

**FINAL  
OPERATIONAL RANGE ASSESSMENT PROGRAM  
PHASE I QUALITATIVE ASSESSMENT REPORT  
BOLIVAR LOCAL TRAINING AREA  
BOLIVAR, TENNESSEE**

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MARCH 2008

Prepared for:

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## EXECUTIVE SUMMARY

The United States (U.S.) Army is conducting qualitative assessments at operational ranges to meet the requirements of Department of Defense policy and to support the U.S. Army Sustainable Range Program. The operational range qualitative assessment (hereinafter referred to as Phase I Assessment) is the first phase of the U.S. Army Operational Range Assessment Program. This Phase I Assessment evaluates the operational range area at Bolivar Local Training Area (LTA) to assess whether further investigation is needed to determine if potential munitions constituents of concern (MCOC) are or could be migrating off-range at levels that may pose an unacceptable risk to human health or the environment. In conducting the Phase I Assessment, MCOC sources, potential off-range migration pathways, and potential off-range human and ecological receptors are evaluated as appropriate.

Bolivar LTA encompasses approximately 170 acres in Hardeman County, Tennessee (TN). The installation is located approximately 28 miles south/southwest of Jackson, TN on State Route 18. According to the Army Range Inventory Database-Geodatabase from 2006, one light training and maneuver area is present on site and encompasses the entire 170 acres.

A review of the available records and background data, as well as interviews with Tennessee Army National Guard personnel, indicated that the range at Bolivar LTA has never been used for training involving military munitions (live-fire or non-live-fire). The light training and maneuver area at Bolivar LTA was established in 1989. After being established, the training area was never used for maneuver training. Because this range has not been used for munitions or maneuver training, there are no potential sources of MCOC. Therefore, potential off-range migration pathways and potential off-range human and ecological receptors were not evaluated, and the range at Bolivar LTA is categorized as Unlikely.

Installations with operational ranges where no munitions or only small caliber blanks have been utilized are categorized as Unlikely. That is, based on a review of available information, there is sufficient evidence to show that due to the lack of munitions use there are no known releases or source-receptor interactions that could present an unacceptable risk to human health or the environment. Ranges categorized as Unlikely are required to be re-evaluated at least every five years. Re-evaluation may occur sooner if significant changes (e.g., change in range operations or site conditions, regulatory changes) occur that affect determinations made during this Phase I Assessment. **Table ES-1** summarizes the Phase I Assessment findings.

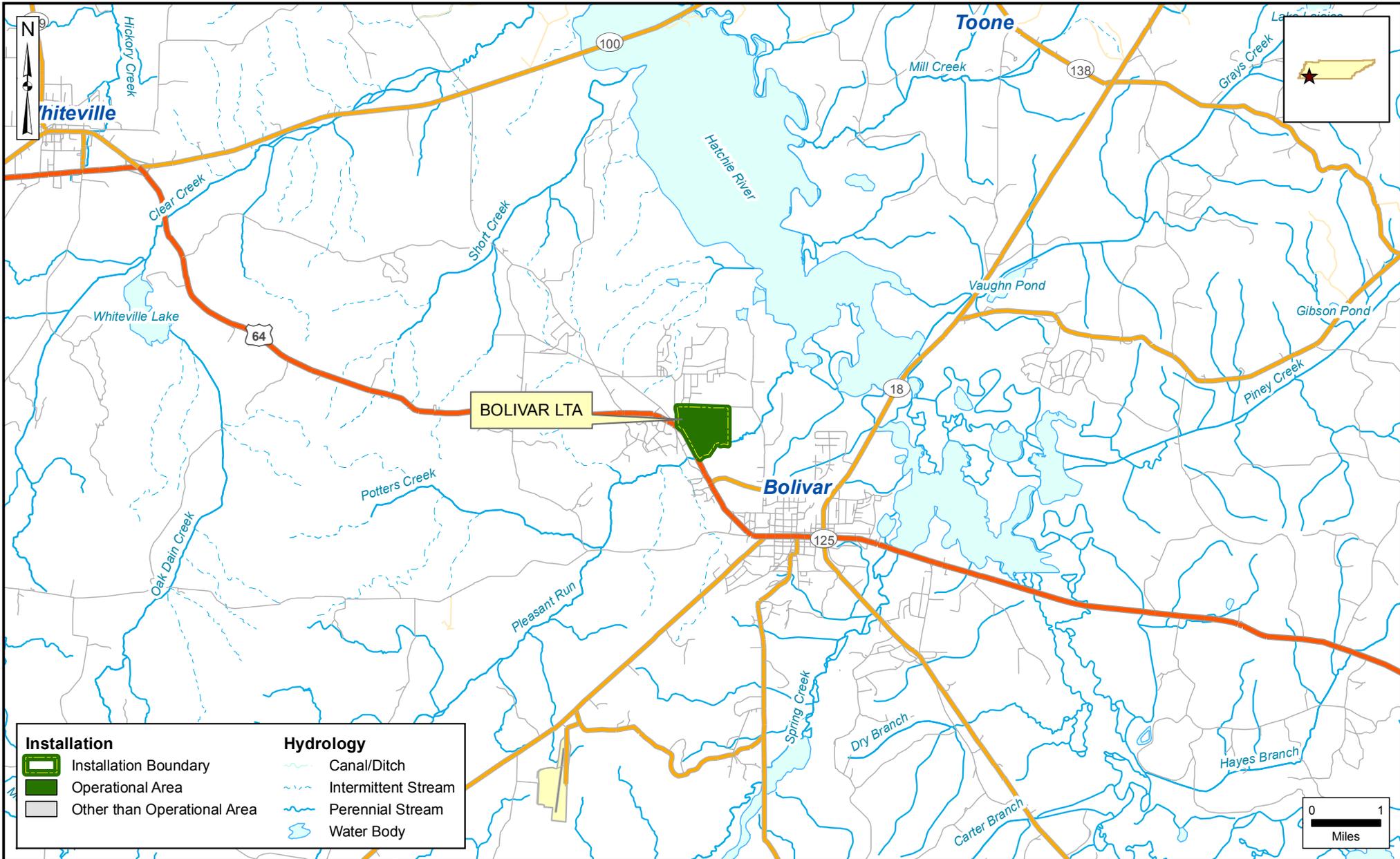
**Table ES-1: Summary of Findings and Conclusions for Bolivar LTA**

Category	Total Number of Ranges and Acreage	Source(s)	Pathways(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 170 acres	No source—no current or historical use of live-fire military munitions	Not evaluated (no source identified)		Re-evaluate during the five-year review.

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## ABBREVIATIONS/ACRONYMS

ARID-GEO	Army Range Inventory Database-Geodatabase
CSM	Conceptual Site Model
DoD	Department of Defense
ESRI	Environmental Systems Research Institute
JFHQ	Joint Forces Headquarters
LTA	Local Training Area
MCOG	Munitions Constituents of Concern
ORAP	Operational Range Assessment Program
TN	Tennessee
TNARNG	Tennessee Army National Guard
U.S.	United States
USACE	United States Army Corps of Engineers



**Operational Range Assessment Program  
Phase I Qualitative Assessment  
Bolivar LTA, TN**

**Figure 2-1  
General Location of Bolivar LTA**

Data Sources:  
AEC, ARID-GEO, December 2006  
ESRI, StreetMap USA, 2005

Date: ..... March 2008  
Prepared By: ..... Malcolm Pirnie, Inc.  
Prepared For: ..... U.S. Army  
Contract: ..... W912DR-05-D-0004

