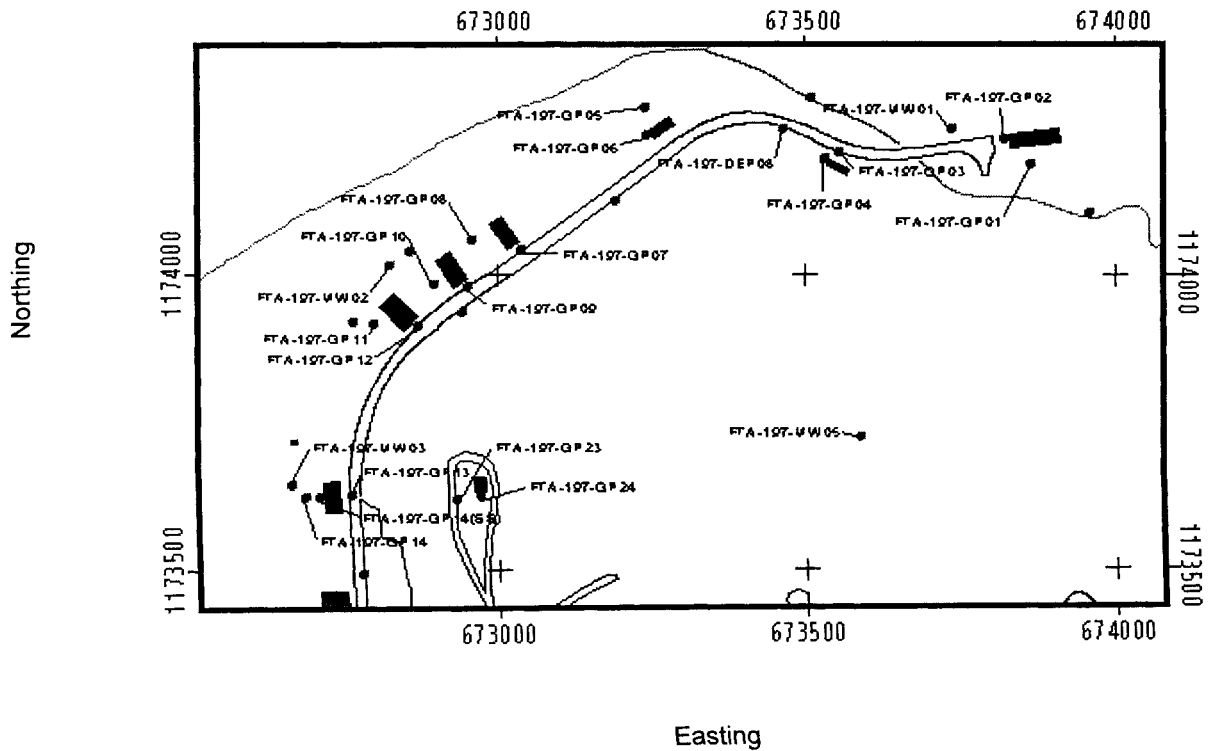
HTRW DRILLING LOG

HOLE NUMBER
FTA-197-GP14

| | | |
|--|--|-------------------------------------|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg Drilling | Sheet 1 of 2 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: Sammy McDaniels | 6. Mfr designation of drill: Geoprobe | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | 8. Hole location Gravel/sand adjacent to former loading d | |
| | 9. Surface elevation (feet above mean sea level): 800.673 | |
| | 10. Date started: 12/06/99 | 11. Date completed: 12/06/99 |
| 12. Overburden thickness (feet bgs): >8 | 15. Depth groundwater encountered (feet bgs): | |
| 13. Depth drilled into rock (feet bgs): | 16. Depth to water and elapsed time after drilling completed (feet bgs): | |
| 14. Total depth of hole (feet bgs): 8 | 17. Other water level measurements (specify): | |

| | | | | | | |
|------------------------------------|------------|-----------------|------------------------------|-------------------------------|-----------------|--------------------------|
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | 19. Total no. of core boxes: | | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | OP/CL Herb | OP/CL Pest | PCBs | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: James Dendy | | |
| | X | | | | | |

LOCATION SKETCH/COMMENTS:



HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP14

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 2 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 count (g) | Remarks (h) |
|-----------|-----------|---------------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| 0 | | cl-mi: Brown SILT and dry gray CLAY. | | | Organic Vapor = 0.0ppm | | CA0033 | | Rec 48"/48" |
| 800 | 1 | | | | | | | | |
| | 2 | | cl-mi | | | | | | |
| | 3 | | | | | | | | |
| | 4 | sh: Dry gray Fissile weathered SHALE. | | | Organic Vapor = 0.0ppm | | | | Rec 48"/48" |
| | 5 | | | | | | | | |
| 795 | 6 | | sh | | | | | | |
| | 7 | | | | | | CA0034 | | |
| | 8 | | | | | | | | Refusal at 8'. Bottom of borehole is 8'. |

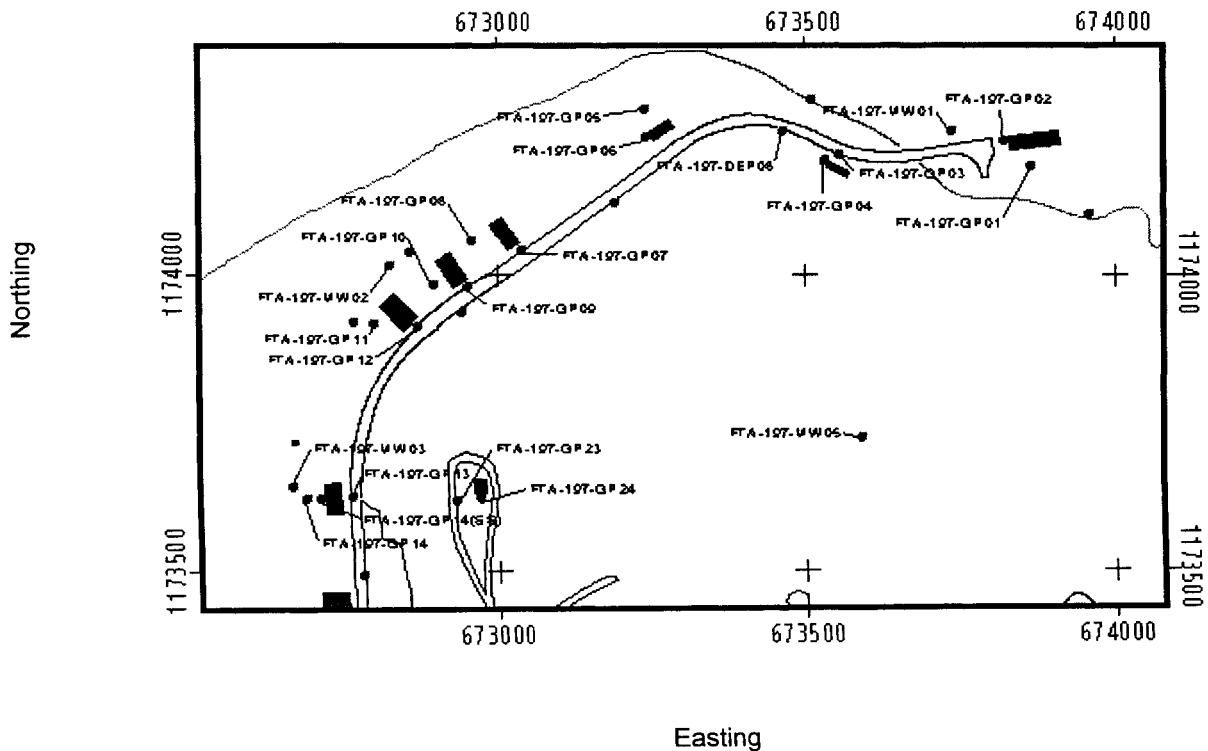
HTRW DRILLING LOG

HOLE NUMBER
FTA-197-GP15

| | | |
|--|--|-------------------------------------|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg Drilling | Sheet 1 of 2 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: Sammy McDaniels | 6. Mfr designation of drill: Geoprobe | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | 8. Hole location: Asphalt | |
| | 9. Surface elevation (feet above mean sea level): 807.821 | |
| | 10. Date started: 12/03/99 | 11. Date completed: 12/03/99 |
| 12. Overburden thickness (feet bgs): >4 | 15. Depth groundwater encountered (feet bgs): | |
| 13. Depth drilled into rock (feet bgs): | 16. Depth to water and elapsed time after drilling completed (feet bgs): | |
| 14. Total depth of hole (feet bgs): 4 | 17. Other water level measurements (specify): | |

| | | | | | | |
|------------------------------------|------------|-----------------|------------------------------|-----------------|-----------------|--------------------------|
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | 19. Total no. of core boxes: | | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | OP/CL Herb | OP/CL Pest | PCBs | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | |
| | X | | | James Dendy | | |

LOCATION SKETCH/COMMENTS:



Project: **Fort McClellan**

bgs= below ground surface
NA = Not applicable

Hole no.: **FTA-197-GP15**

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP15

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 2 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 count (g) | Remarks (h) |
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|-------------|
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|-------------|

| | | | | | | | | | |
|-----|---|--|----|--|------------------------|--|--------|--|--|
| | 0 | ml: Brown SILT, some Clay, little fine angular Gravel. | | | Organic Vapor = 0.0ppm | | CA0035 | | Rec 48"/48" |
| | 1 | | | | | | | | |
| | 2 | | ml | | | | | | |
| 805 | 3 | | | | | | CA0037 | | |
| | 4 | | | | | | | | Refusal at 4'. Bottom of borehole is 4'. |

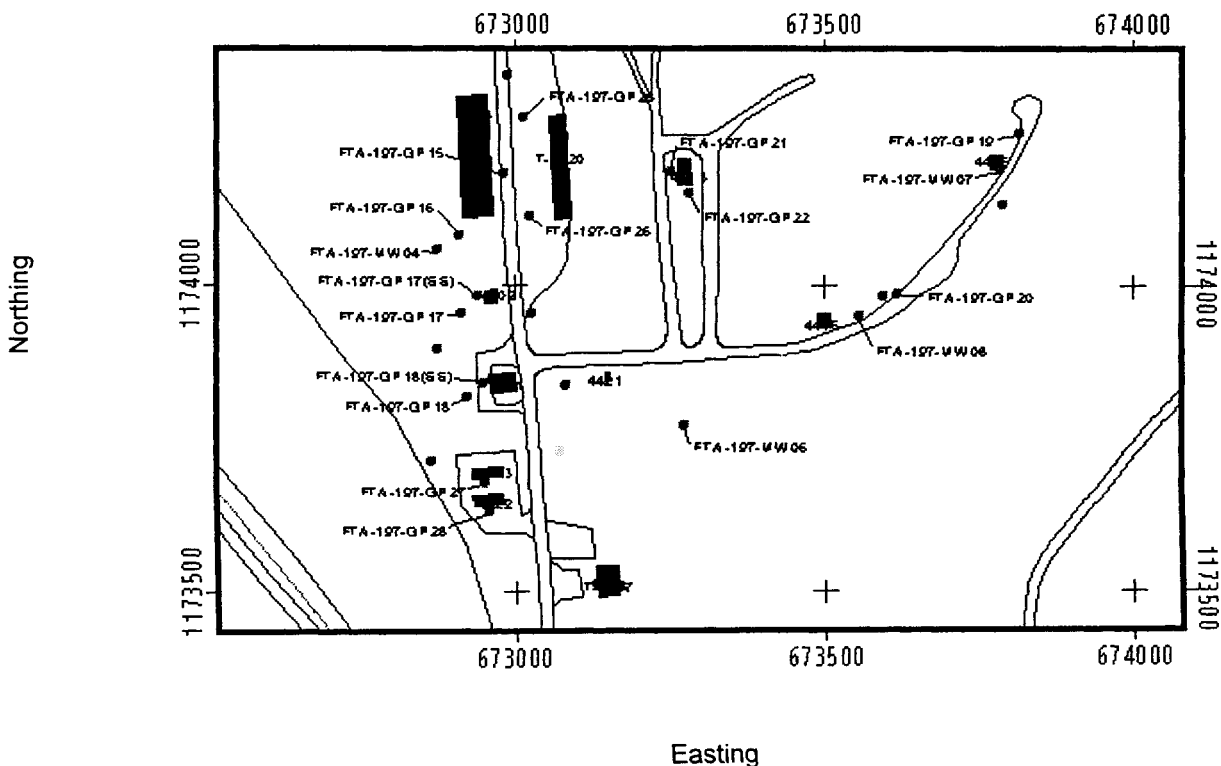
HTRW DRILLING LOG

HOLE NUMBER
FTA-197-GP16

| | | |
|--|--|-------------------------------------|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg Drilling | Sheet 1 of 2 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: Sammy McDaniels | 6. Mfr designation of drill: Geoprobe | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | 8. Hole location Gravel/sand adjacent to former loading d | |
| | 9. Surface elevation (feet above mean sea level): 802.776 | |
| | 10. Date started: 12/06/99 | 11. Date completed: 12/06/99 |
| 12. Overburden thickness (feet bgs): >10 | 15. Depth groundwater encountered (feet bgs): | |
| 13. Depth drilled into rock (feet bgs): | 16. Depth to water and elapsed time after drilling completed (feet bgs): | |
| 14. Total depth of hole (feet bgs): 10 | 17. Other water level measurements (specify): | |

| | | | | | | |
|------------------------------------|------------|-----------------|------------------------------|-----------------|-----------------|--------------------------|
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | 19. Total no. of core boxes: | | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | OP/CL Herb | OP/CL Pest | PCBs | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | |
| | X | | | James Dendy | | |

LOCATION SKETCH/COMMENTS:



HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP16

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 2 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 count (g) | Remarks (h) |
|-----------|-----------|--------------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | 0 | cl-ml: Brown SILT and dry gray CLAY. | | | Organic Vapor = 0.0ppm | | CA0038 | | Rec 48"/48" |
| | 1 | | | | | | | | |
| | 2 | | | | | | | | |
| 800 | 3 | | | | | | | | |
| | 4 | | cl-ml | | Organic Vapor = 0.0ppm | | | | Rec 48"/48" |
| | 5 | | | | | | | | |
| | 6 | | | | | | | | |
| | 7 | | | | | | | | |
| 795 | 8 | sh: Weathered SHALE. | | | Organic Vapor = 0.0ppm | | | | Rec 24"/24" |
| | 9 | | sh | | | | CA0039 | | |
| | 10 | | | | | | | | Refusal at 10'. Bottom of borehole is 10'. |

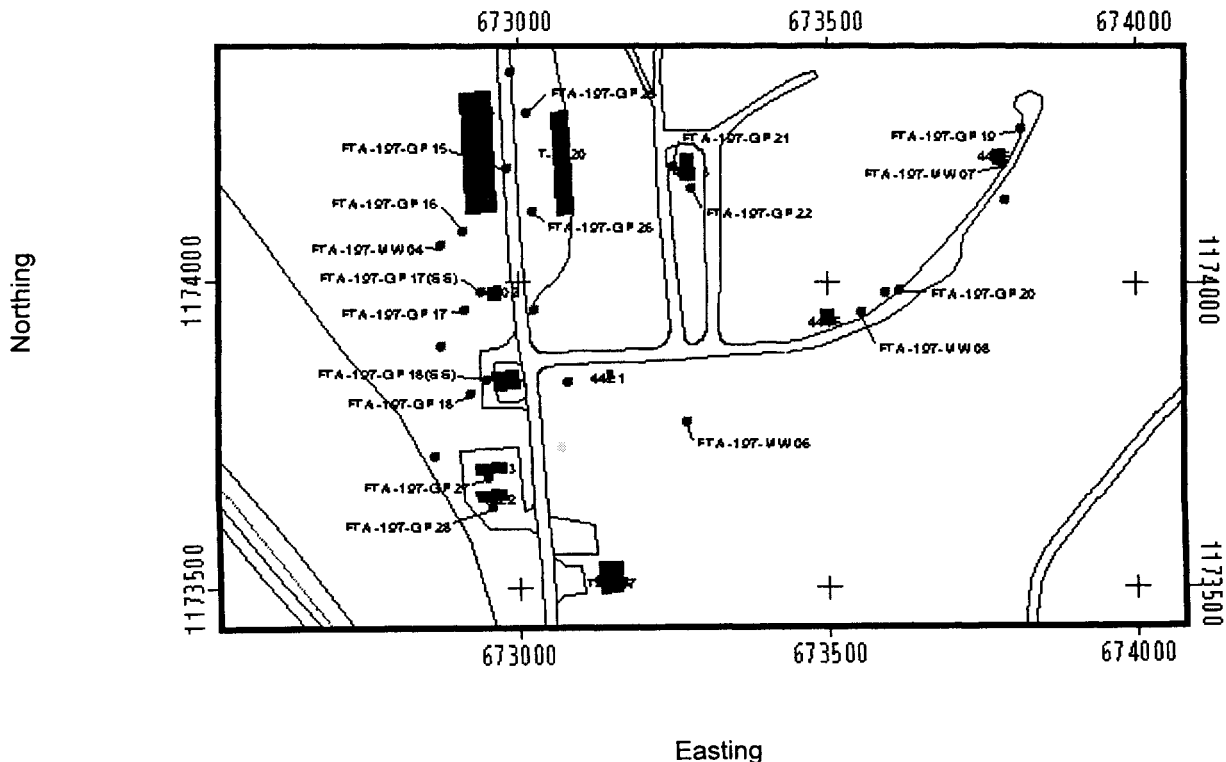
HTRW DRILLING LOG

HOLE NUMBER
FTA-197-GP17

| | | |
|--|--|-------------------------------------|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg Drilling | Sheet 1 of 2 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: Sammy McDaniels | 6. Mfr designation of drill: Geoprobe | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | 8. Hole location Gravel/sand adjacent to former loading d | |
| | 9. Surface elevation (feet above mean sea level): 800.244 | |
| | 10. Date started: 12/06/99 | 11. Date completed: 12/06/99 |
| 12. Overburden thickness (feet bgs): >10 | 15. Depth groundwater encountered (feet bgs): | |
| 13. Depth drilled into rock (feet bgs): | 16. Depth to water and elapsed time after drilling completed (feet bgs): | |
| 14. Total depth of hole (feet bgs): 10 | 17. Other water level measurements (specify): | |

| | | | | | | |
|------------------------------------|------------|-----------------|------------------------------|-----------------|-----------------|--------------------------|
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | 19. Total no. of core boxes: | | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | CL/OP Pest | CL/OP Herb | PCBs | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | |
| | X | | | James Dendy | | |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-GP17

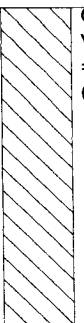
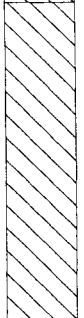
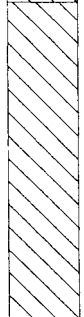
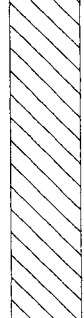
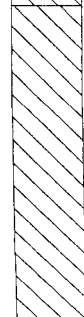
HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP17

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 2 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 count (g) | Remarks (h) |
|-----------|-----------|--|------------------|---|-----------------------------|------------------------------------|---------------------------|----------------|--|
| 800 | 0 | cl: CLAY and brown SILT. | cl |  | Organic Vapor = 0.0ppm | | CA0040 | | Rec 48"/48" |
| | 1 | | | | | | | | |
| | 2 | cl: Gray CLAY, some brown SILT. | cl |  | Organic Vapor = 0.0ppm | | | | Rec 48"/48" |
| | 3 | | | | | | | | |
| | 4 | cl: Gray CLAY, little Silt. | cl |  | Organic Vapor = 0.0ppm | | | | Rec 48"/48" |
| | 5 | | | | | | | | |
| 795 | 6 | | cl |  | | | | | |
| | 7 | | | | | | | | |
| | 8 | cl: Gray CLAY, little subangular Sandstone Gravel. | cl |  | Organic Vapor = 0.0ppm | | CA0041 | | Rec 24"/24" |
| | 9 | | | | | | | | |
| | 10 | | | | | | | | Refusal at 10'. Bottom of borehole is 10'. |

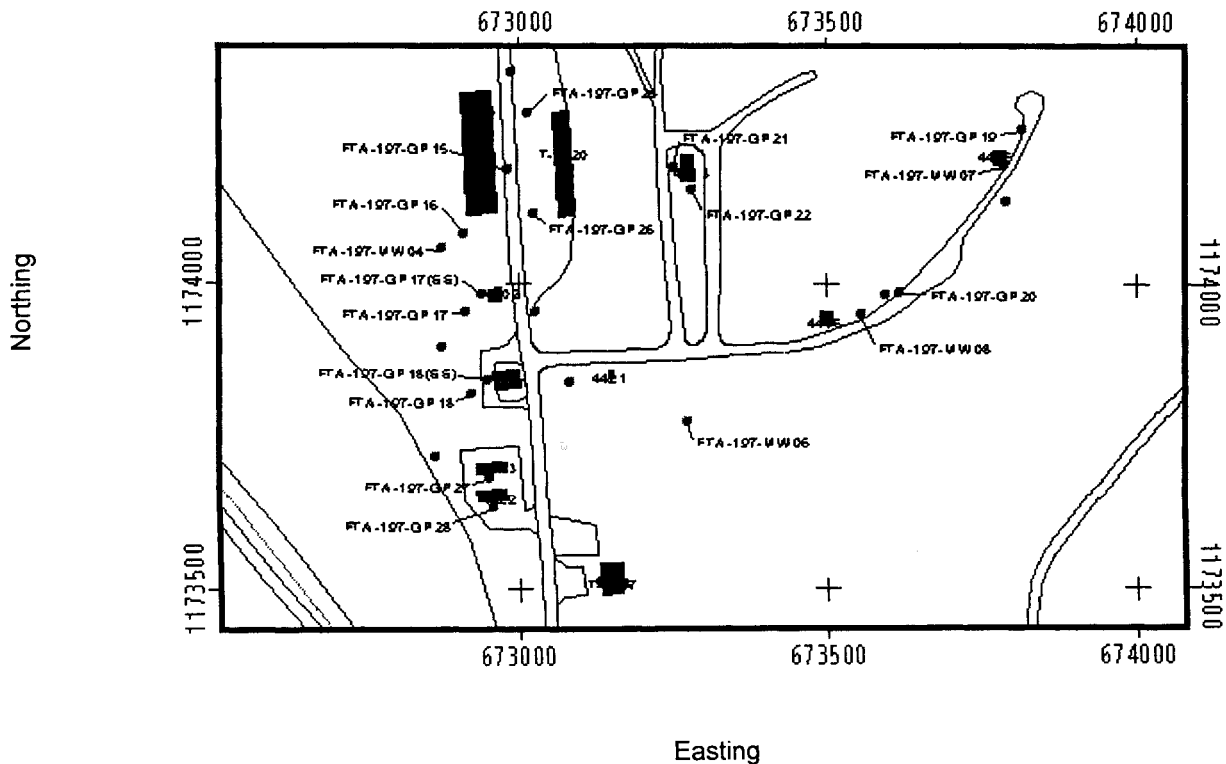
HTRW DRILLING LOG

HOLE NUMBER
FTA-197-GP18

| | | | | | |
|--|--|---|--|-------------------------------------|--|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Teg Drilling | | Sheet 1 of 3 sheets | |
| 3. Project: Fort McClellan | | | 4. Location: Parcel 197 | | |
| 5. Name of driller: Sammy McDaniels | | | 6. Mfr designation of drill: Geoprobe | | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | | | 8. Hole location Sand/grass | | |
| | | | 9. Surface elevation (feet above mean sea level): 800.629 | | |
| | | | 10. Date started: 12/06/99 | 11. Date completed: 12/06/99 | |
| 12. Overburden thickness (feet bgs): >11 | | | 15. Depth groundwater encountered (feet bgs): | | |
| 13. Depth drilled into rock (feet bgs): | | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | |
| 14. Total depth of hole (feet bgs): 11 | | | 17. Other water level measurements (specify): | | |

| | | | | | | | |
|------------------------------------|--|------------|-----------------|-----------------|--|------------------------------|--------------------------|
| 18. Geotechnical samples: | | Disturbed: | | Undisturbed: | | 19. Total no. of core boxes: | |
| 20. Samples for chemical analysis: | | VOC | Metals | Other (specify) | | Other (specify) | 21. Total core recovery: |
| | | X | X | CL/OP Pest | | CL/OP Herb | PCBs |
| | | | | | | | N/A |
| 22. Disposition of hole: | | Backfilled | Monitoring well | Other (specify) | | Geologist: | |
| | | X | | | | James Dendy | |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-GP18

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP18

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 3 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 count (g) | Remarks (h) |
|-----------|-----------|---|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| 0 | 0 | cl: Gray CLAY, some brown Silt, little fine Gravel. | | | Organic Vapor = 0.0ppm | | CA0042 | | Rec 36"/48" |
| 800 | 1 | | | | | | | | |
| | 2 | | cl | | Organic Vapor = 0.0ppm | | | | |
| | 3 | | | | | | | | |
| | 4 | cl: Gray CLAY, little brown Silt. | | | Organic Vapor = 0.0ppm | | | | Rec 48"/48" |
| | 5 | | cl | | | | | | |
| 795 | 6 | sh: Weathered SHALE. | | | | | | | |
| | 7 | | sh | | | | | | |
| | 8 | sh: Gray weathered SHALE, wet. | | | Organic Vapor = 0.0ppm | | | | Rec 36"/36" |
| | 9 | | sh | | | | CA0043 | | Refusal at 11'. Bottom of borehole is 11'. |

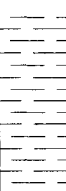
HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP18

Project: Fort McClellan

Geologist: James Dendy

Sheet 3 of 3 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 count (g) | Remarks (h) |
|--------------|--------------|------------------------------|---------------------|---|-----------------------------------|---|---------------------------------|-------------------|-------------|
| 10 | | | |  | | | | | |
| 790 | | | | | | | | | |
| 11 | | | | | | | | | |

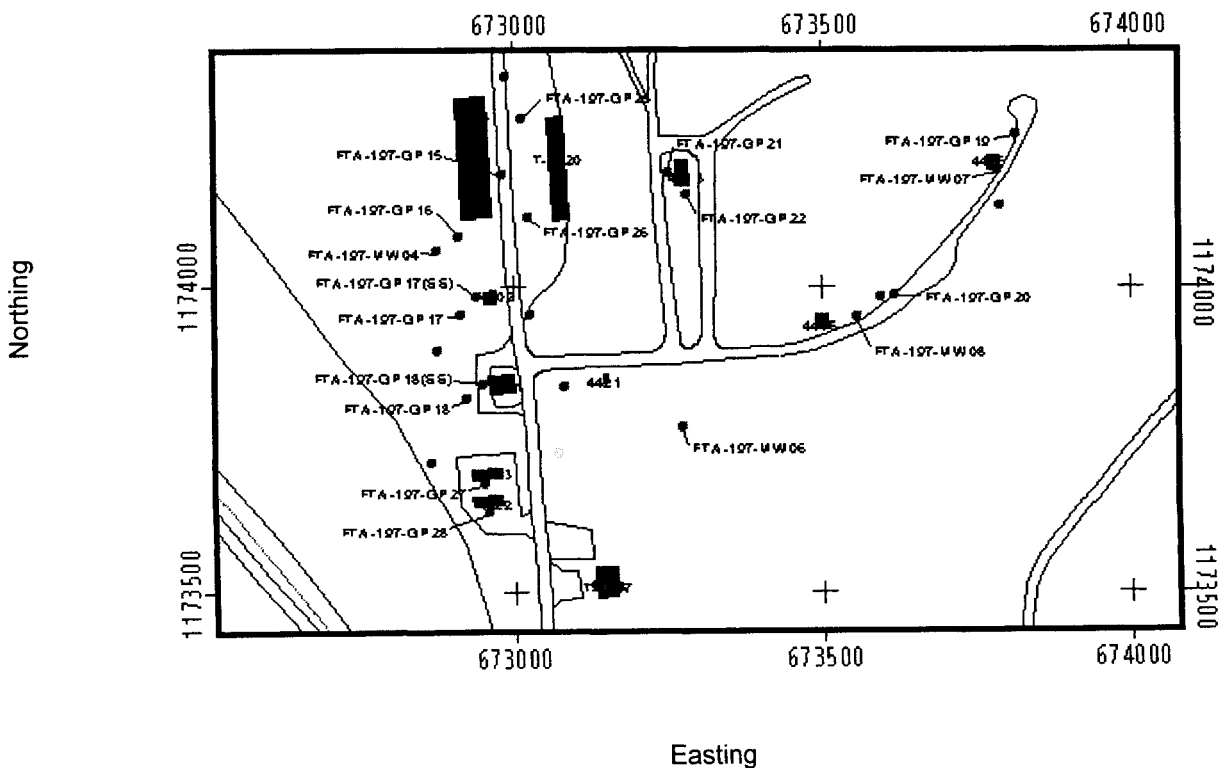
HTRW DRILLING LOG

HOLE NUMBER
FTA-197-GP19

| | | |
|--|--|-------------------------------------|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg Drilling | Sheet 1 of 2 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: Sammy McDaniels | 6. Mfr designation of drill: Geoprobe | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | 8. Hole location: Gravel/sand | |
| | 9. Surface elevation (feet above mean sea level): 865.798 | |
| | 10. Date started: 12/07/99 | 11. Date completed: 12/07/99 |
| 12. Overburden thickness (feet bgs): >6 | 15. Depth groundwater encountered (feet bgs): | |
| 13. Depth drilled into rock (feet bgs): | 16. Depth to water and elapsed time after drilling completed (feet bgs): | |
| 14. Total depth of hole (feet bgs): 6 | 17. Other water level measurements (specify): | |

| | | | | | | |
|------------------------------------|------------|-----------------|------------------------------|-----------------|-----------------|--------------------------|
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | 19. Total no. of core boxes: | | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | CL/OP Pest | CL/OP Herb | PCBs | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | |
| | X | | | James Dendy | | |

LOCATION SKETCH/COMMENTS:



Project: **Fort McClellan**

bgs= below ground surface
NA = Not applicable

Hole no.: **FTA-197-GP19**

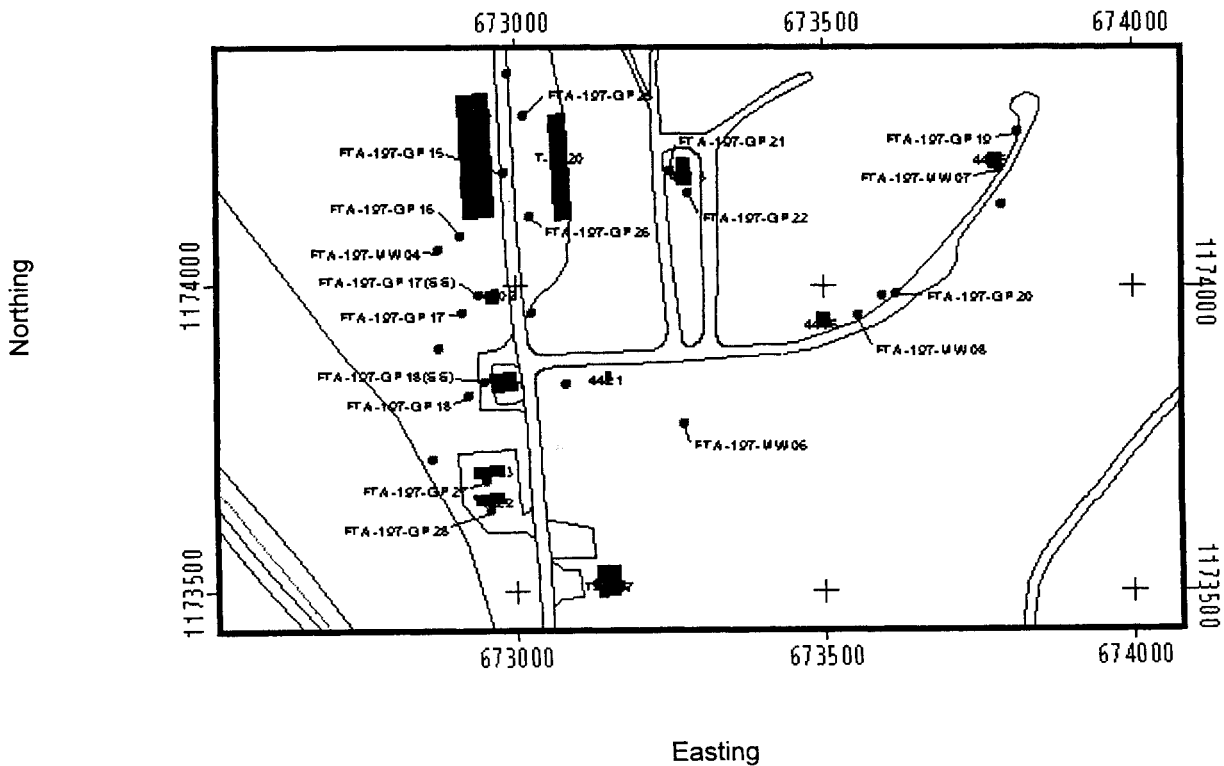
HTRW DRILLING LOG

HOLE NUMBER
FTA-197-GP20

| | | |
|--|--|-------------------------------------|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg Drilling | Sheet 1 of 2 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: Sammy McDaniels | 6. Mfr designation of drill: Geoprobe | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | 8. Hole location Sand/gravel, refusal at 4' bgs | |
| | 9. Surface elevation (feet above mean sea level): 836.860 | |
| | 10. Date started: 12/07/99 | 11. Date completed: 12/07/99 |
| 12. Overburden thickness (feet bgs): >4 | 15. Depth groundwater encountered (feet bgs): | |
| 13. Depth drilled into rock (feet bgs): | 16. Depth to water and elapsed time after drilling completed (feet bgs): | |
| 14. Total depth of hole (feet bgs): 4 | 17. Other water level measurements (specify): | |

| | | | | | | | | | |
|------------------------------------|------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------------------|--|--|
| 18. Geotechnical samples: | Disturbed: | | | Undisturbed: | | | 19. Total no. of core boxes: | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: | | |
| | X | X | CL/OP Pest | CL/OP Herb | PCBs | | N/A | | |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | | | | |
| | X | | | James Dendy | | | | | |

LOCATION SKETCH/COMMENTS:



HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP20

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 2 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 count (g) | Remarks (h) |
|-----------|-----------|---|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | 0 | ml: Brown SILT, some Sand, little Gravel. | | | Organic Vapor = 0.0ppm | | CA0047 | | Rec 48"/48" |
| | 1 | | ml | | | | | | |
| 835 | 2 | sh: Weathered SHALE. | | | Organic Vapor = 0.0ppm | | CA0048 | | |
| | 3 | | sh | | | | | | |
| | 4 | | | | | | | | Refusal at 4'. Bottom of borehole is 4'. |

HTRW DRILLING LOG

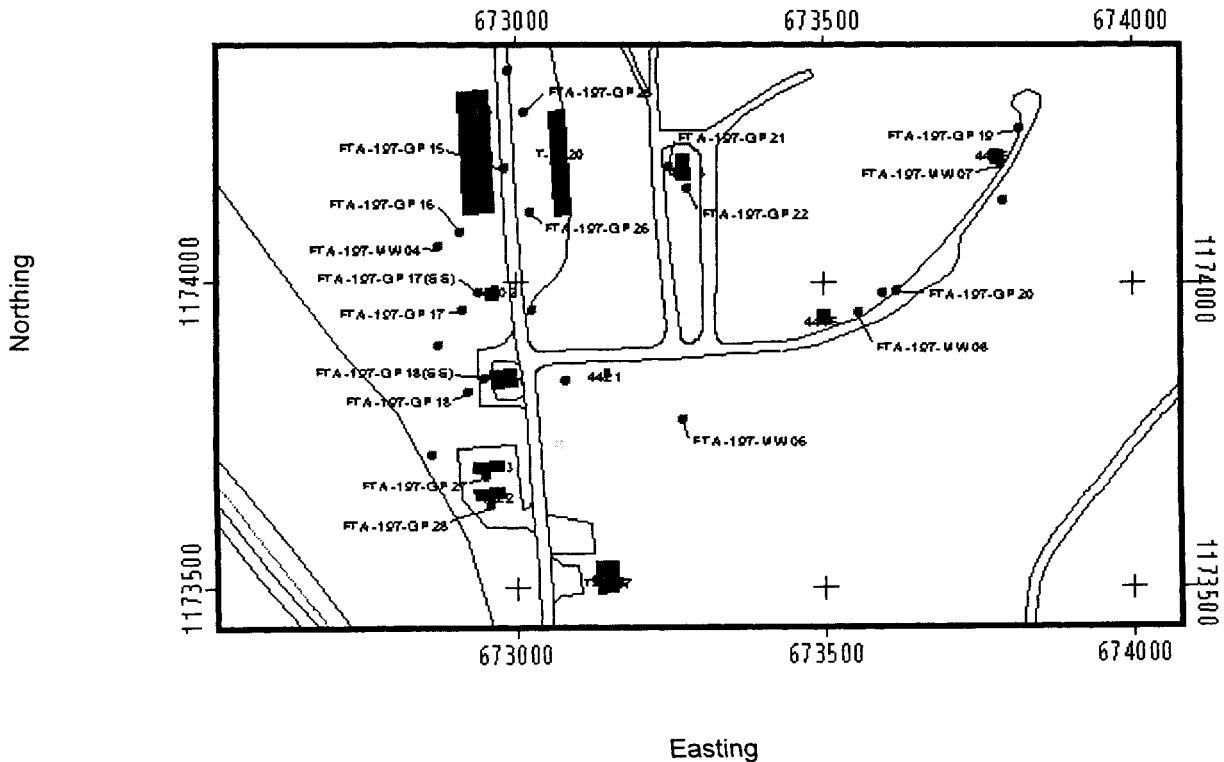
HOLE NUMBER

FTA-197-GP21

| | | |
|---|--|-------------------------------------|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg Drilling | Sheet 1 of 2 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: Sammy McDaniels | 6. Mfr designation of drill: Geoprobe | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler. | 8. Hole location Grass | |
| | 9. Surface elevation (feet above mean sea level): 830.638 | |
| | 10. Date started: 12/03/99 | 11. Date completed: 12/03/99 |
| 12. Overburden thickness (feet bgs): >6 | 15. Depth groundwater encountered (feet bgs): | |
| 13. Depth drilled into rock (feet bgs): | 16. Depth to water and elapsed time after drilling completed (feet bgs): | |
| 14. Total depth of hole (feet bgs): 6 | 17. Other water level measurements (specify): | |

| | | | | | | |
|------------------------------------|------------|-----------------|------------------------------|-----------------|-----------------|--------------------------|
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | 19. Total no. of core boxes: | | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | CL/OP Pest | CL/OP Herb | PCBs | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | |
| | X | | | James Dendy | | |

LOCATION SKETCH/COMMENTS:

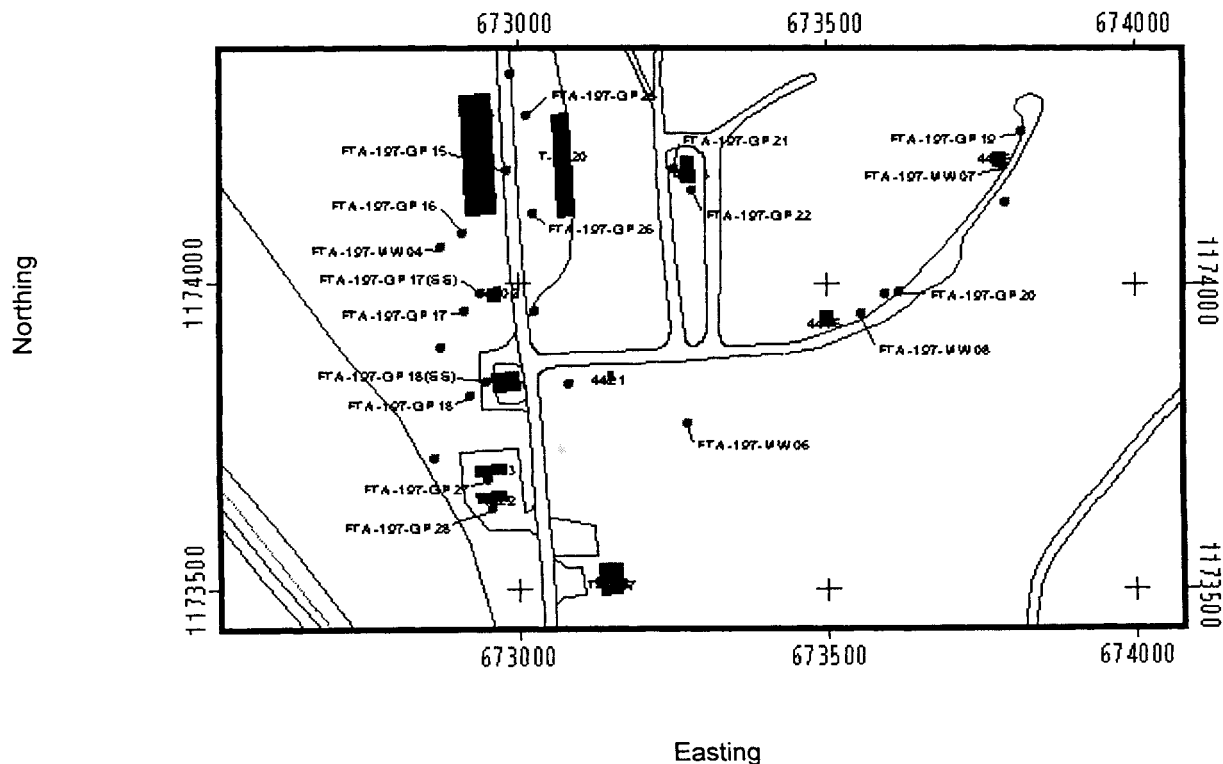


HTRW DRILLING LOG

HOLE NUMBER
FTA-197-GP22

| | | | | | |
|--|--|--------------------------------------|--|------------------------------|---------------------------------|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Teg Drilling | | Sheet 1 of 2 sheets | |
| 3. Project: Fort McClellan | | | 4. Location: Parcel 197 | | |
| 5. Name of driller: Sammy McDaniels | | | 6. Mfr designation of drill: Geoprobe | | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | | | 8. Hole location: Grass | | |
| | | | 9. Surface elevation (feet above mean sea level): 832.115 | | |
| | | | 10. Date started: 12/02/99 | 11. Date completed: 12/02/99 | |
| 12. Overburden thickness (feet bgs): >6 | | | 15. Depth groundwater encountered (feet bgs): | | |
| 13. Depth drilled into rock (feet bgs): | | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | |
| 14. Total depth of hole (feet bgs): 6 | | | 17. Other water level measurements (specify): | | |
| 18. Geotechnical samples: | | Disturbed: | | Undisturbed: | |
| 20. Samples for chemical analysis: | | VOC | Metals | Other (specify) | 19. Total no. of core boxes: |
| | | X | X | CL/OP Pest | Other (specify) Other (specify) |
| | | | | | 21. Total core recovery: N/A |
| 22. Disposition of hole: | | Backfilled | Monitoring well | Other (specify) | Geologist: |
| | | X | | | James Dendy |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-GP22



HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP22

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 2 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 count (g) | Remarks (h) |
|-----------|-----------|---|------------------|---|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | 0 | cl: Brown SILT and gray CLAY, some Sand. | |  | Organic Vapor = 0.0ppm | | CA0051 | | Rec 48"/48" |
| | 1 | | | | | | | | |
| 830 | 2 | | cl | | | | | | |
| | 3 | | | | | | | | |
| | 4 | NA: Brown SILT some Clay, some weathered Shale. | |  | Organic Vapor = 0.0ppm | | | | Rec 24"/48" |
| | 5 | | NA | | | | CA0052 | | |
| | 6 | | | | | | | | Refusal at 6'. Bottom of borehole is 6'. |

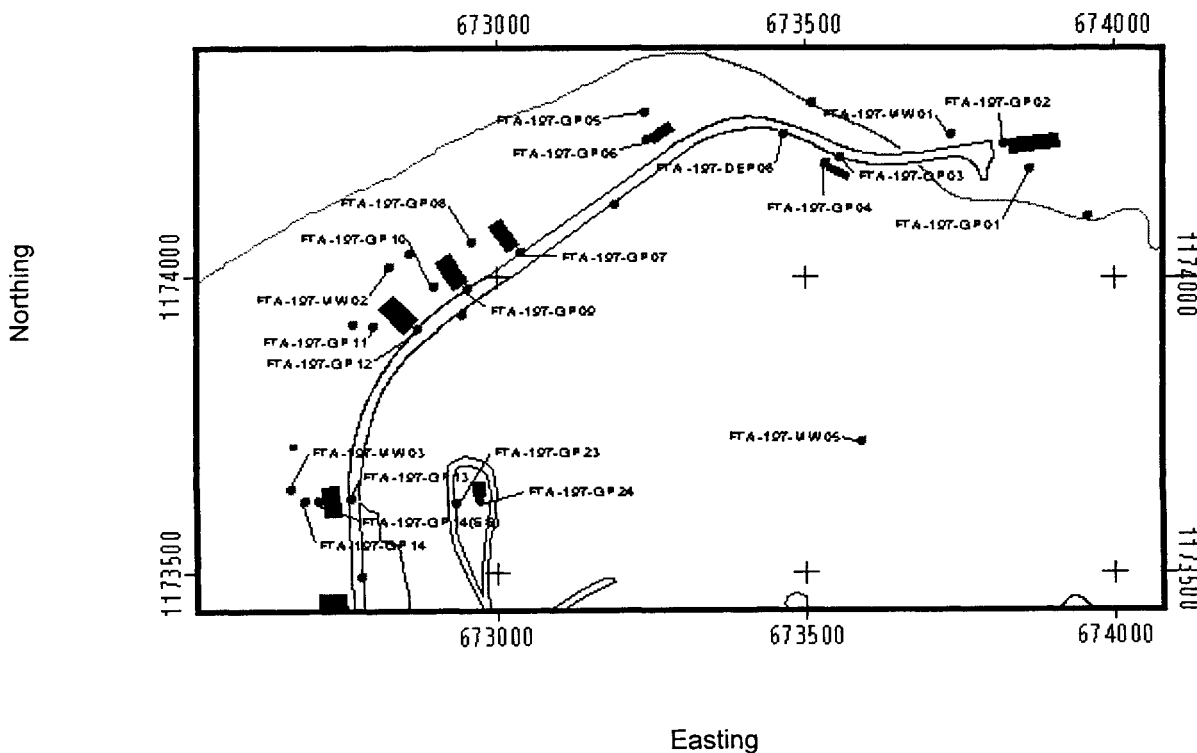
HTRW DRILLING LOG

HOLE NUMBER
FTA-197-GP23

| | | | | | |
|--|--|---|--|---------------------|--|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Teg Drilling | | Sheet 1 of 2 sheets | |
| 3. Project: Fort McClellan | | | 4. Location: Parcel 197 | | |
| 5. Name of driller: Sammy McDaniels | | | 6. Mfr designation of drill: Geoprobe | | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | | | 8. Hole location Grass | | |
| | | | 9. Surface elevation (feet above mean sea level): 830.666 | | |
| 12. Overburden thickness (feet bgs): >6 | | | 15. Depth groundwater encountered (feet bgs): | | |
| 13. Depth drilled into rock (feet bgs): | | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | |
| 14. Total depth of hole (feet bgs): 6 | | | 17. Other water level measurements (specify): | | |

| | | | | | | | | |
|------------------------------------|--|------------|-----------------|-----------------|--------------|-----------------|------------------------------|--------------------------|
| 18. Geotechnical samples: | | Disturbed: | | | Undisturbed: | | 19. Total no. of core boxes: | |
| 20. Samples for chemical analysis: | | VOC | Metals | Other (specify) | | Other (specify) | Other (specify) | 21. Total core recovery: |
| | | X | X | CL/OP Pest | | CL/OP Herb | PCBs | N/A |
| 22. Disposition of hole: | | Backfilled | Monitoring well | Other (specify) | | Geologist: | | |
| | | X | | | | James Dendy | | |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-GP23

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP23

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 2 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 count (g) | Remarks (h) |
|-----------|-----------|---|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| 0 | 0 | sh: Brown and gray fissile dry weathered SHALE. | | | Organic Vapor = 0.0ppm | | CA0053 | | Rec 24"/24" |
| 830 | 1 | | | | | | | | |
| | 2 | | | | | | | | |
| | 3 | | sh | | | | | | |
| | 4 | | | | Organic Vapor = 0.0ppm | | | | |
| | 5 | | | | | | CA0054 | | |
| 825 | 6 | | | | | | | | Refusal at 6'. Bottom of borehole is 6'. |

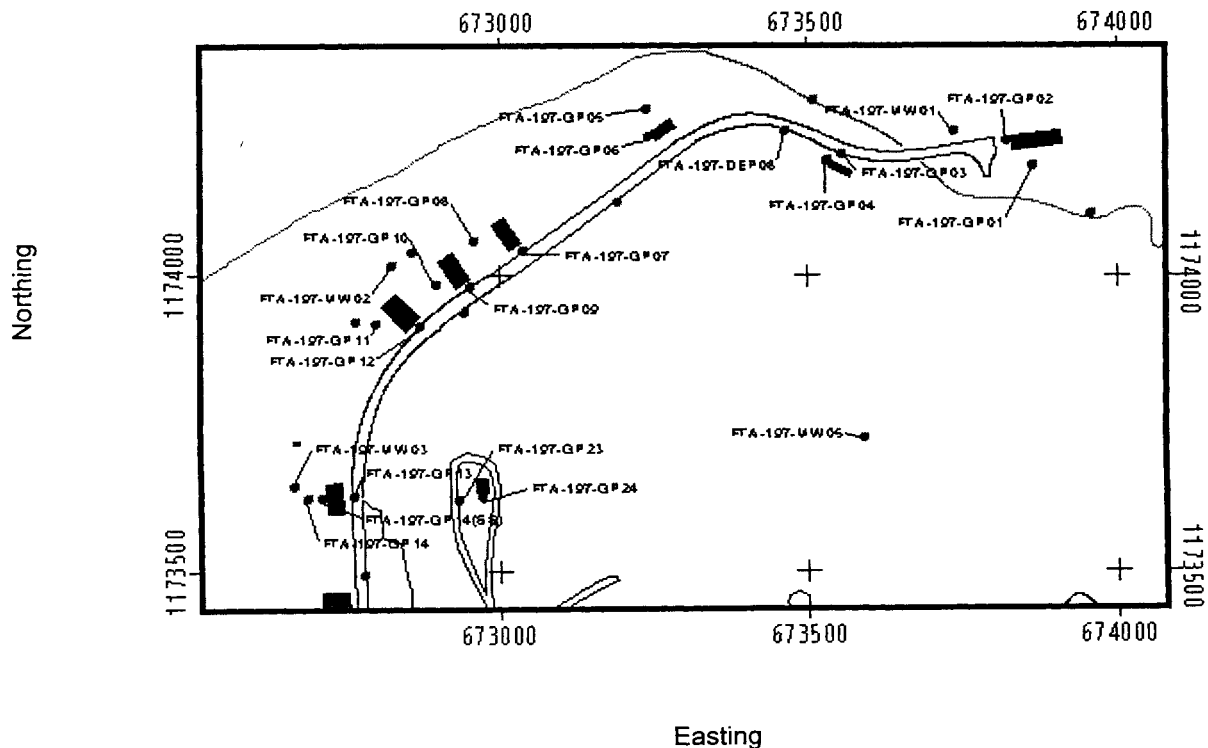
HTRW DRILLING LOG

HOLE NUMBER

FTA-197-GP24

| | | | | | |
|--|--|---|--|---------------------|---------------------------|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Teg Drilling | | Sheet 1 of 3 sheets | |
| 3. Project: Fort McClellan | | | 4. Location: Parcel 197 | | |
| 5. Name of driller: Sammy McDaniels | | | 6. Mfr designation of drill: Geoprobe | | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | | | 8. Hole location Sand/grass | | |
| | | | 9. Surface elevation (feet above mean sea level): 845.299 | | |
| 12. Overburden thickness (feet bgs): >11 | | | 15. Depth groundwater encountered (feet bgs): | | |
| 13. Depth drilled into rock (feet bgs): | | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | |
| 14. Total depth of hole (feet bgs): 11 | | | 17. Other water level measurements (specify): | | |
| 18. Geotechnical samples: | | Disturbed: | | Undisturbed: | |
| 19. Total no. of core boxes: | | | | | |
| 20. Samples for chemical analysis: | | VOC | Metals | Other (specify) | 21. Total core recovery: |
| | | X | X | CL/OP Pest | CL/OP Herb PCBs N/A |
| 22. Disposition of hole: | | Backfilled | Monitoring well | Other (specify) | Geologist: |
| | | X | | | James Dendy |

LOCATION SKETCH/COMMENTS:



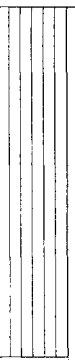
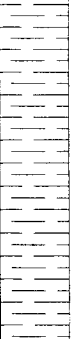

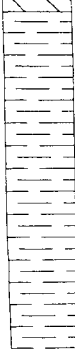
HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP24

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 3 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 count (g) | Remarks (h) |
|-----------|-----------|--|------------------|---|-----------------------------|------------------------------------|---------------------------|----------------|-------------|
| 845 | 0 | ml: Dry brown SILT. | ml |  | Organic Vapor = 0.0ppm | | CA0055 | | Rec 48"/48" |
| | 2 | sh: Brown weathered fissile SHALE. | sh |  | | | | | |
| | 4 | cl-ml: Gray CLAY and brown SILT, some weahtered Shale. | cl-ml |  | Organic Vapor = 0.0ppm | | | | Rec 48"/36" |
| 840 | 8 | sh: Gray weathered fissile SHALE, some gray Clay. | sh |  | Organic Vapor = 0.0ppm | | | | Rec 36"/48" |


HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP24

Project: Fort McClellan

Geologist: James Dendy

Sheet 3 of 3 sheets

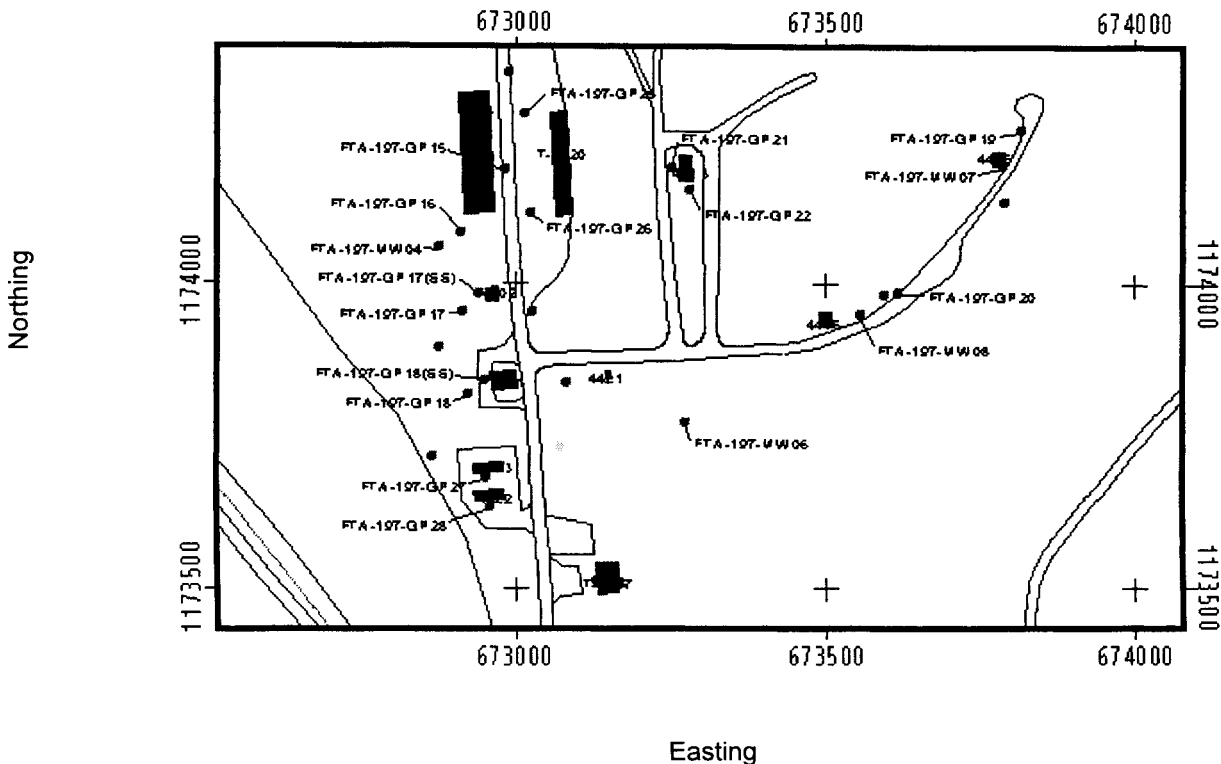
| Elev. (a) | Depth (b) | Description of Materials (c) | USCS / Lithology | Graphic | Field screening results (d) | Geotech sample or core box no. (e) | Analytical sample no. (f) | Blow count (g) | Remarks (h) |
|--------------|--------------|------------------------------|---------------------|---|-----------------------------------|---|---------------------------------|-------------------|---|
| 10 | 835 | | |  | | | CA0056 | | Refusal at 11'. Bottom of borehole is 11'. |
| 11 | | | | | | | | | |

HTRW DRILLING LOG

HOLE NUMBER
FTA-197-GP25

| | | | | | | |
|--|------------|---|--|---------------------|------------------------------|--------------------------|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Teg Drilling | | Sheet 1 of 3 sheets | | |
| 3. Project: Fort McClellan | | | 4. Location: Parcel 197 | | | |
| 5. Name of driller: Sammy McDaniels | | | 6. Mfr designation of drill: Geoprobe | | | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | | | 8. Hole location Gravel | | | |
| | | | 9. Surface elevation (feet above mean sea level): 808.216 | | | |
| 12. Overburden thickness (feet bgs): >12 | | | 15. Depth groundwater encountered (feet bgs): | | | |
| 13. Depth drilled into rock (feet bgs): | | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | | |
| 14. Total depth of hole (feet bgs): 12 | | | 17. Other water level measurements (specify): | | | |
| 18. Geotechnical samples: | Disturbed: | | Undisturbed: | | 19. Total no. of core boxes: | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | CL/OP Pest | CL/OP Herb | PCBs | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | |
| | X | | | James Dendy | | |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-GP25

HTRW DRILLING LOG (Continuation Sheet)

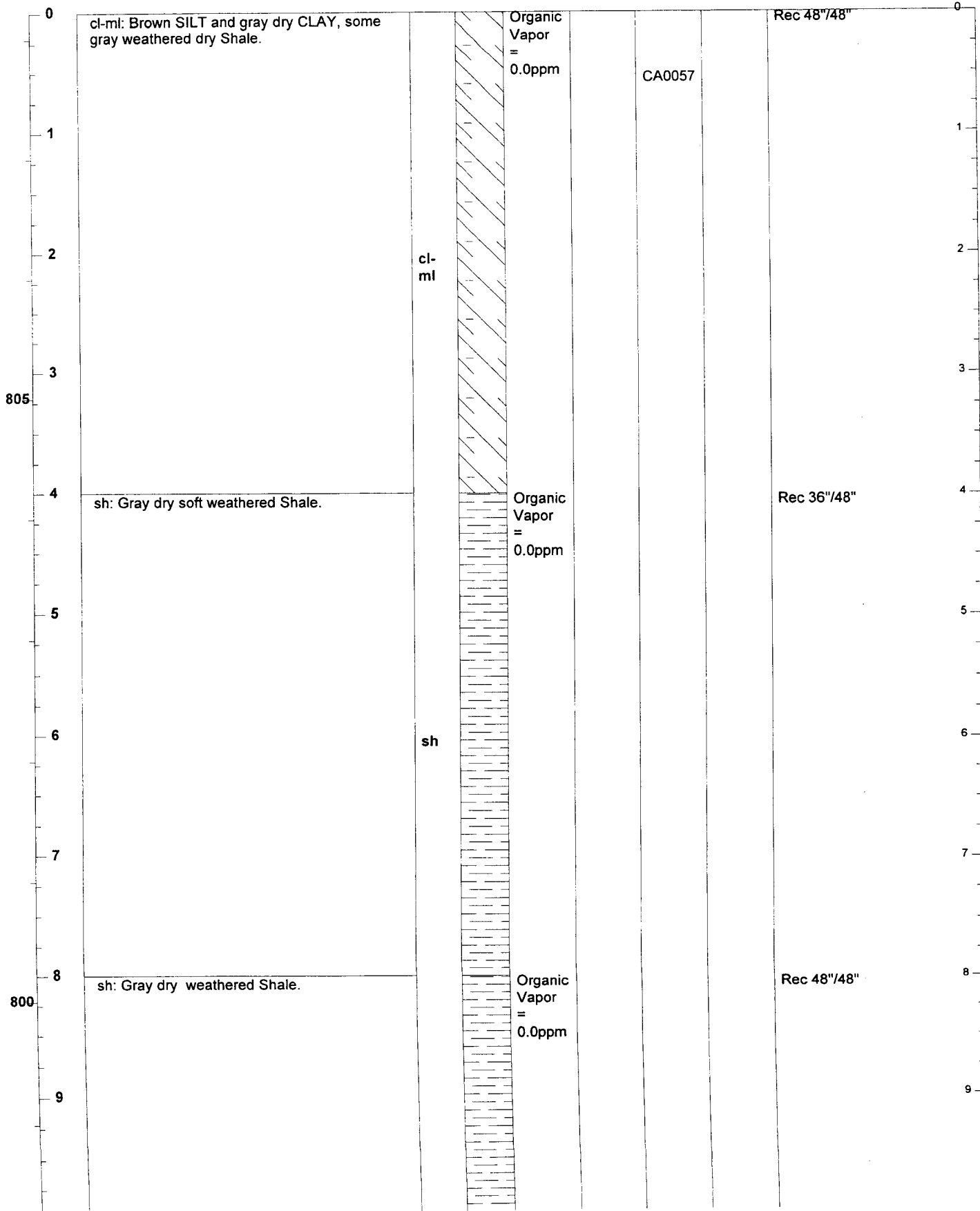
HOLE NUMBER: FTA-197-GP25

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 3 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 count (g) | Remarks (h) |
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|-------------|
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|-------------|



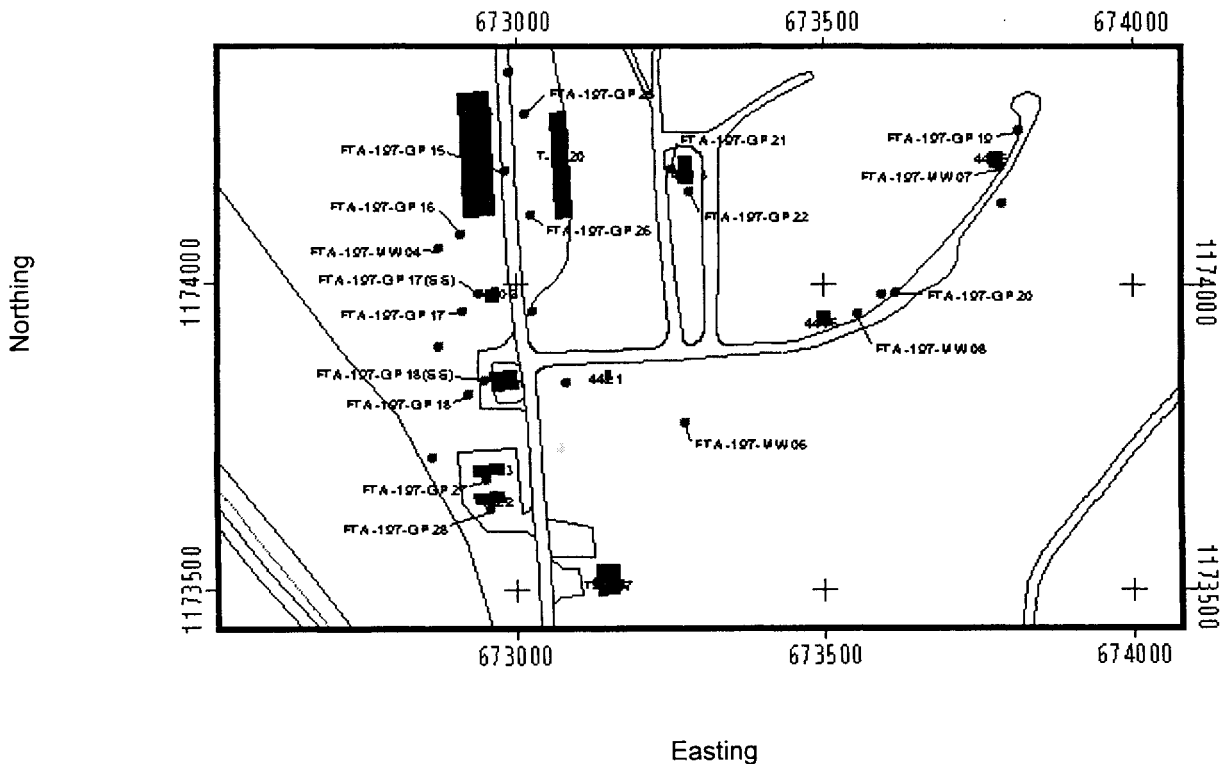
HTRW DRILLING LOG

HOLE NUMBER
FTA-197-GP26

| | | |
|--|--|--|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg Drilling | Sheet 1 of 2 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: Sammy McDaniels | 6. Mfr designation of drill: Geoprobe | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | 8. Hole location Gravel | |
| | 9. Surface elevation (feet above mean sea level): 807.921 | |
| 10. Date started: 12/03/99 | | 11. Date completed: 12/03/99 |
| 12. Overburden thickness (feet bgs): >4 | | 15. Depth groundwater encountered (feet bgs): |
| 13. Depth drilled into rock (feet bgs): | | 16. Depth to water and elapsed time after drilling completed (feet bgs): |
| 14. Total depth of hole (feet bgs): 4 | | 17. Other water level measurements (specify): |

| | | | | | | |
|------------------------------------|------------|-----------------|------------------------------|-----------------|-----------------|--------------------------|
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | 19. Total no. of core boxes: | | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | OP/CL Pest | OP/CL Herb | PCBs | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | | |
| | X | | | James Dendy | | |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-GP26

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-GP26

Project: Fort McClellan

Geologist: James Dendy

Sheet 2 of 2 sheets

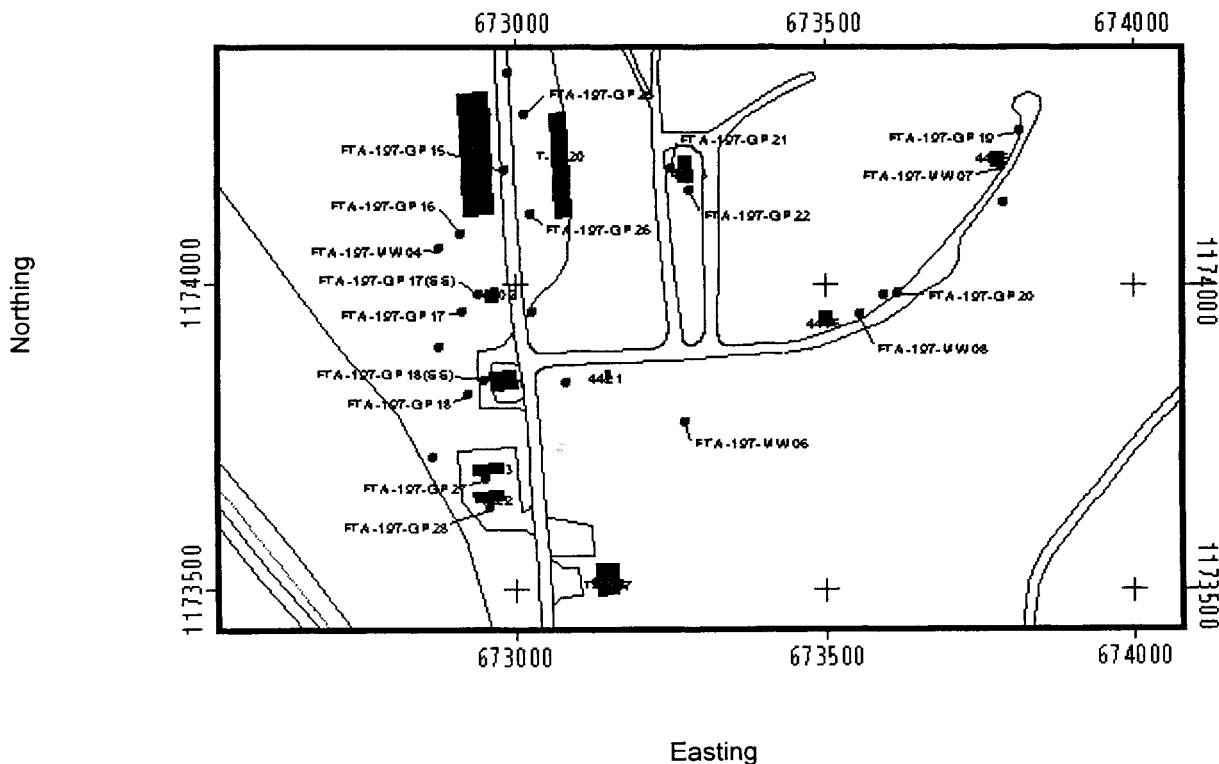
| Elev. (a) | Depth (b) | Description of Materials (c) | USCS / Lithology | Graphic | Field screening results (d) | Geotech sample or core box no. (e) | Analytical sample no. (f) | Blow count (g) | Remarks (h) |
|-----------|-----------|-----------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | 0 | ml: Red SILT, some Sand. | | | Organic Vapor = 0.0ppm | | CA0059 | | Rec 48"/48" |
| | 1 | | ml | | | | | | |
| | 2 | sh: Gray fissile weathered SHALE. | | | | | | | |
| 805 | 3 | | sh | | | | CA0060 | | |
| | 4 | | | | | | | | Refusal at 4'. Bottom of borehole is 4'. |

HTRW DRILLING LOG

HOLE NUMBER
FTA-197-GP27

| | | | | | |
|--|--|---|--|---------------------|---------------------------------|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Teg Drilling | | Sheet 1 of 2 sheets | |
| 3. Project: Fort McClellan | | | 4. Location: Parcel 197 | | |
| 5. Name of driller: Sammy McDaniels | | | 6. Mfr designation of drill: Geoprobe | | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push 2"x4' acetate-lined sampler | | | 8. Hole location Asphalt | | |
| | | | 9. Surface elevation (feet above mean sea level): 802.851 | | |
| 12. Overburden thickness (feet bgs): >1 | | | 15. Depth groundwater encountered (feet bgs): | | |
| 13. Depth drilled into rock (feet bgs): | | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | |
| 14. Total depth of hole (feet bgs): 1 | | | 17. Other water level measurements (specify): | | |
| 18. Geotechnical samples: | | Disturbed: | | Undisturbed: | |
| 20. Samples for chemical analysis: | | VOC | Metals | Other (specify) | 19. Total no. of core boxes: |
| | | X | X | CL/OP Pest | Other (specify) Other (specify) |
| | | | | | 21. Total core recovery: N/A |
| 22. Disposition of hole: | | Backfilled | Monitoring well | Other (specify) | Geologist: |
| | | X | | | James Dendy |

LOCATION SKETCH/COMMENTS:



HTRW DRILLING LOG

HOLE NUMBER

FTA-197-GP28

1. Company name: **IT Corporation**

2. Drill Subcontractor: **Teg Drilling**

Sheet 1 of 2 sheets

3. Project: **Fort McClellan**

4. Location:

5. Name of driller:

6. Mfr designation of drill:

7. Sizes and types of drilling and sampling equipment:

Direct Push

8. Hole location **Asphalt, surface sample only**

9. Surface elevation (feet above mean sea level): **802.797**

10. Date started: **12/07/99**

11. Date completed: **12/07/99**

12. Overburden thickness (feet bgs): **>1**

15. Depth groundwater encountered (feet bgs):

13. Depth drilled into rock (feet bgs):

16. Depth to water and elapsed time after drilling completed (feet bgs):

14. Total depth of hole (feet bgs): **1**

17. Other water level measurements (specify):

18. Geotechnical samples:

Disturbed:

Undisturbed:

19. Total no. of core boxes:

20. Samples for chemical analysis:

VOC

Metals

Other (specify)

Other (specify)

Other (specify)

21. Total core recovery:

X

X

X

N/A

22. Disposition of hole:

Backfilled

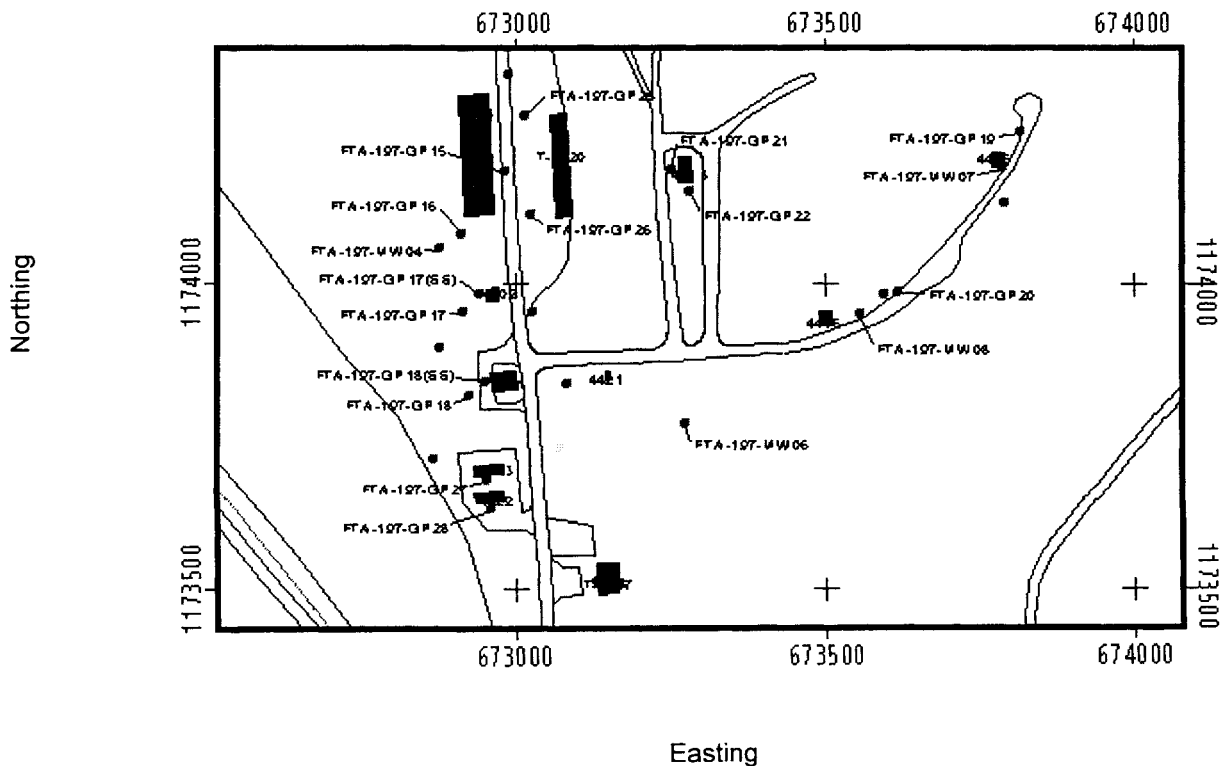
Monitoring well

Other (specify)

Geologist:

James Dendy

LOCATION SKETCH/COMMENTS:



Project: **Fort McClellan**

bgs= below ground surface
NA = Not applicable

Hole no.: **FTA-197-GP28**

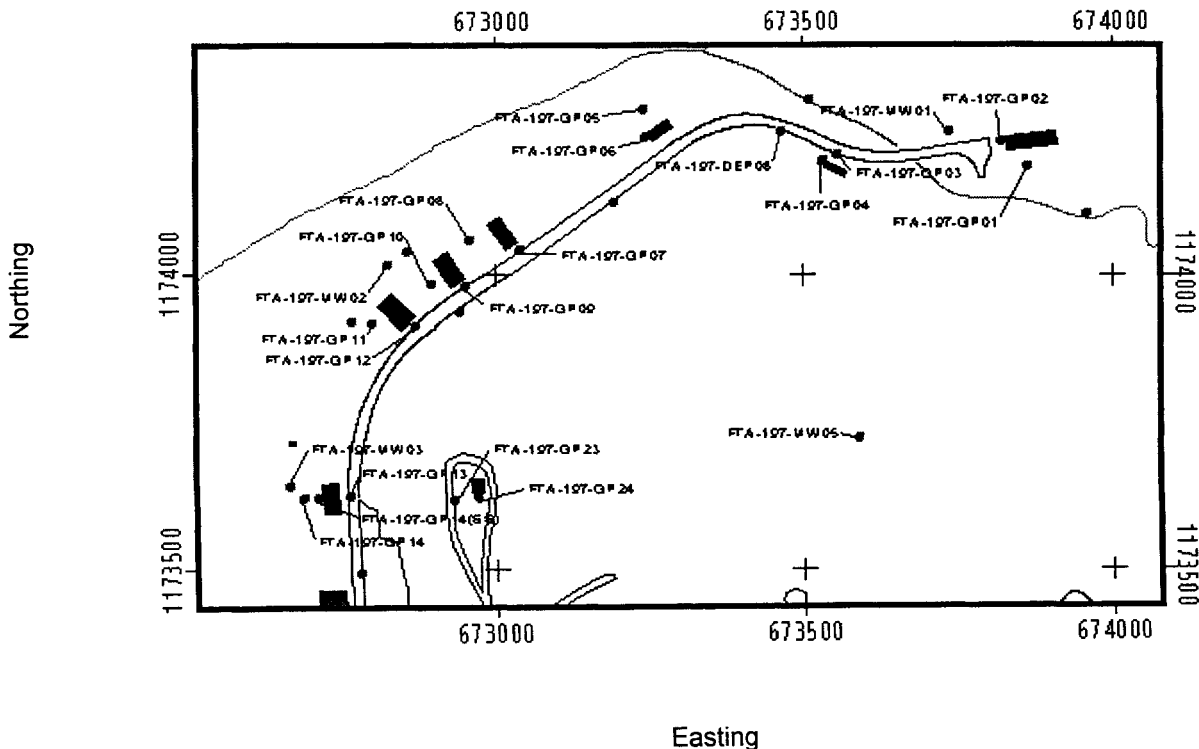
HTRW DRILLING LOG

HOLE NUMBER
FTA-197-MW01

| | | | | | |
|--|--|--|--|-------------------------------------|--|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Miller Drilling | | Sheet 1 of 3 sheets | |
| 3. Project: Fort McClellan | | | 4. Location: Parcel 197 | | |
| 5. Name of driller: Ken Gobell | | | 6. Mfr designation of drill: CME-550 | | |
| 7. Sizes and types of drilling and sampling equipment: Hollow Stem Auger 5'x8.25" augers, 2'x2" split spoons | | | 8. Hole location FTA-197-MW01 | | |
| | | | 9. Surface elevation (feet above mean sea level): 806.620 | | |
| | | | 10. Date started: 01/26/00 | 11. Date completed: 01/26/00 | |
| 12. Overburden thickness (feet bgs): >12 | | | 15. Depth groundwater encountered (feet bgs): 2 Ft | | |
| 13. Depth drilled into rock (feet bgs): | | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | |
| 14. Total depth of hole (feet bgs): 12 | | | 17. Other water level measurements (specify): | | |

| | | | | | | | |
|------------------------------------|------------|-----------------|-----------------|--------------|-------------------------------|------------------------------|--------------------------|
| 18. Geotechnical samples: | Disturbed: | | | Undisturbed: | | 19. Total no. of core boxes: | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | | Other (specify) | Other (specify) | 21. Total core recovery: |
| | | | | | | | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | | Geologist: James Dendy | | |
| | | X | | | | | |

LOCATION SKETCH/COMMENTS:



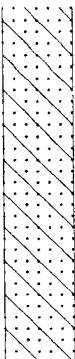
HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW01

Project: Fort McClellan

Geologist: James Dendy

Sheet 3 of 3 sheets

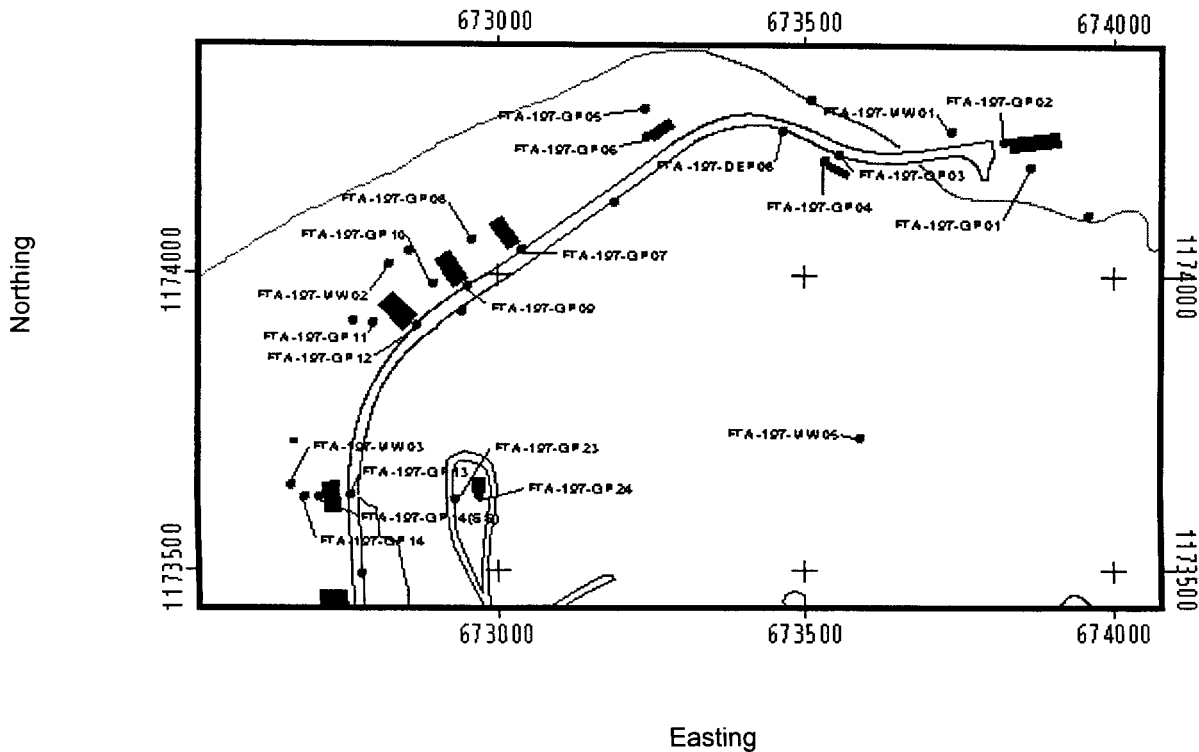
| Elev. (a) | Depth (b) | Description of Materials (c) | USCS / Lithology | Graphic | Field screening results (d) | Geotech sample or core box no. (e) | Analytical sample no. (f) | Blow count (g) | Remarks (h) |
|-----------|-----------|------------------------------|------------------|---|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | 10 | | cl-sc |  | | | | | Description from hollow stem auger drill cuttings. |
| | 11 | | | | | | | | |
| 795 | 12 | | | | | | | | Bottom of borehole is 12'. |

HTRW DRILLING LOG

HOLE NUMBER
FTA-197-MW02

| | | | | | |
|---|--|--|--|---------------------|--------------------------|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Miller Drilling | | Sheet 1 of 3 sheets | |
| 3. Project: Fort McClellan | | | 4. Location: Parcel 197 | | |
| 5. Name of driller: Ken Gobell | | | 6. Mfr designation of drill: CME-550 | | |
| 7. Sizes and types of drilling and sampling equipment: Hollow Stem Auger 5'x8.25"augers, 2'x2" split spoons | | | 8. Hole location FTA-197-MW02 | | |
| | | | 9. Surface elevation (feet above mean sea level): 782.76 | | |
| 12. Overburden thickness (feet bgs): >15 | | | 15. Depth groundwater encountered (feet bgs): 13 Ft | | |
| 13. Depth drilled into rock (feet bgs): | | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | |
| 14. Total depth of hole (feet bgs): 15 | | | 17. Other water level measurements (specify): | | |
| 18. Geotechnical samples: | | Disturbed: | | Undisturbed: | |
| 19. Total no. of core boxes: | | | | | |
| 20. Samples for chemical analysis: | | VOC | Metals | Other (specify) | 21. Total core recovery: |
| | | | | | N/A |
| 22. Disposition of hole: | | Backfilled | Monitoring well | Other (specify) | Geologist: |
| | | | X | | James Dendy |

LOCATION SKETCH/COMMENTS:



HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW02

Project: Fort McClellan

Geologist: James Dendy

Sheet 3 of 3 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 count (g) | Remarks (h) |
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | 10 | | | | Organic Vapor = 0.0ppm | | | | Description from hollow stem auger drill cuttings. |
| | 11 | | sh | | | | | | |
| | 12 | | | | | | | | |
| 770 | 13 | | | | | | | | Water at 13'. |
| | 14 | sh: Hard, black, SHALE. | sh | | Organic Vapor = 0.0ppm | | | | Rec 2"/2" Blow 50/2 Split spoon refusal at 14'. |
| | 15 | | | | | | | | Hollow stem refusal at 15'. Bottom of borehole is 15'. |

HTRW DRILLING LOG

HOLE NUMBER

FTA-197-MW03

1. Company name: **IT Corporation**

2. Drill Subcontractor: **Miller Drilling**

Sheet 1 of 4 sheets

3. Project: **Fort McClellan**

4. Location: **Parcel 197**

5. Name of driller: **Ken Gobell**

6. Mfr designation of drill: **CME-550**

7. Sizes and types of drilling and sampling equipment:

Hollow Stem Auger

5'x8.25" augers, 2'x2" split spoons

8. Hole location **FTA-197-MW03**

9. Surface elevation (feet above mean sea level): **787.513**

10. Date started: **01/25/00**

11. Date completed: **01/25/00**

12. Overburden thickness (feet bgs): **>26**

15. Depth groundwater encountered (feet bgs): **20.0 Ft**

13. Depth drilled into rock (feet bgs):

16. Depth to water and elapsed time after drilling completed (feet bgs):

14. Total depth of hole (feet bgs): **26**

17. Other water level measurements (specify):

18. Geotechnical samples:

Disturbed:

Undisturbed:

19. Total no. of core boxes:

20. Samples for chemical analysis:

VOC

Metals

Other (specify)

Other (specify)

Other (specify)

21. Total core recovery:

N/A

22. Disposition of hole:

Backfilled

Monitoring well

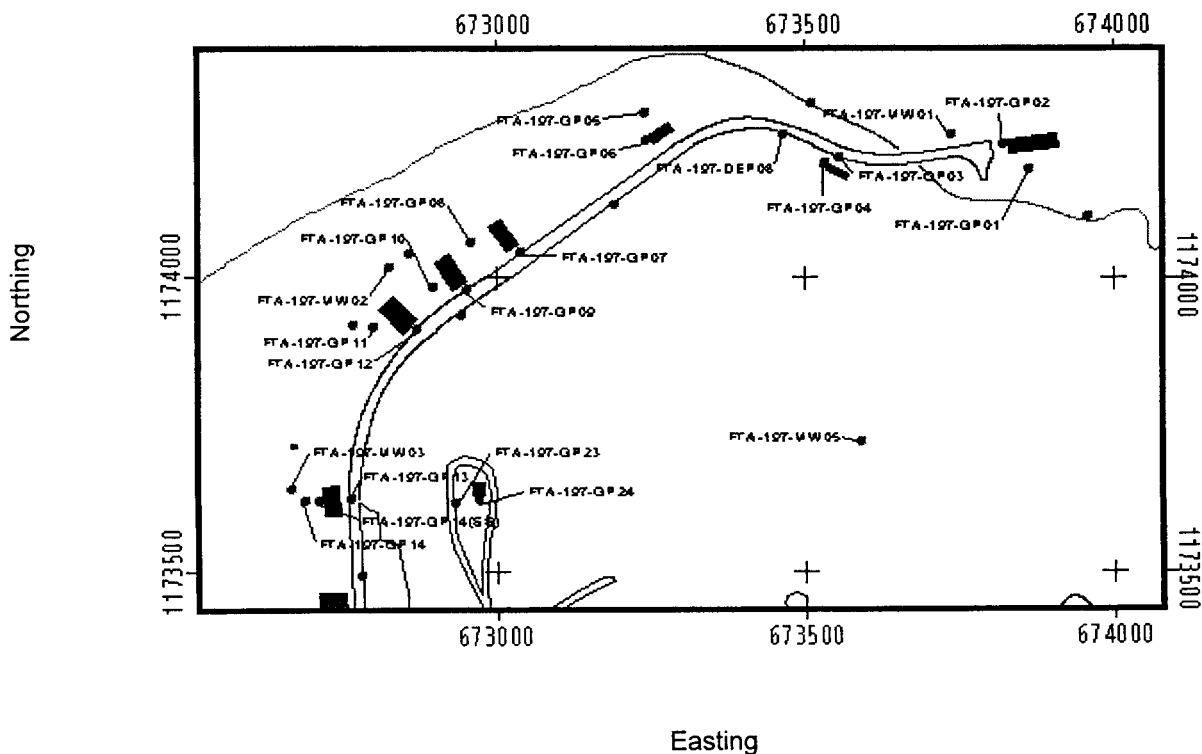
Other (specify)

Geologist:

James Dendy

X

LOCATION SKETCH/COMMENTS:



Project: **Fort McClellan**

bgs = below ground surface
NA = Not applicable

Hole no.: **FTA-197-MW03**

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW03

Project: Fort McClellan

Geologist: James Dendy

Sheet 4 of 4 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 count (g) | Remarks (h) |
|-----------|-----------|---|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | | | | | | | | | Water encountered at 20'. |
| 21 | | sh: Hard, gray to black, fissile, SHALE, little Quartz veins. | | | Organic Vapor = 0.0ppm | | | | Descriptions from hollow stem auger drill cuttings. |
| | 22 | | | | | | | | |
| 765 | | | | | | | | | |
| | 23 | | | | | | | | |
| | 24 | | sh | | | | | | |
| | 25 | | | | | | | | |
| | 26 | | | | | | | | Hollow stem auger refusal at 26'. Bottom of borehole is 26'. |

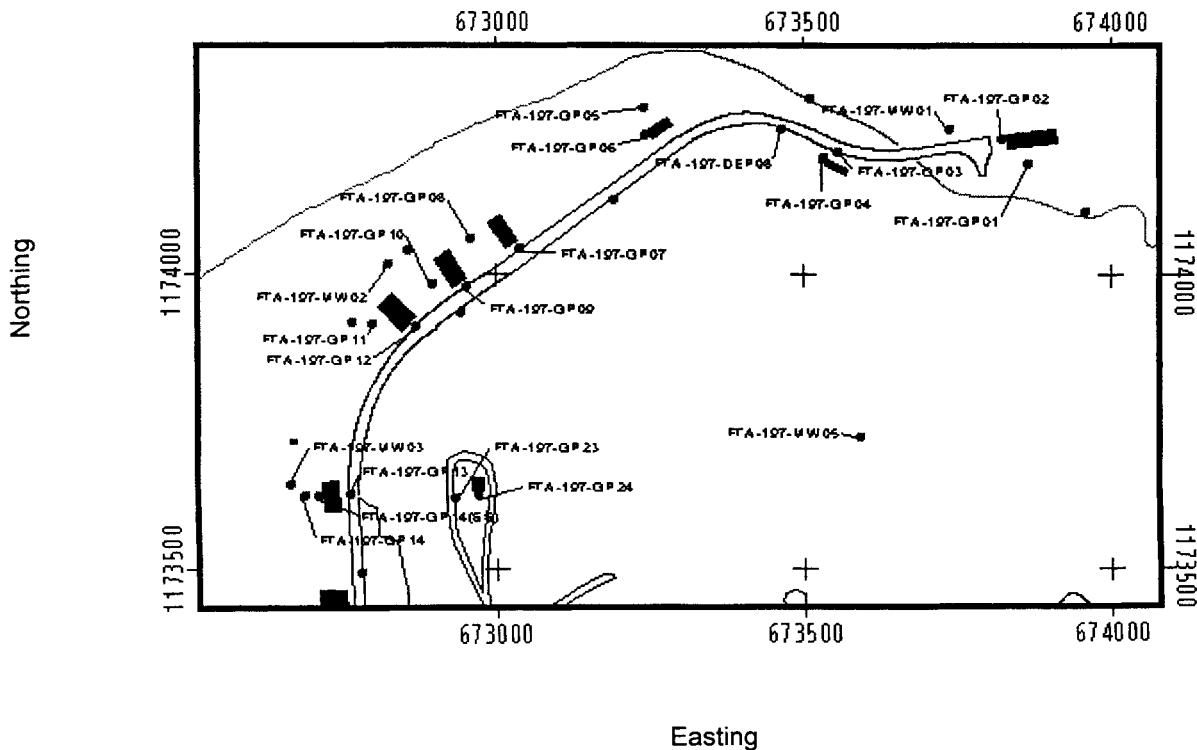
HTRW DRILLING LOG

HOLE NUMBER

FTA-197-MW04

| | | | | | |
|--|------------|--|-----------------|---|-------------------------------------|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Miller Drilling | | Sheet 1 of 4 sheets | |
| 3. Project: Fort McClellan | | 4. Location: Parcel 197 | | | |
| 5. Name of driller: Ken Gobell | | 6. Mfr designation of drill: CME-550 | | | |
| 7. Sizes and types of drilling and sampling equipment: Hollow Stem Auger 5'x8.25" augers, 2'x2" split spoons | | 8. Hole location FTA-197-MW04 | | 9. Surface elevation (feet above mean sea level): 789.333 | |
| 12. Overburden thickness (feet bgs): >29 | | 15. Depth groundwater encountered (feet bgs): 16 Ft | | 10. Date started: 01/25/00 11. Date completed: 01/25/00 | |
| 13. Depth drilled into rock (feet bgs): | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | | |
| 14. Total depth of hole (feet bgs): 29 | | 17. Other water level measurements (specify): | | | |
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | | 19. Total no. of core boxes: | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | Other (specify) |
| | | | | | 21. Total core recovery: N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: | |
| | | X | | James Dendy | |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-MW04


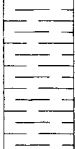
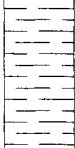

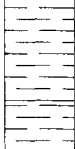
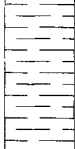

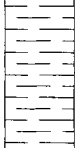
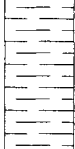
HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW04

Project: Fort McClellan

Geologist: James Dendy

Sheet 4 of 4 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 count (g) | Remarks (h) |
|-----------|-----------|-------------------------------|------------------|---|-----------------------------|------------------------------------|---------------------------|----------------|---|
| | 21 | | sh |  | Organic Vapor = 0.0ppm | | | | Descriptions from hollow stem auger drill cuttings. |
| | 22 | | |  | | | | | |
| | 23 | | |  | | | | | |
| 765 | 24 | sh: Gray to black hard SHALE. | |  | Organic Vapor = 0.0ppm | | | | |
| | 25 | | |  | | | | | |
| | 26 | | sh |  | | | | | |
| | 27 | | |  | | | | | |
| | 28 | | |  | | | | | |
| | 29 | | |  | | | | | Bottom of borehole is 29'. |

HTRW DRILLING LOG

HOLE NUMBER

FTA-197-MW05

1. Company name: **IT Corporation**

2. Drill Subcontractor: Miller Drilling

Sheet 1 of 8 sheets

3. Project: Fort McClellan

4. Location: Parcel 197

5. Name of driller: Ken Gobell

6. Mfr designation of drill: CME-550

7. Sizes and types of drilling and sampling equipment:

Air Percussion and Air Rotary

8. Hole location FTA-197-MW05

5'x8.25" augers, 2'x2" split spoons

9. Surface elevation (feet above mean sea level): 932.410

10. Date started: 01/10/00

11. Date completed: 02/17/00

12. Overburden thickness (feet bgs): >66

15. Depth groundwater encountered (feet bgs): 56 Ft

13. Depth drilled into rock (feet bgs):

16. Depth to water and elapsed time after drilling completed (feet bgs):

14. Total depth of hole (feet bgs): 66

17. Other water level measurements (specify):

18. Geotechnical samples:

Disturbed:

Undisturbed:

19. Total no. of core boxes:

20. Samples for chemical analysis:

VOC

Metals

Other (specify)

Other (specify)

Other (specify)

21. Total core recovery:

N/A

22. Disposition of hole:

Backfilled

Monitoring well

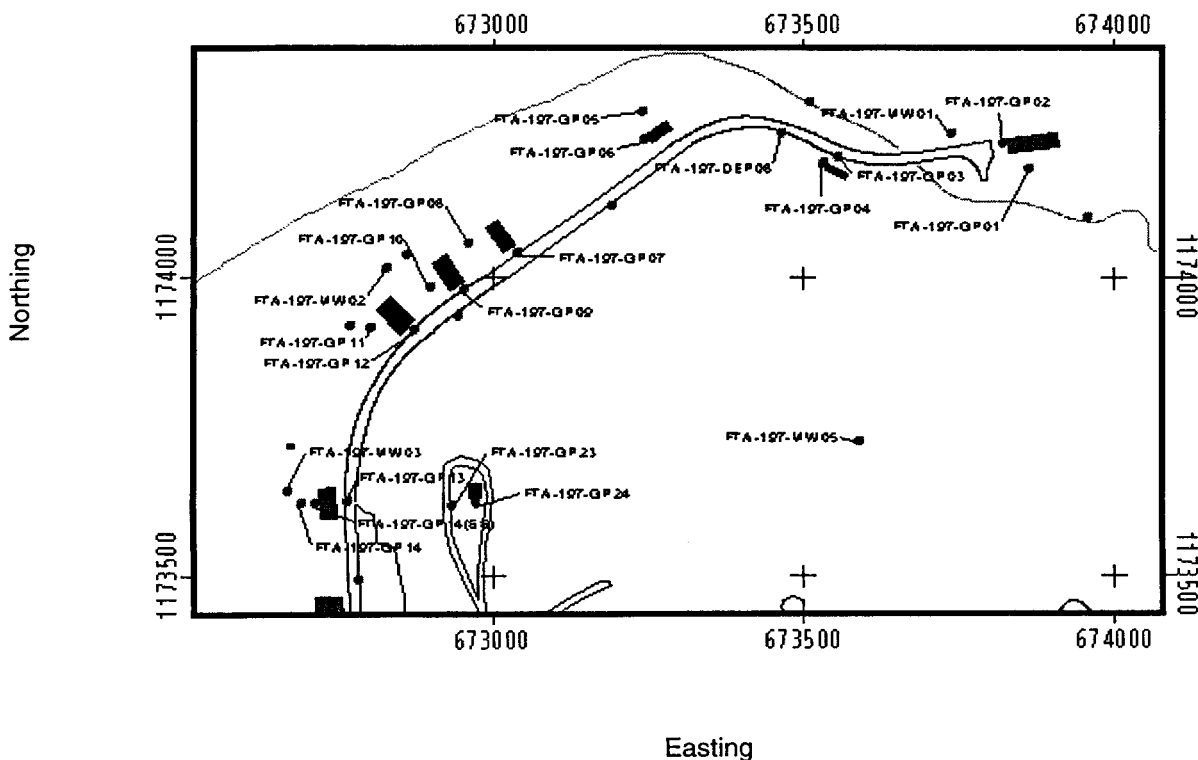
Other (specify)

Geologist:

John Hofer

X

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-MW05



HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW05

Project: Fort McClellan

Geologist: John Hofer

Sheet 2 of 8 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 count (g) | Remarks (h) |
|-----------|-----------|---|------------------|---|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | | NA: No description provided. | | | | | | | |
| | 1 | | | | | | | | |
| | 2 | | | | | | | | |
| 930 | | | | | | | | | |
| | 3 | | | | | | | | |
| | 4 | NA: Red SILT, some medium grained Sand. | NA | | | | | | Rec 17"/18" Blow 29 50/6" |
| | 5 | sp: Brown, yellow, white, red SAND and SANDSTONE fragments, medium grained. | NA |  | Organic Vapor = 0.0ppm | | | | Dry, subangular to subrounded, very dense. |
| | 6 | | sp | | | | | | |
| | 7 | | | | | | | | |
| 925 | | | | | | | | | |
| | 8 | sw: SAND, fine-medium, grain, white, SANDSTONE/QUARTZITE fragments. | |  | Organic Vapor = 0.0ppm | | | | Rec 6"/24" Blow 18 31 26 19 |
| | 9 | | | | | | | | |
| | 10 | | | | | | | | Refusal at 10' offset. |



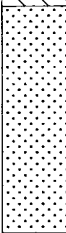
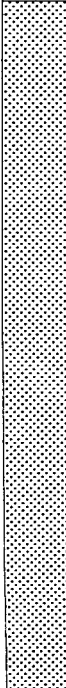
HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW05

Project: Fort McClellan

Geologist: John Hofer

Sheet 3 of 8 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 count (g) | Remarks (h) |
|-----------|-----------|---|------------------|---|-----------------------------|------------------------------------|---------------------------|----------------|--|
| | | | SW |  | | | | | |
| | 11 | | | | | | | | |
| 920 | 12 | | | | | | | | |
| | 13 | cl: Red to yellow-red sandy CLAY, with Quartzite Gravel, dry. | |  | | | | | |
| | 14 | | cl | | Organic Vapor = 0.0ppm | | | | Rec 20"/24" Blow 16 18 23 42 |
| | 15 | | | | | | | | |
| | 16 | sp: Yellow-brown fine to medium SAND and SANDSTONE. | |  | | | | | |
| | 16 | | sp | | | | | | |
| | 17 | ss: SANDSTONE/QUARTZITE fine grained, weathered, white. | |  | | | | | Auger refusal at 16.5' on attempt #2. 16.5'-29' 6" air hammer. |
| 915 | 18 | | | | | | | | |
| | 19 | | | | | | | | |
| | 20 | | | | | | | | Descriptions from drill cuttings. |

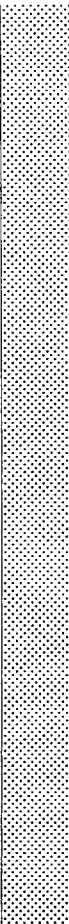

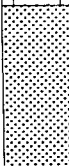
HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW05

Project: Fort McClellan

Geologist: John Hofer

Sheet 5 of 8 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 count (g) | Remarks (h) |
|--------------|--------------|--|---------------------|---|-----------------------------------|---|---------------------------------|-------------------|----------------|
| | 31 | | |  | | | | | |
| | 32 | | | | | | | | |
| 900 | 33 | | | | | | | | |
| | 34 | | | | | | | | |
| | 35 | | | | | | | | |
| | 36 | sm: SAND with Silt, loose, dense. | |  | | | | | |
| | 37 | | | | | | | | |
| 895 | 38 | | sm | | | | | | Soft drilling. |
| | 39 | | | | | | | | |
| | 40 | ss: Weathered SANDSTONE with Silt, some Clay, Quartzite. | |  | | | | | |

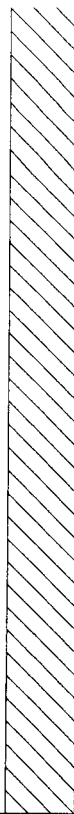
HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW05

Project: Fort McClellan

Geologist: John Hofer

Sheet 8 of 8 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 count (g) | Remarks (h) |
|-----------------------------------|--------------|------------------------------|---------------------|--|-----------------------------------|---|---------------------------------|-------------------|--|
| 870 62 63 64 65 66 | | | cl |  | | | | | Bottom of borehole is 66'. 10" below 1st water. |

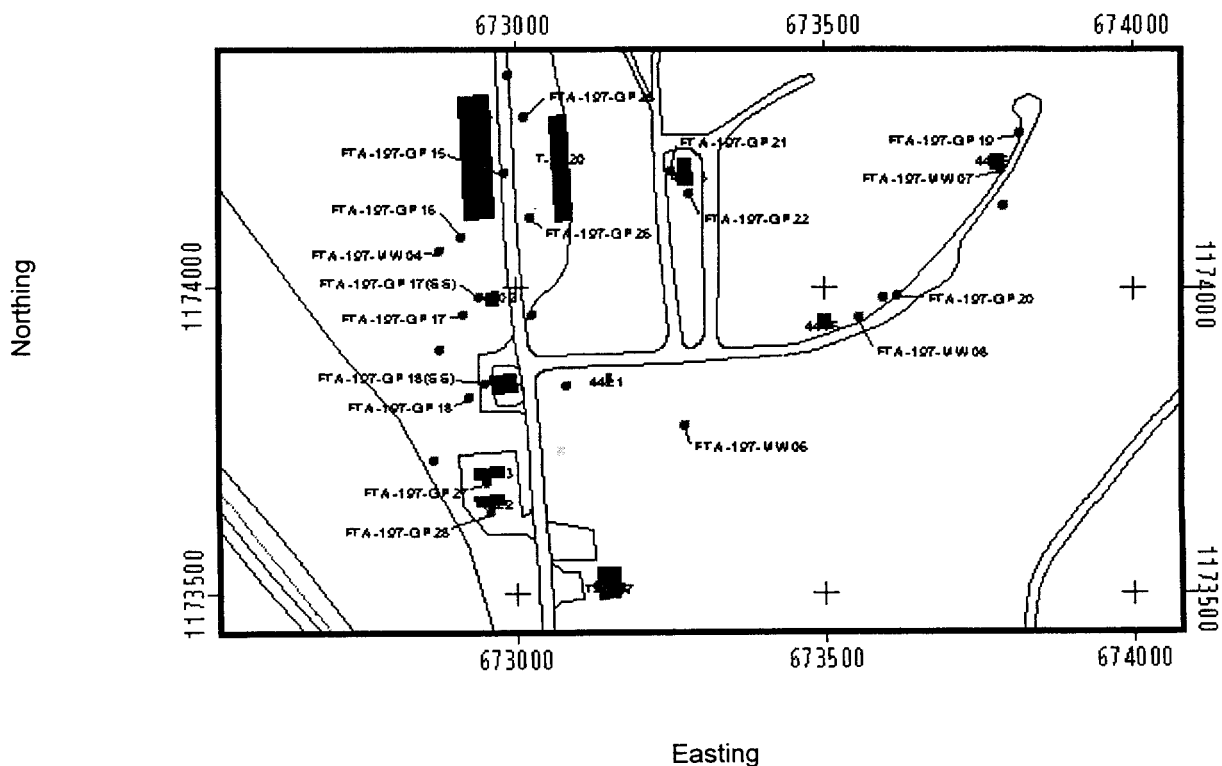
HTRW DRILLING LOG

HOLE NUMBER
FTA-197-MW06

| | | | | | |
|--|--|--|--|-------------------------------------|--|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Miller Drilling | | Sheet 1 of 4 sheets | |
| 3. Project: Fort McClellan | | | 4. Location: Parcel 197 | | |
| 5. Name of driller: Ken Gobell | | | 6. Mfr designation of drill: CME-550 | | |
| 7. Sizes and types of drilling and sampling equipment: Hollow Stem Auger 5'x8.25" augers, 2'x2" split spoons | | | 8. Hole location: FTA-197-MW06 | | |
| | | | 9. Surface elevation (feet above mean sea level): 801.087 | | |
| | | | 10. Date started: 01/11/00 | 11. Date completed: 01/11/00 | |
| 12. Overburden thickness (feet bgs): >30 | | | 15. Depth groundwater encountered (feet bgs): 20 Ft | | |
| 13. Depth drilled into rock (feet bgs): | | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | |
| 14. Total depth of hole (feet bgs): 30 | | | 17. Other water level measurements (specify): | | |

| | | | | | | | | | |
|------------------------------------|--|------------|-----------------|-----------------|--------------|-----------------|------------------------------|--------------------------|--|
| 18. Geotechnical samples: | | Disturbed: | | | Undisturbed: | | 19. Total no. of core boxes: | | |
| 20. Samples for chemical analysis: | | VOC | Metals | Other (specify) | | Other (specify) | Other (specify) | 21. Total core recovery: | |
| | | | | | | | | N/A | |
| 22. Disposition of hole: | | Backfilled | Monitoring well | Other (specify) | | Geologist: | | | |
| | | | X | | | John Hofer | | | |

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: FTA-197-MW06

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW06

Project: Fort McClellan

Geologist: John Hofer

Sheet 4 of 4 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 count (g) | Remarks (h) |
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|-----------------------------------|
| | | sh: Gray, weathered SHALE. | | | | | | | Descriptions from auger cuttings. |
| 780 | 21 | | | | | | | | |
| | 22 | | | | | | | | |
| | 23 | | | | | | | | |
| | 24 | | | | | | | | |
| | 25 | | sh | | | | | | Harder drilling |
| 775 | 26 | | | | | | | | |
| | 27 | | | | | | | | Very moist - wet 27'-30'. |
| | 28 | | | | | | | | |
| | 29 | | | | | | | | |
| | 30 | | | | | | | | Bottom of borehole is 30'. |

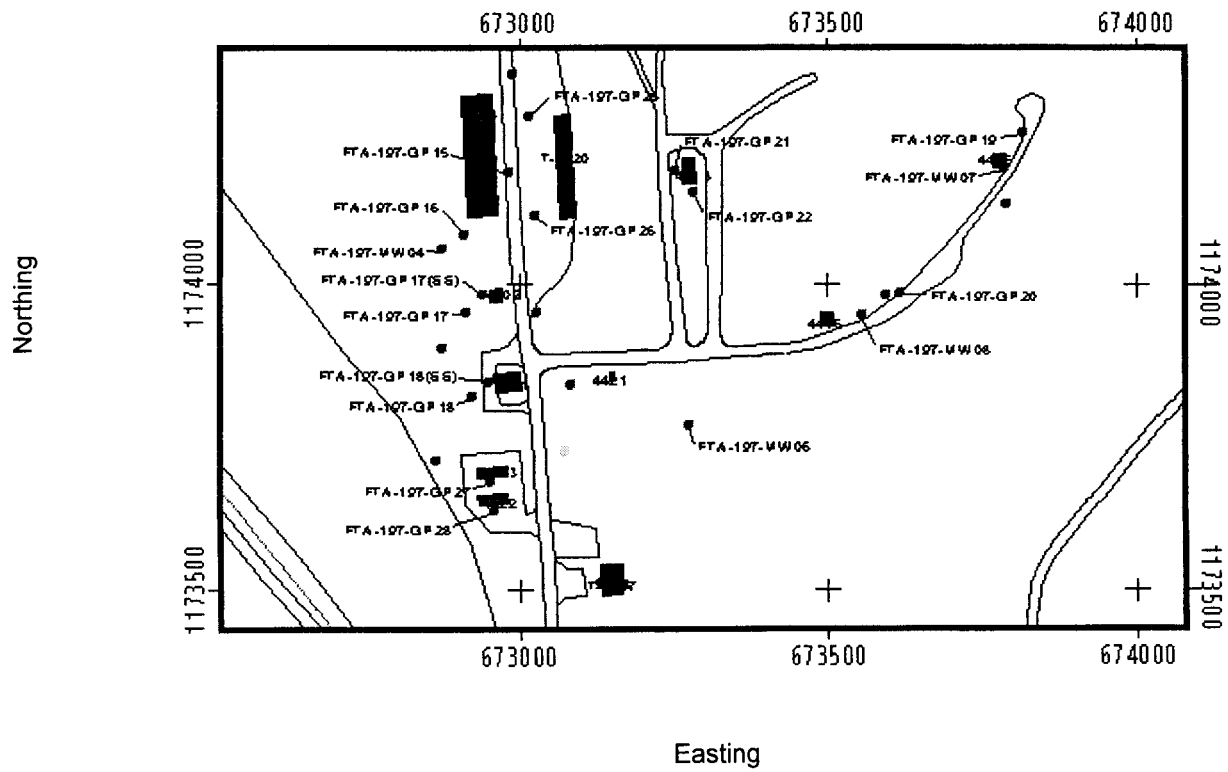
HTRW DRILLING LOG

HOLE NUMBER
FTA-197-MW07

| | | |
|---|--|-------------------------------------|
| 1. Company name: IT Corporation | 2. Drill Subcontractor: Teg and Miller Drilling | Sheet 1 of 10 sheets |
| 3. Project: Fort McClellan | 4. Location: Parcel 197 | |
| 5. Name of driller: McDaniels/Gobell | 6. Mfr designation of drill: Geoprobe/CME-550 | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push, Air Percussion and Air Rotary, Hollow Stem Auger DP-2"x4' acetate-lined sampler HSA- 5'x8.25" augers, 2'x2" split spoons | 8. Hole location Sand downgradient of igloo | |
| | 9. Surface elevation (feet above mean sea level): 847.821 | |
| | 10. Date started: 12/07/00 | 11. Date completed: 01/13/00 |
| 12. Overburden thickness (feet bgs): >89 | 15. Depth groundwater encountered (feet bgs): 79 Ft | |
| 13. Depth drilled into rock (feet bgs): | 16. Depth to water and elapsed time after drilling completed (feet bgs): | |
| 14. Total depth of hole (feet bgs): 89 | 17. Other water level measurements (specify): | |

| | | | | | |
|------------------------------------|------------|-----------------|------------------------------|--|--------------------------|
| 18. Geotechnical samples: | Disturbed: | Undisturbed: | 19. Total no. of core boxes: | | |
| 20. Samples for chemical analysis: | VOC | Metals | Other (specify) | Other (specify) | 21. Total core recovery: |
| | X | X | OP/CL Pest | OP/CL Herb | PCBs |
| | | | | | N/A |
| 22. Disposition of hole: | Backfilled | Monitoring well | Other (specify) | Geologist: James Dendy & John Hofer | |
| | | X | | | |

LOCATION SKETCH/COMMENTS:



HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW07

Project: Fort McClellan

Geologist: James Dendy & John Hofer

Sheet 5 of 10 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 count (g) | Remarks (h) |
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|-------------|
| | 31 | | | | | | | | |
| | 32 | | | | | | | | |
| 815 | 33 | | | | | | | | |
| | 34 | | sh | | | | | | |
| | 35 | | | | | | | | |
| | 36 | | | | | | | | |
| | 37 | | | | | | | | |
| 810 | 38 | | | | | | | | |
| | 39 | | | | | | | | |
| | 40 | sh: Black SHALE, dry. | | | | | | | |

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW07

Project: Fort McClellan

Geologist: James Dendy & John Hofer

Sheet 6 of 10 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 count (g) | Remarks (h) |
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--------------------|
| 41 | | | | | | | | | |
| 42 | | | | | | | | | |
| 805 | 43 | | | | | | | | |
| 44 | | | | | | | | | Very hard drilling |
| 45 | | | | | | | | | |
| 46 | | | | | | | | | |
| 47 | | | | | | | | | |
| 800 | 48 | | | | | | | | |
| 49 | | | | | | | | | |
| 50 | | | sh | | | | | | |

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW07

Project: Fort McClellan

Geologist: James Dendy & John Hofer

Sheet 7 of 10 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 count (g) | Remarks (h) |
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|-------------|
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|-------------|

| | | | | | | | | | |
|-----|----|------------------------------------|--|--|--|--|--|--|--|
| 51 | | | | | | | | | |
| 52 | | | | | | | | | |
| 795 | 53 | | | | | | | | |
| | 54 | | | | | | | | Auger refusal at 55'. Air-hammer 55'-84', very hard. |
| | 55 | | | | | | | | |
| | 56 | | | | | | | | |
| | 57 | | | | | | | | |
| 790 | 58 | | | | | | | | |
| | 59 | | | | | | | | Very hard, dry. |
| | 60 | sh: Black, thin bedded SHALE, dry. | | | | | | | Chatter, hard drilling. Driller adding water. |

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW07

Project: Fort McClellan

Geologist: James Dendy & John Hofer

Sheet 10 of 10 sheets

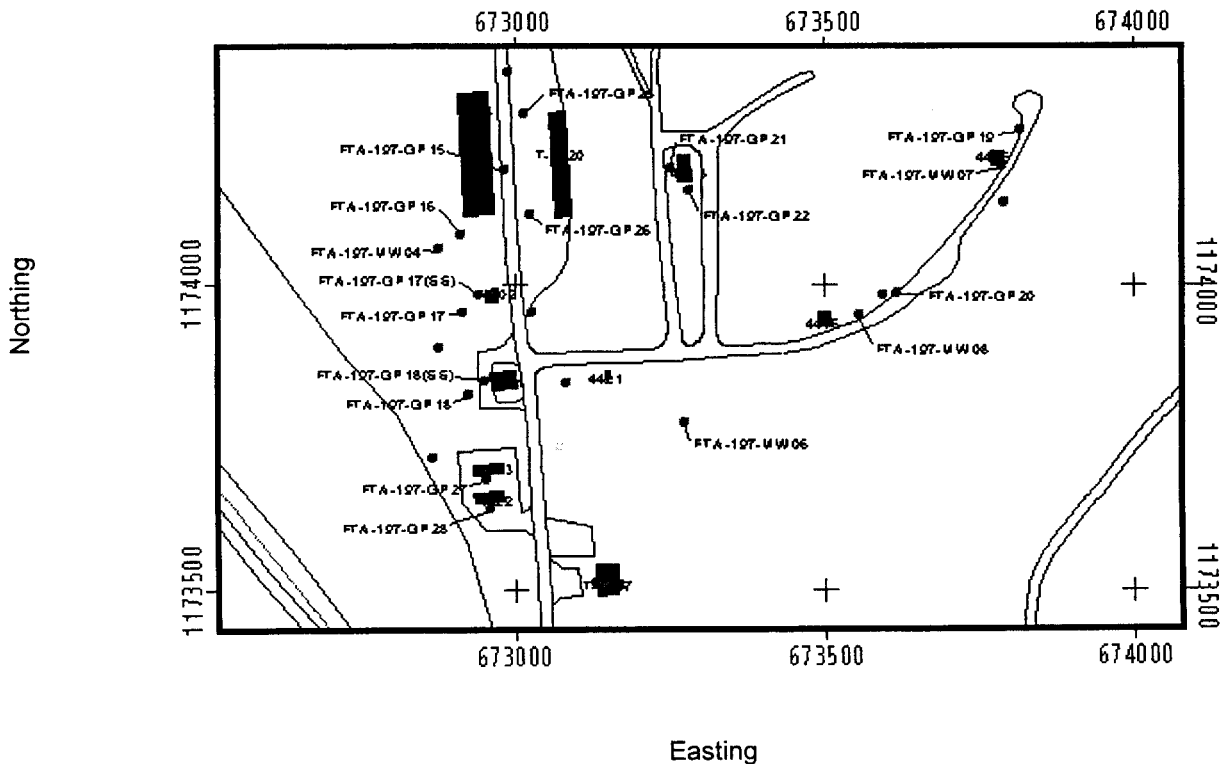
| Elev. (a) | Depth (b) | Description of Materials (c) | USCS / Lithology | Graphic | Field screening results (d) | Geotech sample or core box no. (e) | Analytical sample no. (f) | Blow count (g) | Remarks (h) |
|-----------|-----------|------------------------------|------------------|---------|-----------------------------|------------------------------------|---------------------------|----------------|--|
| 81 | | | | | | | | | |
| 82 | | | | | | | | | |
| 765 | | | | | | | | | |
| 83 | | | | | | | | | |
| 84 | | NA: No description provided. | | | | | | | Borehole collapsed to 41', to be bored out with large capacity air rig |
| 85 | | | | | | | | | |
| 86 | | | | | | | | | |
| 87 | | | NA | | | | | | |
| 760 | | | | | | | | | |
| 88 | | | | | | | | | |
| 89 | | | | | | | | | Bottom of borehole is 89', after being drilled out on 2/14/2000. |

HTRW DRILLING LOG

HOLE NUMBER
FTA-197-MW08

| | | | | | |
|--|--|--|--|--------------------------|--|
| 1. Company name: IT Corporation | | 2. Drill Subcontractor: Teg and Miller Drilling | | Sheet 1 of 7 sheets | |
| 3. Project: Fort McClellan | | | 4. Location: Parcel 197 | | |
| 5. Name of driller: McDaniels/Gobell | | | 6. Mfr designation of drill: Geoprobe/CME-550 | | |
| 7. Sizes and types of drilling and sampling equipment: Direct Push, Hollow Stem Auger DP-2"x4' acetate-lined sampler HSA- 5'x8.25" augers, 2'x2" split spoons | | | 8. Hole location Sand downgradient of igloo | | |
| | | | 9. Surface elevation (feet above mean sea level): 819.860 | | |
| 12. Overburden thickness (feet bgs): >54 | | | 15. Depth groundwater encountered (feet bgs): 42 Ft | | |
| 13. Depth drilled into rock (feet bgs): | | | 16. Depth to water and elapsed time after drilling completed (feet bgs): | | |
| 14. Total depth of hole (feet bgs): 54 | | | 17. Other water level measurements (specify): | | |
| 18. Geotechnical samples: | | Disturbed: | | Undisturbed: | |
| 19. Total no. of core boxes: | | 20. Samples for chemical analysis: | | 21. Total core recovery: | |
| | | VOC | | Metals | |
| | | X | | X | |
| | | Other (specify) | | Other (specify) | |
| | | CL/OP Pest | | CL/OP Herb | |
| | | Other (specify) | | PCBs | |
| | | Other (specify) | | N/A | |
| 22. Disposition of hole: | | Backfilled | | Monitoring well | |
| | | X | | Other (specify) | |
| | | | | Geologist: | |
| | | | | James Dendy & John Hofer | |

LOCATION SKETCH/COMMENTS:



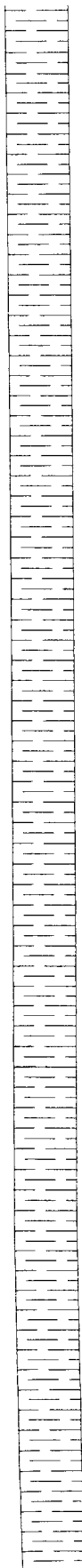
HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW08

Project: Fort McClellan

Geologist: James Dendy & 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 count (g) | Remarks (h) |
|--------------|--------------|---|---------------------|--|-----------------------------------|---|---------------------------------|-------------------|-----------------------------|
| | 31 | | sh |  | | | | | |
| | 32 | | | | | | | | |
| | 33 | | | | | | | | |
| | 34 | | | | | | | | |
| 785 | 35 | | | | | | | | Drilling getting harder. |
| | 36 | | | | | | | | |
| | 37 | sh: Black, slightly weathered SHALE, moist. | | | | | | | |
| | 38 | | | | | | | | |
| | 39 | | | | | | | | |
| 780 | 40 | | | | | | | | Descriptions from cuttings, |

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: FTA-197-MW08

Project: Fort McClellan

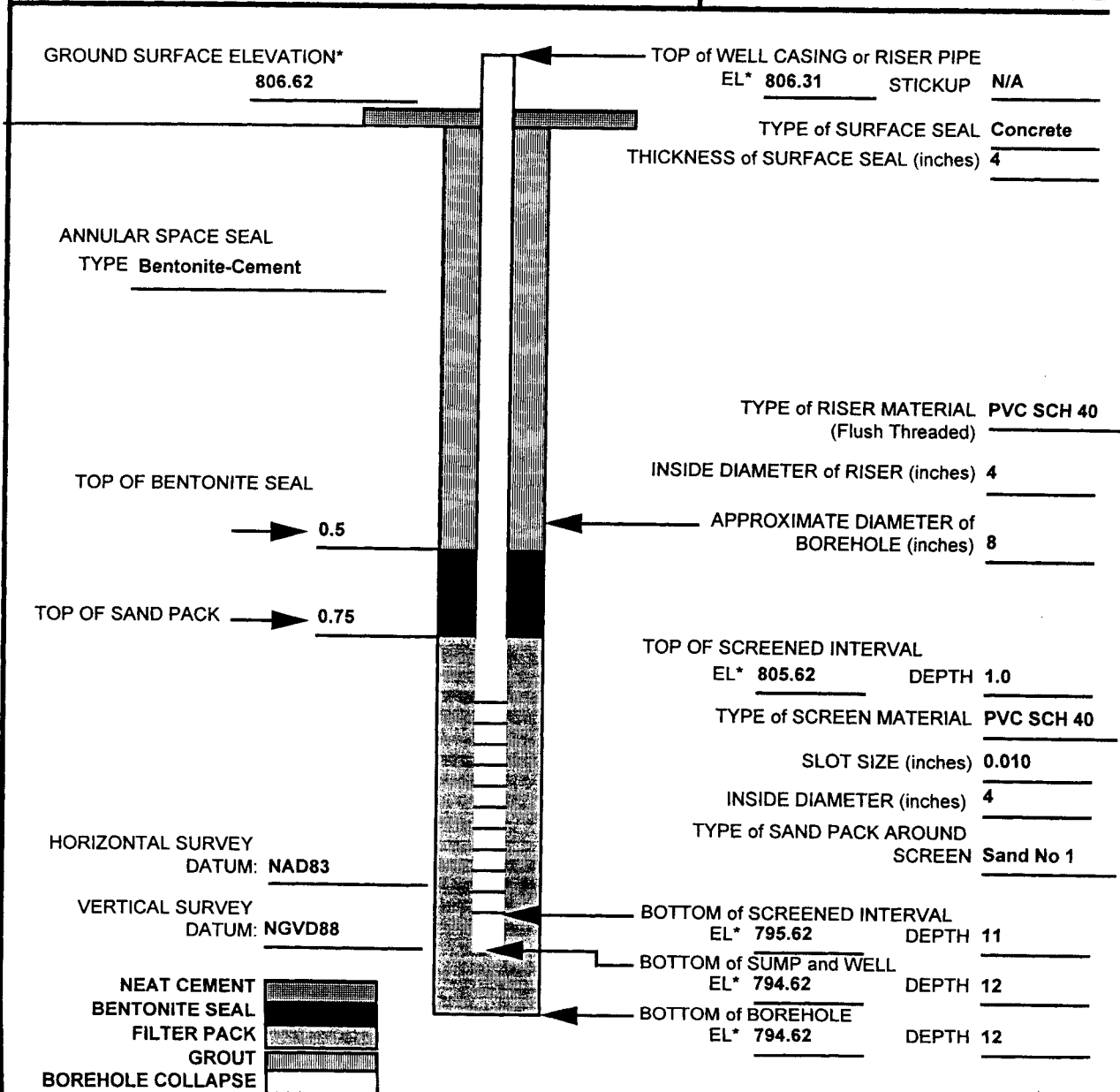
Geologist: James Dendy & John Hofer

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 count (g) | Remarks (h) |
|--------------|--------------|------------------------------|---------------------|---------|-----------------------------------|---|---------------------------------|-------------------|---|
| 51 | | | | | | | | | |
| 52 | | | | | | | | | |
| 53 | | | | | | | | | |
| 54 | | | | | | | | | Bottom of borehole is 54'. More than 10' below 1st water. |

MONITORING WELL INSTALLATION DETAIL

| | |
|---|---|
| PROJECT: Fort McClellan, SAD TERC | WELL NO: FTA-197-MW01 |
| LOCATION: Anniston, AL | DRILLING METHOD: Hollow Stem Auger |
| CLIENT: USACE Mobile District | INSTALLATION DATE: 01/26/00 |
| CONTRACTOR: Miller Drilling | NORTHING: 1175242.99 |
| DRILLER: Ken Gobell | EASTING: 674134.21 |
| IT FIELD REPRESENTATIVE: James Dendy | JOB NO: 774645A |



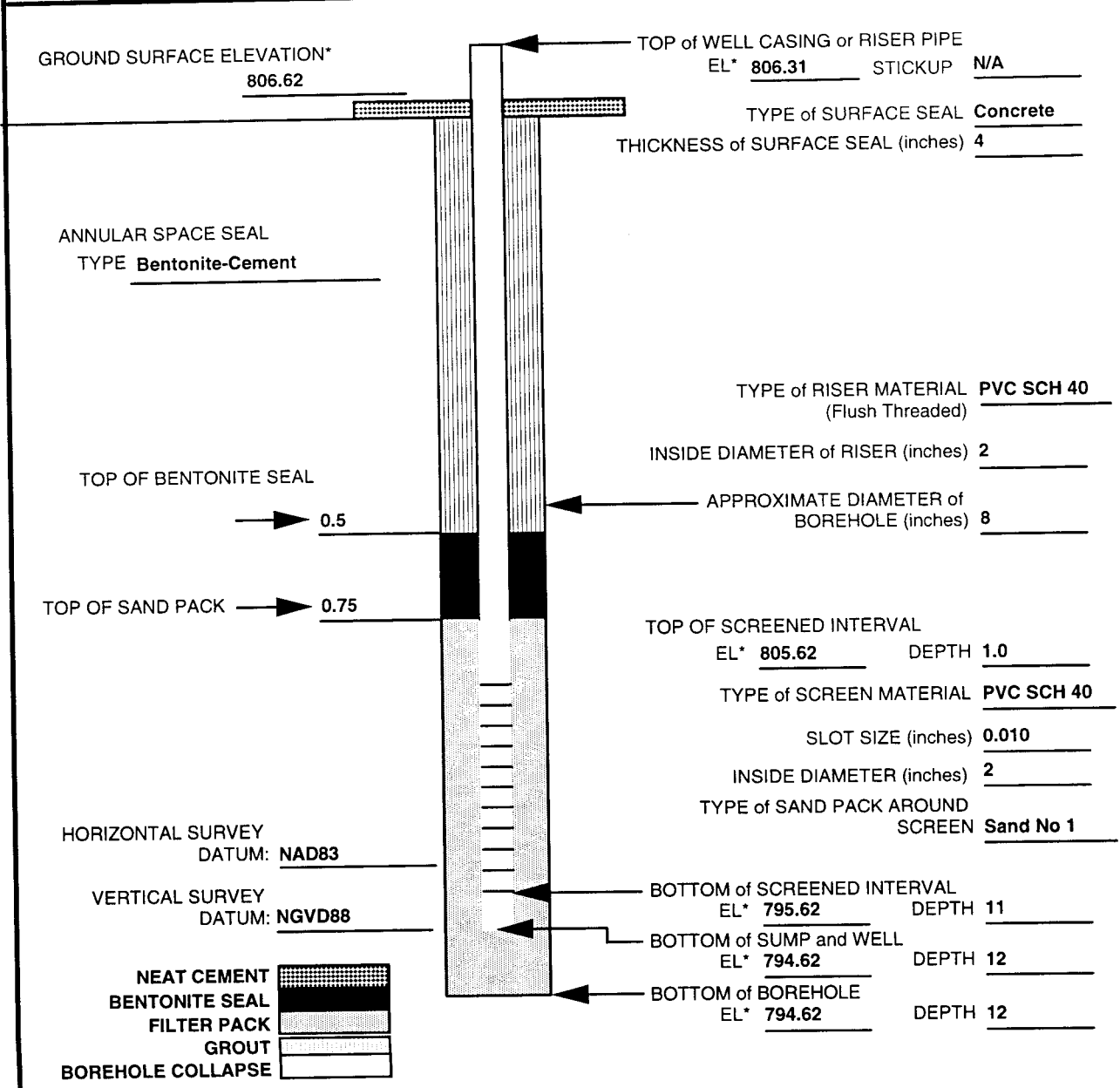
*All elevations (EL) are referenced to MSL.
 All depths and heights are given in feet and are referenced to the ground surface.

WELL CONSTRUCTION LOGS

MONITORING WELL INSTALLATION DETAIL

PROJECT: Fort McClellan, SAD TERC
LOCATION: Anniston, AL
CLIENT: USACE Mobile District
CONTRACTOR: Miller Drilling
DRILLER: Ken Gobell
IT FIELD REPRESENTATIVE: James Dendy

WELL NO: FTA-197-MW01
DRILLING METHOD: Hollow Stem Auger
INSTALLATION DATE: 01/26/00
NORTHING: 1175242.99
EASTING: 674134.21
JOB NO: 774645A

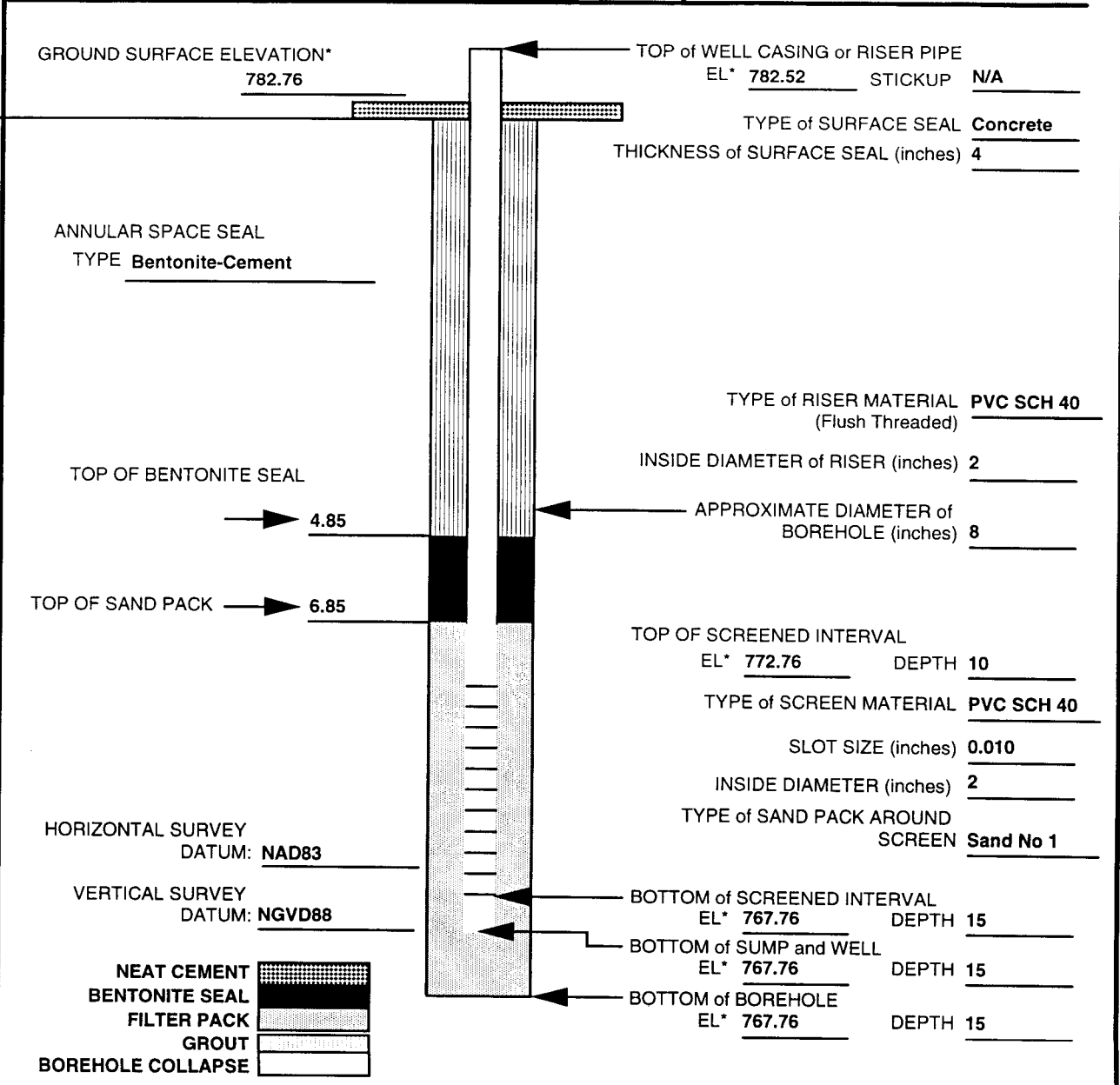


*All elevations (EL) are referenced to MSL.

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

MONITORING WELL INSTALLATION DETAIL

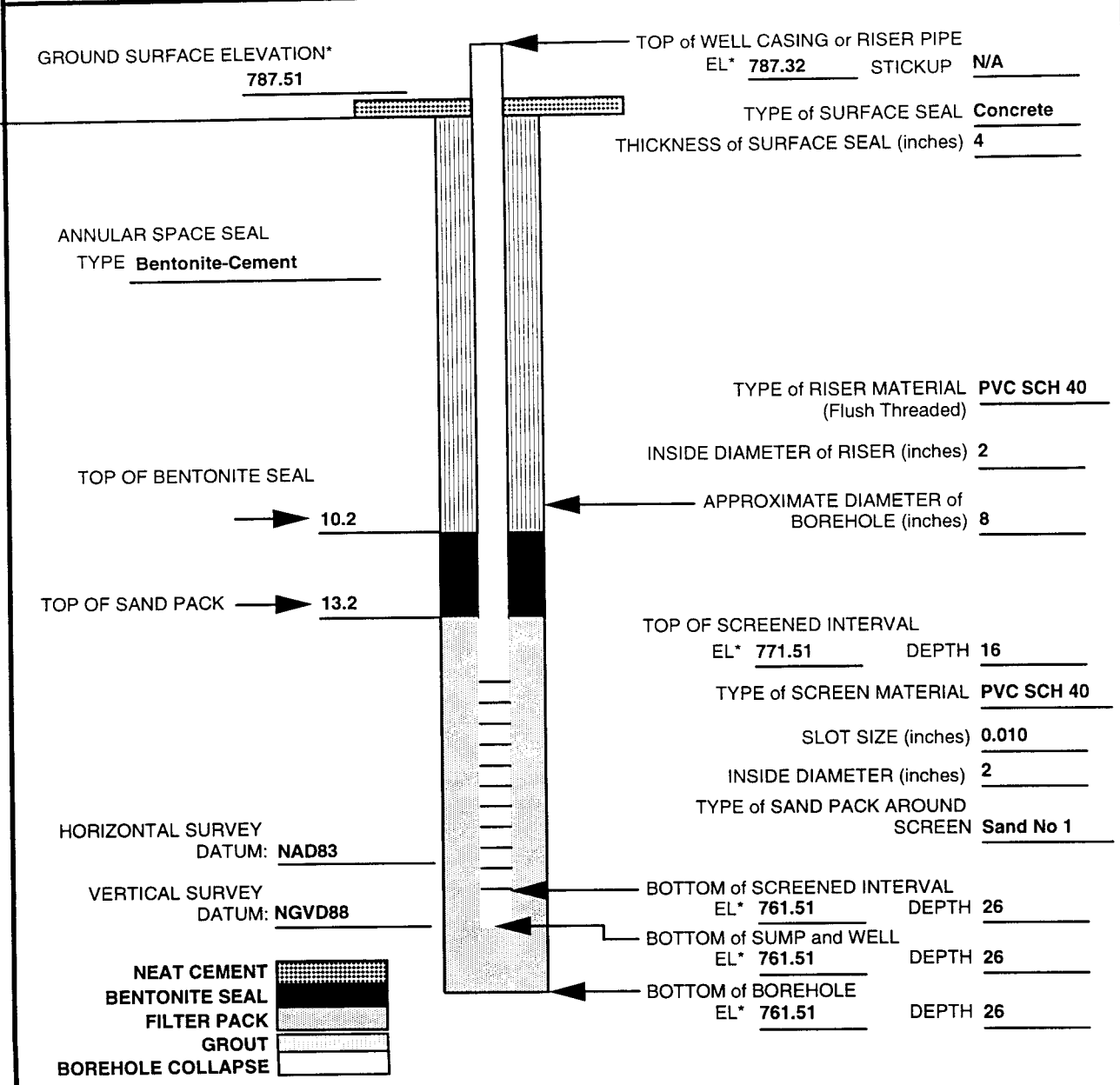
| | |
|--|---|
| PROJECT: <u>Fort McClellan, SAD TERC</u> | WELL NO: <u>FTA-197-MW02</u> |
| LOCATION: <u>Anniston, AL</u> | DRILLING METHOD: <u>Hollow Stem Auger</u> |
| CLIENT: <u>USACE Mobile District</u> | INSTALLATION DATE: <u>01/26/00</u> |
| CONTRACTOR: <u>Miller Drilling</u> | NORTHING: <u>1174968.81</u> |
| DRILLER: <u>Ken Gobell</u> | EASTING: <u>673040.86</u> |
| IT FIELD REPRESENTATIVE: <u>James Dendy</u> | JOB NO: <u>774645A</u> |



*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: <u>Fort McClellan, SAD TERC</u> LOCATION: <u>Anniston, AL</u> CLIENT: <u>USACE Mobile District</u> CONTRACTOR: <u>Miller Drilling Co.</u> DRILLER: <u>Ken Gobell</u> IT FIELD REPRESENTATIVE: <u>James Dendy</u> | WELL NO: <u>FTA-197-MW03</u> DRILLING METHOD: <u>Hollow Stem Auger</u> INSTALLATION DATE: <u>01/25/00</u> NORTHING: <u>1174522.44</u> EASTING: <u>672850.35</u> JOB NO: <u>774645A</u> |
|--|---|

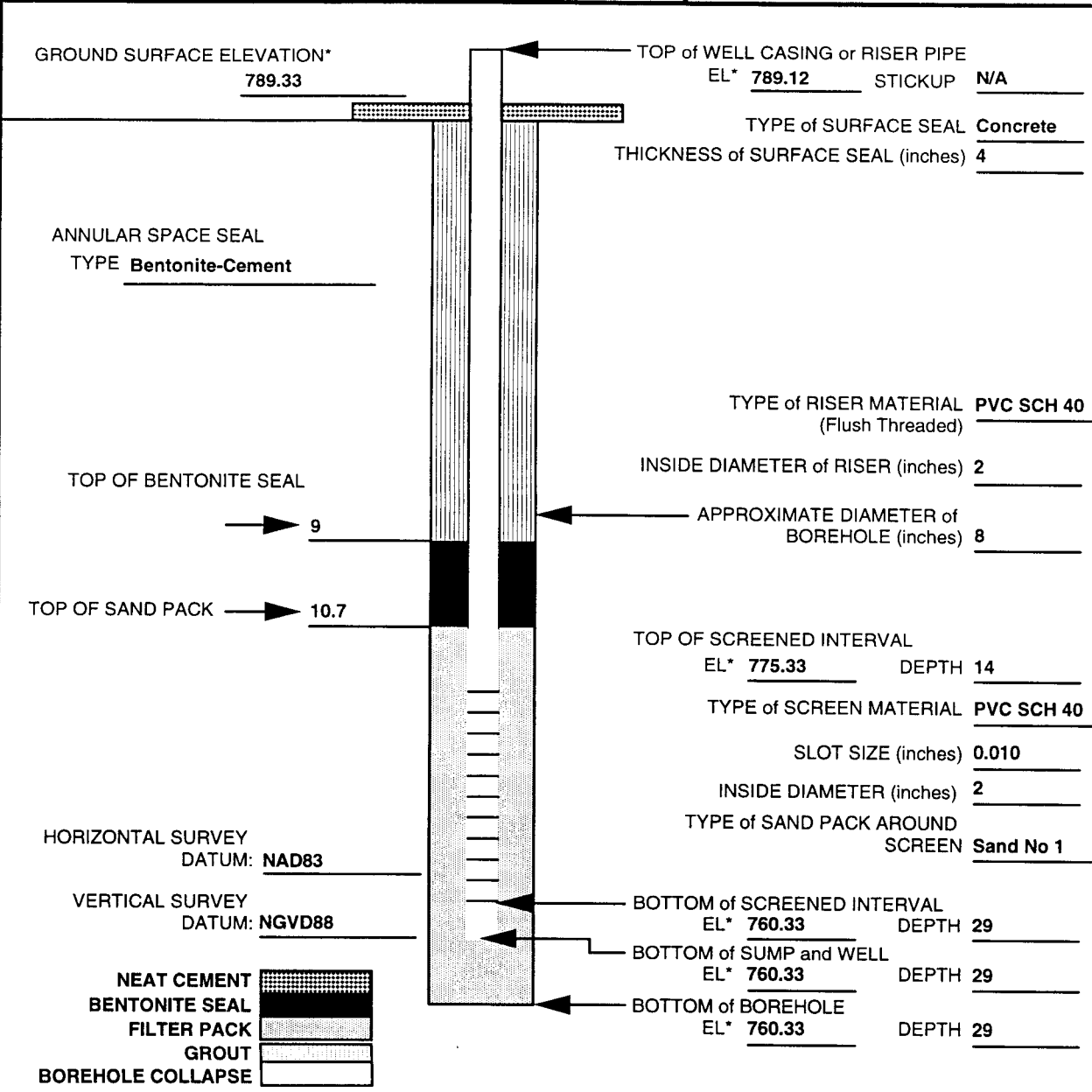


*All elevations (EL) are referenced to MSL.

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

MONITORING WELL INSTALLATION DETAIL

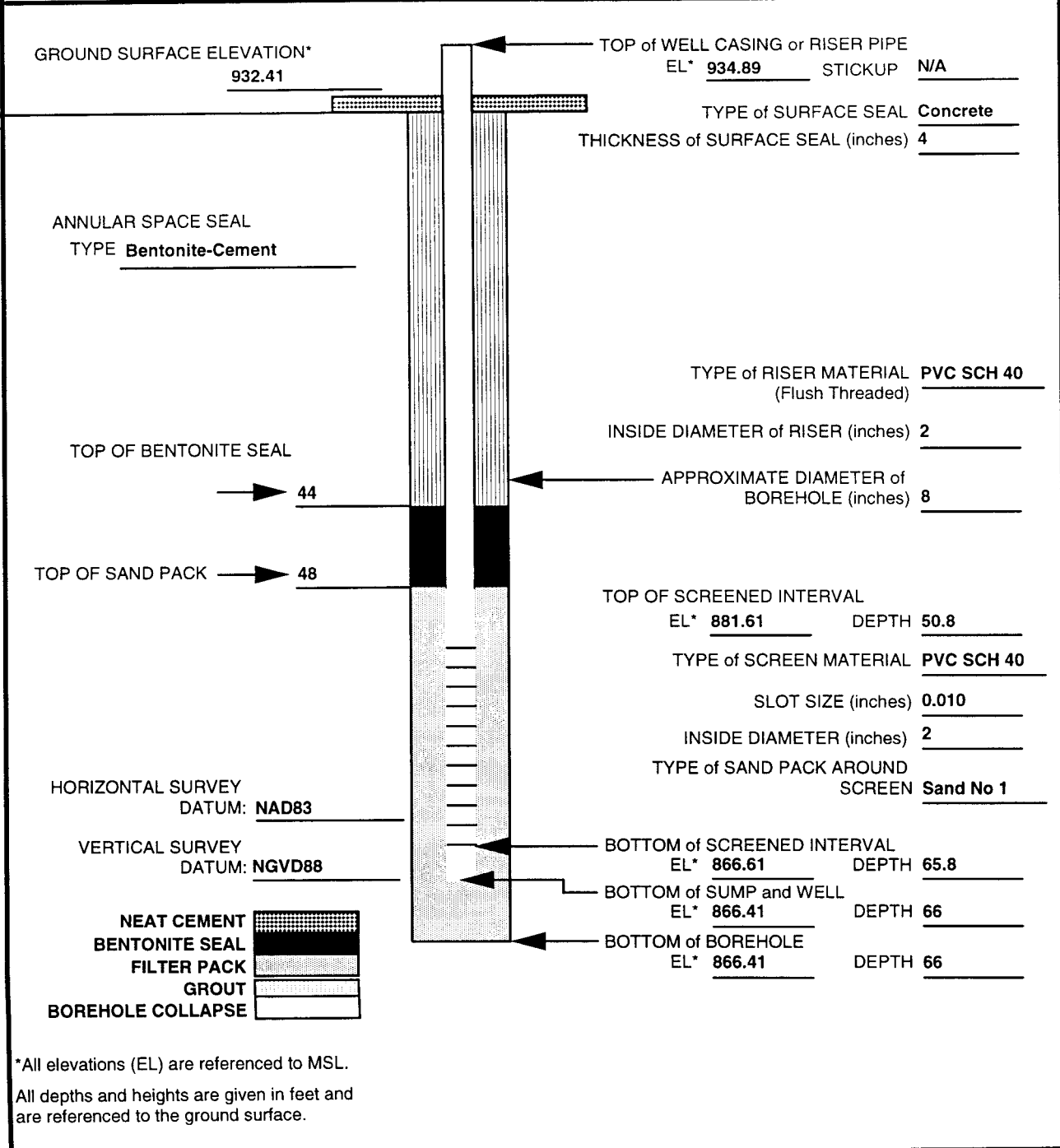
| | |
|--|---|
| PROJECT: <u>Fort McClellan, SAD TERC</u> | WELL NO: <u>FTA-197-MW04</u> |
| LOCATION: <u>Anniston, AL</u> | DRILLING METHOD: <u>Hollow Stem Auger</u> |
| CLIENT: <u>USACE Mobile District</u> | INSTALLATION DATE: <u>01/25/00</u> |
| CONTRACTOR: <u>Miller Drilling Co.</u> | NORTHING: <u>1174054.2</u> |
| DRILLER: <u>Ken Gobell</u> | EASTING: <u>672872.18</u> |
| IT FIELD REPRESENTATIVE: <u>James Dendy</u> | JOB NO: <u>774645A</u> |



*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: <u>Fort McClellan, SAD TERC</u> LOCATION: <u>Anniston, AL</u> CLIENT: <u>USACE Mobile District</u> CONTRACTOR: <u>Miller Drilling Co.</u> DRILLER: <u>Kevin Thomas</u> IT FIELD REPRESENTATIVE: <u>John Hofer</u> | WELL NO: <u>FTA-197-MW05</u> DRILLING METHOD: <u>Hollow Stem Auger</u> INSTALLATION DATE: <u>02/17/00</u> NORTHING: <u>1174621.74</u> EASTING: <u>673959.74</u> JOB NO: <u>774645A</u> |
|---|---|

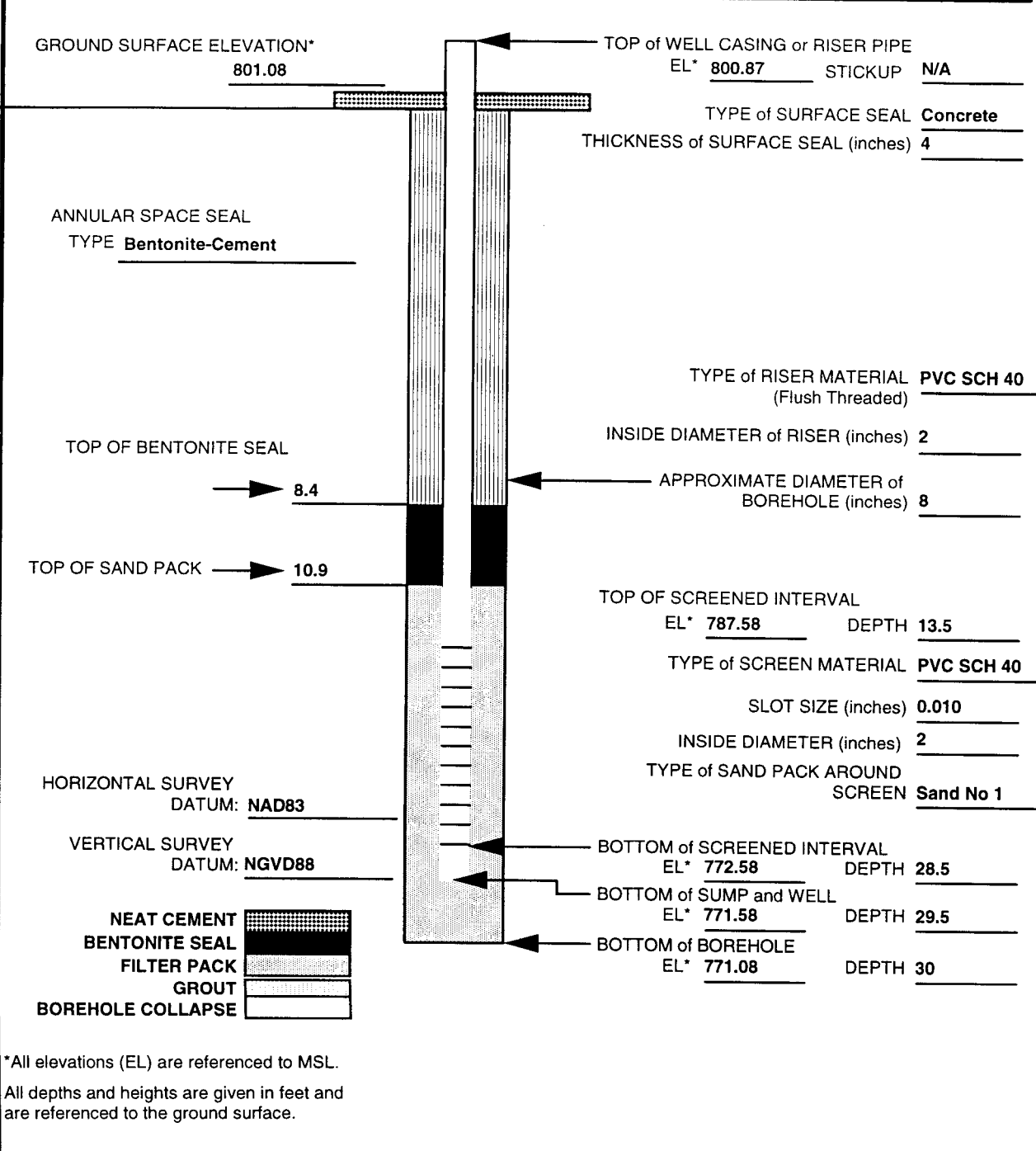


*All elevations (EL) are referenced to MSL.

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

MONITORING WELL INSTALLATION DETAIL

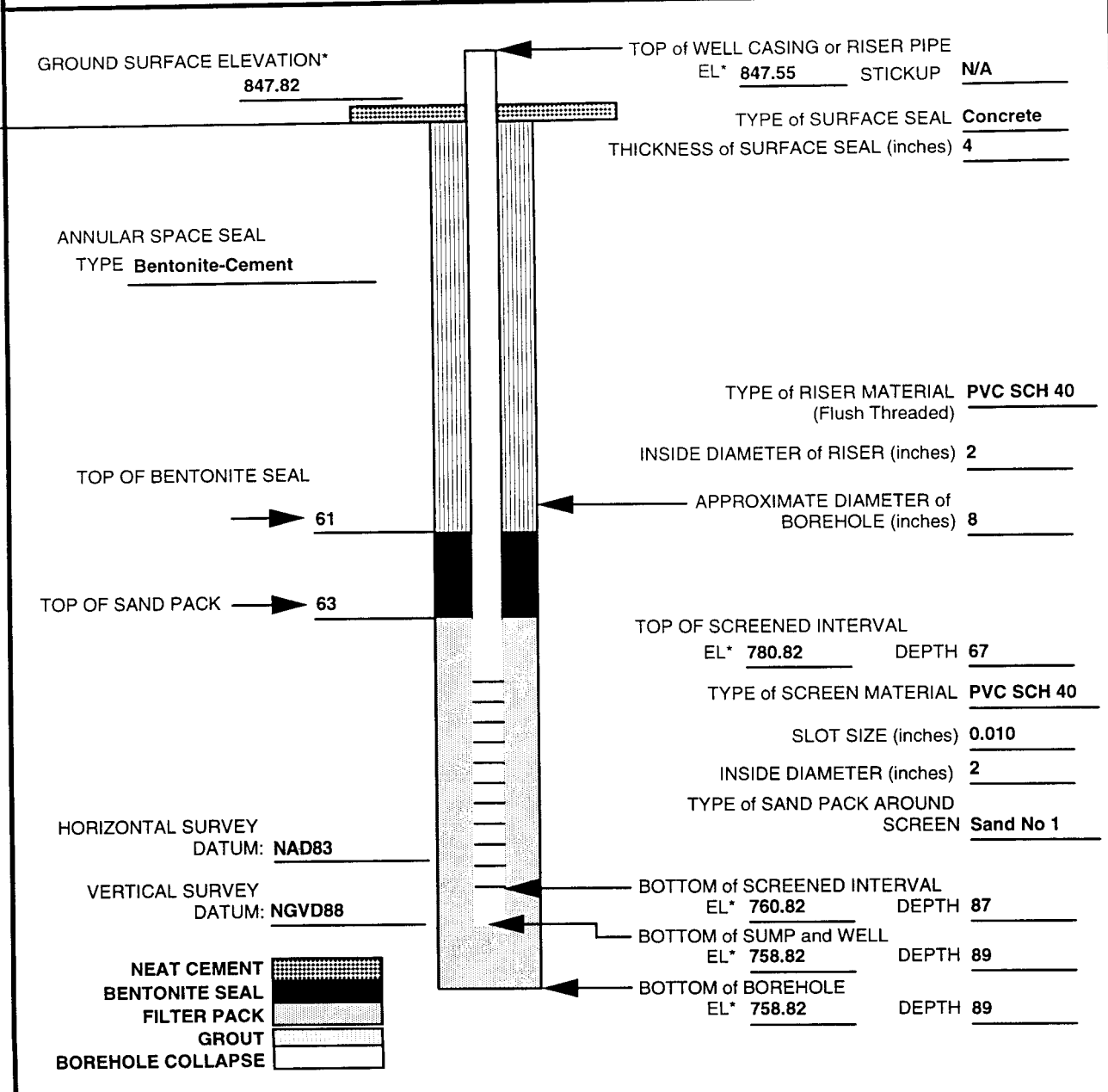
| | |
|--|---|
| PROJECT: Fort McClellan, SAD TERC | WELL NO: FTA-197-MW06 |
| LOCATION: Anniston, AL | DRILLING METHOD: Hollow Stem Auger |
| CLIENT: USACE Mobile District | INSTALLATION DATE: 01/11/00 |
| CONTRACTOR: Miller Drilling Co. | NORTHING: 1173772.56 |
| DRILLER: Kevin Thomas | EASTING: 673273.07 |
| IT FIELD REPRESENTATIVE: John Hofer | JOB NO: 774645A |



*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

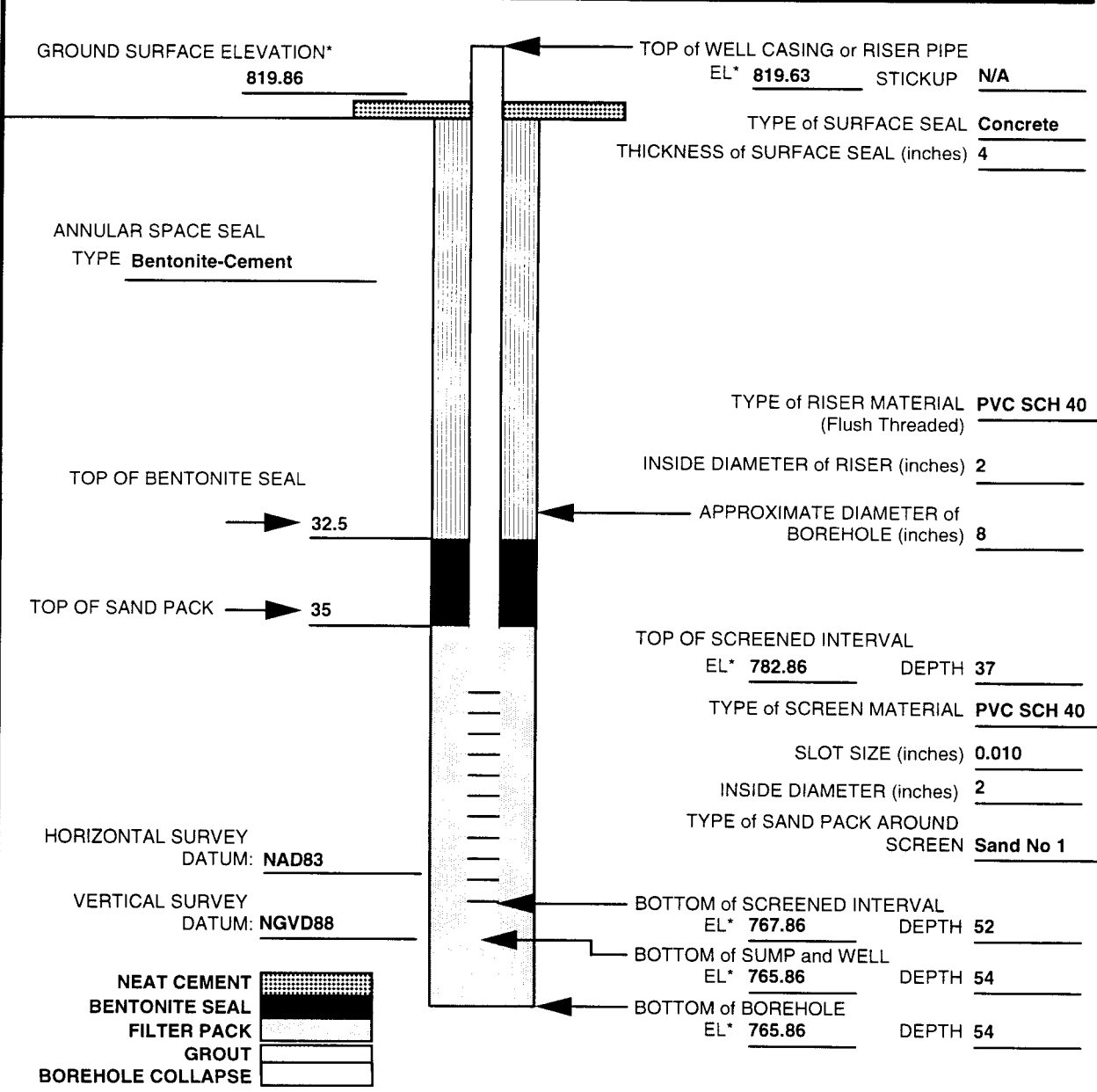
| | |
|--|--|
| PROJECT: Fort McClellan, SAD TERC | WELL NO: FTA-197-MW07 |
| LOCATION: Anniston, AL | DRILLING METHOD: Hollow Stem Auger |
| CLIENT: USACE Mobile District | INSTALLATION DATE: 02/14/00 |
| CONTRACTOR: Miller Drilling Co. | NORTHING: 1174188.6 |
| DRILLER: Kevin Thomas | EASTING: 673785.44 |
| IT FIELD REPRESENTATIVE: John Hofer | JOB NO: 774645A |



*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: <u>Fort McClellan, SAD TERC</u> | WELL NO: <u>FTA-197-MW08</u> |
| LOCATION: <u>Anniston, AL</u> | DRILLING METHOD: <u>Hollow Stem Auger</u> |
| CLIENT: <u>USACE Mobile District</u> | INSTALLATION DATE: <u>01/12/00</u> |
| CONTRACTOR: <u>Miller Drilling Co.</u> | NORTHING: <u>1173947.7</u> |
| DRILLER: <u>Ken Gobell</u> | EASTING: <u>673554.77</u> |
| IT FIELD REPRESENTATIVE: <u>John Hofer</u> | JOB NO: <u>774645A</u> |



*All elevations (EL) are referenced to MSL.
 All depths and heights are given in feet and are referenced to the ground surface.