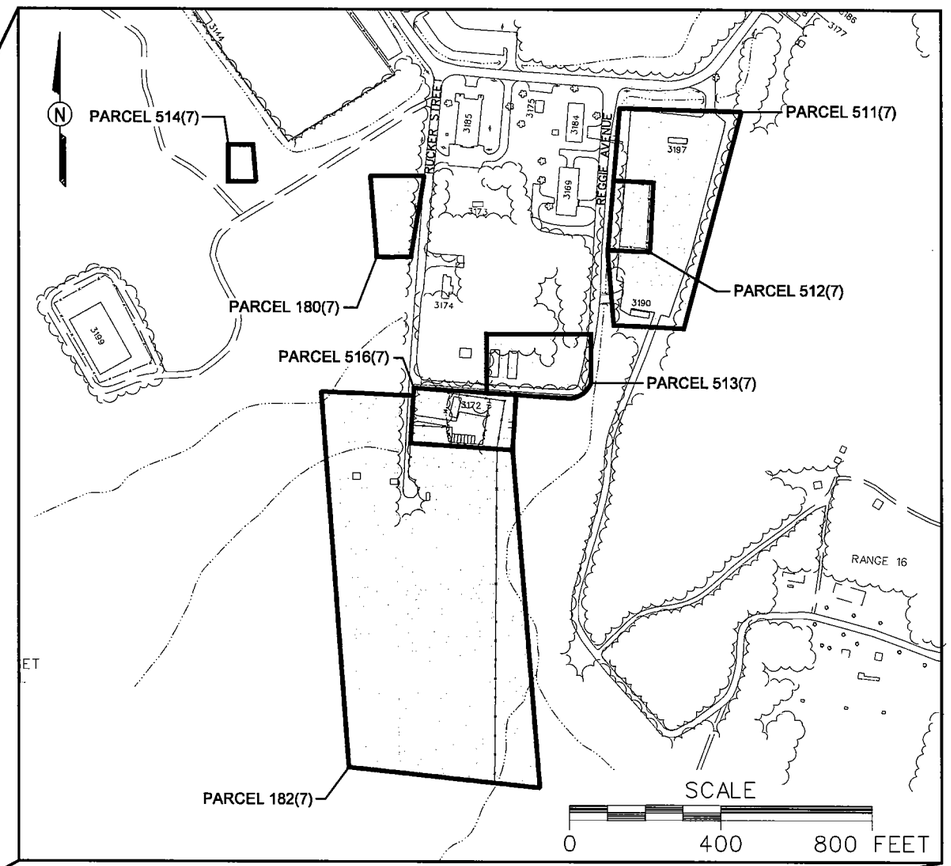
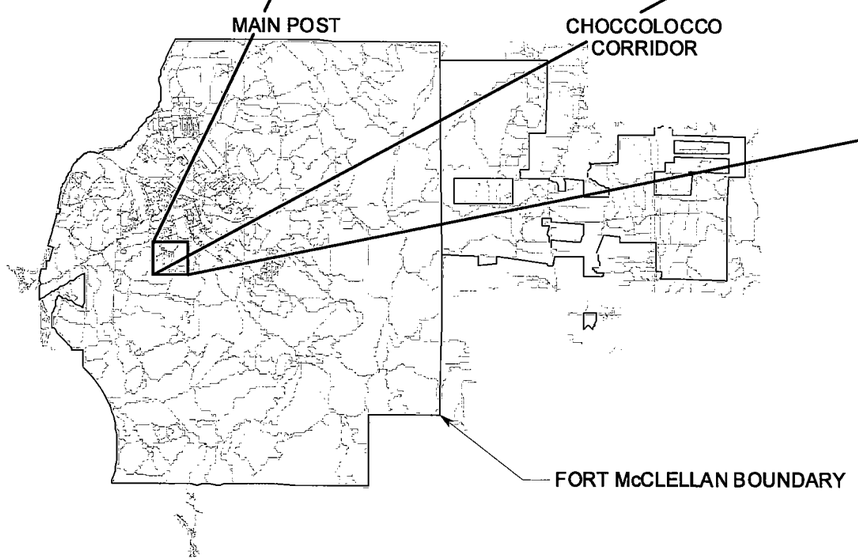
FIGURES





LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TREES / TREELINE
- PARCEL BOUNDARY
- SURFACE DRAINAGE / CREEK
- UTILITY POLE
- BERM

FIGURE 1-1
SITE LOCATION MAP
TRAINING AREA T-5 SITES
PARCELS 180(7), 182(7), 511(7), 512(7), 513(7), 514(7), AND 516(7)

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

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DRAWN BY: D. BOMAR	DRAWN BY:	ENGR. CHCK. BY: S. MORAN	PROJ. MGR.: J. YACOUB
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			PROJ. NO.: 838936

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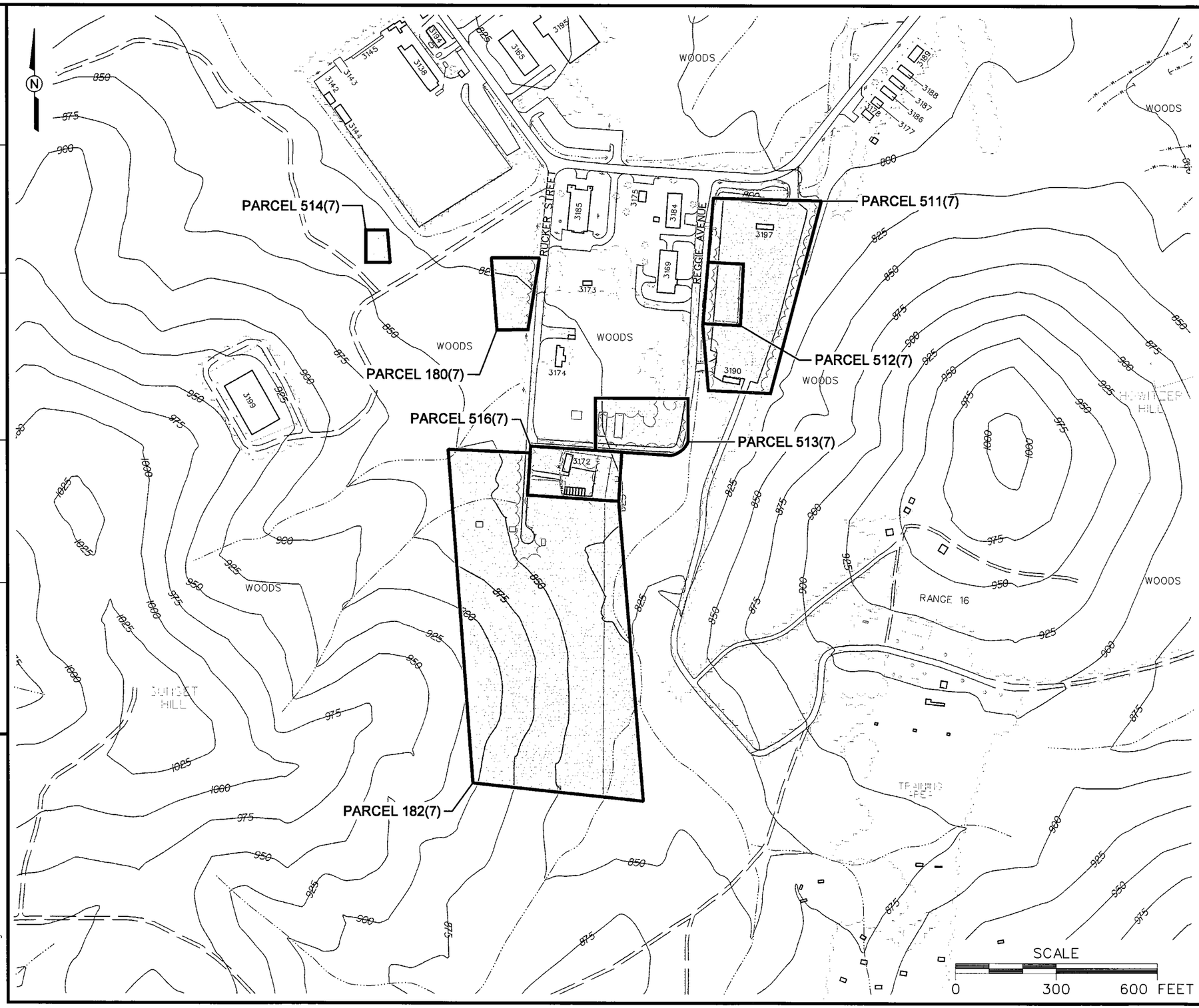

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- UTILITY POLE

FIGURE 1-2
SITE MAP
TRAINING AREA T-5 SITES
PARCELS 180(7), 182(7), 511(7), 512(7), 513(7), 514(7), AND 516(7)

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			PROJ. NO.: 838936

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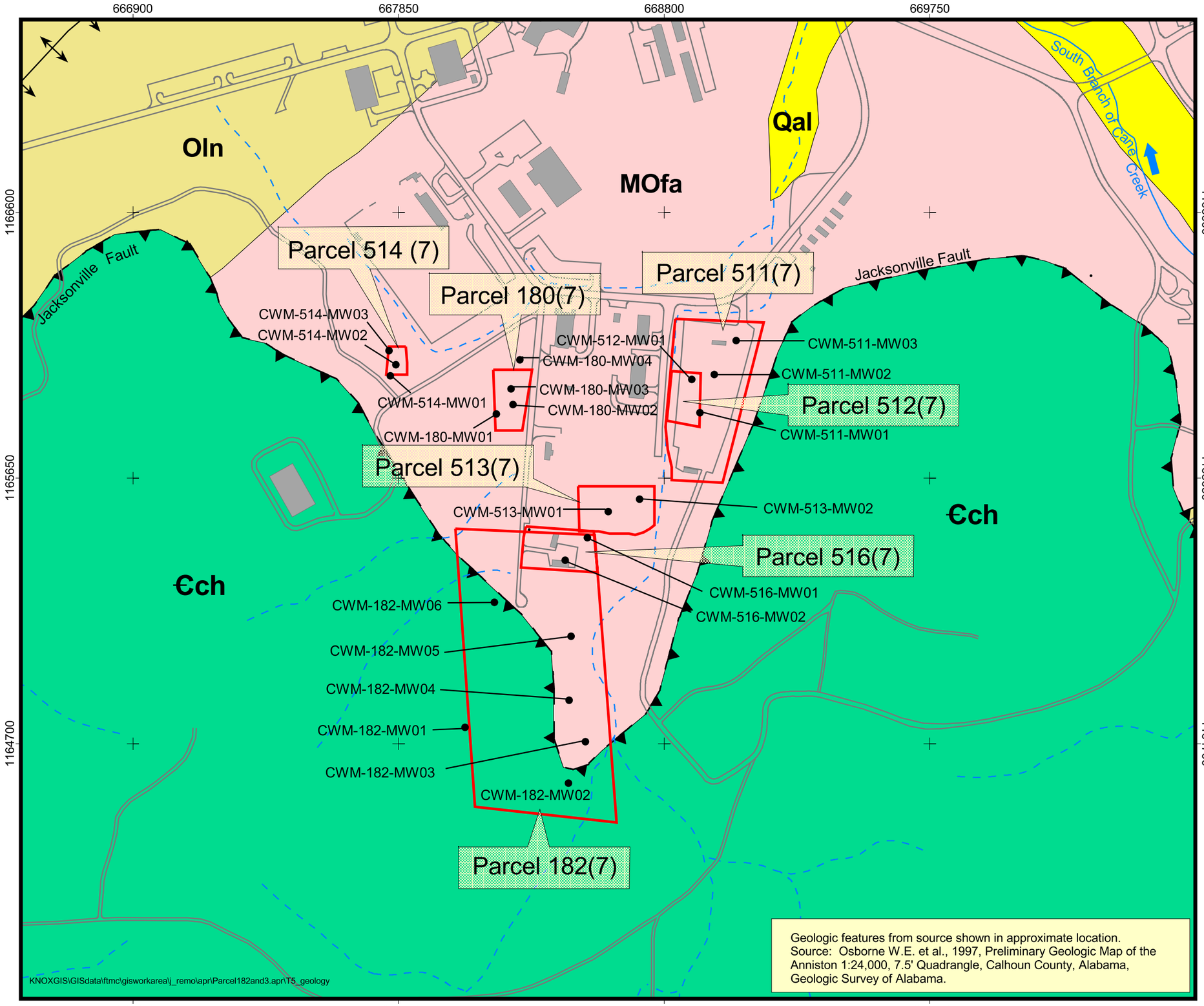

Geologic features from source shown in approximate location.
Source: Osborne W.E. et al., 1997, Preliminary Geologic Map of the Anniston 1:24,000, 7.5' Quadrangle, Calhoun County, Alabama, Geologic Survey of Alabama.

Figure 1-3

Site Geologic Map
Training Area T-5 Sites, Parcels 180(7), 182(7), 511(7), 512(7), 513(7), 514(7), and 516(7)

Fort McClelllan
Calhoun County, Alabama

Legend

- Surface Drainage Feature w/flow direction (dashed where intermittent)
- Roads
- Buildings
- Parcel Boundary
- Monitoring Well Location

Geology

- **Qal** — Quaternary - Alluvium
- **MOfa** — Mississippian/Ordovician - Floyd & Athens Shale, undifferentiated
- **Oln** — Ordovician - Little Oak and Newala Limestones, undifferentiated
- **Ꞓch** — Cambrian - Chilhowee Group, undifferentiated
- Thrust Fault (dashed where inferred; barbs on upper plate)
- Anticline

350 0 350 Feet
NAD83 State Plane Coordinates

N

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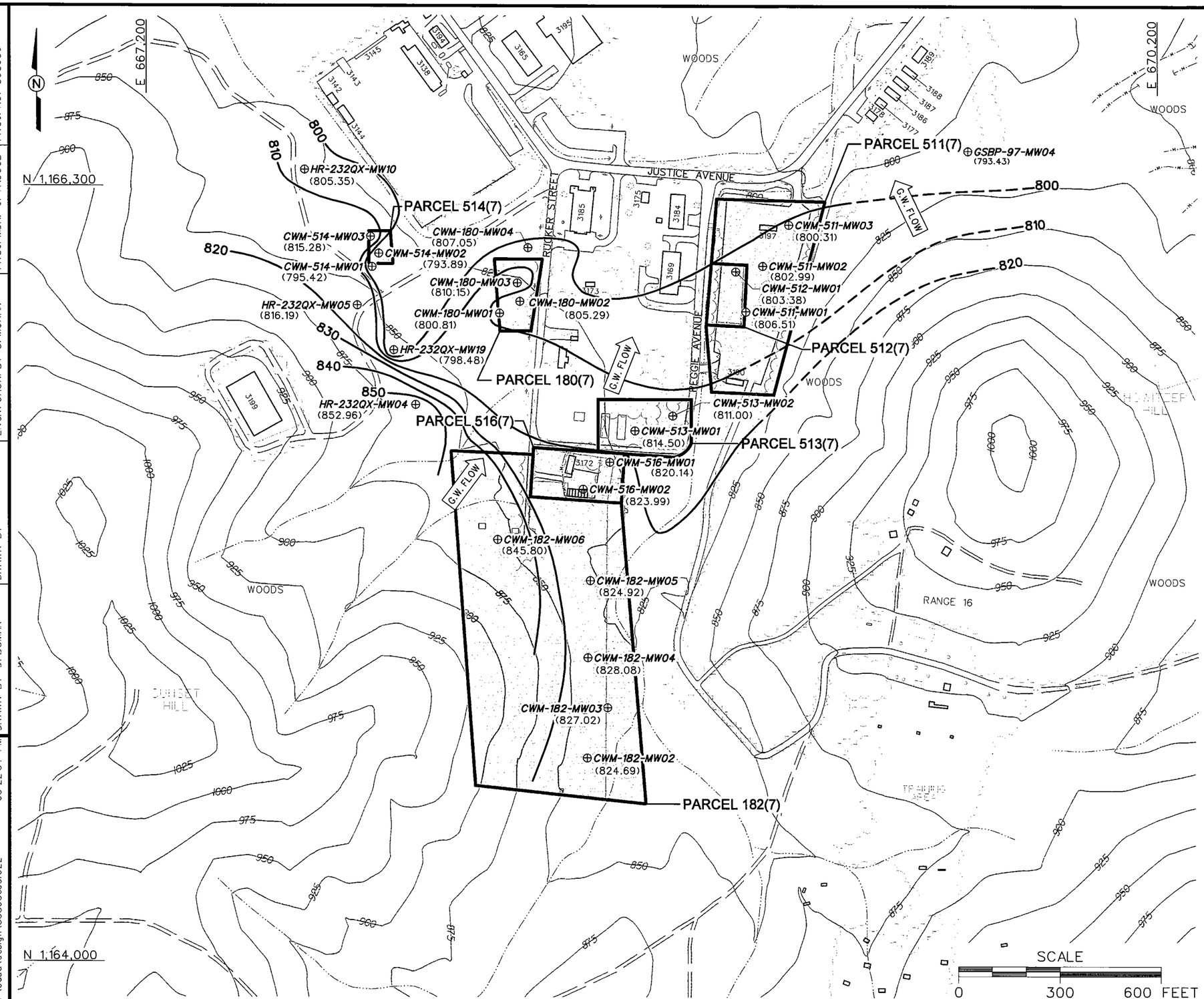

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (800.31) GROUNDWATER ELEVATION (FT MSL) (JANUARY 2002)
- G.W. FLOW — GROUNDWATER FLOW DIRECTION
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- UTILITY POLE
- EXISITING RESIDUUM MONITORING WELL LOCATION

FIGURE 1-4
GROUNDWATER ELEVATION MAP
TRAINING AREA T-5 SITES
PARCELS 180(7), 182(7), 511(7), 512(7), 513(7), 514(7), AND 516(7)

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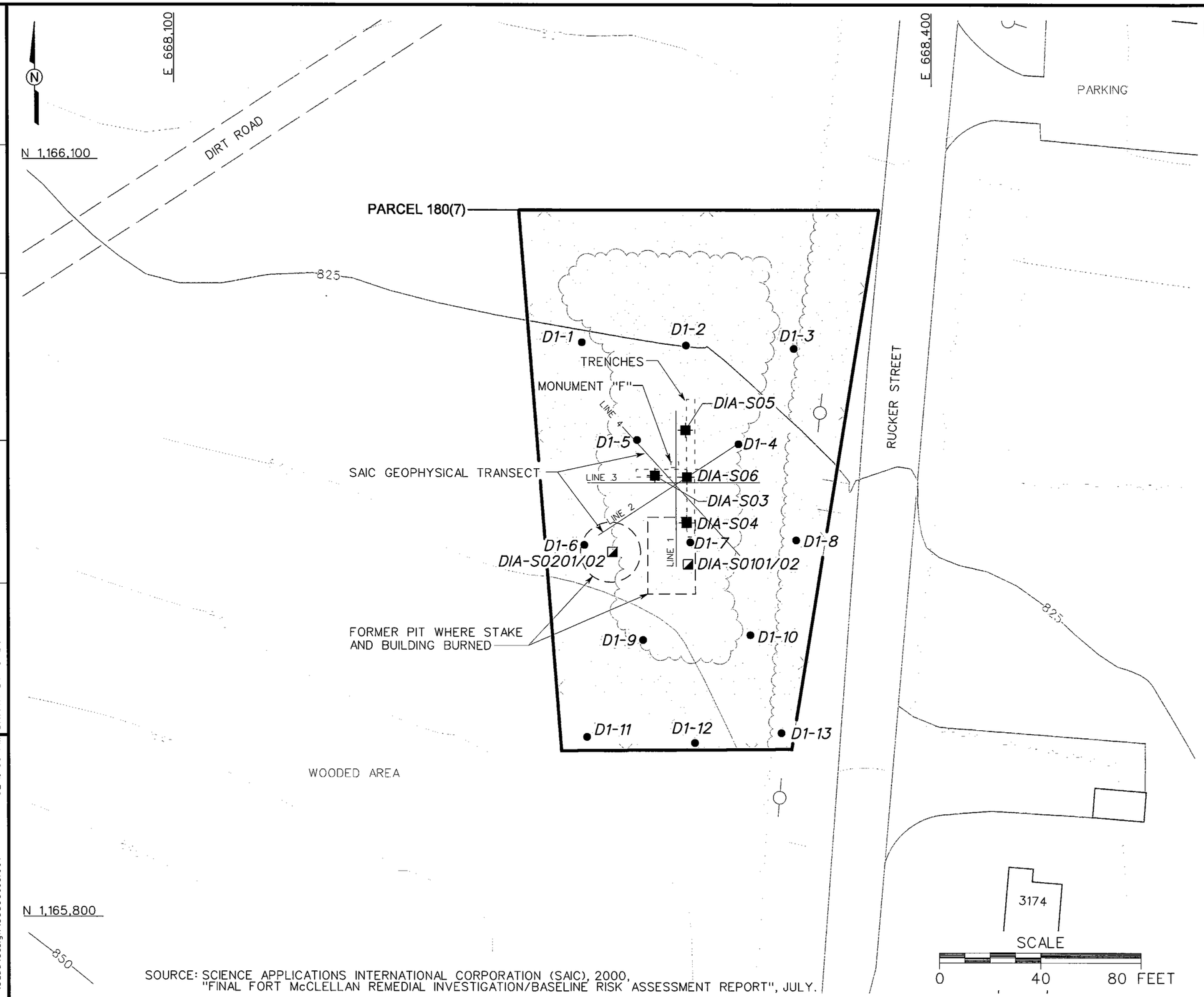

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 5 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- UTILITY POLE
- HISTORICAL FEATURES, (SAIC, 2000)
- LINE 1 GEOPHYSICAL TRANSECT
- MINICAMS SCREENING LOCATION
- SUBSURFACE SOIL SAMPLE LOCATION
- SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION

SOURCE: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION (SAIC), 2000, "FINAL FORT McCLELLAN REMEDIAL INVESTIGATION/BASELINE RISK ASSESSMENT REPORT", JULY.

FIGURE 2-1
SAIC TRENCH, SOIL SAMPLE, AND GEOPHYSICAL TRANSECT LOCATIONS
FORMER DETECTION AND IDENTIFICATION AREA
PARCEL 180(7)

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INITIATOR: J. REMO | PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY: | ENGR. CHCK. BY: S. MORAN
STARTING DATE: 09/23/02 | DATE LAST REV.:
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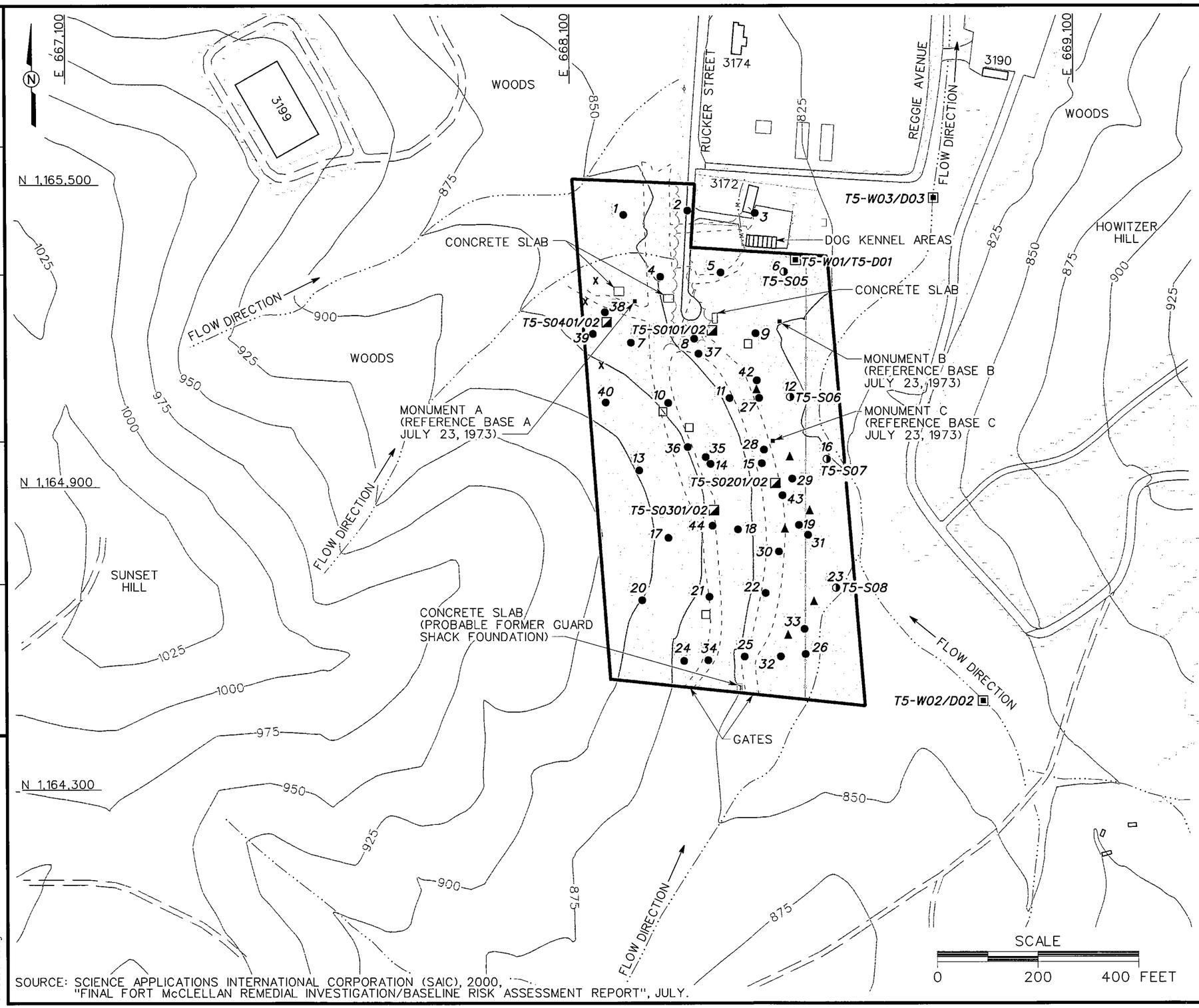

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- SURFACE DRAINAGE / CREEK
- FENCE
- UTILITY POLE
- HISTORICAL FEATURES, (SAIC, 1995)
- SAIC MINICAMS SCREENING LOCATION
- SAIC MINICAMS SCREENING LOCATION WITH SOIL SAMPLE
- SAIC SURFACE WATER/SEDIMENT SAMPLE LOCATION
- SAIC SI SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- SAIC SI POTENTIAL VX SITE
- SAIC SI POTENTIAL GB SITE
- SAIC SI HD SITE

SOURCE: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION (SAIC), 2000, "FINAL FORT McCLELLAN REMEDIAL INVESTIGATION/BASELINE RISK ASSESSMENT REPORT", JULY.

FIGURE 2-2
SAIC SI AND RI SAMPLE LOCATIONS
TRAINING AREA T-5
PARCEL 182(7)

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CALHOUN COUNTY, ALABAMA
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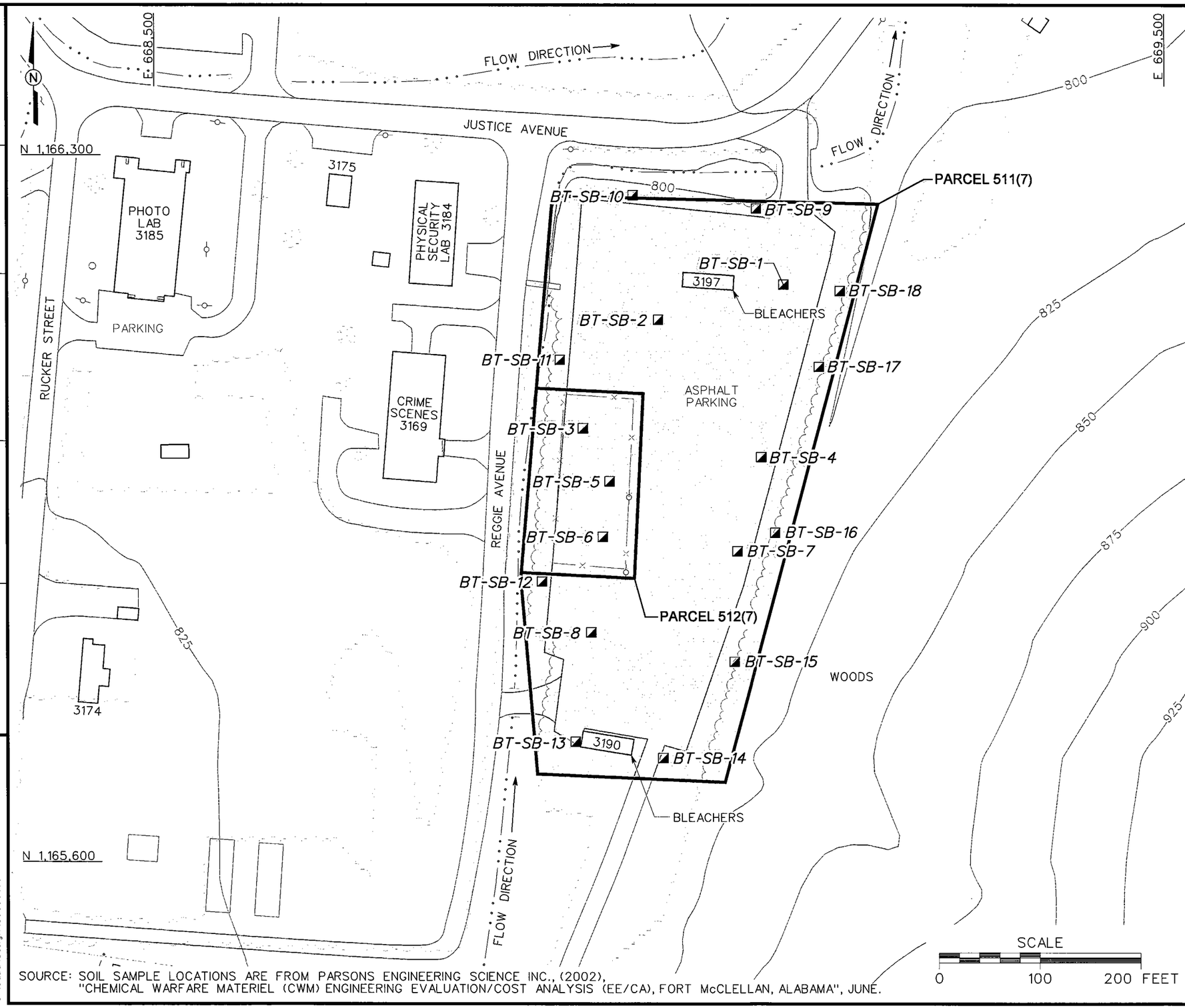

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- FENCE
- UTILITY POLE
- SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION (PARSONS, 2002)

SOURCE: SOIL SAMPLE LOCATIONS ARE FROM PARSONS ENGINEERING SCIENCE INC., (2002), "CHEMICAL WARFARE MATERIEL (CWM) ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), FORT McCLELLAN, ALABAMA", JUNE.

FIGURE 2-3
CWM EE/CA SOIL SAMPLE LOCATIONS
BLACKTOP TRAINING AREA
PARCEL 511(7)
FENCED YARD IN BLACKTOP AREA
PARCEL 512(7)

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PROJ. NO.: 838936
INITIATOR: J. REMO
PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY:
ENGR. CHCK. BY: S. MORAN
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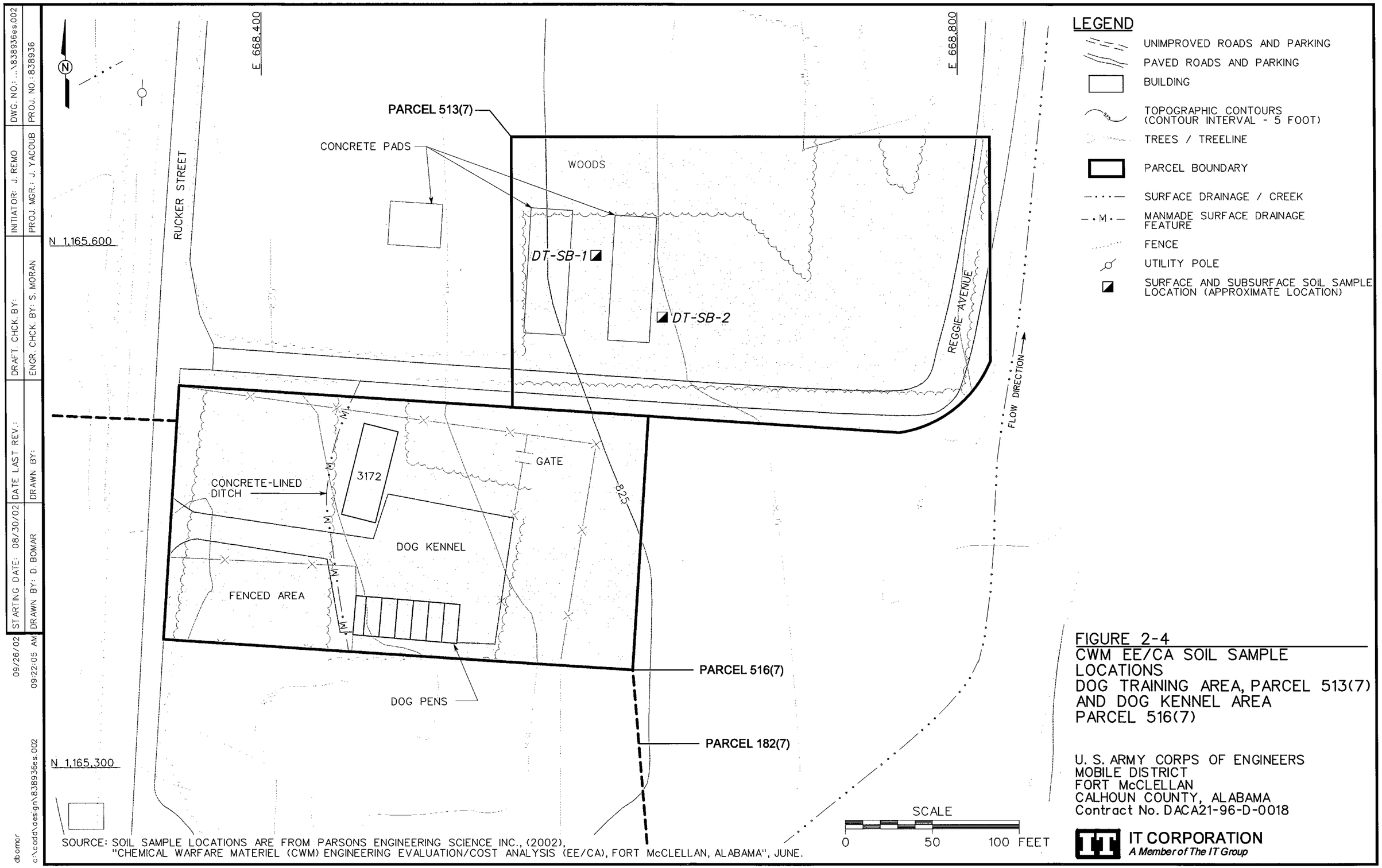

SOURCE: SOIL SAMPLE LOCATIONS ARE FROM PARSONS ENGINEERING SCIENCE INC., (2002), "CHEMICAL WARFARE MATERIEL (CWM) ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), FORT McCLELLAN, ALABAMA", JUNE.

FIGURE 2-4
CWM EE/CA SOIL SAMPLE LOCATIONS
DOG TRAINING AREA, PARCEL 513(7) AND DOG KENNEL AREA PARCEL 516(7)

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INITIATOR: J. REMO	PROJ. MGR.: J. YACOUB
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DATE LAST REV.:	DRAWN BY:
STARTING DATE: 08/30/02	DRAWN BY: D. BOMAR

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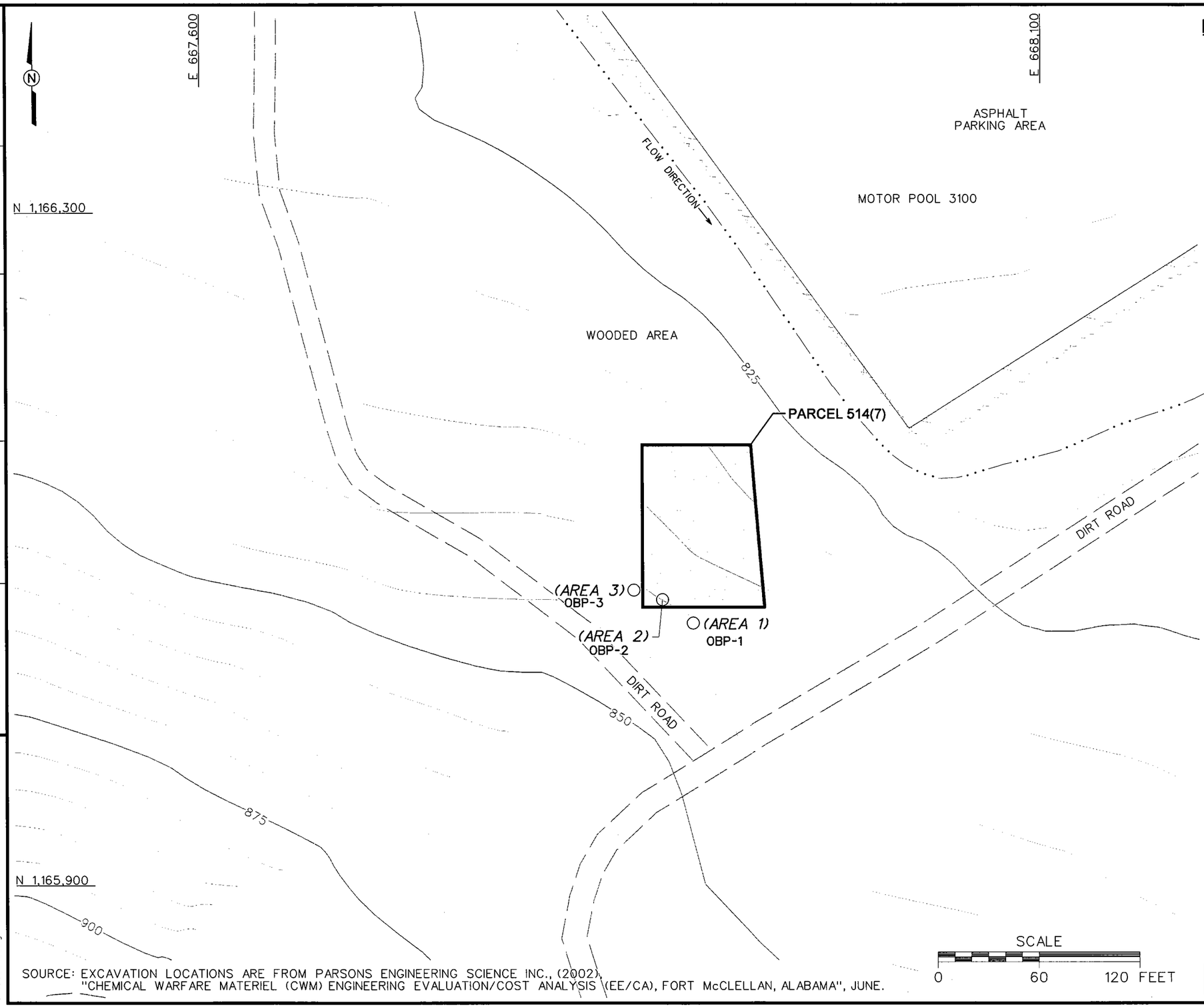

SOURCE: EXCAVATION LOCATIONS ARE FROM PARSONS ENGINEERING SCIENCE INC., (2002), "CHEMICAL WARFARE MATERIEL (CWM) ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), FORT McCLELLAN, ALABAMA", JUNE.

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 5 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- SURFACE DRAINAGE / CREEK
- FENCE
- UTILITY POLE
- EE/CA EXCAVATION LOCATION (PARSONS, 2002)

FIGURE 2-5
CWM EE/CA EXCAVATION LOCATIONS
OLD BURN PIT
PARCEL 514(7)

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CALHOUN COUNTY, ALABAMA
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DWG. NO.: ...\838936es.003	
PROJ. NO.: 838936	
INITIATOR: J. REMO	
PROJ. MGR.: J. YACOUB	
DRAFT. CHCK. BY:	
ENGR. CHCK. BY: S. MORAN	
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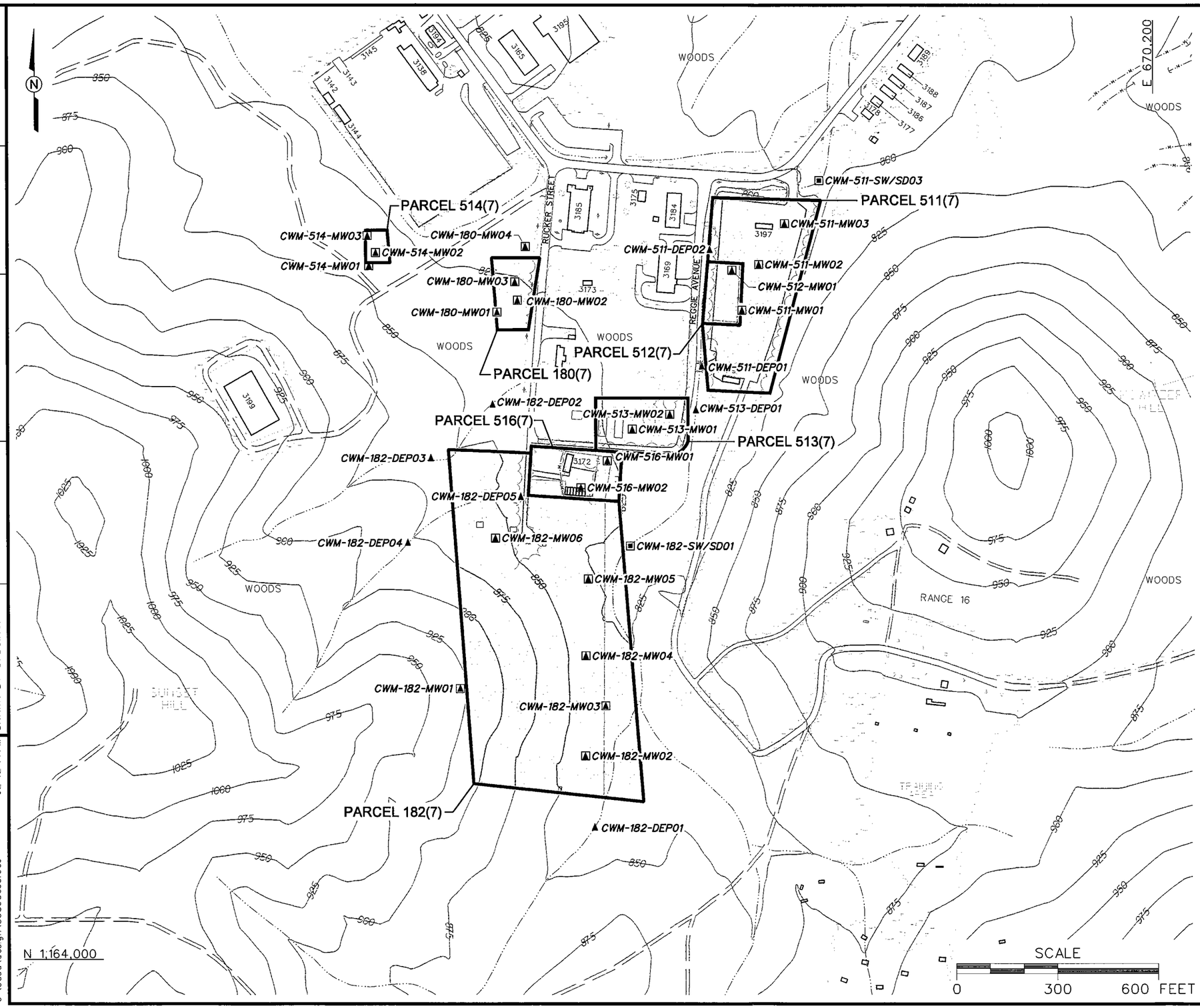

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- UTILITY POLE
- SURFACE WATER/SEDIMENT SAMPLE LOCATION
- MONITORING WELL/GROUNDWATER, SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- DEPOSITIONAL SOIL SAMPLE LOCATION

FIGURE 2-6
IT SI SAMPLE LOCATIONS
TRAINING AREA T-5 SITES
PARCELS 180(7), 182(7), 511(7), 512(7), 513(7), 514(7), AND 516(7)

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PROJ. NO.: 838936
INITIATOR: J. REMO
PROJ. MGR.: J. YACOUB
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ENGR. CHCK. BY: S. MORAN
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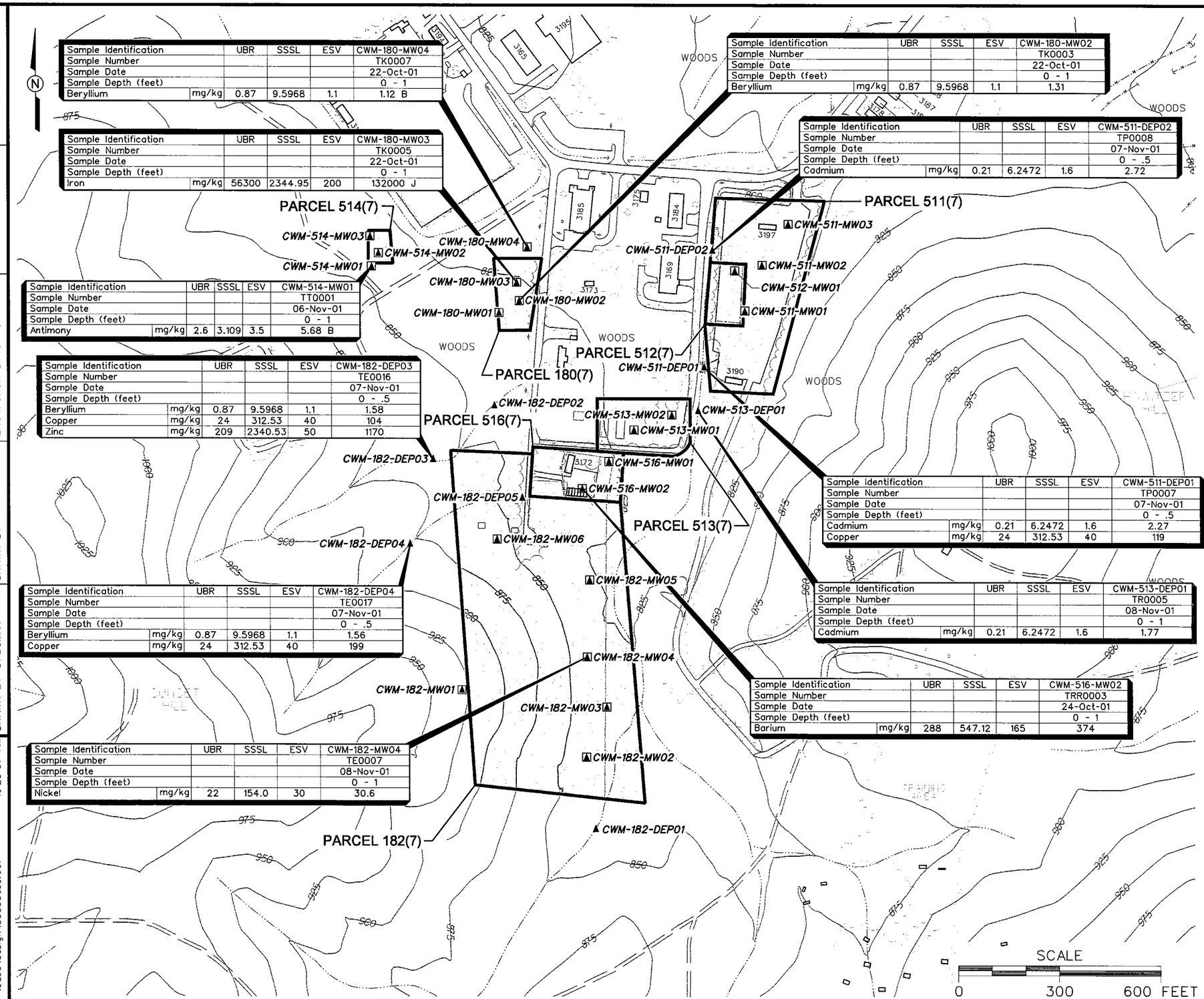

Sample Identification		UBR	SSSL	ESV	CWM-180-MW04
Sample Number					TK0007
Sample Date					22-Oct-01
Sample Depth (feet)					0 - 1
Beryllium	mg/kg	0.87	9.5968	1.1	1.12 B

Sample Identification		UBR	SSSL	ESV	CWM-180-MW03
Sample Number					TK0005
Sample Date					22-Oct-01
Sample Depth (feet)					0 - 1
Iron	mg/kg	56300	2344.95	200	132000 J

Sample Identification		UBR	SSSL	ESV	CWM-514-MW01
Sample Number					TT0001
Sample Date					06-Nov-01
Sample Depth (feet)					0 - 1
Antimony	mg/kg	2.6	3.109	3.5	5.68 B

Sample Identification		UBR	SSSL	ESV	CWM-182-DEP03
Sample Number					TE0016
Sample Date					07-Nov-01
Sample Depth (feet)					0 - .5
Beryllium	mg/kg	0.87	9.5968	1.1	1.58
Copper	mg/kg	24	312.53	40	104
Zinc	mg/kg	209	2340.53	50	1170

Sample Identification		UBR	SSSL	ESV	CWM-182-DEP04
Sample Number					TE0017
Sample Date					07-Nov-01
Sample Depth (feet)					0 - .5
Beryllium	mg/kg	0.87	9.5968	1.1	1.56
Copper	mg/kg	24	312.53	40	199

Sample Identification		UBR	SSSL	ESV	CWM-182-MW04
Sample Number					TE0007
Sample Date					08-Nov-01
Sample Depth (feet)					0 - 1
Nickel	mg/kg	22	154.0	30	30.6

Sample Identification		UBR	SSSL	ESV	CWM-180-MW02
Sample Number					TK0003
Sample Date					22-Oct-01
Sample Depth (feet)					0 - 1
Beryllium	mg/kg	0.87	9.5968	1.1	1.31

Sample Identification		UBR	SSSL	ESV	CWM-511-DEP02
Sample Number					TP0008
Sample Date					07-Nov-01
Sample Depth (feet)					0 - .5
Cadmium	mg/kg	0.21	6.2472	1.6	2.72

Sample Identification		UBR	SSSL	ESV	CWM-511-DEP01
Sample Number					TP0007
Sample Date					07-Nov-01
Sample Depth (feet)					0 - .5
Cadmium	mg/kg	0.21	6.2472	1.6	2.27
Copper	mg/kg	24	312.53	40	119

Sample Identification		UBR	SSSL	ESV	CWM-513-DEP01
Sample Number					TR0005
Sample Date					08-Nov-01
Sample Depth (feet)					0 - 1
Cadmium	mg/kg	0.21	6.2472	1.6	1.77

Sample Identification		UBR	SSSL	ESV	CWM-516-MW02
Sample Number					TRR0003
Sample Date					24-Oct-01
Sample Depth (feet)					0 - 1
Barium	mg/kg	288	547.12	165	374

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- UTILITY POLE
- GROUNDWATER, SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- ▲ DEPOSITIONAL SOIL SAMPLE LOCATION
- J COMPOUND WAS POSITIVELY IDENTIFIED; REPORTED VALUE IS AN ESTIMATED CONCENTRATION
- B ANALYTE DETECTED IN LABORATORY OR FIELD BLANK AT CONCENTRATION GREATER THAN THE REPORTING LIMIT (AND GREATER THAN ZERO)
- mg/kg MILLIGRAMS PER KILOGRAM
- UBR UPPER BACKGROUND RANGE
- SSSL SITE-SPECIFIC SCREENING LEVEL
- ESV ECOLOGICAL SCREENING VALUE

FIGURE 2-7
METALS RESULTS EXCEEDING SSSLs/ESVs AND UBR IN SURFACE AND DEPOSITIONAL SOIL
TRAINING AREA T-5 SITES
PARCELS 180(7), 182(7), 511(7), 512(7), 513(7), 514(7), AND 516(7)

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ENGR. CHCK. BY: S. MORAN
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STARTING DATE: 09/20/02
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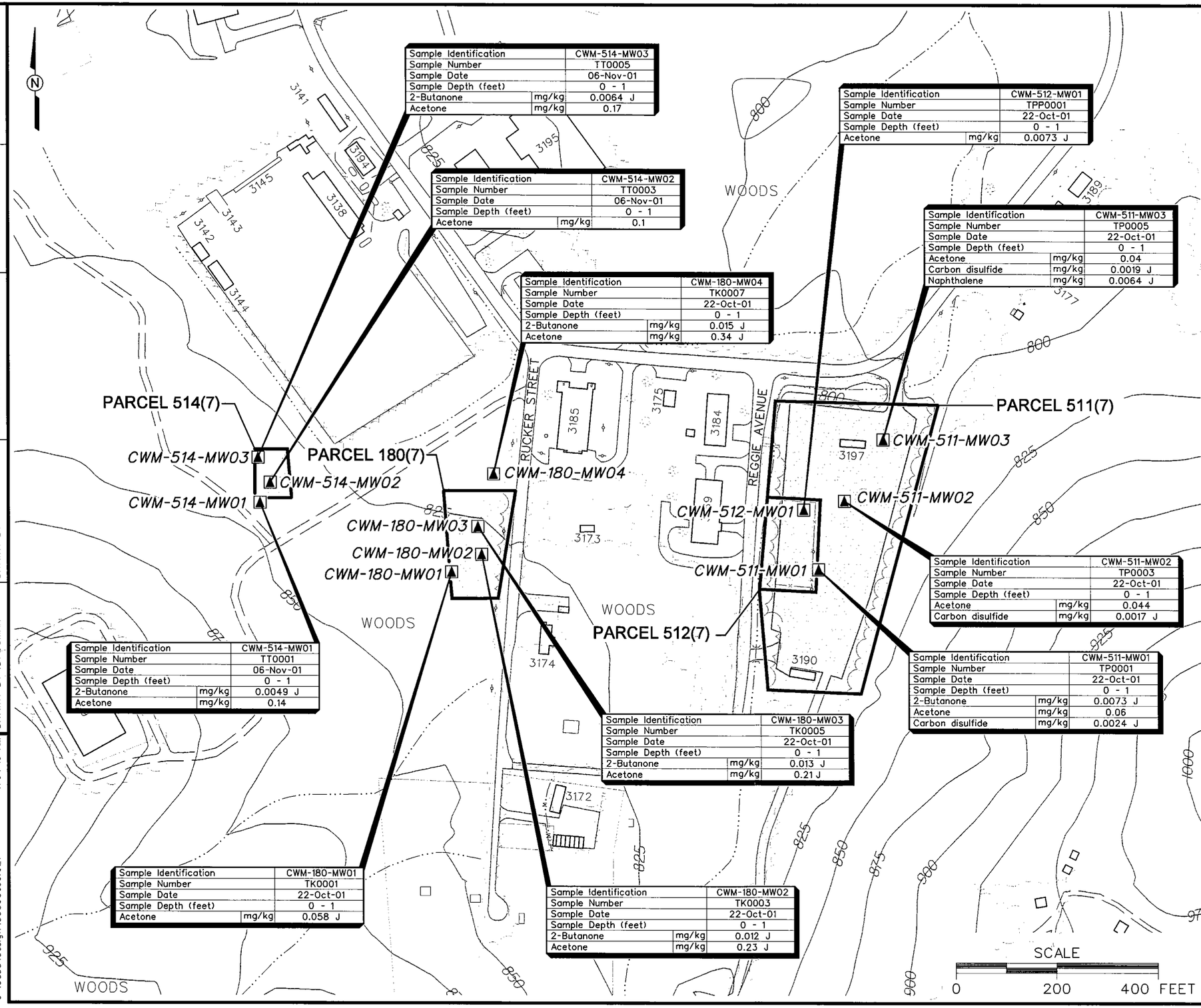


Sample Identification		CWM-514-MW03
Sample Number		TT0005
Sample Date		06-Nov-01
Sample Depth (feet)		0 - 1
2-Butanone	mg/kg	0.0064 J
Acetone	mg/kg	0.17

Sample Identification		CWM-514-MW02
Sample Number		TT0003
Sample Date		06-Nov-01
Sample Depth (feet)		0 - 1
Acetone	mg/kg	0.1

Sample Identification		CWM-180-MW04
Sample Number		TK0007
Sample Date		22-Oct-01
Sample Depth (feet)		0 - 1
2-Butanone	mg/kg	0.015 J
Acetone	mg/kg	0.34 J

Sample Identification		CWM-512-MW01
Sample Number		TPP0001
Sample Date		22-Oct-01
Sample Depth (feet)		0 - 1
Acetone	mg/kg	0.0073 J

Sample Identification		CWM-511-MW03
Sample Number		TP0005
Sample Date		22-Oct-01
Sample Depth (feet)		0 - 1
Acetone	mg/kg	0.04
Carbon disulfide	mg/kg	0.0019 J
Naphthalene	mg/kg	0.0064 J

Sample Identification		CWM-514-MW01
Sample Number		TT0001
Sample Date		06-Nov-01
Sample Depth (feet)		0 - 1
2-Butanone	mg/kg	0.0049 J
Acetone	mg/kg	0.14

Sample Identification		CWM-180-MW03
Sample Number		TK0005
Sample Date		22-Oct-01
Sample Depth (feet)		0 - 1
2-Butanone	mg/kg	0.013 J
Acetone	mg/kg	0.21 J

Sample Identification		CWM-511-MW02
Sample Number		TP0003
Sample Date		22-Oct-01
Sample Depth (feet)		0 - 1
Acetone	mg/kg	0.044
Carbon disulfide	mg/kg	0.0017 J

Sample Identification		CWM-511-MW01
Sample Number		TP0001
Sample Date		22-Oct-01
Sample Depth (feet)		0 - 1
2-Butanone	mg/kg	0.0073 J
Acetone	mg/kg	0.06
Carbon disulfide	mg/kg	0.0024 J

Sample Identification		CWM-180-MW01
Sample Number		TK0001
Sample Date		22-Oct-01
Sample Depth (feet)		0 - 1
Acetone	mg/kg	0.058 J

Sample Identification		CWM-180-MW02
Sample Number		TK0003
Sample Date		22-Oct-01
Sample Depth (feet)		0 - 1
2-Butanone	mg/kg	0.012 J
Acetone	mg/kg	0.23 J

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- UTILITY POLE
- GROUNDWATER, SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- J — COMPOUND WAS POSITIVELY IDENTIFIED; REPORTED VALUE IS AN ESTIMATED CONCENTRATION
- mg/kg — MILLIGRAMS PER KILOGRAM

NOTES:

1. ALL VOC RESULTS IN SURFACE SOIL WERE BELOW THEIR RESPECTIVE SSSLs AND ESVs.
2. "B"-FLAGGED DATA NOT SHOWN.

SCALE

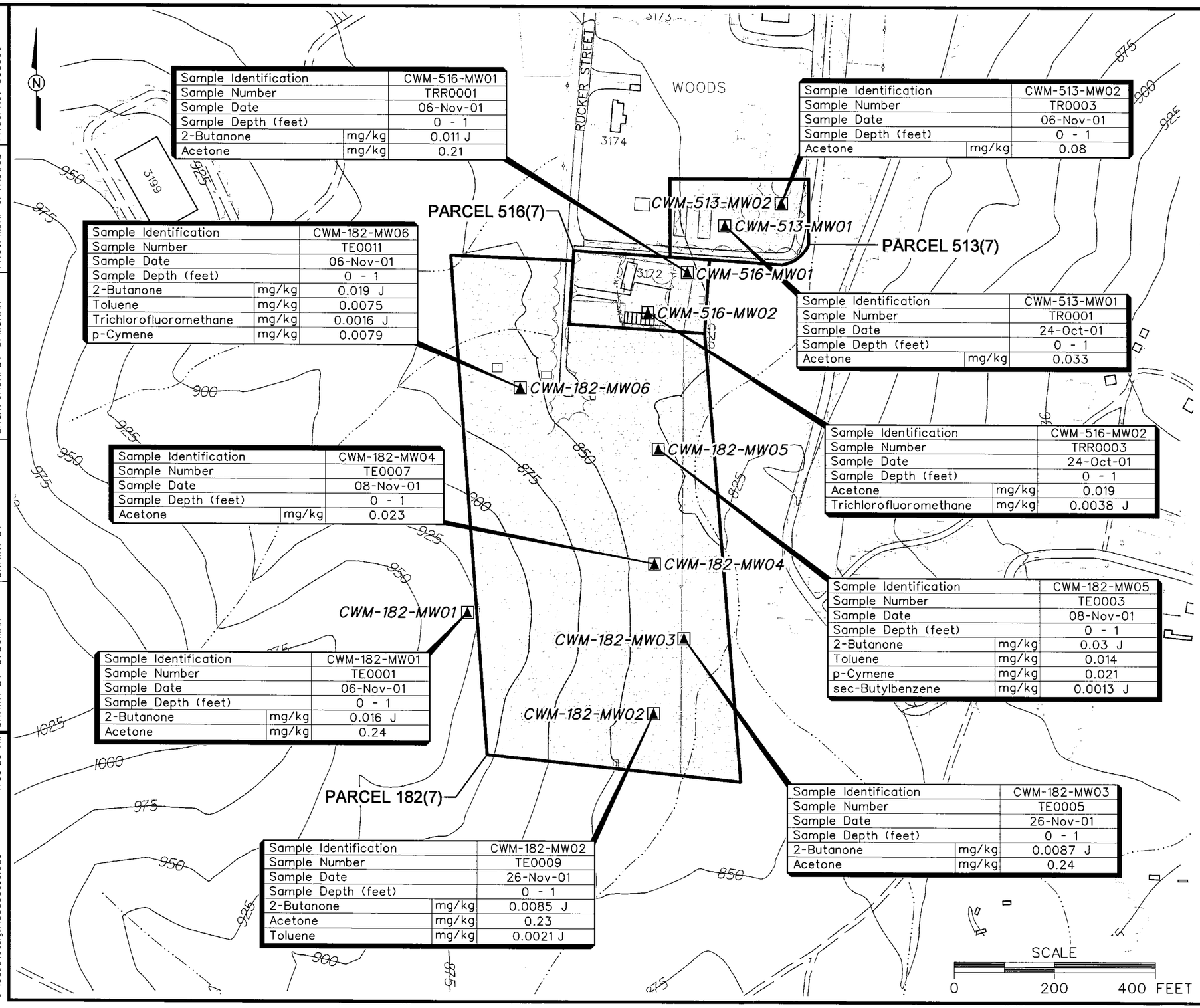
0 200 400 FEET

FIGURE 2-8
VOCs DETECTED IN SURFACE SOIL PARCELS 180(7), 511(7), 512(7), AND 514(7) TRAINING AREA T-5 SITES

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

DWG. NO.: ...\838936es.021 | PROJ. NO.: 838936
INITIATOR: J. REMO | PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY: | ENGR. CHCK. BY: S. MORAN
DATE LAST REV.: | DRAWN BY:
STARTING DATE: 09/18/02 | DRAWN BY: D. BOMAR
09/26/02 11:04:16 AM
dbomar c:\cadd\design\838936es.021



Sample Identification		CWM-516-MW01
Sample Number		TRR0001
Sample Date		06-Nov-01
Sample Depth (feet)		0 - 1
2-Butanone	mg/kg	0.011 J
Acetone	mg/kg	0.21

Sample Identification		CWM-182-MW06
Sample Number		TE0011
Sample Date		06-Nov-01
Sample Depth (feet)		0 - 1
2-Butanone	mg/kg	0.019 J
Toluene	mg/kg	0.0075
Trichlorofluoromethane	mg/kg	0.0016 J
p-Cymene	mg/kg	0.0079

Sample Identification		CWM-182-MW04
Sample Number		TE0007
Sample Date		08-Nov-01
Sample Depth (feet)		0 - 1
Acetone	mg/kg	0.023

Sample Identification		CWM-182-MW01
Sample Number		TE0001
Sample Date		06-Nov-01
Sample Depth (feet)		0 - 1
2-Butanone	mg/kg	0.016 J
Acetone	mg/kg	0.24

Sample Identification		CWM-182-MW02
Sample Number		TE0009
Sample Date		26-Nov-01
Sample Depth (feet)		0 - 1
2-Butanone	mg/kg	0.0085 J
Acetone	mg/kg	0.23
Toluene	mg/kg	0.0021 J

Sample Identification		CWM-513-MW02
Sample Number		TR0003
Sample Date		06-Nov-01
Sample Depth (feet)		0 - 1
Acetone	mg/kg	0.08

Sample Identification		CWM-513-MW01
Sample Number		TR0001
Sample Date		24-Oct-01
Sample Depth (feet)		0 - 1
Acetone	mg/kg	0.033

Sample Identification		CWM-516-MW02
Sample Number		TRR0003
Sample Date		24-Oct-01
Sample Depth (feet)		0 - 1
Acetone	mg/kg	0.019
Trichlorofluoromethane	mg/kg	0.0038 J

Sample Identification		CWM-182-MW05
Sample Number		TE0003
Sample Date		08-Nov-01
Sample Depth (feet)		0 - 1
2-Butanone	mg/kg	0.03 J
Toluene	mg/kg	0.014
p-Cymene	mg/kg	0.021
sec-Butylbenzene	mg/kg	0.0013 J

Sample Identification		CWM-182-MW03
Sample Number		TE0005
Sample Date		26-Nov-01
Sample Depth (feet)		0 - 1
2-Butanone	mg/kg	0.0087 J
Acetone	mg/kg	0.24

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- UTILITY POLE
- GROUNDWATER, SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- J — COMPOUND WAS POSITIVELY IDENTIFIED; REPORTED VALUE IS AN ESTIMATED CONCENTRATION
- mg/kg — MILLIGRAMS PER KILOGRAM

NOTES:

1. ALL VOC RESULTS IN SURFACE SOIL WERE BELOW THEIR RESPECTIVE SSSLs AND ESVs.
2. "B"-FLAGGED DATA NOT SHOWN.

FIGURE 2-9
VOCs DETECTED IN SURFACE SOIL PARCELS 182(7), 513(7), AND 516(7) TRAINING AREA T-5 SITES

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

DWG. NO.: ...\838936es.020 | PROJ. NO.: 838936
INITIATOR: J. REMO | PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY: | ENGR. CHCK. BY: S. MORAN
DATE LAST REV.: | DRAWN BY:
STARTING DATE: 09/18/02 | DRAWN BY: D. BOMAR
09/26/02 11:05:25 AM
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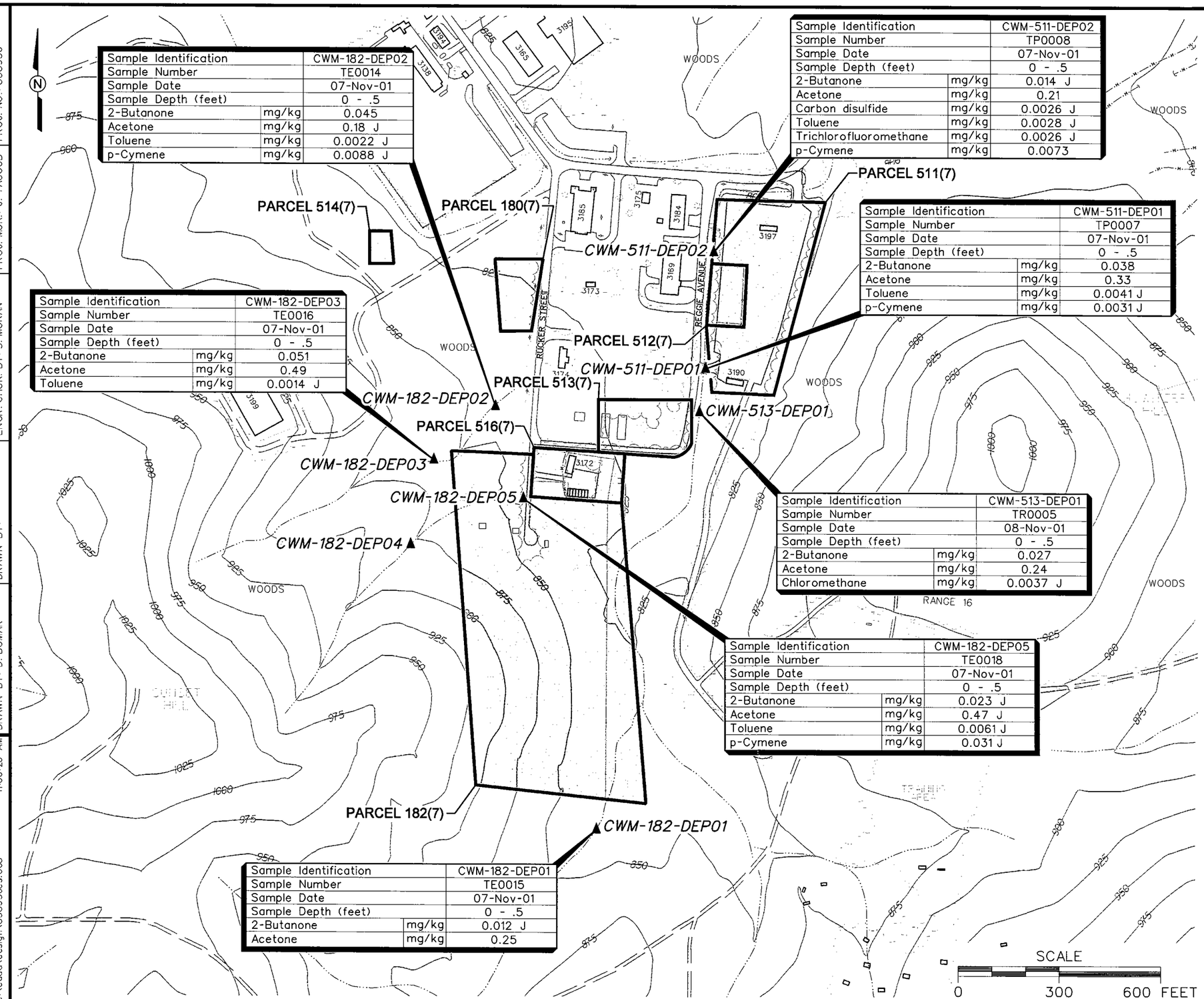
dbomar



Sample Identification		CWM-182-DEP02
Sample Number		TE0014
Sample Date		07-Nov-01
Sample Depth (feet)		0 - .5
2-Butanone	mg/kg	0.045
Acetone	mg/kg	0.18 J
Toluene	mg/kg	0.0022 J
p-Cymene	mg/kg	0.0088 J

Sample Identification		CWM-511-DEP02
Sample Number		TP0008
Sample Date		07-Nov-01
Sample Depth (feet)		0 - .5
2-Butanone	mg/kg	0.014 J
Acetone	mg/kg	0.21
Carbon disulfide	mg/kg	0.0026 J
Toluene	mg/kg	0.0028 J
Trichlorofluoromethane	mg/kg	0.0026 J
p-Cymene	mg/kg	0.0073

Sample Identification		CWM-511-DEP01
Sample Number		TP0007
Sample Date		07-Nov-01
Sample Depth (feet)		0 - .5
2-Butanone	mg/kg	0.038
Acetone	mg/kg	0.33
Toluene	mg/kg	0.0041 J
p-Cymene	mg/kg	0.0031 J

Sample Identification		CWM-182-DEP03
Sample Number		TE0016
Sample Date		07-Nov-01
Sample Depth (feet)		0 - .5
2-Butanone	mg/kg	0.051
Acetone	mg/kg	0.49
Toluene	mg/kg	0.0014 J

Sample Identification		CWM-513-DEP01
Sample Number		TR0005
Sample Date		08-Nov-01
Sample Depth (feet)		0 - .5
2-Butanone	mg/kg	0.027
Acetone	mg/kg	0.24
Chloromethane	mg/kg	0.0037 J

Sample Identification		CWM-182-DEP05
Sample Number		TE0018
Sample Date		07-Nov-01
Sample Depth (feet)		0 - .5
2-Butanone	mg/kg	0.023 J
Acetone	mg/kg	0.47 J
Toluene	mg/kg	0.0061 J
p-Cymene	mg/kg	0.031 J

Sample Identification		CWM-182-DEP01
Sample Number		TE0015
Sample Date		07-Nov-01
Sample Depth (feet)		0 - .5
2-Butanone	mg/kg	0.012 J
Acetone	mg/kg	0.25

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- UTILITY POLE
- ▲ DEPOSITIONAL SOIL SAMPLE LOCATION
- J — COMPOUND WAS POSITIVELY IDENTIFIED; REPORTED VALUE IS AN ESTIMATED CONCENTRATION
- mg/kg — MILLIGRAMS PER KILOGRAM

NOTES:

1. ALL VOC RESULTS IN DEPOSITIONAL SOIL WERE BELOW THEIR RESPECTIVE SSSLs AND ESVs.
2. "B"-FLAGGED DATA NOT SHOWN.

FIGURE 2-10
VOCs DETECTED IN DEPOSITIONAL SOIL
PARCELS 180(7), 182(7), 511(7), 512(7), 513(7), 514(7), AND 516(7)
TRAINING AREA T-5 SITES

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

DWG. NO.: ...\838936es.008 | PROJ. NO.: 838936
INITIATOR: J. REMO | PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY: | ENGR. CHCK. BY: S. MORAN
DATE LAST REV.: | DRAWN BY:
STARTING DATE: 09/18/02 | DRAWN BY: D. BOMAR
09/26/02 11:06:26 AM
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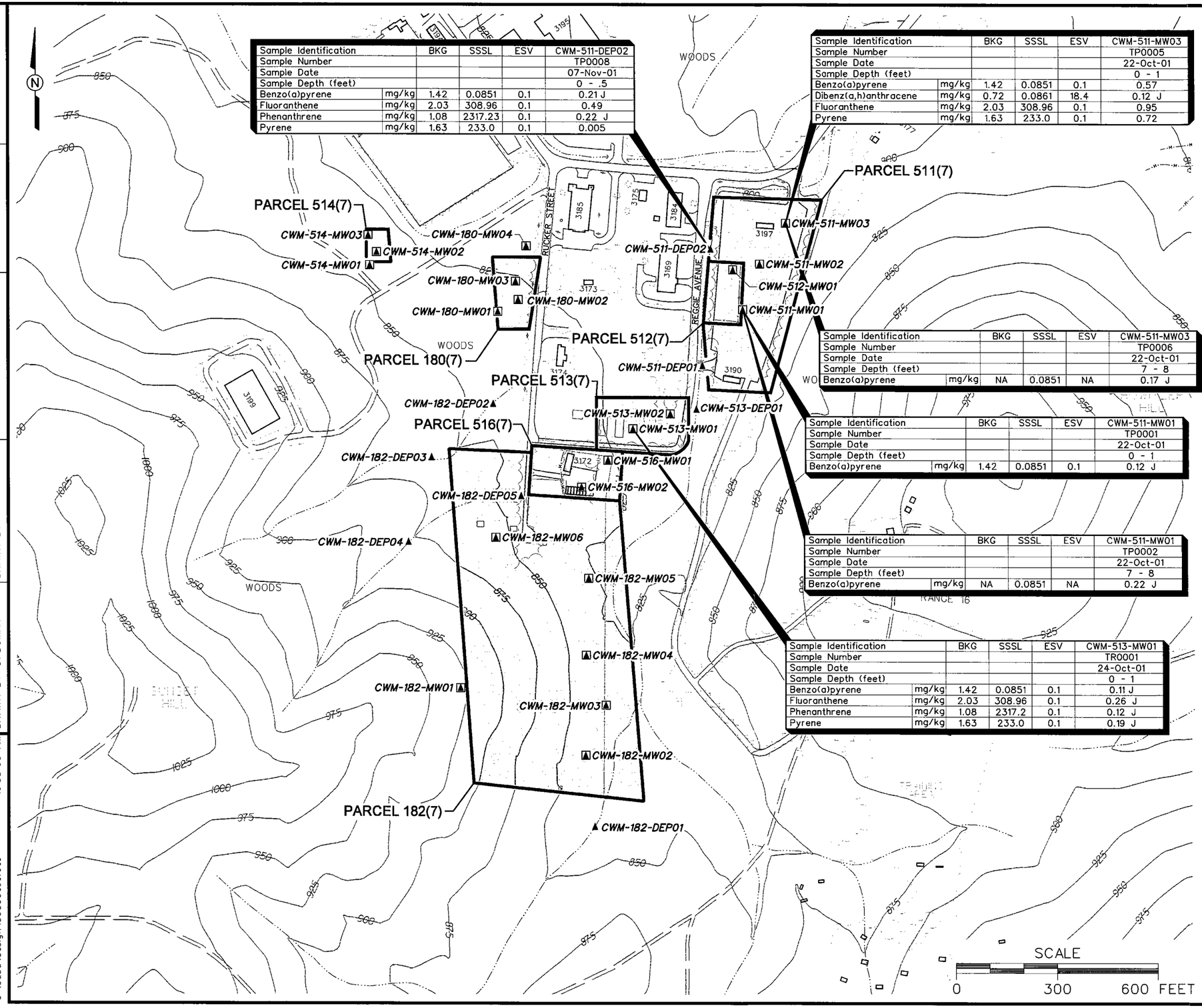

Sample Identification		BKG	SSSL	ESV	CWM-511-DEP02
Sample Number					TP0008
Sample Date					07-Nov-01
Sample Depth (feet)					0 - .5
Benzo(a)pyrene	mg/kg	1.42	0.0851	0.1	0.21 J
Fluoranthene	mg/kg	2.03	308.96	0.1	0.49
Phenanthrene	mg/kg	1.08	2317.23	0.1	0.22 J
Pyrene	mg/kg	1.63	233.0	0.1	0.005

Sample Identification		BKG	SSSL	ESV	CWM-511-MW03
Sample Number					TP0005
Sample Date					22-Oct-01
Sample Depth (feet)					0 - 1
Benzo(a)pyrene	mg/kg	1.42	0.0851	0.1	0.57
Dibenz(a,h)anthracene	mg/kg	0.72	0.0861	18.4	0.12 J
Fluoranthene	mg/kg	2.03	308.96	0.1	0.95
Pyrene	mg/kg	1.63	233.0	0.1	0.72

Sample Identification		BKG	SSSL	ESV	CWM-511-MW03
Sample Number					TP0006
Sample Date					22-Oct-01
Sample Depth (feet)					7 - 8
Benzo(a)pyrene	mg/kg	NA	0.0851	NA	0.17 J

Sample Identification		BKG	SSSL	ESV	CWM-511-MW01
Sample Number					TP0001
Sample Date					22-Oct-01
Sample Depth (feet)					0 - 1
Benzo(a)pyrene	mg/kg	1.42	0.0851	0.1	0.12 J

Sample Identification		BKG	SSSL	ESV	CWM-511-MW01
Sample Number					TP0002
Sample Date					22-Oct-01
Sample Depth (feet)					7 - 8
Benzo(a)pyrene	mg/kg	NA	0.0851	NA	0.22 J

Sample Identification		BKG	SSSL	ESV	CWM-513-MW01
Sample Number					TR0001
Sample Date					24-Oct-01
Sample Depth (feet)					0 - 1
Benzo(a)pyrene	mg/kg	1.42	0.0851	0.1	0.11 J
Fluoranthene	mg/kg	2.03	308.96	0.1	0.26 J
Phenanthrene	mg/kg	1.08	2317.2	0.1	0.12 J
Pyrene	mg/kg	1.63	233.0	0.1	0.19 J

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- UTILITY POLE
- GROUNDWATER, SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- DEPOSITIONAL SOIL SAMPLE LOCATION
- J — COMPOUND WAS POSITIVELY IDENTIFIED; REPORTED VALUE IS AN ESTIMATED CONCENTRATION
- mg/kg — MILLIGRAMS PER KILOGRAM
- SSSL — SITE-SPECIFIC SCREENING LEVEL
- ESV — ECOLOGICAL SCREENING VALUE
- NA — NOT AVAILABLE

FIGURE 2-11
SVOCs EXCEEDING SSSLs AND/OR ESVs IN SURFACE AND SUBSURFACE SOILS
TRAINING AREA T-5 SITES
PARCELS 180(7), 182(7), 511(7), 512(7), 513(7), 514(7), AND 516(7)

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

IT CORPORATION
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DWG. NO.: ...\838936es.009 | PROJ. NO.: 838936
INITIATOR: J. REMO | PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY: | ENGR. CHCK. BY: S. MORAN
DATE LAST REV.: | DRAWN BY:
STARTING DATE: 09/18/02 | DRAWN BY: D. BOMAR
09/26/02 10:58:03 AM
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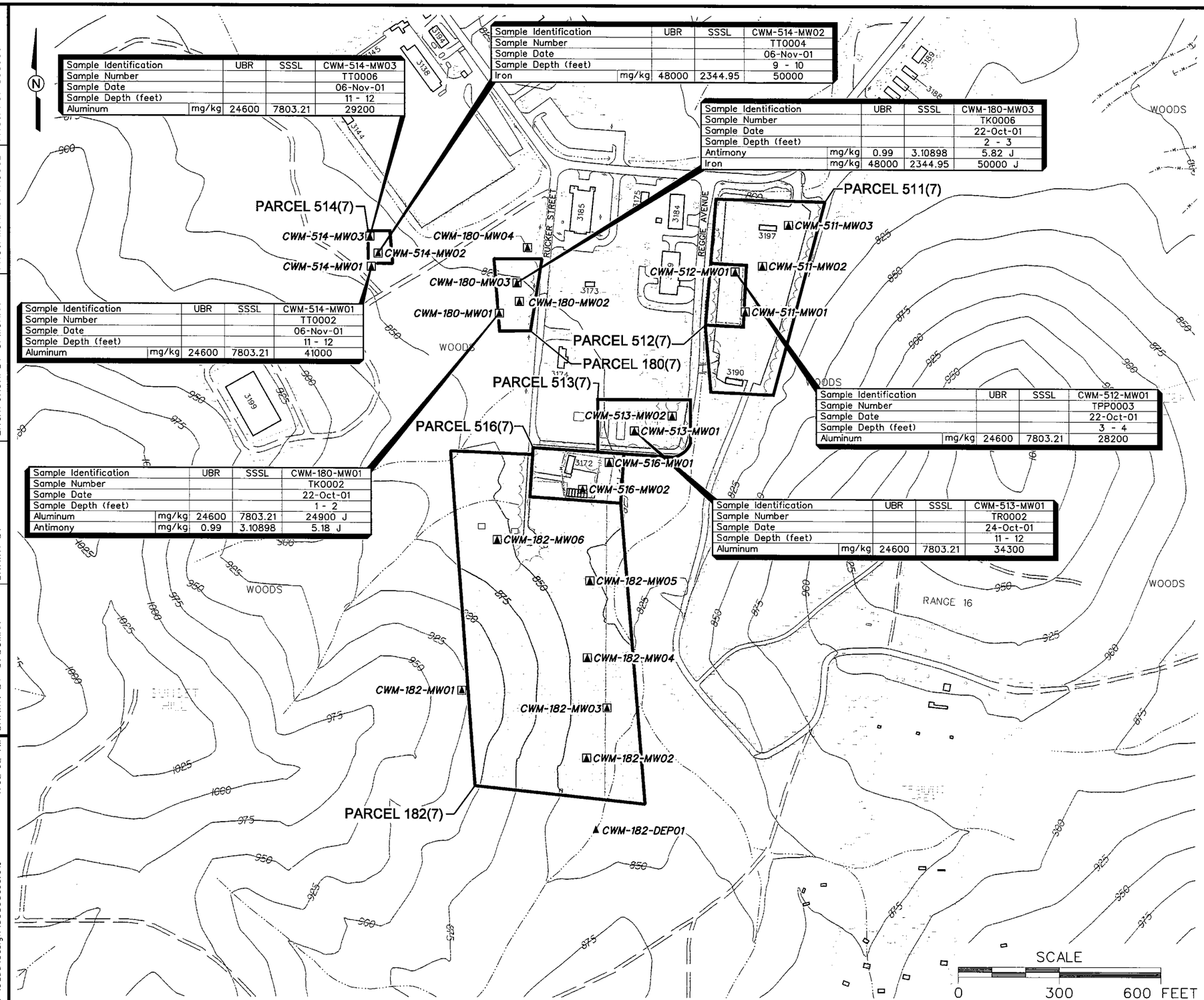

Sample Identification		UBR	SSSL	CWM-514-MW03
Sample Number				TT0006
Sample Date				06-Nov-01
Sample Depth (feet)				11 - 12
Aluminum	mg/kg	24600	7803.21	29200

Sample Identification		UBR	SSSL	CWM-514-MW02
Sample Number				TT0004
Sample Date				06-Nov-01
Sample Depth (feet)				9 - 10
Iron	mg/kg	48000	2344.95	50000

Sample Identification		UBR	SSSL	CWM-180-MW03
Sample Number				TK0006
Sample Date				22-Oct-01
Sample Depth (feet)				2 - 3
Antimony	mg/kg	0.99	3.10898	5.82 J
Iron	mg/kg	48000	2344.95	50000 J

Sample Identification		UBR	SSSL	CWM-514-MW01
Sample Number				TT0002
Sample Date				06-Nov-01
Sample Depth (feet)				11 - 12
Aluminum	mg/kg	24600	7803.21	41000

Sample Identification		UBR	SSSL	CWM-512-MW01
Sample Number				TPP0003
Sample Date				22-Oct-01
Sample Depth (feet)				3 - 4
Aluminum	mg/kg	24600	7803.21	28200

Sample Identification		UBR	SSSL	CWM-180-MW01
Sample Number				TK0002
Sample Date				22-Oct-01
Sample Depth (feet)				1 - 2
Aluminum	mg/kg	24600	7803.21	24900 J
Antimony	mg/kg	0.99	3.10898	5.18 J

Sample Identification		UBR	SSSL	CWM-513-MW01
Sample Number				TR0002
Sample Date				24-Oct-01
Sample Depth (feet)				11 - 12
Aluminum	mg/kg	24600	7803.21	34300

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- UTILITY POLE
- GROUNDWATER, SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- J — COMPOUND WAS POSITIVELY IDENTIFIED; REPORTED VALUE IS AN ESTIMATED CONCENTRATION
- mg/kg — MILLIGRAMS PER KILOGRAM
- UBR — UPPER BACKGROUND RANGE
- SSSL — SITE-SPECIFIC SCREENING LEVEL

FIGURE 2-12
METALS EXCEEDING SSSLs AND UBRs IN SUBSURFACE SOIL TRAINING AREA T-5 SITES PARCELS 180(7), 182(7), 511(7), 512(7), 513(7), 514(7), AND 516(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

DWG. NO.: ...\838936es.010 | PROJ. NO.: 838936
INITIATOR: J. REMO | PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY: | ENGR. CHCK. BY: S. MORAN
DATE LAST REV.: | DRAWN BY:
STARTING DATE: 09/18/02 | DRAWN BY: D. BOMAR
09/26/02 11:02:02 AM
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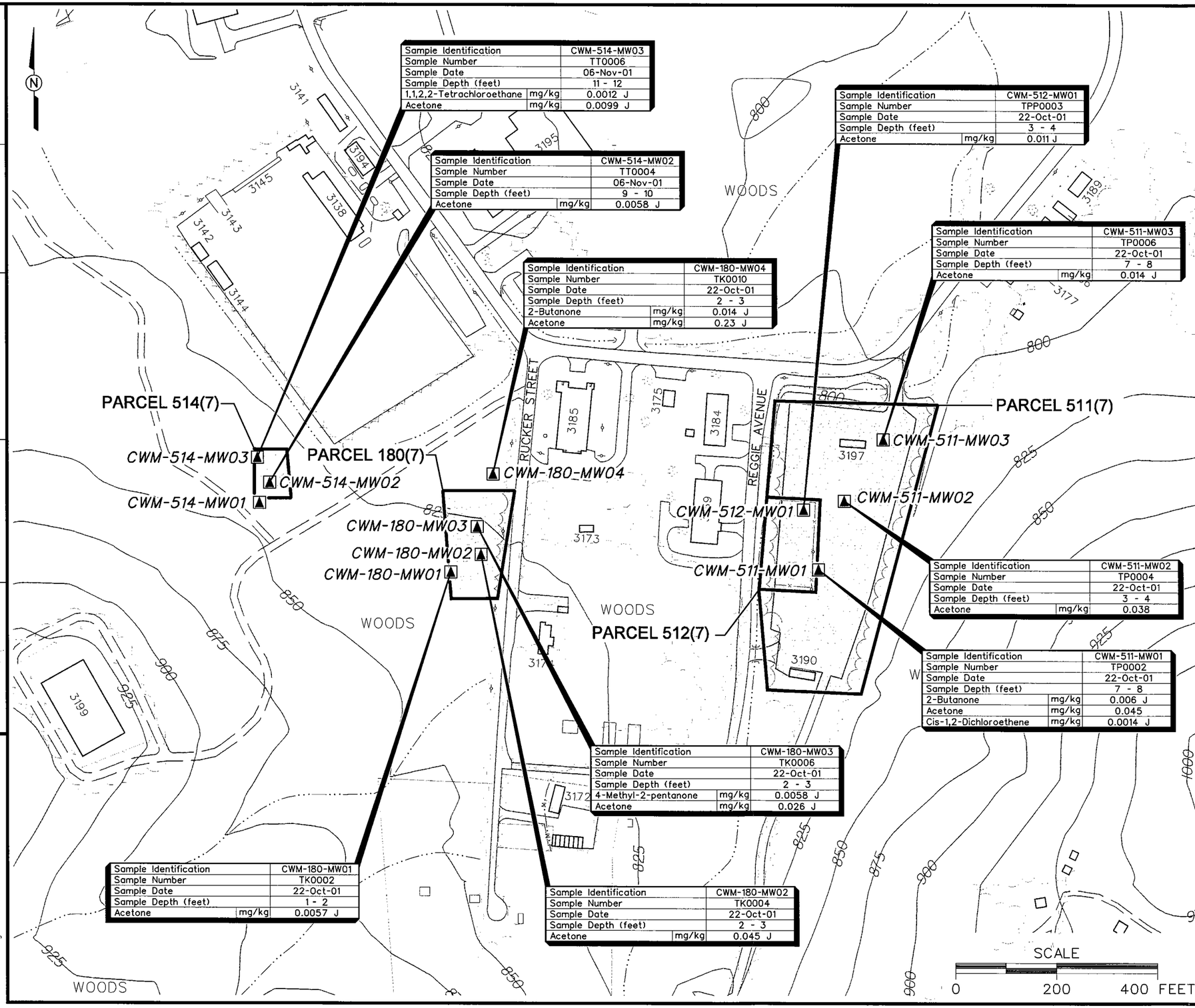

Sample Identification		CWM-514-MW03
Sample Number		TT0006
Sample Date		06-Nov-01
Sample Depth (feet)		11 - 12
1,1,2,2-Tetrachloroethane	mg/kg	0.0012 J
Acetone	mg/kg	0.0099 J

Sample Identification		CWM-514-MW02
Sample Number		TT0004
Sample Date		06-Nov-01
Sample Depth (feet)		9 - 10
Acetone	mg/kg	0.0058 J

Sample Identification		CWM-180-MW04
Sample Number		TK0010
Sample Date		22-Oct-01
Sample Depth (feet)		2 - 3
2-Butanone	mg/kg	0.014 J
Acetone	mg/kg	0.23 J

Sample Identification		CWM-512-MW01
Sample Number		TPP0003
Sample Date		22-Oct-01
Sample Depth (feet)		3 - 4
Acetone	mg/kg	0.011 J

Sample Identification		CWM-511-MW03
Sample Number		TP0006
Sample Date		22-Oct-01
Sample Depth (feet)		7 - 8
Acetone	mg/kg	0.014 J

Sample Identification		CWM-511-MW02
Sample Number		TP0004
Sample Date		22-Oct-01
Sample Depth (feet)		3 - 4
Acetone	mg/kg	0.038

Sample Identification		CWM-511-MW01
Sample Number		TP0002
Sample Date		22-Oct-01
Sample Depth (feet)		7 - 8
2-Butanone	mg/kg	0.006 J
Acetone	mg/kg	0.045
Cis-1,2-Dichloroethene	mg/kg	0.0014 J

Sample Identification		CWM-180-MW03
Sample Number		TK0006
Sample Date		22-Oct-01
Sample Depth (feet)		2 - 3
4-Methyl-2-pentanone	mg/kg	0.0058 J
Acetone	mg/kg	0.026 J

Sample Identification		CWM-180-MW01
Sample Number		TK0002
Sample Date		22-Oct-01
Sample Depth (feet)		1 - 2
Acetone	mg/kg	0.0057 J

Sample Identification		CWM-180-MW02
Sample Number		TK0004
Sample Date		22-Oct-01
Sample Depth (feet)		2 - 3
Acetone	mg/kg	0.045 J

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- UTILITY POLE
- GROUNDWATER, SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- J — COMPOUND WAS POSITIVELY IDENTIFIED; REPORTED VALUE IS AN ESTIMATED CONCENTRATION
- mg/kg — MILLIGRAMS PER KILOGRAM

NOTES:

1. ALL VOC RESULTS IN SUBSURFACE SOIL WERE BELOW THEIR RESPECTIVE SSSLs.
2. "B"-FLAGGED DATA NOT SHOWN.

FIGURE 2-13
VOCs IN SUBSURFACE SOIL
PARCELS 180(7), 511(7), 512(7), AND 514(7)
TRAINING AREA T-5 SITES

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

DWG. NO.: ...\838936es.017 | PROJ. NO.: 838936
INITIATOR: J. REMO | PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY: | ENGR. CHCK. BY: S. MORAN
DATE LAST REV.: | DRAWN BY:
STARTING DATE: 09/18/02 | DRAWN BY: D. BOMAR
09/26/02 11:08:16 AM
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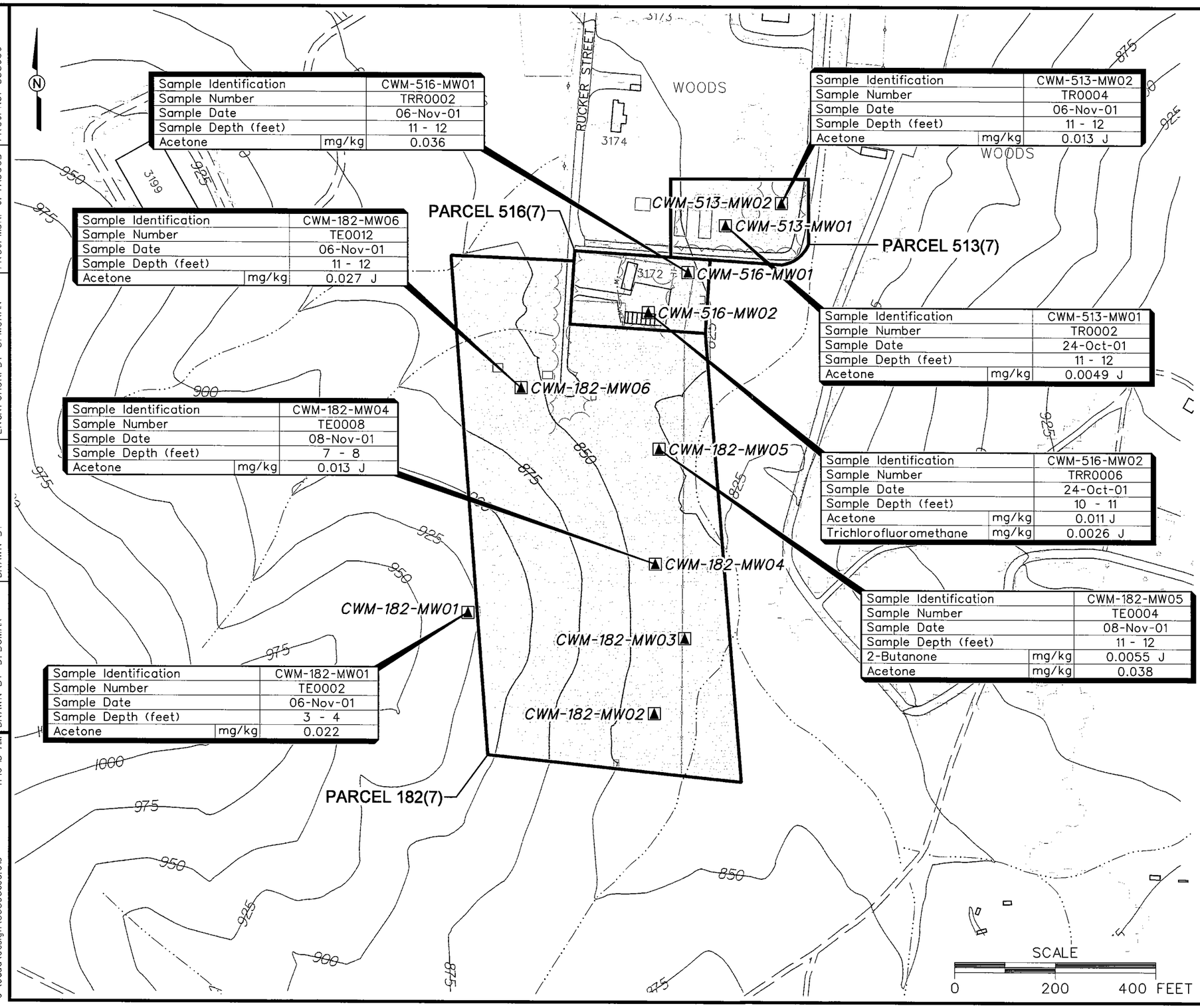
dbomar



Sample Identification		CWM-516-MW01
Sample Number		TRR0002
Sample Date		06-Nov-01
Sample Depth (feet)		11 - 12
Acetone	mg/kg	0.036

Sample Identification		CWM-513-MW02
Sample Number		TR0004
Sample Date		06-Nov-01
Sample Depth (feet)		11 - 12
Acetone	mg/kg	0.013 J

Sample Identification		CWM-182-MW06
Sample Number		TE0012
Sample Date		06-Nov-01
Sample Depth (feet)		11 - 12
Acetone	mg/kg	0.027 J

Sample Identification		CWM-513-MW01
Sample Number		TR0002
Sample Date		24-Oct-01
Sample Depth (feet)		11 - 12
Acetone	mg/kg	0.0049 J

Sample Identification		CWM-182-MW04
Sample Number		TE0008
Sample Date		08-Nov-01
Sample Depth (feet)		7 - 8
Acetone	mg/kg	0.013 J

Sample Identification		CWM-516-MW02
Sample Number		TRR0006
Sample Date		24-Oct-01
Sample Depth (feet)		10 - 11
Acetone	mg/kg	0.011 J
Trichlorofluoromethane	mg/kg	0.0026 J

Sample Identification		CWM-182-MW05
Sample Number		TE0004
Sample Date		08-Nov-01
Sample Depth (feet)		11 - 12
2-Butanone	mg/kg	0.0055 J
Acetone	mg/kg	0.038

Sample Identification		CWM-182-MW01
Sample Number		TE0002
Sample Date		06-Nov-01
Sample Depth (feet)		3 - 4
Acetone	mg/kg	0.022

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- UTILITY POLE
- GROUNDWATER, SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- J — COMPOUND WAS POSITIVELY IDENTIFIED; REPORTED VALUE IS AN ESTIMATED CONCENTRATION
- mg/kg — MILLIGRAMS PER KILOGRAM

NOTES:

1. ALL VOC RESULTS IN SUBSURFACE SOIL WERE BELOW THEIR RESPECTIVE SSSLs.
2. "B"-FLAGGED DATA NOT SHOWN.

FIGURE 2-14
VOCs SUBSURFACE SOIL
PARCELS 182(7), 513(7), AND 516(7)
TRAINING AREA T-5 SITES

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FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

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DWG. NO.: ...\838936es.019 | PROJ. NO.: 838936
INITIATOR: J. REMO | PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY: | ENGR. CHCK. BY: S. MORAN
DATE LAST REV.: | DRAWN BY:
STARTING DATE: 09/18/02 | DRAWN BY: D. BOMAR
09/26/02 11:10:18 AM
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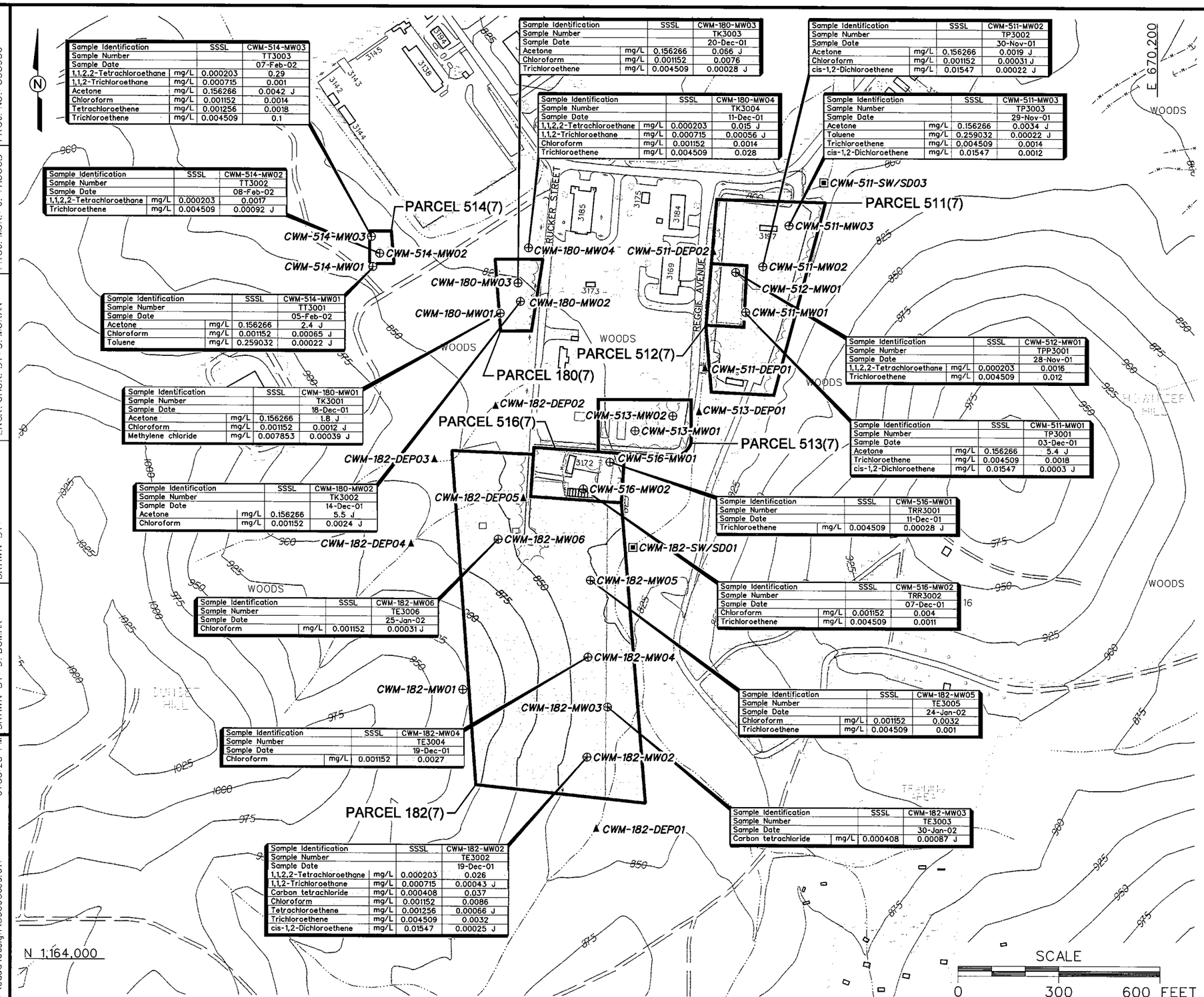
dbomar



Sample Identification		SSSL	CWM-514-MW03
Sample Number			TT3003
Sample Date			07-Feb-02
1,1,2,2-Tetrachloroethane	mg/L	0.000203	0.29
1,1,2-Trichloroethane	mg/L	0.000715	0.001
Acetone	mg/L	0.156266	0.0042 J
Chloroform	mg/L	0.001152	0.0014
Tetrachloroethene	mg/L	0.001256	0.0018
Trichloroethene	mg/L	0.004509	0.1

Sample Identification		SSSL	CWM-514-MW02
Sample Number			TT3002
Sample Date			08-Feb-02
1,1,2,2-Tetrachloroethane	mg/L	0.000203	0.0017
Trichloroethene	mg/L	0.004509	0.00092 J

Sample Identification		SSSL	CWM-514-MW01
Sample Number			TT3001
Sample Date			05-Feb-02
Acetone	mg/L	0.156266	2.4 J
Chloroform	mg/L	0.001152	0.00065 J
Toluene	mg/L	0.259032	0.00022 J

Sample Identification		SSSL	CWM-180-MW01
Sample Number			TK3001
Sample Date			18-Dec-01
Acetone	mg/L	0.156266	1.8 J
Chloroform	mg/L	0.001152	0.0012 J
Methylene chloride	mg/L	0.007853	0.00039 J

Sample Identification		SSSL	CWM-180-MW02
Sample Number			TK3002
Sample Date			14-Dec-01
Acetone	mg/L	0.156266	5.5 J
Chloroform	mg/L	0.001152	0.0024 J

Sample Identification		SSSL	CWM-182-MW06
Sample Number			TE3006
Sample Date			25-Jan-02
Chloroform	mg/L	0.001152	0.00031 J

Sample Identification		SSSL	CWM-182-MW04
Sample Number			TE3004
Sample Date			19-Dec-01
Chloroform	mg/L	0.001152	0.0027

Sample Identification		SSSL	CWM-182-MW02
Sample Number			TE3002
Sample Date			19-Dec-01
1,1,2,2-Tetrachloroethane	mg/L	0.000203	0.026
1,1,2-Trichloroethane	mg/L	0.000715	0.00043 J
Carbon tetrachloride	mg/L	0.000408	0.037
Chloroform	mg/L	0.001152	0.0086
Tetrachloroethene	mg/L	0.001256	0.00066 J
Trichloroethene	mg/L	0.004509	0.0032
cis-1,2-Dichloroethene	mg/L	0.01547	0.00025 J

Sample Identification		SSSL	CWM-180-MW03
Sample Number			TK3003
Sample Date			20-Dec-01
Acetone	mg/L	0.156266	0.066 J
Chloroform	mg/L	0.001152	0.0076
Trichloroethene	mg/L	0.004509	0.00028 J

Sample Identification		SSSL	CWM-180-MW04
Sample Number			TK3004
Sample Date			11-Dec-01
1,1,2,2-Tetrachloroethane	mg/L	0.000203	0.015 J
1,1,2-Trichloroethane	mg/L	0.000715	0.00056 J
Chloroform	mg/L	0.001152	0.0014
Trichloroethene	mg/L	0.004509	0.028

Sample Identification		SSSL	CWM-511-MW02
Sample Number			TP3002
Sample Date			30-Nov-01
Acetone	mg/L	0.156266	0.0019 J
Chloroform	mg/L	0.001152	0.00031 J
cis-1,2-Dichloroethene	mg/L	0.01547	0.00022 J

Sample Identification		SSSL	CWM-511-MW03
Sample Number			TP3003
Sample Date			29-Nov-01
Acetone	mg/L	0.156266	0.0034 J
Toluene	mg/L	0.259032	0.00022 J
Trichloroethene	mg/L	0.004509	0.0014
cis-1,2-Dichloroethene	mg/L	0.01547	0.0012

Sample Identification		SSSL	CWM-512-MW01
Sample Number			TPP3001
Sample Date			28-Nov-01
1,1,2,2-Tetrachloroethane	mg/L	0.000203	0.0016
Trichloroethene	mg/L	0.004509	0.012

Sample Identification		SSSL	CWM-511-MW01
Sample Number			TP3001
Sample Date			03-Dec-01
Acetone	mg/L	0.156266	5.4 J
Trichloroethene	mg/L	0.004509	0.0018
cis-1,2-Dichloroethene	mg/L	0.01547	0.0003 J

Sample Identification		SSSL	CWM-516-MW01
Sample Number			TRR3001
Sample Date			11-Dec-01
Trichloroethene	mg/L	0.004509	0.00028 J

Sample Identification		SSSL	CWM-516-MW02
Sample Number			TRR3002
Sample Date			07-Dec-01
Chloroform	mg/L	0.001152	0.004
Trichloroethene	mg/L	0.004509	0.0011

Sample Identification		SSSL	CWM-182-MW05
Sample Number			TE3005
Sample Date			24-Jan-02
Chloroform	mg/L	0.001152	0.0032
Trichloroethene	mg/L	0.004509	0.001

Sample Identification		SSSL	CWM-182-MW03
Sample Number			TE3003
Sample Date			30-Jan-02
Carbon tetrachloride	mg/L	0.000408	0.00087 J

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- UTILITY POLE
- RESIDUUM MONITORING WELL LOCATION
- SURFACE WATER/SEDIMENT SAMPLE LOCATION
- DEPOSITIONAL SOIL SAMPLE LOCATION
- mg/L — MILLIGRAMS PER LITER
- J — COMPOUND WAS POSITIVELY IDENTIFIED; REPORTED VALUE IS AN ESTIMATED CONCENTRATION
- CONCENTRATION EXCEEDS SSSL

NOTE:

1. "B"-FLAGGED DATA NOT SHOWN.

FIGURE 2-15
VOCs DETECTED IN GROUNDWATER
TRAINING AREA T-5 SITES
PARCELS 180(7), 182(7), 511(7), 512(7), 513(7), 514(7), AND 516(7)

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DWG. NO.: ...\838936es.014 | PROJ. NO.: 838936
INITIATOR: J. REMO | PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY: | ENGR. CHCK. BY: S. MORAN
DATE LAST REV.: | DRAWN BY:
STARTING DATE: 09/23/02 | DRAWN BY: D. BOMAR
09/26/02 01:55:28 PM
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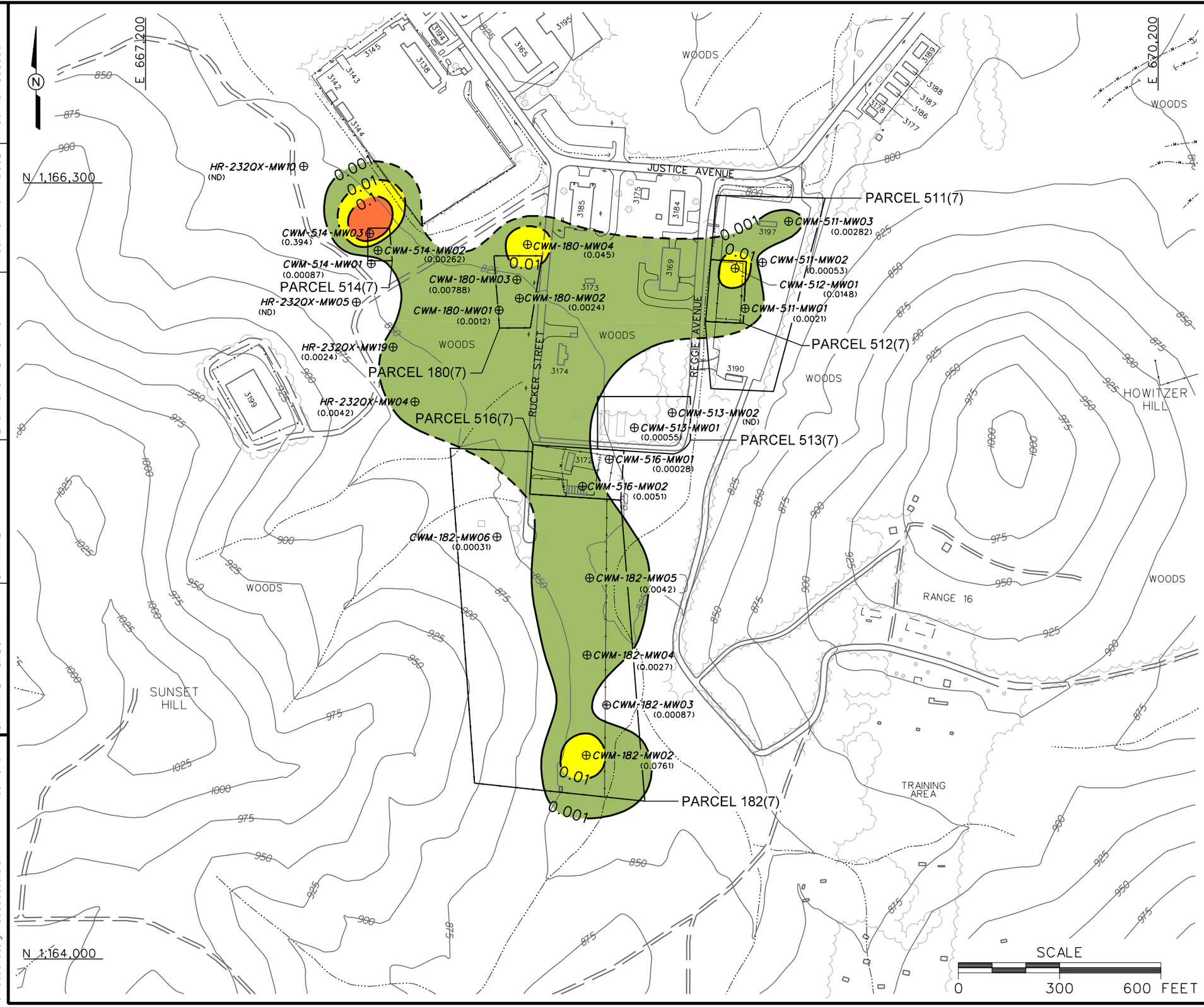

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- UTILITY POLE
- RESIDUUM MONITORING WELL LOCATION
- 0.1 TOTAL CHLORINATED CONCENTRATION (mg/L) (DASHED WHERE INFERRED)
- mg/L MICROGRAMS PER LITER
- ND NOT DETECTED

NOTE:

1. TOTAL CHLORINATED CONCENTRATIONS EXCLUDE, "B"-FLAGGED AND METHYLENE CHLORIDE RESULTS.

FIGURE 2-16
TOTAL CHLORINATED VOC CONCENTRATIONS IN GROUNDWATER TRAINING AREA T-5 SITES PARCELS 180(7), 182(7), 511(7), 512(7), 513(7), 514(7), AND 516(7)

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INITIATOR: D. ALLAN | PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY: | ENGR. CHCK. BY: S. MORAN
DATE LAST REV.: | DRAWN BY:
STARTING DATE: 09/23/02 | DRAWN BY: D. BOMAR
09/27/02 09:45:16 AM
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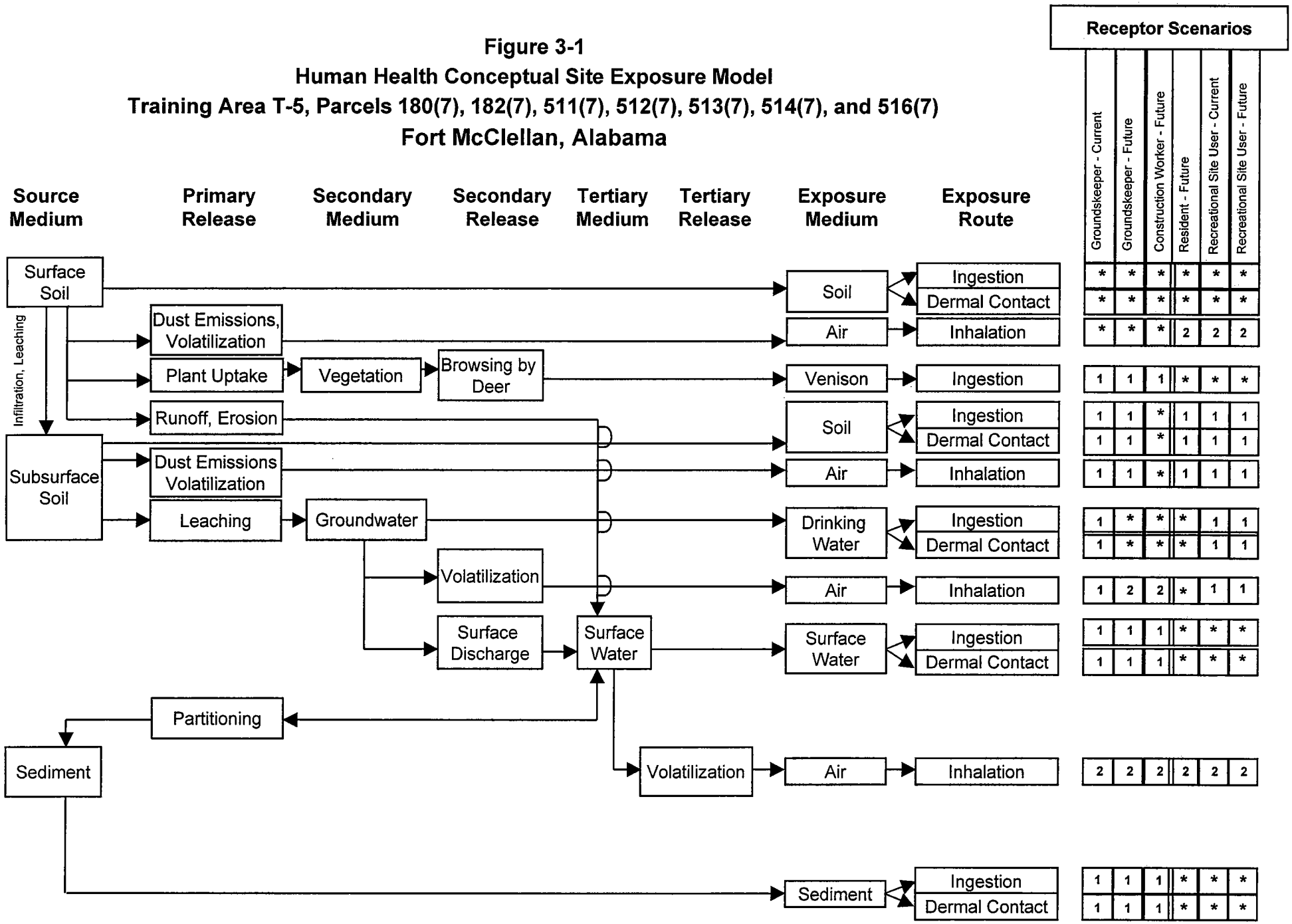
Figure 3-1
Human Health Conceptual Site Exposure Model
Training Area T-5, Parcels 180(7), 182(7), 511(7), 512(7), 513(7), 514(7), and 516(7)
Fort McClellan, Alabama



* = Complete exposure pathway evaluated in the streamlined risk assessment.
1 = Incomplete exposure pathway.
2 = Although theoretically complete, this pathway is judged to be insignificant and is not evaluated in the streamlined risk assessment.

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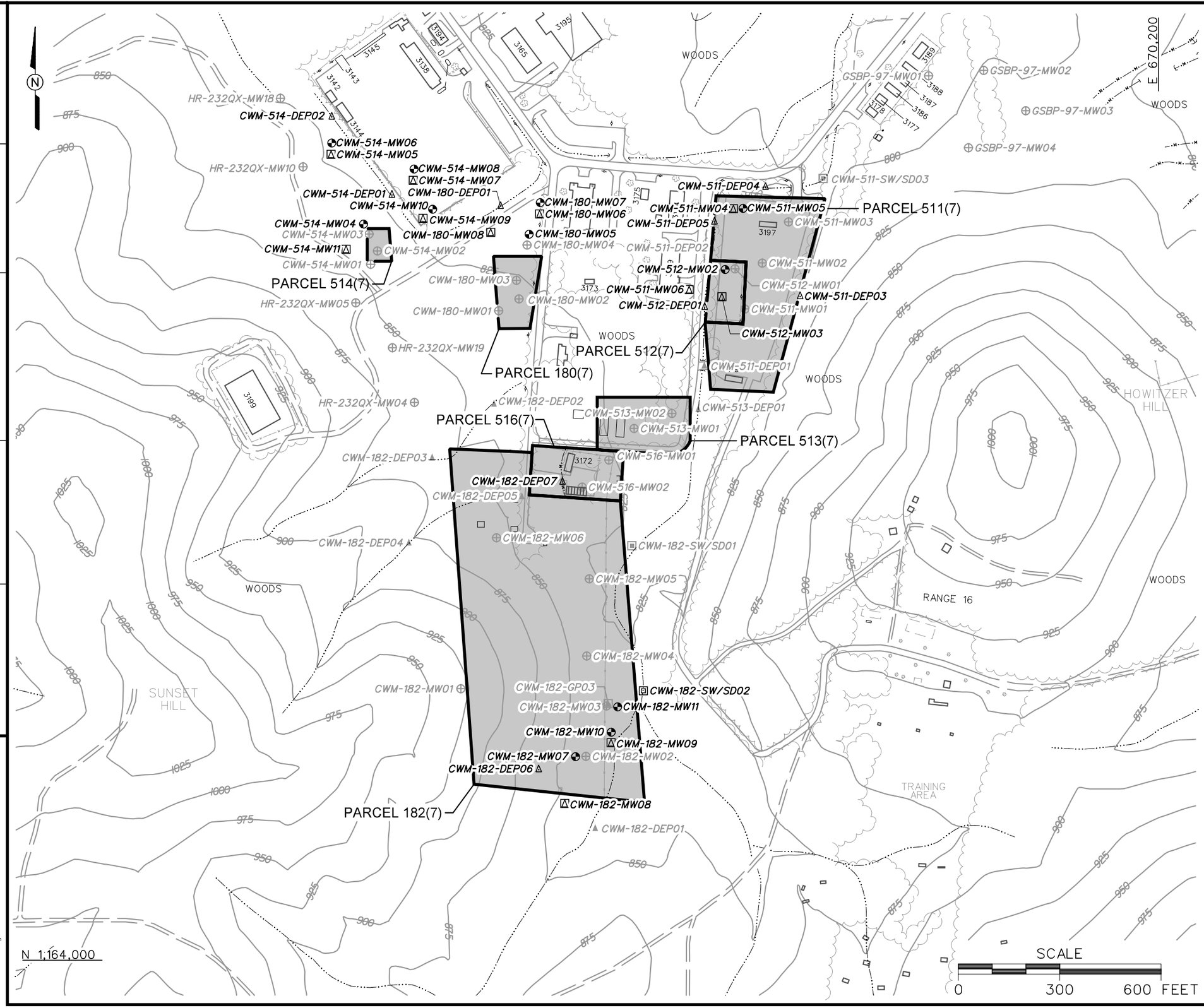

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- CULVERT WITH HEADWALL
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- UTILITY POLE
- EXISTING SURFACE WATER/SEDIMENT SAMPLE LOCATION
- EXISTING RESIDUUM MONITORING WELL LOCATION
- EXISITNG DEPOSITIONAL SOIL SAMPLE LOCATION
- PROPOSED RESIDUUM MONITORING WELL / GROUNDWATER, SURFACE, AND SUBSURFACE SOIL SAMPLE LOCATION
- PROPOSED BEDROCK MONITORING WELL LOCATION
- PROPOSED SURFACE WATER/SEDIMENT SAMPLE LOCATION
- PROPOSED DEPOSITIONAL SOIL SAMPLE LOCATION

FIGURE 4-1
PROPOSED RI SAMPLE LOCATION MAP
TRAINING AREA T-5 SITES
PARCELS 180(7), 182(7), 511(7), 512(7), 513(7), 514(7), AND 516(7)

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MOBILE DISTRICT
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DWG. NO.: ...\838936ES.016 | PROJ. NO.: 838936
INITIATOR: D. ALLAN | PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY: | ENGR. CHCK. BY: S. MORAN
DATE LAST REV.: | DRAWN BY:
STARTING DATE: 04/11/02 | DRAWN BY: D. BOMAR
09/24/02 03:27:31 PM
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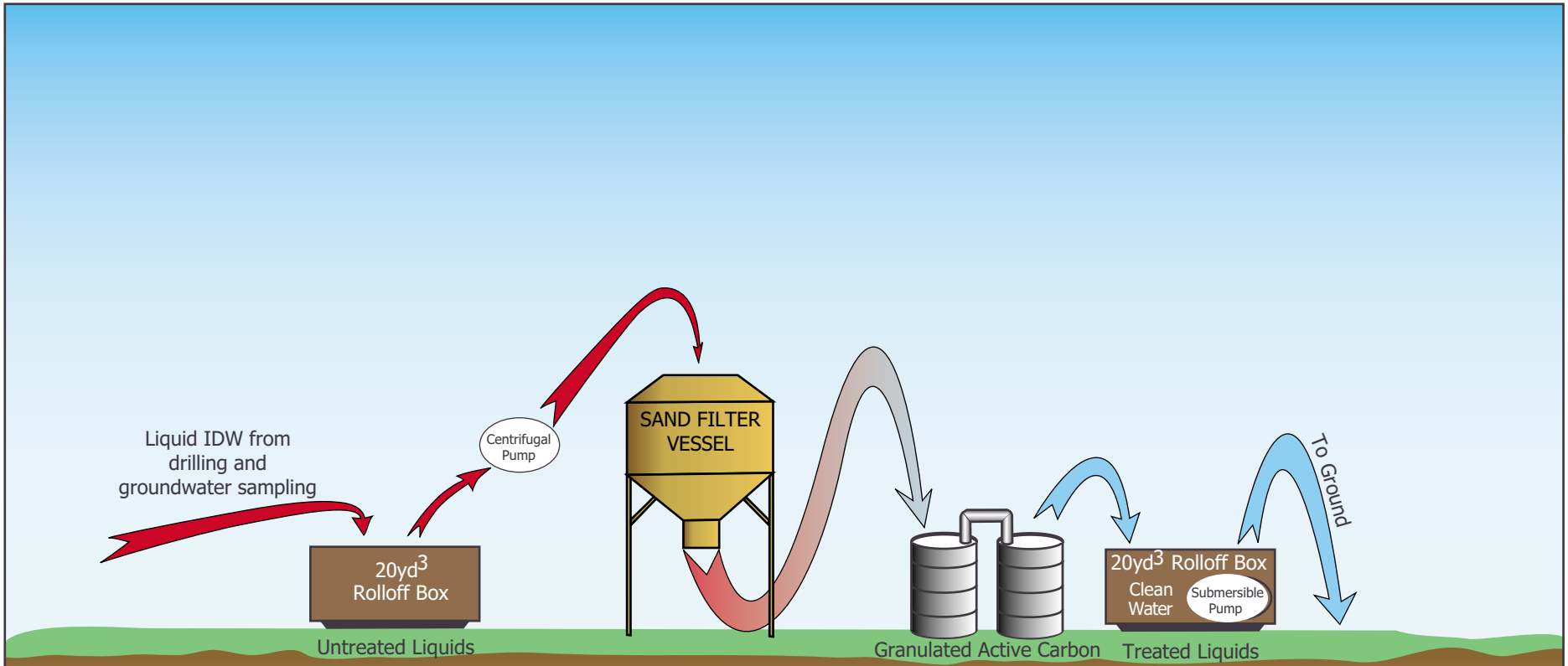

FIGURE 4-2
IDW Disposal Option for Drilling at Training Area T-5 Sites, Parcels 180(7), 182(7), 511(7), 512(7), 513(7), 514(7), and 516(7)
Fort McClellan, Alabama

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