

**USGS CMG FACS OVERVIEW LOG
ACTIVITY ID: 08LCA04**

TOPIC	INFORMATION
USGS ACTIVITY ID	08LCA04
OTHER ID (IF ANY)	
ORGANIZATION	USGS and Saint Johns River Water Management District
PROJECT	Lakes and Coastal Aquifers (LCA)
AREA OF OPERATION	Cherry Lake, Lake Helen, Lake Louisa, Lake Hiawassee, and Lake Prevatt
CHIEF SCIENTIST(S)	Jeffrey B. Davis and James G. Flocks
INFORMATION SPECIALIST(S)	Dana S. Wiese and Arnell Harrison
ACTIVITY TYPE	Geophysical Survey (High-resolution seismic)
SCIENTIFIC PUPRPOSE/GOALS	Investigate minimum flows and levels of central Florida lakes
PLATFORM	17-foot Jon boat
STARTING DATE	September 2, 2008
STARTING PORT	Lake Prevatt, FL
ENDING DATE	September 5, 2008
ENDING PORT	Lake Hiawassee, FL
EQUIPMENT USED	Boomer System (C-Boom LVB power supply and plate and Teledyne Instruments SDS-55 hydrophones), SB-Logger and SonarWiz.SBP acquisition software, and Garmin DGPS (WAAS) navigation system
INFORMATION TO BE DERIVED (FOR EXAMPLE, GRAIN SIZE, DEPTH TO BASEMENT)	Shallow geologic framework
SUMMARY OF ACTIVITY AND DATA GATHERED	Collected 46 boomer seismic reflection profiles.
NOTES	Digital 08LCA04 FACS logs were generated by A. Harrison in October of 2008 using the handwritten logs and personal accounts of the crew members.