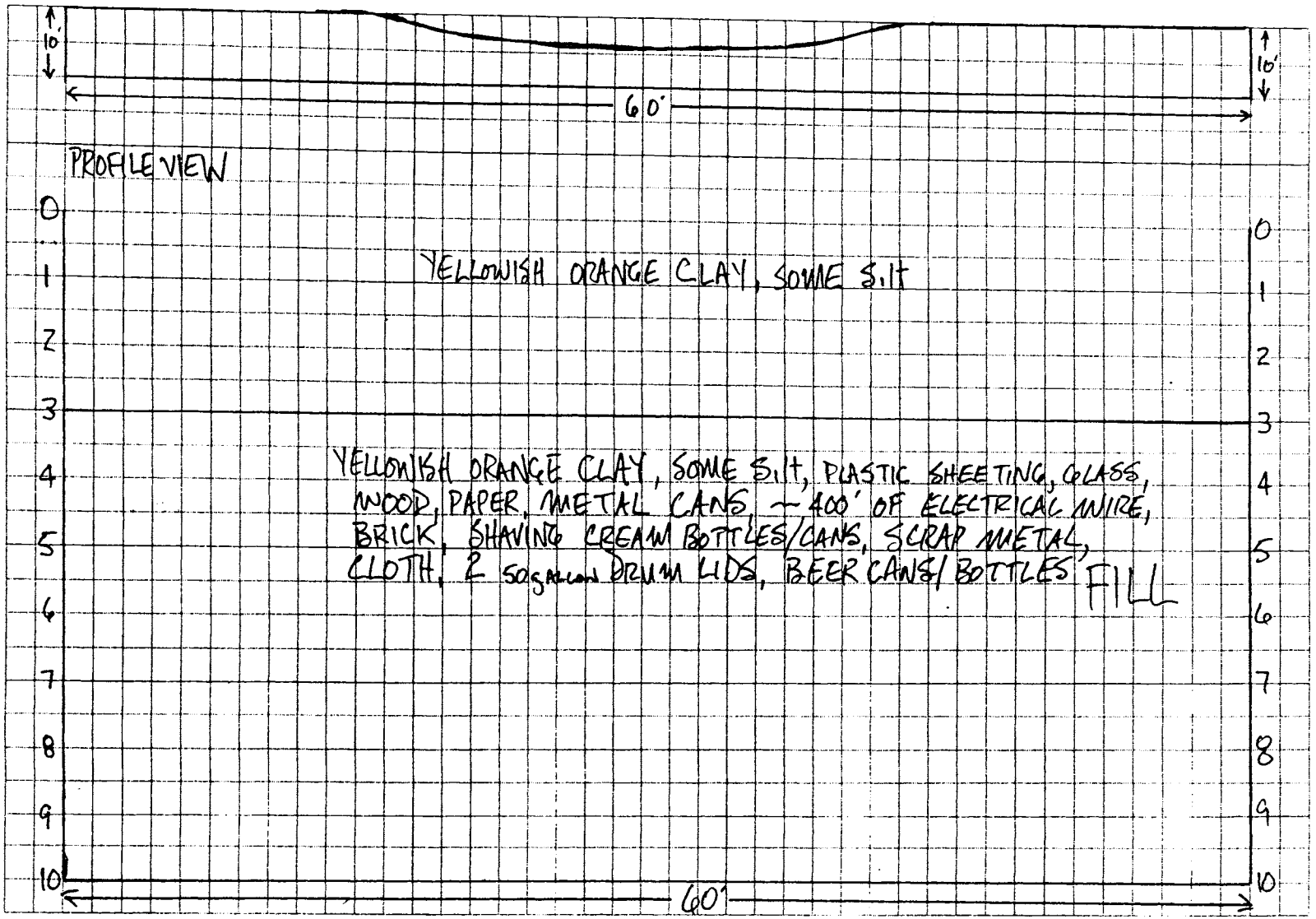
Test Pit Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 806
Date: 3/3/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

Trench Location: T801
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
60 X 3 X 10 = 1800
Length Width Depth Volume FT3

PLAN VIEW



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T80-1

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	FID 21.4 PPM	MOIST
	2				
	3				
	4		CL		
	5	YELLOWISH ORANGE CLAY, SOME SILT FILL		FID 15.1 PPM	MOIST TO SATURATED
	6				
	7				
	8				
	9				
	10				

Project Fort McClellan, SAD TERC

Trench Number: T80-1

TRENCH LOG

District: Mobile USACE		Trench Number: T80-2
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: LANDFILL 3, PARCEL 80(6)
	Surface Elevation: 730 MSL
Date Started: 3/2/00	Date Completed: 3/2/00
Overburden Thickness: 10'	Total Depth of Trench: 10'
Depth Rock Encountered: NA	Total Length of Trench: 88'
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, AND LOWER EXPLOSIVITY LIMIT DETECTOR. THE FLAME IONIZATION DETECTOR RECORDED ONE UNSUSTAINED READINGS OF 20.2 ppm DURING TRENCHING OPERATIONS.

TRENCH EXCAVATIONS PERFORMED IN LEVEL C PPE.
TRENCH WAS EXTENDED FROM PROPOSED LENGTH OF 50' TO 88' TO BETTER CHARACTERIZE FILL MATERIAL. FILL MATERIAL EXTENDS GREATER THAN 10' BELOW GROUND SURFACE, NATIVE SOIL NOT ENCOUNTERED.

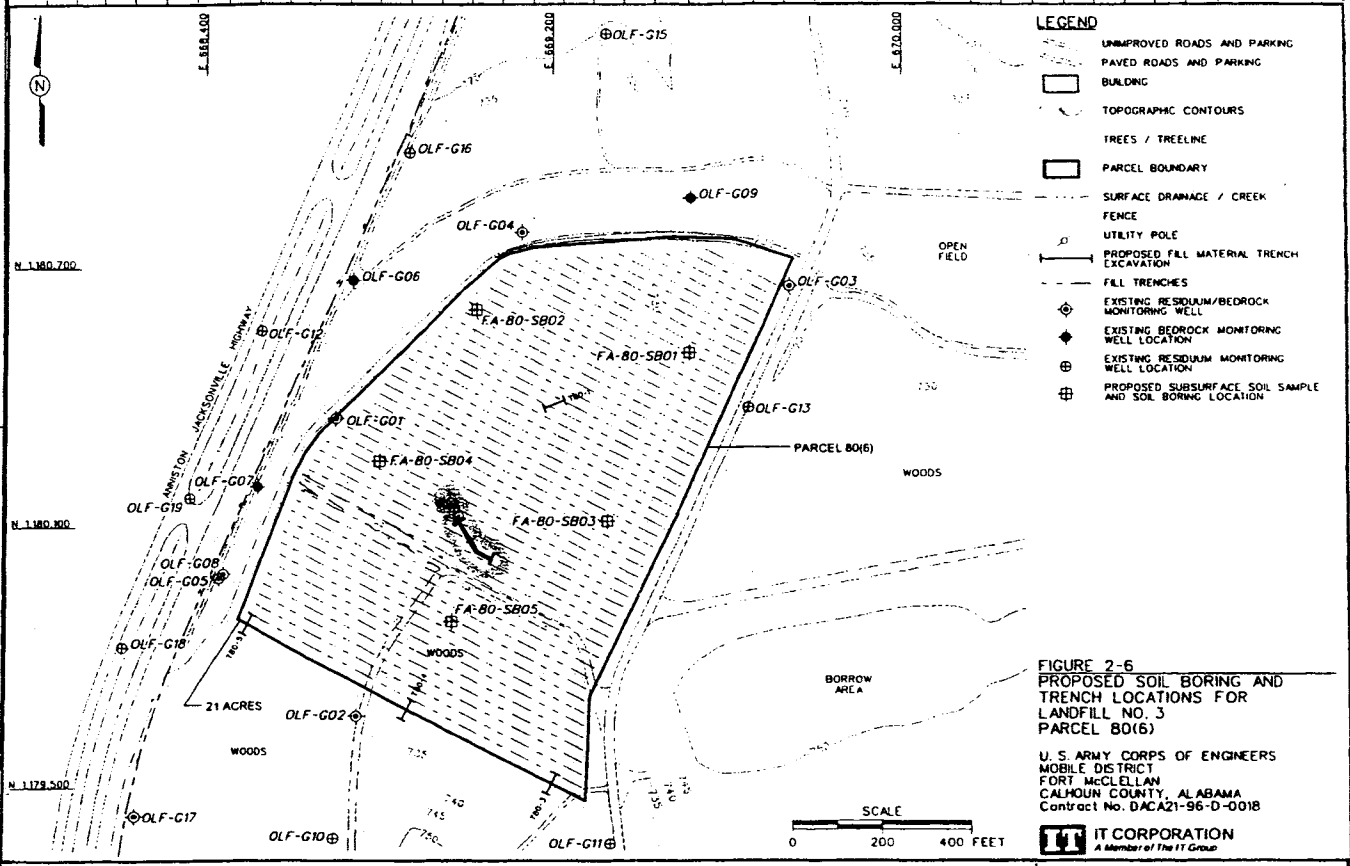


FIGURE 2-6
PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR LANDFILL NO. 3 PARCEL 80(6)

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: T80-2

Test Pi Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 80(6)
Date: 3/2/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

T ch Location: T80-2
Equipment used: CAT 320 TRACKHOE

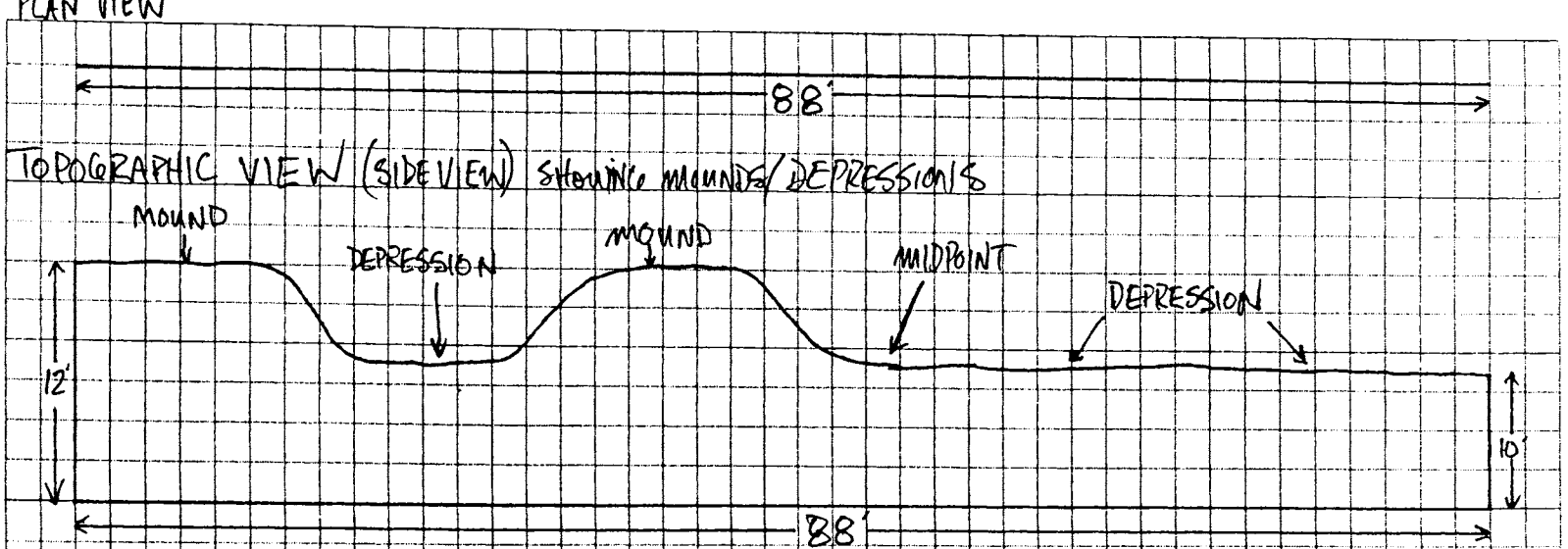
Page 2 of 4 Pages
Excavation size:
88' X 3' X 12'max = 3168
Length Width Depth Volume FT3

N

PLAN VIEW

NW ——— 88' ——— SE

TOPOGRAPHIC VIEW (SIDE VIEW) SHOWING MOUNDS/DEPRESSIONS



MIDPOINT:
TRENCH EXCAVATION BEGINS TO PARALLEL 2 MOUNDS AND EXTENDS FOR A DISTANCE OF 38' EASTWARD IN THE DEPRESSION AS SHOWN ON LOCATION SKETCH ON PRECEEDING PAGE.

Test Pi Classification Log

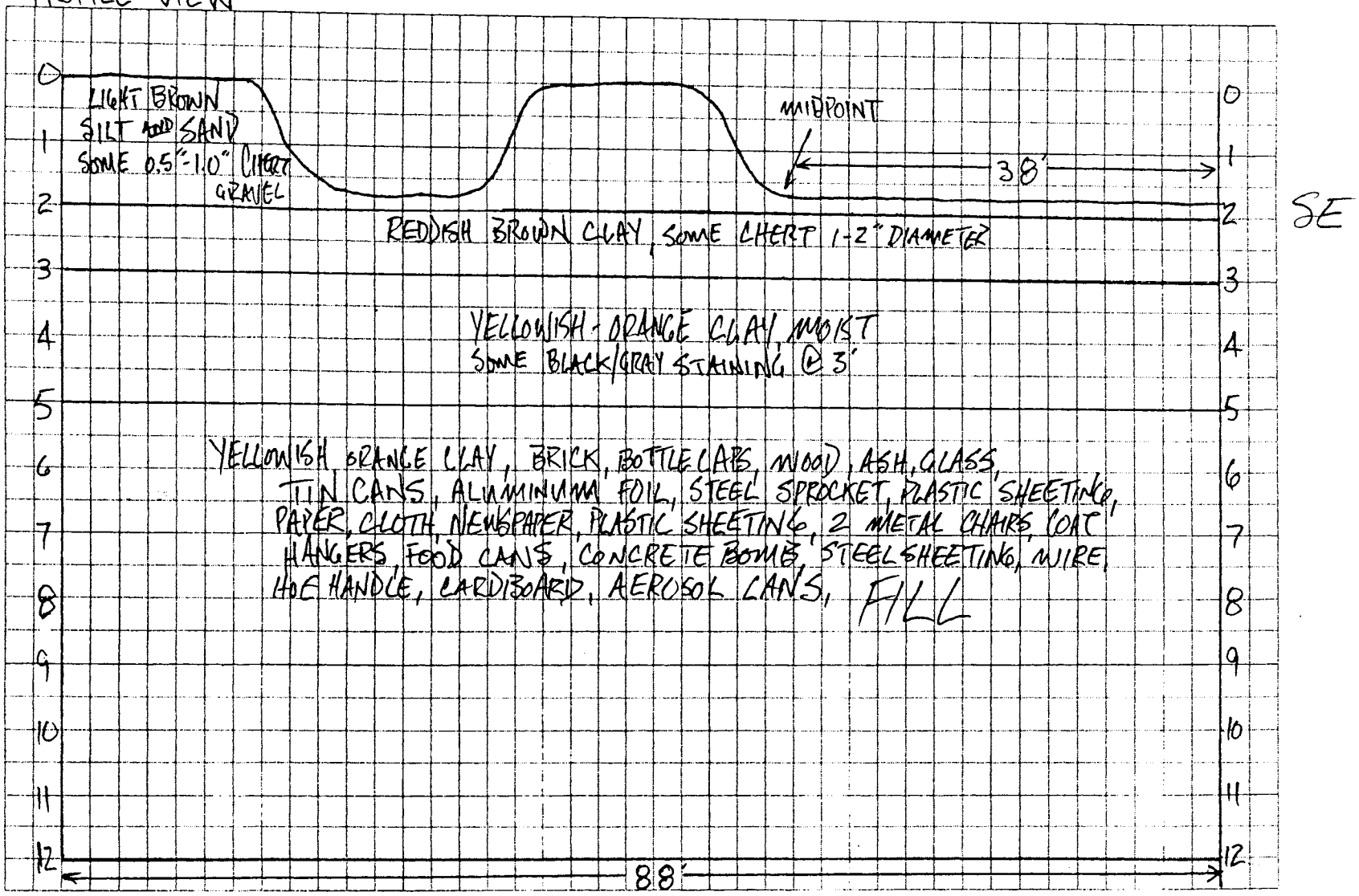
Project: Fort McClellan, SAD TERC
Parcel# 80(6)
Date: 3/2/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

ch Location: T80-2
Equipment used: CAT 320 TRACKHOE

Page 3 of 4 Pages
Excavation size: ,
88' X 3' X 12MAX = 3168 FT3
Length Width Depth Volume

N

PROFILE VIEW



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T80-A 2

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
	1–2	LIGHT BROWN SILT ~~AND~~ SAND SOME 0.5"-1.0" CHERT GRAVEL	S	0.0	MOIST
	2–3	REDDISH BROWN CLAY, SOME CHERT 1"-2" DIAMETER	CL	0.0	SL. MOIST
	3–4	YELLOWISH ORANGE CLAY, SOME BLACK/GRAY STAINING @ 3'	CL	20.2	MOIST
	5–12	YELLOWISH ORANGE CLAY, FILL	CL	0.0	V. MOIST

Project Fort McClellan, SAD TERC

Trench Number T80-A 2

TRENCH LOG

Company Name: IT Corporation	District: Mobile USACE	Trench Number: T80-3
		Sheet: 1 of 3 Sheets

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: NORM HONEA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, LEL / FID	Trench Location: LANDFILL 3 PARCEL 80(6)
	Surface Elevation: 738' msl
	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: 117'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Daniel Hill

Location Sketch/Comments — Scale: AS SHOWN

DETECTIONS EXCEEDING BACKGROUND LIMITS WERE NOT ENCOUNTERED DURING TRENCHING OPERATIONS USING THE PHOTOIONIZATION DETECTOR, AND LOWER EXPLOSIVITY LIMIT DETECTOR. THE FLAME IONIZATION DETECTOR RECORDED ONE UNSUSTAINED READINGS OF 3915.7 ppm DURING TRENCHING OPERATIONS.

TRENCH EXCAVATIONS PERFORMED IN LEVEL C PPE.

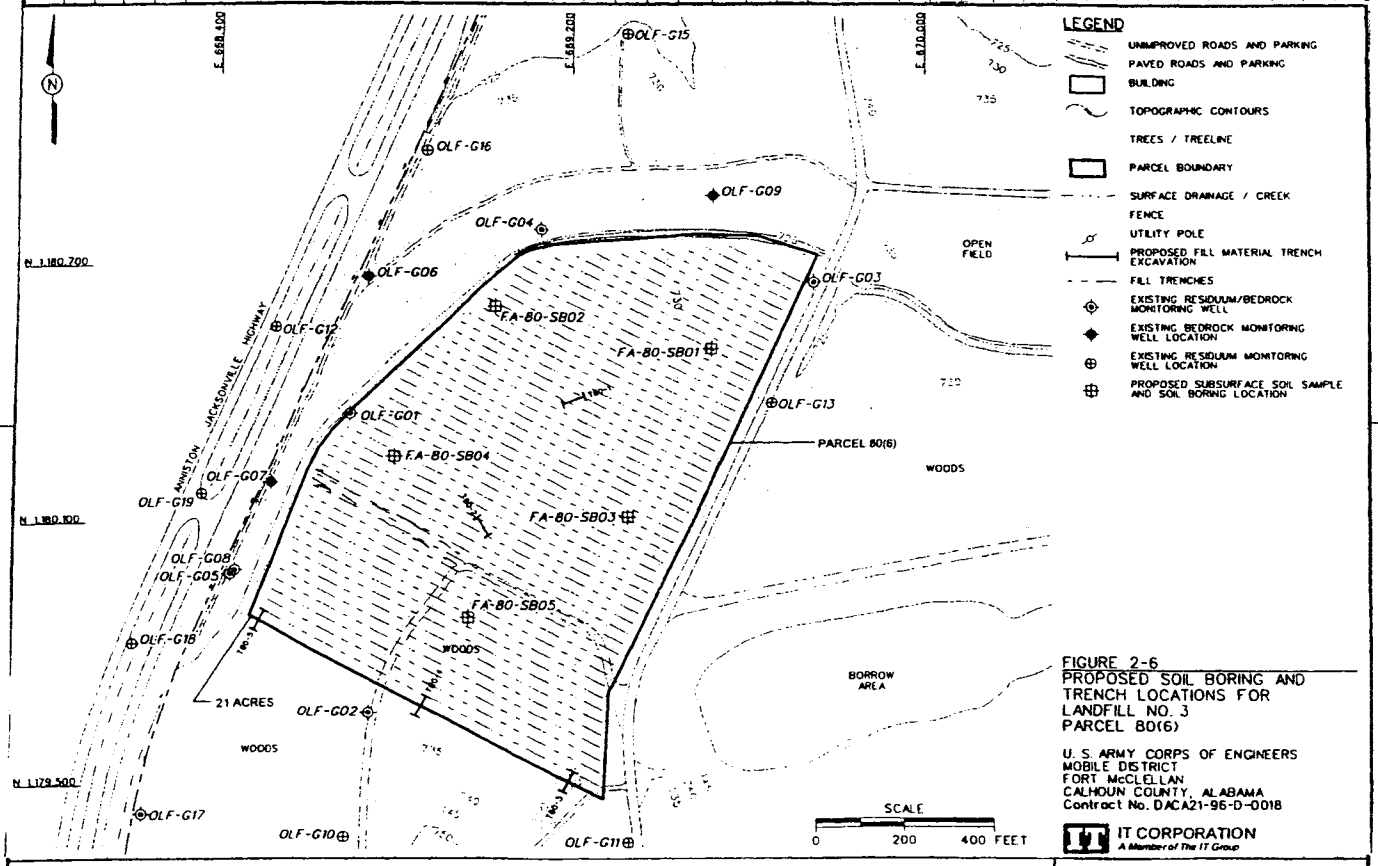


FIGURE 2-6
PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR LANDFILL NO. 3 PARCEL 80(6)

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

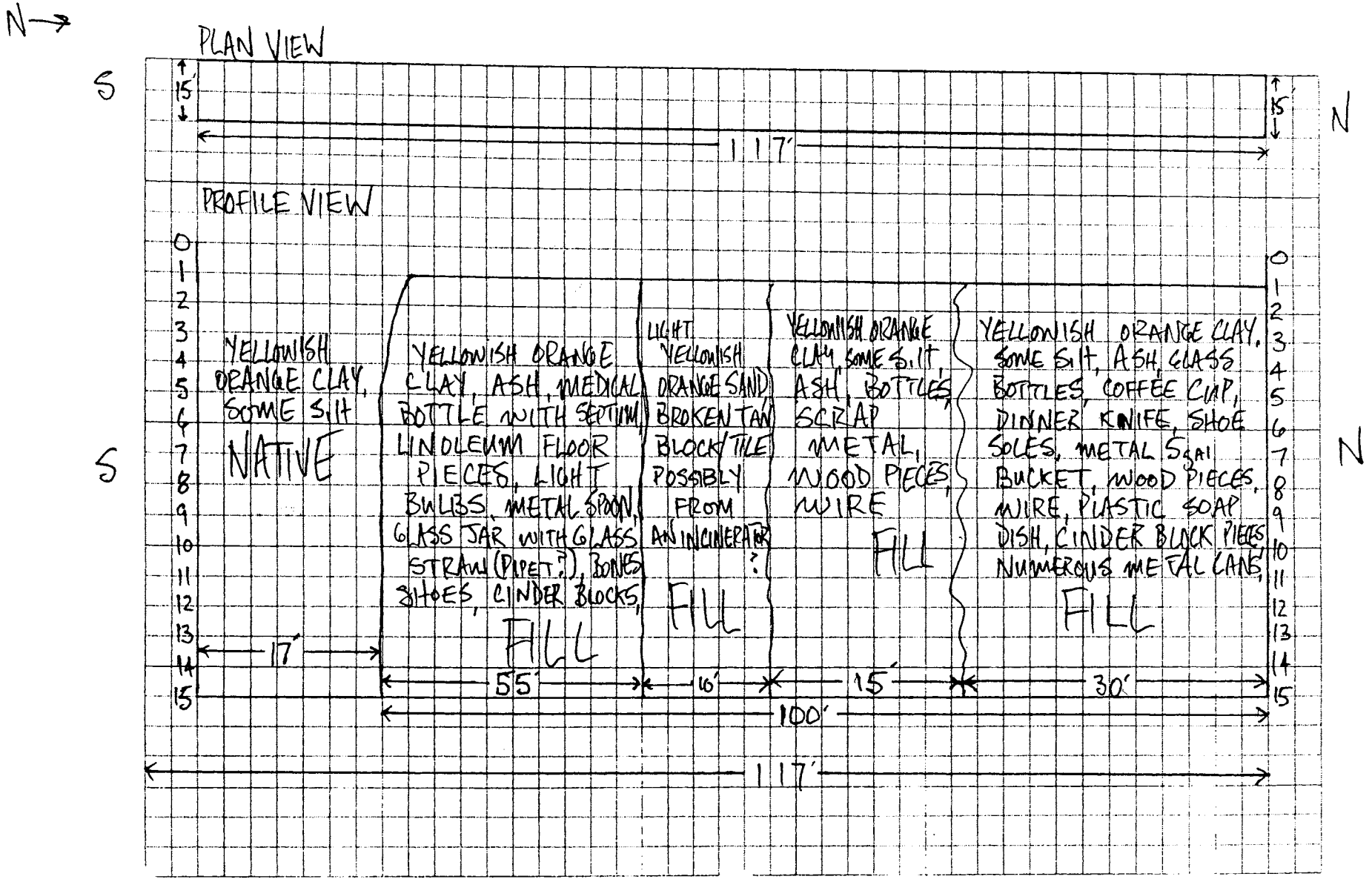
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T80-3

Test Pi. Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 80 (6)
Date: 3/7/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

T :h Location: T80-3
Equipment used: CAT 320 TRACKHOE

Excavation size:
117 X 3 X 15 = 5265
Length Width Depth Volume FT³



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T80-3

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	FID ppm 0.0	MOIST
	2		CL	FID ppm	
	3	PREDOMINATLY YELLOWISH ORANGE CLAY, SOME SILT,		5.7	
	4				
	5				
	6	FILL			V. MOIST
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				

Project Fort McClellan, SAD TERC

Trench Number: T80-3

TRENCH LOG

Company Name: IT Corporation		District: Mobile USACE
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.		Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: NORM HONEA		Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, LEL, FID		Trench Location: LANDFILL 3 PARCEL 80(6)
		Surface Elevation: TBD
		Date Started: 3/6/00 — Date Completed: 3/6/00
Overburden Thickness: 10'		Total Depth of Trench: 10'
Depth Rock Encountered: NA		Total Length of Trench: 106'
Disposition of Trench: Backfilled ✓		Signature of Geologist: Denton Hill

Trench Number: T80-4

Sheet 1 of 3 Sheets

Location Sketch/Comments — Scale: AS SHOWN

DETECTIONS EXCEEDING BACKGROUND LIMITS WERE NOT ENCOUNTERED DURING TRENCHING OPERATIONS USING THE PHOTOIONIZATION DETECTOR AND LOWER EXPLOSIVITY LIMIT DETECTOR. THE FLAME IONIZATION DETECTER RECORDED ONE UNSUSTAINED READINGS OF 37.6 ppm DURING TRENCHING OPERATIONS.

TRENCH EXCAVATIONS PERFORMED IN LEVEL C PPE.

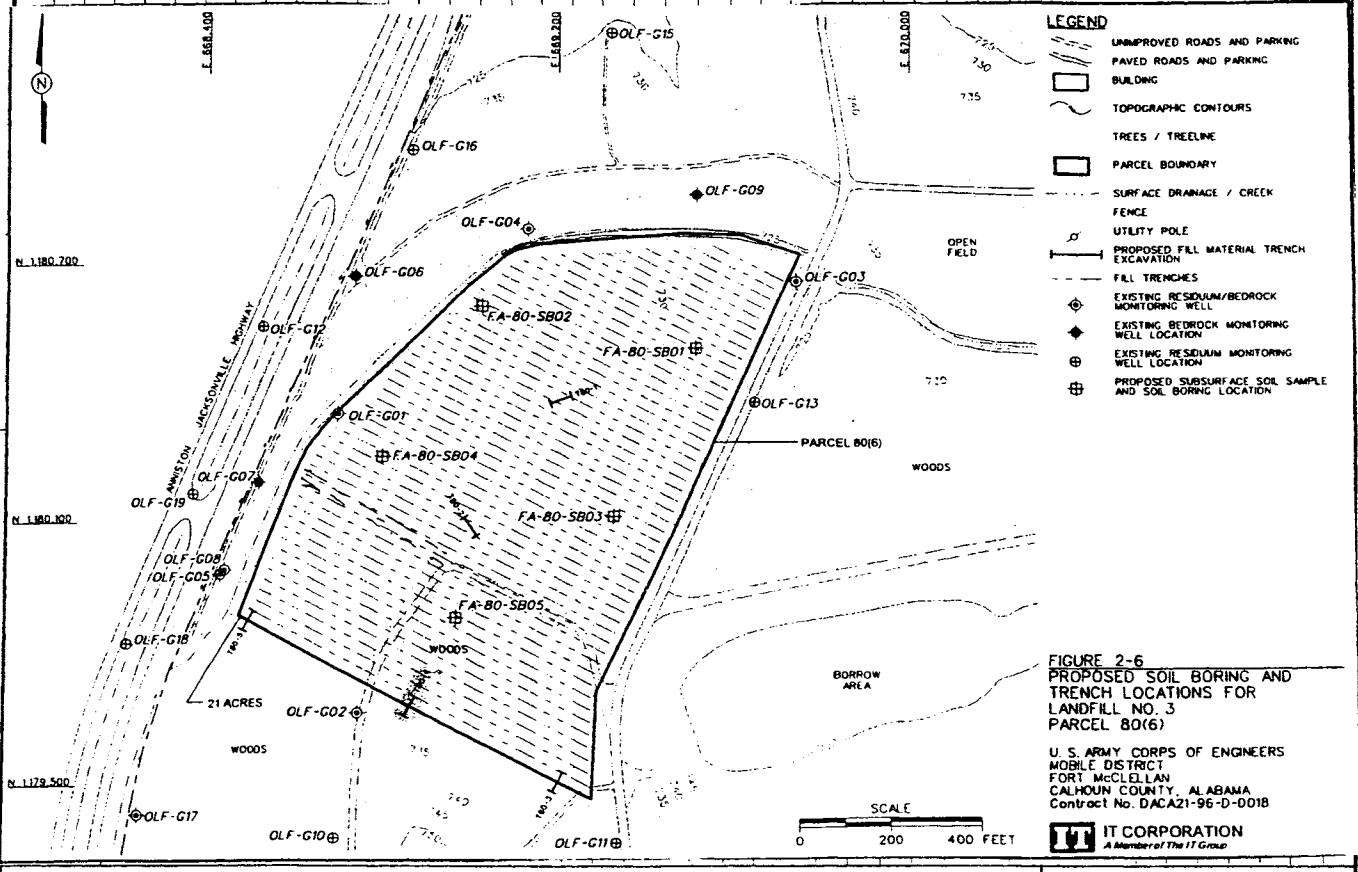


FIGURE 2-6
PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR LANDFILL NO. 3 PARCEL 80(6)

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: T80-4

Test Pi Classification Log

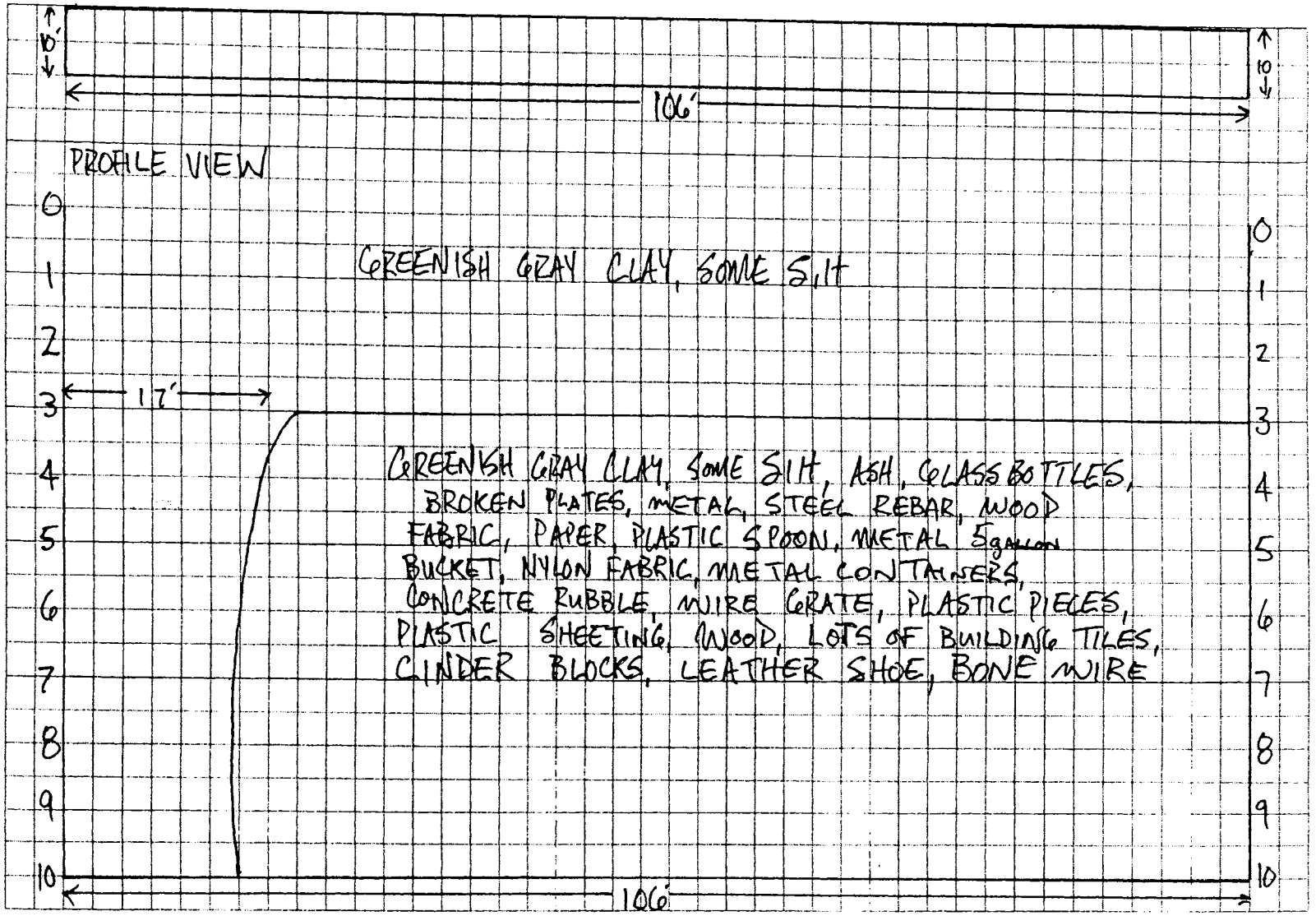
Project: Fort McClellan, SAD TERC
Parcel# 80(6)
Date: 3/6/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

Trench Location: T 80 - 4
Equipment used: CAT 320 TRACKHOE

Excavation size:
106' X 3' X 10' = 3180
Length Width Depth Volume FT3

→ N

PLAN VIEW



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T80-4

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
	1–3	GREENISH GRAY CLAY, SOME SILT	CL	0.0	MOIST
	4–7	GREENISH GRAY CLAY, SOME SILT, FILL	CL	FD 37.6 PPM	V. MOIST

Project Fort McClellan, SAD TERC

Trench Number: T80-4

TRENCH LOG

Company Name: IT Corporation	District: Mobile USACE	Trench Number: T80-5
		Sheet: 1 of 3 Sheets

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: NORM HONEA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, LEL / FID	Trench Location: LANDFILL 3 PARCEL 80(6)
	Surface Elevation: TBD
	Date Started: 3/3/00 — Date Completed: 3/6/00
Overburden Thickness: 5'	Total Depth of Trench: 5'
Depth Rock Encountered: NA	Total Length of Trench: 135'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Daniel 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 EXCAVATIONS PERFORMED IN LEVEL C PPE.

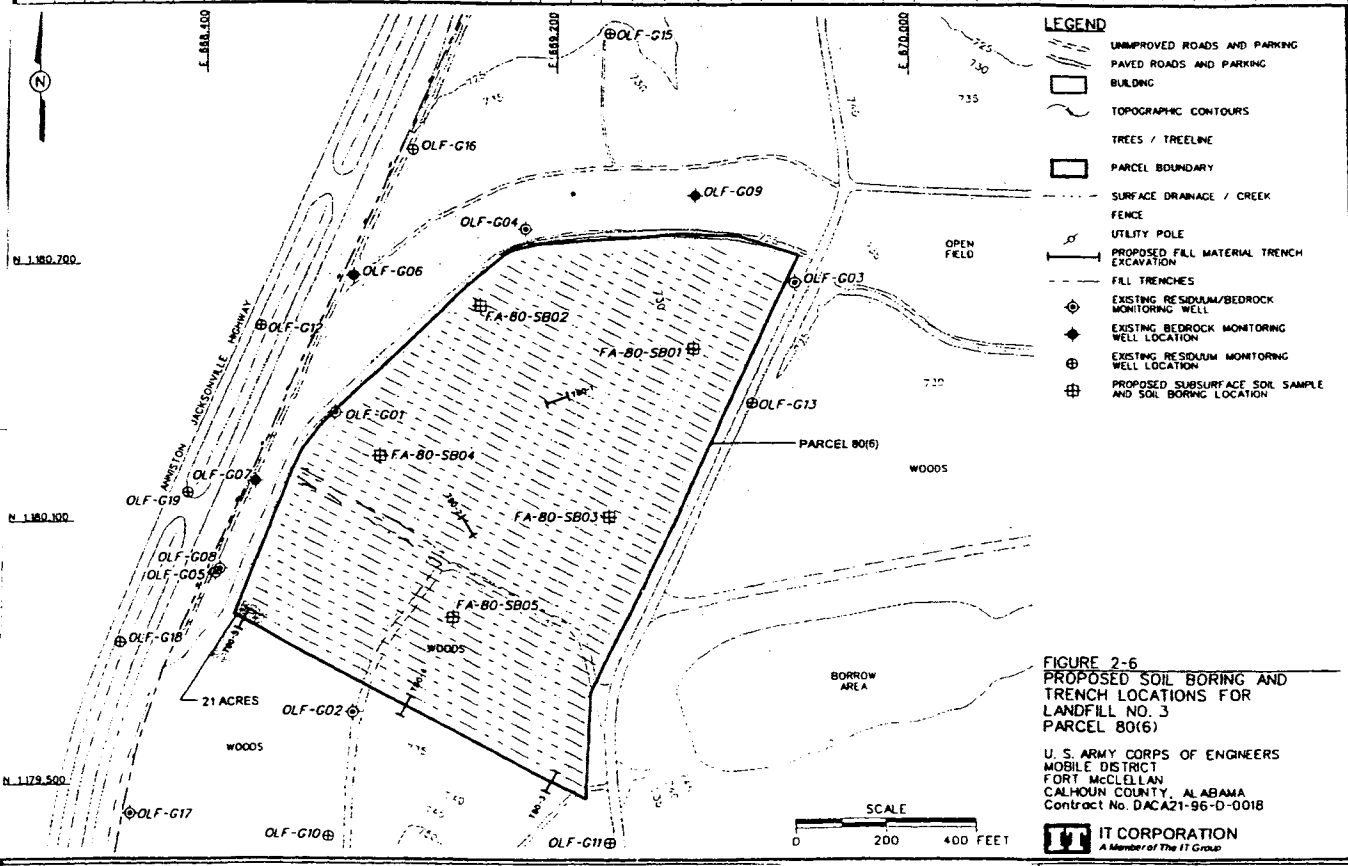


FIGURE 2-6
PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR LANDFILL NO. 3 PARCEL 80(6)

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

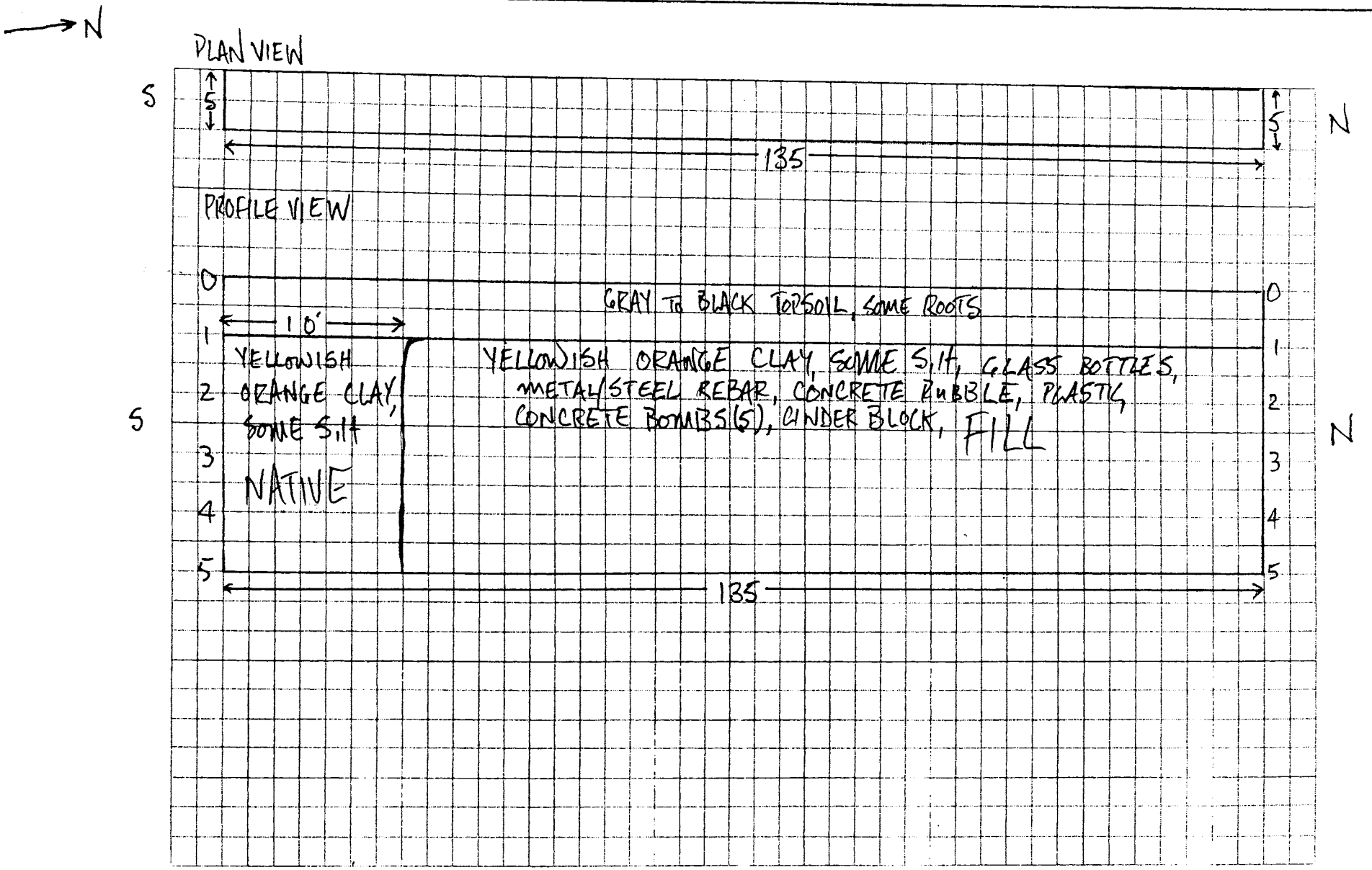
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T80-5

Test Pi Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 80 (6)
Date: 3/6/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

T ch Location: T80-5
Equipment used: CAT 320 TRACKHOE

Excavation size:
135 X 3 X 5 = 2025
Length Width Depth Volume FT3



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T80-5

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	GRAY/BLACK TOPSOIL, SOME ROOTS		0.0	SL. MOIST
	2	YELLOWISH ORANGE CLAY, SOME S.H, FILL	CL	0.0	MOIST, FILL EXTENDS GREATER THAN 5' DEEP.
	3				
	4				
	5				

Project Fort McClellan, SAD TERC

Trench Number T80-5

TRENCH LOG

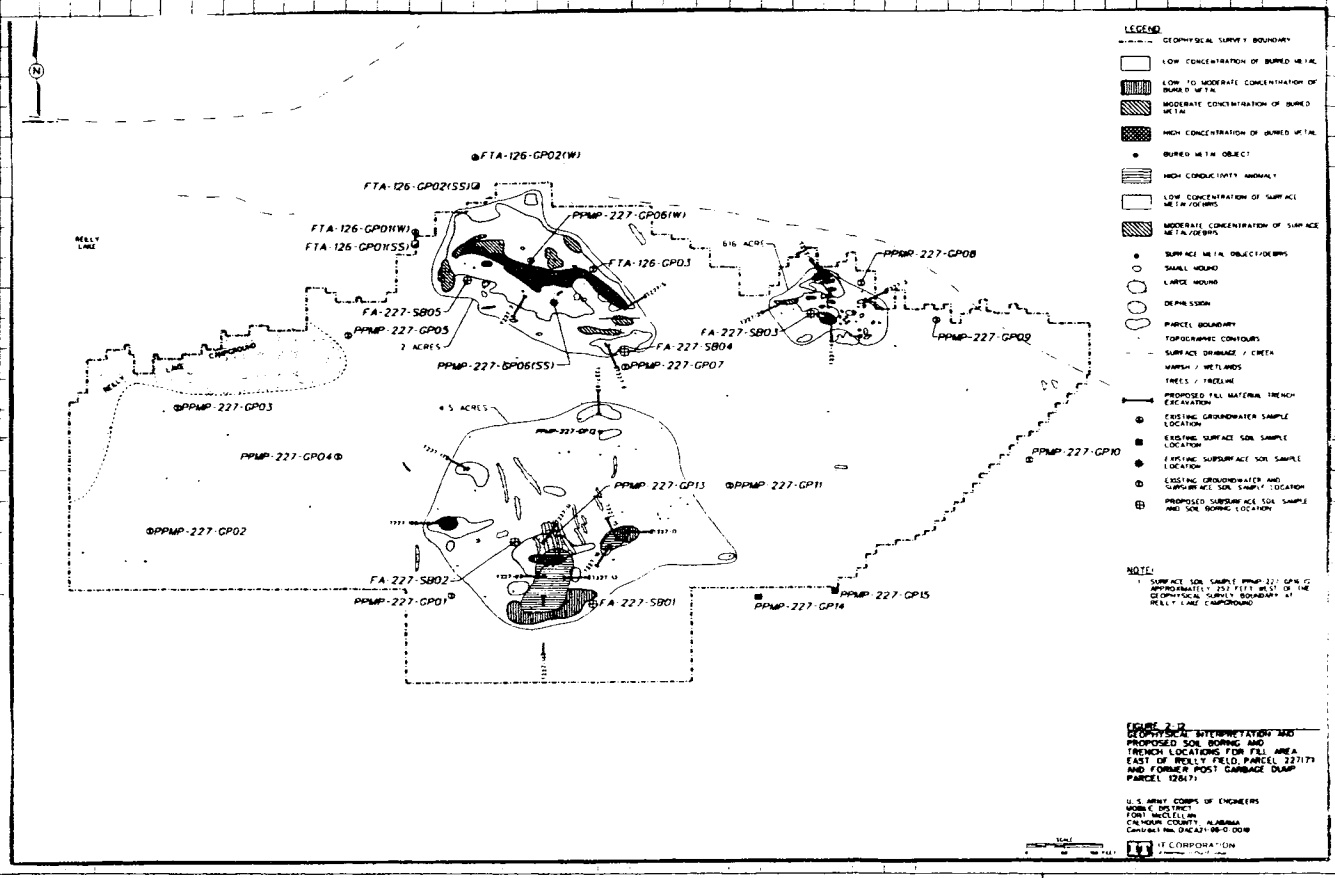
	District: Mobile USACE	Trench Number: TZZ7-1
Company Name: IT Corporation		Sheet: 1 of 3 Sheets

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: EAST REILLY FIELD, PARCEL 227(7)
	Surface Elevation: TBD
Date Started: 3/21/00	Date Completed: 3/21/00
Overburden Thickness: 12'	Total Depth of Trench: 12'
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 EXCAVATIONS PERFORMED IN LEVEL C PPE.



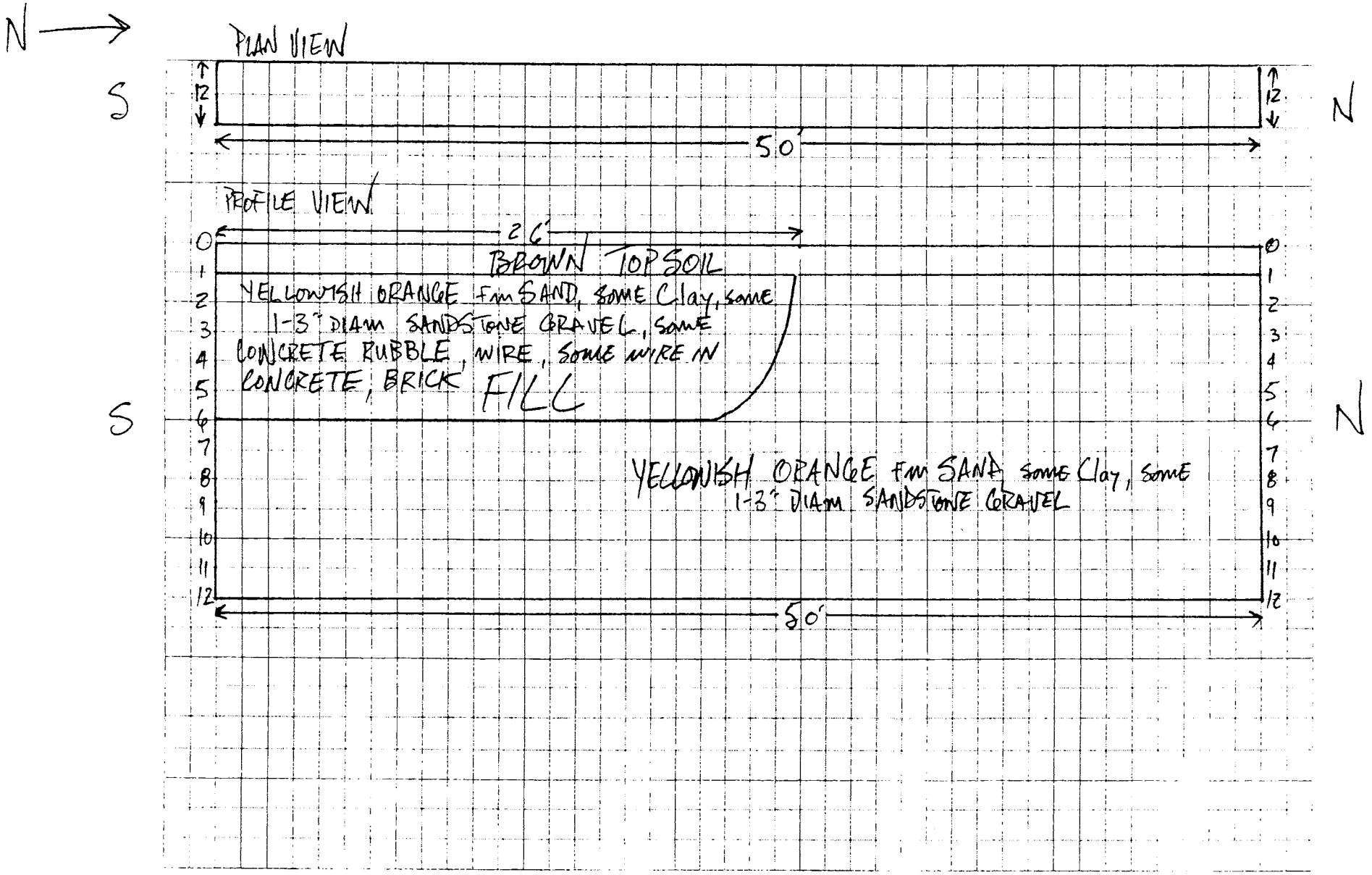
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: TZZ7-1

Test I Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 227 (7)
Date: 3/21/06
* Provide Sketch of Sidewall
Geologist: DENTON HILL

nch Location: T 227-1
Equipment used: CAT 320 TRACKHOE

Excavation size:
50' X 3 X 12 = 1800
Length Width Depth Volume FT3



TRENCH CLASSIFICATION LOG (continuation sheet) | Trench Number: T227-1

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	BROWN TOPSOIL		0.0	MOIST
	2	YELLOWISH ORANGE f-m SAND, SOME clay		0.0	VERY MOIST
	3	FILL			
	4				
	5				
	6				
	7	YELLOWISH ORANGE f-m SAND		0.0	
	8	SOME clay			
	9				MOIST
	10	NATIVE			
	11				
	12				

TRENCH LOG

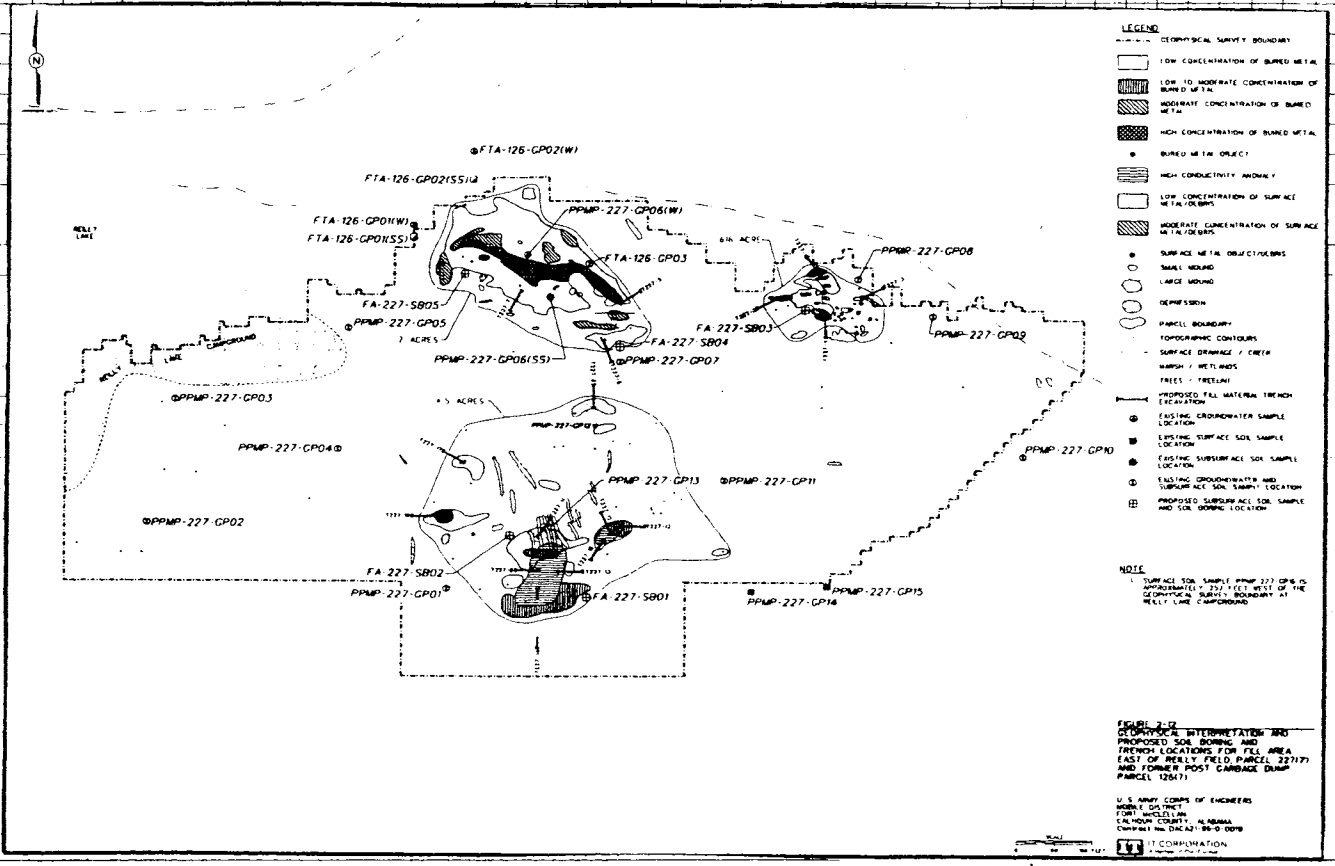
Company Name: IT Corporation	District: Mobile USACE	Trench Number: T227-2
		Sheet 1 of 3 Sheets

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: EAST REILLY FIELD, PARCEL 227(7)
	Surface Elevation: TBD
Date Started: 3/21/00	Date Completed: 3/21/00
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 ENCOUNTERED DURING TRENCHING OPERATIONS USING THE PHOTOIONIZATION DETECTOR, FLAME IONIZATION DETECTOR, AND LOWER EXPLOSIVITY LIMIT DETECTOR.

TRENCH EXCAVATIONS PERFORMED IN LEVEL C PPE.



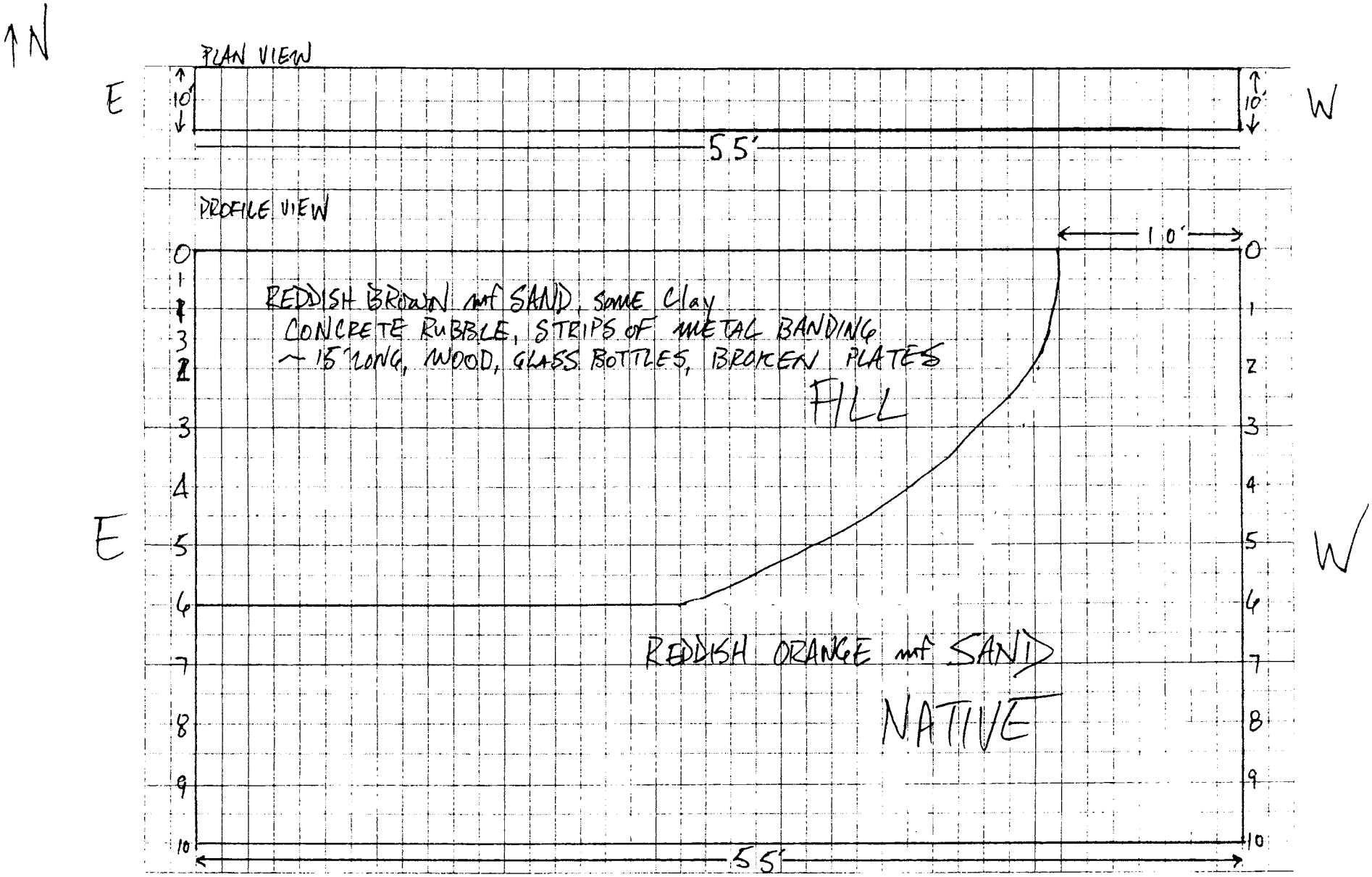
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T227-2

Test P.. Classification Log

Project: Fort McClellan, SAD TERC
Parcel# TZ7-2
Date: 3/2/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

ıch Location: TZ7-2
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
55 X 3 X 10 = 1650
Length Width Depth Volume FT3



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-2

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	REDDISH BROWN mf SAND, SOME CLAY	S	0.0	
	2	FILL			MOIST
	3				
	4				
	5				
	6				
	7	REDDISH ORANGE mf SAND	S	0.0	MOIST
	8	NATIVE			
	9				
	10				

Project Fort McClellan, SAD TERC

Trench Number T227-2

TRENCH LOG

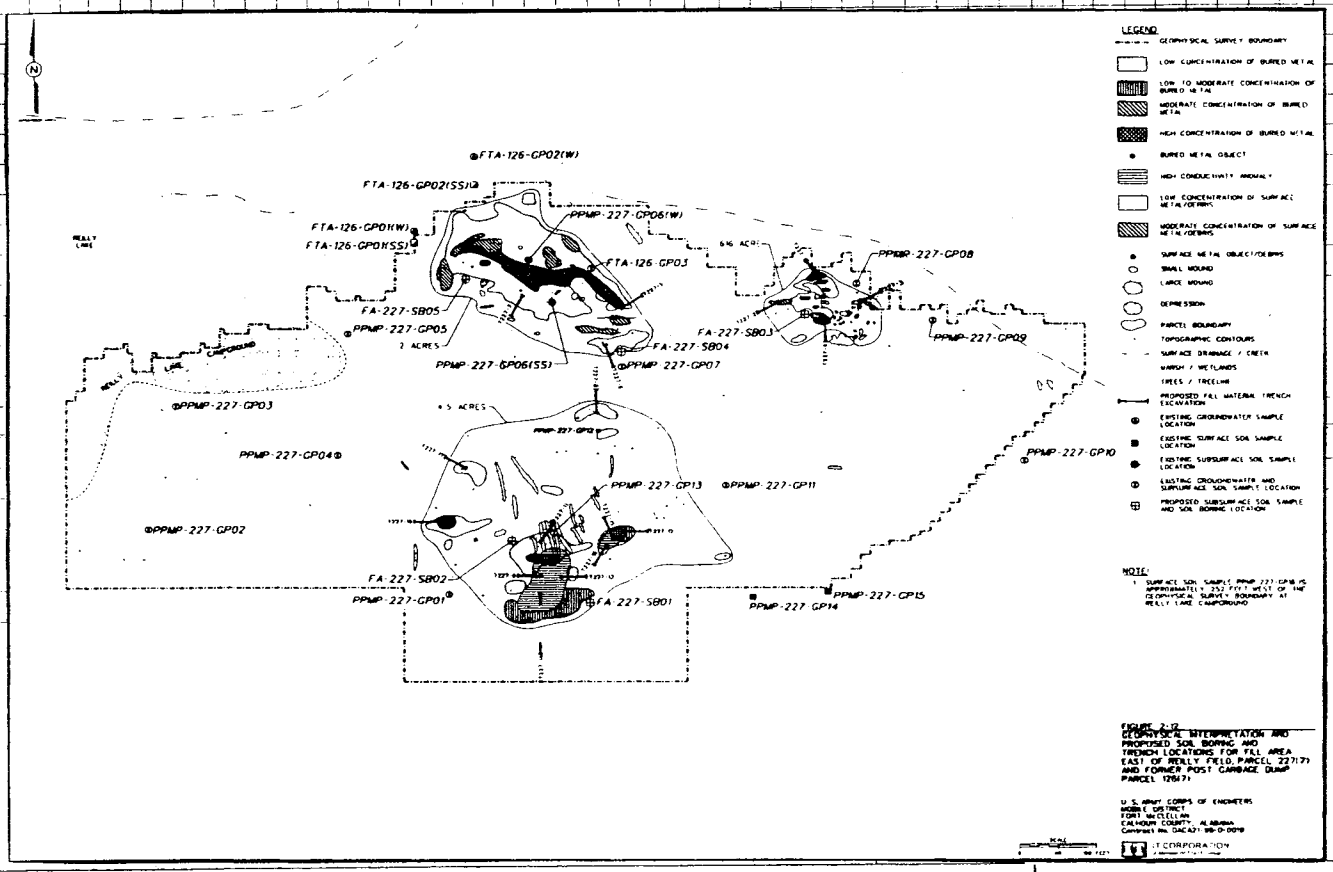
Company Name: IT Corporation	District: Mobile USACE	Trench Number: T227-3
		Sheet 1 of 3 Sheets

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: EAST REILLY FIELD, PARCEL 227(7)
	Surface Elevation: TBD
Date Started: 3/21/00	Date Completed: 3/21/00
Overburden Thickness: 12'	Total Depth of Trench: 12'
Depth Rock Encountered: NA	Total Length of Trench: 63'
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 EXCAVATIONS PERFORMED IN LEVEL C PPE.

NO FILL ENCOUNTERED.



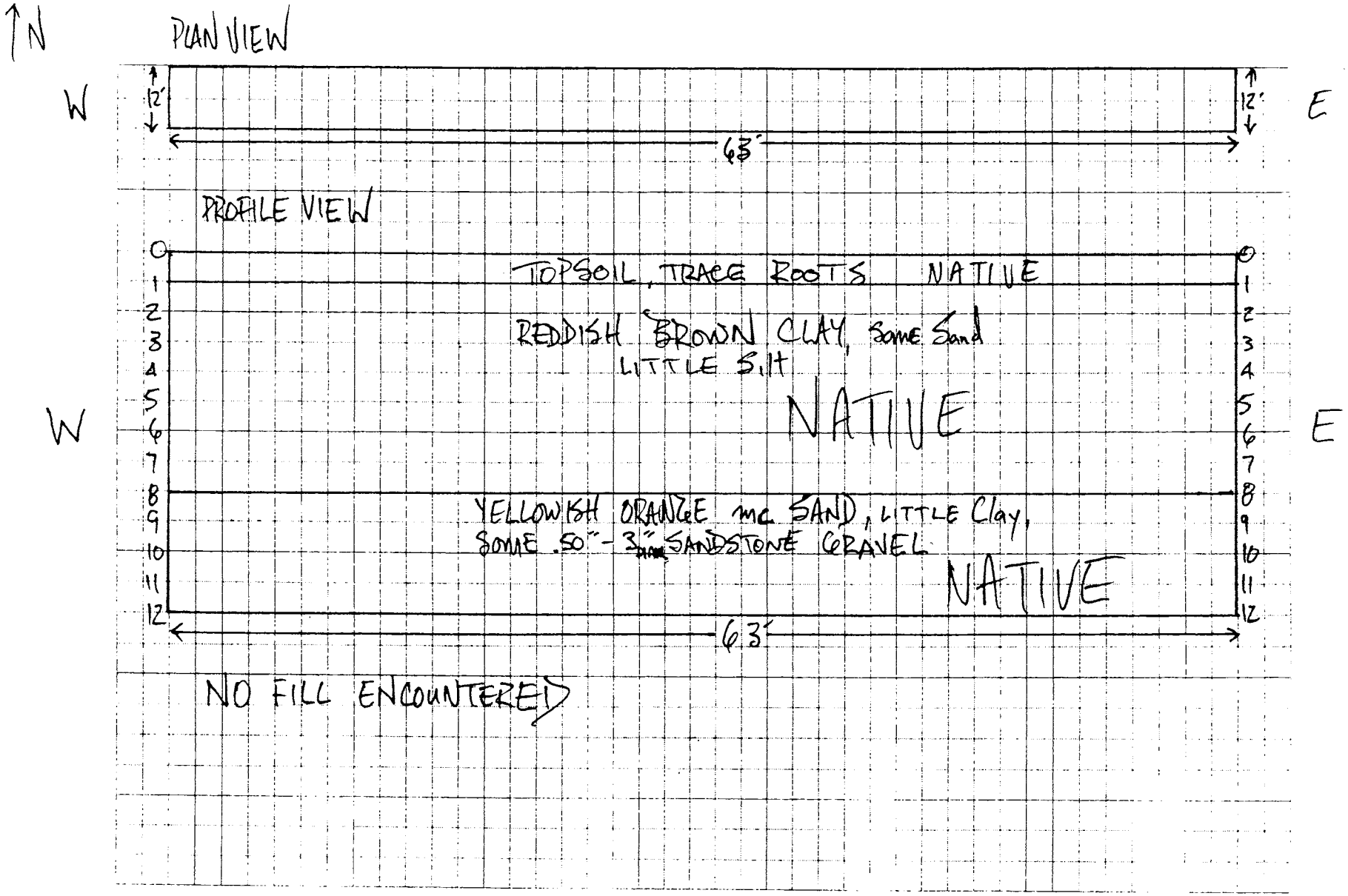
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T227-3

Test F
Classification
Log

Project: Fort McClellan, SAD TERC
Parcel# 227(7)
Date: 8/21/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

ıch Location: T227-3
Equipment used: CAT 320 TRACKHOE

Excavation size:
63' X 3' X 12' = 2268
Length Width Depth Volume FT³



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-3

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	TOPSOIL, TRACE ROOTS		0.0	SL, MOIST
	2	REDDISH BROWN CLAY, SOME SAND	CL	0.0	SL. MOIST
	3				
	4				
	5				
	6				
	7				
	8				
	9	YELLOWISH ORANGE MC SAND, LITTLE CLAY	S	0.0	MOIST
	10	SOME .50"-3" DIAM SANDSTONE			
	11	GRAVEL			
	12				

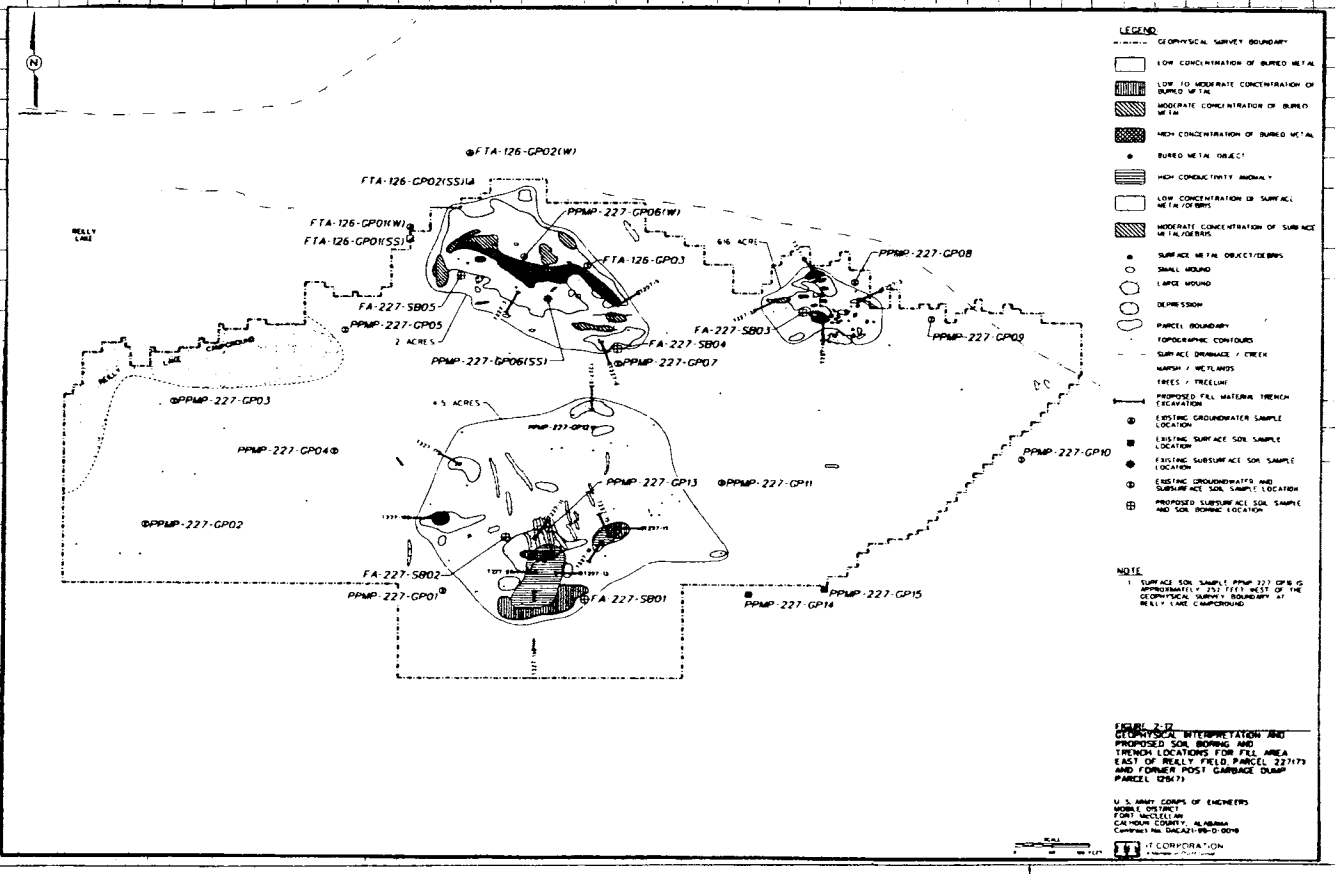
TRENCH LOG

District: Mobile USACE		Trench Number: T227-4
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, FID, LEL	Trench Location: EAST REILLY FIELD, PARCEL 227(7)	
	Surface Elevation: TBD	
	Date Started: 3/21/00	Date Completed: 3/21/00
Overburden Thickness: 11'	Total Depth of Trench: 11'	
Depth Rock Encountered: NA	Total Length of Trench: 61'	
Disposition of Trench: Backfilled ✓	Signature of Geologist: Dawn Hill	

Location Sketch/Comments — Scale: AS SHOWN

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

TRENCH EXCAVATIONS PERFORMED IN LEVEL C PPE.



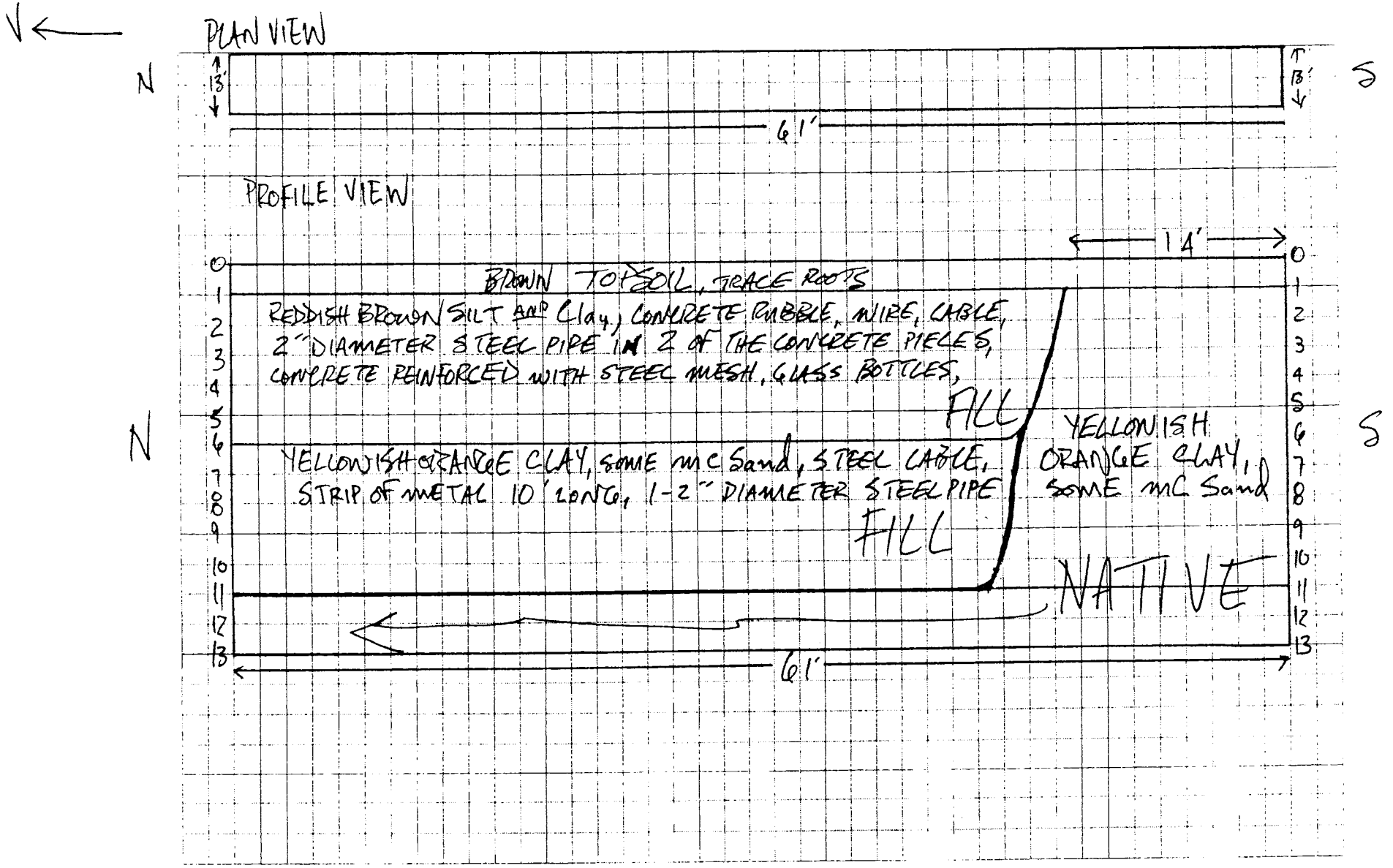
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation — Trench Number: T227-4

Test Pi. Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 227(7)
Date: 3/21/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

Trench Location: T227-4
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
61' X 3' X 11' = 2013 FT3
Length Width Depth Volume



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227 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	BROWN TOPSOIL, TRACE ROOTS		0.0	SL. MOIST
	2–5	REDDISH BROWN SILT AND Clay FILL	S	0.0	MOD. MOIST
	6–10	YELLOWISH ORANGE CLAY, SOME MC Sand, FILL	CL	0.0	MOD. MOIST
	11–13	YELLOWISH ORANGE CLAY SOME MC Sand	CL	0.0	MOIST NATIVE

Project Fort McClellan, SAD TERC

Trench Number: T227-4

TRENCH LOG

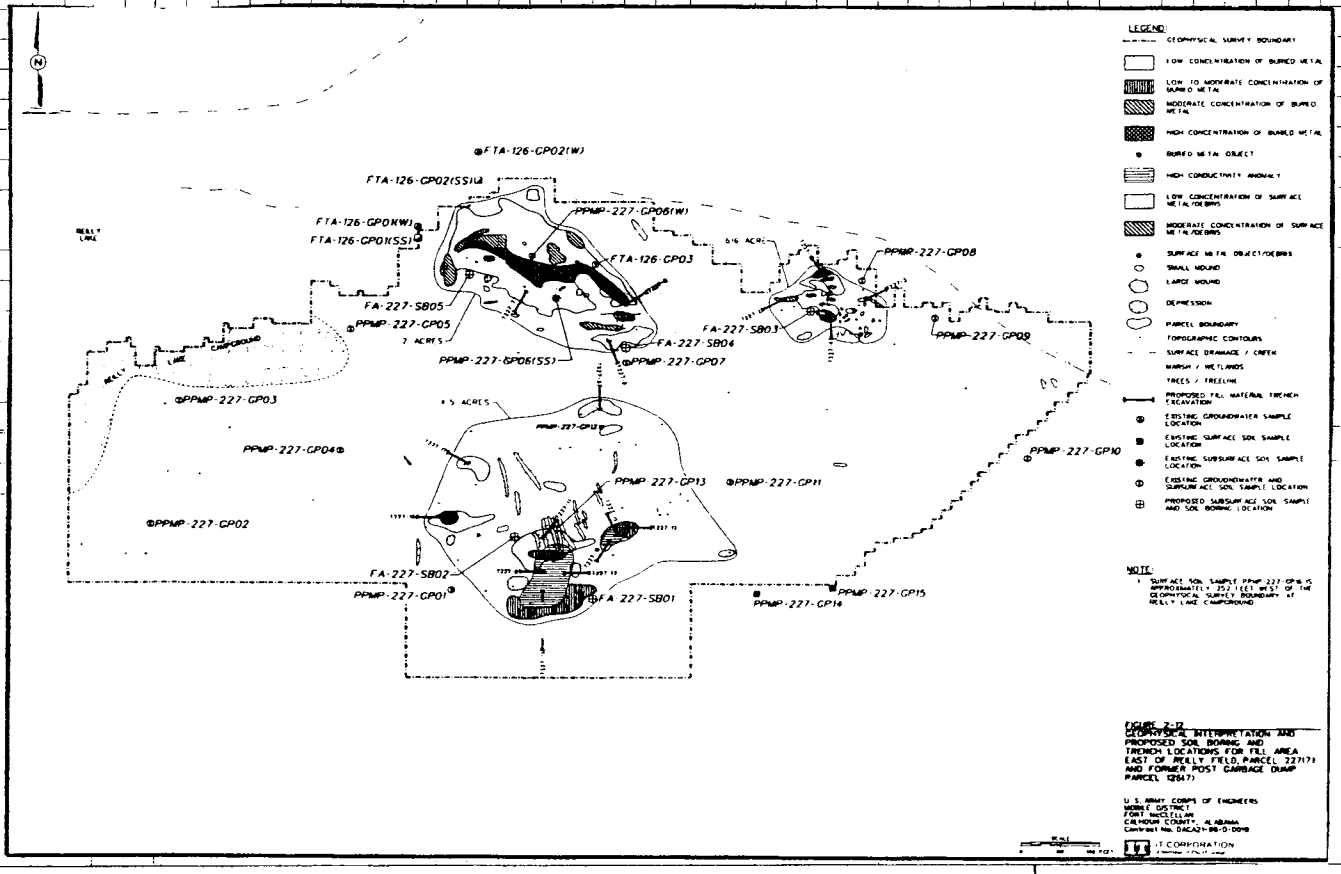
Company Name: IT Corporation	District: Mobile USACE	Trench Number: T227-5
		Sheet: 1 of 3 Sheets

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: EAST REILLY FIELD, PARCEL 227(7)
	Surface Elevation: TBD
Date Started: 3/22/00	Date Completed: 3/22/00
Overburden Thickness: 12'	Total Depth of Trench: 12'
Depth Rock Encountered: NA	Total Length of Trench: 50'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Denise 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 EXCAVATIONS PERFORMED IN LEVEL C PPE.



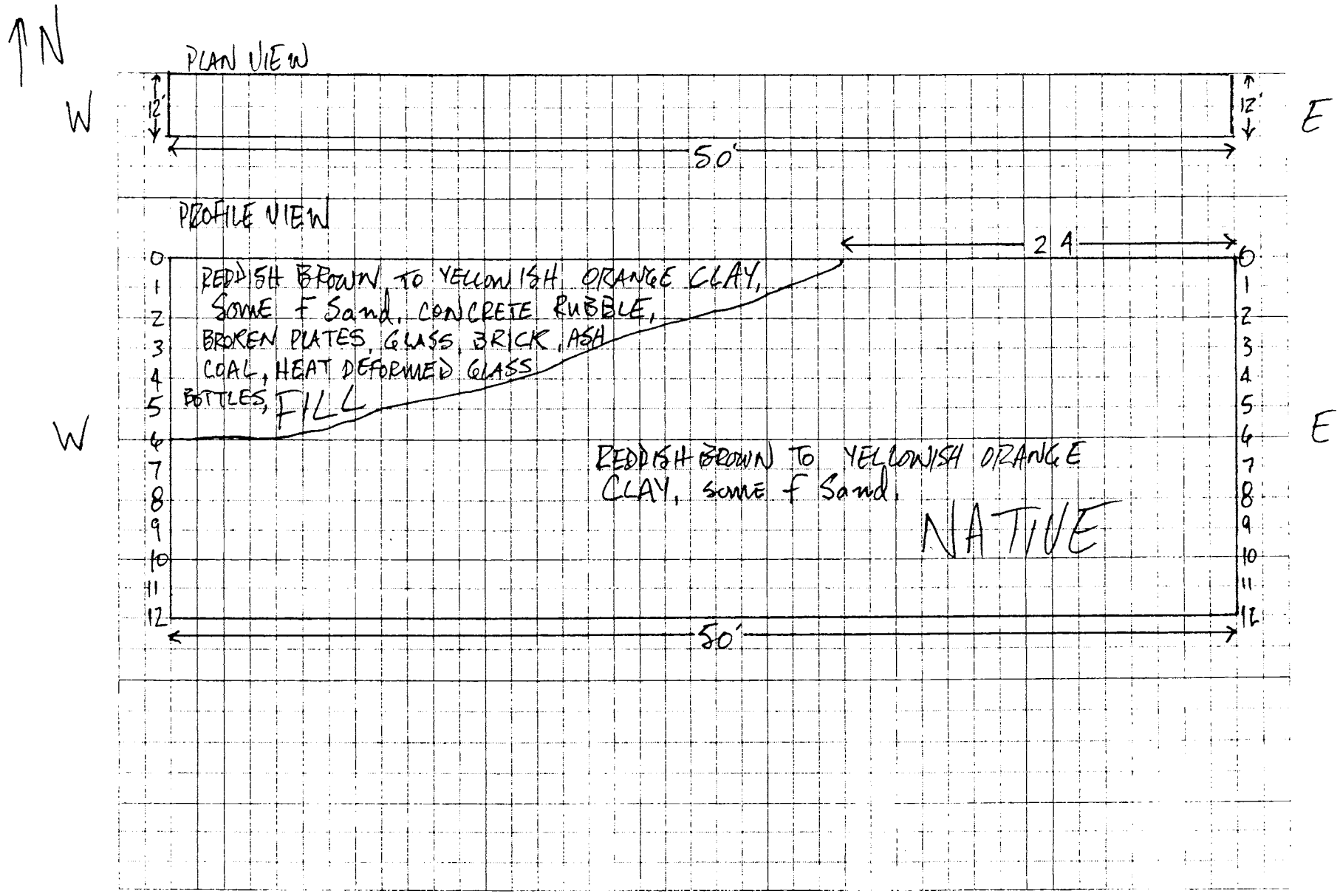
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T227-5

Test F Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 227(7)
Date: 3/22/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

Trench Location: T227-5
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
50 ' X 3 ' X 12 ' = 1800
Length Width Depth Volume FT3



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-5

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
	1–6	REDDISH BROWN TO YELLOWISH ORANGE CLAY, SOME F Sand FILL	CL	0.0	MOIST
	7–12	REDDISH BROWN TO YELLOWISH ORANGE CLAY, SOME f Sand NATIVE	CL	0.0	MOIST

Project Fort McClellan, SAD TERC

Trench Number: T227-5

TRENCH LOG

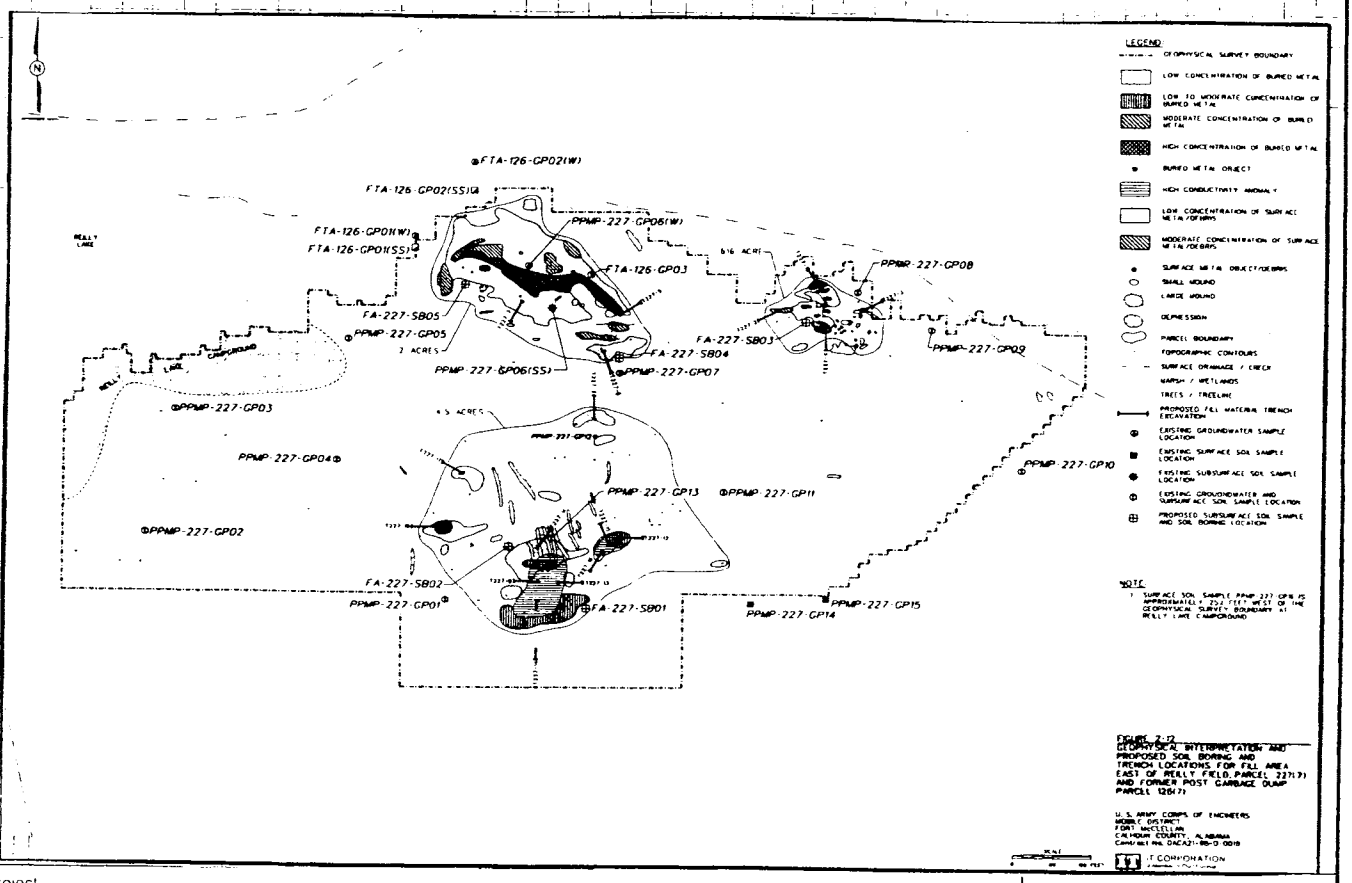
Company Name: IT Corporation	District: Mobile USACE	Trench Number: T 227-6
		Sheet: 1 of 4 Sheets

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: EAST REILLY FIELD, PARCEL 227 (7)
	Surface Elevation: TBD
Date Started: 3/16/00	Date Completed: 3/16/00
Overburden Thickness: 12'	Total Depth of Trench: 12'
Depth Rock Encountered: NA'	Total Length of Trench: 55'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Dan Hill

Location Sketch/Comments — Scale: AS SHOWN

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

TRENCH EXCAVATIONS PERFORMED IN LEVEL C PPE.



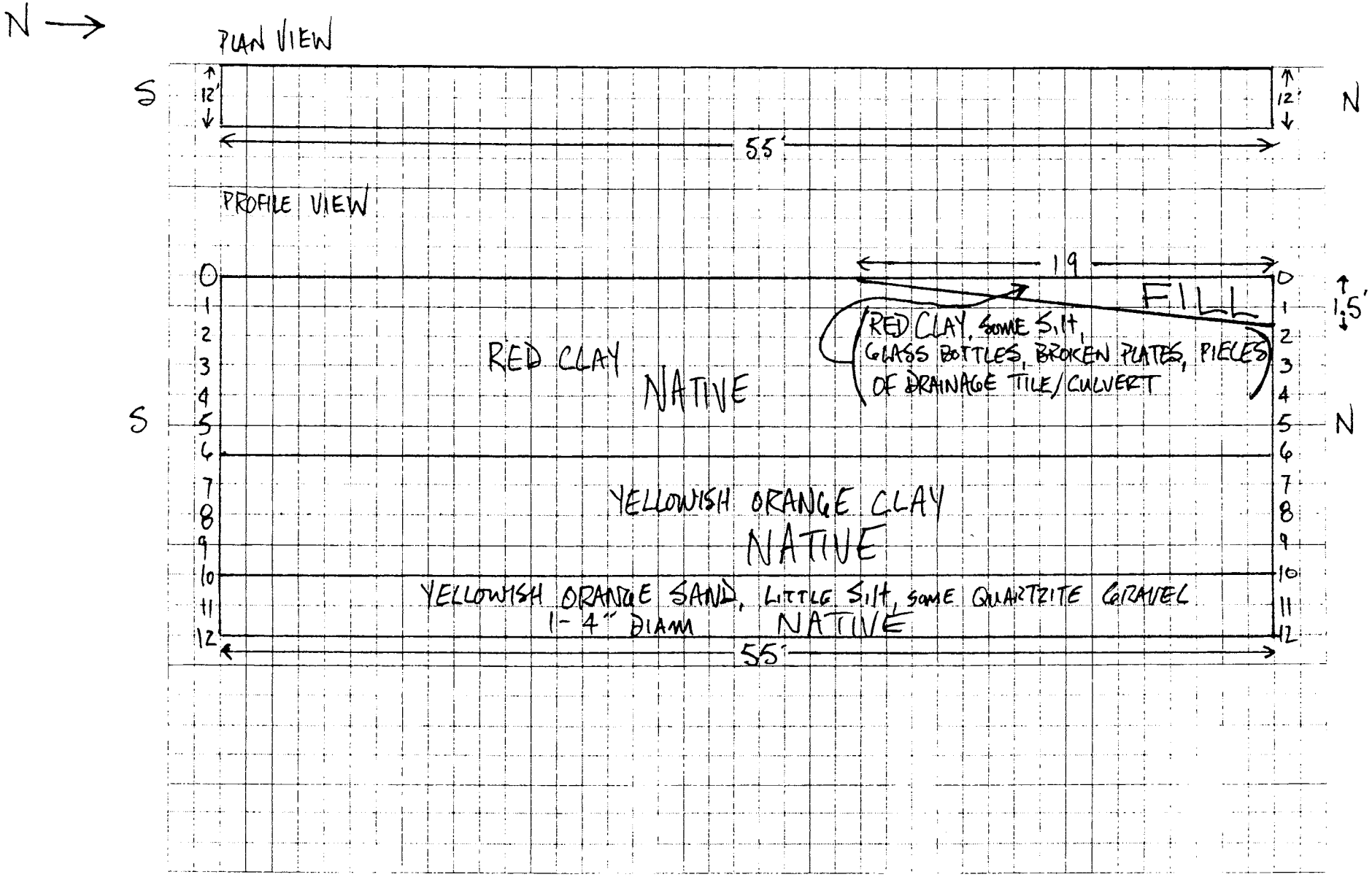
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T 227-6

Test Pi. Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 227(7)
Date: 3/16/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

T ch Location: TZZ7-6
Equipment used: CAT 320 TRACKHOE

Page 2 of 4 Pages
Excavation size:
55 X 3 X 12 = 1980
Length Width Depth Volume PT3



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-6

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	RED CLAY FILL	CL	0.0	FILL MOIST
	2				
	3	RED CLAY	CL	0.0	MOIST
	4				NATIVE
	5				
	6				
	7	YELLOWISH ORANGE CLAY	CL	0.0	MOIST
	8				NATIVE
	9				
	10				

TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-6

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
	11	YELLOWISH ORANGE CLAY	CL	0.0	MOIST NATIVE
	12				

Project Fort McClellan, SAD TERC

Trench Number: T227-6

TRENCH LOG

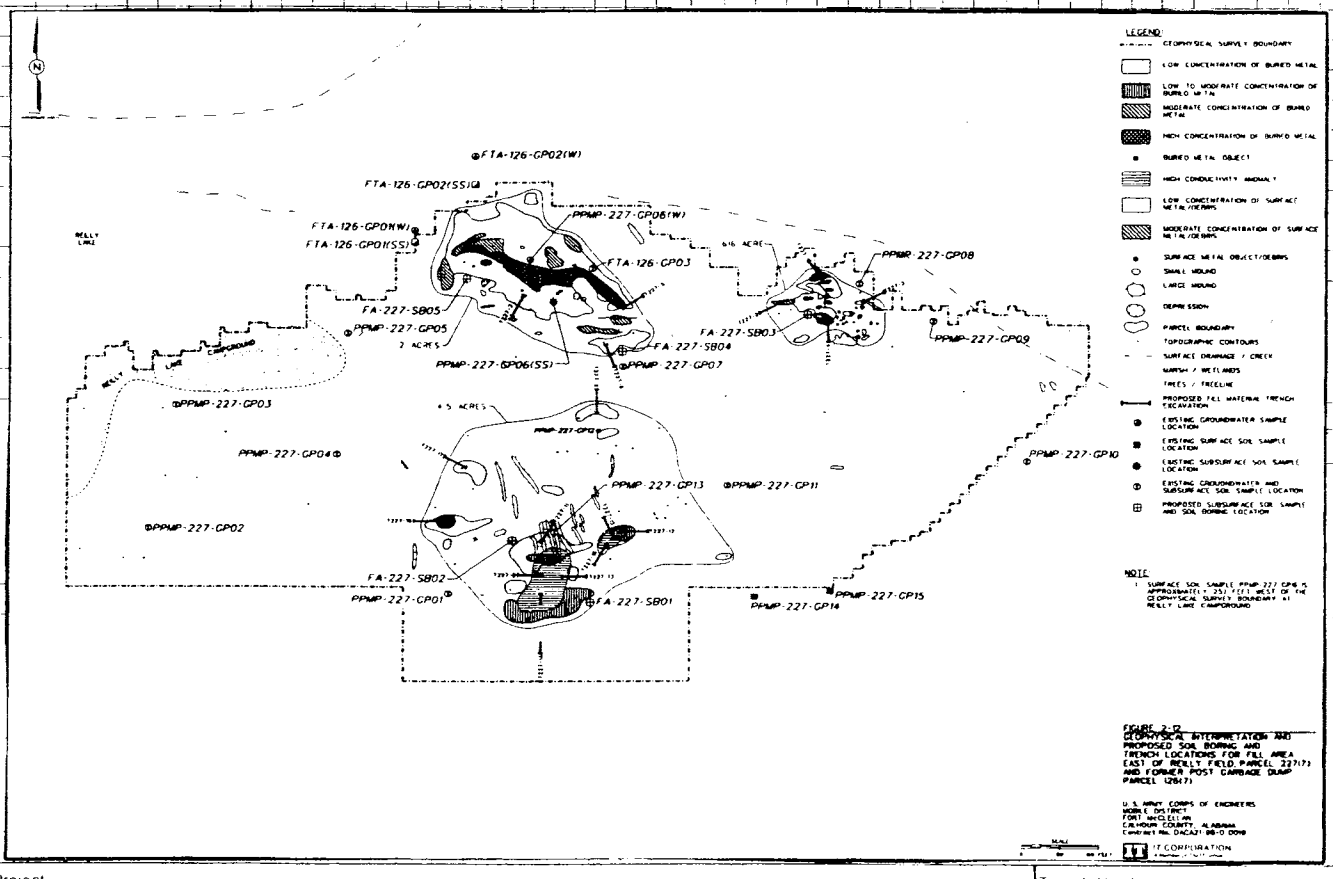
Company Name: IT Corporation	District: Mobile USACE	Trench Number: T227-7
		Sheet 1 of 3 Sheets

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: EAST REILLY FIELD, PARCEL 227(7)
	Surface Elevation: TBD
Date Started: 3/22/00	Date Completed: 3/22/00
Overburden Thickness: 12'	Total Depth of Trench: 12'
Depth Rock Encountered:	Total Length of Trench: 50'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Dan 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 EXCAVATIONS PERFORMED IN LEVEL C PPE.



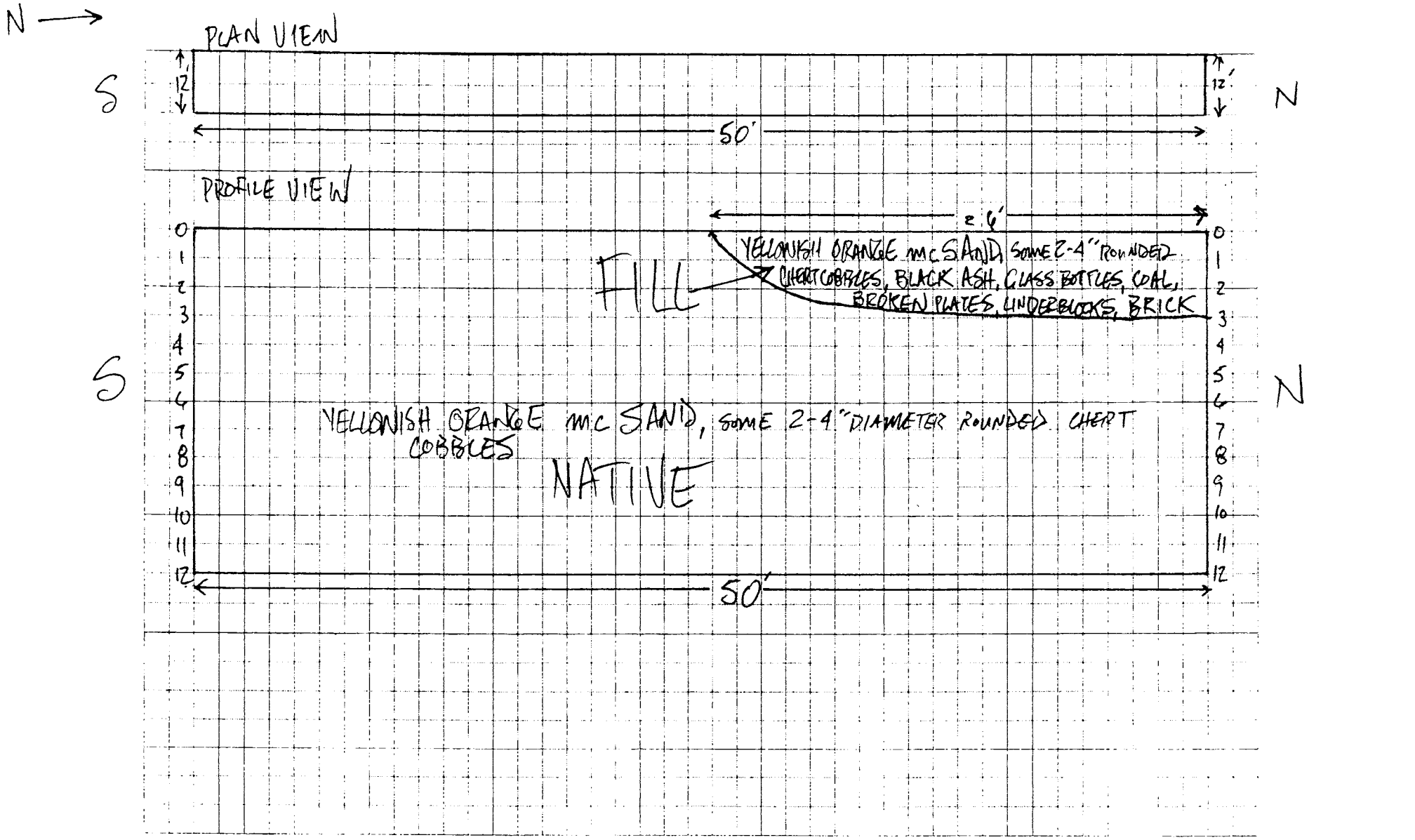
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T227-7

Test P.
Classification
Log

Project: Fort McClellan, SAD TERC
Parcel# 227(7)
Date: 3/22/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

ıch Location: T227-7
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
50' X 3' X 12' = 1800
Length Width Depth Volume FT3



TRENCH CLASSIFICATION LOG (continuation sheet)				Trench Number: T227-7
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
	0–3	YELLOWISH ORANGE mc SAND SOME 2-4" DIAM. ROUNDED CHERT COBBLES. FILL	S	0.0	SLIGHTLY MOIST
	4–12	YELLOWISH ORANGE mc SAND, SOME 2-4" DIAM. ROUNDED CHERT COBBLES NATIVE	S	0.0	MOIST

TRENCH LOG

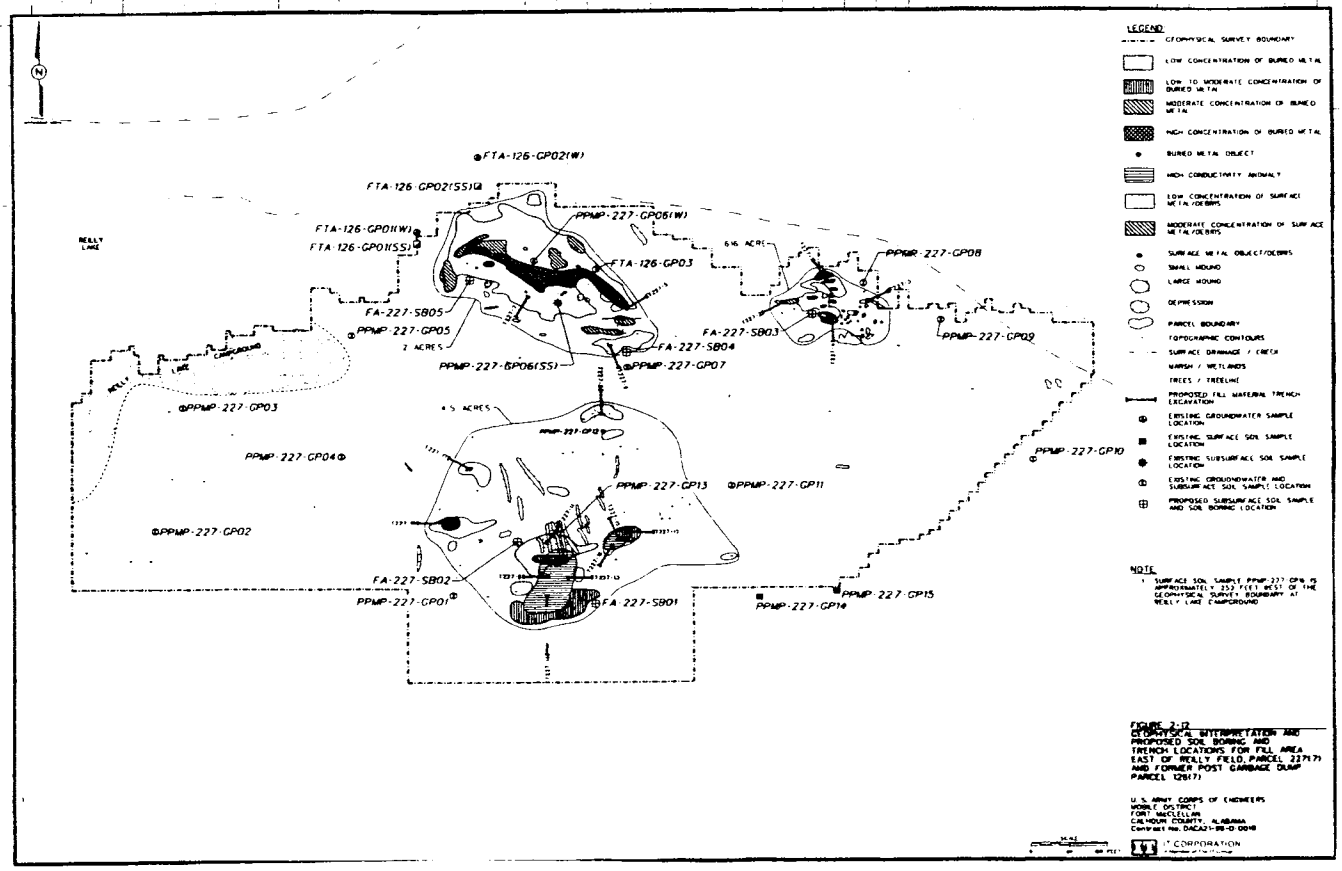
Company Name: IT Corporation	District: Mobile USACE	Trench Number: T227-8
		Sheet 1 of 3 Sheets

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: DAVID AVALA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, LEL, FID	Trench Location: EAST REILLY FIELD, PARCEL 227 (T)
	Surface Elevation: TBD
Date Started: 3/15/00	Date Completed: 3/15/00
Overburden Thickness: 10'	Total Depth of Trench: 10'
Depth Rock Encountered: NA	Total Length of Trench: 60'
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 EXCAVATIONS PERFORMED IN LEVEL C PPE.



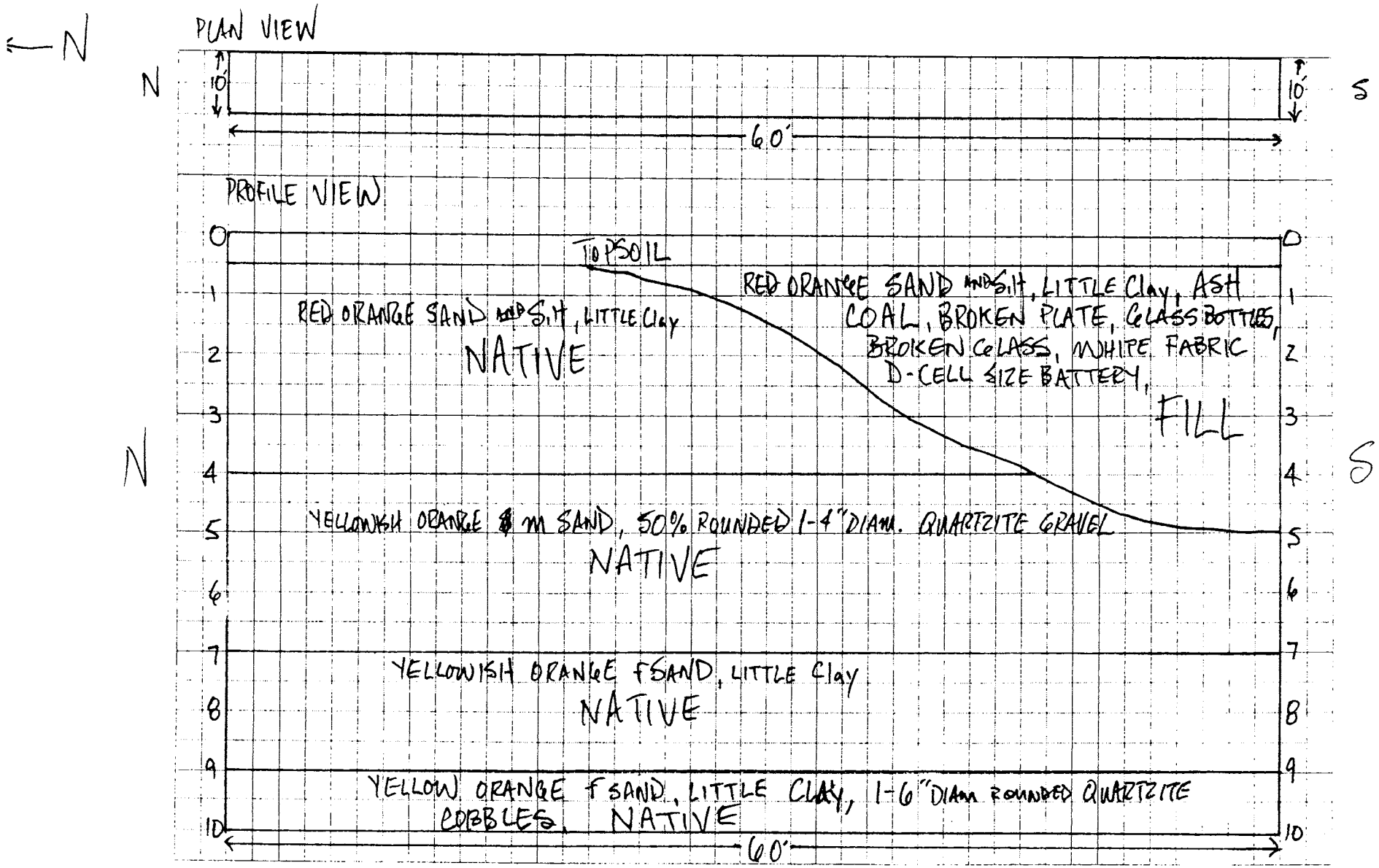
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T227-8

Test F Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 227(7)
Date: 3/15/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

Trench Location: T227-8
Equipment used: CAT 320 TRACKHOE

Excavation size:
60 X 3 X 10 = 1800
Length Width Depth Volume FT3



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-8

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
		TOPSOIL			
	1	RED ORANGE SAND and Silt, LITTLE Clay FILL		0.0	V. MOIST
	2				
	3				
	4				
	5				
	6	YELLOWISH ORANGE m SAND, 50% ROUNDED 1-4" DIAM QUARTZITE GRAVEL NATIVE		0.0	MOIST
	7				
	8	YELLOWISH ORANGE f SAND, LITTLE Clay NATIVE		0.0	MOIST
	9				
	10	YELLOWISH ORANGE f SAND, LITTLE Clay, 1-6" DIAM ROUNDED QUARTZITE COBBLES		0.0	MOIST

TRENCH LOG

Company Name: IT Corporation	District: Mobile USACE	Trench Number: T227-9
		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: EAST REILLY FIELD, PARCEL 227(7)
	Surface Elevation: TBD
	Date Started: 3/20/00 — Date Completed: 3/20/00
Overburden Thickness: 15' MAX	Total Depth of Trench: 15 MAX
Depth Rock Encountered: NA	Total Length of Trench: 63'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Dalton Hill

Location Sketch/Comments — Scale: AS SHOWN

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

TRENCH EXCAVATIONS PERFORMED IN LEVEL C PPE.

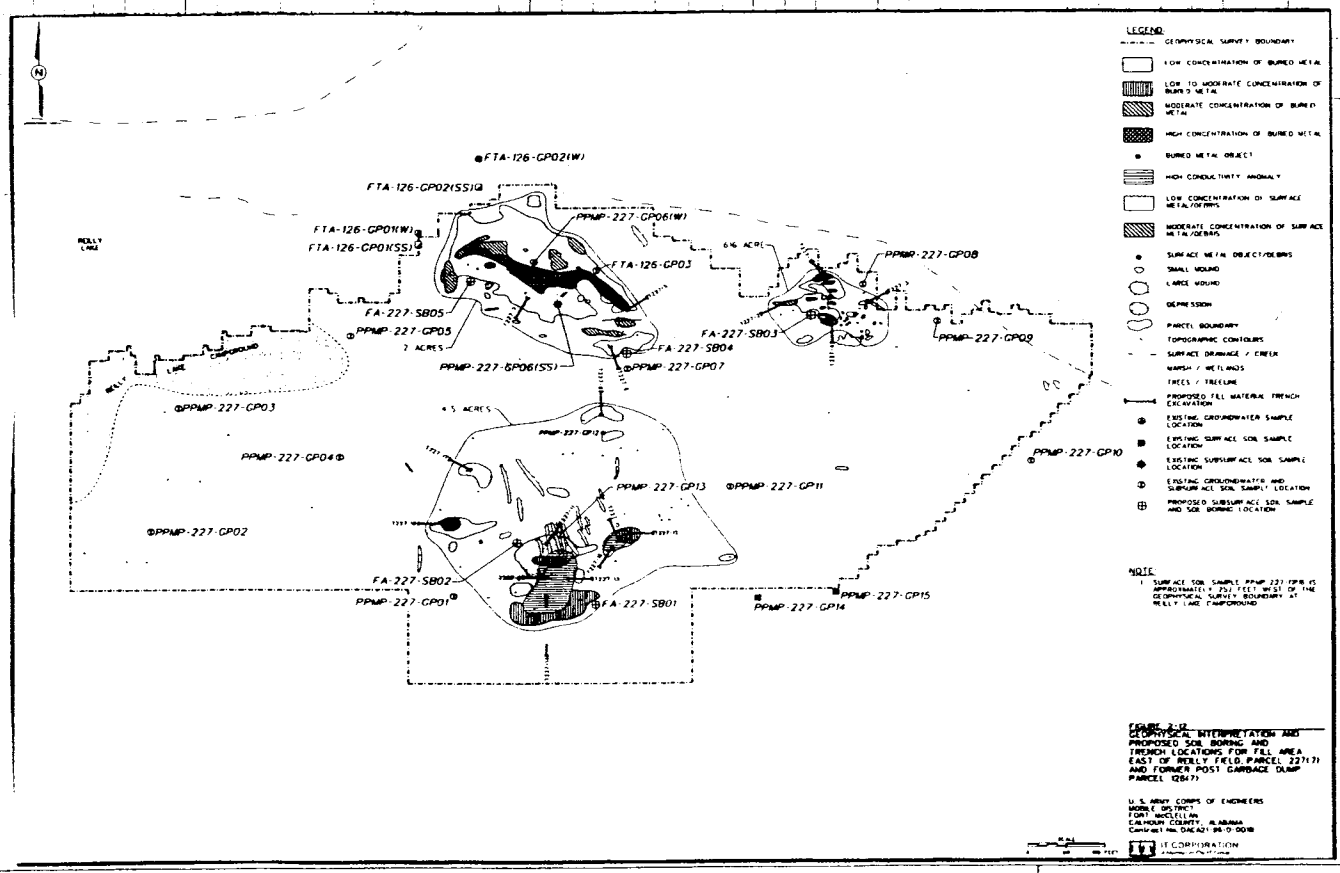


FIGURE 2-12
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA EAST OF REILLY FIELD, PARCEL 227(7) AND FORMER POST GARBAGE DUMP PARCEL 128(7)

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

IT CORPORATION

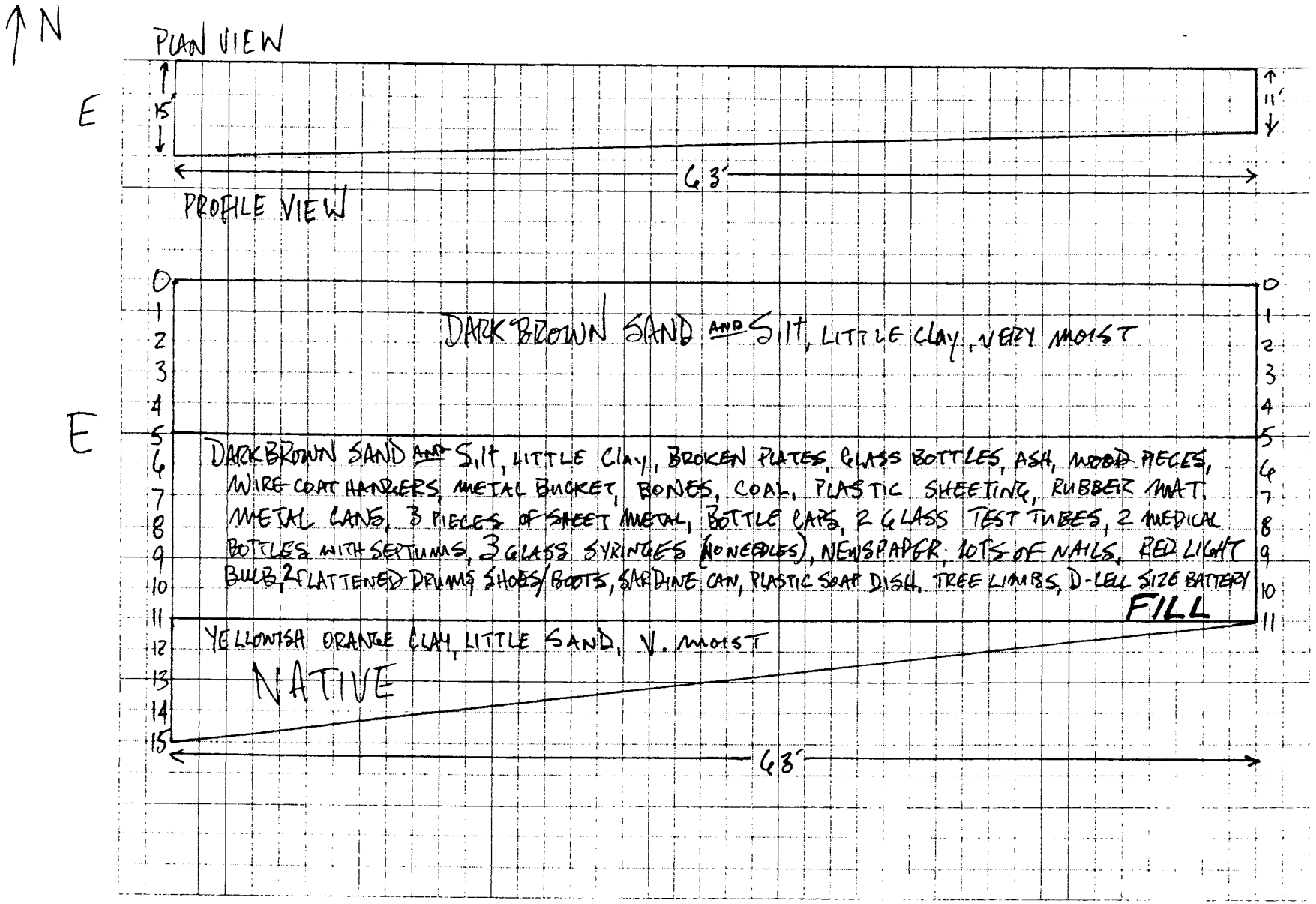
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T227-9

Test P
Classification
Log

Project: Fort McClellan, SAD TERC
Parcel# 227(7)
Date: 3/20/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

ıch Location: T227-9
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
63' X 3' X 15' max = 2835 CY
Length Width Depth Volume



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-9

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
	1–5	DARK BROWN SAND AND Silt, LITTLE Clay	S	0.0	V. MOIST
	5–11	DARK BROWN SAND AND Silt, LITTLE Clay FILL	S	0.0	MOIST FILL
	11–15	YELLOWISH ORANGE CLAY, LITTLE Sand	CL	0.0	V. MOIST NATIVE

Project Fort McClellan SAD TERC

Trench Number T227-9

TRENCH LOG

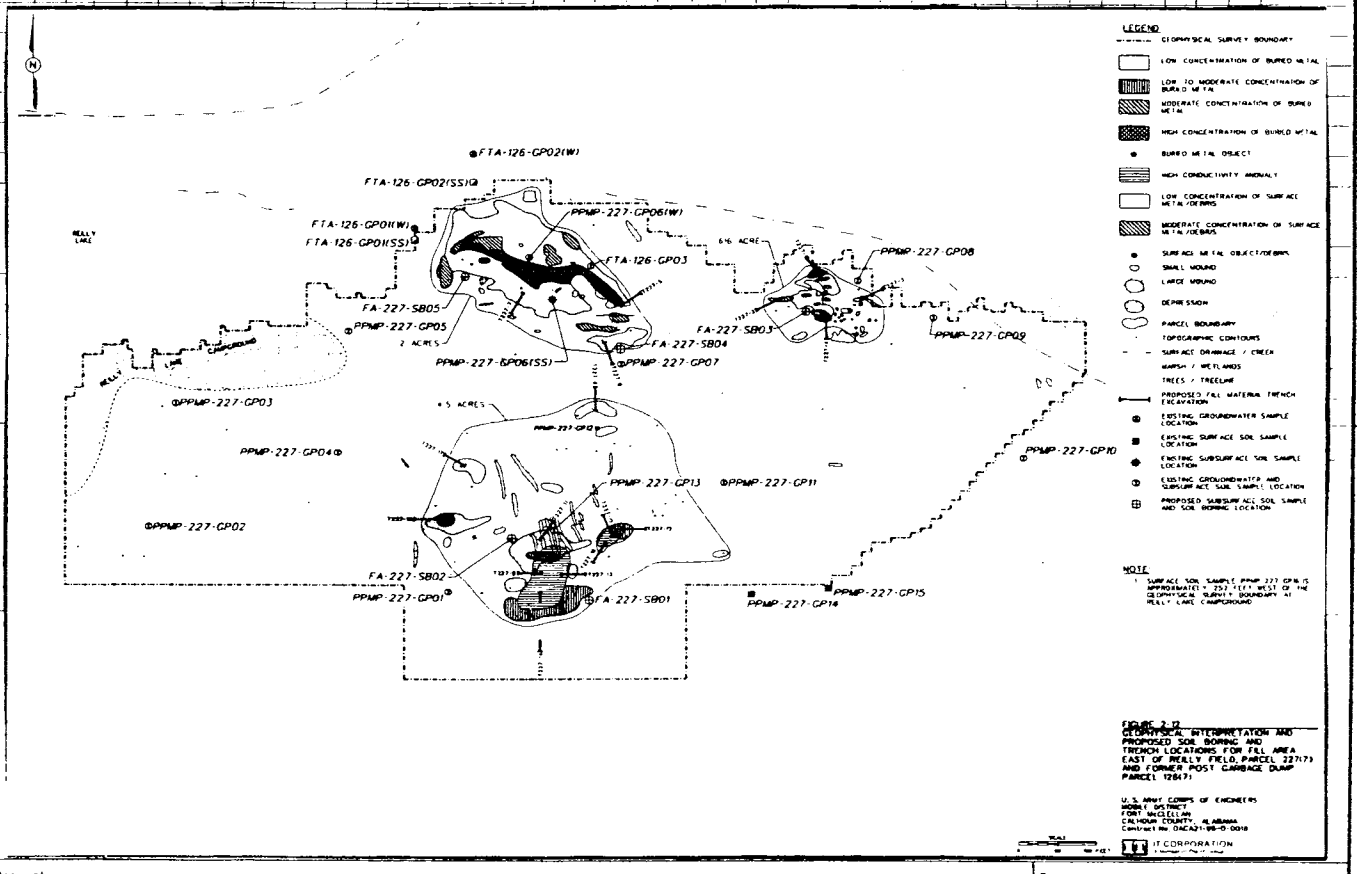
	District: Mobile USACE	Trench Number: T227-10
Company Name: IT Corporation		Sheet: 1 of 3 Sheets

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: EAST REILLY FIELD, PARCEL 227(7)
	Surface Elevation: TBD
Date Started: 3/22/00	Date Completed: 3/22/00
Overburden Thickness: 12'	Total Depth of Trench: 12'
Depth Rock Encountered: NA	Total Length of Trench: 81'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Taylor 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 EXCAVATIONS PERFORMED IN LEVEL C PPE.



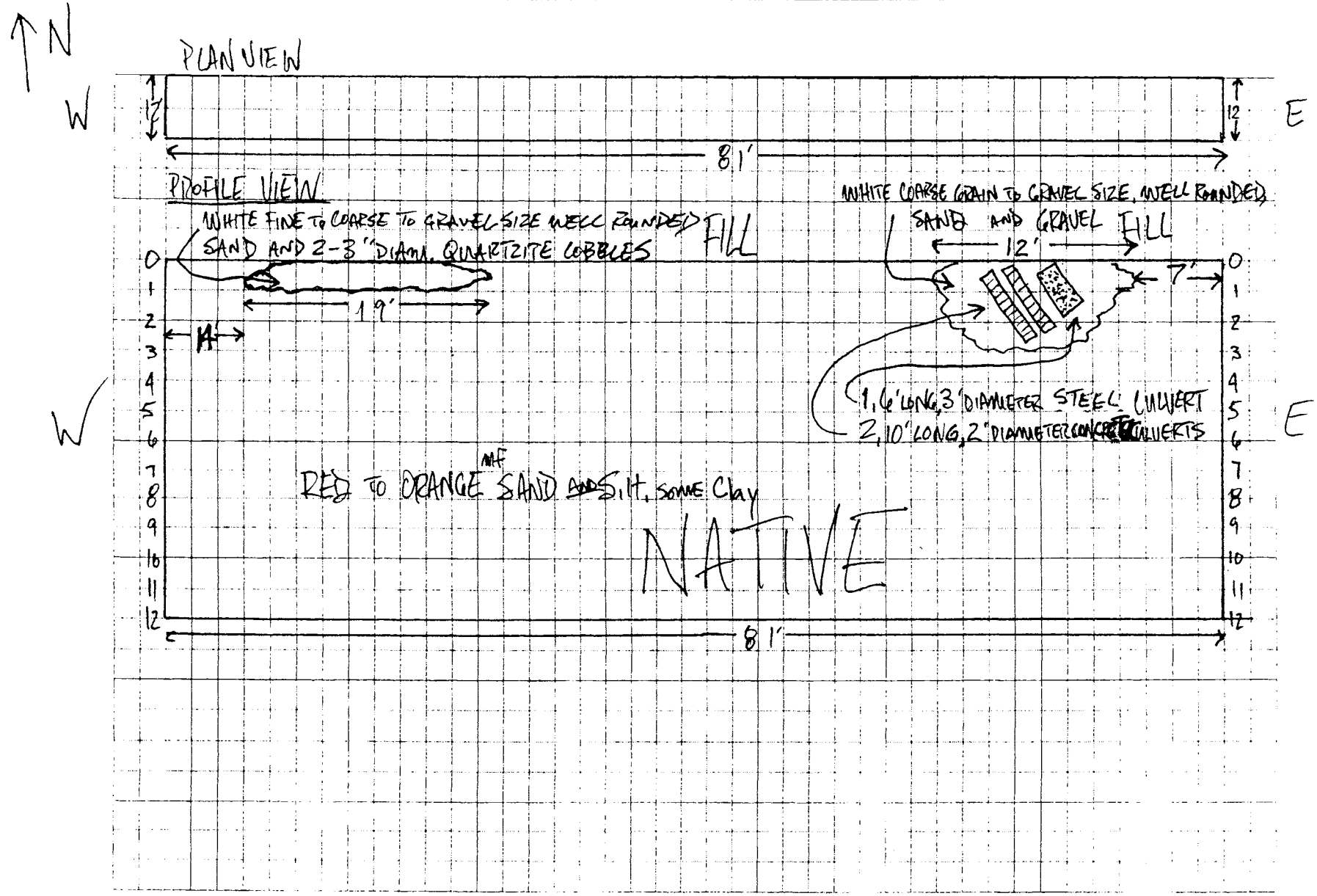
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T227-10

Test P.. Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 227(7)
Date: 3/22/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

ıch Location: T227-10
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
81' X 3' X 12' = 2916
Length Width Depth Volume FT3



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-10

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
	1–3	WHITE COARSE GRAIN TO GRAVEL SIZE, WELL ROUNDED, SAND AND GRAVEL FILL	S	0.0	SLIGHTLY MOIST
	4–12	RED TO ORANGE SAND AND SILT, LITTLE CLAY NATIVE	S	0.0	MOIST

Project: Fort McClellan, SAD TERC

Trench Number: T227-10

TRENCH LOG	District: Mobile USACE	Trench Number: T227-11
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: EAST REILLY FIELD, PARCEL 227(7)
	Surface Elevation: TBD
	Date Started: 3/20/00 — Date Completed: 3/20/00
Overburden Thickness: 13'	Total Depth of Trench: 13'
Depth Rock Encountered: NA	Total Length of Trench: 50'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Dawn Hill

Location Sketch/Comments — Scale: ~~FSH~~ AS SHOWN

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

TRENCH EXCAVATIONS PERFORMED IN LEVEL C PPE

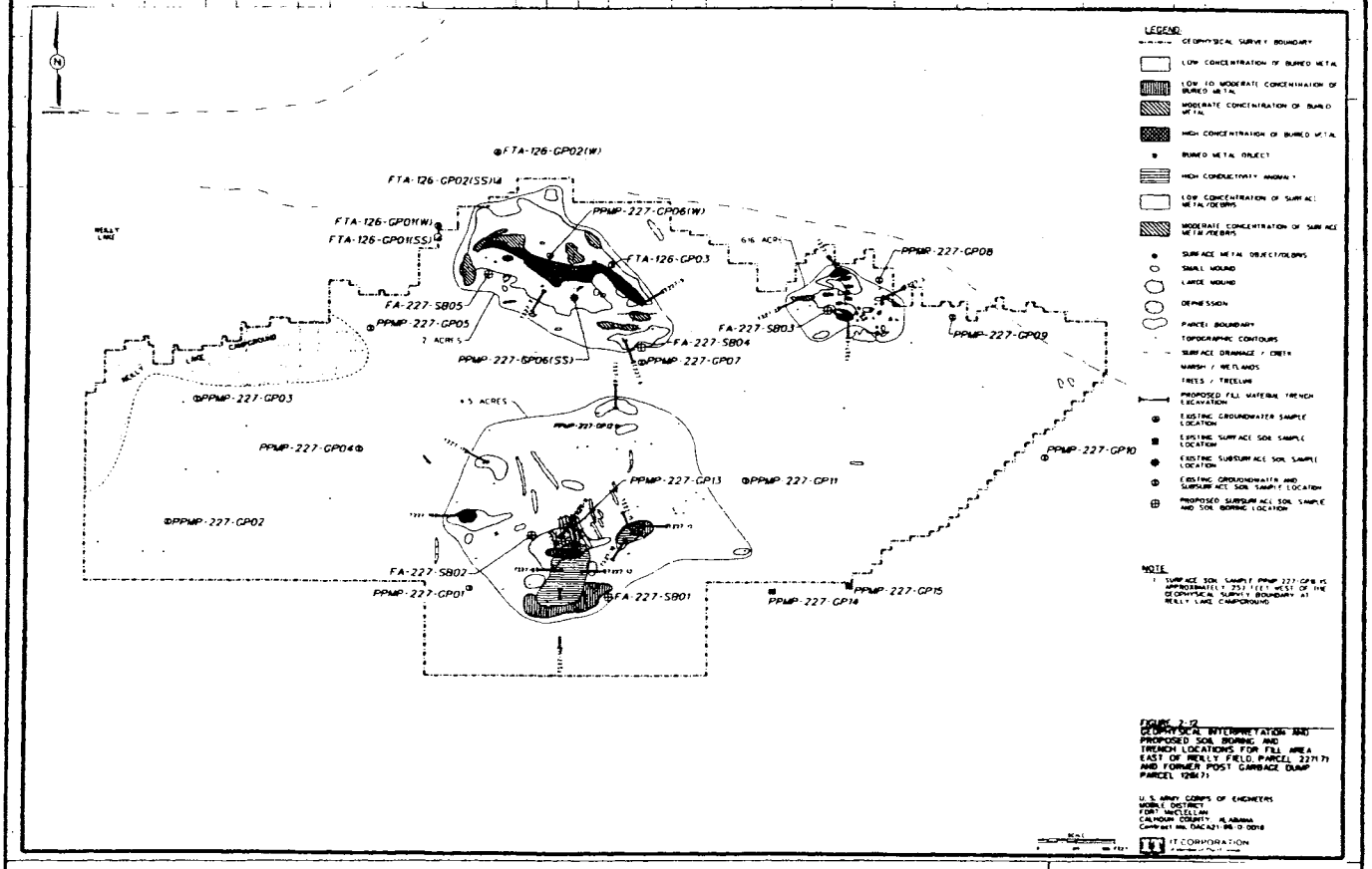


FIGURE 1-2
GEOPHYSICAL INTERPRETATION AND PROPOSED SOIL BORING AND TRENCH LOCATIONS FOR FILL AREA EAST OF REILY FIELD PARCEL 227(7) AND FORMER POST GARBAGE DUMP PARCEL 128(7)

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T227-11

Test Pi Classification Log

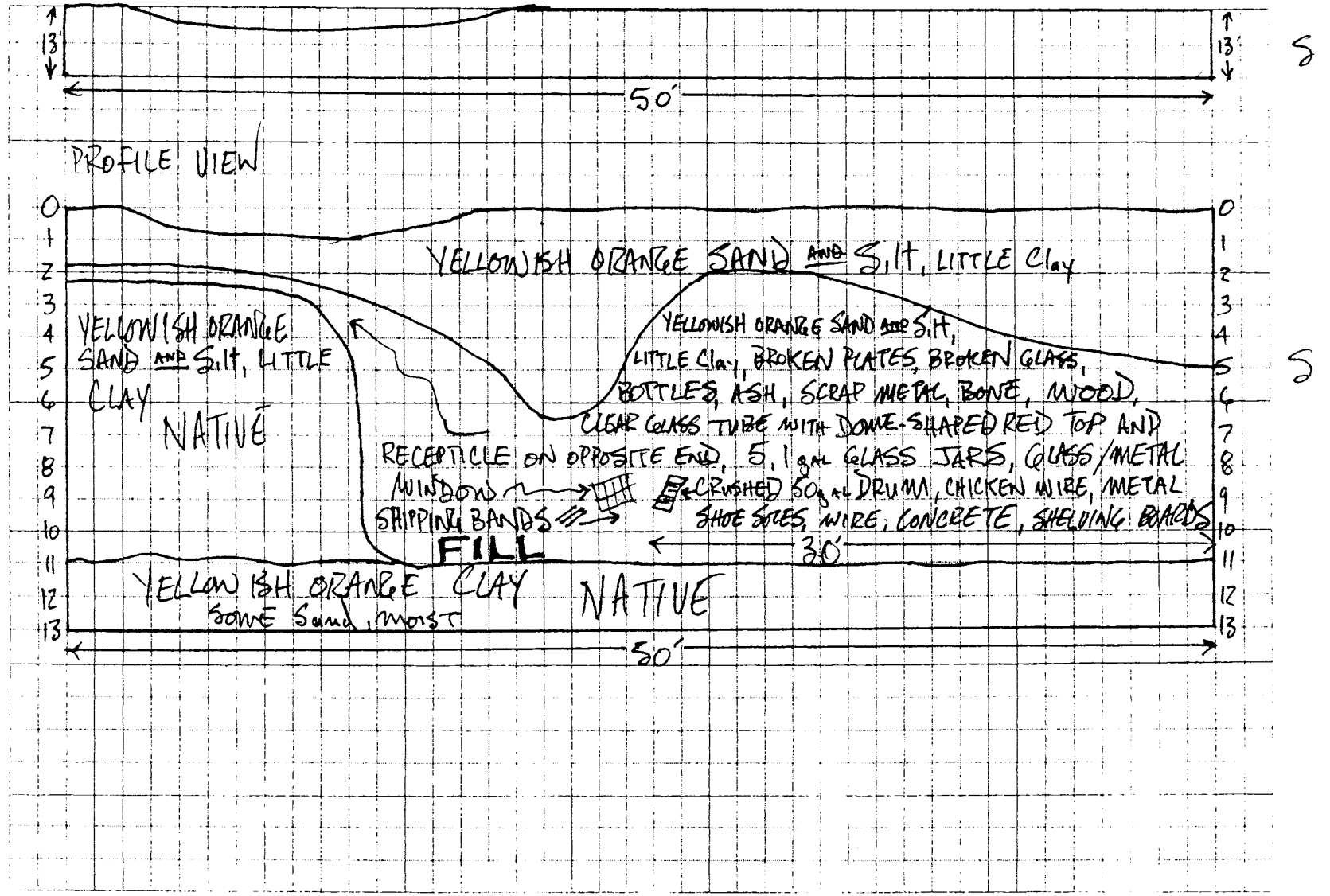
Project: Fort McClellan, SAD TERC
Parcel# 227(7)
Date: 3/20/00
* Provide Sketch of Sidewall
Geologist: DERTON HILL

Trench Location: T227-11
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
50' X 3' X 13' = 1950
Length Width Depth Volume PT3

N ←

PLAN VIEW



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-11

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	YELLOWISH ORANGE SAND AND SILT, LITTLE CLAY	S	0.0	MOIST
	2				
	3	YELLOWISH ORANGE SAND AND SILT, LITTLE CLAY, FILL	S	0.0	V. MOIST
	4				
	5				
	6				
	7				
	8				
	9				
	16				
	11				
	12	YELLOWISH ORANGE CLAY, SOME SAND NATIVE	CL	0.0	V. MOIST TO SATURATED NATIVE
	13				

TRENCH LOG

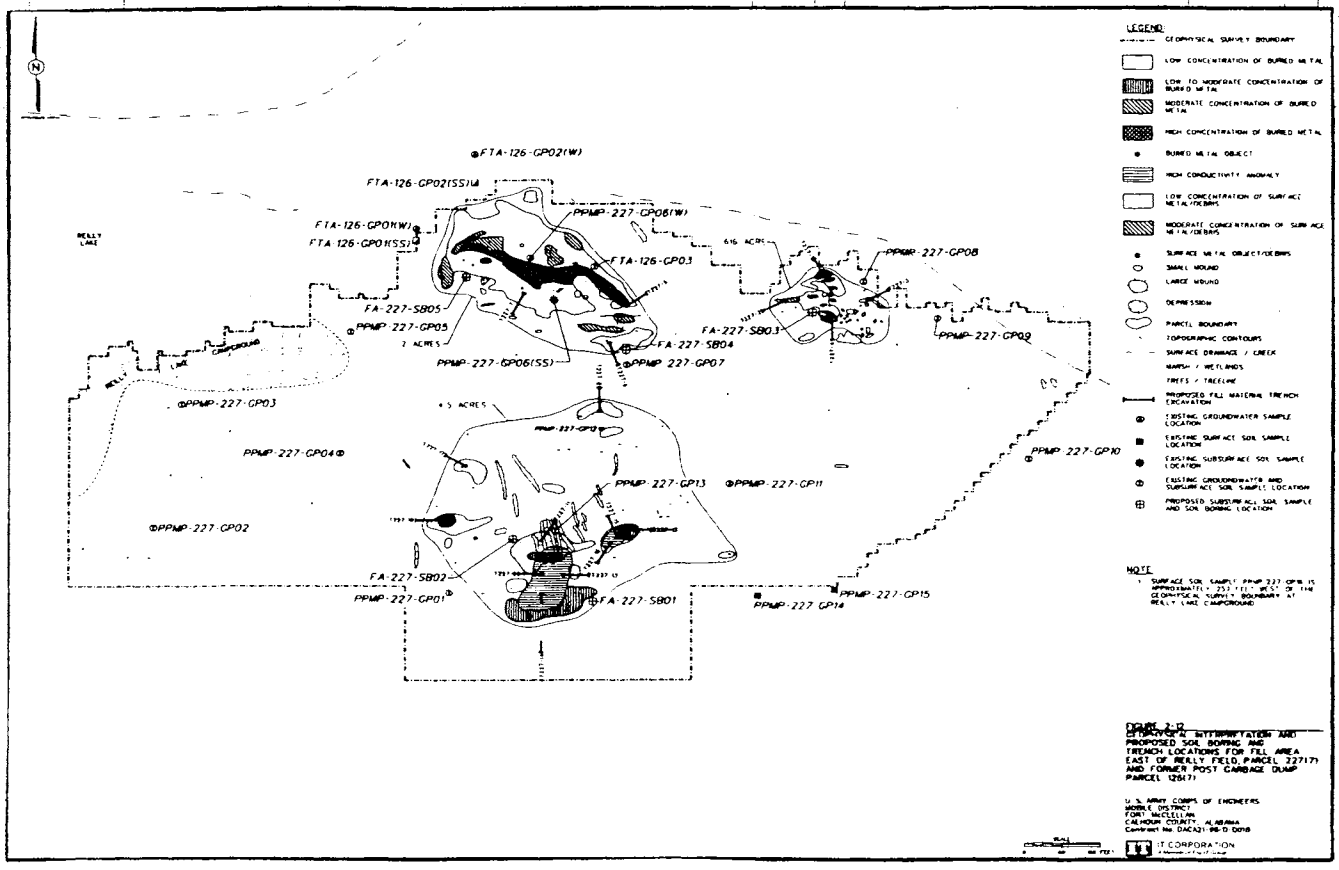
Company Name: IT Corporation	District: Mobile USACE	Trench Number: T227-12
		Sheet: 1 of 3 Sheets

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: EAST REILLY FIELD, PARCEL 227(7)
	Surface Elevation: TBD
	Date Started: 3/15/00 — Date Completed: 3/15/00
Overburden Thickness: 12'	Total Depth of Trench: 12'
Depth Rock Encountered: NA	Total Length of Trench: 68'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Dan Hill

Location Sketch/Comments — Scale: AS SHOWN

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

TRENCH EXCAVATIONS PERFORMED IN LEVEL C PPE.



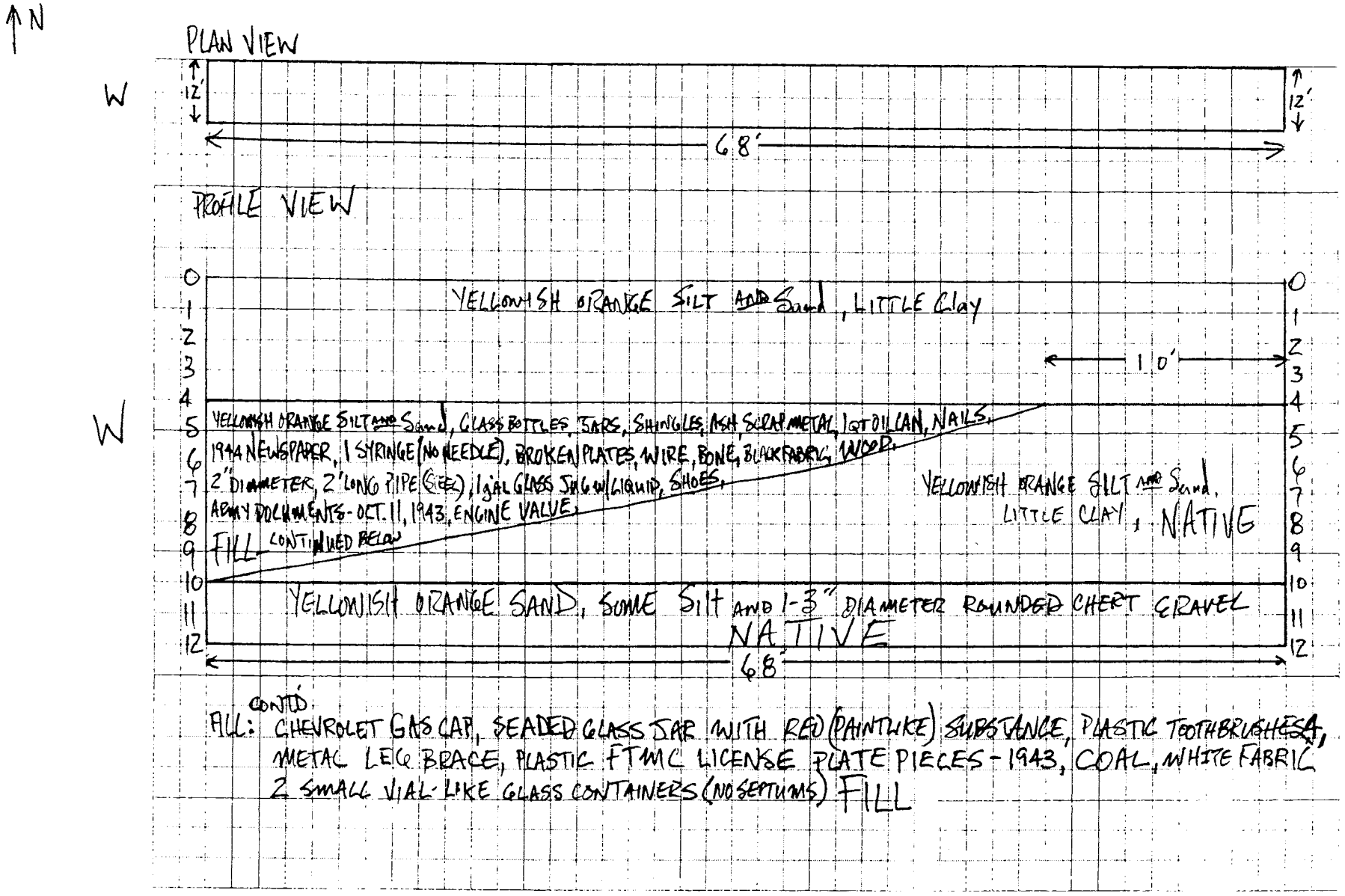
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T227-12

Test P Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 227(7)
Date: 3/15/00
* Provide Sketch of Sidewall
Geologist: DENTON/HALL

Trench Location: T227-12
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
68 X 3 X 12 = 2448
Length Width Depth Volume FT3



FILL: CONT'D
CHEVROLET GAS CAP, SEALED GLASS JAR WITH RED (PAINTLIKE) SUBSTANCE, PLASTIC TOOTHBRUSHES, METAL LEG BRACE, PLASTIC FTMC LICENSE PLATE PIECES - 1943, COAL, WHITE FABRIC, 2 SMALL VIAL-LIKE GLASS CONTAINERS (NO SEPTUMS) FILL

TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-12

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
	1–4	YELLOWISH ORANGE SILT AND SAND, LITTLE CLAY	S	0.0	MOIST
	5–9	YELLOWISH ORANGE SILT AND SAND, LITTLE CLAY FILL		0.0	V. MOIST
	10–12	YELLOWISH ORANGE SAND, SOME SILT AND 1-3" DIAMETER ROUNDED CHERT GRAVEL NATIVE	S	0.0	MOIST

Project Fort McClellan, SAD TERC

Trench Number T227-12

TRENCH LOG

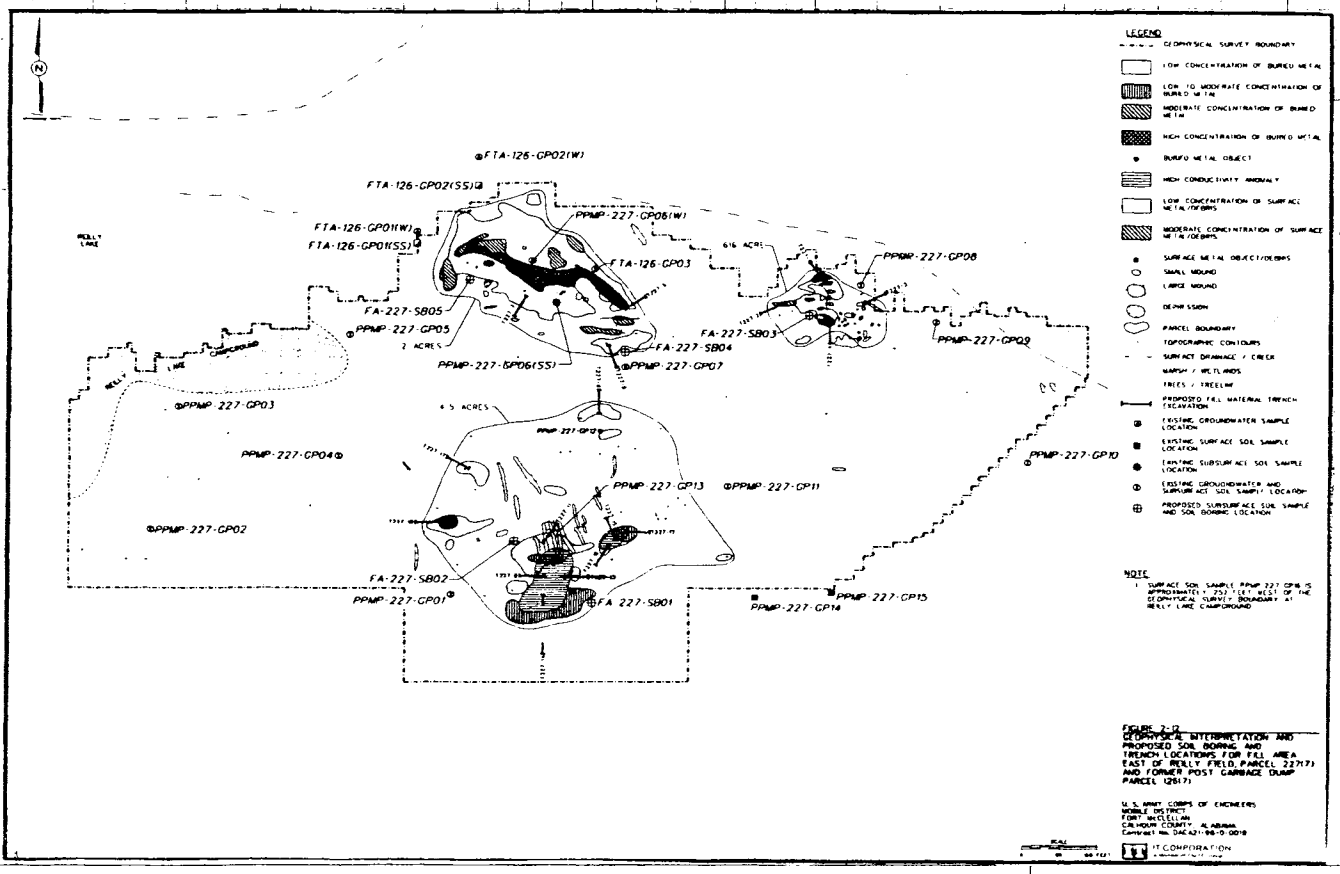
Company Name: IT Corporation	District: Mobile USACE	Trench Number: T227-13
		Sheet: 1 of 3 Sheets

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: EASTERLY FIELD, PARCEL 227(7)
	Surface Elevation: TBD
Date Started: 3/17/00	Date Completed: 3/17/00
Overburden Thickness: 13'	Total Depth of Trench: 13'
Depth Rock Encountered: NA	Total Length of Trench: 55'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Dayton Hill

Location Sketch/Comments — Scale: AS SHOWN

DETECTIONS EXCEEDING BACKGROUND LIMITS WERE NOT ENCOUNTERED DURING TRENCHING OPERATIONS USING THE PHOTOIONIZATION DETECTOR AND LOWER EXPLOSIVITY LIMIT DETECTOR. UNSUSTAINED HIT DETECTIONS OF 36.2 ppm AND 11.8 ppm WERE ENCOUNTERED WITH THE FLAME IONIZATION DETECTOR.

TRENCH EXCAVATIONS PERFORMED IN LEVEL C PPE.



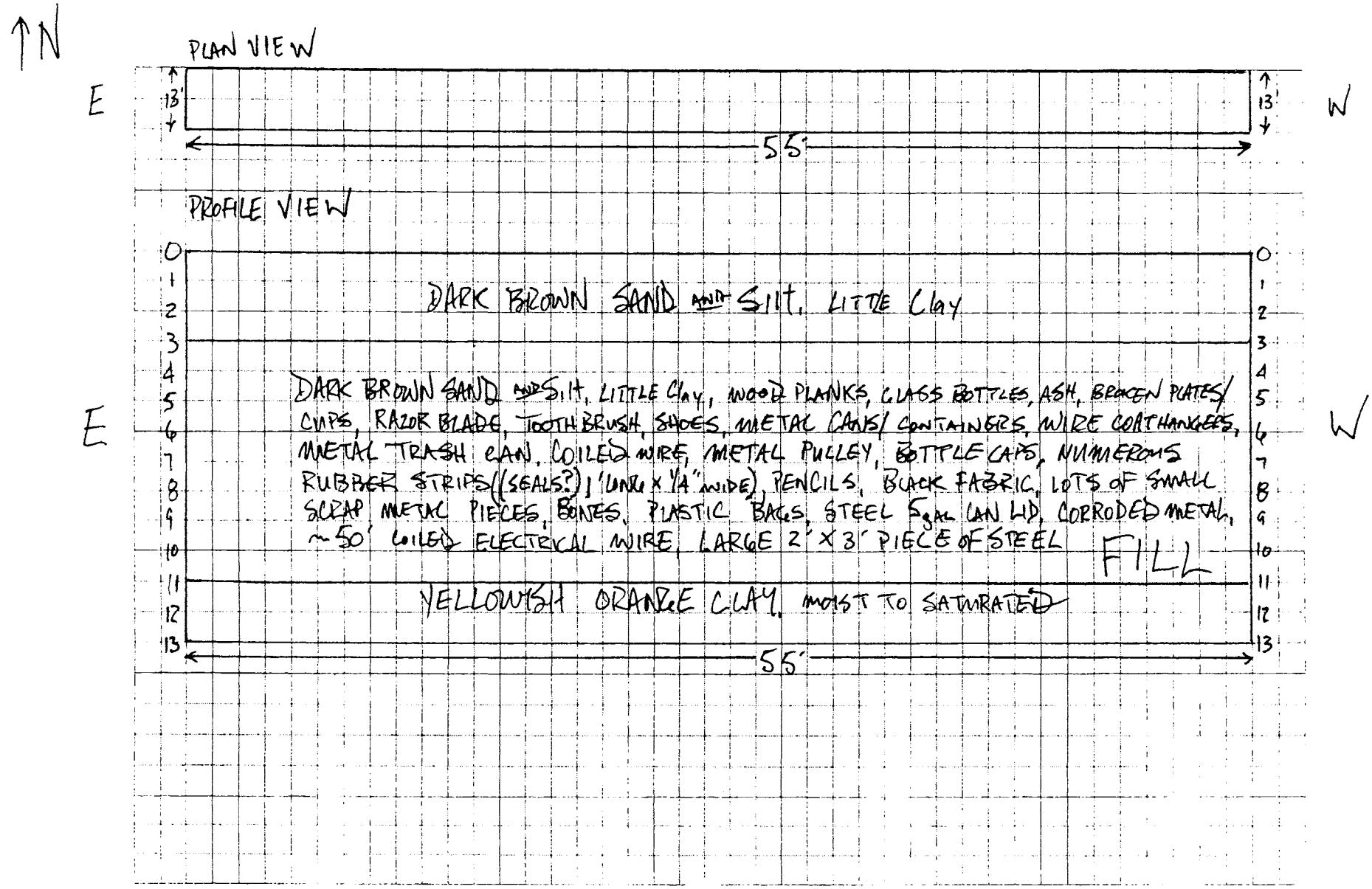
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T227-13

Test Pit Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 227(7)
Date: 3/17/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

Trench Location: T227-13
Equipment used: CAT 320 TRACKHOE

Excavation size:
55' X 3' X 13' = 2145
Length Width Depth Volume FT3



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-13

Project: Fort McClellan, SAD TERC

Geologist:

Sheet 3 of 3 Sheet(s)

Elev (ft)	Depth (ft) bgs	Description of Materials	USCS/ Litho	Field Screening Results (ppm)	COMMENTS
	1–3	DARK BROWN SAND AND Silt, LITTLE Clay	S	0.0	
	4–7	DARK BROWN SAND AND Silt, LITTLE Clay	S	FID 36.2 FID 11.8	MOIST TO WET FILL
	11–13	YELLOWISH ORANGE CLAY	CL	0.0	MOIST TO SATURATED NATIVE

Project Fort McClellan SAD TERC

Trench Number T227-13

TRENCH LOG

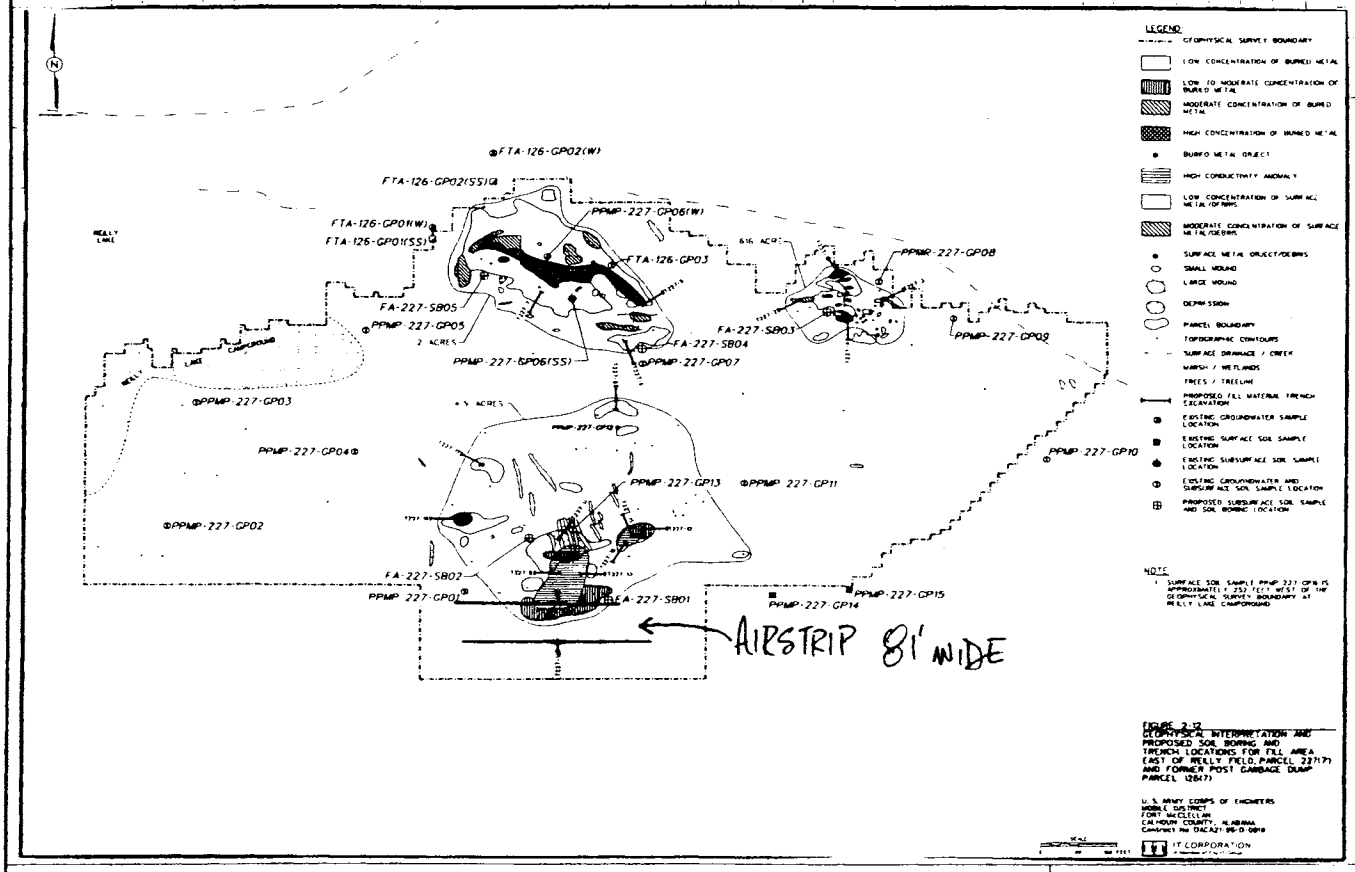
Company Name: IT Corporation	District: Mobile USACE	Trench Number: T227-14
		Sheet: 1 of 4 Sheets

Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: DAVID MYRA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: PID, LEL, FID	Trench Location: EAST REILLY FIELD, PARCEL 227(7)
	Surface Elevation: TBD
Date Started: 3/20/00	Date Completed: 3/20/00
Overburden Thickness: 10'	Total Depth of Trench: 10'
Depth Rock Encountered: NA	Total Length of Trench: 53'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Dalton 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 EXCAVATIONS PERFORMED IN LEVEL C PPE.
FILL EXTENDS FROM 5' BGS TO AT LEAST 11' BGS ADJACENT TO AND POSSIBLY UNDER AIRPLANE RUNWAY.



Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T227-14

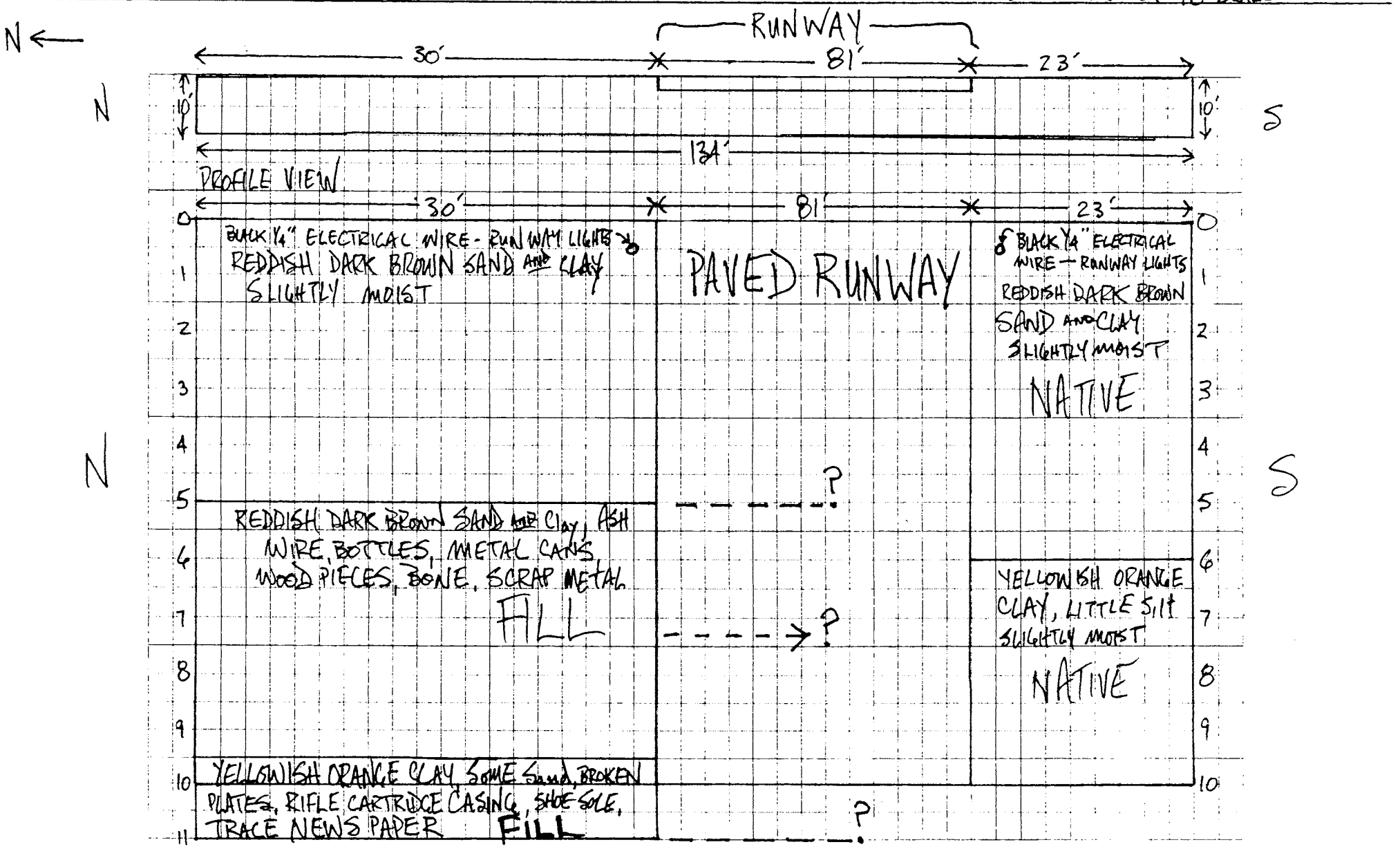
Test Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 227(7)
Date: 3/20/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

Trench Location: T227-14
Equipment used: CAT 320 TRACKHOE

Page 2 of 4 Pages
Excavation size:
53' ~~134'~~ X 3' X 10' = 1590
Length Width Depth Volume FT3

DIMENSIONS NOT TO SCALE



FILL EXTENDS FROM 5' BGS TO AT LEAST 11' B.G.S. ADJACENT TO AND POSSIBLY UNDER AIRPLANE RUNWAY.

NORTH OF RUN 1A

TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-14

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
	1–5	REDDISH DARK BROWN SAND AND Clay,		0.0	SLIGHTLY MOIST
	5–9	REDDISH DARK BROWN SAND AND Clay FILL		0.0	MOIST
	9–11	YELLOWISH ORANGE CLAY, SOME Sand, FILL			MODERATELY MOIST

Project Fort McClellan, SAD TERC

Trench Number: T227-14

SOUTH OF RUNWAY

TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-14

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
	1–6	REDDISH DARK BROWN SAND AND Clay		0.0	SLIGHTLY MOIST
	7–10	YELLOWISH ORANGE CLAY, LITTLE SILT	CL	0.0	SLIGHTLY MOIST

Project Fort McClellan SAD TERC

Trench Number T227-14

TRENCH LOG

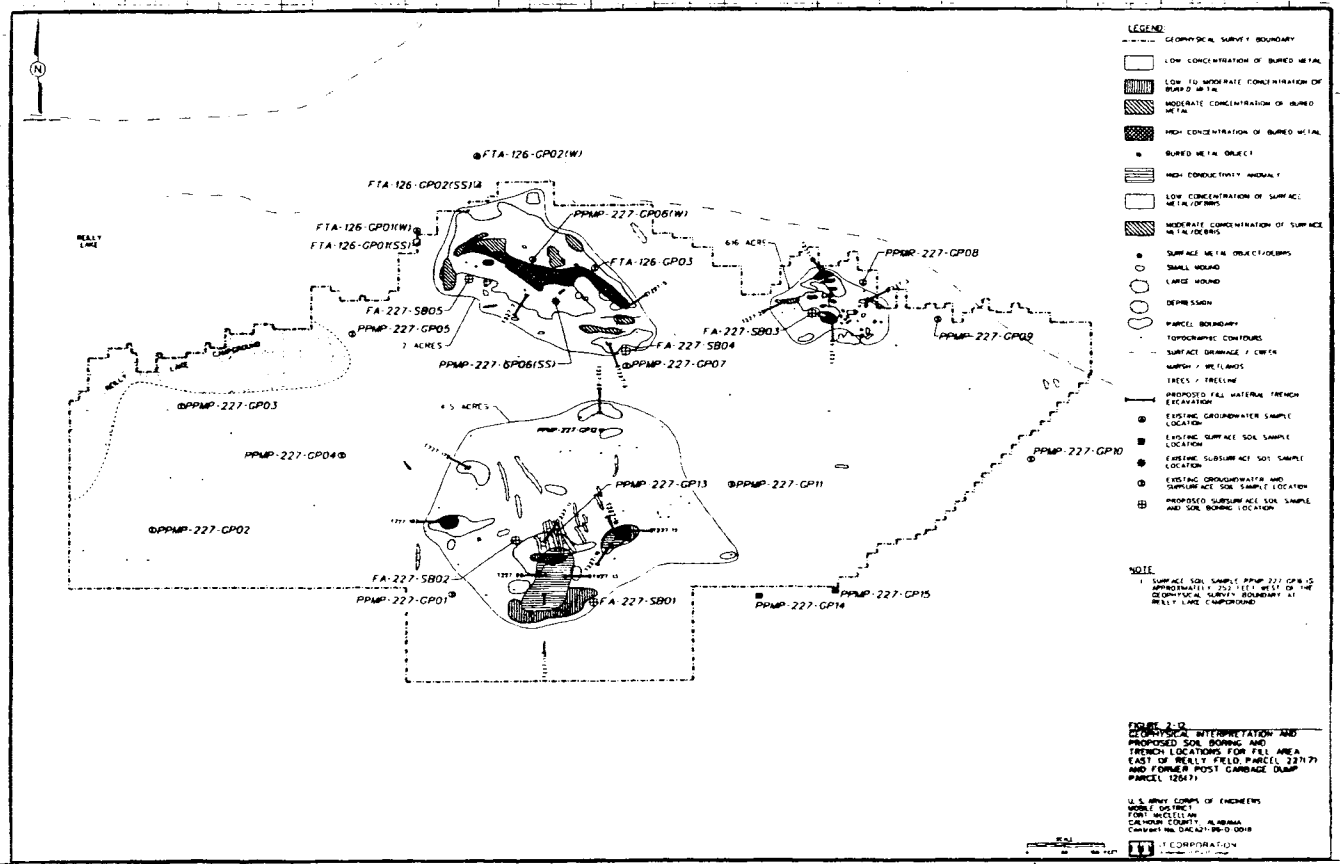
Company Name: IT Corporation	District: Mobile USACE	Trench Number: T227-15
		Sheet: 1 of 3 Sheets

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: EAST REILLY FIELD, PARCEL 227(7)
	Surface Elevation: TBD
Date Started: 3/16/00	Date Completed: 3/16/00
Overburden Thickness: 12'	Total Depth of Trench: 12'
Depth Rock Encountered: NA	Total Length of Trench: 50'
Disposition of Trench: Backfilled ✓	Signature of Geologist: David 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 EXCAVATIONS PERFORMED IN LEVEL C PPE.



Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T227-15

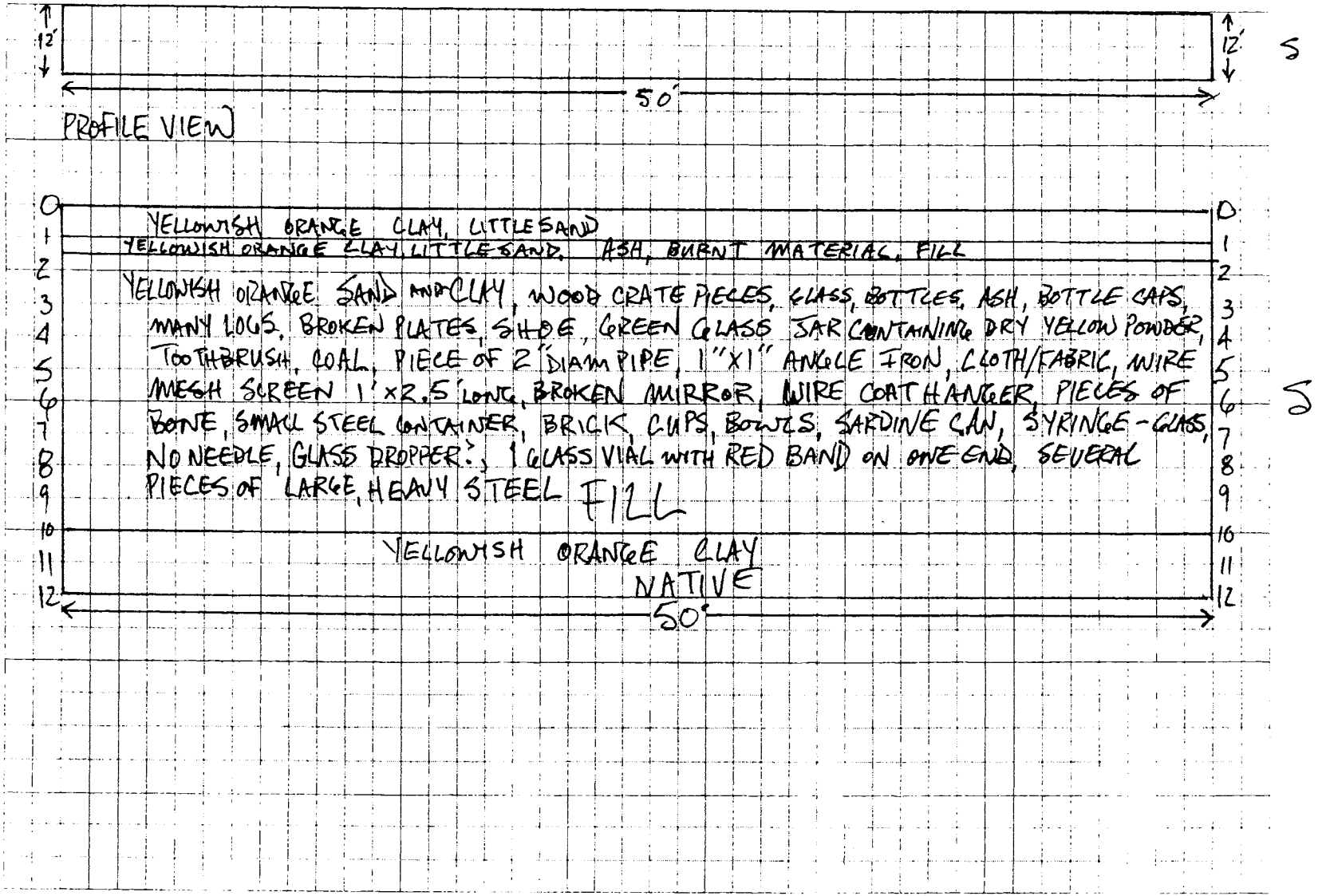
Test P. Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 227(7)
Date: 3/16/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

ch Location: T227-15
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
50' X 3' X 12' = 1800
Length Width Depth Volume PT3

N ← PLAN VIEW



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-15

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, LITTLE Sand	CL	0.0	MOIST
		YELLOWISH ORANGE CLAY, LITTLE Sand FILL	CL	0.0	
	2 3 4 5 6 7 8 9 10	YELLOWISH ORANGE SAND AND CLAY FILL	S	0.0	MOIST
	11	YELLOWISH ORANGE CLAY, NATIVE	CL	0.0	NATIVE
	12				

Project Fort McClellan, SAD TERC

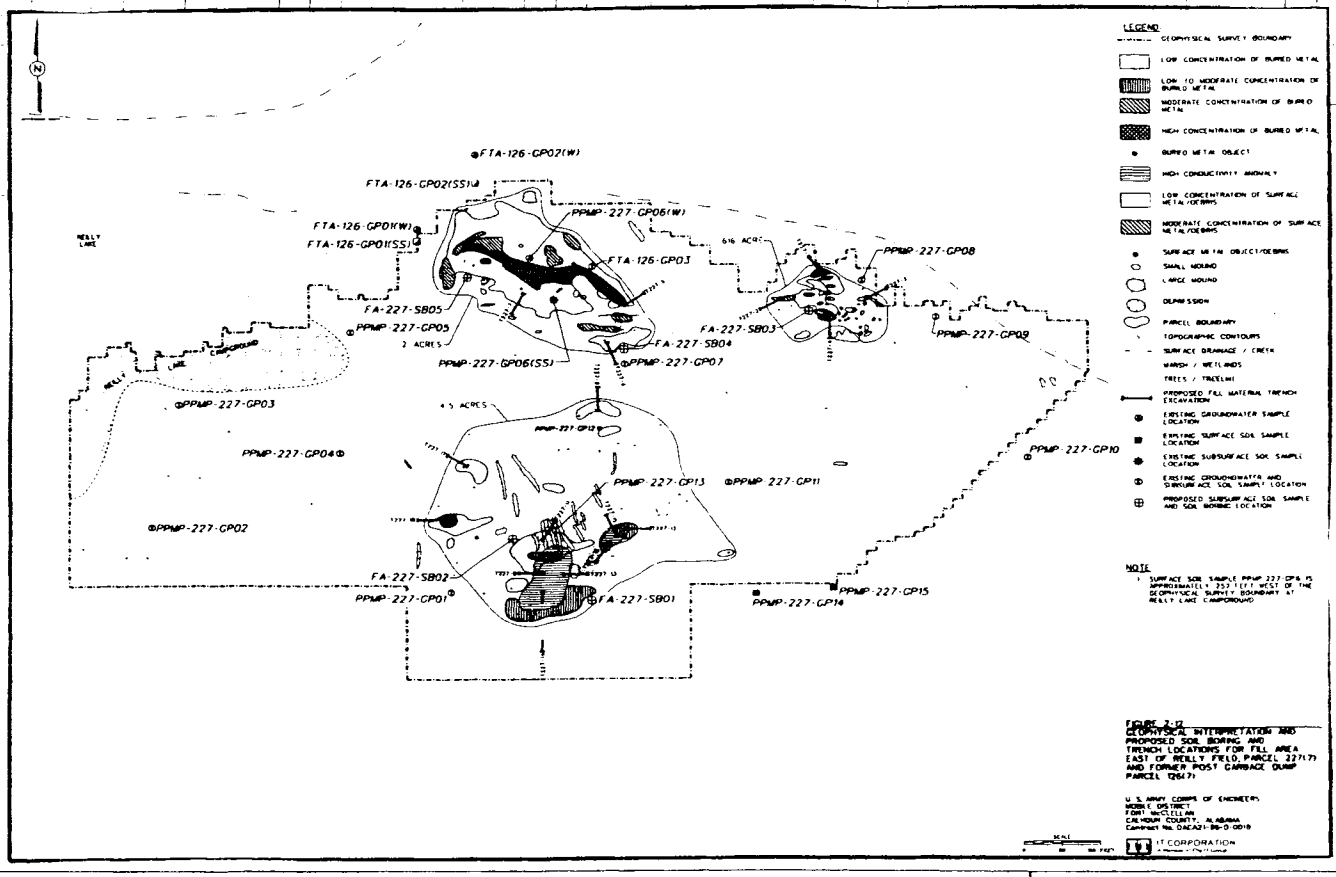
Trench Number: T227-15

TRENCH LOG

District: Mobile USACE		Trench Number: T227-16
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: EAST REILLY FIELD, PARCEL 227(7)	
	Surface Elevation: TOP	
	Date Started: 3/16/00	Date Completed: 3/16/00
Overburden Thickness: 12'	Total Depth of Trench: 12	
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 EXCAVATIONS PERFORMED IN LEVEL C PPE.



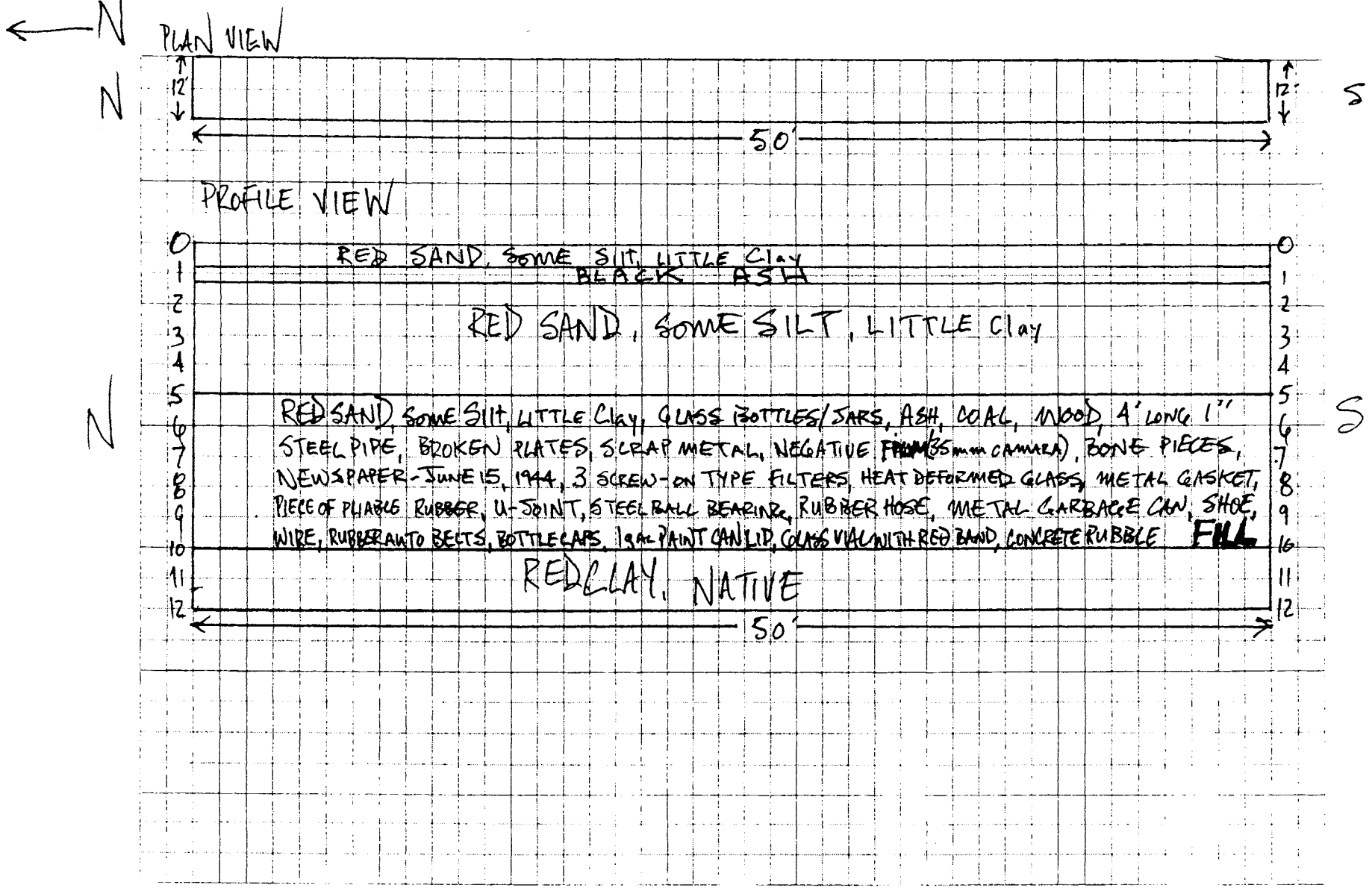
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T227-16

Test P. Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 227(7)
Date: 3/16/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

ch Location: T227-16
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
50 X 3 X 12 = 1800
Length Width Depth Volume FT3



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-16

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 SAND, SOME SILT, LITTLE CLAY	S	0.0	
	1	BLACK ASH		0.0	FILL
	2	RED SAND, SOME SILT, LITTLE CLAY	S	0.0	MOD. MOIST
	3				
	4				
	5				
	6	RED SAND, SOME SILT, LITTLE CLAY	S	0.0	MOIST TO WET FILL
	7				
	8				
	9				
	10				
	11	RED CLAY	CL	0.0	VERY MOIST NATIVE
	12				

Project: Fort McClellan, SAD TERC

Trench Number: T227-16

TRENCH LOG

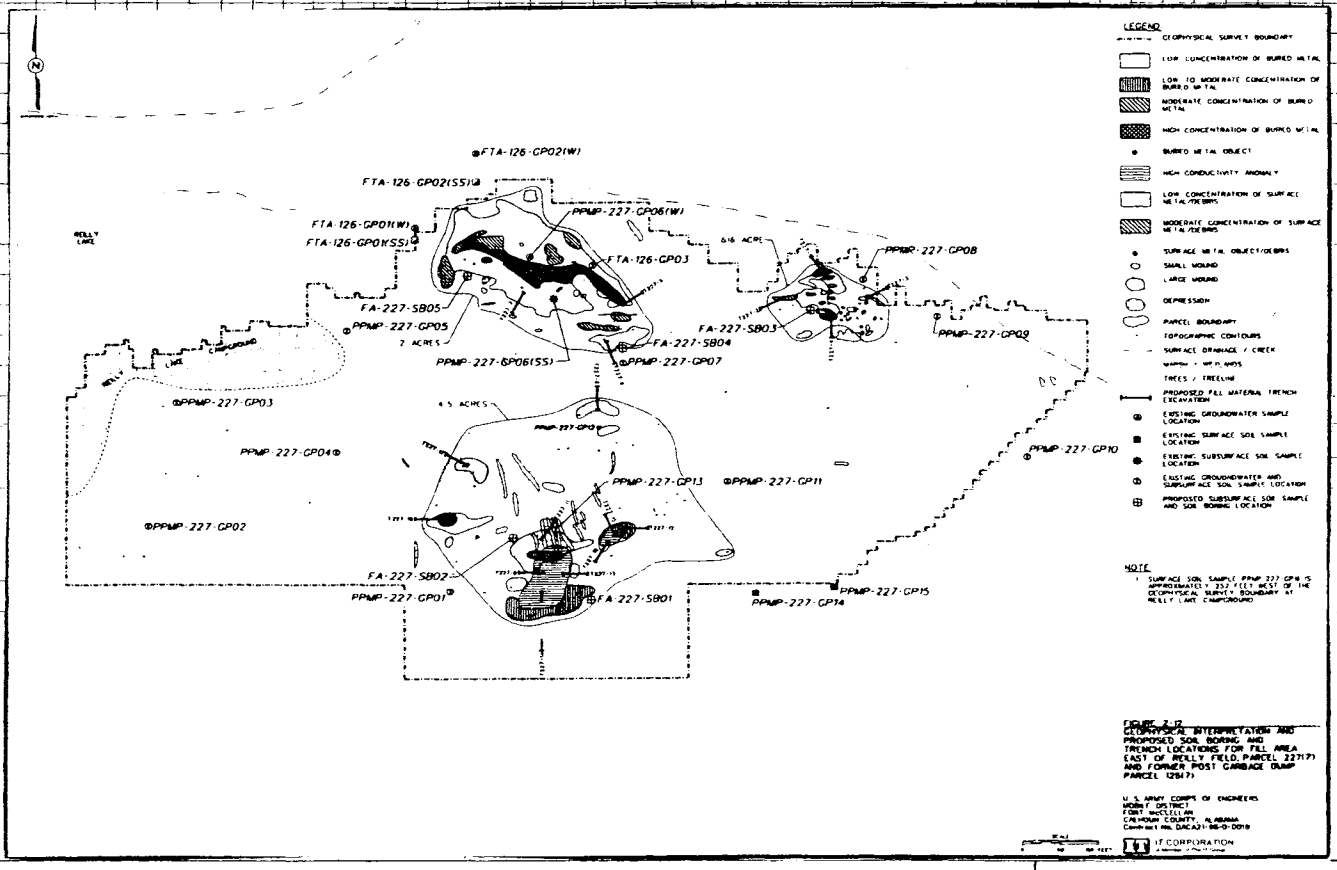
Company Name: IT Corporation	District: Mobile USACE	Trench Number: T227-17
		Sheet: 1 of 3 Sheets

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: EAST REILLY FIELD, PARCEL 227(7)
	Surface Elevation: TBD
	Date Started: 3/22/00 — Date Completed: 3/22/00
Overburden Thickness: 12'	Total Depth of Trench: 12'
Depth Rock Encountered: NA	Total Length of Trench: 50'
Disposition of Trench: Backfilled ✓	Signature of Geologist: Dan 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 EXCAVATIONS PERFORMED IN LEVEL C PPE.



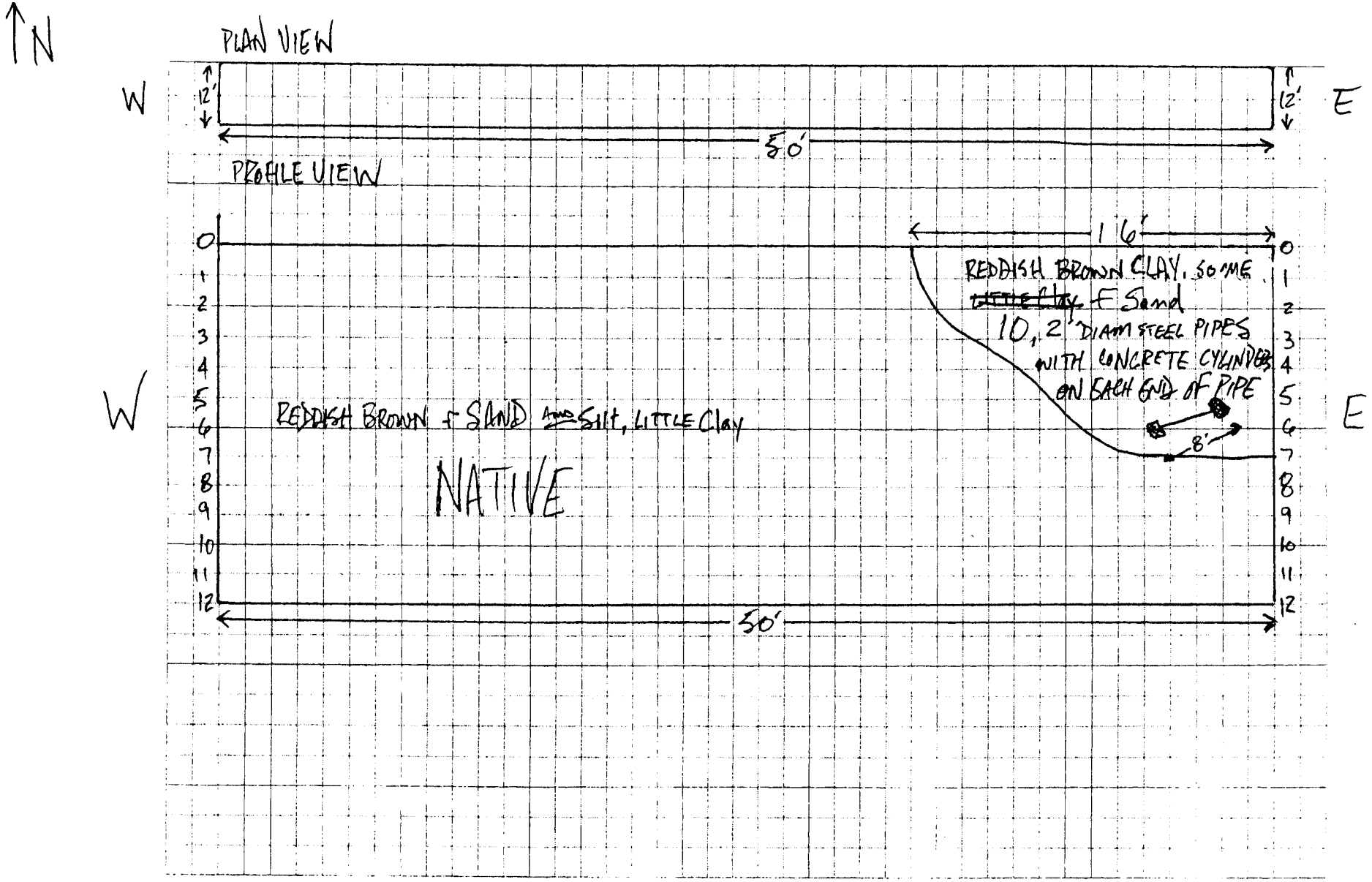
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T227-17

Test Pi Classification Log

Project: Fort McClellan, SAD TERC
Parcel# 227 (7)
Date: 3/22/00
* Provide Sketch of Sidewall
Geologist: DENTON HILL

ch Location: T227-17
Equipment used: CAT 320 TRACKHOE

Page 2 of 5 Pages
Excavation size:
50' X 3' X 12' = 1800 FT3
Length Width Depth Volume



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: T227-17

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
	1–7	REDDISH BROWN CLAY, SOME f Sand FILL	CL	0.0	MOIST
	7–12	REDDISH BROWN f SAND AND Silt, LITTLE Clay NATIVE	S	0.0	MOIST

Project Fort McClellan, SAD TERC

Trench Number: T227-17

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

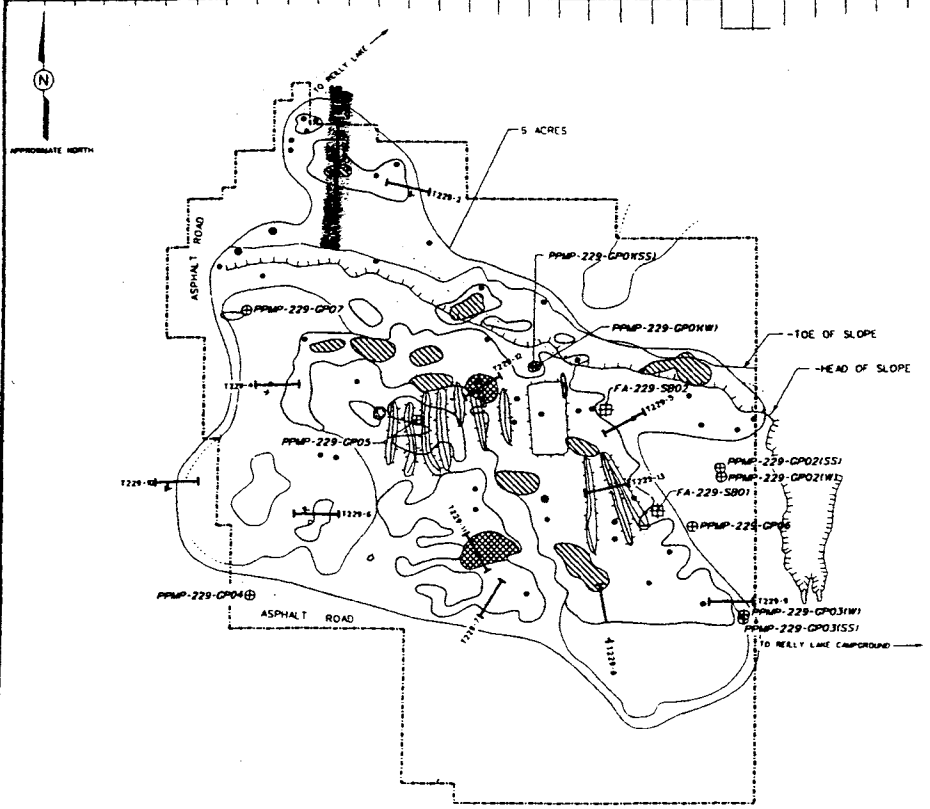
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Invest.	Location: Calhoun County, Anniston, Alabama
Name of Equipment Operator: DAVID AYALA	Manufacturer's Designation of Equipment: CAT 320 TRACKHOE
Sizes and Types of Equipment: LEL, PID, FID; CAT 320 TRACKHOE	Trench Location: NW REILLY FIELD, PARCEL 229(7)
	Surface Elevation: TBD
Date Started: 3/8/00	Date Completed: 3/8/00
Overburden Thickness: 6	Total Depth of Trench: 6'
Depth Rock Encountered: NA	Total Length of Trench: 114'
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.

TRENCHS T229 3 AND T229-1 WERE COMBINED DUE TO CLOSE PROXIMITY OF TRENCH ENDPOINTS FOR A TOTAL COMBINED LENGTH OF 114'.



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

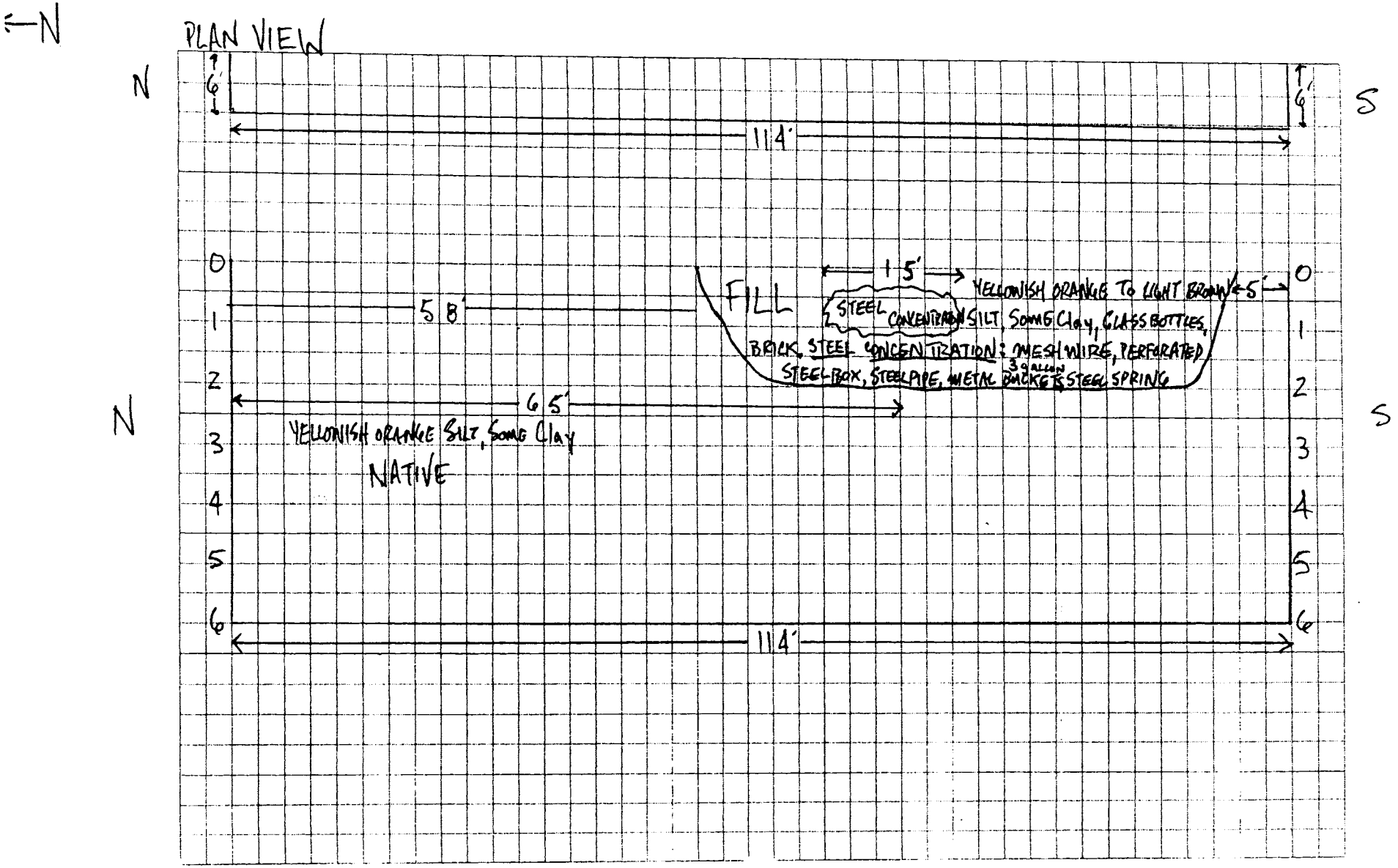
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T-229-1,3

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: T-229 1,3
Equipment used: CAT 320 TRACKHOE

Page 2 of 3 Pages
Excavation size:
114 X 3 X 6 = 2052 FT³
Length Width Depth Volume



TRENCH CLASSIFICATION LOG (continuation sheet)

Trench Number: TZ29-1,3

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, TO LIGHT BROWN SOME Clay, FILL	S	0.0	MOIST
	2				
	3	YELLOWISH ORANGE SILT, SOME Clay, NATIVE	S	0.0	MOIST
	4				
	5				
	6				

Project Fort McClellan, SAD TERC

Trench Number: TZ29-1,3

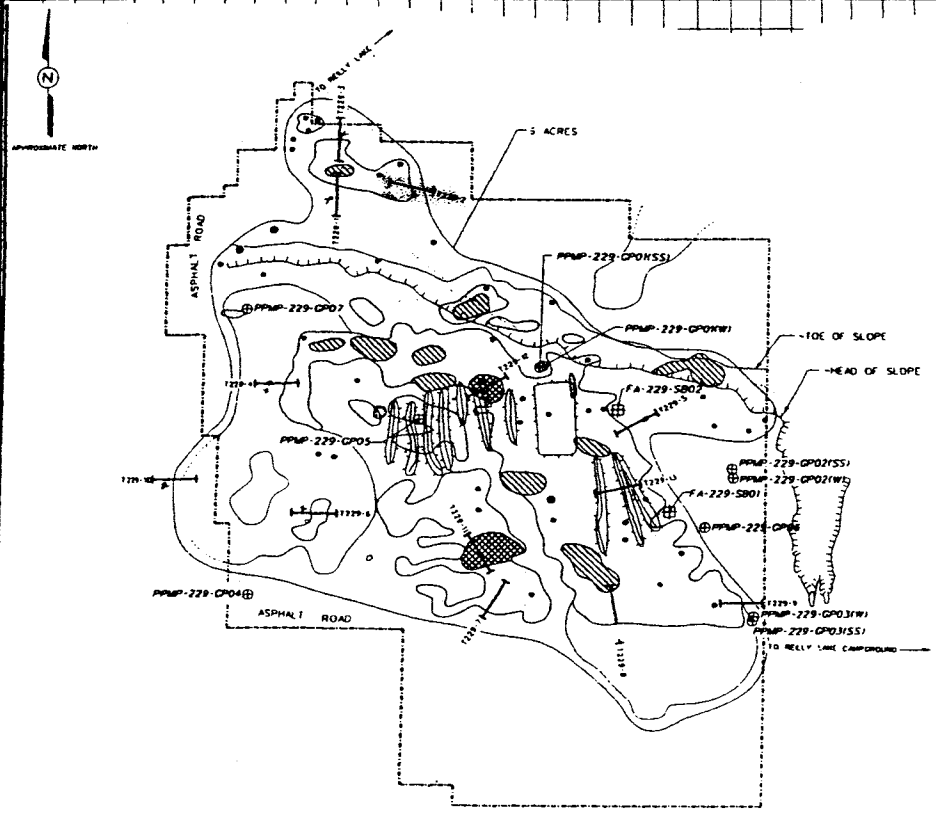
TRENCH LOG

District: Mobile USACE		Trench Number: T229-2
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 229(7)	
	Surface Elevation: TBD	
	Date Started: 3/8/00	Date Completed: 3/8/00
Overburden Thickness: 8'	Total Depth of Trench: 8'	
Depth Rock Encountered: NA	Total Length of Trench: 60'	
Disposition of Trench: Backfilled ✓	Signature of Geologist: Damon 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 EXCAVATIONS PERFORMED 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

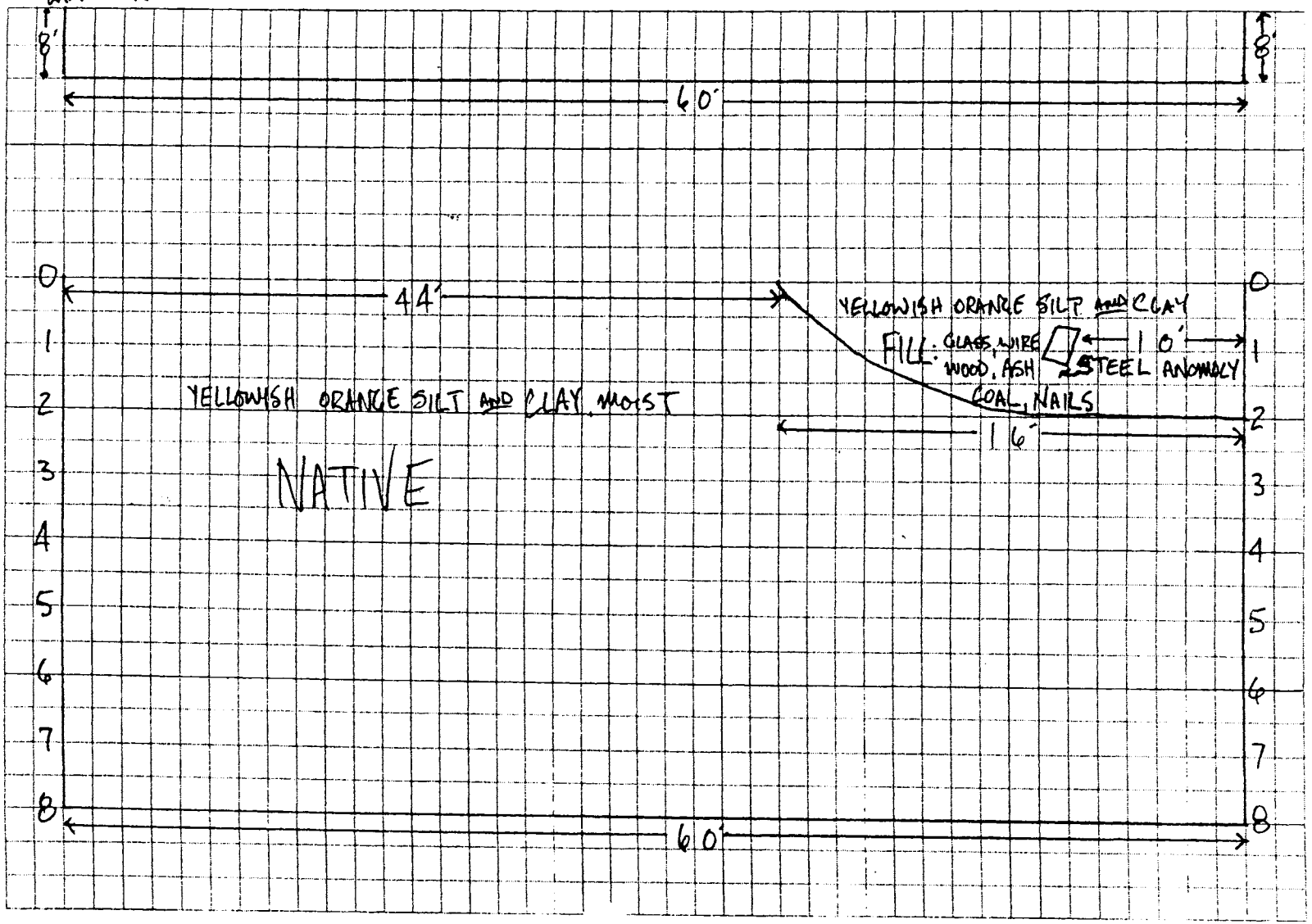
Project: Fort McClellan, SAD TERC, Landfill/Fill Area Investigation	Trench Number: T229-2

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: T229-2
Equipment used: CAT 320 TRACKHOE

Excavation size:
60 X 3 X 8 = 1440 CY
Length Width Depth Volume

↑N

PLAN VIEW