

**FINAL  
OPERATIONAL RANGE ASSESSMENT PROGRAM  
PHASE I QUALITATIVE ASSESSMENT REPORT  
BEAVER LOCAL TRAINING AREA  
BEAVER, UTAH**

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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 Beaver Local Training Area (LTA) to assess whether further investigation is needed to determine if potential munitions constituents of concern (MCO) 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, MCO sources, potential off-range migration pathways, and potential off-range human and ecological receptors are evaluated as appropriate.

The Beaver LTA occupies approximately 660 acres in Beaver County, Utah. The LTA is approximately six and one-half miles west of the city of Beaver and 10 miles northeast of the town of Minersville. The LTA is leased to the Utah Army National Guard (UTARNG) by the School and Institutional Trust Lands Administration for the purpose of providing a training area for local units. The one operational range at Beaver LTA occupies all 660 acres. The primary unit conducting training at the LTA is the Service Battery of the 2<sup>nd</sup> Battalion, 222<sup>nd</sup> Field Artillery, headquartered in Cedar City, Utah. The Beaver LTA has had limited use since its establishment in 2004 due to the deployment of UTARNG units. Training at the LTA would typically occur approximately nine or fewer weekends per year. No live-fire or demolition training is allowed at the LTA per UTARNG policy.

The operational range at the Beaver LTA is categorized as Unlikely.

### **Unlikely – Five-Year Review**

The operational range at the Beaver LTA is categorized as Unlikely, totaling 660 acres. Ranges where, based upon a review of readily available information, there is sufficient evidence to show that there are no known releases or source-receptor interactions off-range that could present an unacceptable risk to human health or the environment are categorized as Unlikely. 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 the Beaver LTA**

Category	Total Number of Ranges and Acreage	Source(s)	Pathway(s)	Human Receptors	Ecological Receptors	Conclusions and Rationale
Unlikely	One operational range; 660 acres	Limited source – limited or no military munitions use	Not evaluated (limited source was identified)			Re-evaluate during the five-year review. Limited source was identified.

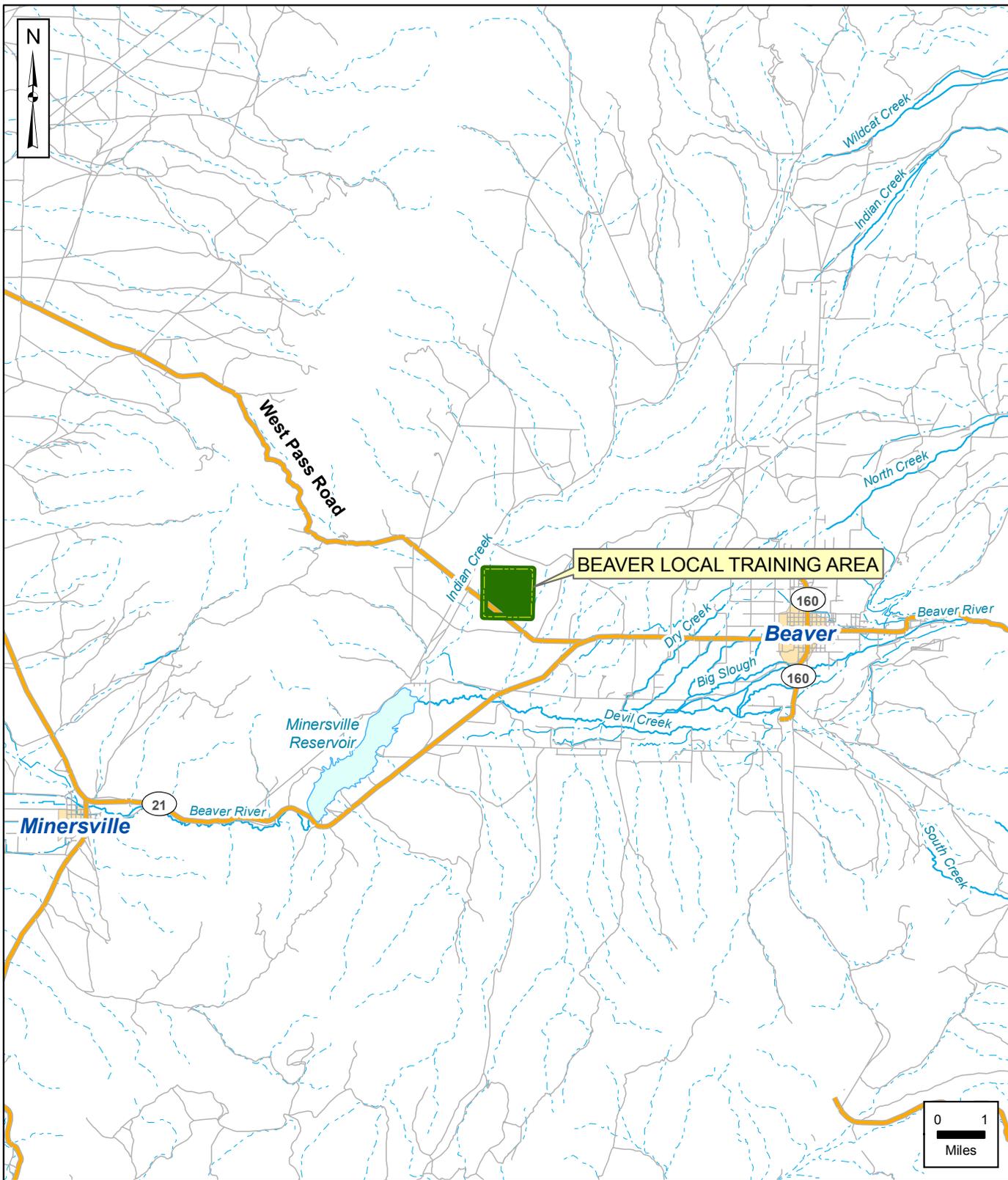
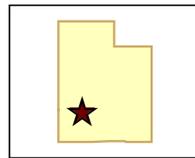
## ABBREVIATIONS/ACRONYMS

ARID-GEO	Army Range Inventory Database-Geodatabase
BGS	Below Ground Surface
CSM	Conceptual Site Model
DoD	Department of Defense
DODI	Department of Defense Instruction
E	Ecological receptors identified. (This refers to range grouping; pathway designation always precedes E designation.)
GW	Groundwater pathway identified. (This refers to range grouping; M designation always precedes GW designation.)
H	Human receptors identified. (This refers to range grouping; pathway designation always precedes H designation.)
LS	Limited Source
LTA	Local Training Area
M	Munitions used. (This refers to range grouping; M designation always precedes applicable pathway.)
MCOC	Munitions Constituents of Concern
MTA	Major Training Area
NGB	Army National Guard Bureau
ORAP	Operational Range Assessment Program
PU	Pathway unlikely or incomplete. (This refers to range grouping; M designation always precedes PU designation.)
SW	Surface water pathway identified. (This refers to range grouping; M designation always precedes SW designation.)
U.S.	United States
USACE	United States Army Corps of Engineers
USACHPPM	United States Army Center for Health Promotion and Preventive Medicine
USAEC	United States Army Environmental Command
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UT	Utah
UTARNG	Utah Army National Guard
°F	Degrees Fahrenheit



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**Operational Range Assessment Program  
Phase I Qualitative Assessment  
Beaver Local Training Area, UT  
Figure 1-1  
General Beaver Local Training Area Location**



**Installation**

-  Installation Boundary
-  Operational Area

**Hydrology**

-  River/Stream (Perennial)
-  Stream (Intermittent)
-  Canal/Ditch
-  Water Body

**Transportation**

-  Highway
-  Major Road
-  Local Road
-  Urbanized Area

Data Sources:  
Utah National Guard, 2002  
ESRI, StreetMap USA, 2005

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