# APPENDIX A

# TRENCH LOGS

# TRENCH LOG

Trench Number: PPMP-231-T231-1

| | | |
|---|---|---|
| Company Name: IT Group | District: Mobile USACE | Sheet 1 of 2 Sheet(s) |
| Project: Fort McClellan Landfill / Fill Area Investigations | Location: Calhoun County, Alabama | |
| Name of Equipment Operator: Peter Bossiere | Manufacturer's Designation of Heavy Equipment: Komatsu PLC 250 | |
| Sizes and Types of Equipment Used: Remote controlled excavator ~~Komatsu~~ Bucket on excavator is 3' wide x 5' tall | Trench Location: T231-1 | |
| | Surface Elevation: TBD | |
| Level of PPE required: Level C | Date Started: 10/18/00 | Date Completed: 10/18/00 |
| Overburden Thickness: N/A | Depth Groundwater Encountered: N/A | |
| Depth Rock Encountered: N/A | Depth of Trench: ≈ 4.0' bgs | Trench Length: 50.0' |
| Disposition of Trench: — | Backfilled: X | Signature of Geologist: Jammie Dendy |

Deviations made due to problems encountered while trenching: None

Landfill/Fill Area Location Sketch/Comments — Scale: (not to scale)

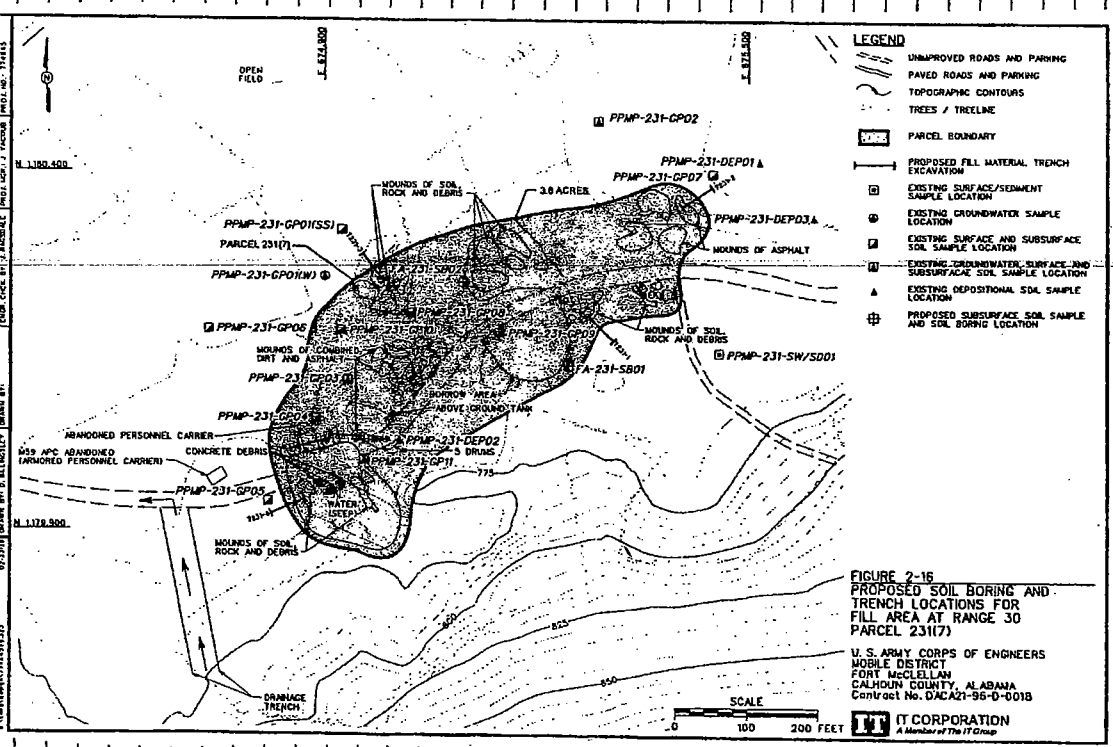
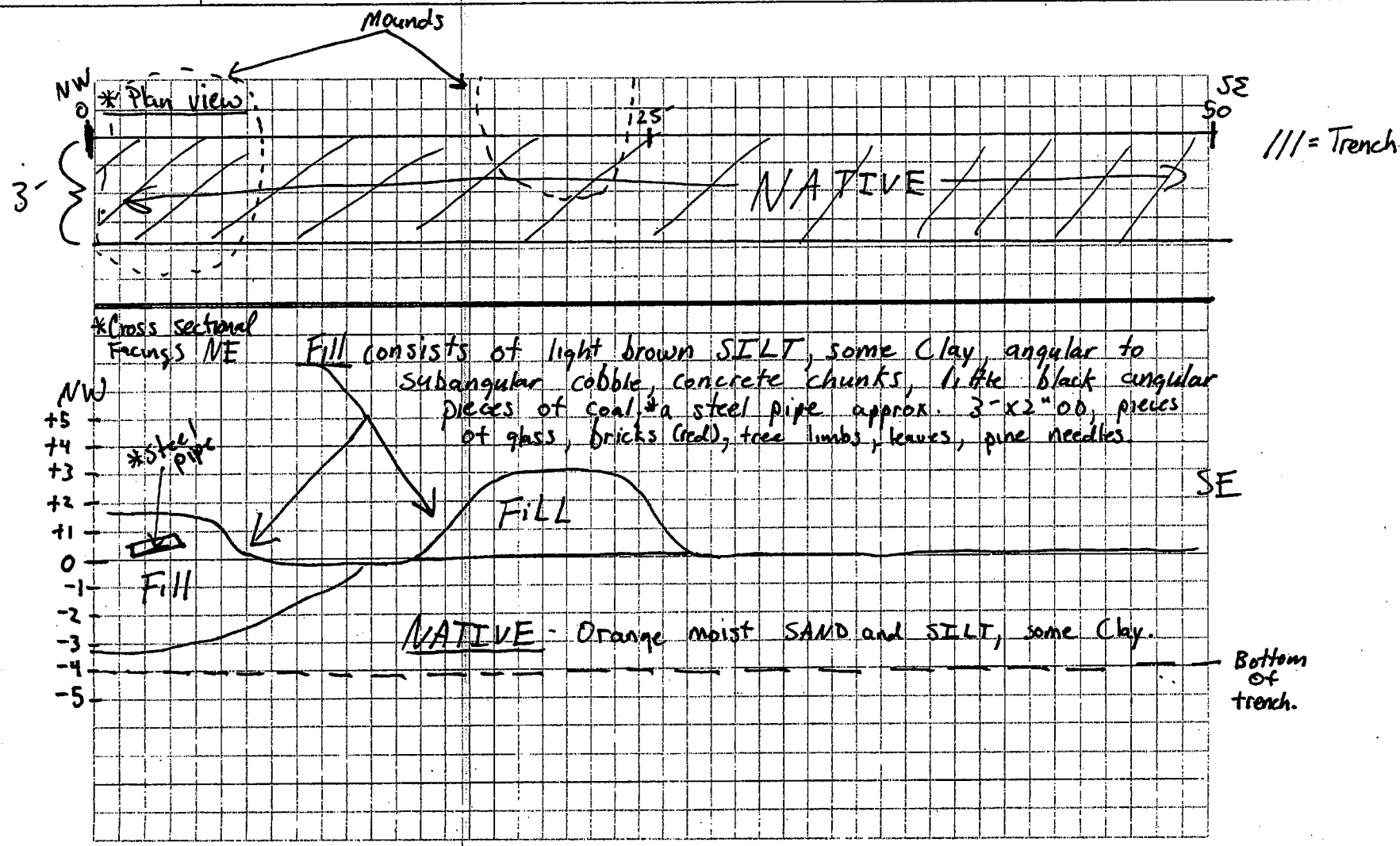



FIGURE 2-16
PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA AT RANGE 30 PARCEL 231(7)
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

Project: Fort McClellan Landfill / Fill Area Investigations — Trench Number: PPMP-231-T231-1

N/A = Not Applicable.

| Test Pit Classification Log | Project: Fort McClellan, SAD TERC<br>Parcel# PPMP-231-T231-1<br>Date: 10/18/00<br>* Provide Sketch of Sidewall<br>Geologist: James Dendy | Trench Location: PPMP-231-T231-1<br>Equipment used: Remote Controlled excavator. (1 bucket = 3' x 5') | Page 2 of 2 Pages<br>Excavation size: 50' X 3' X ~~3.90~~ 4.88 ~~585~~ 731 ft³<br>Length Width Depth Volume |
|---|---|---|---|



# TRENCH LOG

Trench Number: PPMP-231-T231-2

| | |
|---|---|
| Company Name | IT Group |
| District | Mobile USACE |
| Sheet | 1 of 2 Sheet(s) |
| Project | Fort McClellan Landfill / Fill Area Investigations |
| Location | Calhoun County, Alabama |
| Name of Equipment Operator | Peter Bossiere |
| Manufacturer's Designation of Heavy Equipment | Komatsu PLC 250 |
| Sizes and Types of Equipment Used | Remote controlled excavator ~~Komatsu~~ Bucket on excavator is 3' wide x 5' tall |
| Trench Location | T231-2 |
| Surface Elevation | TBD |
| Level of PPE required | Level C |
| Date Started | 10/23/00 |
| Date Completed | 10/23/00 |
| Overburden Thickness | |
| Depth Groundwater Encountered | N/A |
| Depth Rock Encountered | N/A |
| Depth of Trench | avg of 6.0' bgs |
| Trench Length | 38' |
| Disposition of Trench | |
| Backfilled | X |
| Signature of Geologist | Sammie Bendy |

Deviations made due to problems encountered while trenching

None

Landfill/Fill Area Location Sketch/Comments — Scale: (not to scale)

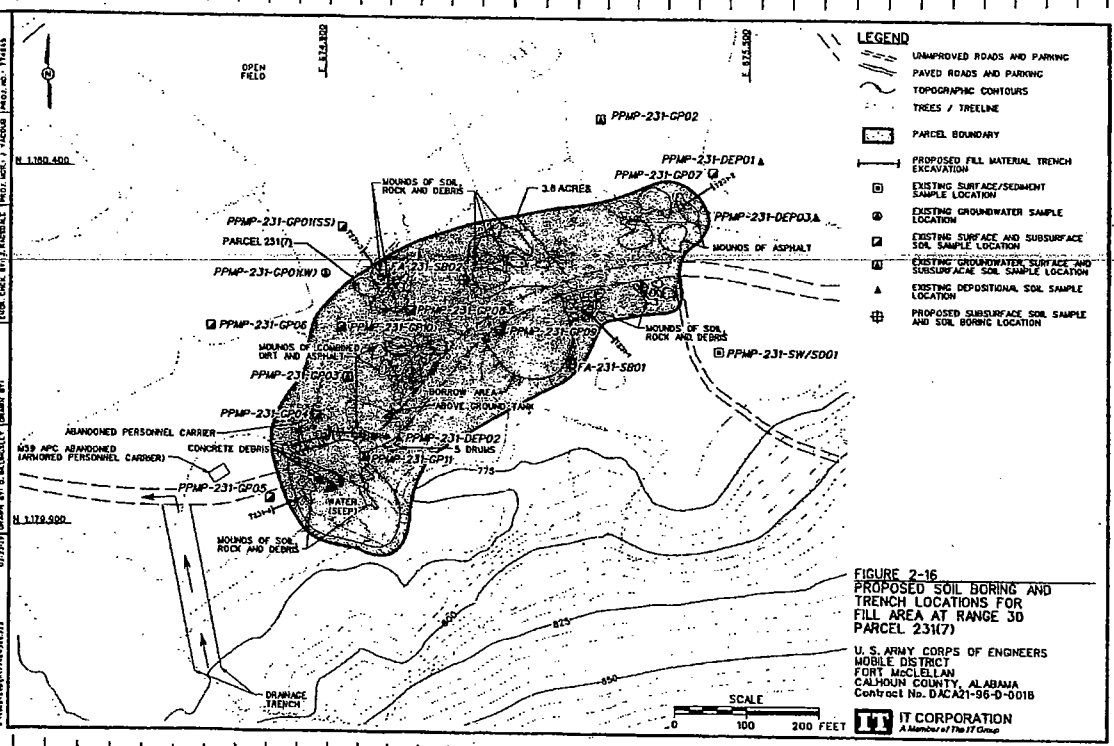


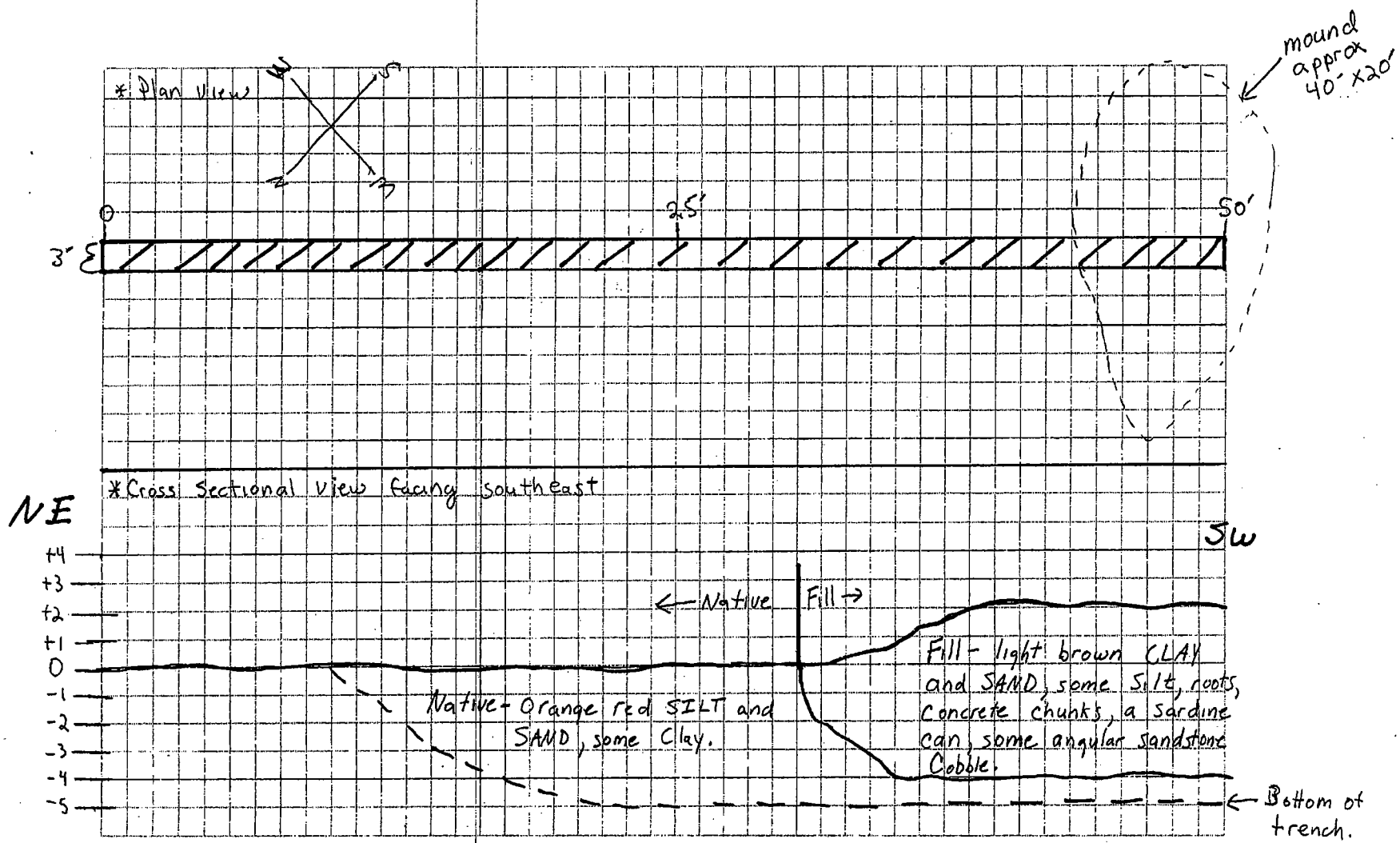

FIGURE 2-16
PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA AT RANGE 30 PARCEL 231(7)

U. S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

| | |
|---|---|
| Project | Fort McClellan Landfill / Fill Area Investigations |
| Trench Number | PPMP-231-T231-2 |

N/A = Not Applicable.

| Test Pit Classification Log | Project: Fort McClellan, SAD TERC<br>Parcel# PPMP -231-T231-2<br>Date: 10/23/00<br>* Provide Sketch of Sidewall<br>Geologist: James Dendy | Trench Location: PPMP-231-T231-2 Page 2 of 2 Pages<br>Equipment used: Remote Controlled excavator. (1 bucket = 3'x5')<br>Excavation size: 38' X 3' X ≈6' = 684 ft³<br>Length Width Depth Volume |
|---|---|---|



# TRENCH LOG

Trench Number: PPMP-231-T231-3

| | | |
|---|---|---|
| Company Name: IT Group | District: Mobile USACE | Sheet 1 of 2 Sheet(s) |
| Project: Fort McClellan Landfill / Fill Area Investigations | Location: Calhoun County, Alabama | |
| Name of Equipment Operator: Peter Bossiere | Manufacturer's Designation of Heavy Equipment: Komatsu PLC 250 | |
| Sizes and Types of Equipment Used: Remote controlled excavator ~~Komatsu~~ Bucket on excavator is 3' wide x 5' tall | Trench Location: T231-3 | |
| | Surface Elevation: TBD | |
| Level of PPE required: Level C | Date Started: 10/30/00 | Date Completed: 10/30/00 |
| Overburden Thickness: N/A | Depth Groundwater Encountered: N/A | |
| Depth Rock Encountered: N/A | Depth of Trench: 4' | Trench Length: 50' |
| Disposition of Trench | Backfilled: X | Signature of Geologist: Jamie Dendy |

Deviations made due to problems encountered while trenching

NONE

Landfill/Fill Area Location Sketch/Comments — Scale: (not to scale)

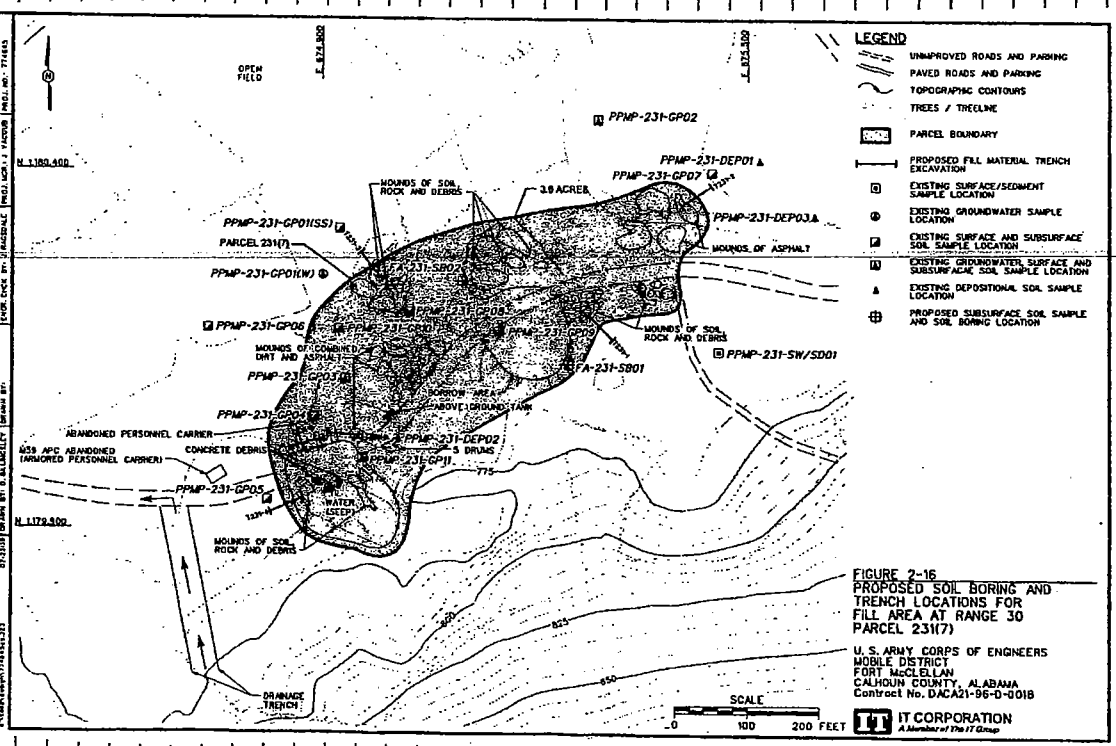


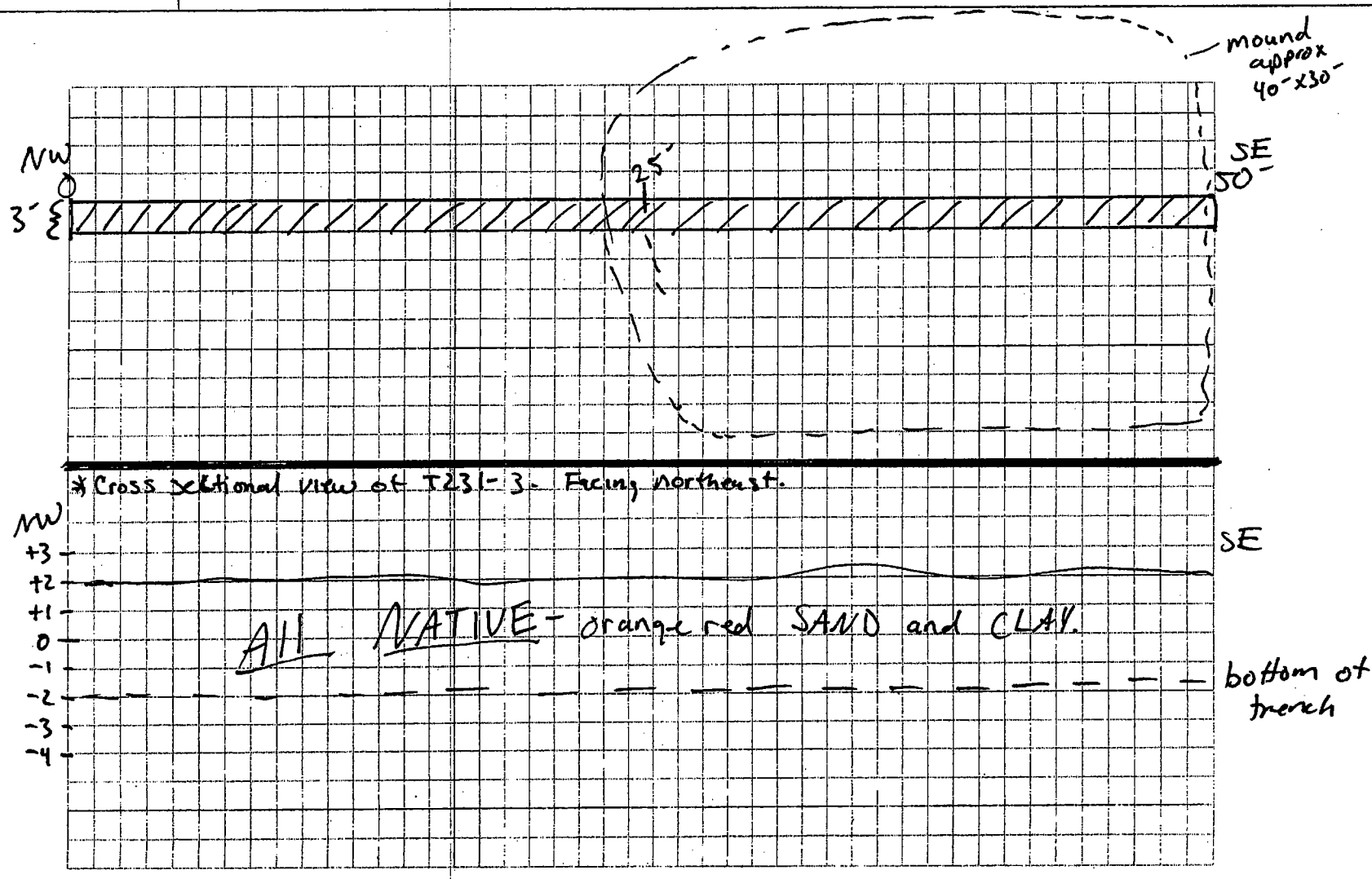

FIGURE 2-16
PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA AT RANGE 30 PARCEL 231(7)

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

Project: Fort McClellan Landfill / Fill Area Investigations — Trench Number: PPMP-231-T231-3

N/A = Not Applicable.

| Test Pit Classification Log | Project: Fort McClellan, SAD TERC<br>Parcel# PPMP -231-T231-3<br>Date: 10/30/00<br>* Provide Sketch of Sidewall<br>Geologist: James Dendy | Trench Location: PPMP-231-T231-3 Page 2 of 2 Pages<br>Equipment used: Remote Controlled excavator. (1 bucket = 3' x 5')<br>Excavation size: 50' X 3' X 4' = 600 ft³<br>Length Width Depth Volume |
|---|---|---|



# TRENCH LOG

Trench Number: PPMP-231-T231-4

| | | |
|---|---|---|
| Company Name: IT Group | District: Mobile USACE | Sheet 1 of 2 Sheet(s) |
| Project: Fort McClellan Landfill / Fill Area Investigations | Location: Calhoun County, Alabama | |
| Name of Equipment Operator: Peter Bossiere | Manufacturer's Designation of Heavy Equipment: Komatsu PLC 250 | |
| Sizes and Types of Equipment Used: Remote controlled excavator ~~Komatsu~~ Bucket on excavator is 3' wide x 5' tall | Trench Location: T231-4 | |
| | Surface Elevation: TBD | |
| Level of PPE required: Level C | Date Started: 10/24/00 | Date Completed: 10/24/00 |
| Overburden Thickness: | Depth Groundwater Encountered: N/A | |
| Depth Rock Encountered: N/A | Depth of Trench: | Trench Length: |
| Disposition of Trench: | Backfilled: X | Signature of Geologist: Jammie Dendy |

Deviations made due to problems encountered while trenching: NONE

Landfill/Fill Area Location Sketch/Comments — Scale: (not to scale)

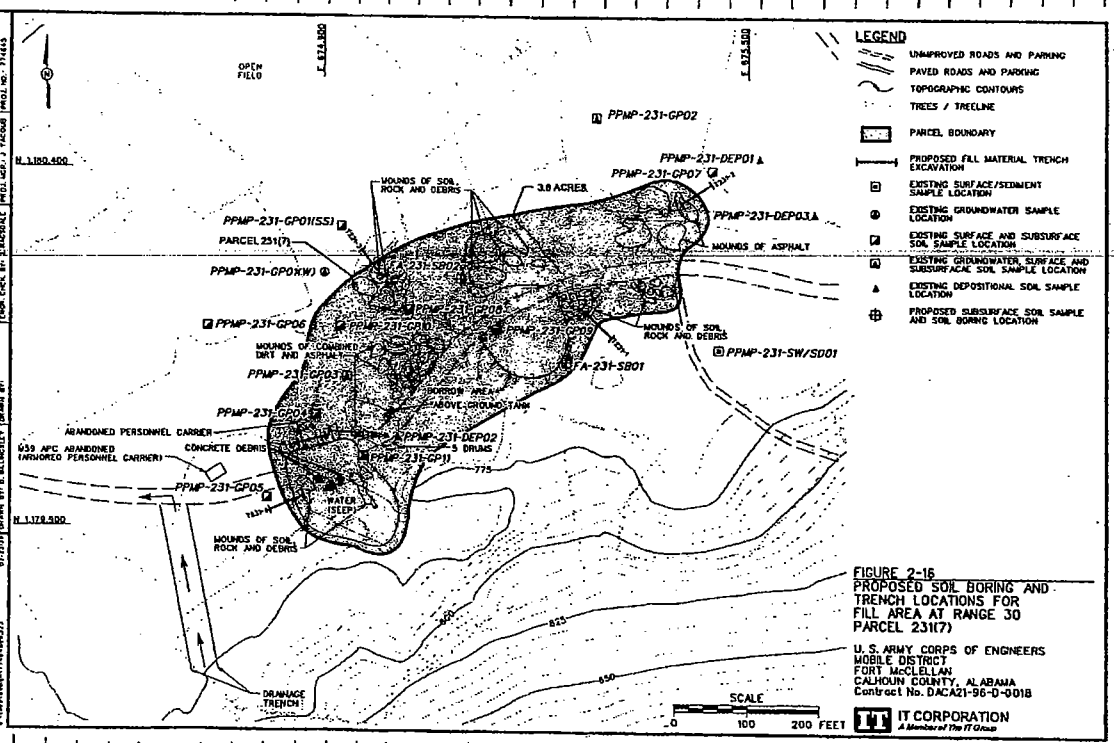



FIGURE 2-16
PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA AT RANGE 30 PARCEL 231(7)

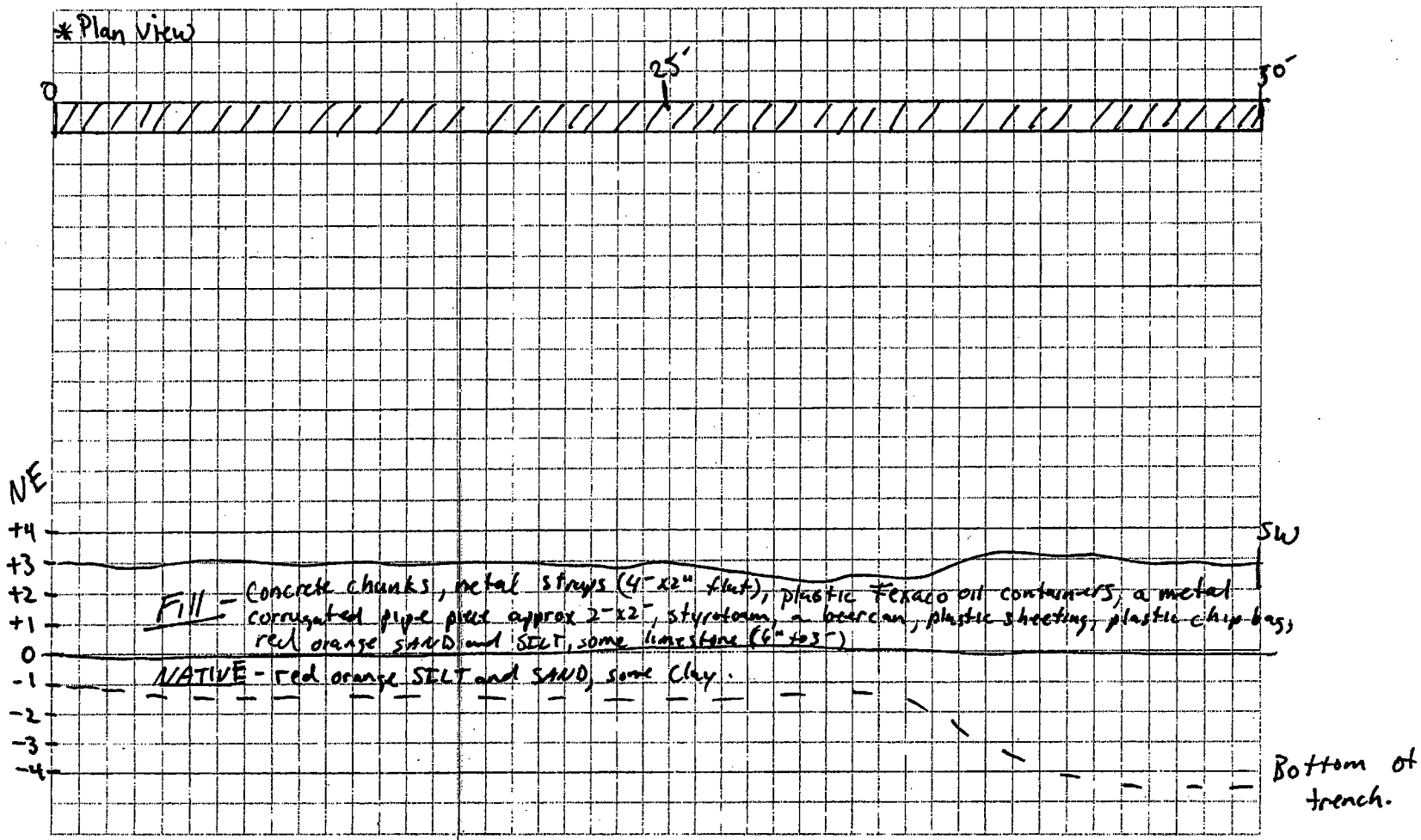
U. S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

Project: Fort McClellan Landfill / Fill Area Investigations

Trench Number: PPMP-231-T231-4

N/A = Not Applicable.

| Test Pit Classification Log | Project: Fort McClellan, SAD TERC<br>Parcel# PPMP -231- T231-4<br>Date: 10/24/00<br>* Provide Sketch of Sidewall<br>Geologist: James Dendy | Trench Location: PPMP-231-T231-4 Page 2 of 2 Pages<br>Equipment used: Remote Controlled excavator. (1 bucket = 3'x5')<br>Excavation size: 50' X 3' X avg 5.2 = 780 ft³<br>Length Width Depth Volume |
|---|---|---|



# TRENCH LOG

Trench Number: PPMP-231-T231-5

| | | |
|---|---|---|
| Company Name: IT Group | District: Mobile USACE | Sheet 1 of 2 Sheet(s) |
| Project: Fort McClellan Landfill / Fill Area Investigations | Location: Calhoun County, Alabama | |
| Name of Equipment Operator: Peter Bossiere | Manufacturer's Designation of Heavy Equipment: Komatsu PLC 250 | |
| Sizes and Types of Equipment Used: Remote controlled excavator ~~Komatsu~~. Bucket on excavator is 2' wide x 5' tall | Trench Location: T231-5 | |
| | Surface Elevation: TBD | |
| Level of PPE required: Level C | Date Started: 10/20/00 | Date Completed: 10/20/00 |
| Overburden Thickness: N/A | Depth Groundwater Encountered: N/A | |
| Depth Rock Encountered: N/A | Depth of Trench: ≈ 3' | Trench Length: 50' |
| Disposition of Trench: | Backfilled: X | Signature of Geologist: Jamie Dendy |

Deviations made due to problems encountered while trenching: None

Landfill/Fill Area Location Sketch/Comments — Scale: (not to scale)

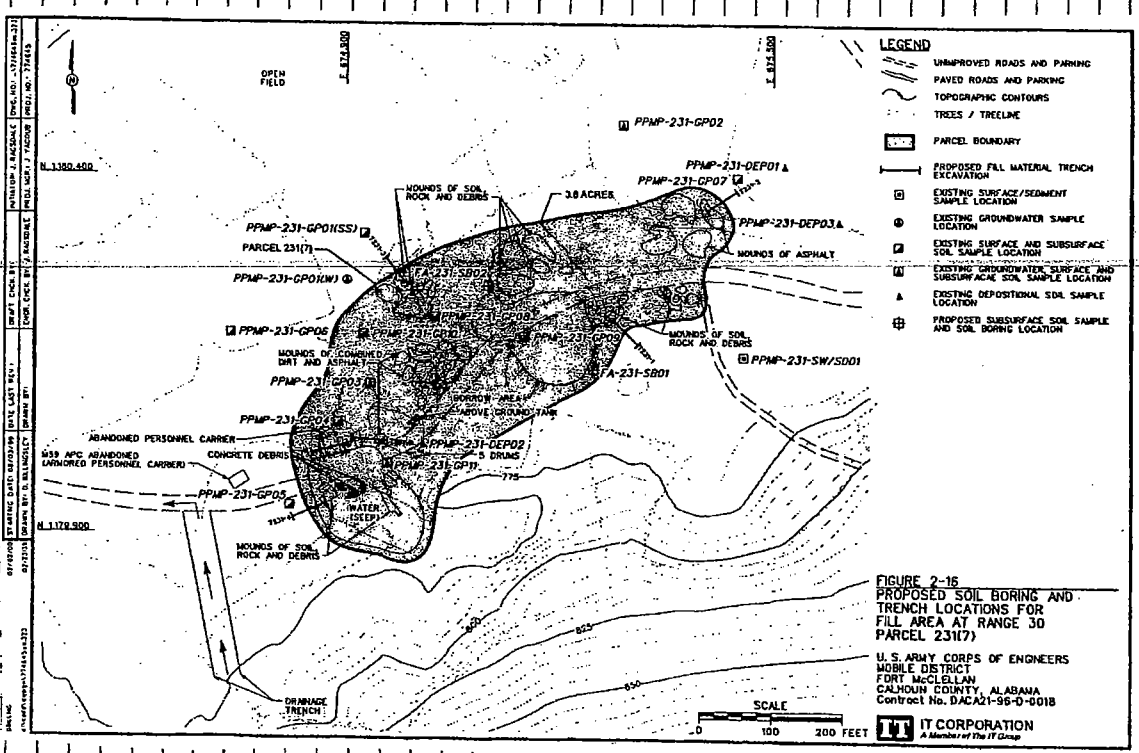



FIGURE 2-16
PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA AT RANGE 30 PARCEL 231(7)

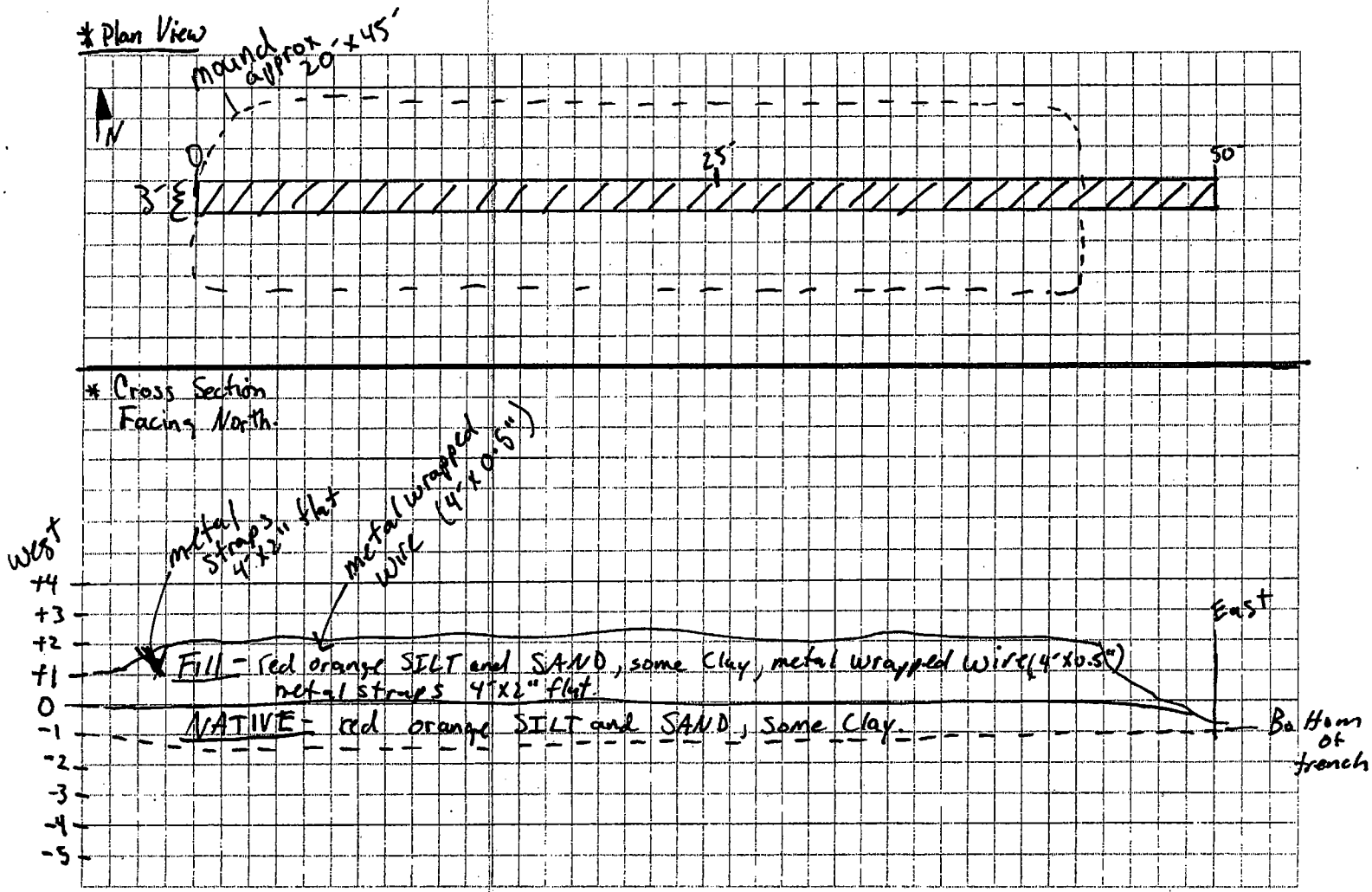
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

Project: Fort McClellan Landfill / Fill Area Investigations

Trench Number: PPMP-231-T231-5

N/A = Not Applicable.

| Test Pit Classification Log | Project: Fort McClellan, SAD TERC<br>Parcel# PPMP -231- T231- 5<br>Date: 10/20/00<br>* Provide Sketch of Sidewall<br>Geologist: James Dendy | Trench Location: PPMP-231-T231-5 Page 2 of 2 Pages<br>Equipment used: Remote Controlled excavator. (1 bucket = 3' x 5')<br>Excavation size: 50' X 3' X 3' = 450 ft³<br>Length Width Depth Volume |
|---|---|---|



# TRENCH LOG

Trench Number: PPMP-231-T231-6

| | | |
|---|---|---|
| Company Name: IT Group | District: Mobile USACE | Sheet 1 of Sheet(s) 2 |
| Project: Fort McClellan Landfill / Fill Area Investigations | Location: Calhoun County, Alabama | |
| Name of Equipment Operator: Peter Bossiere | Manufacturer's Designation of Heavy Equipment: Komatsu PLC 250 | |
| Sizes and Types of Equipment Used: Remote controlled excavator ~~Komatsu~~ Bucket on excavator is 3' wide x 5' tall | Trench Location: T231-6 | |
| | Surface Elevation: TBD | |
| Level of PPE required: Level C | Date Started: 10/19/00 | Date Completed: 10/19/00 |
| Overburden Thickness: N/A | Depth Groundwater Encountered: N/A | |
| Depth Rock Encountered: N/A | Depth of Trench: ≈ 7.0' | Trench Length: 50' |
| Disposition of Trench: — | Backfilled: X | Signature of Geologist: Jamie Dendy |

Deviations made due to problems encountered while trenching

None

Landfill/Fill Area Location Sketch/Comments — Scale: (not to scale)

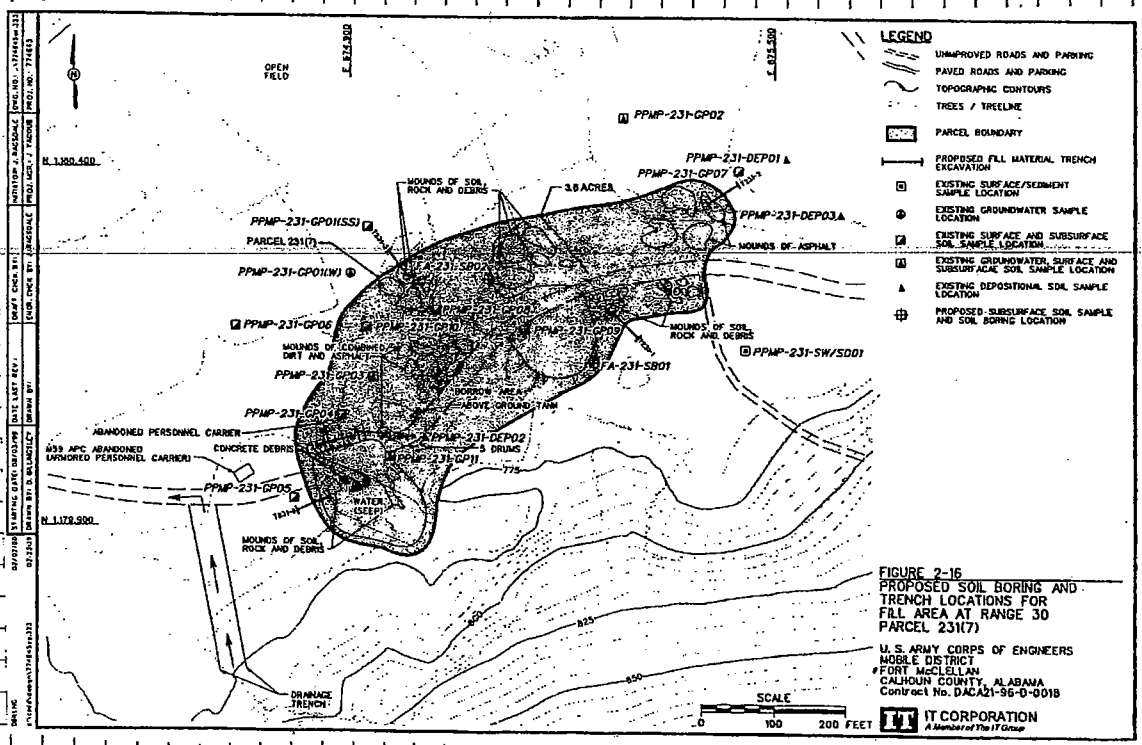
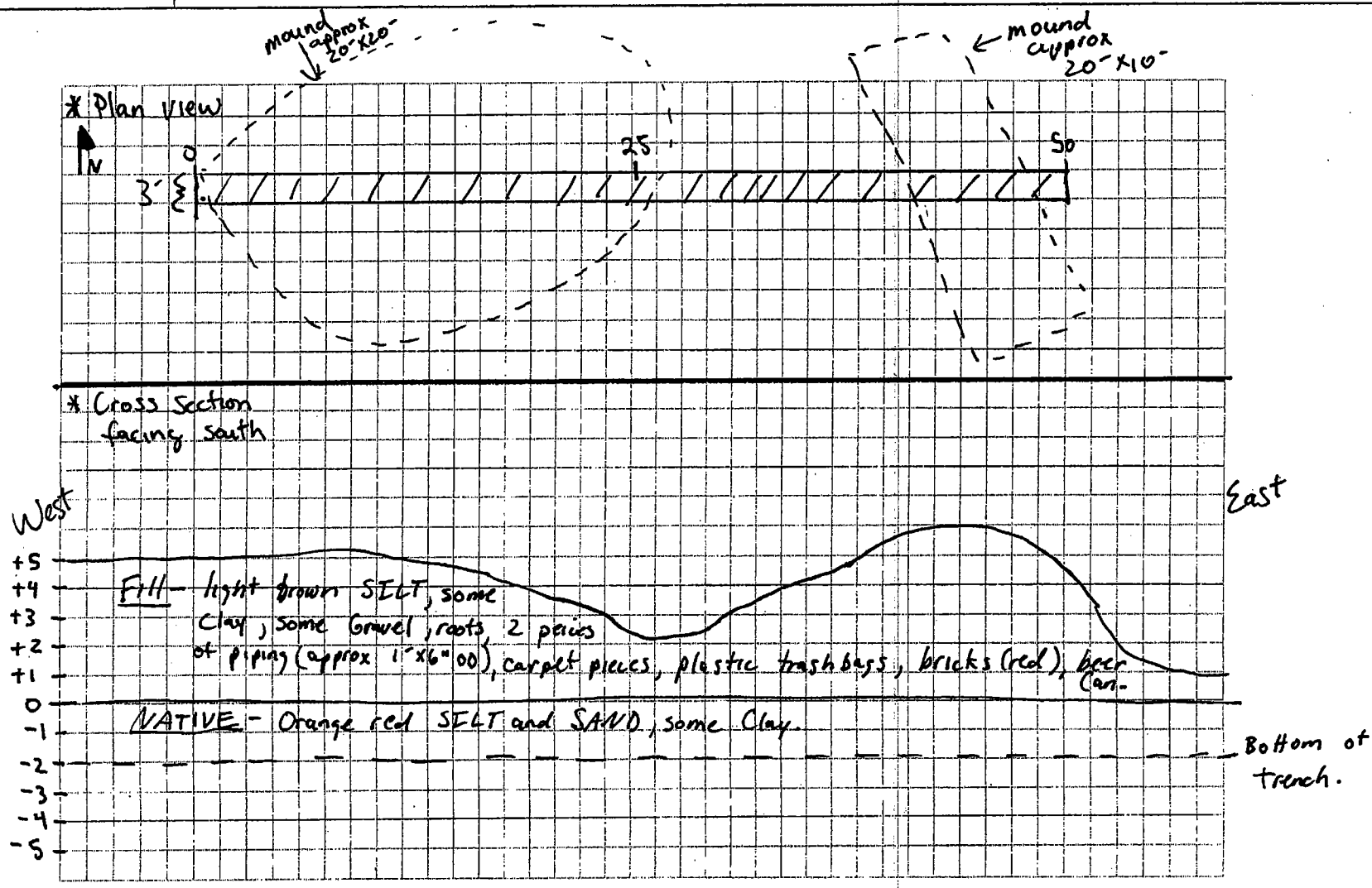



FIGURE 2-16
PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA AT RANGE 30 PARCEL 231(7)

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

| | |
|---|---|
| Project: Fort McClellan Landfill / Fill Area Investigations | Trench Number: PPMP-231-T231-6 |

N/A = Not Applicable.

| Test Pit Classification Log | Project: Fort McClellan, SAD TERC<br>Parcel# PPMP - 231 - T231 - 6<br>Date: 10/19/00<br>* Provide Sketch of Sidewall<br>Geologist: James Dendy | Trench Location: PPMP-231-T231-6 Page 2 of 2 Pages<br>Equipment used: Remote Controlled excavator. (1 bucket = 3' x 5')<br>Excavation size: 50' X 3' X ≈7' = 1050 ft³<br>Length Width Depth Volume |
|---|---|---|