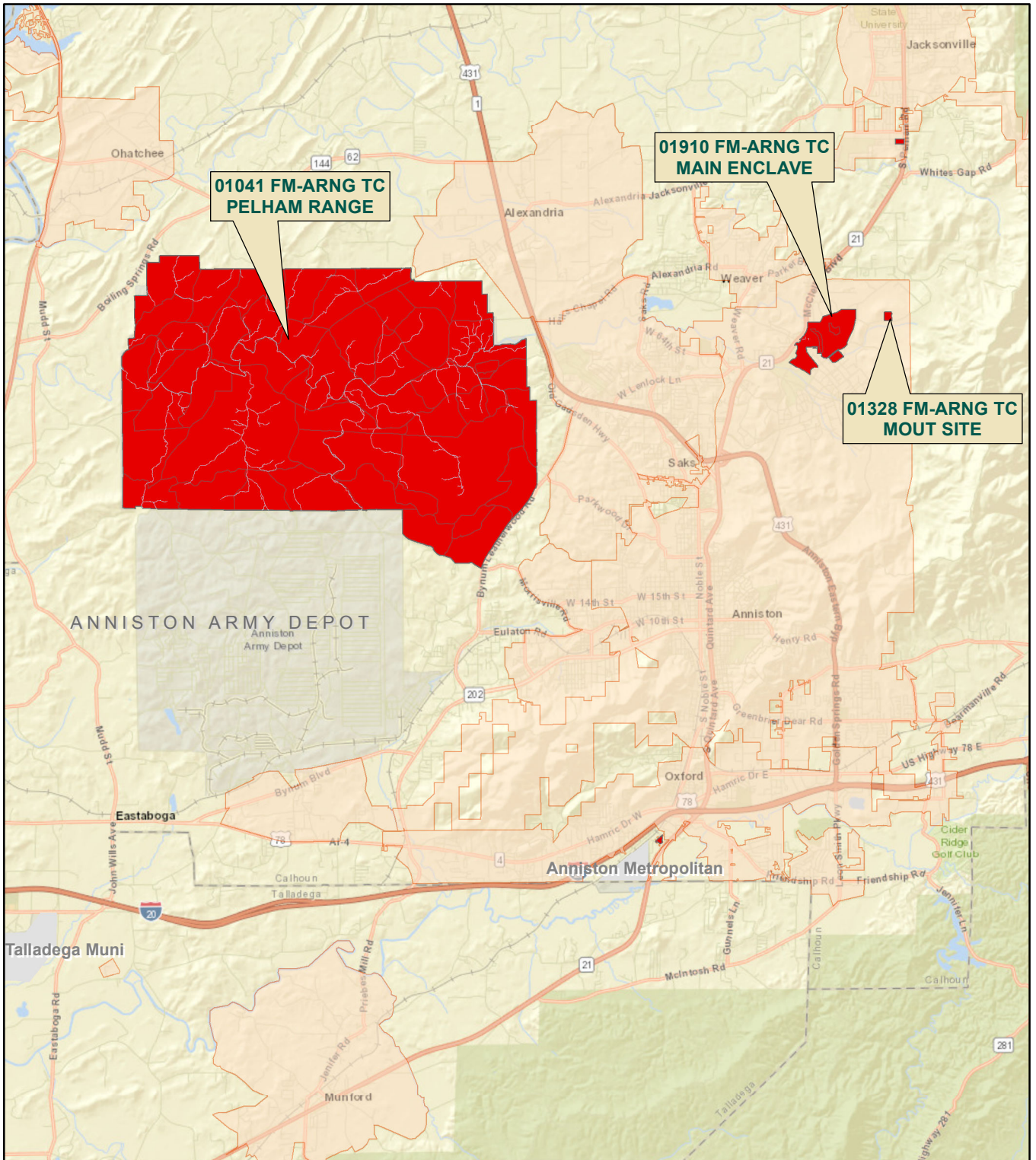


APPENDIX M
FIGURES

Figure 1

Location of FM-ARNGTC



Transportation

- Primary Limited Access or Interstate
- Primary US and State Highways
- Secondary State and County
- Local or Rural road
- Railroads
- Rivers

Boundaries

- AL ARNG SITE
- Anniston Army Depot
- Airport Areas
- National Park - Forest
- State Park or Forest
- City Area

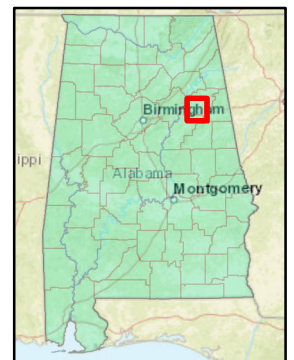
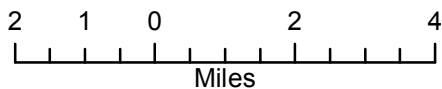
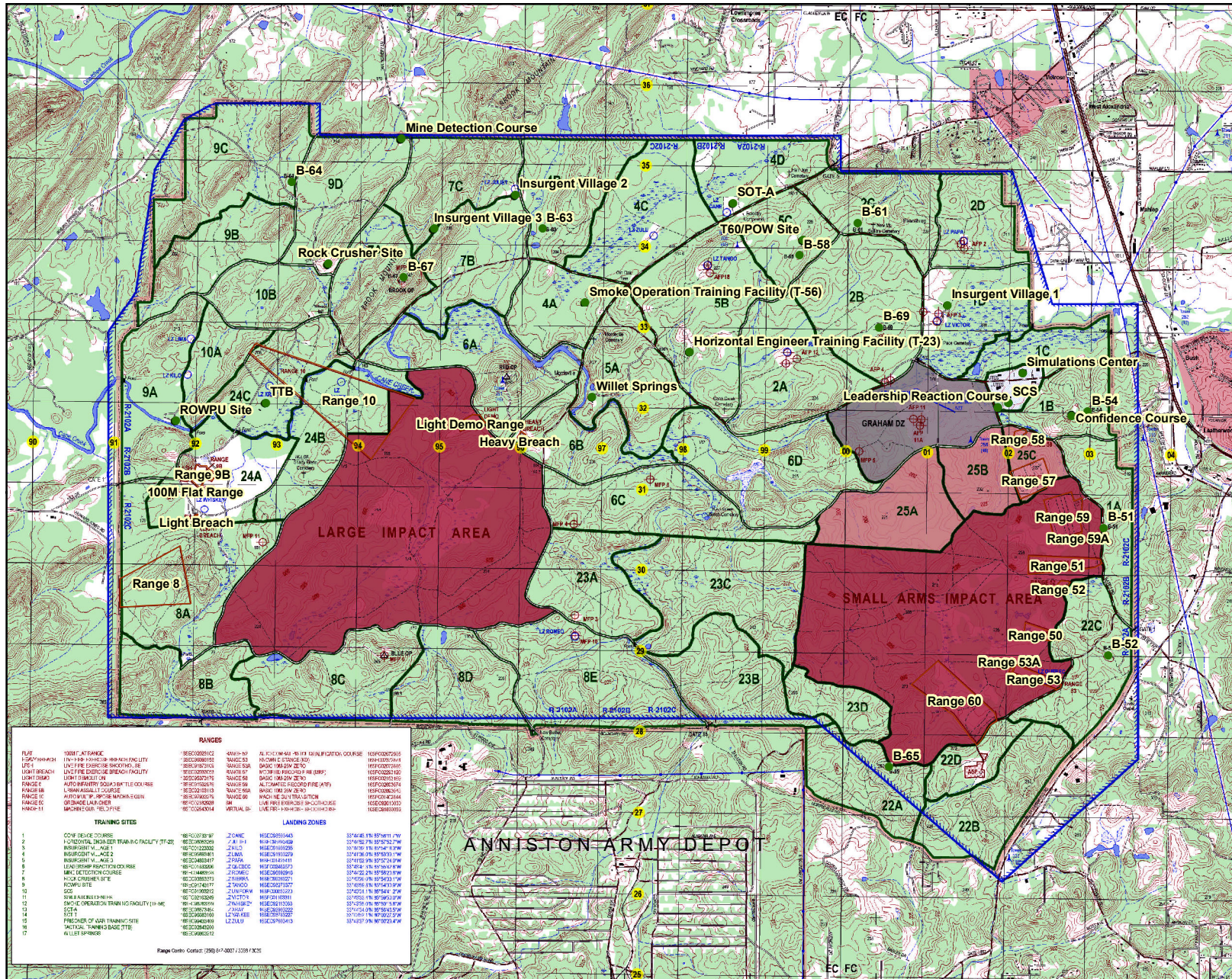


Figure 2
Pelham Range Land Use
and Training Areas



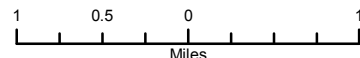
MILITARY LEGEND

**MILITARY OVERPRINT INFORMATION
AS OF 10-17**

- ACCESS CONTROL POINT
- R-2102A AIRSPACE (RESTRICTED)
- AMMUNITION STORAGE AREA
- B-69 BIVOUAC SITE
- CANTONMENT
- GRAHAM DZ DROP ZONE
- FIRING POINT
- FIRING RANGE
- IMPACT AREA (DUDDED)
- IMPACT AREA (SMALL ARMS)
- LANDING ZONE
- OBSERVATION POINT
- TRAINING AREA BOUNDARY
- TRAINING SITE



RANGES			
FLUR	100M AT RANGE	185C0000102	4000-69
FLP1	100M AT RANGE	185C0000102	4000-69
FLP2	100M AT RANGE	185C0000102	4000-69
FLP3	100M AT RANGE	185C0000102	4000-69
FLP4	100M AT RANGE	185C0000102	4000-69
FLP5	100M AT RANGE	185C0000102	4000-69
FLP6	100M AT RANGE	185C0000102	4000-69
FLP7	100M AT RANGE	185C0000102	4000-69
FLP8	100M AT RANGE	185C0000102	4000-69
FLP9	100M AT RANGE	185C0000102	4000-69
FLP10	100M AT RANGE	185C0000102	4000-69
FLP11	100M AT RANGE	185C0000102	4000-69
FLP12	100M AT RANGE	185C0000102	4000-69
FLP13	100M AT RANGE	185C0000102	4000-69
FLP14	100M AT RANGE	185C0000102	4000-69
FLP15	100M AT RANGE	185C0000102	4000-69
FLP16	100M AT RANGE	185C0000102	4000-69
FLP17	100M AT RANGE	185C0000102	4000-69
FLP18	100M AT RANGE	185C0000102	4000-69
FLP19	100M AT RANGE	185C0000102	4000-69
FLP20	100M AT RANGE	185C0000102	4000-69
FLP21	100M AT RANGE	185C0000102	4000-69
FLP22	100M AT RANGE	185C0000102	4000-69
FLP23	100M AT RANGE	185C0000102	4000-69
FLP24	100M AT RANGE	185C0000102	4000-69
FLP25	100M AT RANGE	185C0000102	4000-69
FLP26	100M AT RANGE	185C0000102	4000-69
FLP27	100M AT RANGE	185C0000102	4000-69
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FLP31	100M AT RANGE	185C0000102	4000-69
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FLP33	100M AT RANGE	185C0000102	4000-69
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FLP35	100M AT RANGE	185C0000102	4000-69
FLP36	100M AT RANGE	185C0000102	4000-69
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FLP79	100M AT RANGE	185C0000102	4000-69
FLP80	100M AT RANGE	185C0000102	4000-69
FLP81	100M AT RANGE	185C0000102	4000-69
FLP82	100M AT RANGE	185C0000102	4000-69
FLP83	100M AT RANGE	185C0000102	4000-69
FLP84	100M AT RANGE	185C0000102	4000-69
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FLP86	100M AT RANGE	185C0000102	4000-69
FLP87	100M AT RANGE	185C0000102	4000-69
FLP88	100M AT RANGE	185C0000102	4000-69
FLP89	100M AT RANGE	185C0000102	4000-69
FLP90	100M AT RANGE	185C0000102	4000-69
FLP91	100M AT RANGE	185C0000102	4000-69
FLP92	100M AT RANGE	185C0000102	4000-69
FLP93	100M AT RANGE	185C0000102	4000-69
FLP94	100M AT RANGE	185C0000102	4000-69
FLP95	100M AT RANGE	185C0000102	4000-69
FLP96	100M AT RANGE	185C0000102	4000-69
FLP97	100M AT RANGE	185C0000102	4000-69
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FLP100	100M AT RANGE	185C0000102	4000-69



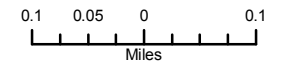
WGS 1984
UTM Zone 16N

FORT MCLELLAN (PELHAM RANGE) MILITARY INSTALLATION MAP V844S EDITION 2-SRP

Date: 1/2/2018

Figure 3
Main Enclave
Land Use

- ▲ Point of Interest
- Building
- ▭ Installation Boundary



Base Map: ESRI Street Map
Installation Data: AL ARNG GIS

Map By: Ann Ray
Date: 1/5/2018

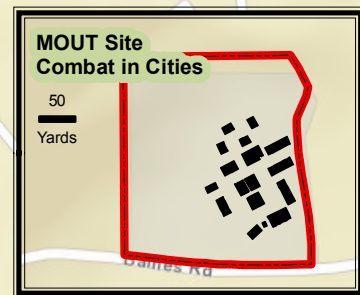
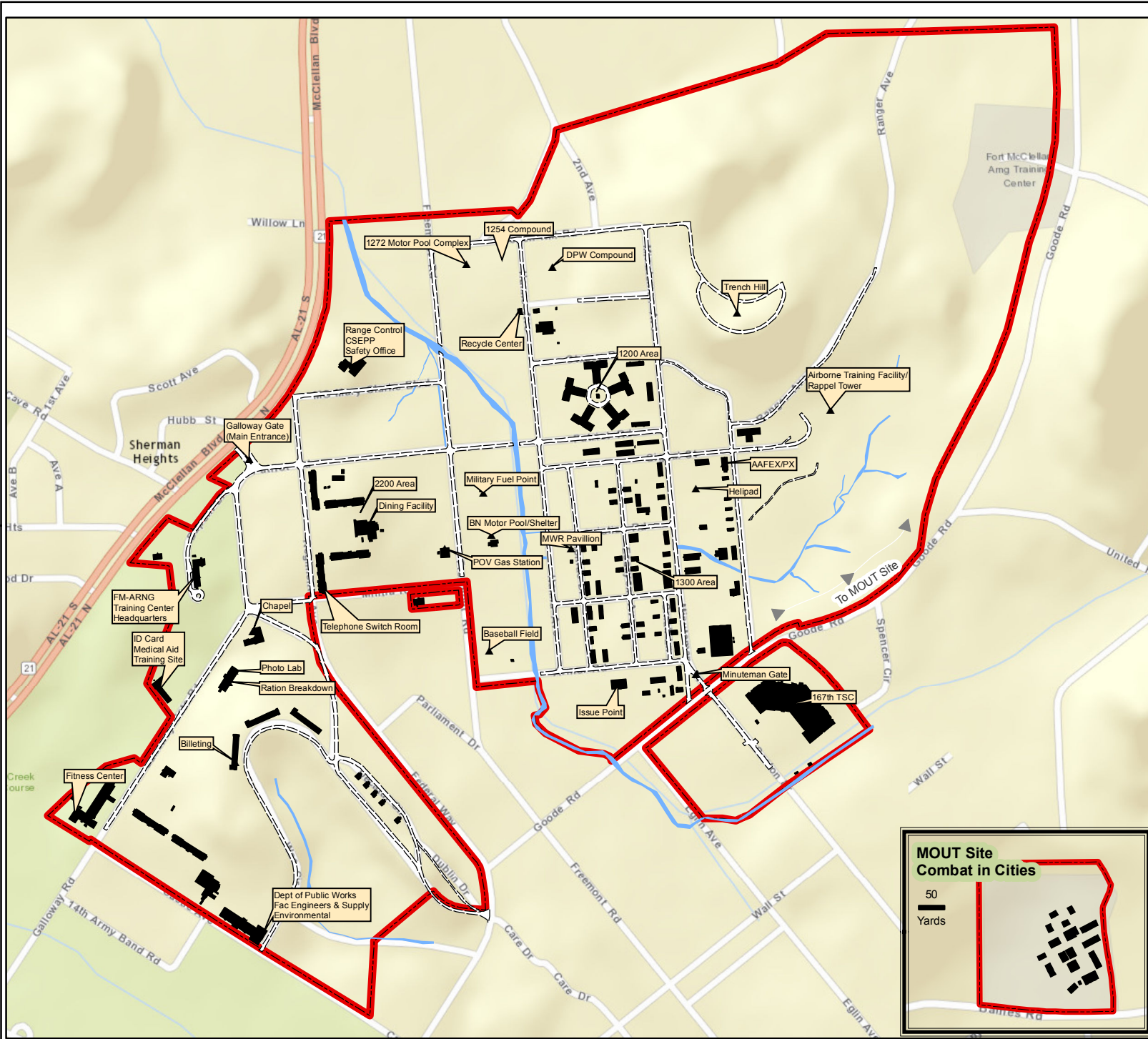
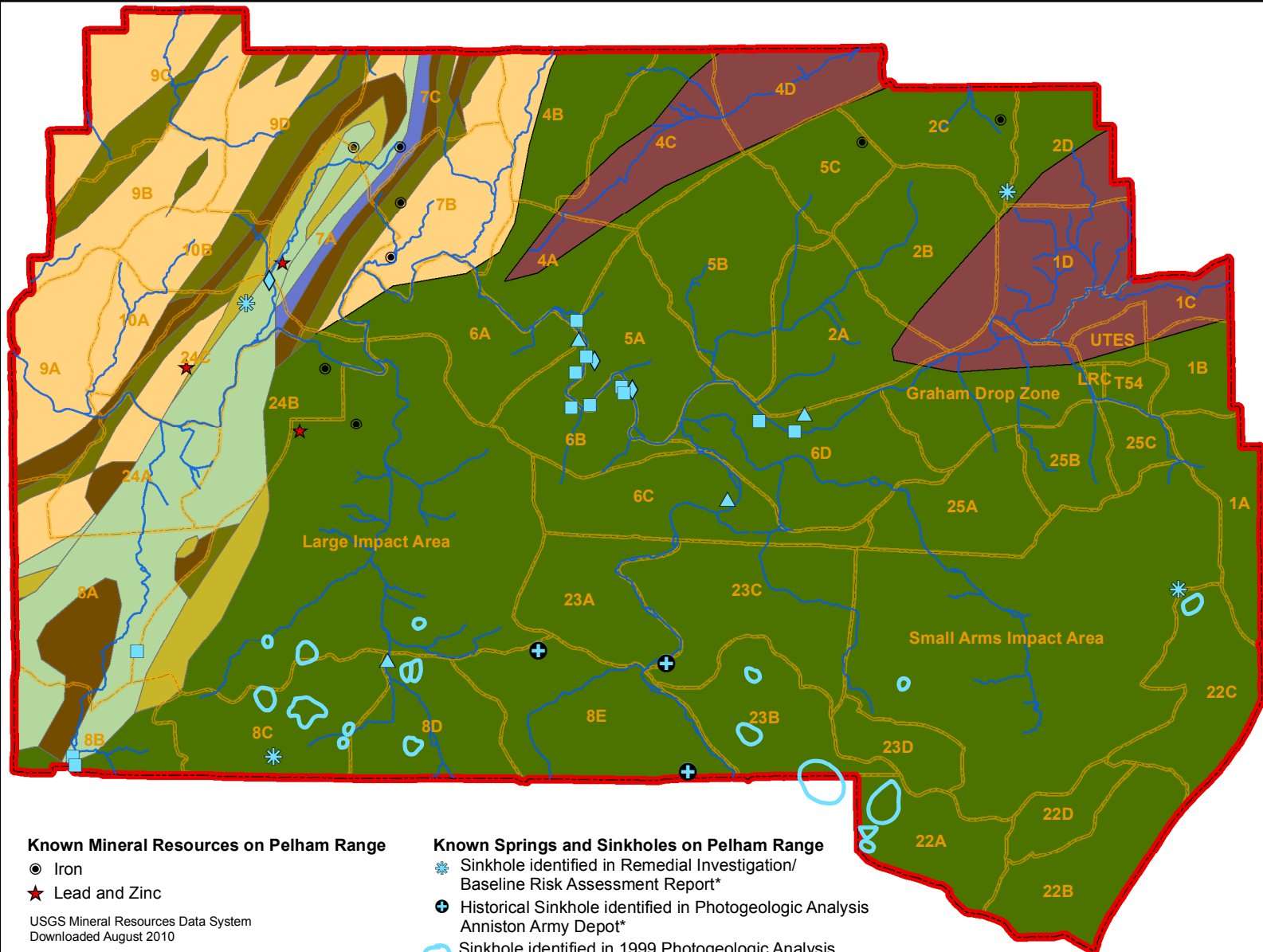
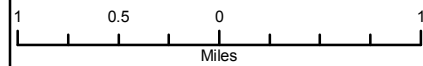


Figure 4a
Geology
of Pelham Range



- Cc Conasauga Formation
- Dfm Frog Mountain Sandstone
- Mtfp Tuscumbia Limestone and Fort Payne Chert undivided
- OCK Knox Group undifferentiated
- Oa Athens Shale
- On Newala Limestone
- Os Sequatchie Formation
- PMpwf Parkwood Formation and Floyd Shale undiff.
- Training Area Boundary
- Pelham Range Boundary



WGS 1984
UTM Zone 16N
Base Map: Geological Survey of Alabama Data Portal
accessed August 2010
Installation Data: AL ARNG GIS
Base Map: Esri World Street Map

Map By: Ann Ray
Date: 1/5/2018



Known Mineral Resources on Pelham Range

- Iron
- ★ Lead and Zinc

USGS Mineral Resources Data System
Downloaded August 2010

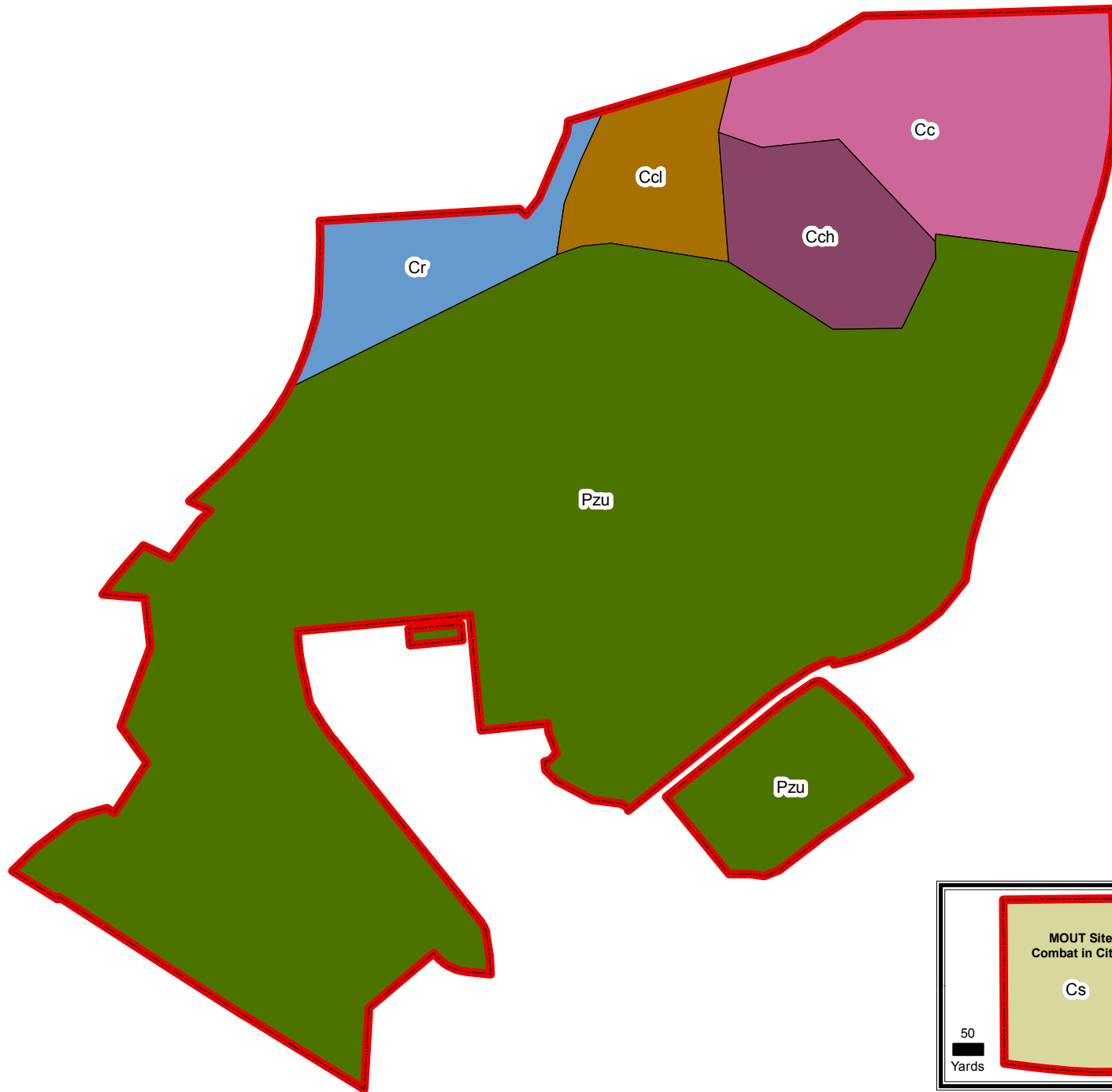
Known Springs and Sinkholes on Pelham Range

- ✱ Sinkhole identified in Remedial Investigation/
Baseline Risk Assessment Report*
- ⊕ Historical Sinkhole identified in Photogeologic Analysis
Anniston Army Depot*
- Sinkhole identified in 1999 Photogeologic Analysis
Anniston Army Depot*
- ▲ Spring identified in Remedial Investigation/Baseline
Risk Assessment Report*
- Spring identified in Receptor Sampling Locations Map at
Anniston Army Depot by SAIC*
- ◆ Spring identified in 2010 by FM ALRNG staff

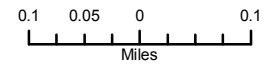
* Approximate locations derived by georeferencing Figure 10. Locations of Springs and Sinkholes on Pelham Range
"Revised Draft Preliminary Assessment No. 38-EH-1775-99 Fort McClellan Army National Guard Training Center
Fort McClellan, Alabama" 28 May-17 June 1999.



Figure 4b
Geology
of the
Main Enclave



- Geologic Formation**
- Cc Conasauga Formation
 - Cch Chilhowee Group undiff.
 - Ccl Conasauga Formation
 - Cr Rome Formation
 - Cs Shady Dolomite
 - Pzu Paleozoic shale undiff.
 - Installation Boundary



Base Map: Geological Survey of Alabama Data Portal,
Esri World Street Map
Installation Data: AL ARNG GIS

Map By: Ann Ray
Date: 1/5/2018

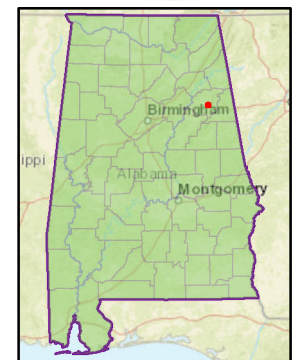
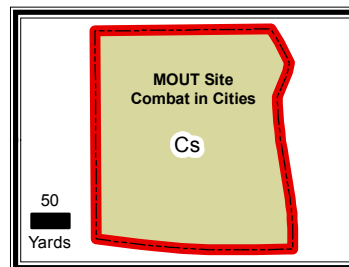
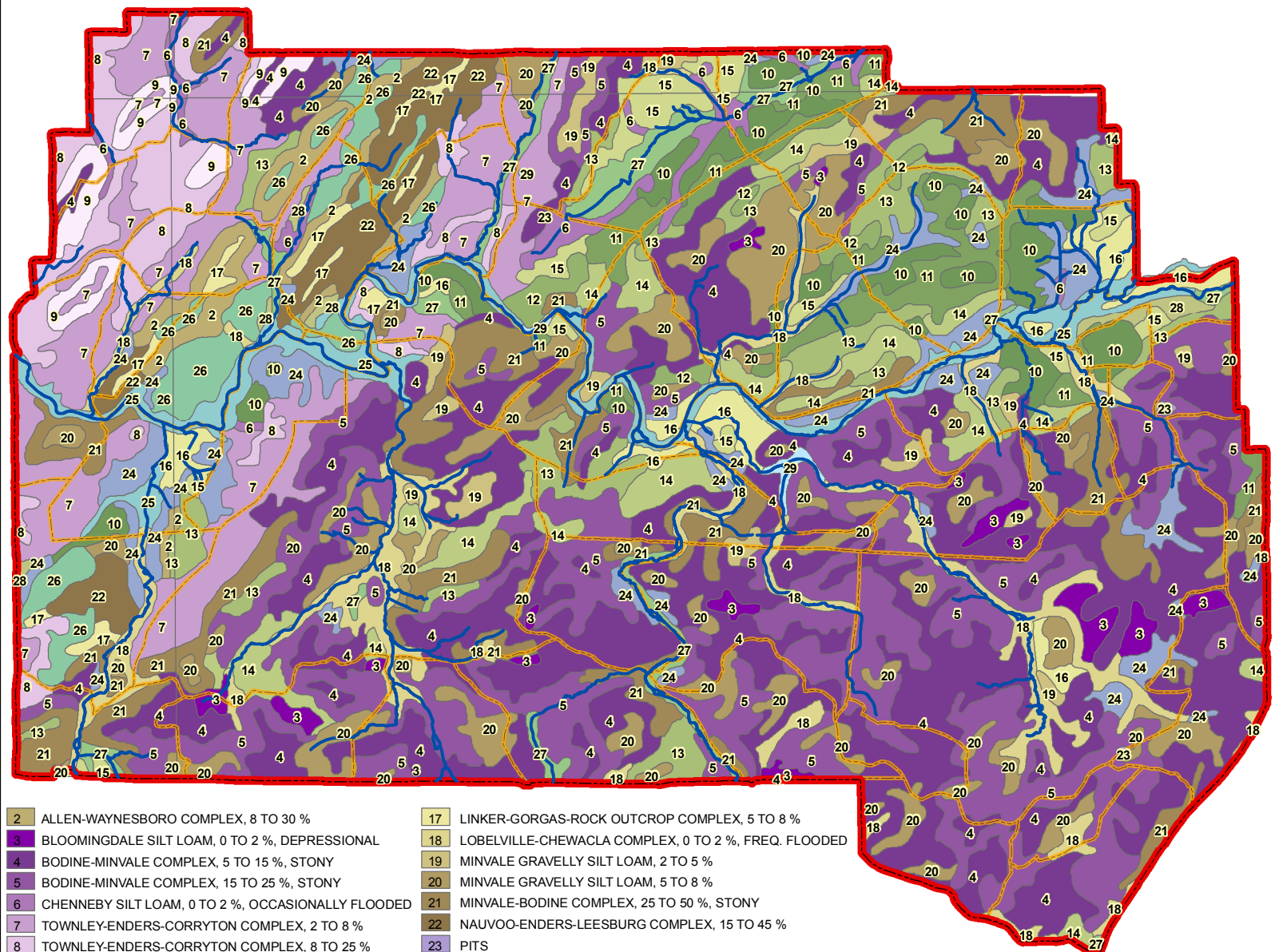


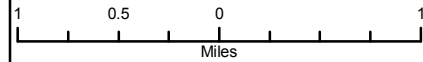


Figure 5a Soils of Pelham Range



 Training Area Boundary
 Pelham Range Boundary




NORTH
 WGS 1984
 UTM Zone 16N

Base Map: USDA Pelham Range
 Soil Survey 2002
 Installation Data: AL ARNG GIS
 Base Map: Esri World Street Map

Map By: Ann Ray
 Date: 1/5/2018



- | | |
|--|--|
| 2 ALLEN-WAYNESBORO COMPLEX, 8 TO 30 % | 17 LINKER-GORGAS-ROCK OUTCROP COMPLEX, 5 TO 8 % |
| 3 BLOOMINGDALE SILT LOAM, 0 TO 2 %, DEPRESSIONAL | 18 LOBELVILLE-CHEWACLA COMPLEX, 0 TO 2 %, FREQ. FLOODED |
| 4 BODINE-MINVALA COMPLEX, 5 TO 15 %, STONY | 19 MINVALE GRAVELLY SILT LOAM, 2 TO 5 % |
| 5 BODINE-MINVALA COMPLEX, 15 TO 25 %, STONY | 20 MINVALE GRAVELLY SILT LOAM, 5 TO 8 % |
| 6 CHENNEBY SILT LOAM, 0 TO 2 %, OCCASIONALLY FLOODED | 21 MINVALE-BODINE COMPLEX, 25 TO 50 %, STONY |
| 7 TOWNLEY-ENDERS-CORRYTON COMPLEX, 2 TO 8 % | 22 NAUVOO-ENDERS-LEESBURG COMPLEX, 15 TO 45 % |
| 8 TOWNLEY-ENDERS-CORRYTON COMPLEX, 8 TO 25 % | 23 PITS |
| 9 CORRYTON-ENDERS COMPLEX, 15 TO 40 % | 24 TASSO LOAM, 0 TO 3 % |
| 10 DECATUR LOAM, 2 TO 5 % | 25 TOCCOA, PRUITTON, AND CHEWACLA SOILS, 0 TO 2 %, FREQ. FLOODED |
| 11 DECATUR LOAM, 5 TO 8 % | 26 WAYNESBORO-ALLEN COMPLEX, 2 TO 8 % |
| 12 DEWEY SILT LOAM, 2 TO 5 % | 27 WEHADKEE-BLOOMINGDALE COMPLEX, 0 TO 2 %, FREQ. FLOODED |
| 13 DEWEY-FULLERTON COMPLEX, 5 TO 8 % | 28 WOLFFTEVER SILT LOAM, 0 TO 2 % |
| 14 DEWEY-MINVALA COMPLEX, 8 TO 15 % | 29 WATER |
| 15 ETOWAH LOAM, 2 TO 5 % | |
| 16 HAMBLEN, PRUITTON, AND KETONA SOILS, 0 TO 2 %, OCCASIONALLY FLOODED | |

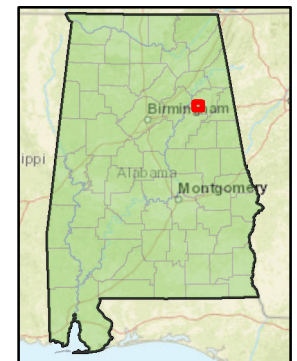

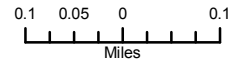


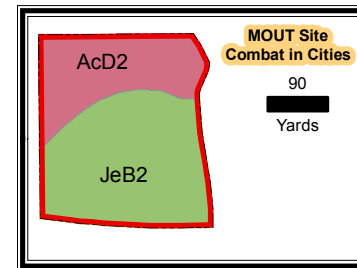
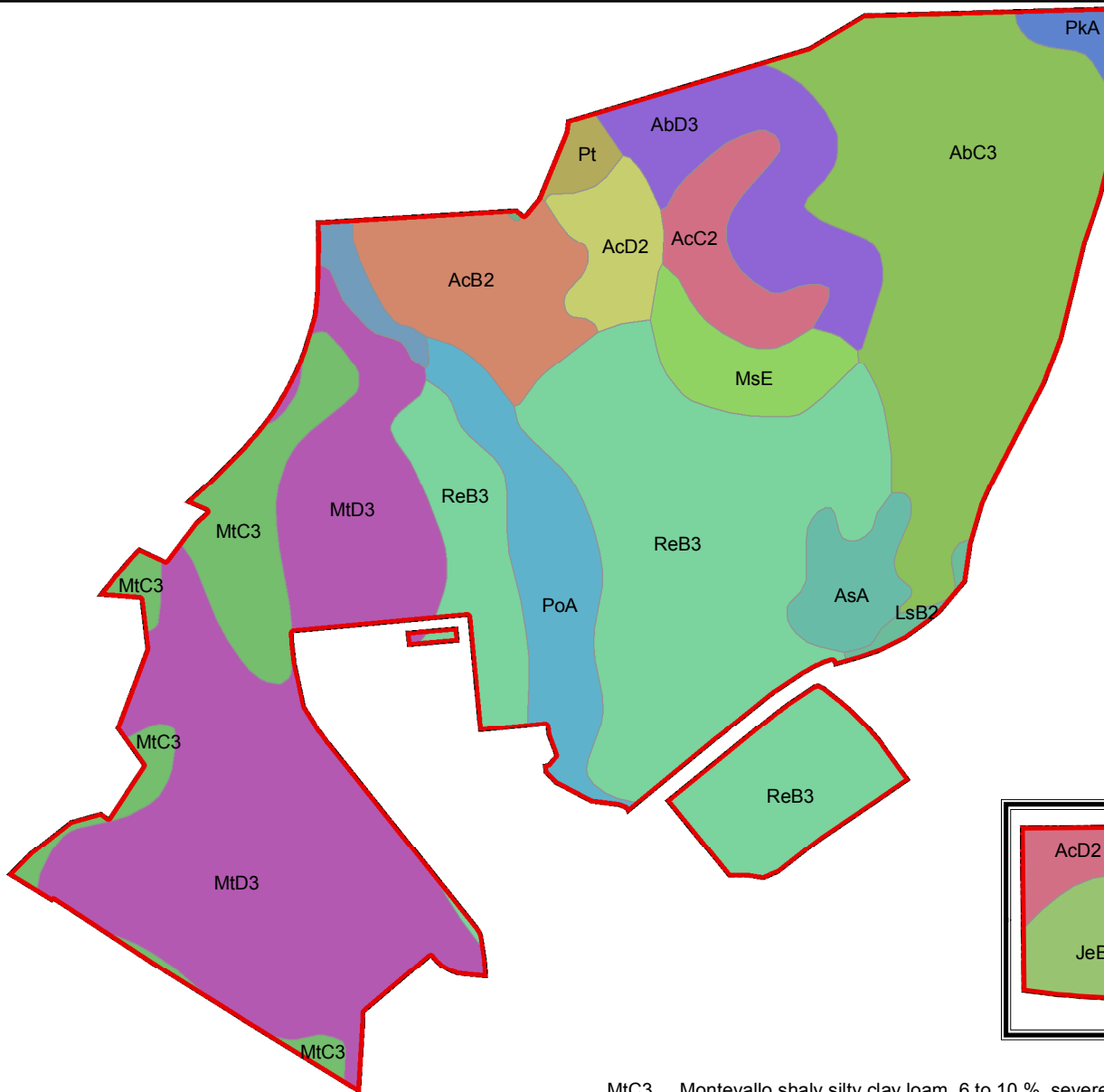
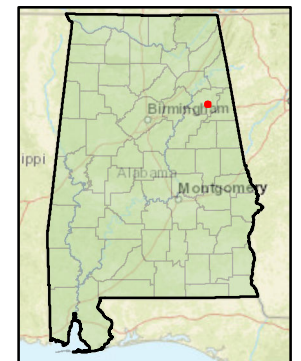
Figure 5b
Soils
of the
Main Enclave

 Installation Boundary



Data Sources: SSURGO Calhoun County Soils Data
accessed January 2017
Base map: Esri World Street Map
Installation Data: AL ARNG GIS

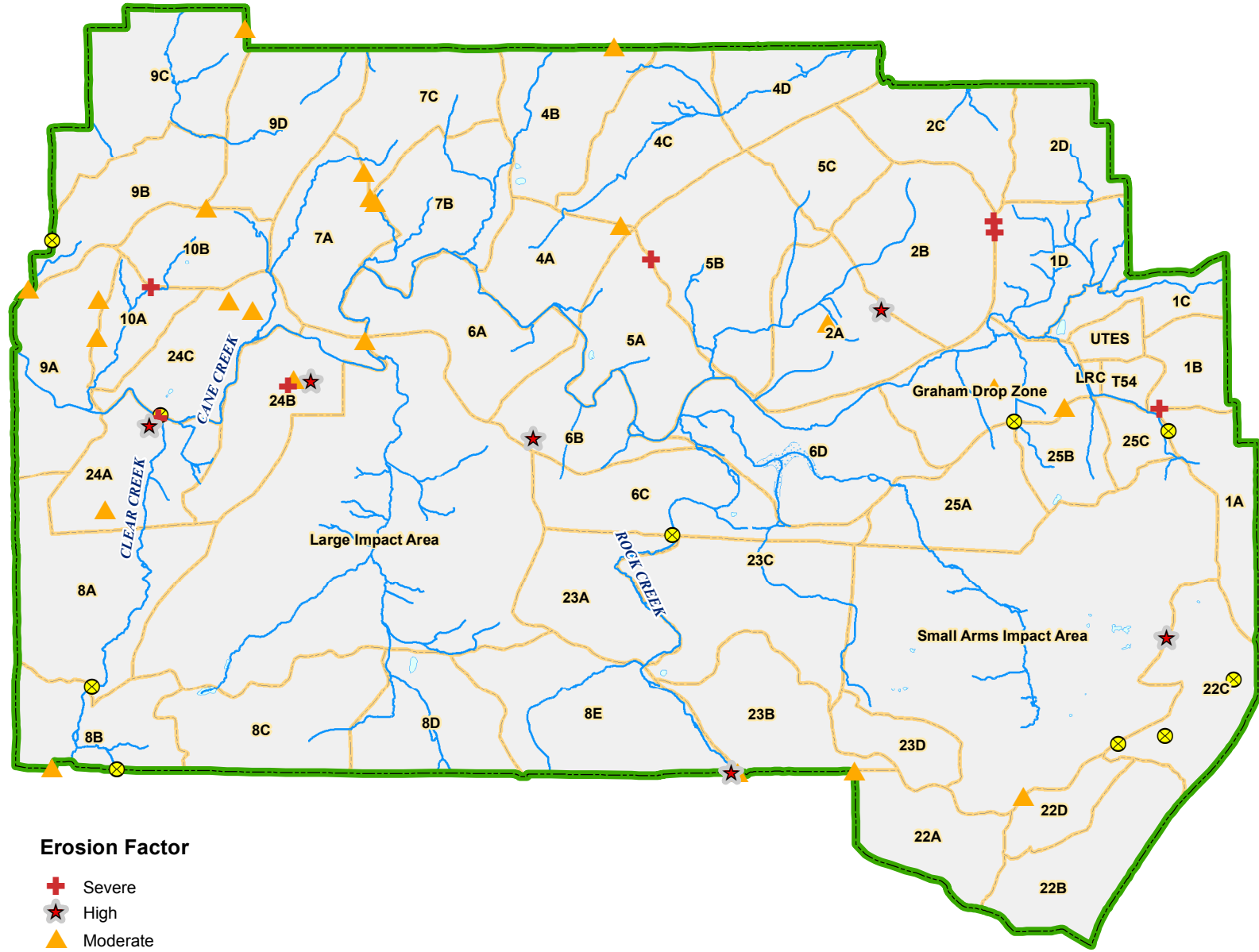
Map By: Ann Ray
Date: 1/5/2018





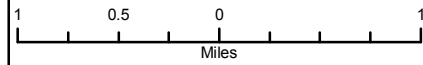
AbD3 Anniston gravelly clay loam, 10 to 15 %, s everely eroded
AcB2 Anniston and Allen gravelly loams, 2 to 6 %, eroded
AcC2 Anniston and Allen gravelly loams, 6 to 10 %,eroded
AcD2 Anniston and Allen gravelly loams, 10 to 15 , eroded
AsA Atkins and Stendal soils, local alluvium, 0 to 2 % slopes
JeB2 Jefferson gravelly fine sandy loam, 2 to 6 %, eroded
LsB2 Locust gravelly fine sandy loam, 2 to 6 % slopes
MsE Montevallo shaly silt loam, 15 to 40 % slopes

MtC3 Montevallo shaly silty clay loam, 6 to 10 %, severely eroded
MtD3 Montevallo shaly silty clay loam, 10 to 40 %, severely eroded
PhA Philo and Stendal fine sandy loams, 0 to 2 % slopes
PkA Philo and Stendal soils, local alluvium, 0 to 2 % slopes
PoA Pope fine sandy loam, 0 to 2 % slopes
Pt Pits, sand, and gravel
PuA Purdy silt loam, 0 to 2 % slopes
ReB3 Rarden silty clay loam, shallow, 2 to 6 %, severely eroded
TyA Tyler silt loam, 0 to 2 % slopes

Figure 6
Erosion
on Pelham Range



 Training Area Boundary
 Pelham Range Boundary








NORTH
 WGS 1984
 UTM Zone 16N

Installation Data: AL ARNG GIS
 Base Map: Esri World Street Map

Map By: Ann Ray
 Date: 1/5/2018



Erosion Factor

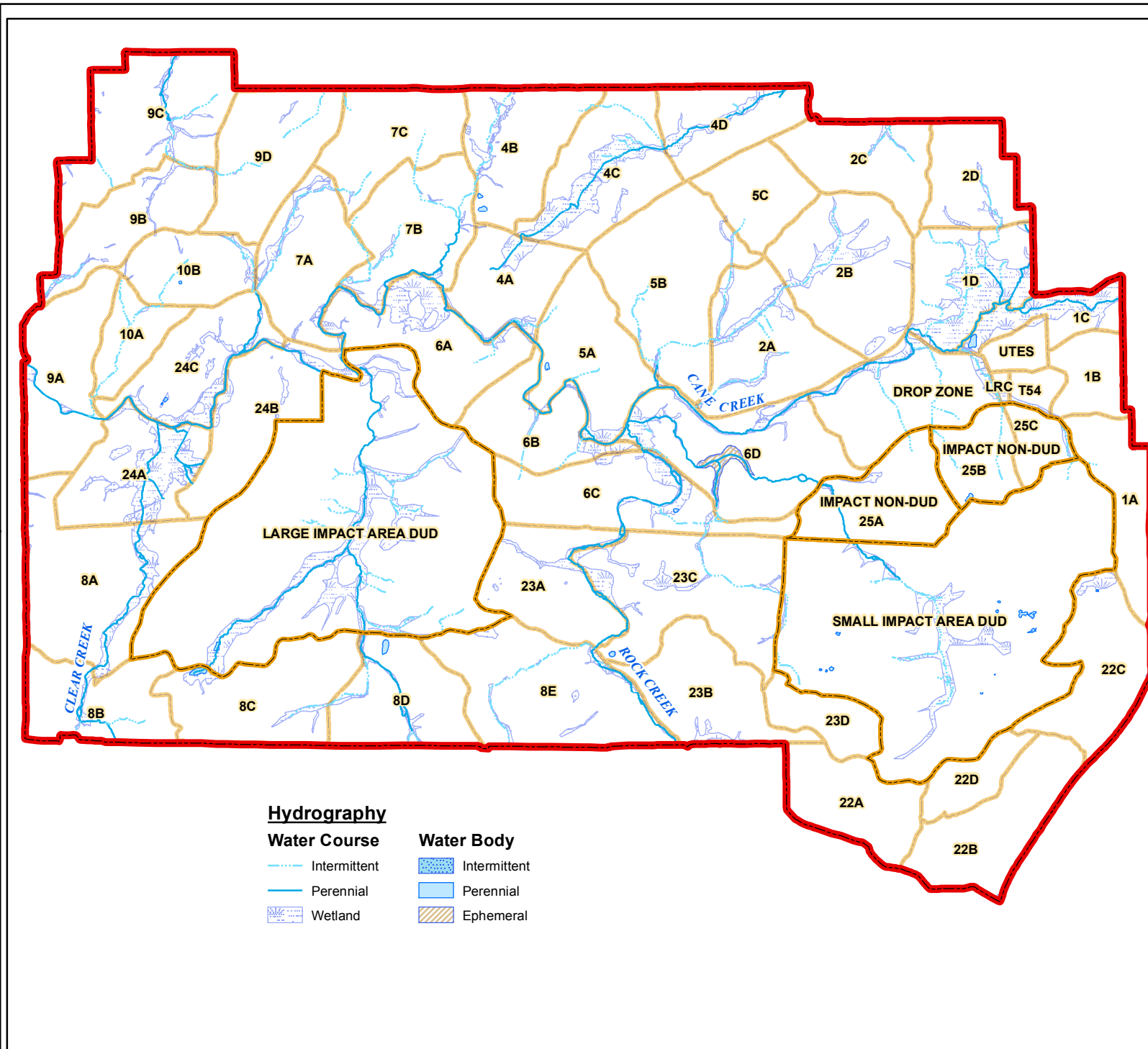
-  Severe
-  High
-  Moderate
-  Low



Erosion GIS Data Deliverable Associated with "Soil Erosion Management Plan (SEMP), Fort McClellan Army National Guard Training Center, Pelham Range and Main Enclave, Calhoun County, Alabama". Prepared by Thompson Engineering 2014.

Erosion not limited to point location.



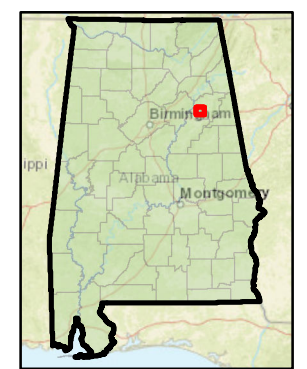
Figure 7a
Wetlands and Waterbodies
on Pelham Range



 Training Area Boundary
 Pelham Range Boundary



WGS 1984
 UTM Zone 16N
 Installation Data: AL ARNG GIS
 Base Map: Esri World Street Map
 Map By: Ann Ray
 Date: 1/5/2018








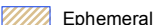

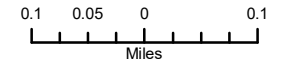
<u>Hydrography</u>	
Water Course	Water Body
 Intermittent	 Intermittent
 Perennial	 Perennial
 Wetland	 Ephemeral

Figure 7b
FORT McCLELLAN
AL ARNG TRAINING CENTER
Main Enclave
Wetlands and Waterbodies

 Installation Boundary







WGS 1984
 UTM Zone 16N

Installation Data: AL ARNG GIS
 Basemaps: Esri World Street Map,
 World Topographic Map

Map By: Rebecca Turley Ridley
 Date: 2021-04-01



Hydrography

-  Undetermined Permanence
-  Perennial
-  Intermittent
-  Wetland

