



# ITEM OF INTEREST

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG.

2010-11-03-003 UXO / bra

**Strategic arena:**

Articles published, Signature Physics

**Ground-penetrating radar shows no evidence of high explosives at N.H. Air Force Station**

A leading journal for geophysical exploration, [Geophysics](#) has published an ERDC-Hanover written research article, '[GPR characterization of a lacustrine UXO site](#)' that concludes there's '...no evidence of the use of high explosive munitions at New Boston Air Force Station, [New Boston, N.H.](#)'

The article, co-authored by ERDC researchers Dr. Steven Arcone, David Finnegan and Ginger Boitnott describes research performed in 2006 to support site characterization of a lake that was used as a bombing range from 1942–1958 on the New Hampshire site.

Based upon profiles of undisturbed sub-bottom [stratigraphy](#), the authors were able to conclude that mainly practice bombs were used, with no evidence of the use of high explosive munitions. The research demonstrates ERDC's ability to characterize unique sites for unexploded ordnance, its expertise in geological and geophysical investigations and its application across all military departments.

**Link(s):**

[lacustrine](#) (definition)

[50th Network Operations Group](#)

**Contact:**

Dr. Steven Arcone, 603.646.4368, [Steven.A.Arcone@usace.army.mil](mailto:Steven.A.Arcone@usace.army.mil)

---

U.S. ARMY CORPS OF ENGINEERS – ENGINEER RESEARCH AND DEVELOPMENT  
CENTER – HANOVER

72 LYME ROAD • HANOVER N.H. 03755-1290

[WWW.CRREL.USACE.ARMY.MIL](http://WWW.CRREL.USACE.ARMY.MIL)