TRENCH CLASSIFICATION LOG

(continuation sheet)

Trench Number: T 229 - 2

Project: Fort McClellan, SAD TERC

Geologist: DENTON HILL

Sheet 3 of 3 Sheet(s)

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	1	YELLOWISH ORANGE SILT AND CLAY FILL	SC	0.0	MOIST
	2				
	3	YELLOWISH ORANGE SILT AND CLAY NATIVE	SC	0.0	MOIST
	4				
	5				
	6				
	7				
	8				

Project Fort McClellan SAD TERC

Trench Number: T-229-2

TRENCH LOG	District: Mobile USACE	Trench Number: T 229-4
Company Name: IT Corporation		Sheet 1 of 3 Sheets

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: DAVID AYALA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, LEL; FID	Trench Location: NW REILLY FIELD, PARCEL 229(7)
	Surface Elevation: TBD
	Date Started: 3/7/00 — Date Completed: 3/7/00
Overburden Thickness: 14'	Total Depth of Trench: 14'
Depth Rock Encountered: NA	Total Length of Trench: 50'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Denton Hill

Location Sketch/Comments — Scale: AS SHOWN

DETECTIONS EXCEEDING BACKGROUND LIMITS WERE NOT ENCOUNTERED DURING TRENCHING OPERATIONS USING THE PHOTOIONIZATION DETECTOR, FLAME IONIZATION DETECTOR, AND LOWER EXPLOSIVITY LIMIT DETECTOR.

TRENCH WAS EXCAVATED IN LEVEL C PPE.

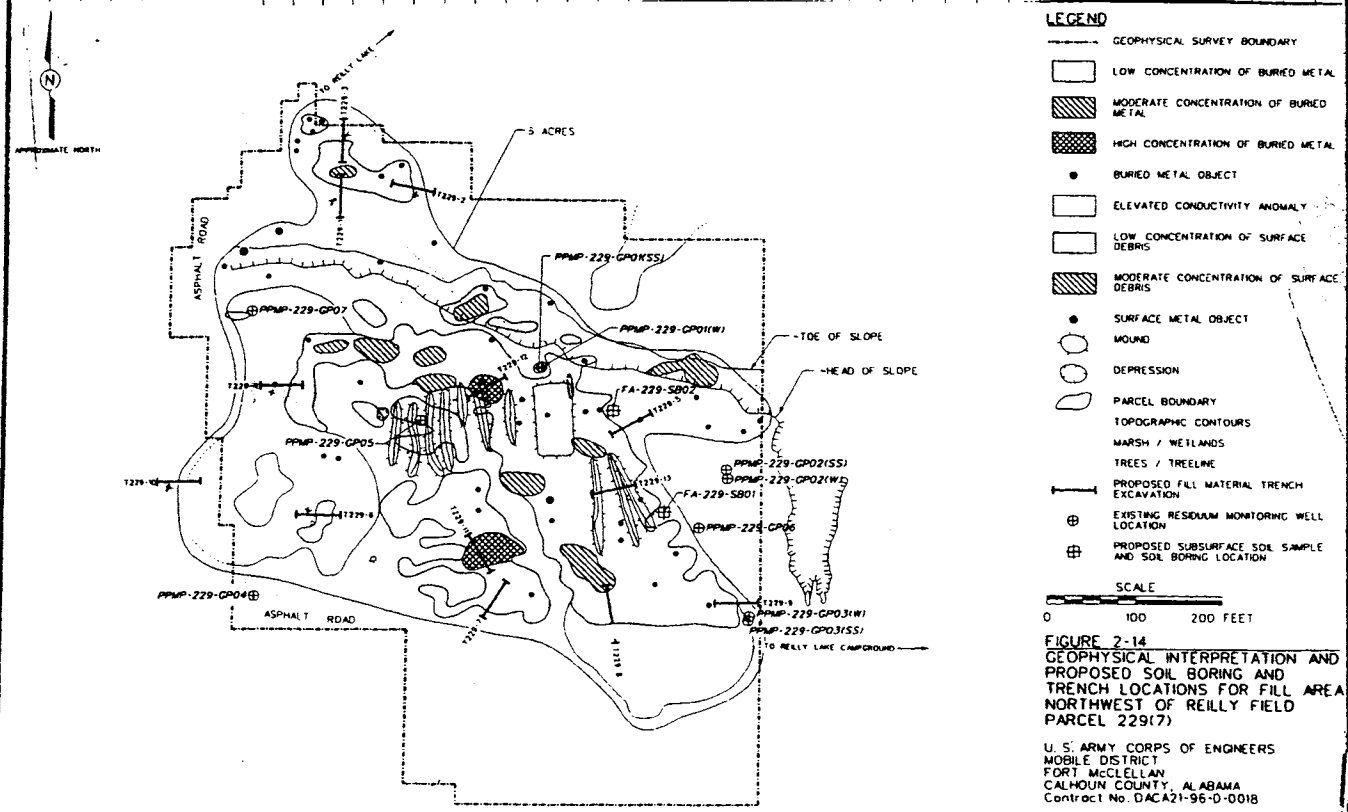


FIGURE 2-14
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA NORTHWEST OF REILLY FIELD PARCEL 229(7)

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

IT CORPORATION
A Member of The IT Group

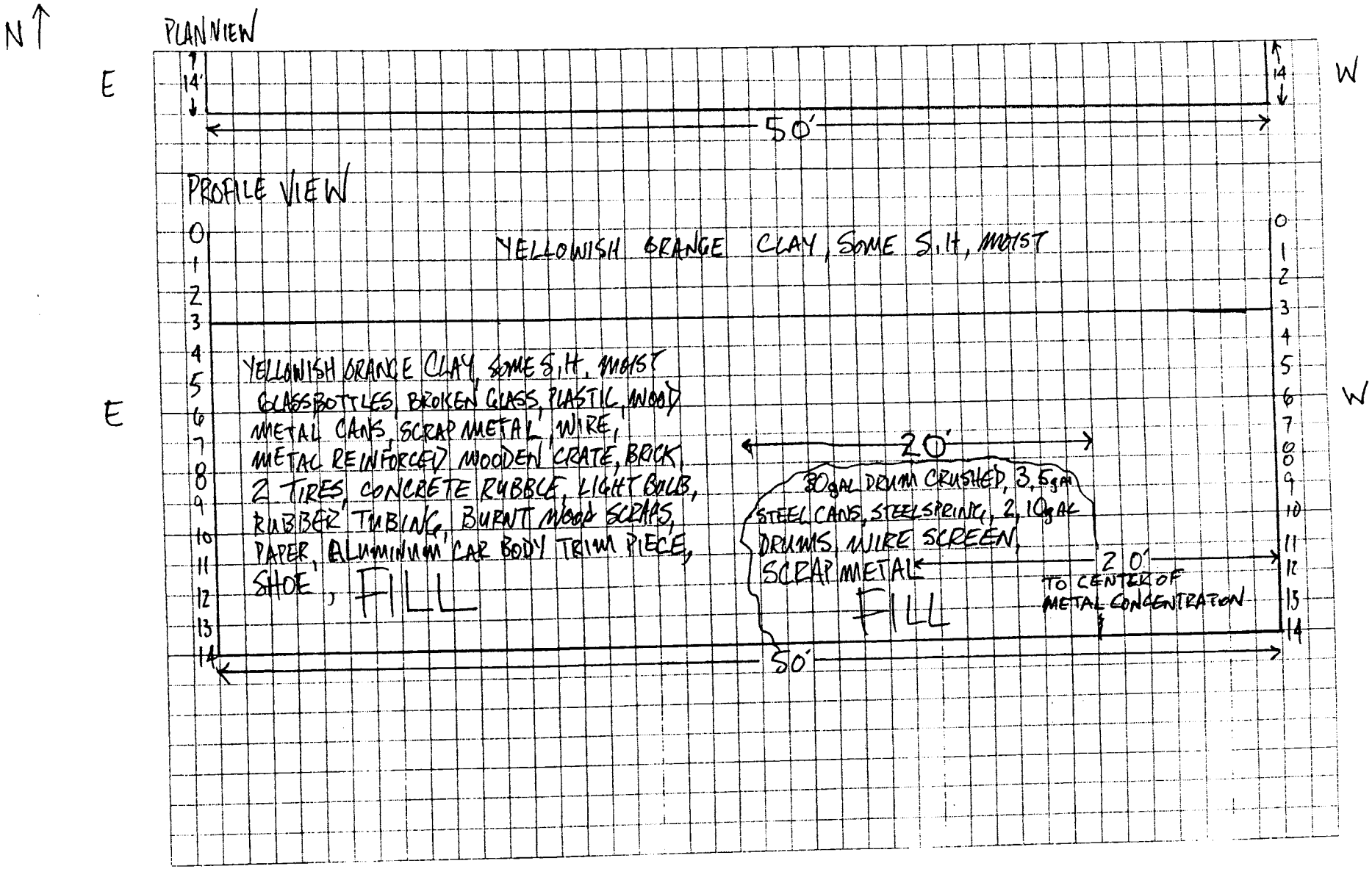
Project	Trench Number
Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	T229-4

Test Pit Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 229 (7)
Date: 3/7/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

Trench Location: 7229-4
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
50 X 3 X 14 = 2100 FT3
Length Width Depth Volume



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T229-4

Project: Fort McClellan, SAD TERC

Geologist: DENTON HILL

Sheet 3 of 3 Sheet(s)

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	1 2 3	YELLOWISH ORANGE CLAY, SOME SILT	CL	0.0	MOIST
	4 5 6 7 8 9 10 11 12 13 14	YELLOWISH ORANGE CLAY SOME SILT, FILL	CL	0.0	MOIST

Project Fort McClellan, SAD TERC

Trench Number: T229-4

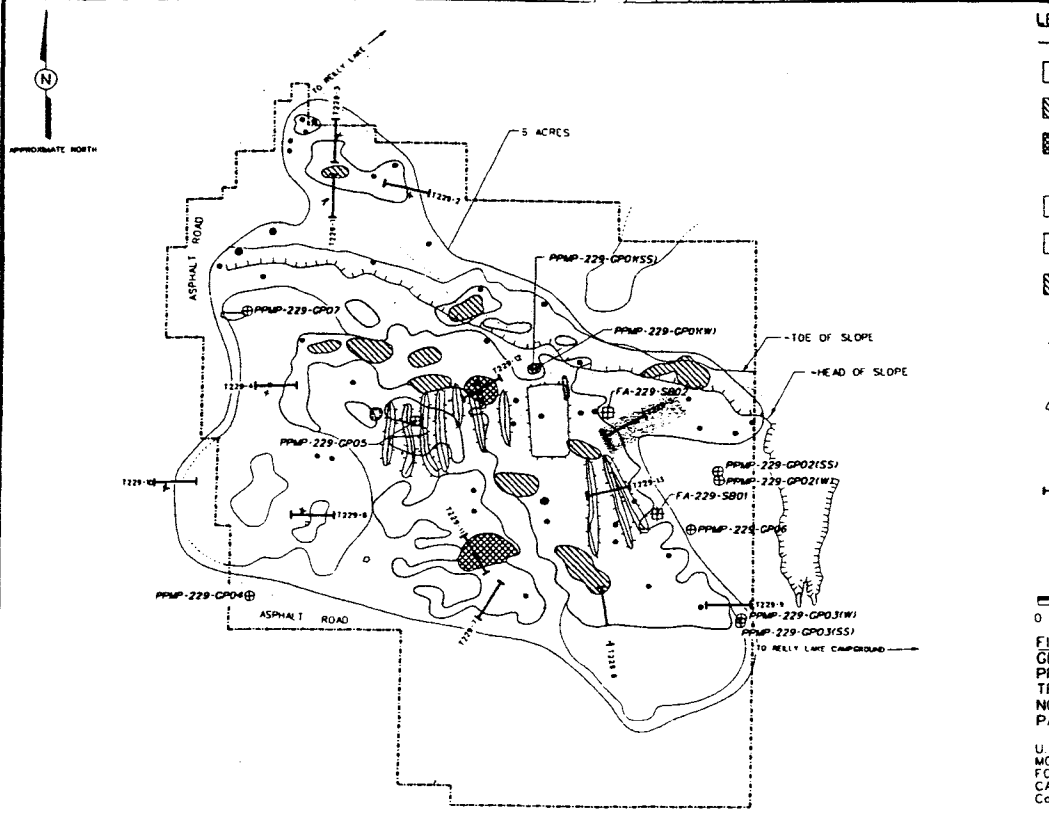
TRENCH LOG	District: Mobile USACE	Trench Number: T 229-5
Company Name: IT Corporation		Sheet 1 of 3 Sheets

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: DAVID AYALA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, LEL; FID	Trench Location: NW REILLY FIELD, PARCEL 229(7)
	Surface Elevation: TBD
	Date Started: 3/14/00 — Date Completed: 3/14/00
Overburden Thickness: 10'	Total Depth of Trench: 10'
Depth Rock Encountered: NA	Total Length of Trench: 55'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Denton Hill

Location Sketch/Comments — Scale: AS SHOWN

DETECTIONS EXCEEDING BACKGROUND LIMITS WERE NOT DETECTED DURING TRENCHING OPERATIONS USING THE PHOTOIONIZATION DETECTOR, FLAME IONIZATION DETECTOR, AND LOWER EXPLOSIVITY LIMIT DETECTOR.

TRENCH WAS EXCAVATED IN LEVEL C PPE.



LEGEND

- GEOPHYSICAL SURVEY BOUNDARY
- LOW CONCENTRATION OF BURIED METAL
- MODERATE CONCENTRATION OF BURIED METAL
- HIGH CONCENTRATION OF BURIED METAL
- BURIED METAL OBJECT
- ELEVATED CONDUCTIVITY ANOMALY
- LOW CONCENTRATION OF SURFACE DEBRIS
- MODERATE CONCENTRATION OF SURFACE DEBRIS
- SURFACE METAL OBJECT
- MOUND
- DEPRESSION
- PARCEL BOUNDARY
- TOPOGRAPHIC CONTOURS
- MARSH / WETLANDS
- TREES / TREELINE
- PROPOSED FILL MATERIAL TRENCH EXCAVATION
- EXISTING RESIDUUM MONITORING WELL LOCATION
- PROPOSED SUBSURFACE SOIL SAMPLE AND SOIL BORING LOCATION

SCALE: 0 — 100 — 200 FEET

FIGURE 2-14
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA NORTHWEST OF REILLY FIELD PARCEL 229(7)

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

IT CORPORATION
A Member of The IT Group

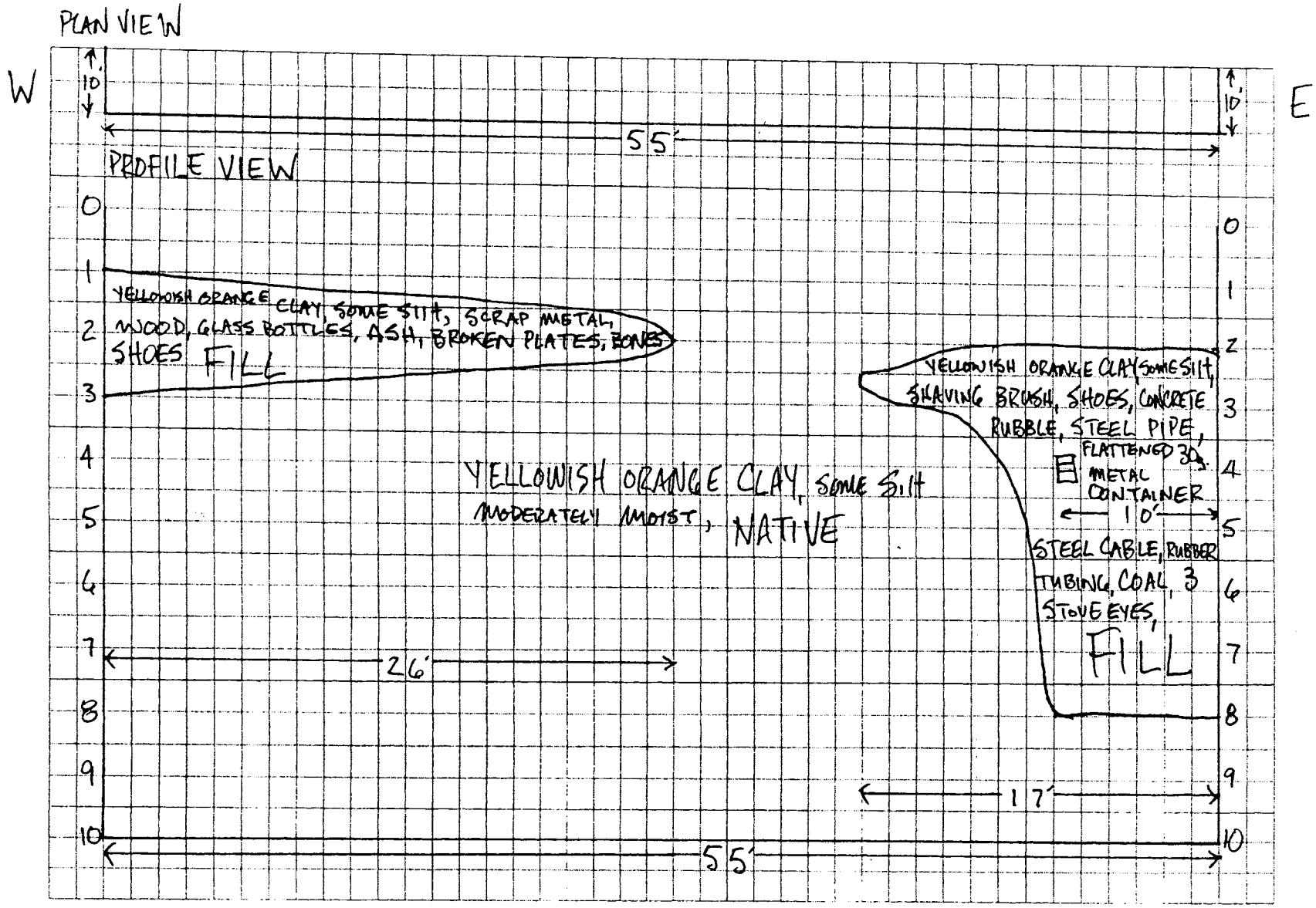
Project	Trench Number
Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	T229-~~13~~ 5

Test Pit Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 229(7)
Date: 3/14/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

Trench Location: T229-5
Equipment used: CAT 320 TRACKHOE

Excavation size:
55' X 3' X 10' = 1650 FT3
Length Width Depth Volume



TRENCH CLASSIFICATION LOG

(continuation sheet)

Trench Number: T229-5

Project: Fort McClellan, SAD TERC

Geologist: DENTON HILL

Sheet 3 of 3 Sheet(s)

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	1	YELLOWISH ORANGE CLAY, SOME SILT	CL		MOIST
	2				
	3	YELLOWISH ORANGE CLAY, SOME SILT	CL		MOIST
	4	FILL			
	5				
	6				
	7				
	8				
	9				
	10				

Project Fort McClellan, SAD TERC

Trench Number: T229-5

Trench Log

TRENCH LOG	District: Mobile USACE	Trench Number: T229-6
Company Name: IT Corporation		Sheet 1 of 3 Sheets

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: DAVID AYALA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, FID; LEL	Trench Location: NW REILLY FIELD PARCEL 229(7)
	Surface Elevation: TBD
	Date Started: 3/7/00 — Date Completed: 3/7/00
Overburden Thickness: 15	Total Depth of Trench: 15'
Depth Rock Encountered: NA	Total Length of Trench: 50'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Denton Hill

Location Sketch/Comments — Scale: AS SHOWN

DETECTIONS EXCEEDING BACKGROUND LIMITS WERE NOT EXCEEDED DURING TRENCHING OPERATIONS USING THE PHOTOIONIZATION DETECTOR, FLAME IONIZATION DETECTOR, AND LOWER EXPLOSIVITY LIMIT DETECTOR.

TRENCHING EXCAVATED IN LEVEL C PPE.

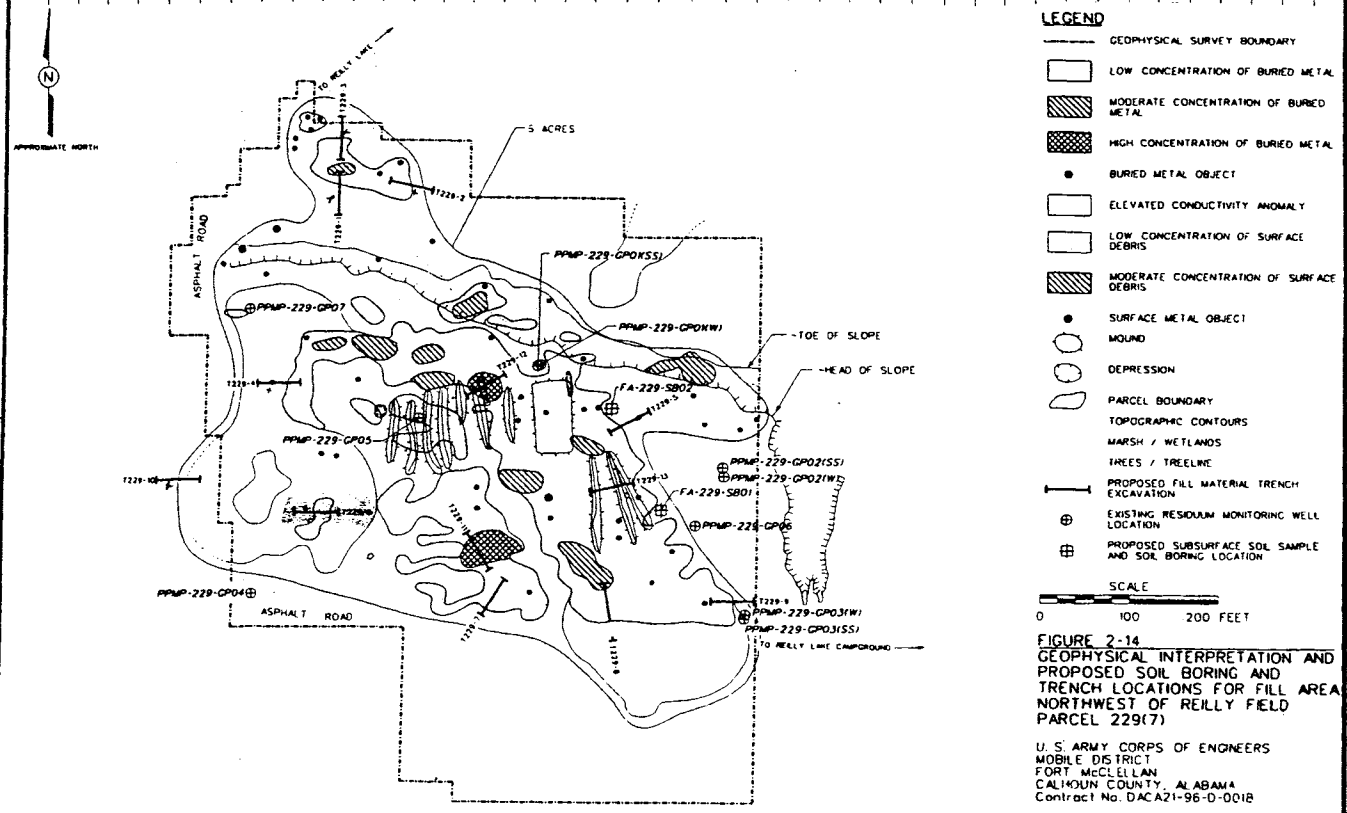


FIGURE 2-14
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA NORTHWEST OF REILLY FIELD PARCEL 229(7)

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

IT CORPORATION
A Member of The IT Group

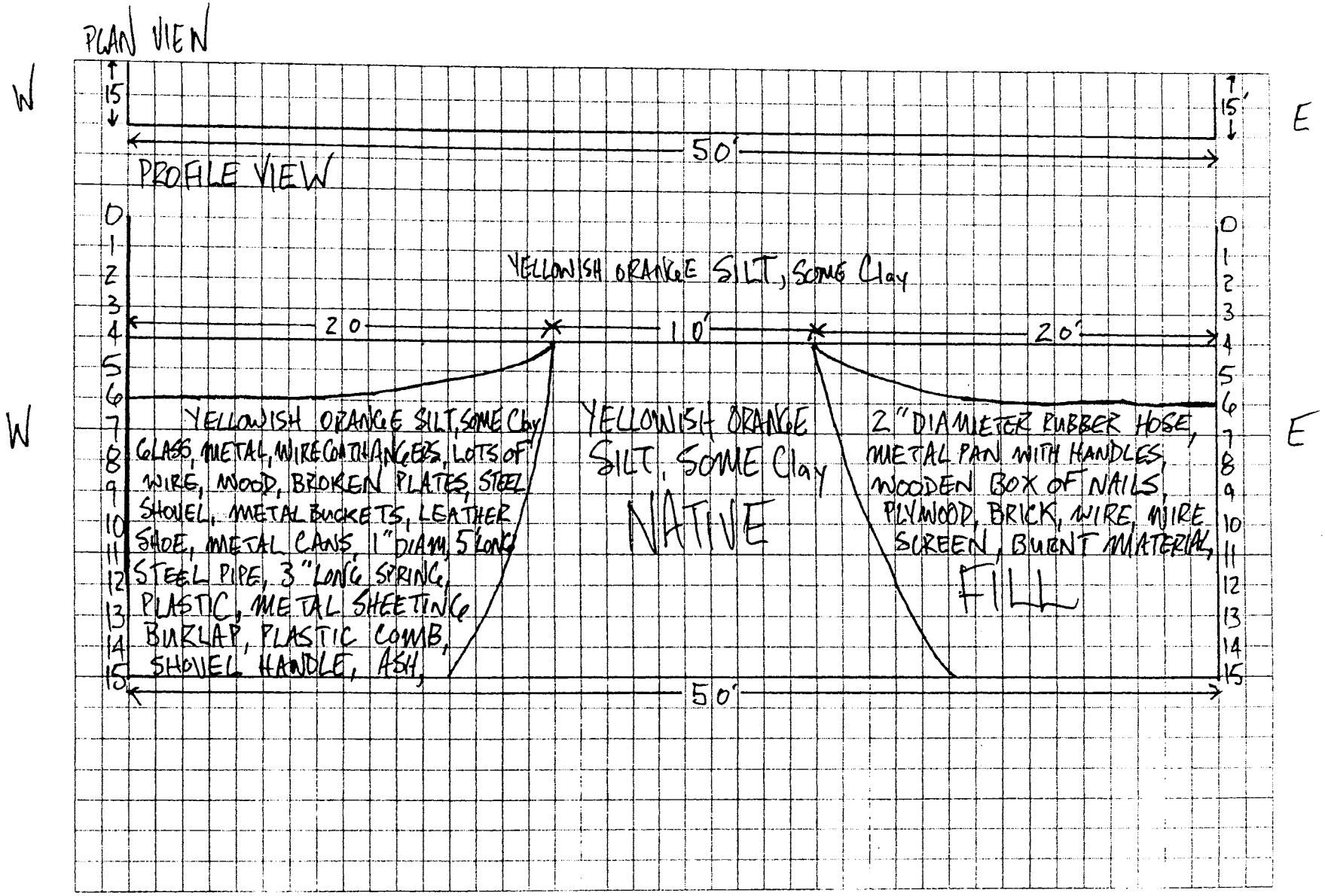
Project	Trench Number
Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	T229-6

Test Pit Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 229(7)
Date: 3/7/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

Tr ı Location: 7 229-6
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
50 X 3 X 14 = 2100 ft³
Length Width Depth Volume



TRENCH CLASSIFICATION LOG (continuation sheet)	Trench Number: T229-G
Project: Fort McClellan, SAD TERC	Geologist: DENTON HILL / Sheet 3 of 3 Sheet(s)

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	1, 2, 3	YELLOWISH ORANGE SILT, SOME Clay	S	0.0	MOIST
	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15	YELLOWISH ORANGE SILT, SOME Clay FILL	S	0.0	MOIST

Project Fort McClellan, SAD TERC	Trench Number: T229-G

TRENCH LOG	District: Mobile USACE	Trench Number: T229-7
Company Name: IT Corporation		Sheet 1 of 3 Sheets

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: DAVID AYALA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, LEL; FID	Trench Location: NW REILLY FIELD, PARCEL 229(7)
	Surface Elevation: TBD
	Date Started: 3/9/00 — Date Completed: 3/9/00
Overburden Thickness: 11'	Total Depth of Trench: 11'
Depth Rock Encountered: NA	Total Length of Trench: 50'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Denton Hill

Location Sketch/Comments — Scale: AS SHOWN

DETECTIONS EXCEEDING BACKGROUND LIMITS WERE NOT ENCOUNTERED DURING TRENCHING OPERATIONS USING THE PHOTOIONIZATION DETECTOR, FLAME IONIZATION DETECTOR, AND LOWER EXPLOSIVITY ~~METER~~ LIMIT DETECTOR.

TRENCH WAS EXCAVATED IN LEVEL C PPE.

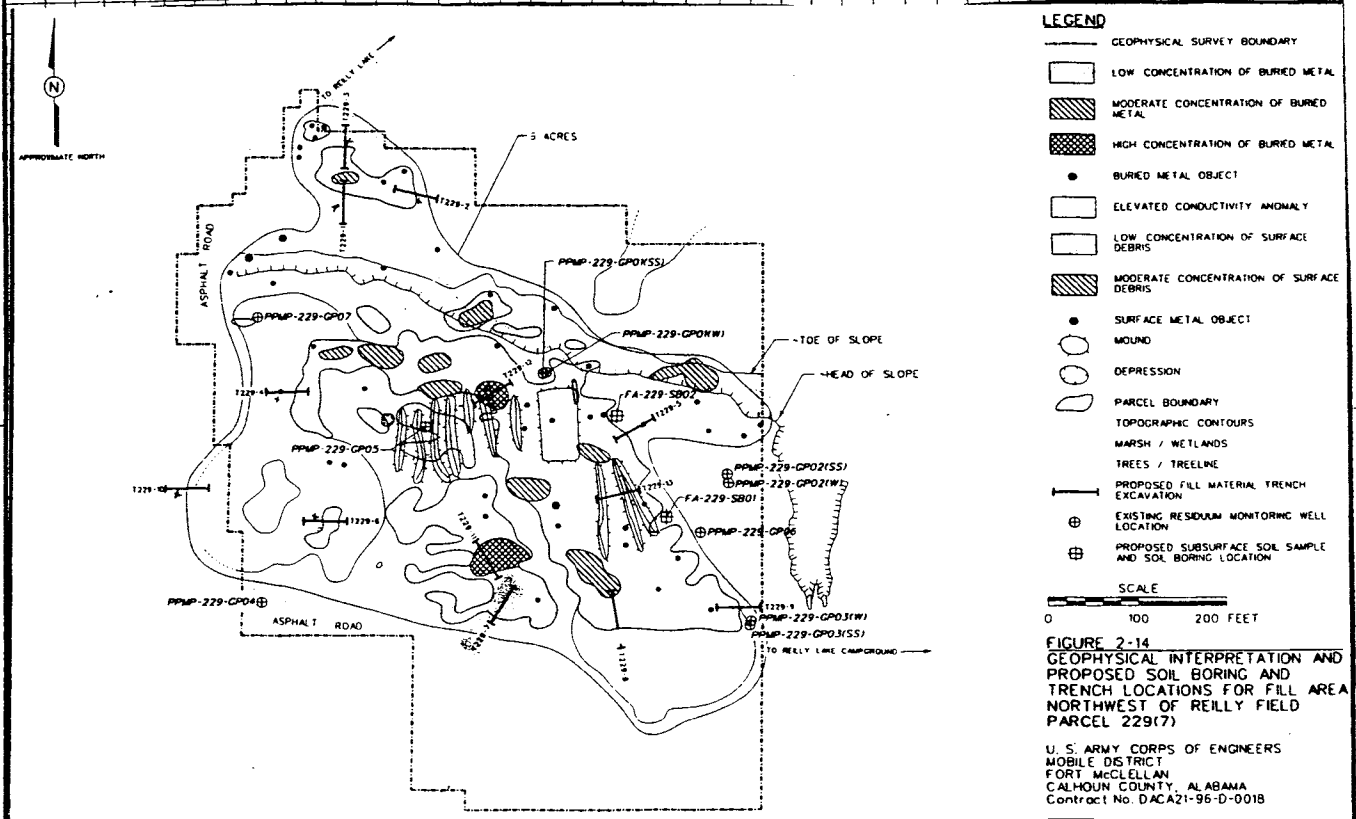


FIGURE 2-14
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA NORTHWEST OF REILLY FIELD PARCEL 229(7)

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

IT CORPORATION
A Member of The IT Group

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation

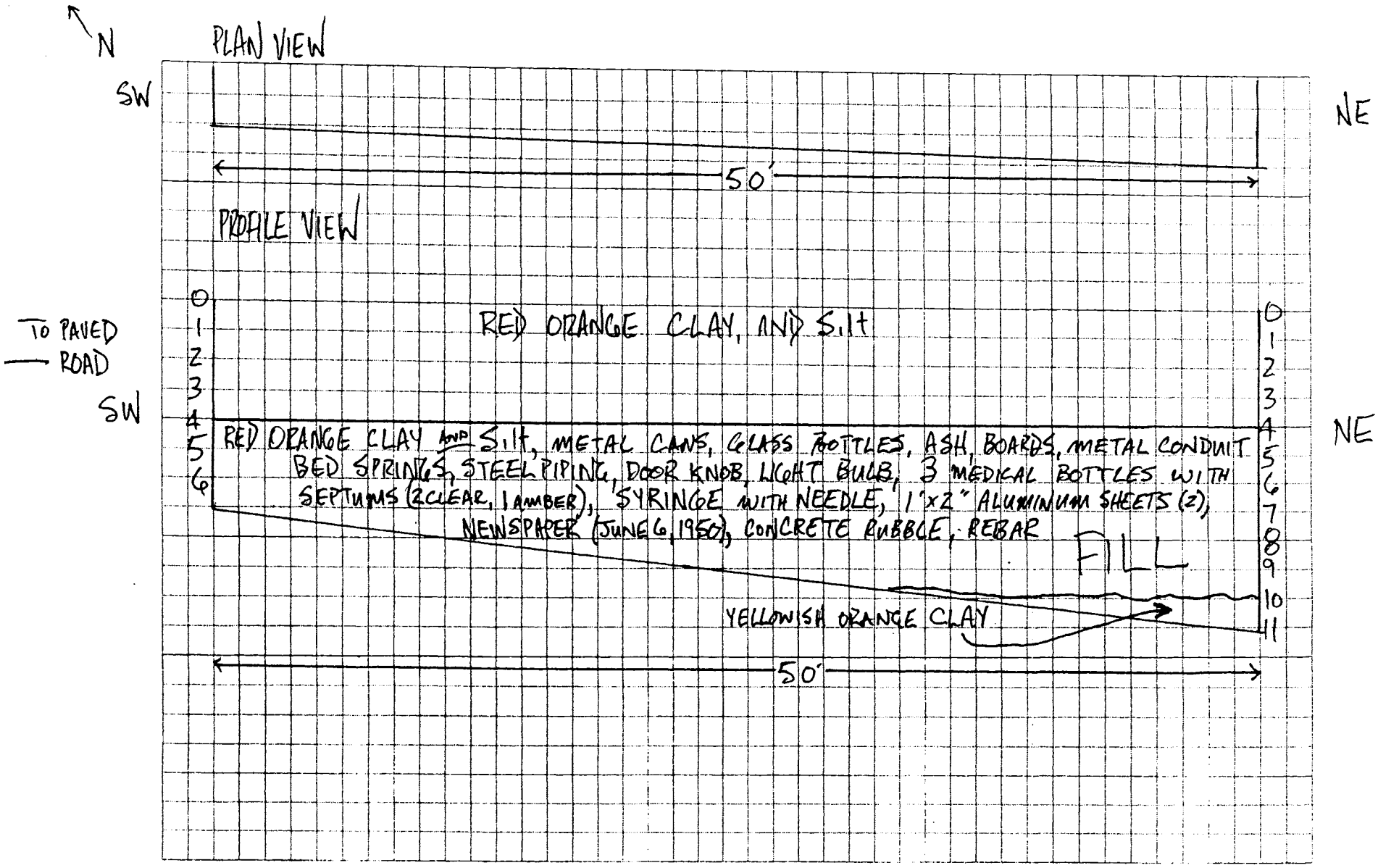
Trench Number: T229-7

Test Pit Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 229 (7)
Date: 3/9/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

Trench Location: T 229-7
Equipment used: CAT 320 TRACKHOE

Excavation size:
50 X 3 X 11 = 1650 FT3
Length Width Depth Volume



TRENCH CLASSIFICATION LOG (continuation sheet)	Trench Number: T229-7
Project: Fort McClellan, SAD TERC	Geologist: DENTON HILL — Sheet 3 of 3 Sheet(s)

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	2	RED ORANGE CLAY AND Silt	CL	0.0	MOIST
	4				
	6	RED ORANGE CLAY AND Silt, FILL	CL	0.0	V. MOIST TO SATURATED
	8				
	10	YELLOWISH ORANGE CLAY	CL		
	11				

Project: Fort McClellan, SAD TERC — Trench Number: T229-7

Trench Log

TRENCH LOG	District: Mobile USACE	Trench Number: T229-8
Company Name: IT Corporation		Sheet 1 of 4 Sheets

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: DAVID AYALA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, LEL; FID	Trench Location: NW REILLY FIELD, PARCEL 229(7)
	Surface Elevation: TBD
	Date Started: 3/13/00 — Date Completed: 3/13/00
Overburden Thickness: 12'	Total Depth of Trench: 13'
Depth Rock Encountered: NA	Total Length of Trench: 50'
Disposition of Trench: Backfilled YES	Signature of Geologist: Denton Hill
Location Sketch/Comments	Scale: AS SHOWN

DETECTIONS EXCEEDING BACKGROUND LIMITS WERE NOT ENCOUNTERED DURING TRENCHING OPERATIONS USING THE PHOTOIONIZATION DETECTOR, FLAME IONIZATION DETECTOR, AND LOWER EXPLOSIVITY LIMIT DETECTOR.

TRENCH EXCAVATED IN LEVEL C PPE.

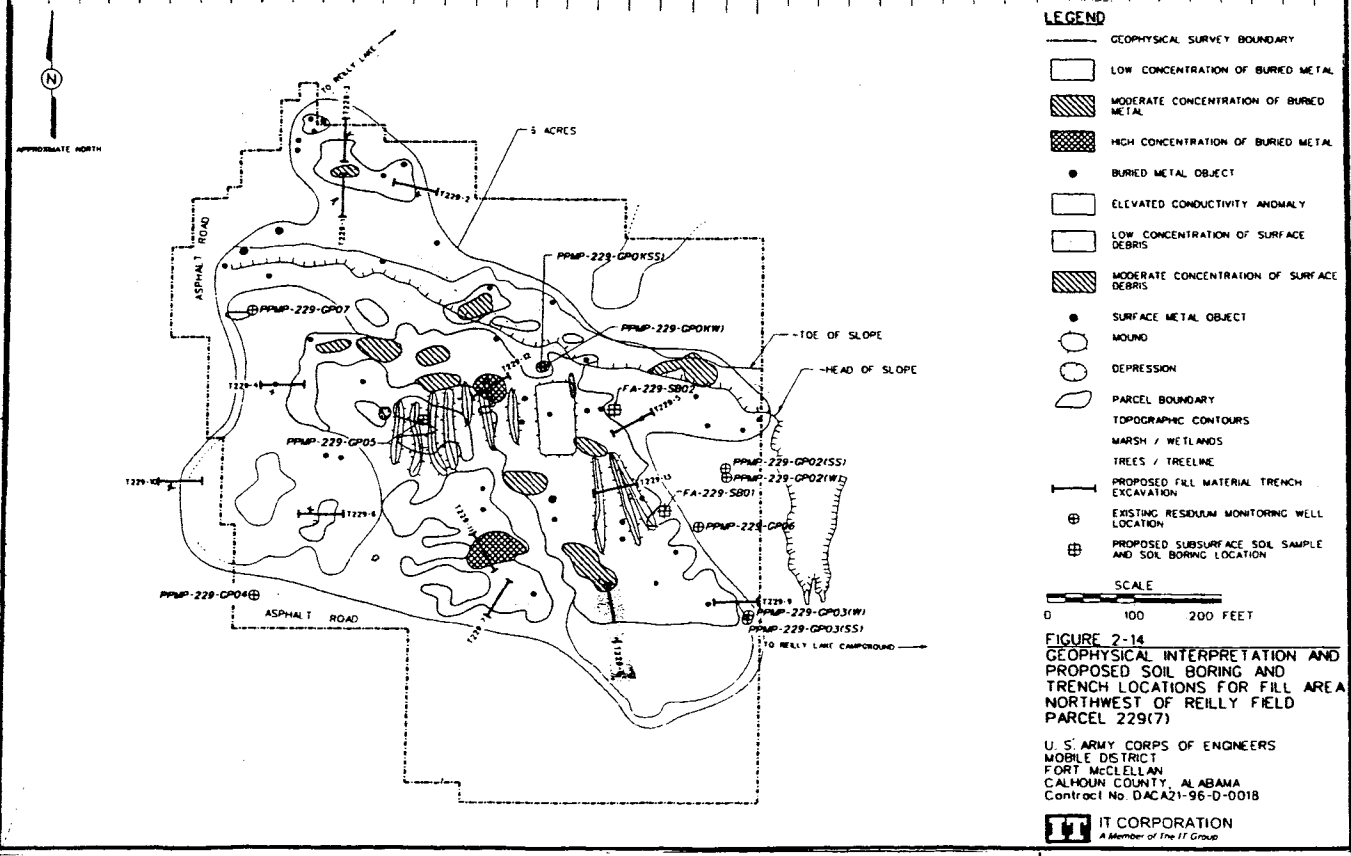


FIGURE 2-14
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA NORTHWEST OF REILLY FIELD PARCEL 229(7)

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

IT CORPORATION
A Member of The IT Group

Project	Trench Number
Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	T-229-8

Test P Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 229(7)
Date: 3/13/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

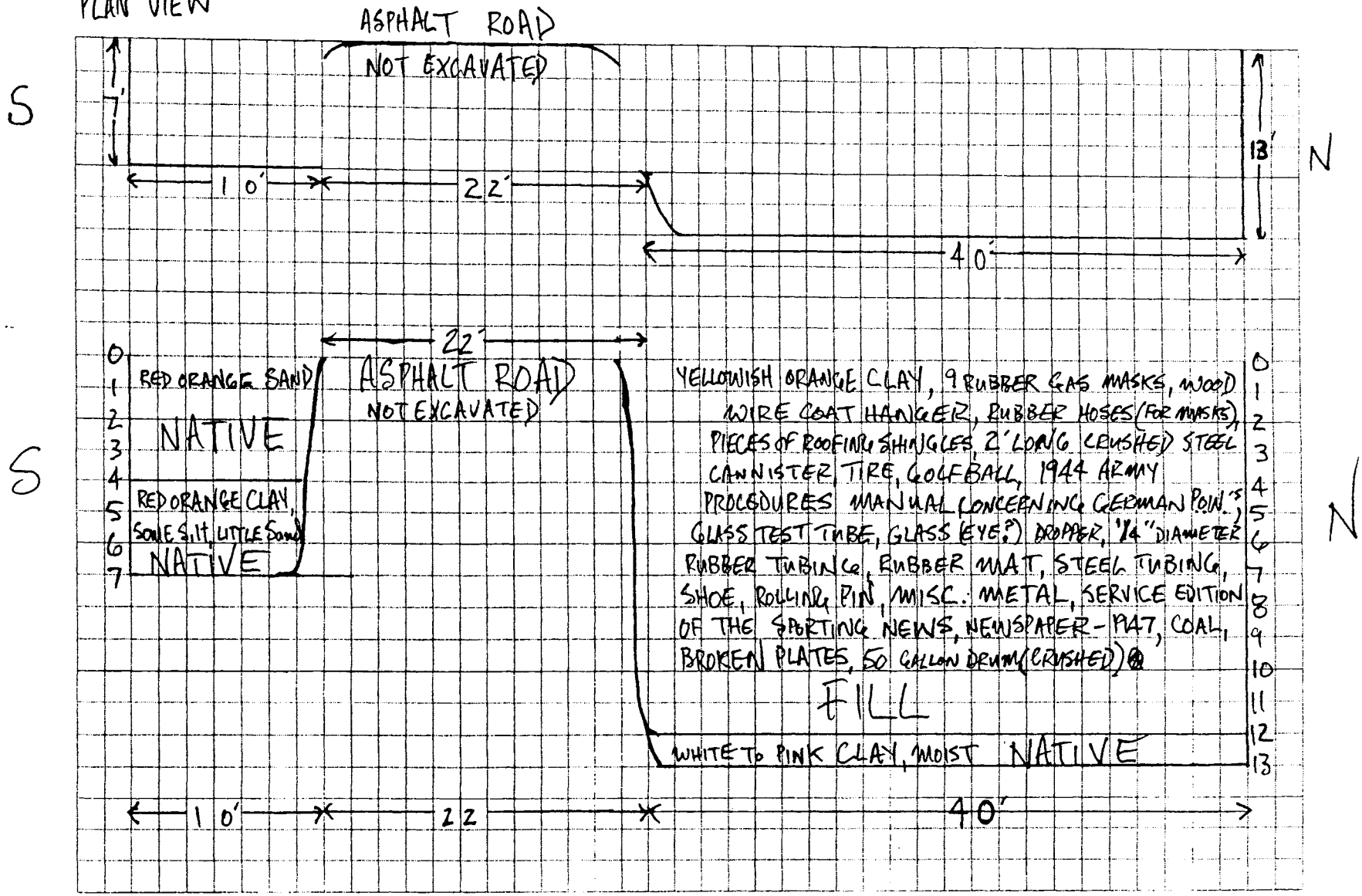
Trench Location: T 229-8
Equipment used: CAT 320 TRACKHOE

Excavation size:
~~50 X 3 X 13.7~~ =

Length	Width	Depth	Volume
10	X 3	X 7 = 210 FT3	1770 FT3
40	X 3	X 13 = 1560 FT3	

N →

PLAN VIEW



TRENCH CLASSIFICATION LOG - SOUTH END (continuation sheet)

Trench Number: T229-8

Project: Fort McClellan, SAD TERC

Geologist: DENTON HILL

Sheet 3 of 4 Sheet(s)

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	1 2 3 4	RED ORANGE SAND NATIVE	S	0.0	MOIST
	5 6 7	RED ORANGE CLAY, SOME SILT, LITTLE Sand	C	0.0	MOIST

Project Fort McClellan, SAD TERC

Trench Number: T229-8

TRENCH CLASSIFICATION LOG NORTH END (continuation sheet)

Trench Number: T 229-8

Project: Fort McClellan, SAD TERC

Geologist: DENTON HILL

Sheet 4 of 4 Sheet(s)

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	2	YELLOWISH ORANGE CLAY	CL		MOIST
	4			0.0	
		FILL			
	6				
	8				
	10				
	12				
		WHITE TO PINK CLAY NATIVE	CL		MOIST
	13			0.0	

Project Fort McClellan, SAD TERC

Trench Number: T229-8

Trench Log

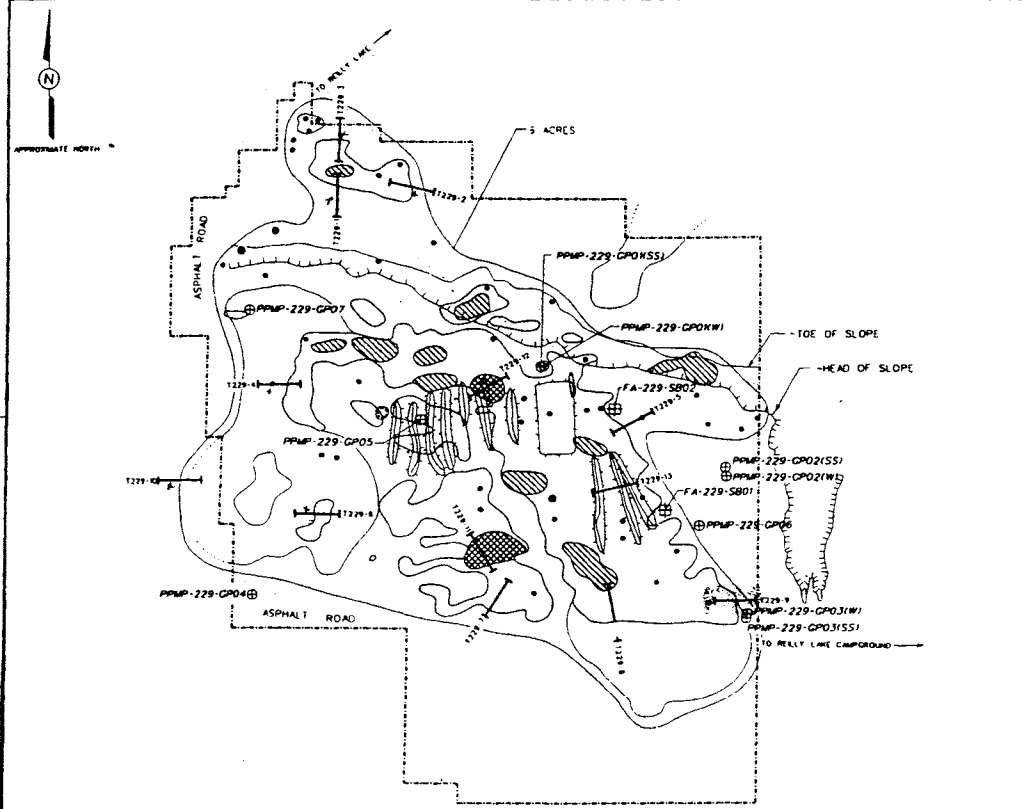
TRENCH LOG	District: Mobile USACE	Trench Number: T229-9
Company Name: IT Corporation		Sheet 1 of 3 Sheets

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: DAVID AYALA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, LEL; FID	Trench Location: NW REILLY FIELD, PARCEL 229(7)
	Surface Elevation: TBD
	Date Started: 3/13/00 — Date Completed: 3/13/00
Overburden Thickness: 11'	Total Depth of Trench: 11'
Depth Rock Encountered:	Total Length of Trench: 50
Disposition of Trench: Backfilled ✓	Signature of Geologist: Denton Hill

Location Sketch/Comments — Scale: AS SHOWN

DETECTIONS EXCEEDING BACKGROUND LIMITS WERE NOT DETECTED DURING TRENCHING OPERATIONS USING THE PHOTOIONIZATION DETECTOR, FLAME IONIZATION DETECTOR, AND LOWER EXPLOSIVITY LIMIT DETECTOR.

TRENCH WAS EXCAVATED IN LEVEL C PPE.



LEGEND

- GEOPHYSICAL SURVEY BOUNDARY
- LOW CONCENTRATION OF BURIED METAL
- MODERATE CONCENTRATION OF BURIED METAL
- HIGH CONCENTRATION OF BURIED METAL
- BURIED METAL OBJECT
- ELEVATED CONDUCTIVITY ANOMALY
- LOW CONCENTRATION OF SURFACE DEBRIS
- MODERATE CONCENTRATION OF SURFACE DEBRIS
- SURFACE METAL OBJECT
- MOUND
- DEPRESSION
- PARCEL BOUNDARY
- TOPOGRAPHIC CONTOURS
- MARSH / WETLANDS
- TREES / TREELINE
- PROPOSED FILL MATERIAL TRENCH EXCAVATION
- EXISTING RESIDUUM MONITORING WELL LOCATION
- PROPOSED SUBSURFACE SOIL SAMPLE AND SOIL BORING LOCATION

SCALE: 0 — 100 — 200 FEET

FIGURE 2-14
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA NORTHWEST OF REILLY FIELD PARCEL 229(7)

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

IT CORPORATION
A Member of The IT Group

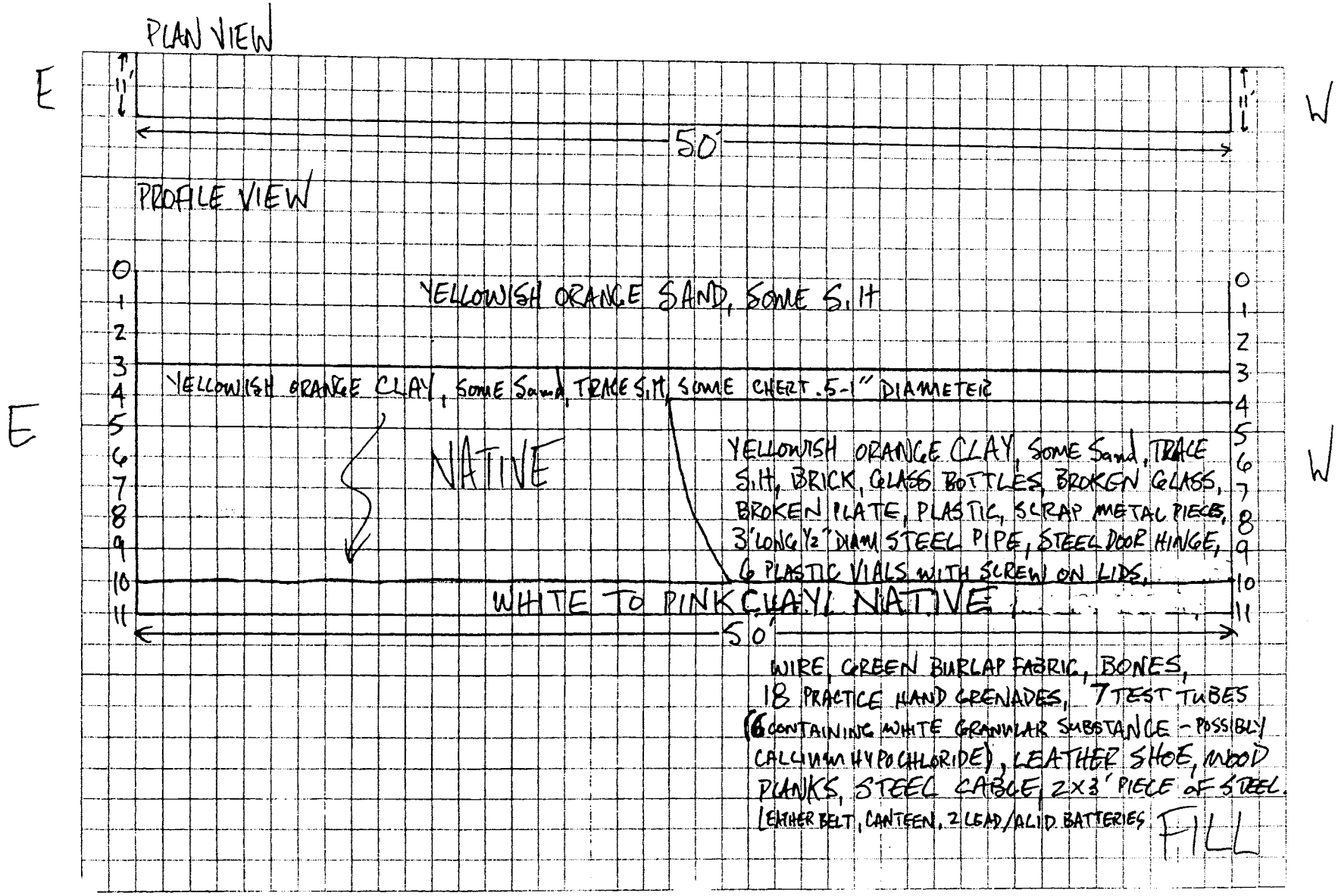
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T229-9

Test Pi. Classification Log

Project: Fort McClellan, SAD TERC
Parcel# Z29 (7)
Date: 3/13/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

T ch Location: T 229-9
Equipment used: CAT 320 TRACKHOE

Page 2 of 2 Pages
Excavation size:
50 X 3 X 11 = 1650 ft3
Length Width Depth Volume



TRENCH CLASSIFICATION LOG

(continuation sheet)

Trench Number: T 229-9

Project: Fort McClellan, SAD TERC

Geologist: DENTON HILL

Sheet 3 of 3 Sheet(s)

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	2	YELLOWISH ORANGE SAND, SOME SILT	S		SL. MOIST
	4	YELLOWISH ORANGE CLAY, SOME SAND, TRACE SILT, SOME .5-1" DIAM. CHERT	CL		SL. MOIST
	6 8	YELLOWISH ORANGE CLAY, SOME SAND, TRACE SILT, FILL	CL		MOIST
	10	WHITE TO PINK CLAY NATIVE	CL		SL. MOIST
	11				

Project Fort McClellan, SAD TERC

Trench Number T229-9

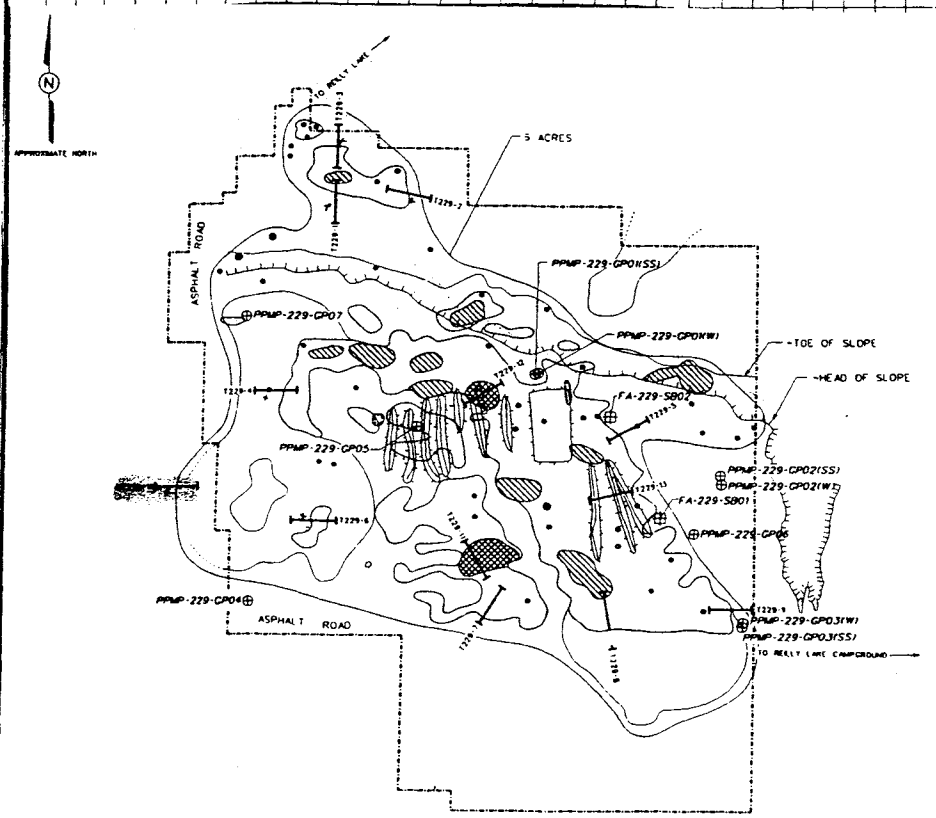
TRENCH LOG	District: Mobile USACE	Trench Number: T229-10
Company Name: IT Corporation		Sheet 1 of 3 Sheets

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: DAVID AYALA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, LEL; FID	Trench Location: NW REILLY AIRFIELD, PARCEL
	Surface Elevation: TBD
	Date Started: 3/8/00 — Date Completed: 3/8/00
Overburden Thickness: 10'	Total Depth of Trench: 10'
Depth Rock Encountered: NA	Total Length of Trench: 56'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Denton Hill

Location Sketch/Comments — Scale: AS SHOWN

DETECTIONS EXCEEDING BACKGROUND LIMITS WERE NOT ENCOUNTERED DURING TRENCHING OPERATIONS USING THE PHOTOIONIZATION DETECTOR, FLAME IONIZATION DETECTOR, AND LOWER EXPLOSIVITY LIMIT DETECTOR.

TRENCH EXCAVATED IN LEVEL C PPE.



LEGEND

- GEOPHYSICAL SURVEY BOUNDARY
- LOW CONCENTRATION OF BURIED METAL
- MODERATE CONCENTRATION OF BURIED METAL
- HIGH CONCENTRATION OF BURIED METAL
- BURIED METAL OBJECT
- ELEVATED CONDUCTIVITY ANOMALY
- LOW CONCENTRATION OF SURFACE DEBRIS
- MODERATE CONCENTRATION OF SURFACE DEBRIS
- SURFACE METAL OBJECT
- MOUND
- DEPRESSION
- PARCEL BOUNDARY
- TOPOGRAPHIC CONTOURS
- MARSH / WETLANDS
- TREES / TREELINE
- PROPOSED FILL MATERIAL TRENCH EXCAVATION
- EXISTING RESIDUUM MONITORING WELL LOCATION
- PROPOSED SUBSURFACE SOIL SAMPLE AND SOIL BORING LOCATION

SCALE: 0 — 100 — 200 FEET

FIGURE 2-14
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA NORTHWEST OF REILLY FIELD PARCEL 229(7)

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

IT CORPORATION
A Member of The IT Group

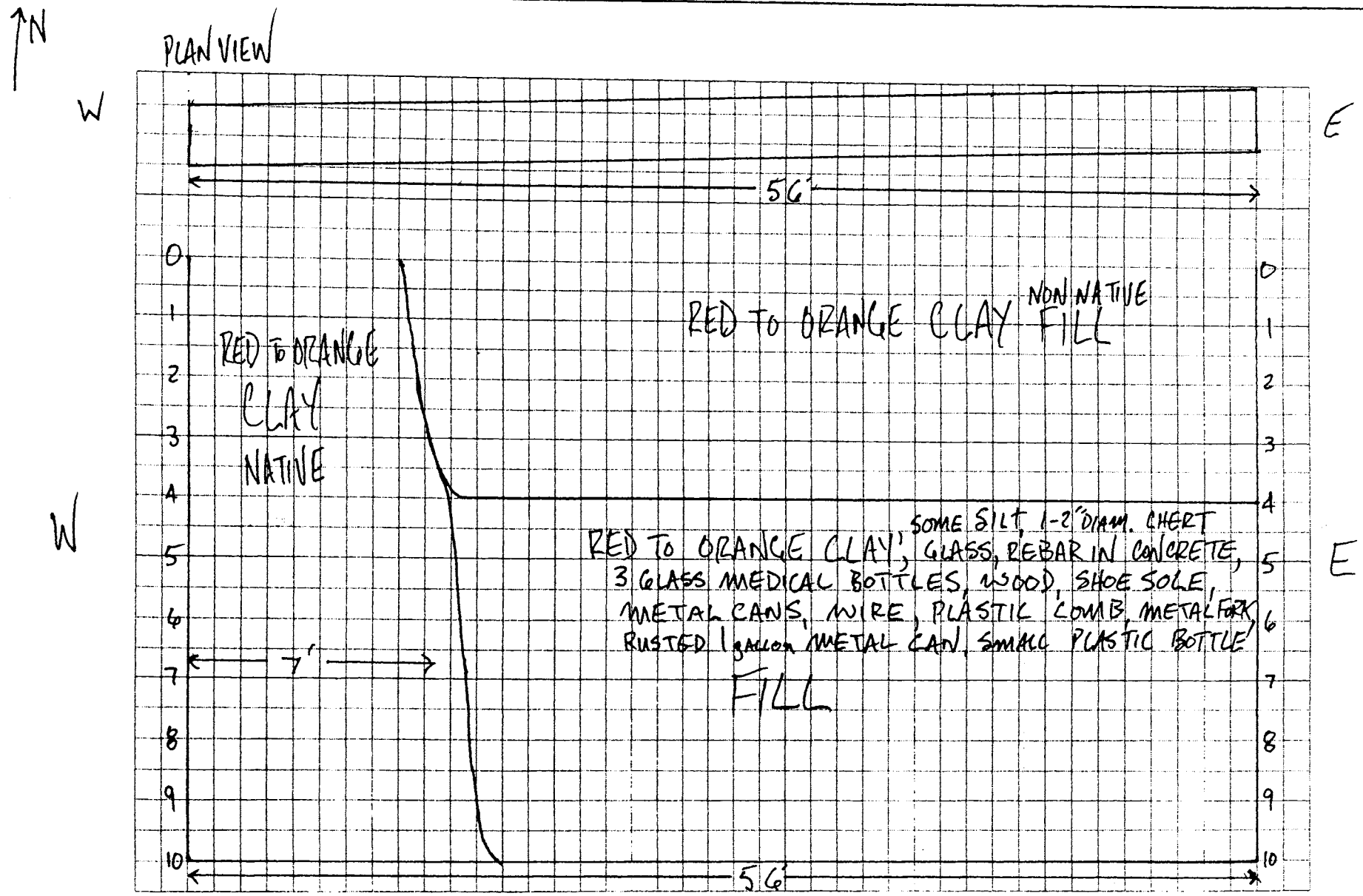
Project	Trench Number
Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	T229-10

Test Pit Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 229 (7)
Date: 3/8/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

Trench Location: 7 229-10
Equipment used: CAT 320 TRACKHOE

Page 2 of 2 pages
Excavation size:
56 X 3 X 10 = 1680 FT3
Length Width Depth Volume



TRENCH CLASSIFICATION LOG (continuation sheet)	Trench Number: T229-10
Project: Fort McClellan, SAD TERC	Geologist: DENTON HILL — Sheet 3 of 3 Sheet(s)

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	1, 2, 3	RED TO ORANGE CLAY NON NATIVE FILL	CL	0.0	MOIST
	4, 5, 6, 7	RED TO ORANGE CLAY, SOME SILT, 1-2" DIAM CHERT, FILL		0.0	MOIST
	8, 9, 10				

Project Fort McClellan, SAD TERC	Trench Number: T229-10

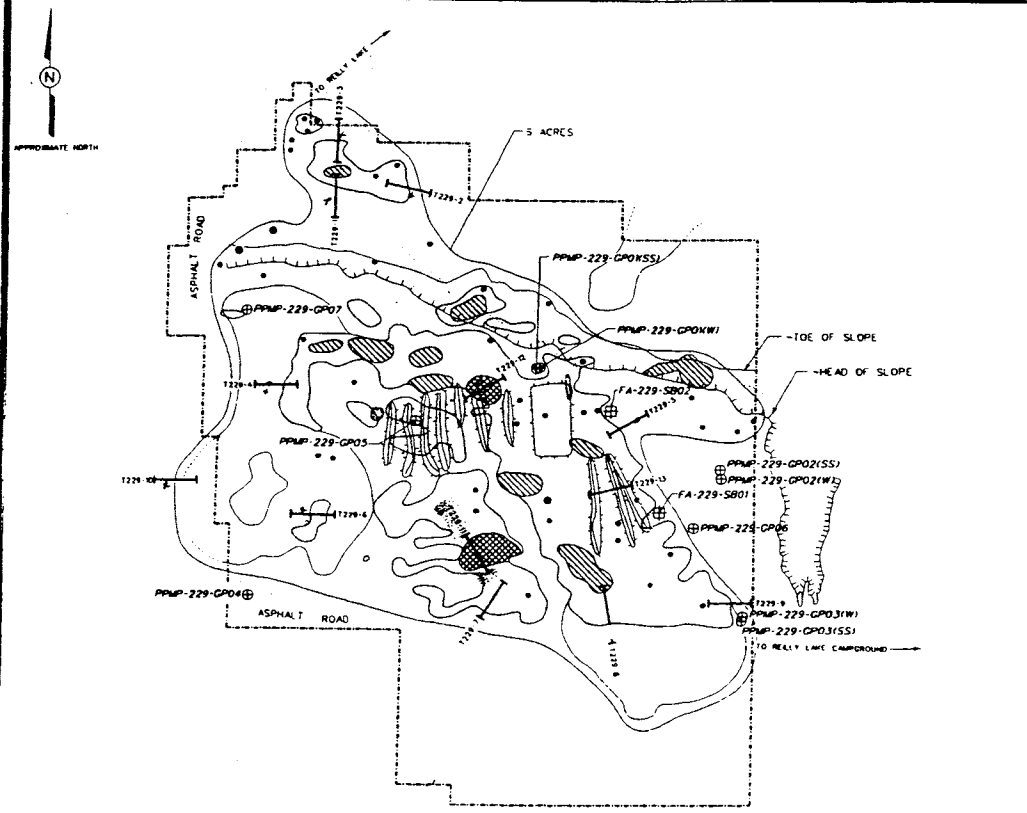
TRENCH LOG	District: Mobile USACE	Trench Number: T229-11
Company Name: IT Corporation		Sheet 1 of 3 Sheets

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: DAVID AYALA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, LEL, FID	Trench Location: NW REILLY ~~AIRFIELD~~ FIELD PARCEL 229 (7)
	Surface Elevation: TBD
	Date Started: 3/9/00 — Date Completed: 3/9/00
Overburden Thickness: 14'	Total Depth of Trench: 14'
Depth Rock Encountered:	Total Length of Trench: 55'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Denton Hill

Location Sketch/Comments — Scale: AS SHOWN

DETECTIONS EXCEEDING BACKGROUND LIMITS WERE NOT DETECTED DURING TRENCHING OPERATIONS USING THE PHOTOIONIZATION DETECTOR, FLAME IONIZATION DETECTOR, AND LOWER EXPLOSIVITY LIMIT DETECTOR.

TRENCH WAS EXCAVATED IN LEVEL C PPE.



LEGEND

- GEOPHYSICAL SURVEY BOUNDARY
- LOW CONCENTRATION OF BURIED METAL
- MODERATE CONCENTRATION OF BURIED METAL
- HIGH CONCENTRATION OF BURIED METAL
- BURIED METAL OBJECT
- ELEVATED CONDUCTIVITY ANOMALY
- LOW CONCENTRATION OF SURFACE DEBRIS
- MODERATE CONCENTRATION OF SURFACE DEBRIS
- SURFACE METAL OBJECT
- MOUND
- DEPRESSION
- PARCEL BOUNDARY
- TOPOGRAPHIC CONTOURS
- MARSH / WETLANDS
- TREES / TREELINE
- PROPOSED FILL MATERIAL TRENCH EXCAVATION
- EXISTING RESIDUUM MONITORING WELL LOCATION
- PROPOSED SUBSURFACE SOIL SAMPLE AND SOIL BORING LOCATION

SCALE: 0 100 200 FEET

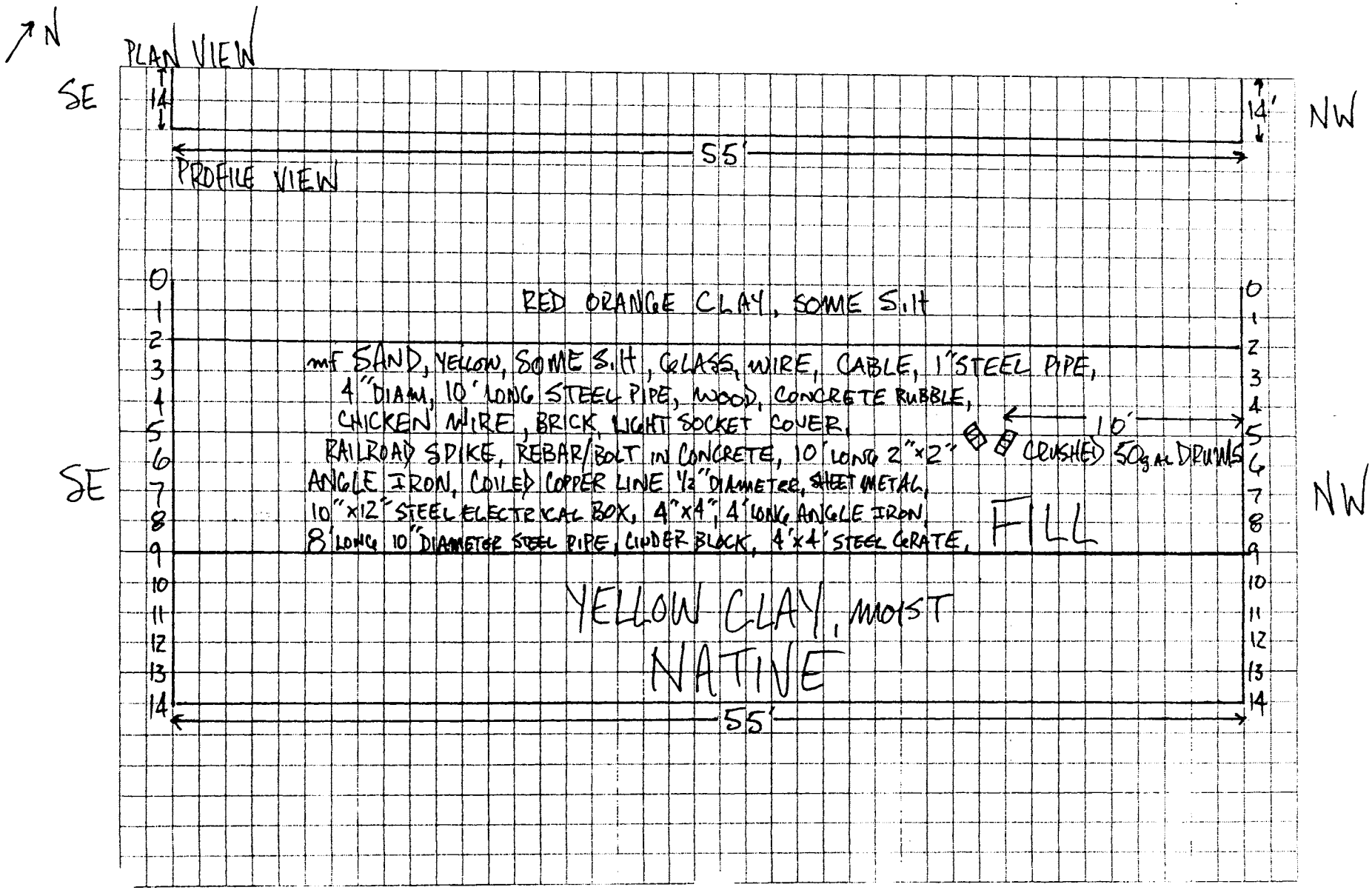
FIGURE 2-14
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA NORTHWEST OF REILLY FIELD PARCEL 229(7)

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

IT CORPORATION
A Member of The IT Group

Project	Trench Number
Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	T229-11

Test Pit Classification Log	Project: Fort McClellan, SAD TERC Parcel# 229 (7) Date: 3/9/00 * Provide Sketch of Sidewall Geologist: DENTON HILL	Pit Location: T229-11 Equipment used: CAT 320 TRACKHOE	Page 2 of 3 Pages Excavation size: 55 X 3 X 14 = 2310 FT3 Length Width Depth Volume



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T229-11

Project: Fort McClellan, SAD TERC

Geologist: DENTON HILL

Sheet 3 of 3 Sheet(s)

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	1	RED ORANGE CLAY, SOME SILT	CL	0.0	SL. MOIST
	2				
	3	mf YELLOW SAND, SOME SILT	S	0.0	MOIST
	4				
	5				
	6				
	7				
	8				
	9				
	10	YELLOW CLAY	CL	0.0	MOIST
	11				
	12				
	13				
	14				

Project Fort McClellan, SAD TERC

Trench Number: T229-11

TRENCH LOG	District: Mobile USACE	Trench Number: T 229-12
Company Name: IT Corporation		Sheet 1 of 3 Sheets

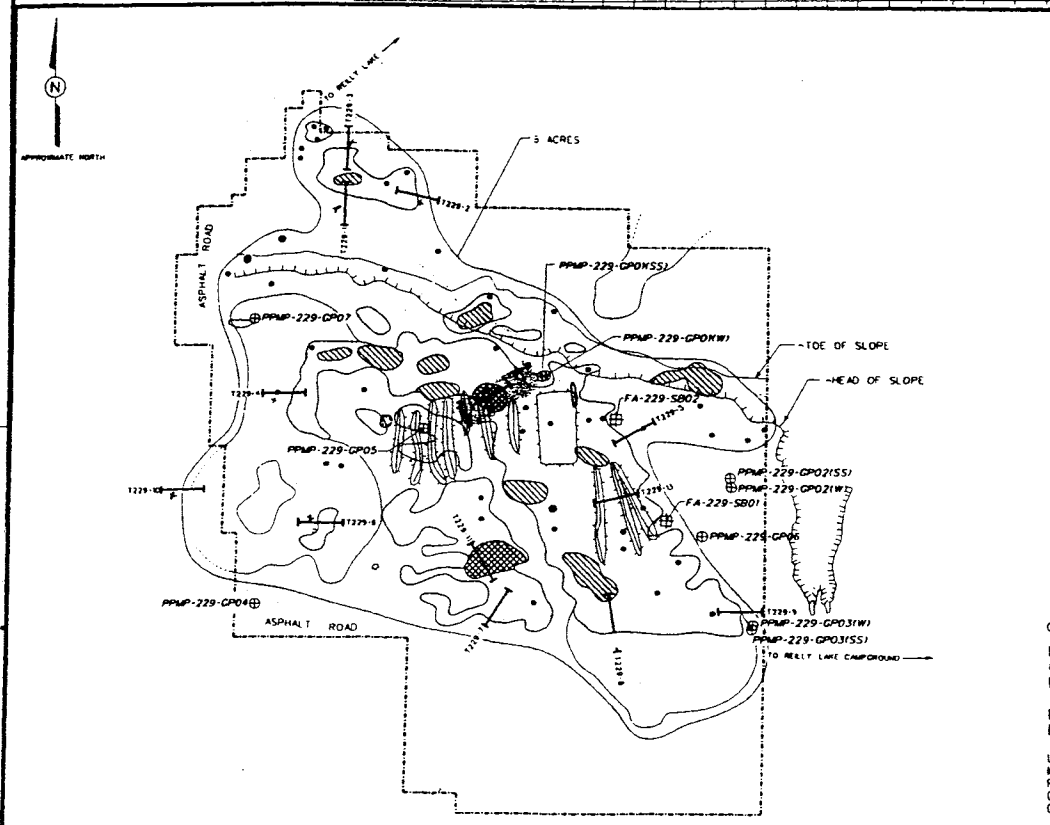
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: DAVID AYALA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, LEL; FID	Trench Location: NW REILLY FIELD, PARCEL 229 (7)
	Surface Elevation: TBD
	Date Started: 3/9/00 — Date Completed: 3/10/00
Overburden Thickness: 12'	Total Depth of Trench: 12'
Depth Rock Encountered: NA	Total Length of Trench: 40'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Demon Hill

Location Sketch/Comments — Scale: AS SHOWN

DETECTIONS, EXCEEDING BACKGROUND LIMITS WERE NOT DETECTED DURING TRENCHING OPERATIONS USING THE PHOTOIONIZATION DETECTOR, FLAME IONIZATION DETECTOR, AND LOWER EXPLOSIVITY LIMIT DETECTOR.

TRENCH WAS EXCAVATED IN LEVEL C PPE.

MEDICAL WASTE FOUND IN THIS TRENCH WAS BAGGED, LABELED, AND DRUMMED. SAFETY FENCE AND CAUTION TAPE WAS INSTALLED AROUND BACKFILLED TRENCH AND DRUM.



LEGEND

- GEOPHYSICAL SURVEY BOUNDARY
- LOW CONCENTRATION OF BURIED METAL
- MODERATE CONCENTRATION OF BURIED METAL
- HIGH CONCENTRATION OF BURIED METAL
- BURIED METAL OBJECT
- ELEVATED CONDUCTIVITY ANOMALY
- LOW CONCENTRATION OF SURFACE DEBRIS
- MODERATE CONCENTRATION OF SURFACE DEBRIS
- SURFACE METAL OBJECT
- MOUND
- DEPRESSION
- PARCEL BOUNDARY
- TOPOGRAPHIC CONTOURS
- MARSH / WETLANDS
- TREES / TREELINE
- PROPOSED FILL MATERIAL TRENCH EXCAVATION
- EXISTING RESIDUUM MONITORING WELL LOCATION
- PROPOSED SUBSURFACE SOIL SAMPLE AND SOIL BORING LOCATION

SCALE: 0 100 200 FEET

FIGURE 2-14
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA NORTHWEST OF REILLY FIELD PARCEL 229(7)

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

IT CORPORATION
A Member of The IT Group

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T229-12

Test Pit Classification Log

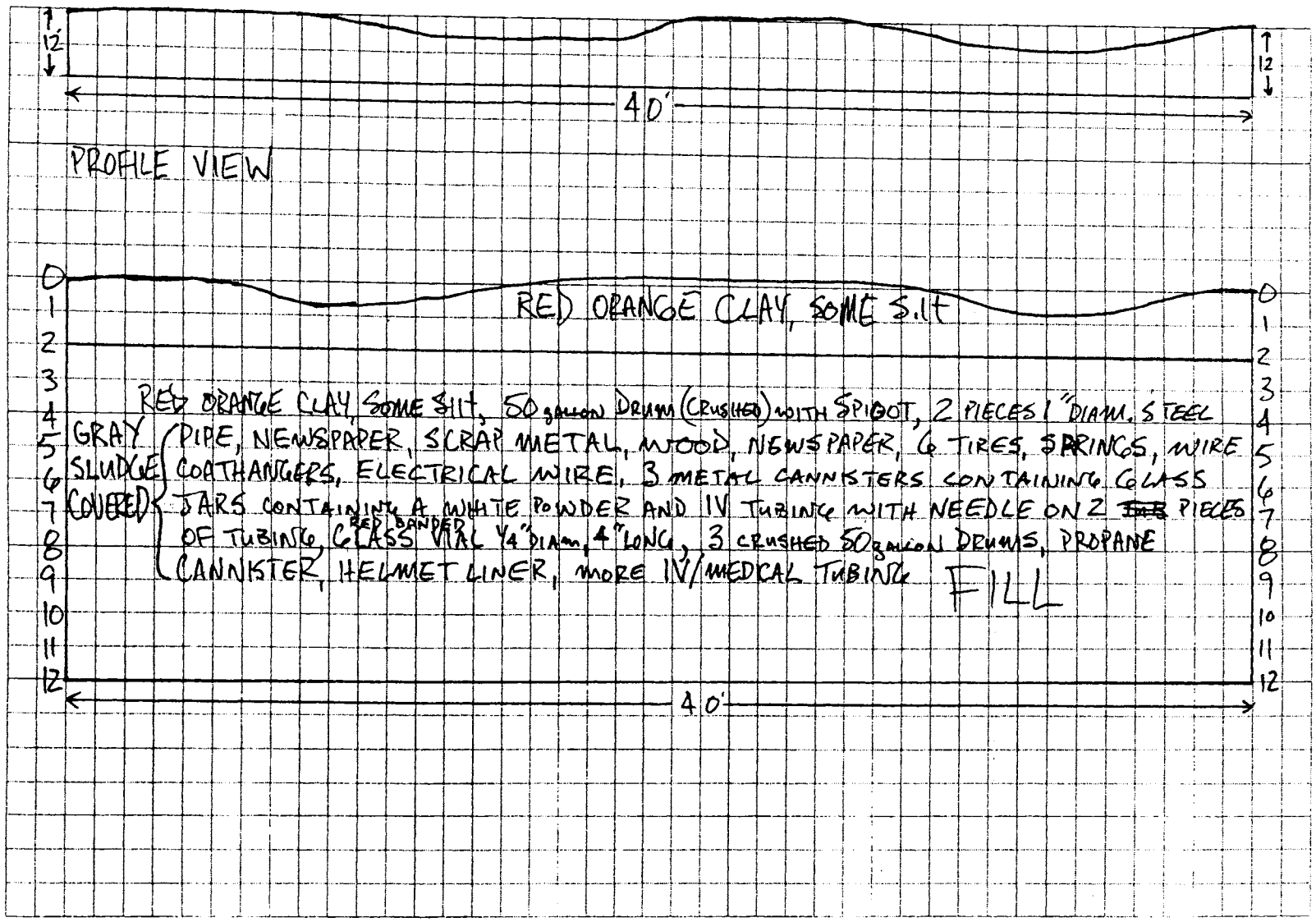
Project: Fort McClellan, SAD TERC
Parcel# 229 (7)
Date: 3/10/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

Trench Location: T229-12
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
40 X 3 X 12 = 1440 FT3
Length Width Depth Volume

N

PLAN VIEW



TRENCH CLASSIFICATION LOG (continuation sheet)	Trench Number: T229-12
Project: Fort McClellan, SAD TERC	Geologist: DENTON HILL — Sheet 3 of 3 Sheet(s)

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
		RED ORANGE CLAY, SOME SILT	CL		V. MOIST
	2				
	4	RED ORANGE CLAY, SOME SILT, FILL - GRAY SLUDGE COVERED	CL		V. MOIST TO SATURATED
	6				
	8				
	10				
	12				

Project Fort McClellan, SAD TERC	Trench Number: T229-12

TRENCH LOG	District: Mobile USACE	Trench Number: T229-13
Company Name: IT Corporation		Sheet 1 of 3 Sheets

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: DAVID AYALA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, LEL; FID	Trench Location: NW REILLY FIELD, PARCEL 229 (7)
	Surface Elevation: TBD
	Date Started: 3/14/00 — Date Completed: 3/14/00
Overburden Thickness: 14'	Total Depth of Trench: 14'
Depth Rock Encountered: NA	Total Length of Trench: 50'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Denton Hill

Location Sketch/Comments — Scale: AS SHOWN

DETECTIONS EXCEEDING BACKGROUND LIMITS WERE NOT DETECTED DURING TRENCHING OPERATIONS USING THE PHOTOIONIZATION DETECTOR, FLAME IONIZATION DETECTOR, AND LOWER EXPLOSIVITY LIMIT DETECTOR.

TRENCH WAS EXCAVATED IN LEVEL C PPE.

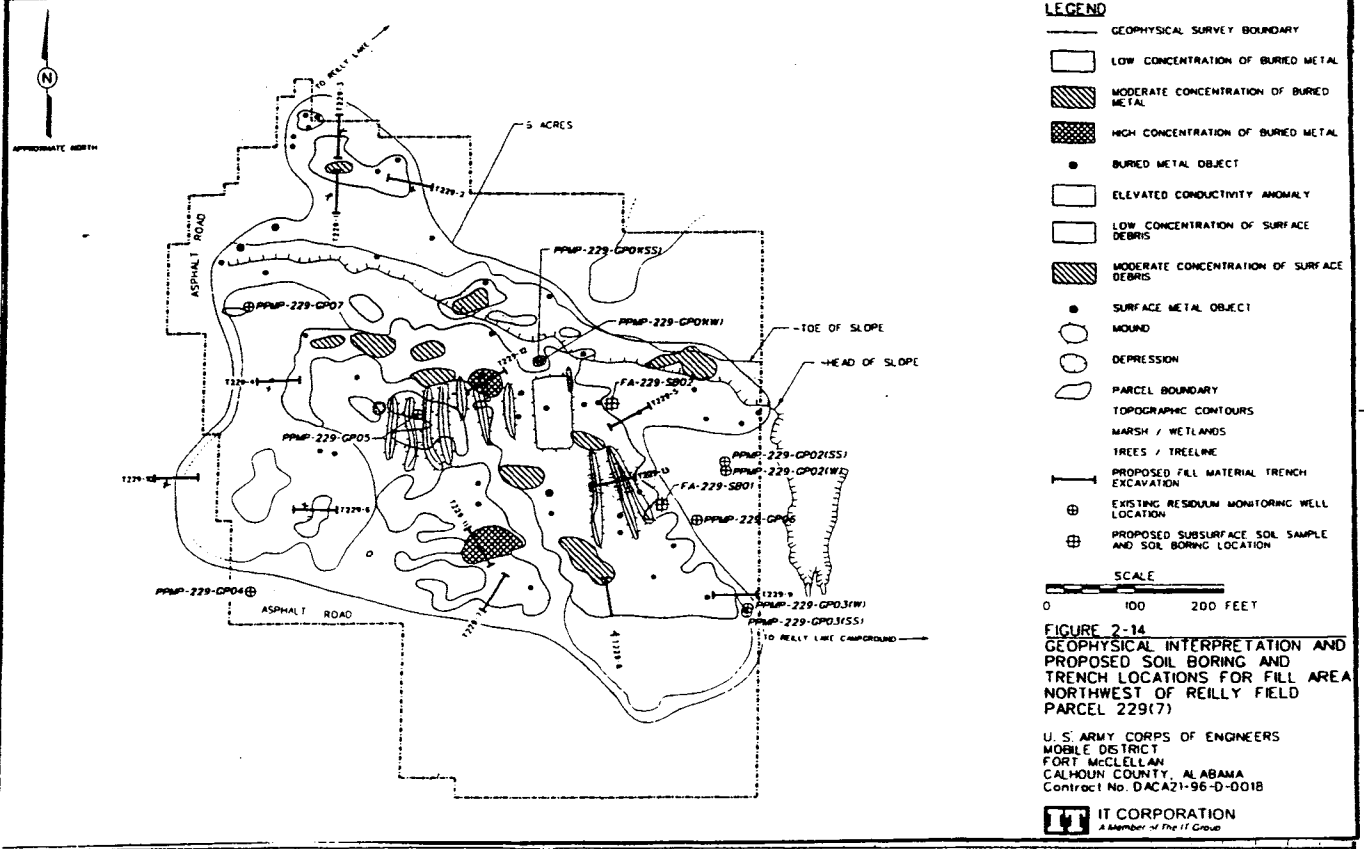


FIGURE 2-14
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA NORTHWEST OF REILLY FIELD PARCEL 229(7)

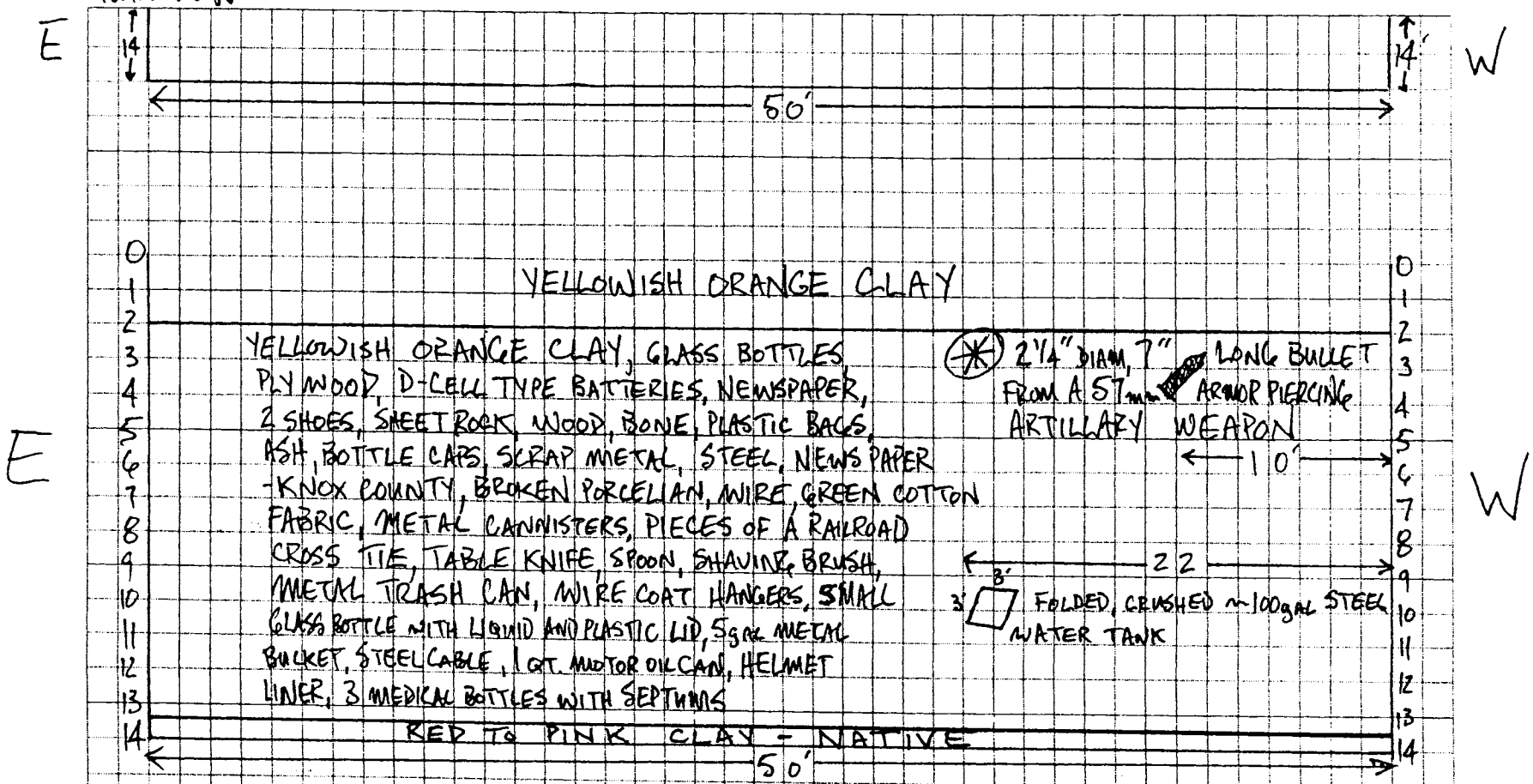
U. S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

IT CORPORATION
A Member of The IT Group

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T229-13

Test Pit Classification Log	Project: Fort McClellan, SAD TERC Parcel# 229 (7) Date: 3/14/00 * Provide Sketch of Sidewall Geologist: DENTON HILL	nch Location: T229-13 Equipment used: CAT 320 TRACKHOE	Page 2 of 3 Pages Excavation size: 50 X 3 X 14 = 2100 FT3 Length Width Depth Volume

PLAN VIEW



(*) TRENCHING ACTIVITIES WERE STOPPED at Approx. 0900. STAFF SERGEANT MICHEAL BUSH OF the FTMC TRANSITION FORCE WAS CONTACTED UPON DISCOVERY OF THE ROUND. STAFF SERGEANT BUSH EXAMINED the ROUND AND DETERMINED IT INERT AND NOT DANGEROUS. IT COND RESU TRENCHING APPROXIMATELY 1000.

1/3/1

TRENCH CLASSIFICATION LOG (continuation sheet)	Trench Number: T229-13
Project: Fort McClellan, SAD TERC	Geologist: DENTON HILL — Sheet 3 of 3 Sheet(s)

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
		YELLOWISH ORANGE CLAY			MOIST
	2				
	4	YELLOWISH ORANGE CLAY, FILL			MOIST
	6				
	8				
	10				
	12				
	14	RED TO PINK CLAY - NATIVE			SL MOIST

Project Fort McClellan, SAD TERC	Trench Number: T229-13

COMPLETED

TRENCH LOG

Trench Number: PPMP-230-T230-1

Company Name: IT Group	District: Mobile USACE	Sheet: 1 of 46	
Project: Fort McClellan Landfill / Fill Area Investigations		Location: Calhoun County, Alabama	
Name of Equipment Operator: Bear Inc. (Peter Bossiere)		Manufacturer's Designation of Heavy Equipment: Komatsu PLC250	
Sizes and Types of Equipment Used: remote controlled excavator, Bucket = 3' x 5'		Trench Location: PPMP-230-T230-1	
		Surface Elevation: TBD	
Level of PPE required: Level C		Date Started: 11/2/00	Date Completed: 11/2/00
Overburden Thickness: N/A		Depth Groundwater Encountered: N/A	
Depth Rock Encountered: N/A	Depth of Trench: Varies ~~4 Feet~~	Trench Length: 45 Feet and 20 feet	
Disposition of Trench: N/A	Backfilled: X	Signature of Geologist: James Dendy	

Deviations made due to problems encountered while trenching: None.

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

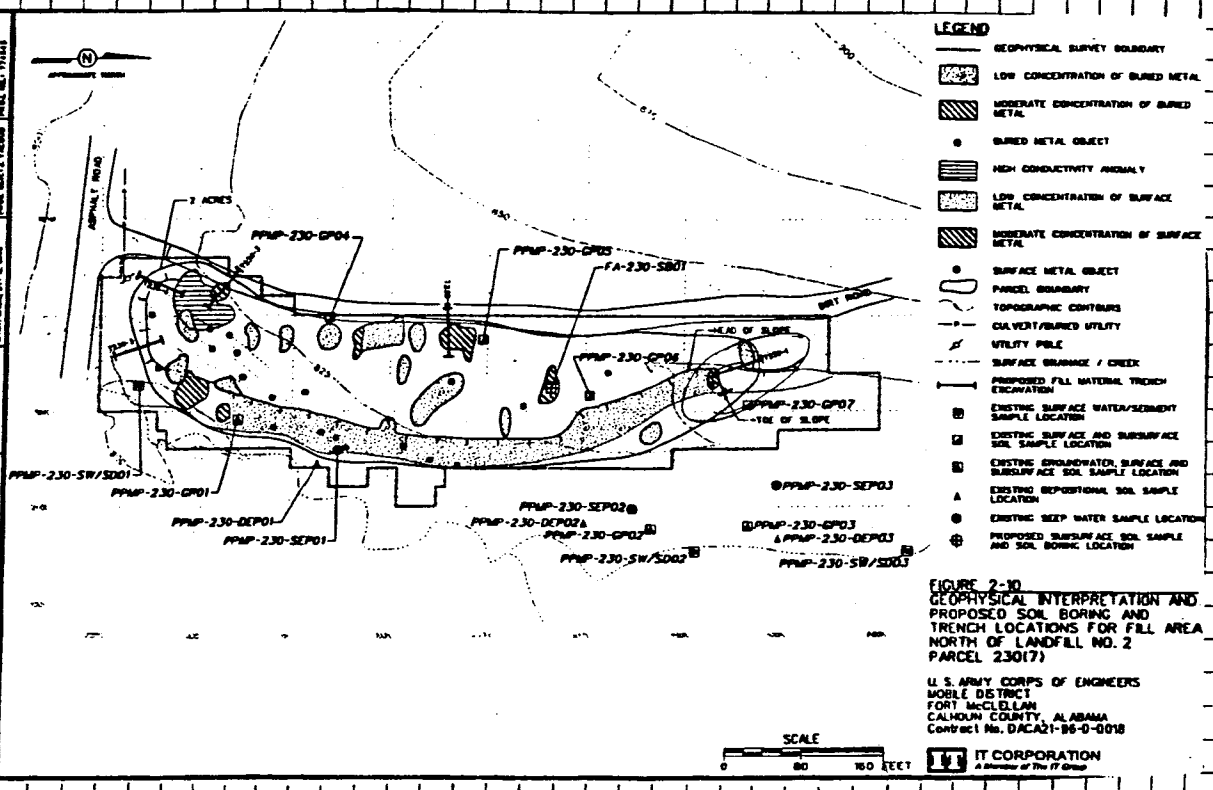


FIGURE 2-10
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA NORTH OF LANDFILL NO. 2 PARCEL 230(7)

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-230-T230-1

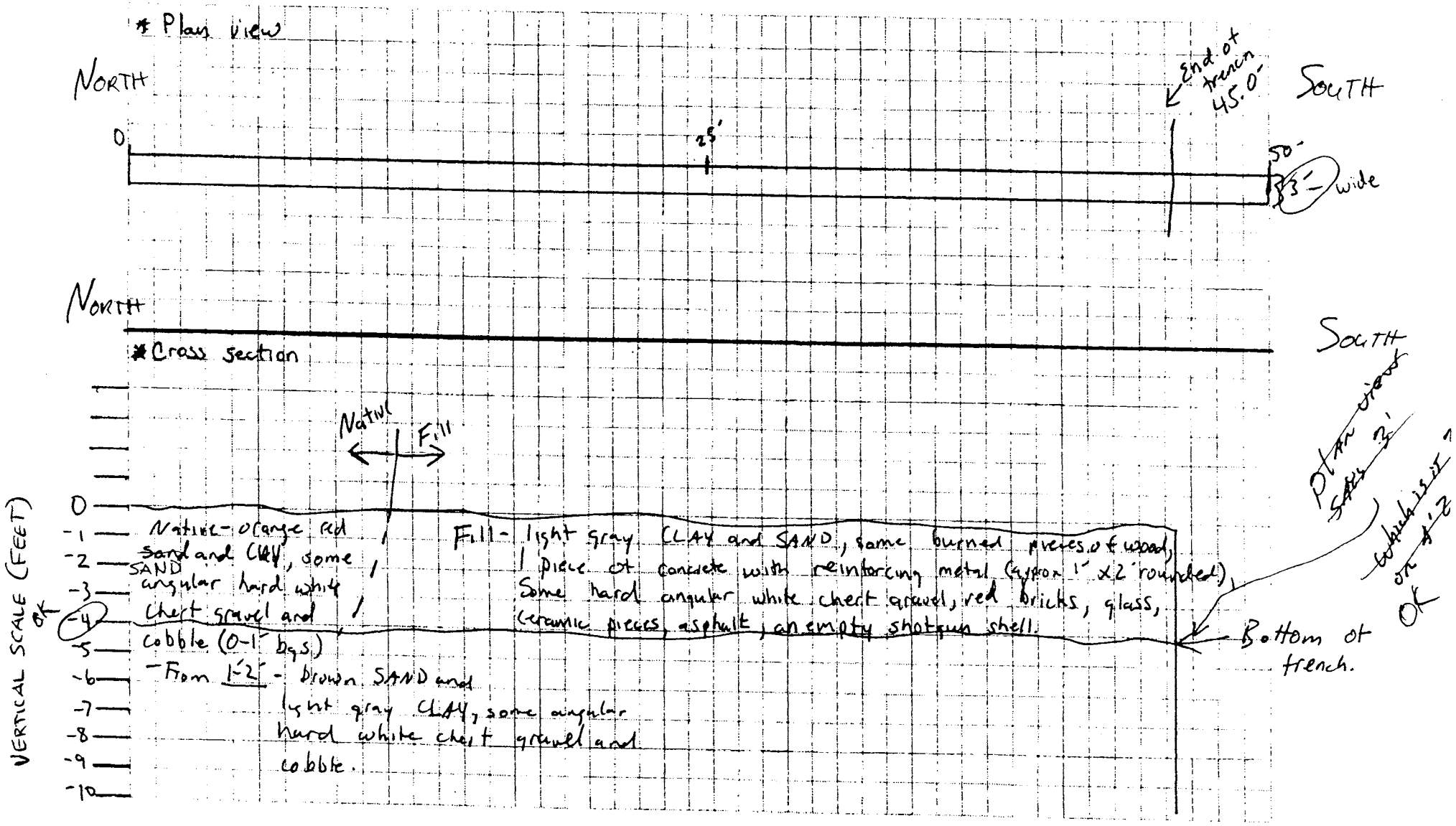
N/A = Not Applicable.

Test Pit Classification Log

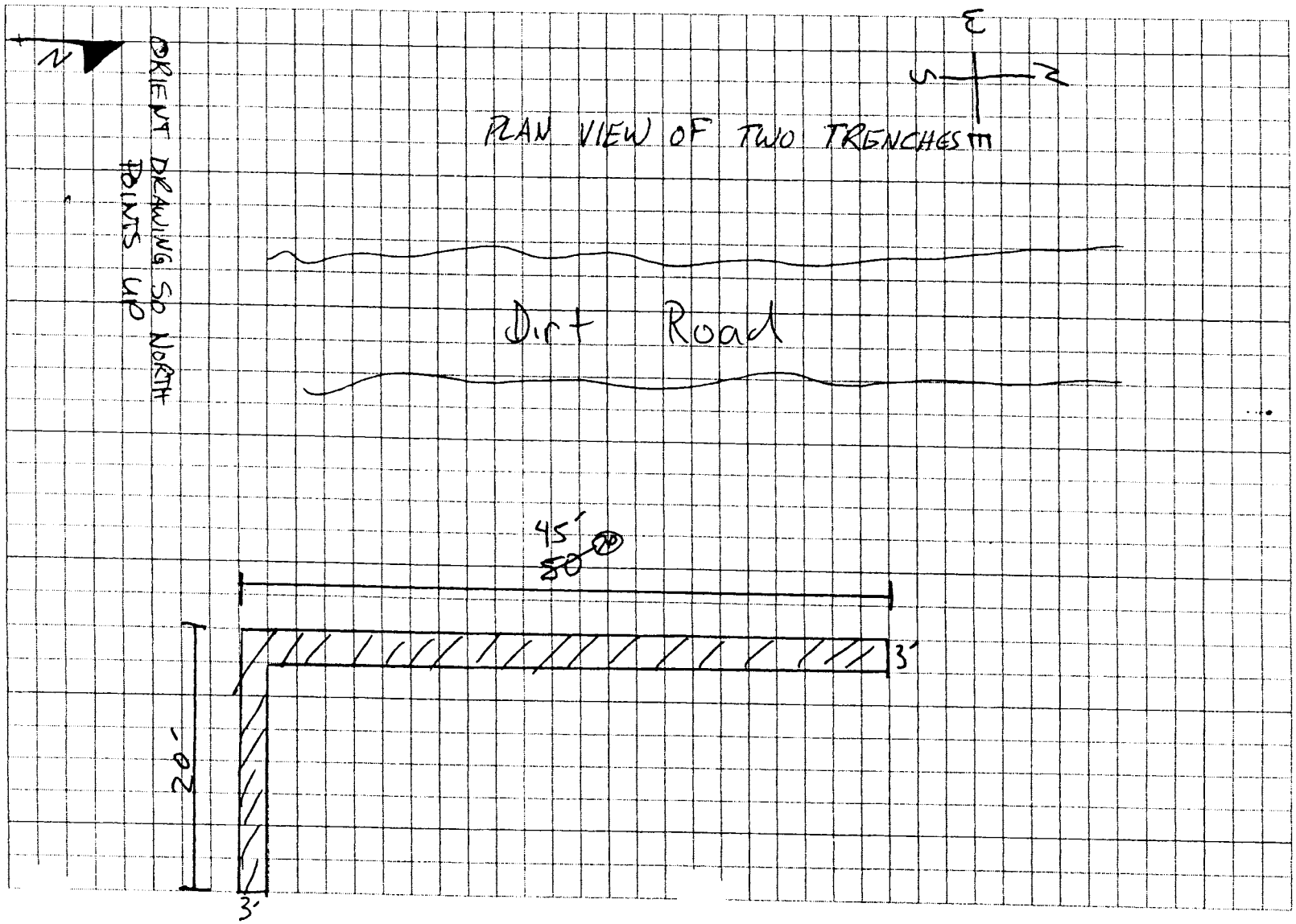
Project: Fort McClellan, SAD TERC
Parcel# PPMP-230-T230-1
Date: 11/2/00
* Provide Sketch of Sidewall
Geologist: James Dendy

Trench Location: PPMP-230-T230-1 Page 2 of ~~4~~ 6 Pages
Equipment used: Remote control excavator (1 bucket - 3' x 5')

Excavation size:
50 X 3 X 4 = 600 ft³
Length Width Depth Volume



Test Pit Classification Log	Project: Fort McClellan, SAD TERC Parcel# PPMP-230-T230-1 Date: 11/2/00 * Provide Sketch of Sidewall Geologist: James Dendy	Trench Location: PPMP-230-T230-1 Page 3 of 4 Pages Equipment used: remote controlled excavator, PID, LEL/O2, level (1 bucket = 3'x5') "C" PPE Excavation size: N/A X N/A X N/A = Length Width Depth Volume



Test Pit Classification Log	Project: Fort McClellan, SAD TERC Parcel# PPMP-230-T230-1 Date: 11/2/00 * Provide Sketch of Sidewall Geologist: James Dendy	Trench Location: PPMP-230-T230-1 Equipment used: remote controlled excavator (1 bucket = 3' x 5')	Page 4 of ~~4~~ 0 Pages Excavation size: 20 X 3 X 7 = 420 ft³ Length Width Depth Volume

* Plan View

WEST 0 — 20' ~~30'~~ 33' EAST

~~Page 3 says 45' what is it 30' (or) 45'?~~

* Cross Section.

WEST 0 ~~Horizontal scale (feet?)~~ EAST

Vertical scale (Feet)

0
-1 orange red SAND and CLAY, a piece of blue metal (approx 2' x 0.5"), ceramic pieces, plastic piece (approx 2' x 4"), Fill.
-2
-3 gray SAND and CLAY, some hard angular white chert Gravel, a piece of black clay pipe (approx 6" x 6") a piece of a 100 lb concrete bomb (approx 1' x 1'), Fill.
-4
-5
-6 gray SAND and CLAY, some angular white chert Gravel, pieces of metal wire (approx 0.01" x 2"), a blue piece of tin foil (approx 2" x 6")
-7
-8 burned roots, burned wood, red bricks, Fill.

All Fill

Bottom of excavation.

TEST PIT CLASSIFICATION LOG

(continuation sheet)

~~Parcel~~ Number: Trench T230-1

Project: Fort McClellan, SAD TERC

Geologist: James Dendy

Sheet 5 of 6 Sheets

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	0	NATIVE: Orange red SAND and CLAY, some angular hard white chert gravel and cobble (0-1' bgs)	SC		Log for N-S Trench at T230-1
	1	1'-2' Interval the sand is brown and the clay is light gray.			Fill is in the Southern 3/4 section of the trench
	2	Fill to the South:			Some burned pieces of wood, 1 piece of concrete with reinforcing metal (Approx. 1'x2' rounded), red bricks, glass, ceramic pieces, asphalt, an empty shotgun shell.
	3				
	4				Bottom of Trench ~ 4' bgs
	5				
	6				
	7				
	8				
	9				
	10				

trenchHtrwlog

TEST PIT CLASSIFICATION LOG

(continuation sheet)

~~Parcel~~ Trench Number: T230-1

Project: Fort McClellan, SAD TERC

Geologist: James Denny

Sheet 6 of 6 Sheets

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	0	Orange red SAND and CLAY. Fill	SC		Log for ~~West~~ W-E Trench Fill: a piece of blue metal (approx. 2'x0.5"), ceramic pieces, plastic piece (approx 2'x4").
	2	gray SAND and CLAY, some hard angular white chert gravel. Fill	SC		Fill: A piece of black pipe (approx 6"x6") a piece of a 100 lb concrete bomb (approx ~~0.01"x2"~~ 1'x1')
	5	gray SAND and CLAY, some angular white chert gravel. Fill	SC		Fill: metal wind (approx 0.01"x2") a blue piece of tin foil (approx 2"x6"), burned roots, burned wood, red bricks
	7				Bottom of Trench at 7' bgs
	8				
	9				
	10				

Project Fort McClellan, SAD TERC

~~Parcel~~ Trench Number T230-1

trenchHtrwlog

COMPLETED
Sandra Velez

TRENCH LOG

Trench Number: ppmp-230-T230-2

Company Name: IT Group	District: Mobile USACE	Sheet 1 of 23 Sheet(s)
Project: Fort McClellan Landfill / Fill Area Investigations	Location: Calhoun County, Alabama	
Name of Equipment Operator: Bear Inc. (Peter Bossiere)	Manufacturer's Designation of Heavy Equipment: Komatsu PLC250	
Sizes and Types of Equipment Used: remote controlled excavator, Bucket = 3' x 5'	Trench Location: ppmp-230-T230-2	
	Surface Elevation: TBD	
Level of PPE required: Level C	Date Started: 11/1/00	Date Completed: 11/1/00
Overburden Thickness: N/A	Depth Groundwater Encountered: N/A	
Depth Rock Encountered: N/A	Depth of Trench: VARIES	Trench Length: 50
Disposition of Trench: N/A	Backfilled: X	Signature of Geologist: James Dendy

Deviations made due to problems encountered while trenching
None.

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

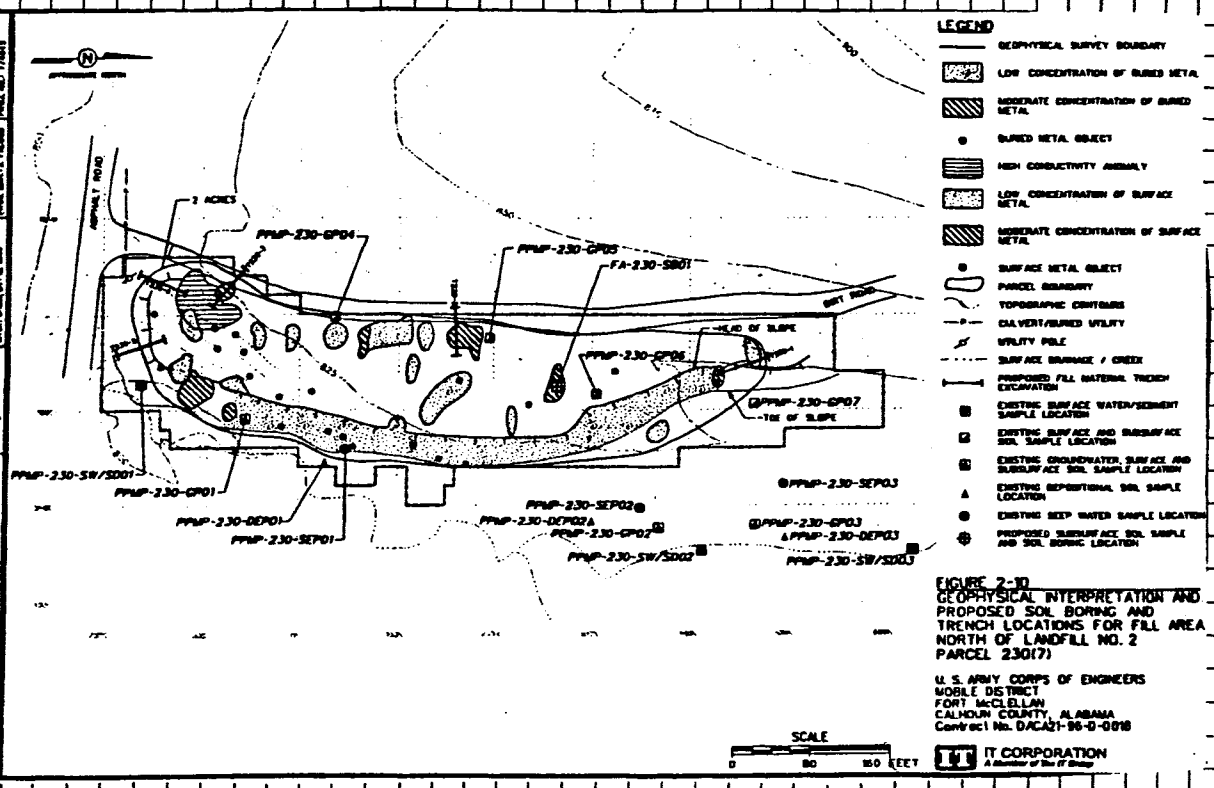


FIGURE 2-10
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA NORTH OF LANDFILL NO. 2 PARCEL 230(7)

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-230-T230-2

N/A = Not Applicable.

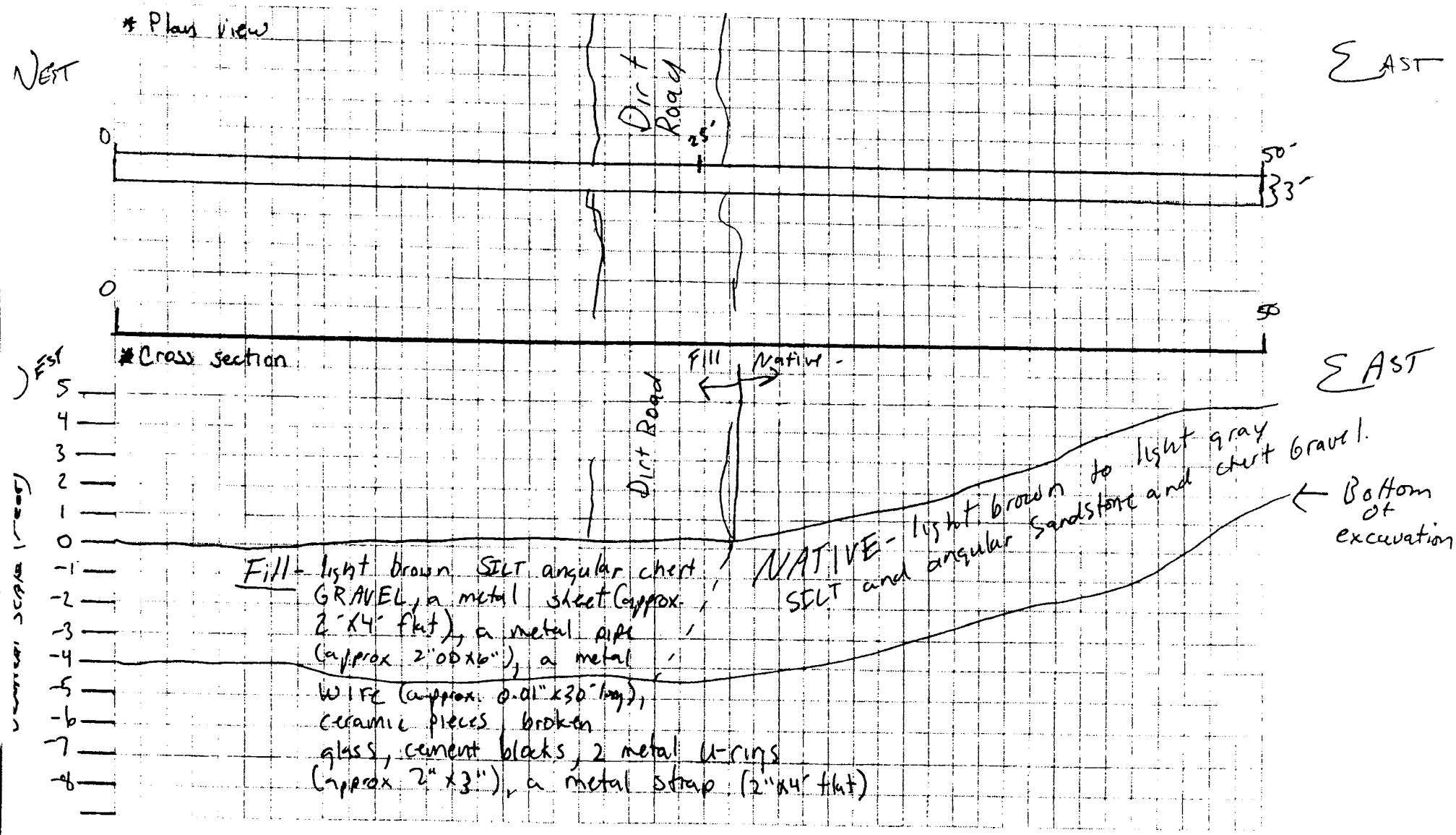
:st Pit
assification
)g

Project: Fort McClellan, SAD TERC
Parcel# PPMP-230-T230-2
Date: 11/1/00
* Provide Sketch of Sidewall
Geologist: James Dendy

Trenc cation: PPMP-230-T230-2
Equipment used: Remote control excavator (1 bucket = 3' x 5')

Page 2 of 2 Pages

Excavation size:
50 X 3 X 4 = 600 ft³
Length Width Depth Volume



TEST PIT CLASSIFICATION LOG (continuation sheet)	~~Parcel~~ Number: Trench T230-2
Project: Fort McClellan, SAD TERC	Geologist: James Dendy — Sheet 3 of 3 Sheets

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	0	light brown to light gray SILT and angular Sandstone and chert gravel. Fill	ML		Fill: in West section of Trench. metal sheet (Approx. 2'x4' x lat), metal Pipe (approx. 2" OD x 6") metal wire (approx 0.01" x 30' long) Ceramic pieces, broken glass, cement blocks, 2 metal wiring (approx 2"x3"), a metal strap (2" x 4' x lat).
	1				
	2				
	3				
	4				Bottom of Trench 4' bgs
	5				
	6				
	7				
	8				
	9				
	10				

Project Fort McClellan, SAD TERC — ~~Parcel~~ Number Trench T230-2

trenchHtrwlog

CORRECTED
[illegible] 12/7/00

TRENCH LOG

Trench Number: PPMP-230-T230-3

Company Name: IT Group	District: Mobile USACE	Sheet 1 of 3 Sheet(s)
Project: Fort McClellan Landfill / Fill Area Investigations	Location: Calhoun County, Alabama	
Name of Equipment Operator: Bear Inc. (Peter Bossiere)	Manufacturer's Designation of Heavy Equipment: Komatsu PLC250	
Sizes and Types of Equipment Used: remote controlled excavator, Bucket = 3' x 5'	Trench Location: PPMP-230-T230-3	
	Surface Elevation: TBD.	
Level of PPE required: Level C	Date Started: 10/31/00	Date Completed: 10/31/00
Overburden Thickness: N/A	Depth Groundwater Encountered: N/A	
Depth Rock Encountered: N/A	Depth of Trench: 4'	Trench Length: 50'
Disposition of Trench: N/A	Backfilled: X	Signature of Geologist: James Dendy

Deviations made due to problems encountered while trenching
None.

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

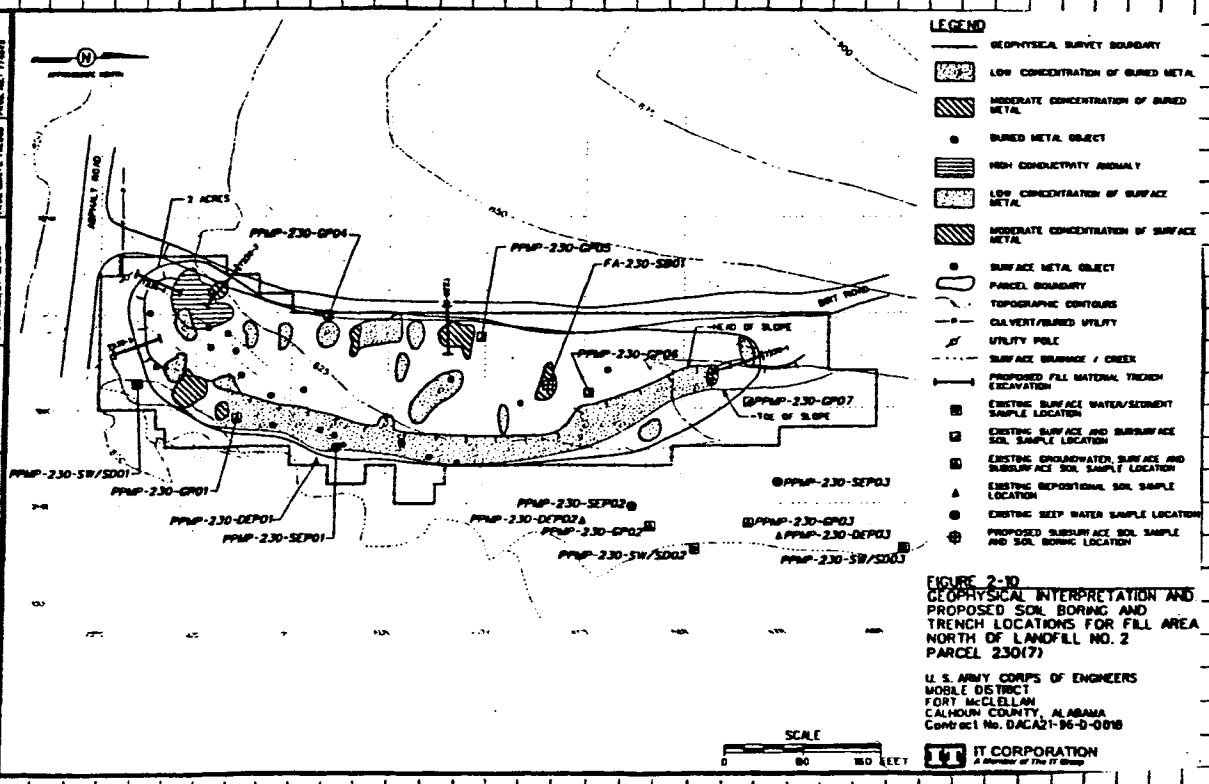


FIGURE 2-10
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA NORTH OF LANDFILL NO. 2 PARCEL 230(7)

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-230-T230-3

N/A = Not Applicable.

'est Pit
:lassification
.og

Project: Fort McClellan, SAD TERC
Parcel# PPMP-230-T230-3
Date: 10/31/00
* Provide Sketch of Sidewall
Geologist: James Dendy

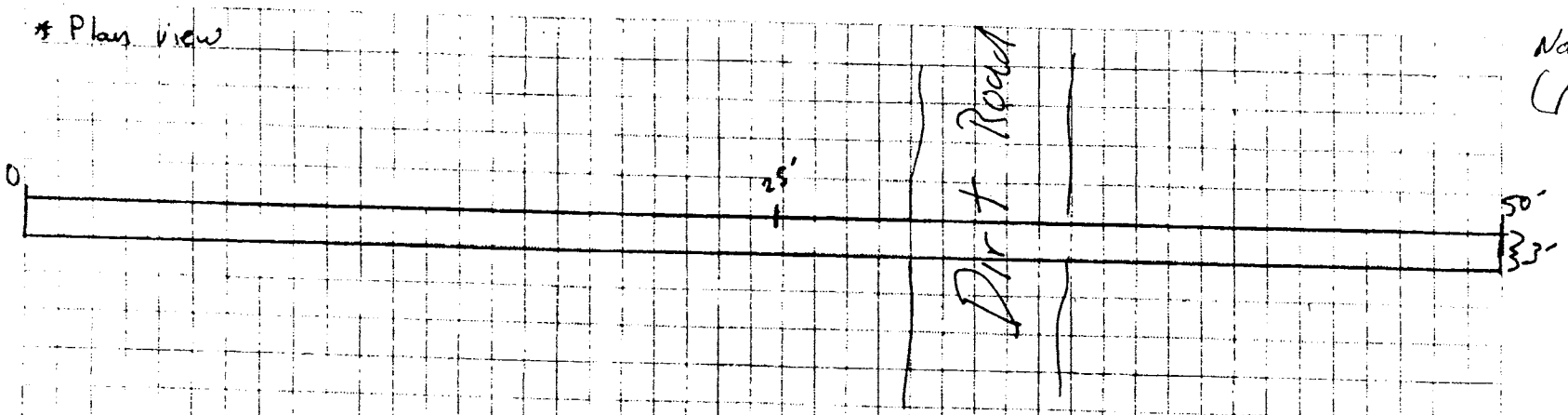
Trench Location: PPMP-230-T230-3 Page 2 of 3 Pages
Equipment used: Remote control excavator (1 bucket = 3' x 5')

Excavation size:
50 X 3 X 4 = 600 ft³
Length Width Depth Volume

Southeast (SE)

* Plan view

Northwest (NW)

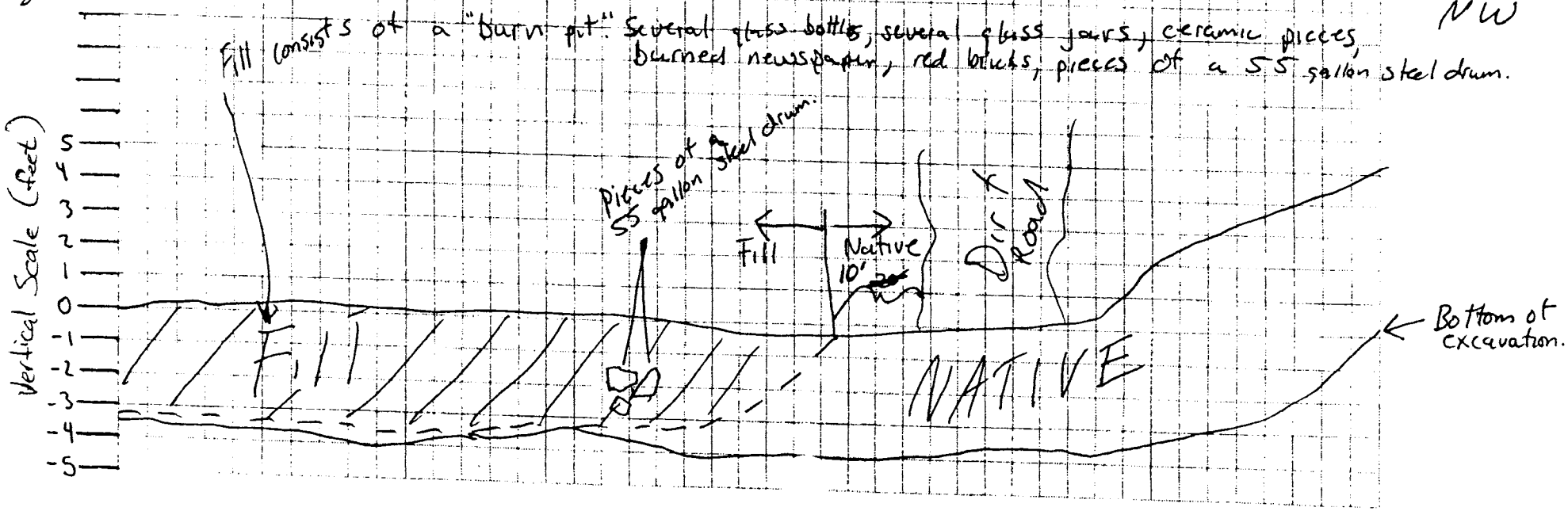


SE

* Cross section

NW

Fill consists of a "burn pit". Several glass bottles, several glass jars, ceramic pieces, burned newspaper, red bricks, pieces of a 55 gallon steel drum.



TEST PIT CLASSIFICATION LOG

(continuation sheet)

~~Parcel~~ Number: Trench T230-3

Project: Fort McClellan, SAD TERC

Geologist: James Denly

Sheet 3 of 3 Sheets

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	0	Fill			Fill is in the SE end of the trench "aburn pit", several glass bottles, several glass jars, ceramic pieces, burned newspaper, red brick, pieces of a 55 gallon steel drum
	1				
	2				
	3				
	4				Bottom of trench at 4' bgs
	5				
	6				
	7				
	8				
	9				
	10				

Project Fort McClellan, SAD TERC

~~Parcel~~ Number: Trench T230-3

trenchHtrwlog

COMPLETED
[signature] 12/8/00

TRENCH LOG

Trench Number	PPMP-230-T230-~~3~~ 4
Company Name	IT Group
District	Mobile USACE
Sheet	1 of ~~3~~ 3
Project	Fort McClellan Landfill / Fill Area Investigations
Location	Calhoun County, Alabama
Name of Equipment Operator	Bear Inc. (Peter Bossiere)
Manufacturer's Designation of Heavy Equipment	Komatsu PLC250
Sizes and Types of Equipment Used	remote controlled excavator Bucket = 3' x 5'
Trench Location	PPMP-230-T230-~~3~~ 4
Surface Elevation	TBD.
Level of PPE required	Level C
Date Started	10/~~31~~ 17/00
Date Completed	10/~~31~~ 17/00
Overburden Thickness	N/A
Depth Groundwater Encountered	N/A
Depth Rock Encountered	N/A
Depth of Trench	~~4'~~ ~2.0'
Trench Length	~~50~~ ~20.0'
Disposition of Trench	
Backfilled	X
Signature of Geologist	James Dandy

Deviations made due to problems encountered while trenching
~~None~~ Did not finish trench.

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

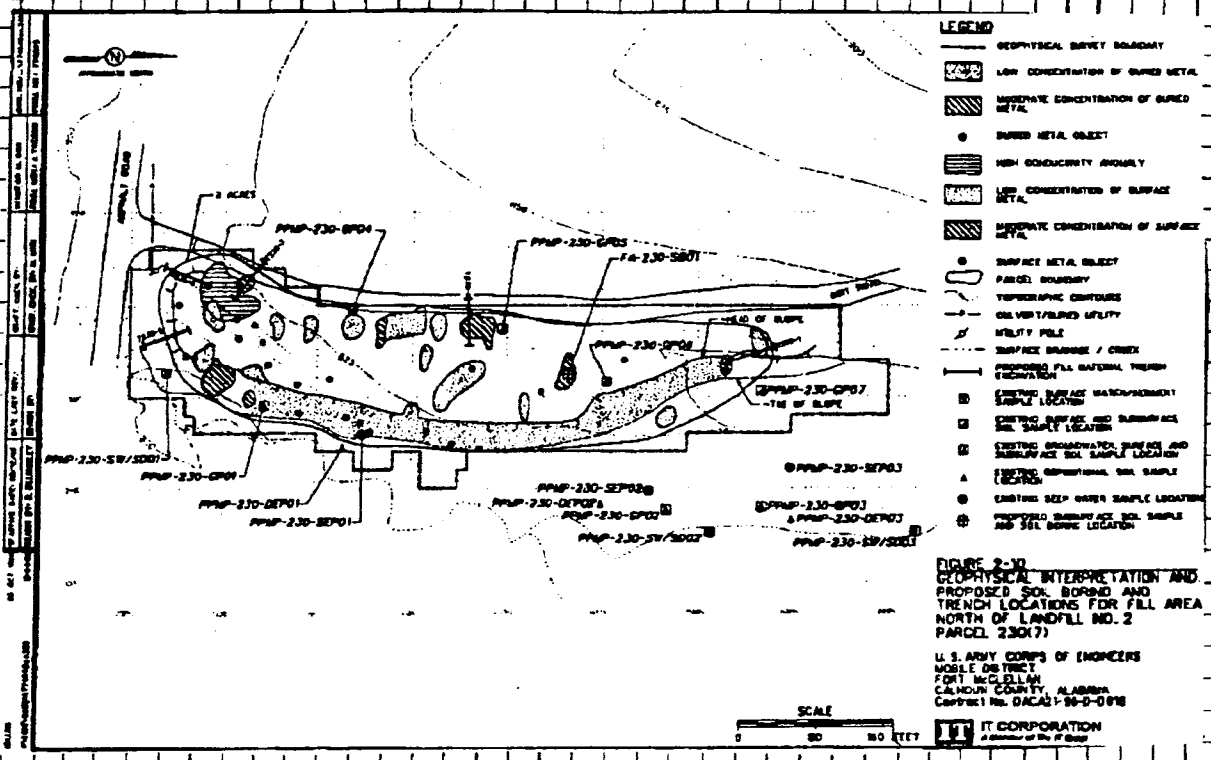


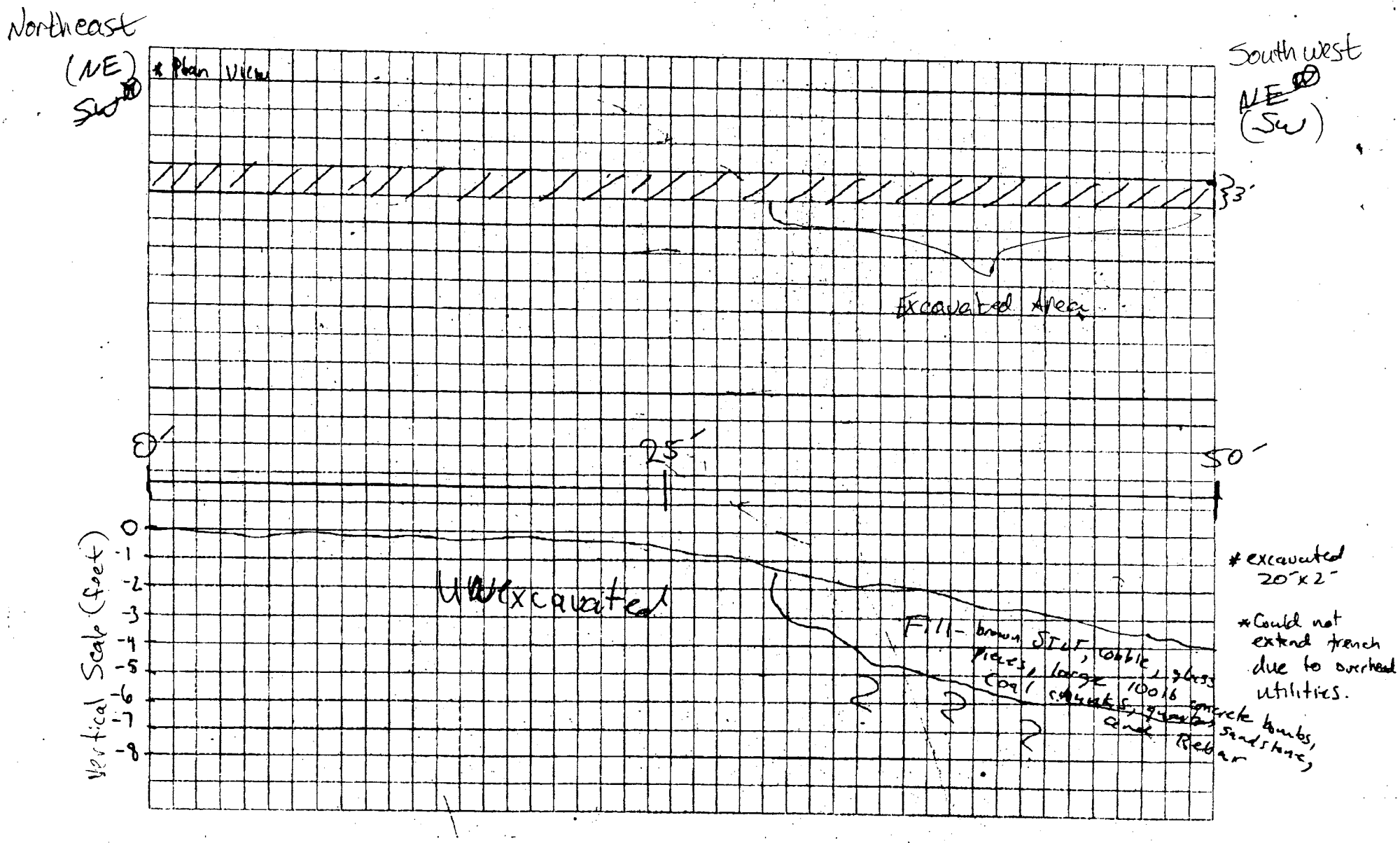
FIGURE 2-10
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA NORTH OF LANDFILL NO. 2
PARCEL 230(7)

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-230-T230-4

N/A - Not Applicable.

Test Pi Classification Log	Project: Fort McClellan, SAD TERC Parcel# ppmp/230 Date: 10/17/00 * Provide Sketch of Sidewall Geologist: J. Dendy	Tr... Location: ppmp-230-T230-4 Equipment used: remote controlled excavator (1 bucket = 3' x 5.') Page 2 of ~~2~~ 3 Pages (4) Excavation size: 20 X 3 X 2 = 120 ft³ Length Width Depth Volume



TEST PIT CLASSIFICATION LOG

(continuation sheet)

~~Parcel~~ Number: Trench T230-4

Project: Fort McClellan, SAD TERC

Geologist: James Dendy

Sheet 3 of 3 Sheets

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	0	brown SILT, cobble, quartz sandstone. Fill	ML		Fill glass pieces, large 100lb concrete bombs, coal, rebar
	1				
	2				Bottom of trench @ 2' bgs
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				

Project Fort McClellan, ~~SAD~~ TERC

~~Parcel~~ Number Trench T230-4

trenchHtrwlog

COMPLETED
Entered 12/6/00

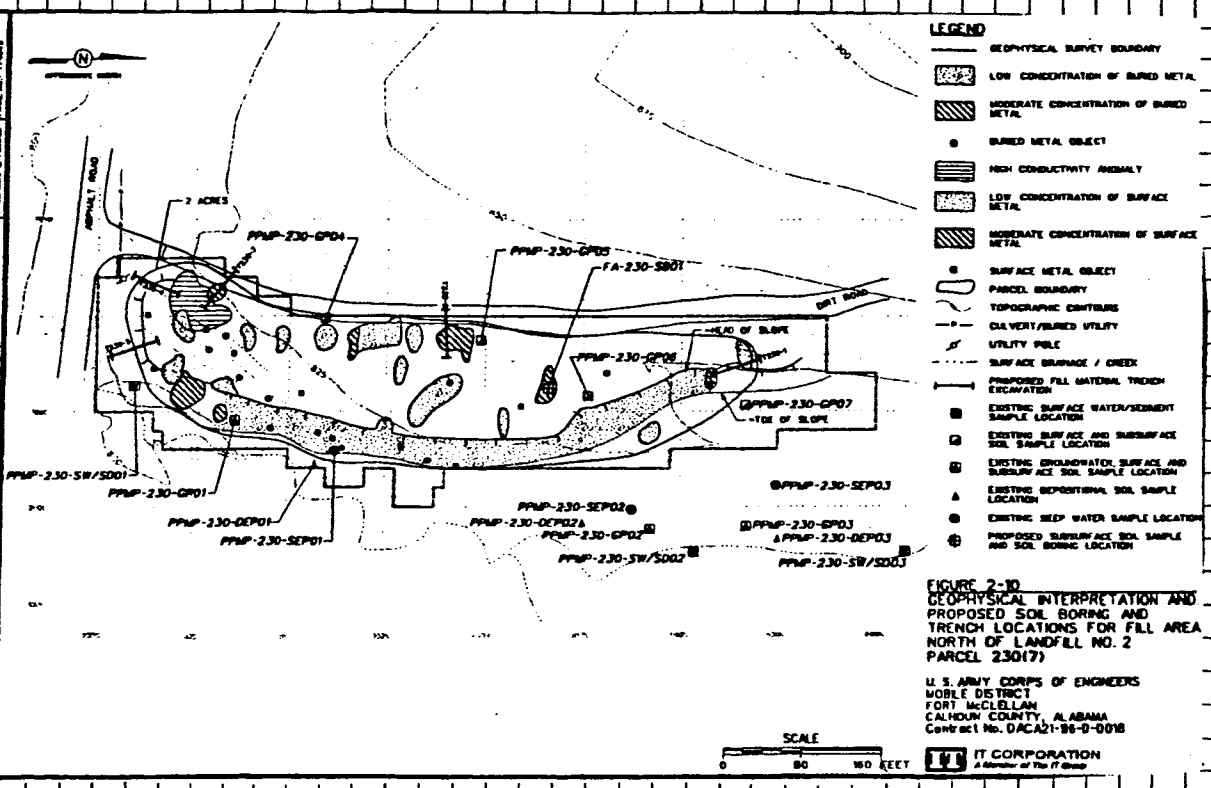
TRENCH LOG

Trench Number: PPMP-230-T230-5

Company Name: IT Group	District: Mobile USACE	Sheet: 1	of 23 Sheet(s)
Project: Fort McClellan Landfill / Fill Area Investigations		Location: Calhoun County, Alabama	
Name of Equipment Operator: Bear Inc. (Peter Bossiere)		Manufacturer's Designation of Heavy Equipment: Komatsu PLC250	
Sizes and Types of Equipment Used: remote controlled excavator, Bucket = 3' x 5'		Trench Location: PPMP-230-T230-5	
		Surface Elevation: TBD	
Level of PPE required: Level C		Date Started: 10/31/00	Date Completed: 10/31/00
Overburden Thickness: N/A		Depth Groundwater Encountered: N/A	
Depth Rock Encountered: N/A	Depth of Trench: ≈4	Trench Length: 25	
Disposition of Trench: N/A	Backfilled: X	Signature of Geologist: James Dendy	

Deviations made due to problems encountered while trenching
None.

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



Project: Fort McClellan Landfill / Fill Area Investigations

Trench Number: PPMP-230-T230-5

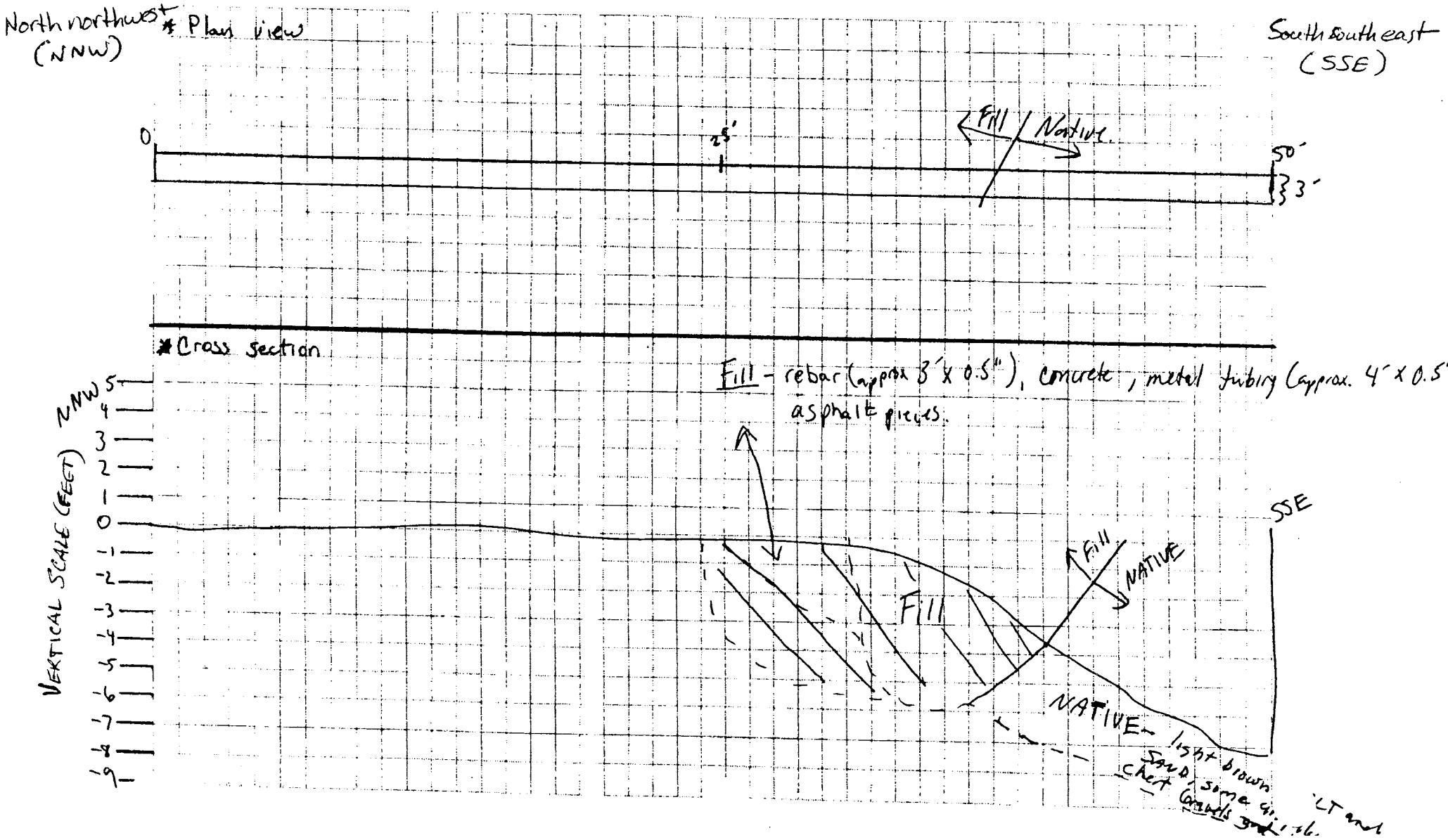
N/A = Not Applicable.

Test Pit Classification Log

Project: Fort McClellan, SAD TERC
Parcel# PPMP-230-T230-5
Date: 10/31/00
* Provide Sketch of Sidewall
Geologist: James Dendy

Trench Location: PPMP-230-T230-5 Page 2 of 2 Pages
Equipment used: Remote control excavator (1 bucket = 3' x 5')

Excavation size:
25 X 3 X ≈4 = 300 ft³
Length Width Depth Volume



TEST PIT CLASSIFICATION LOG

(continuation sheet)

~~Parcel~~ Number: Trench T230-5

Project: Fort McClellan, SAD TERC

Geologist: James Dendy

Sheet 3 of 3 Sheets

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	0	light brown SILT and SAND, some angular chert gravel. Fill	SM		Fill located at NNW end of Trench, rebar (approx 3' x 0.5"), concrete, metal tubing (approx 4' x 0.5") asphalt pieces
	1				
	2				
	3				
	4				Bottom of Trench at ~4' bgs
	5				
	6				
	7				
	8				
	9				
	10				

Project Fort McClellan, SAD ~~TERC~~

~~Parcel~~ Number: Trench T230-5

trenchHtrwlog

COMPLETED
Checked 12/6/00

TRENCH LOG

Trench Number: PPMP-231-T231-1

Company Name: IT Group	District: Mobile USACE	Sheet 1 of 3 Sheet(s)
Project: Fort McClellan Landfill / Fill Area Investigations	Location: Calhoun County, Alabama	
Name of Equipment Operator: Bear Inc. (Peter Bossiere)	Manufacturer's Designation of Heavy Equipment: Komatsu PLC250	
Sizes and Types of Equipment Used: remote controlled excavator	Trench Location: PPMP-231-T231-1	
Bucket = 3' x 5'	Surface Elevation: TBD	
Level of PPE required: Level C	Date Started: 10/18/00	Date Completed: 10/18/00
Overburden Thickness: ~~varies 20~~ N/A	Depth Groundwater Encountered: N/A	
Depth Rock Encountered: N/A	Depth of Trench: N/A	Trench Length: 50.0'
Disposition of Trench: N/A	Backfilled: X	Signature of Geologist: James Dendy

Deviations made due to problems encountered while trenching
None.

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

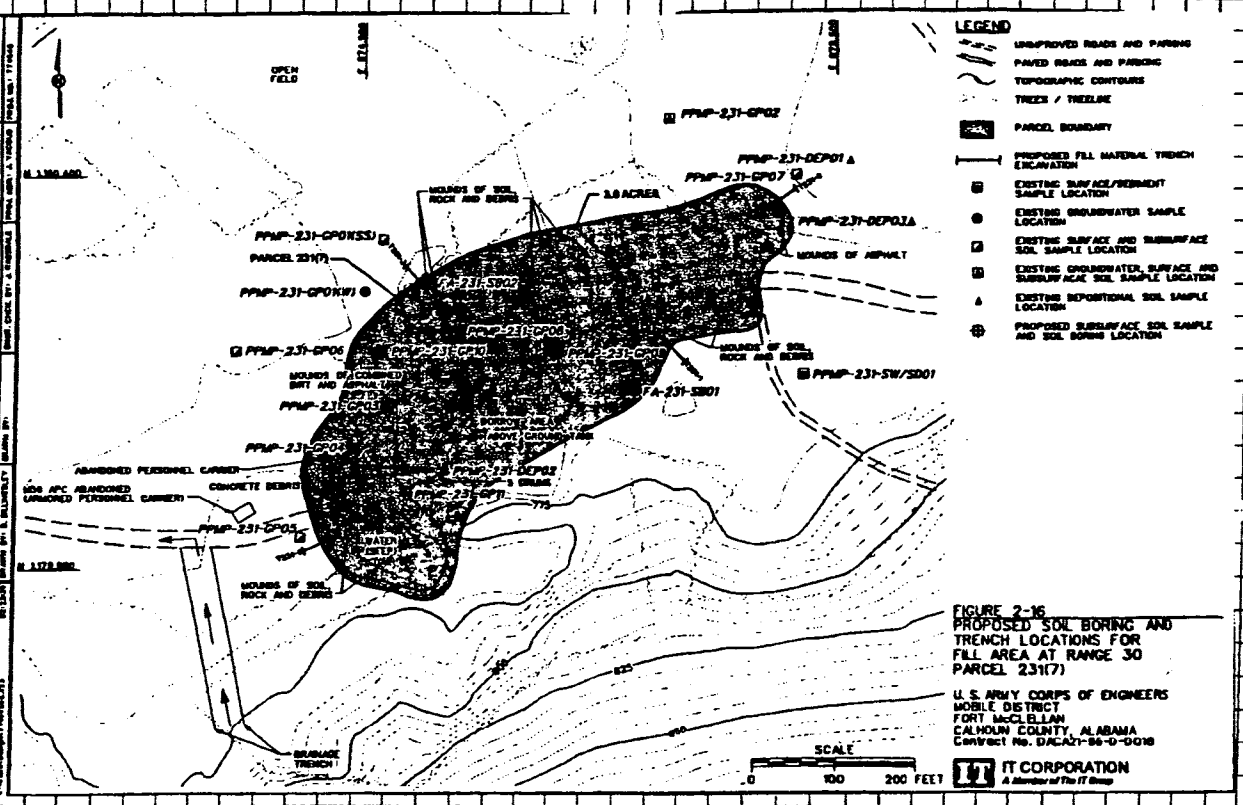


FIGURE 2-16
PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA AT RANGE 30 PARCEL 231(7)

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

Parcel# PPMP - 231-T231-1

Date: 10/18/00

* Provide Sketch of Sidewall

Geologist: James Dendy

Equipment used: Remote Controlled excavator. (1 bucket = 3' x 5')

Excavation size: 50 X 3 X N/A = ≈ 10 ft³

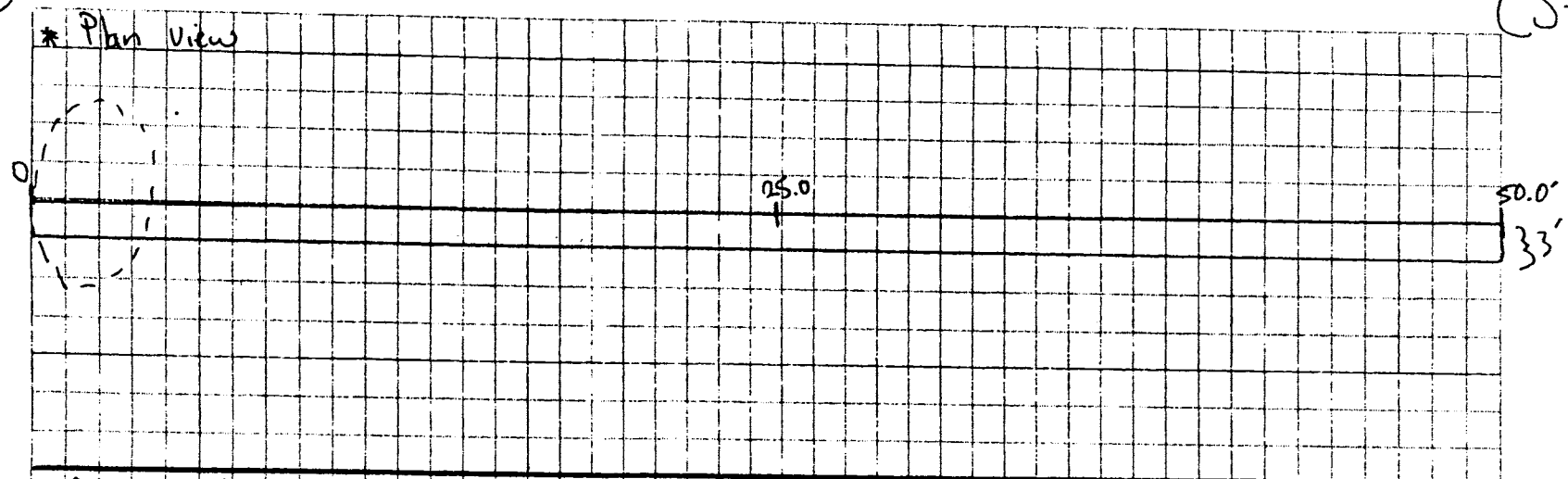
Length Width Depth Volume

Note: Depth along trenched area varies. Refer to field notes for exact measurements

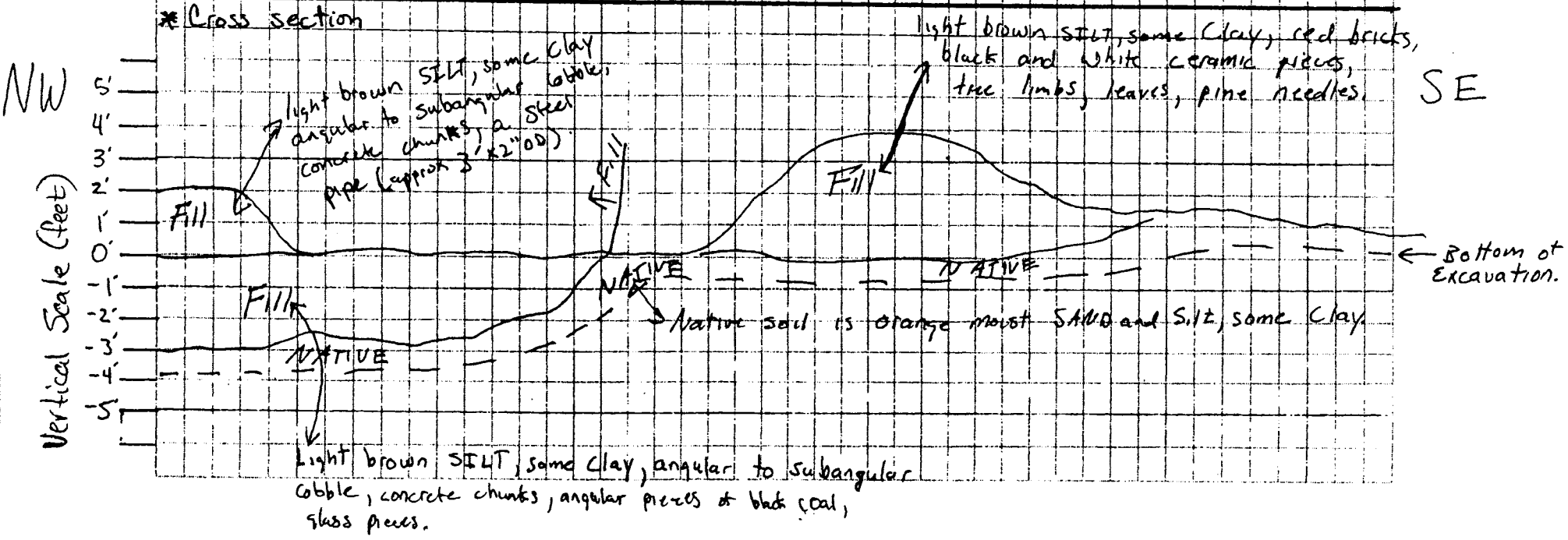
Northwest (NW)

Southeast (SE)

* Plan View



* Cross section



TEST PIT CLASSIFICATION LOG

(continuation sheet)

~~Parcel~~ Trench Number: T231-1

Project: Fort McClellan, SAD TERC

Geologist: James Dendy

Sheet 3 of 3 Sheets

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	0				Depth and lithology varies See page 2 of this log for description at various depths and locations.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				

Project Fort McClellan, SAD TERC

~~Parcel~~ Trench Number T231-1

trenchHtrwlog

COMPLETED

TRENCH LOG

Trench Number: PPMP-231-T231-2

Company Name: IT Group	District: Mobile USACE	Sheet: 1 of 3 Sheet(s)	
Project: Fort McClellan Landfill / Fill Area Investigations		Location: Calhoun County, Alabama	
Name of Equipment Operator: Bear Inc. (Peter Bossiere)		Manufacturer's Designation of Heavy Equipment: Komatsu PLC250	
Sizes and Types of Equipment Used: remote controlled excavator		Trench Location: PPMP-231-T231-2	
Bucket = 3' x 5'		Surface Elevation: TBD	
Level of PPE required: Level C		Date Started: 10/23/00	Date Completed: 10/23/00
Overburden Thickness: N/A		Depth Groundwater Encountered: N/A	
Depth Rock Encountered: N/A	Depth of Trench: N/A	Trench Length: 50.0'	
Disposition of Trench: N/A	Backfilled: X	Signature of Geologist: James Dendy	

Deviations made due to problems encountered while trenching

None.

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

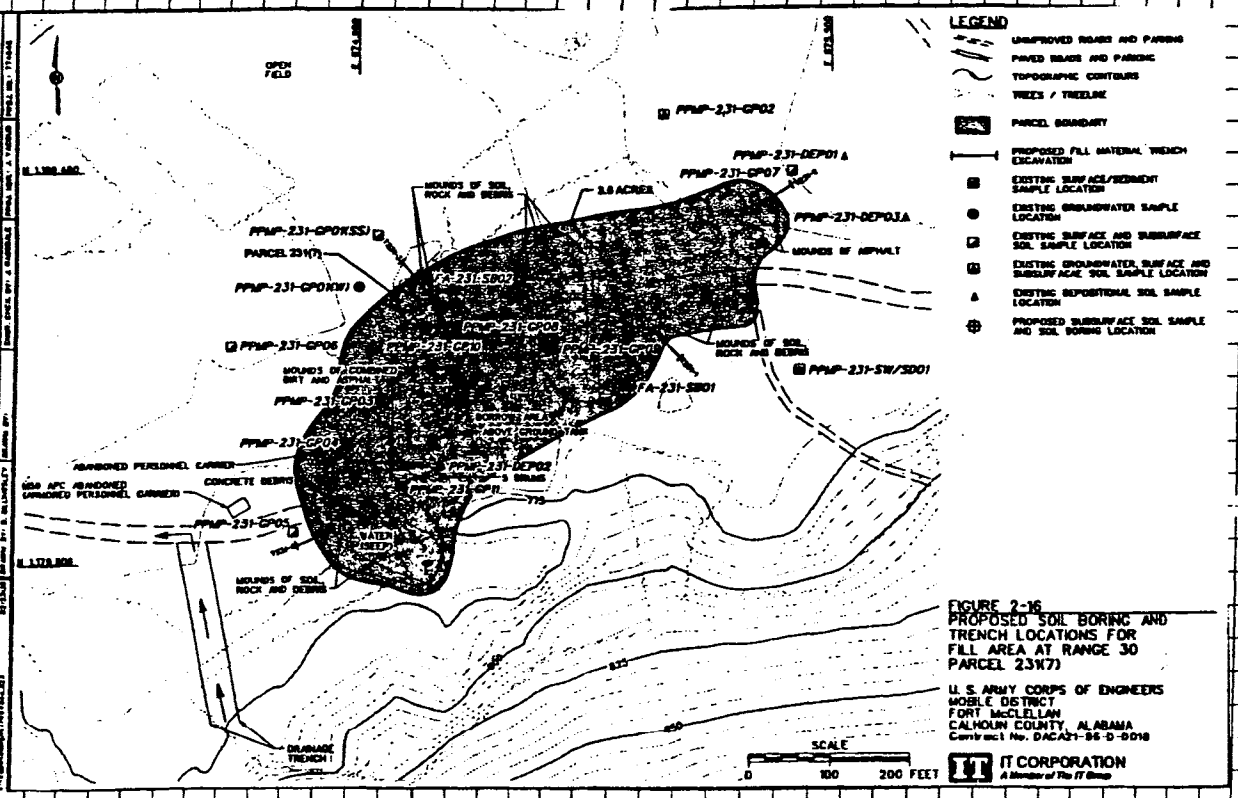


FIGURE 2-16
PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA AT RANGE 30 PARCEL 231(7)

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

IT CORPORATION
A Member of The IT Group

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

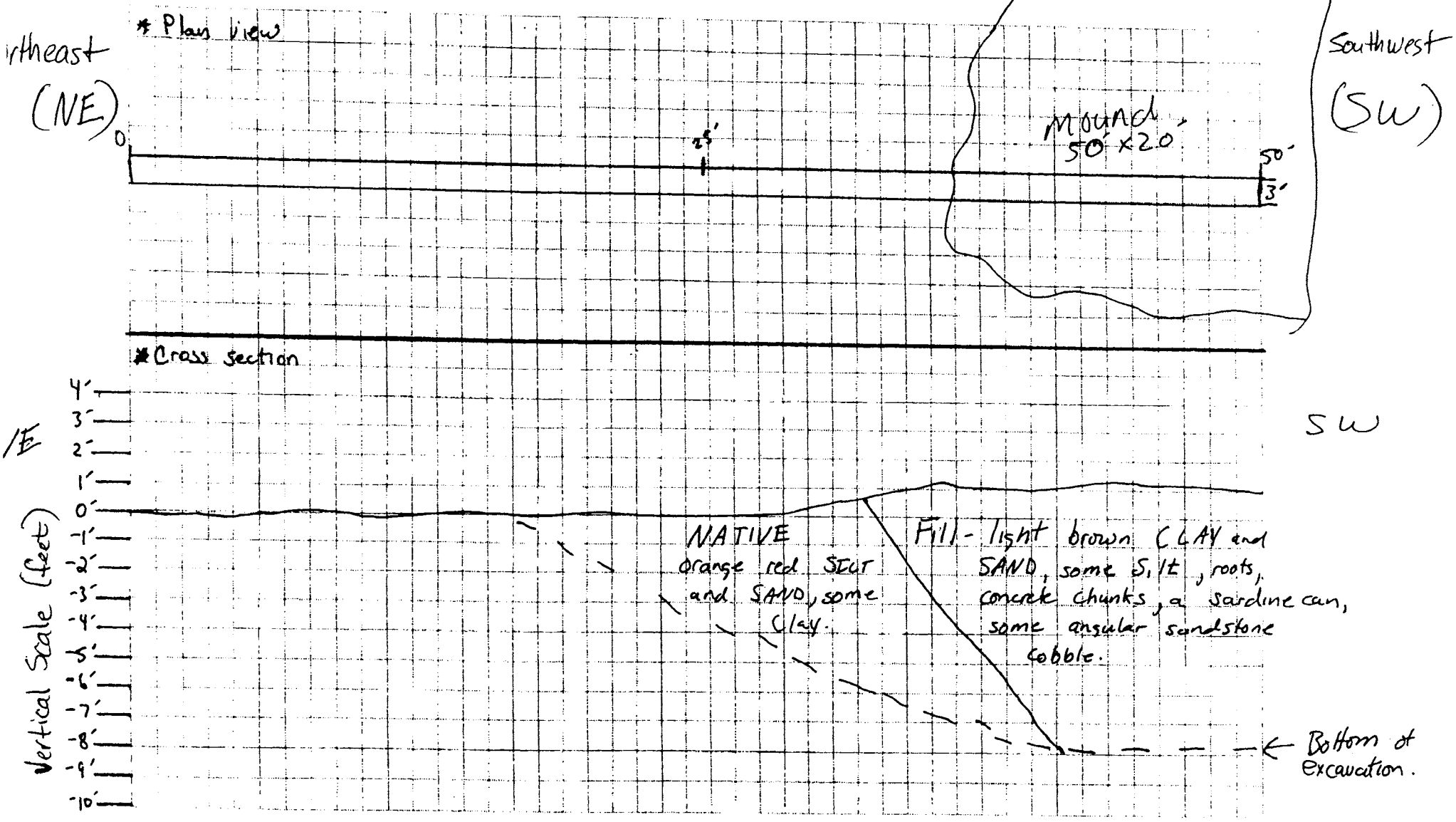
N/A = Not Applicable.

Test Pit Classification Log

Project: Fort McClellan, SAD TERC
Parcel# PPMP-231-T231-2
Date: 10/23/00
* Provide Sketch of Sidewall
Geologist: James Dendy

Trench Location: PPMP-231-T231-2
Page 2 of 2 Pages
Equipment used: Remote control excavator (1 bucket = 3' x 5')
Excavation size:
≈ 35 X 3 X N/A = 690 ft³
Length Width Depth Volume

Note: Volume based on dimensions of a number of individual digs. Refer to field notes for exact figures



TEST PIT CLASSIFICATION LOG

(continuation sheet)

~~Parcel~~ Number: Trench T231-2

Project: Fort McClellan, SAD TERC

Geologist: James Oenly

Sheet 3 of 3 Sheets

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	0	Orange red SILT and SAND, Some Clay, Fill	SM		Fill is location SW end of Trench. light brown CLAY and SAND, Some Silt, roots, concrete chunks, a Sardine can, Some angular Sandstone cobble
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				Bottom of Trench ~ 8' bgs
	9				
	10				

Project Fort McClellan, SAD TERC

~~Parcel~~ Number Trench T231-2

trenchHtrwlog

COMPLETED

TRENCH LOG

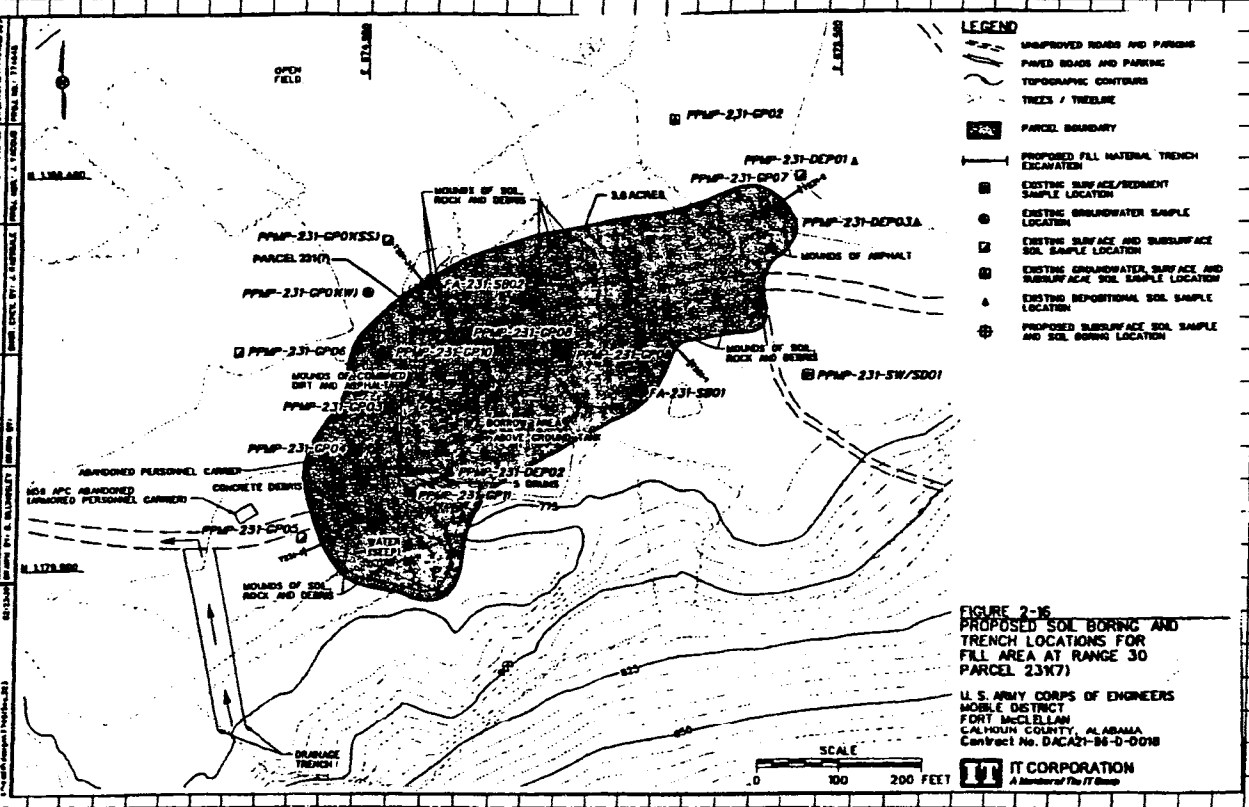
Trench Number: PPMP-231-T231-3

Company Name: IT Group	District: Mobile USACE	Sheet 1 of 3 Sheet(s)
Project: Fort McClellan Landfill / Fill Area Investigations	Location: Calhoun County, Alabama	
Name of Equipment Operator: Bear Inc. (Peter Bossiere)	Manufacture.'s Designation of Heavy Equipment: Komatsu PLC250	
Sizes and Types of Equipment Used: remote controlled excavator, Bucket = 3' x 5'	Trench Location: PPMP-231-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: 6.0'	Trench Length: 50.0
Disposition of Trench: N/A	Backfilled: X	Signature of Geologist: James Dendy

Deviations made due to problems encountered while trenching

None.

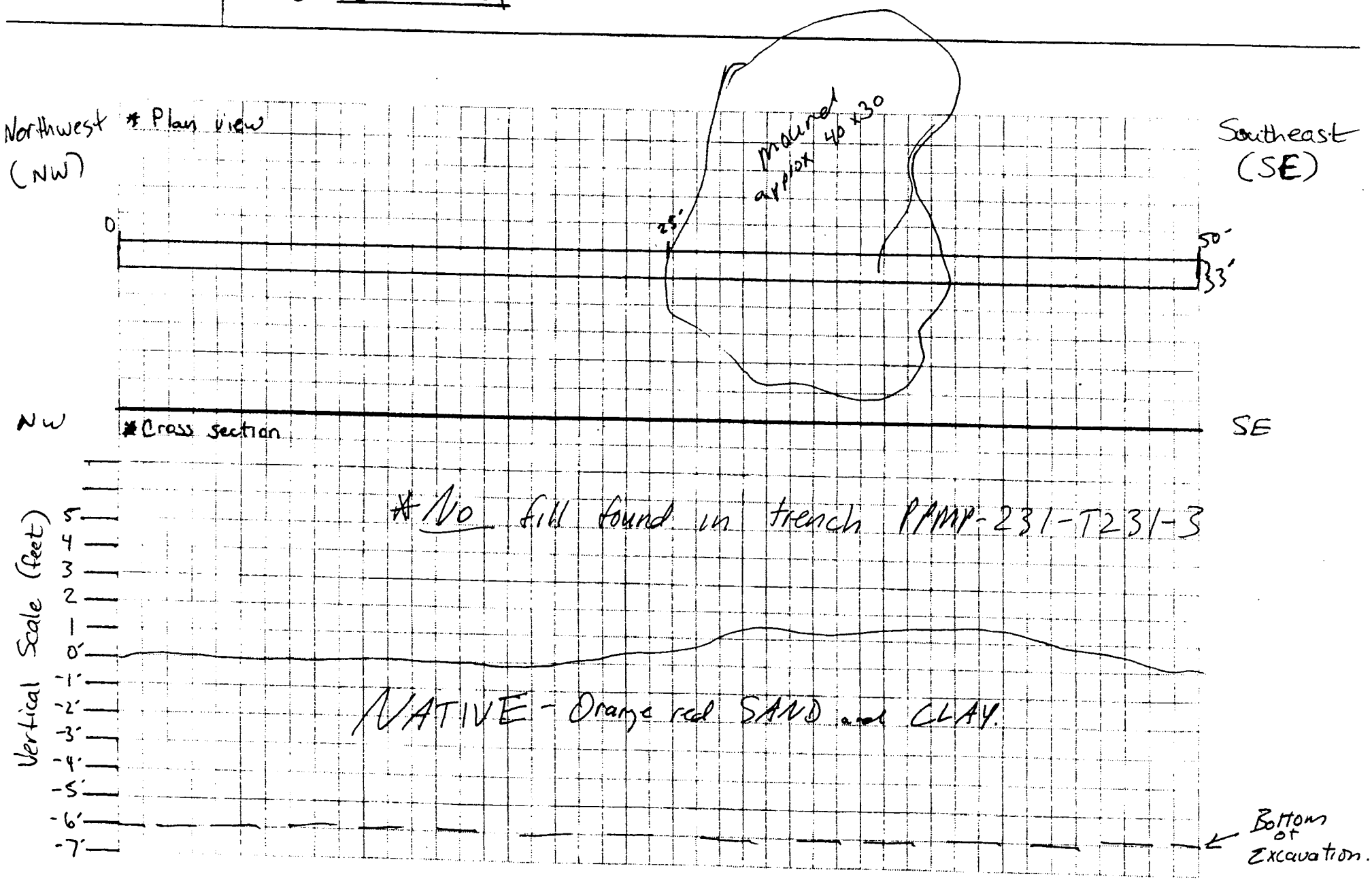
ndfill/Fill Area Location Sketch/Comments — Scale: (not to scale)



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 Parcel# PPMP-231-T231-3 Date: 10/30/00 * Provide Sketch of Sidewall Geologist: James Dendy	Trench Location: PPMP-231-T231-3 Page 2 of ~~2~~ 3 Pages Equipment used: Remote control excavator (1 bucket = 3' x 5') Excavation size: 50 X 3 X 6 = 900 ft³ Length Width Depth Volume



TEST PIT CLASSIFICATION LOG

(continuation sheet)

~~Parcel~~ Number: Trench T231-3

Project: Fort McClellan, SAD TERC

Geologist: James Deadly

Sheet 3 of 3 Sheets

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	0	Orange red SAND and CLAY. NATIVE	SL		No Fill
	1				
	2				
	3				
	4				
	5				
	6				Bottom of Trench at 6' bgs
	7				
	8				
	9				
	10				

Project Fort McClellan, SAD TERC

~~Parcel~~ Number Trench T231-3

trenchHtrwlog

COMPLETED
12/7/00

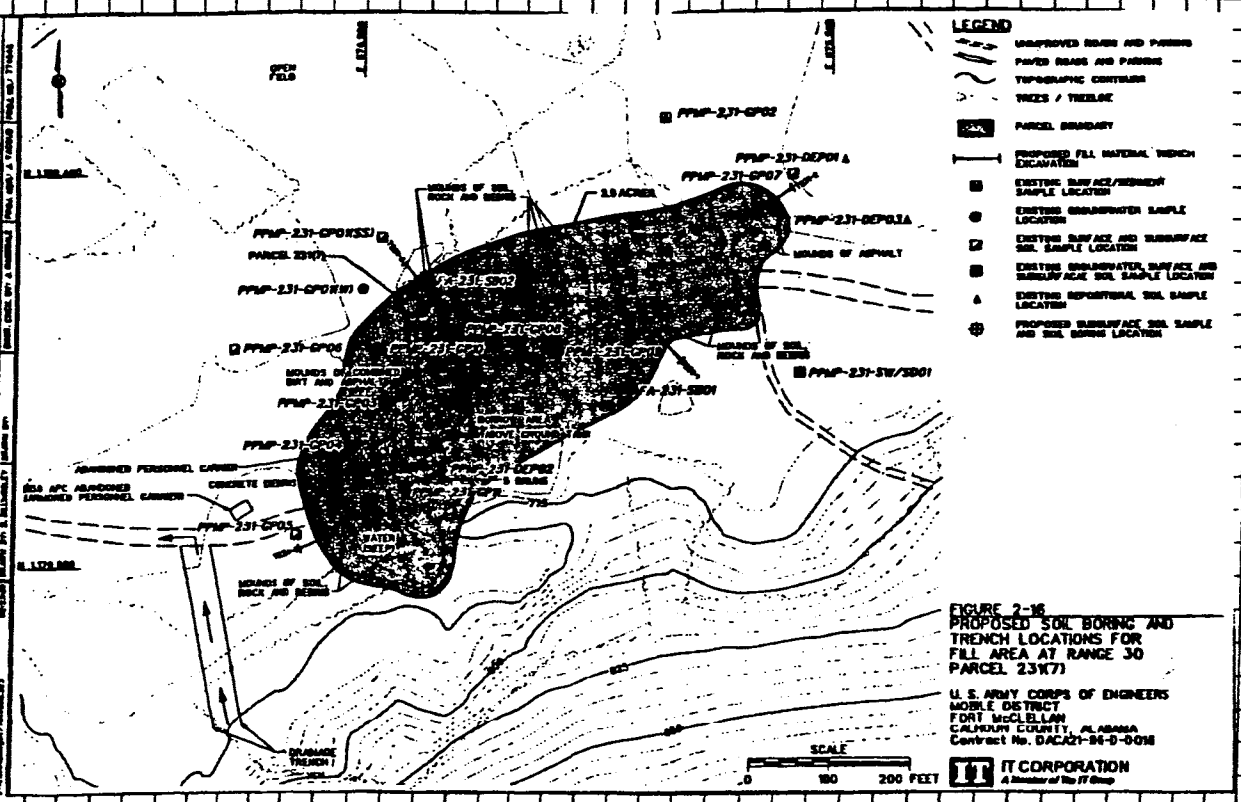
TRENCH LOG

Trench Number: PPMP-231-T231-4

Company Name: IT Group	District: Mobile USACE	Sheet 1 of 23 Sheet(s)
Project: Fort McClellan Landfill / Fill Area Investigations	Location: Calhoun County, Alabama	
Name of Equipment Operator: Bear Inc. (Peter Bossiere)	Manufacturer's Designation of Heavy Equipment: Komatsu PLC250	
Sizes and Types of Equipment Used: remote controlled excavator, Bucket = 3' x 5'	Trench Location: PPMP-231-T231-4	
	Surface Elevation: TBD	
Level of PPE required: Level C	Date Started: 10/24/00	Date Completed: 10/24/00
Overburden Thickness: N/A	Depth Groundwater Encountered: N/A	
Depth Rock Encountered: N/A	Depth of Trench: 2.5	Trench Length: 50
Disposition of Trench: N/A	Backfilled: X	Signature of Geologist: James Dendy

Deviations made due to problems encountered while trenching
None.

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



Project: Fort McClellan Landfill / Fill Area Investigations Trench Number: PPMP-231-T231-4

N/A - Not Applicable.

'est Pit
'lassification
.og

Project: Fort McClellan, SAD TERC
Parcel# PPMP-231-T231-4
Date: 10/24/00
* Provide Sketch of Sidewall
Geologist: James Dendy

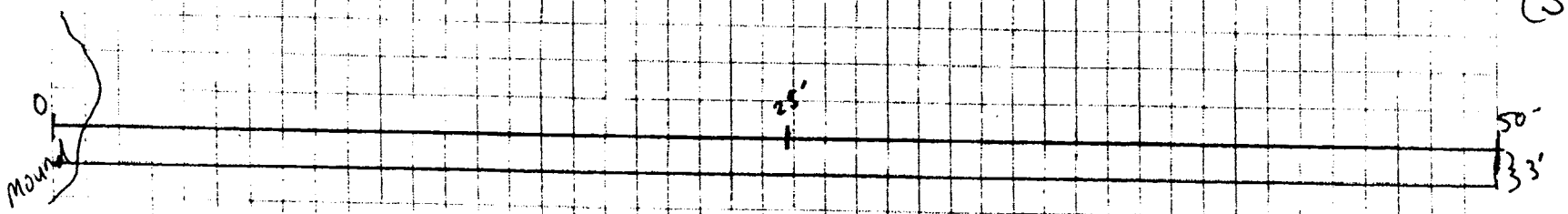
Trenc.. Location: PPMP-231-T231-4 Page 2 of 2 Pages (3)(4)
Equipment used: Remote control excavator (1 bucket = 3' x 5')

Excavation size:
50 X 3 X 2.5 = 375 ft³
Length Width Depth Volume

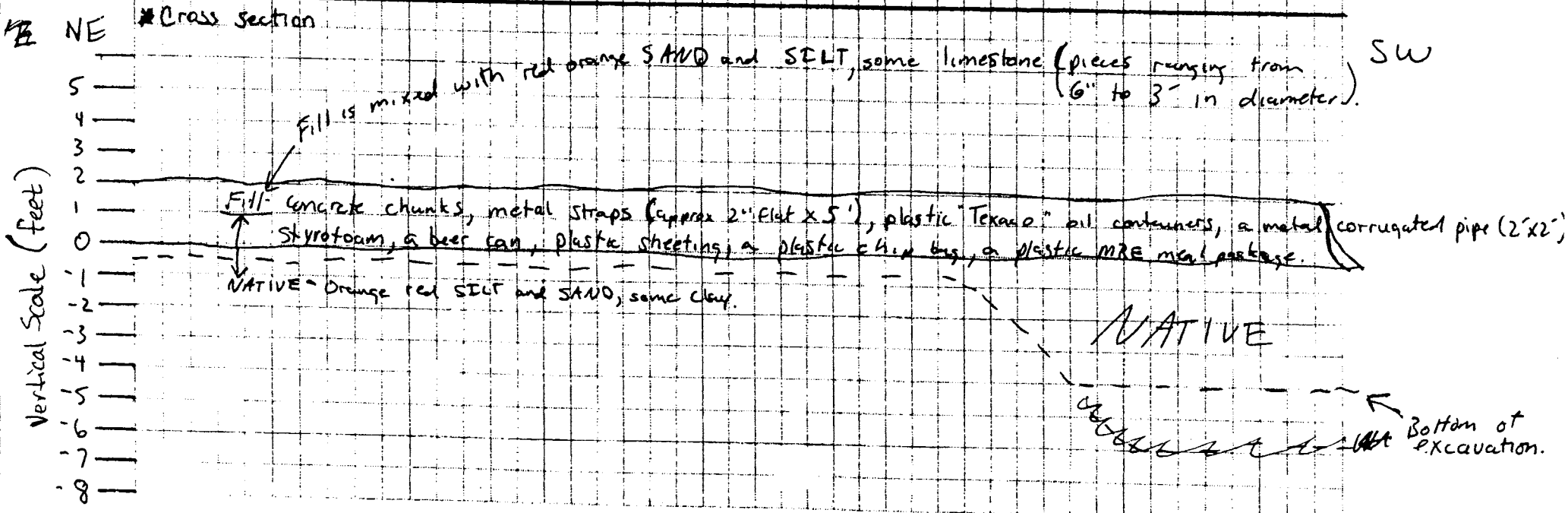
Northeast (NE)

Southwest (SW)

* Plan view



* Cross section



TEST PIT CLASSIFICATION LOG

(continuation sheet)

~~Parcel~~ Number: Trench T231-4

Project: Fort McClellan, SAD TERC

Geologist: James Dendy

Sheet 3 of 3 Sheets

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	0				See page 2 of log for description.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				

Project Fort McClellan, SAD TERC

~~Parcel~~ Number: Trench T231-4

trenchHtrwlog

COMPLETED

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: Bear Inc. (Peter Bossiere)	Manufacturer's Designation of Heavy Equipment: Komatsu PLC250	
Sizes and Types of Equipment Used: remote controlled excavator	Trench Location: PPMP-231-T231-5	
Bucket = 3' x 5'	Surface Elevation: TBD	
Level of PPE required: Level C	Date Started: 11/17/00	Date Completed: 11/17/00
Overburden Thickness: N/A	Depth Groundwater Encountered: N/A	
Depth Rock Encountered: N/A	Depth of Trench: N/A	Trench Length: 50.0'
Disposition of Trench: N/A	Backfilled: X	Signature of Geologist: James Dendy

Deviations made due to problems encountered while trenching

None.

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

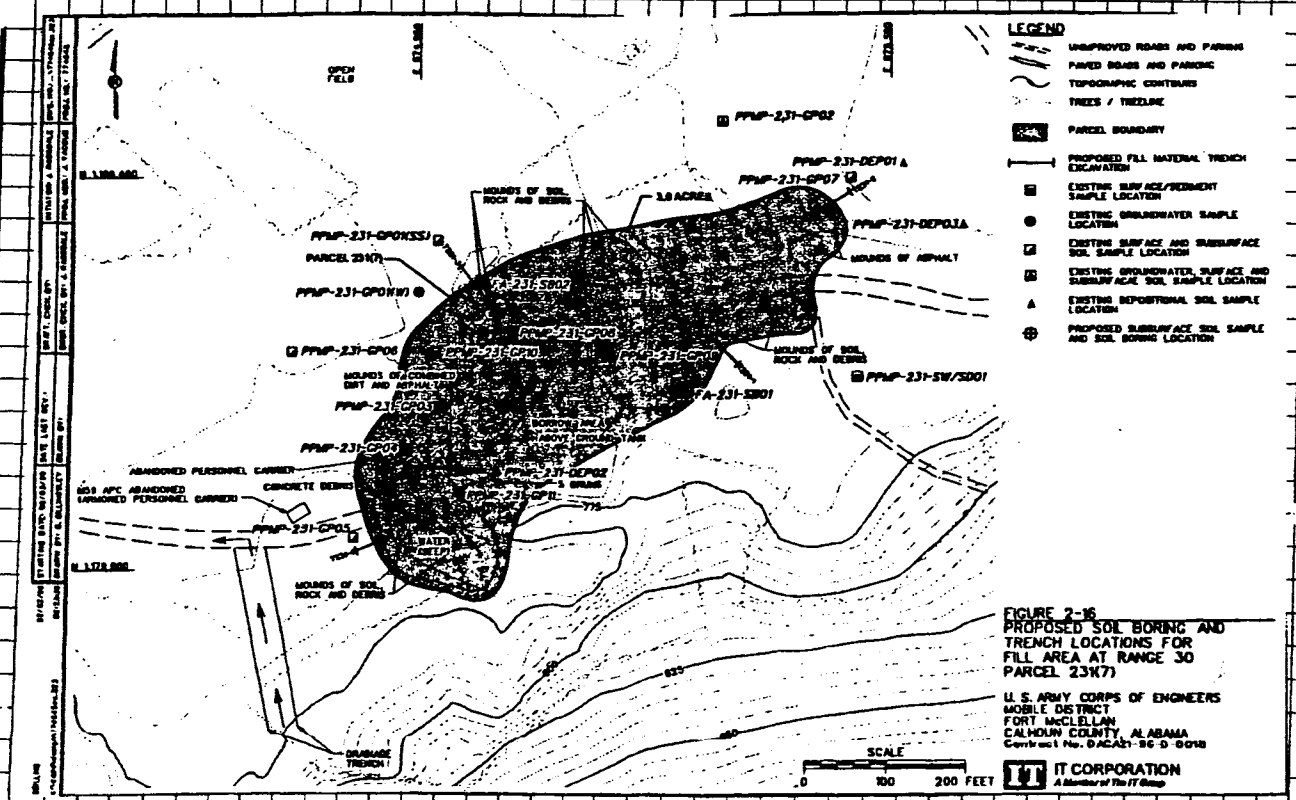


FIGURE 2-16
PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA AT RANGE 30 PARCEL 231(7)

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.

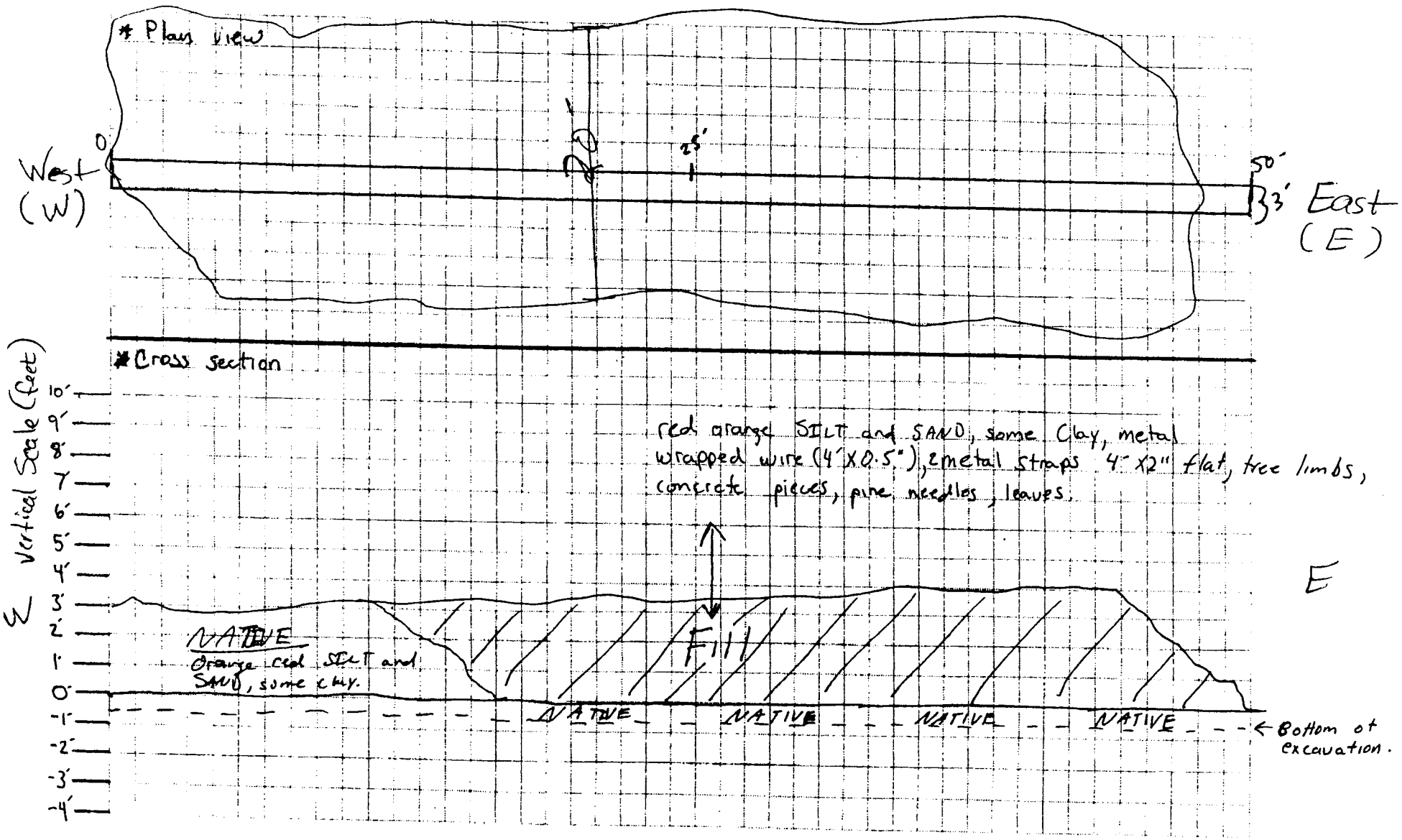
:st Pit
.assification
)g

Project: Fort McClellan, SAD TERC
Parcel# PPMP-231-T231-5
Date: 10/20/00
* Provide Sketch of Sidewall
Geologist: James Dendy

Trenc cation: PPMP-231-T231-5 Page 2 of 3 Pages
Equipment used: Remote control excavator (1 bucket = 3' x 5')

Excavation size:
50 X 3 X NA = 405 ft³
Length Width Depth Volume

Note: Depth of trenched area varies. Refer to field notes or figure for depth measurements



TEST PIT CLASSIFICATION LOG

(continuation sheet)

~~Parcel~~ Number: Trench T231-S

Project: Fort McClellan, SAD TERC

Geologist: James Dendy

Sheet 3 of 3 Sheets

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	0				See page 2 of logs for till and lithology description
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				

Project Fort McClellan, SAD TERC

~~Parcel~~ Number: Trench T231-S

trenchHtrwlog

COMPLETED
[illegible] 12/6/00

TRENCH LOG

Trench Number: PPMP-231-T231-6

Company Name: IT Group	District: Mobile USACE	Sheet 1 of 3 Sheet(s)
Project: Fort McClellan Landfill / Fill Area Investigations	Location: Calhoun County, Alabama	
Name of Equipment Operator: Bear Inc. (Peter Bossiere)	Manufacturer's Designation of Heavy Equipment: Komatsu PLC250	
Sizes and Types of Equipment Used: remote controlled excavator	Trench Location: PPMP-231-T231-6	
Bucket = 3' x 5'	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: N/A	Trench Length: 50
Disposition of Trench: N/A	Backfilled: X	Signature of Geologist: James Dendy

Deviations made due to problems encountered while trenching
None.

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

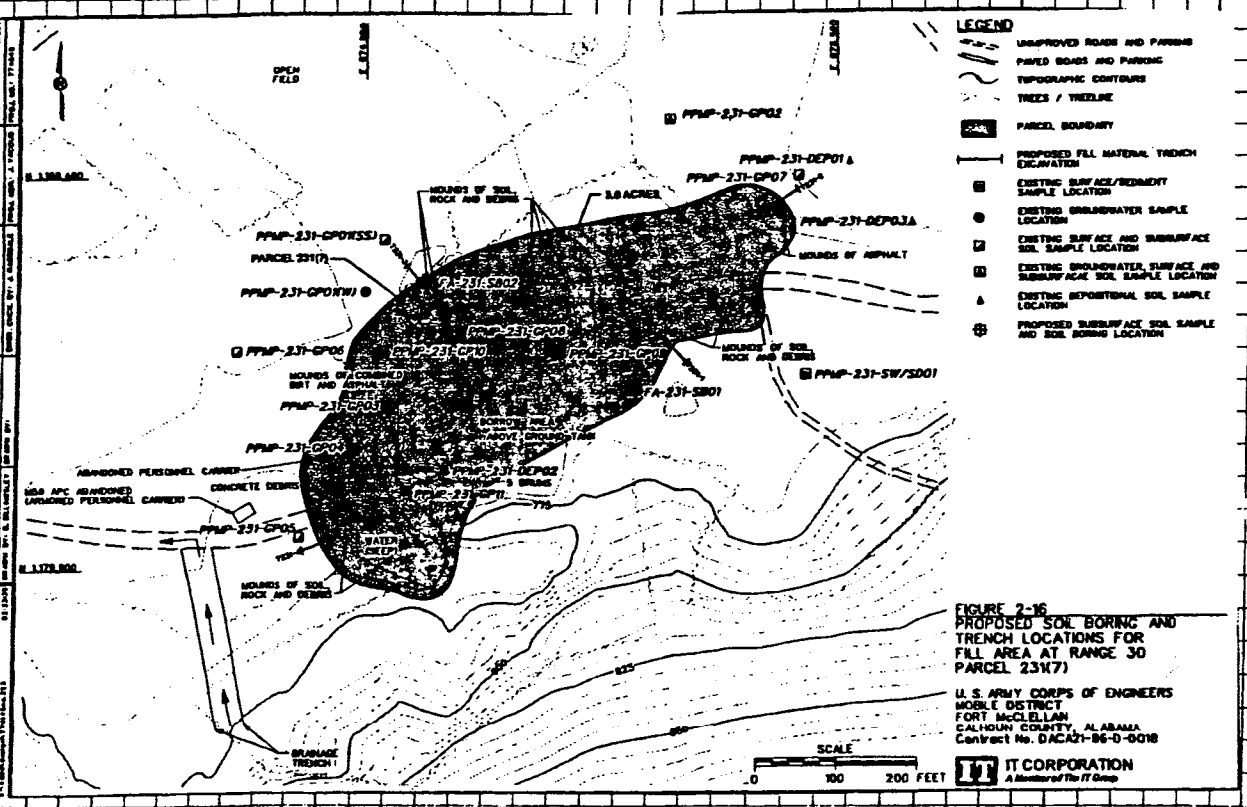


FIGURE 2-16
PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA AT RANGE 30 PARCEL 231(7)

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

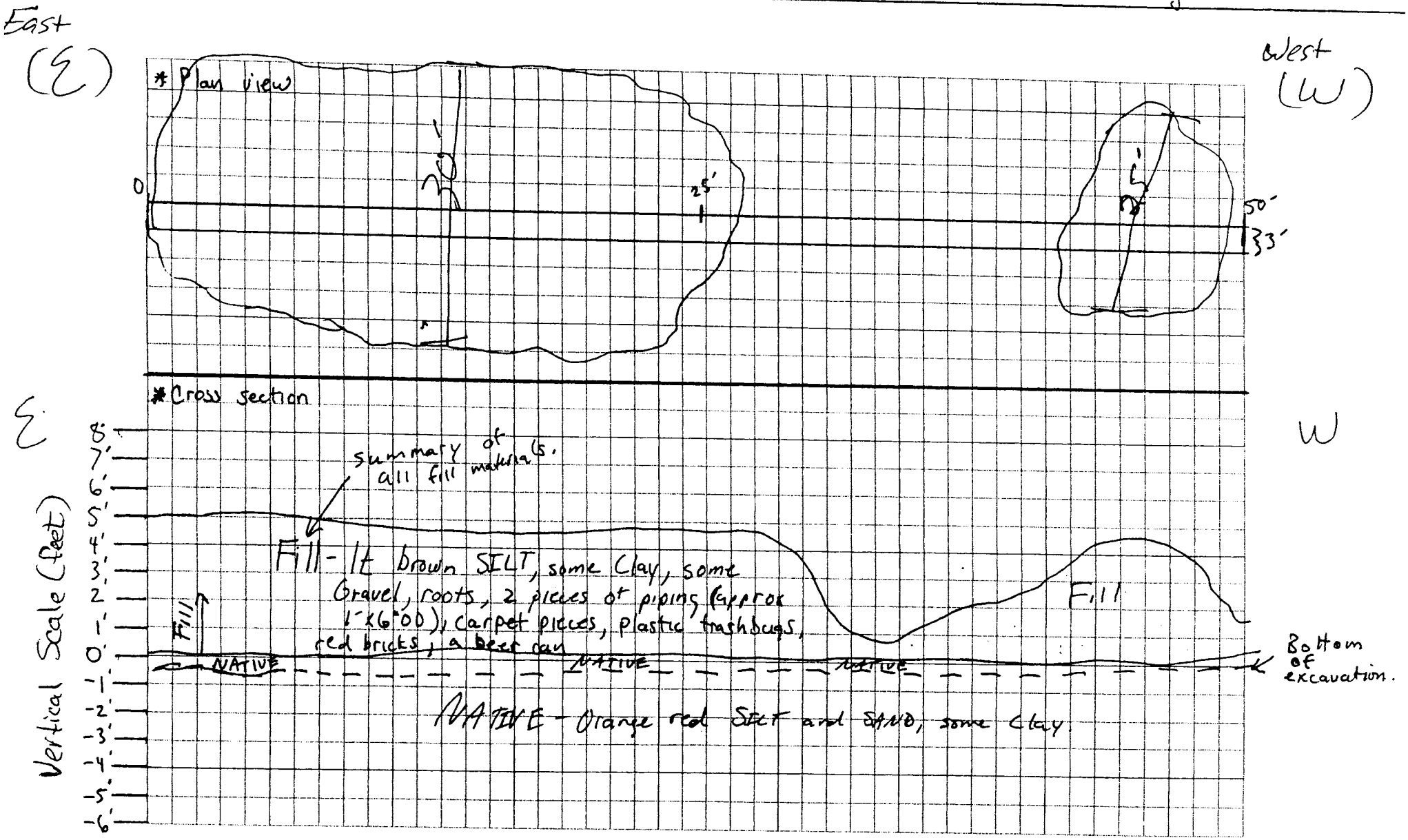
N/A = Not Applicable.

Test Pit Classification Log

Project: Fort McClellan, SAD TERC
Parcel# PPMP-231-T231-6
Date: 10/19/00
* Provide Sketch of Sidewall
Geologist: James Dendy

Trench Location: PPMP-231-T231-6 Page 2 of 5 Pages
Equipment used: Remote control excavator (1 bucket = 3' x 5')
Excavation size: 50 X 3 X N/A = ~~621~~ 30 ft³
Length Width Depth Volume

Note: Depth along trenched area varies. Refer to field notes and/or figure for exact measurement



TEST PIT CLASSIFICATION LOG

(continuation sheet)

~~Parcel~~ Number: Trench T231-6

Project: Fort McClellan, SAD TERC

Geologist: James Denny

Sheet 3 of 3 Sheets

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	0				Due to variations see Page 2 of the log
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				

Project Fort McClellan, SAD TERC

~~Parcel~~ Number Trench T231-6

trenchHtrwlog

COMPLETED

TRENCH LOG

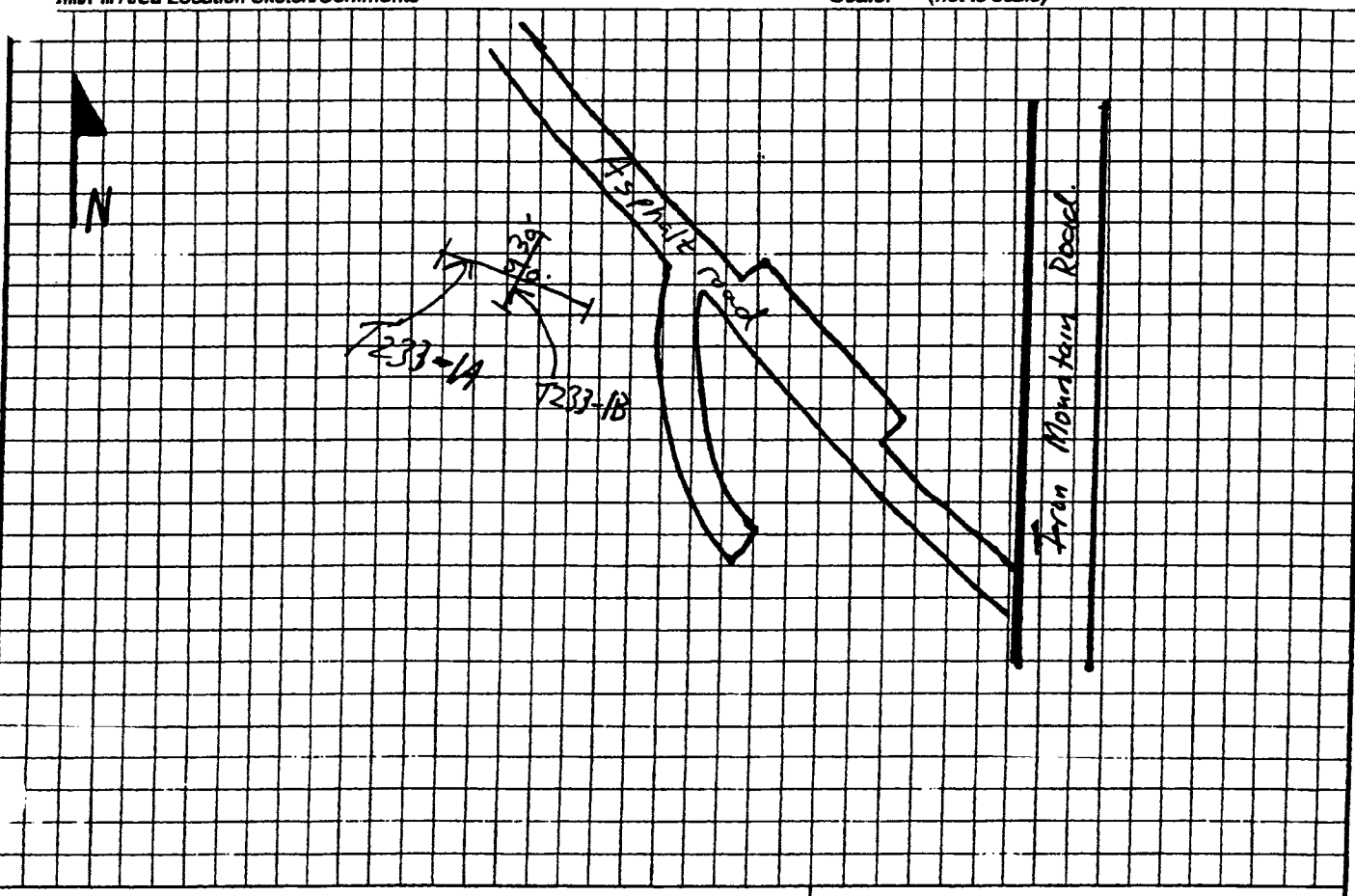
Trench Number: PPMP-233-T233-1A & B

Company Name: IT Group	District: Mobile USACE	Sheet 1 of 35 Sheet(s)
Project: Fort McClellan Landfill / Fill Area Investigations	Location: Calhoun County, Alabama	
Name of Equipment Operator: Bear Inc. (Peter Bossiere)	Manufacturer's Designation of Heavy Equipment: Komatsu PLC250	
Sizes and Types of Equipment Used: remote controlled excavator, Bucket = 3' x 5'	Trench Location: PPMP-233-T233-1	
	Surface Elevation: TBD	
Level of PPE required: Level C	Date Started: 10/25/00	Date Completed: 10/26/00
Overburden Thickness: N/A	Depth Groundwater Encountered: N/A	
Depth Rock Encountered: N/A	Depth of Trench: Varies	Trench Length: 1A = 50' ~~50.0~~ 90 1B = 30'
Disposition of Trench: N/A	Backfilled: X	Signature of Geologist: James Dendy

Deviations made due to problems encountered while trenching

Trench T233-1 was changed to form a "t" to better delineate Parcel T233. Instead of 4 different trenches at T233, there ~~will be~~ is a trench that forms a "t" in the center section of Parcel T-233.

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



Project: Fort McClellan Landfill / Fill Area Investigations

Trench Number: PPMP-231-T233-1

N/A = Not Applicable.

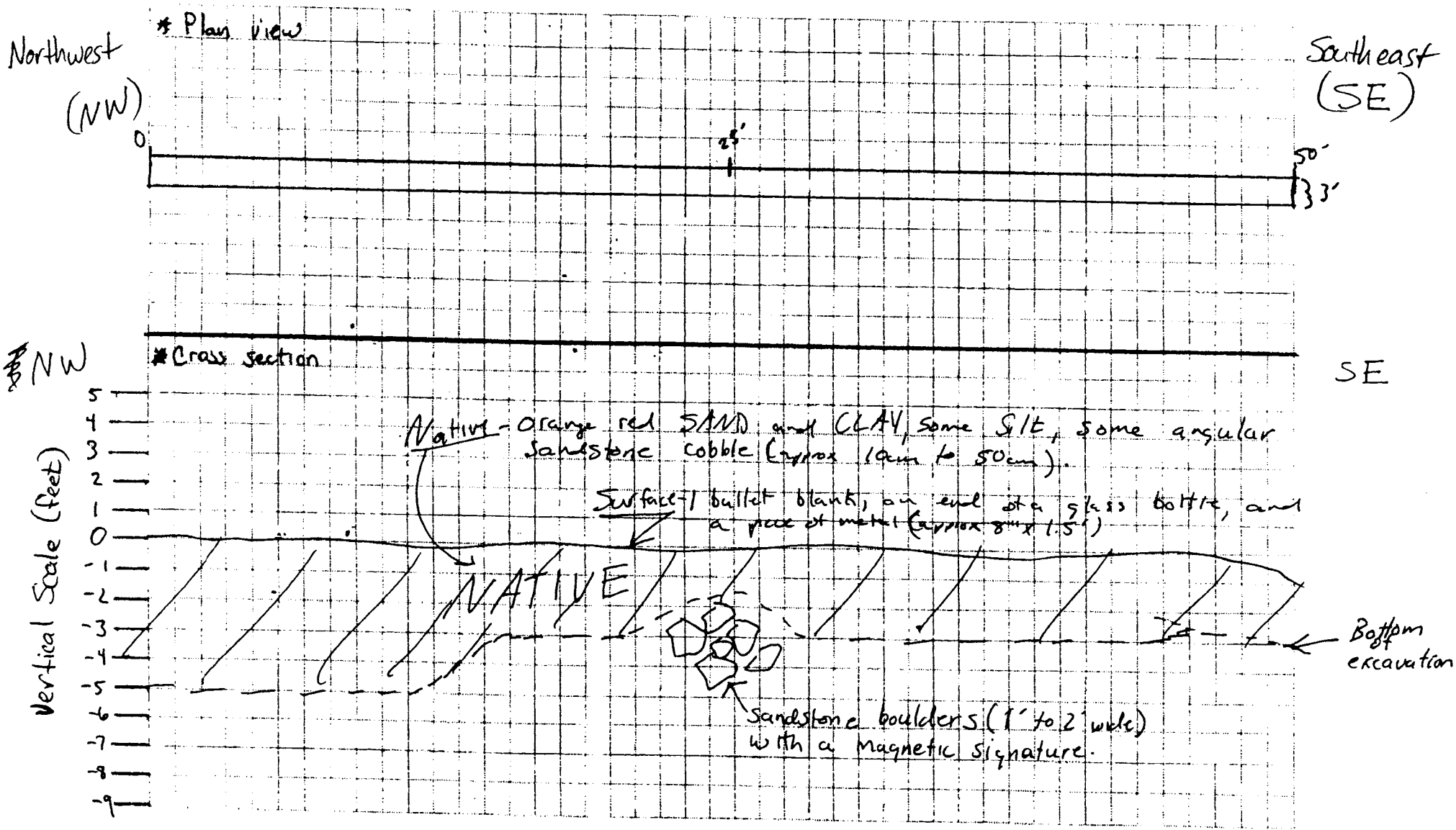
Test Pit Classification Log

Project: Fort McClellan, SAD TERC
Parcel# PPMP-233-T233-1A
Date: 10/25/00 to 10/26/00
* Provide Sketch of Sidewall
Geologist: James Dendy

Trench Location: PPMP-233-T233-1A
Equipment used: Remote control excavator (1 bucket = 3' x 5')

Excavation size:
50 X 3 X 4 = 600 ft³
Length Width Depth Volume

* Trench T233-1A



Test Pit Classification Log

Project: Fort McClellan, SAD TERC
Parcel# PAMP-233-T233-1B
Date: 10/25/00 to 10/26/00
* Provide Sketch of Sidewall
Geologist: James Dendy

Trench Location: PAMP-233-T233-1B
Equipment used: Remote controlled excavator (1 bucket = 3'x5')

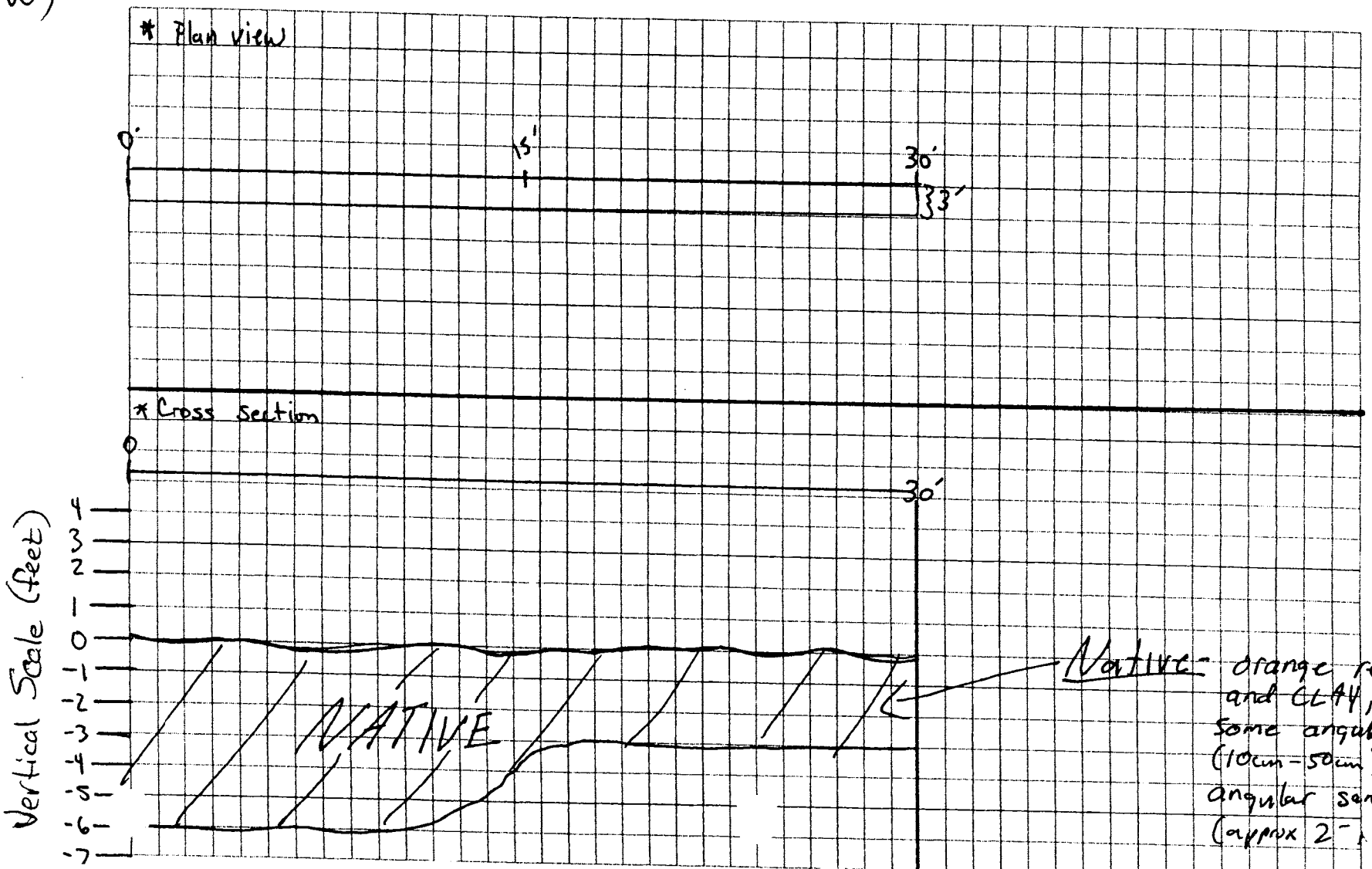
Page 3 of 3 Pages

Excavation size: 30 X 3 X N/A = 405 ft³
Length Width Depth Volume

Southwest (SW)

*Trench T233-1B

Northeast (NE)



Native: orange red SAND and CLAY, some Silt, some angular sandstone (10cm-50cm), some angular sandstone boulders (approx 2' -).

TEST PIT CLASSIFICATION LOG

(continuation sheet)

~~Parcel~~ Number: Trench T233-1A

Project: Fort McClellan, SAD TERC

Geologist: James Dandy

Sheet 4 of 5 Sheets

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	0	Orange red SAND and CLAY, some silt, some angular sandstone cobble (approx 10cm to 50cm)			On surface 1 bullet blank, an end of a glass bottle, and a piece of metal (approx 8" x 1.5')
	1				
		Near center of trench sandstone boulders (1' to 2' wide) with a magnetic signature			
	2				
	3				
	4				
	5				Bottom of trench varies from 3-5' bgs
	6				
	7				
	8				
	9				
	10				

Project Fort McClellan, SAD TERC

~~Parcel~~ Number: Trench T233-1A

trenchHtrwlog

TEST PIT CLASSIFICATION LOG

(continuation sheet)

~~Parcel~~ Number: Trench T233-1B

Project: Fort McClellan, SAD TERC

Geologist: James Dendy

Sheet 5 of 5 Sheets

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	0	Orange red SAND and CLAY, some SILT, some angular Sandstone (10cm-50cm), some angular Sandstone boulder (approx 2' to 3'),	SC		
	1				
	2				
	3				
	4				
	5				
	6				Bottom of Trench varies from 3-6' by 5
	7				
	8				
	9				
	10				

Project Fort McClellan, SAD TERC

~~Parcel~~ Number: Trench T233-1B

trenchHtrwlog