

U.S. GEOLOGICAL SURVEY-BRANCH OF ATLANTIC MARINE GEOLOGY

CRUISE REPORT

- 1. SHIP NAME: Boston Whaler
- 2. CRUISE # AND LEG: HOB-94-1 *LGRG 94-1*
- 3. PROJECT # AND NAME: 9470-63051 *MCOK 94-1*
- 4. FUNDING AGENCY: Army Corps of Engineers, Chicago District
- 5. CONTRACT:
- 6. AREA OF OPERATIONS: Hobart, Indiana/West Chicago Quarry
- 7. DATES AND PORTS OF CALL: 5 April - 11 April 1994
Chicago, IL/Hobart Indiana
- 8. CHIEF SCIENTIST(S): Folger
- 9. SCIENTIFIC PARTY: Parolski/Irwin
Mike Fisher - COE Chicago (not on board)
- 10. SHIPS'S CAPTAIN: Stewart Hagen
- 11. PURPOSE OF CRUISE: Lake George - Determine sediment thickness
prior to dredging operations
McCook Quarry - Determine thickness of spoils
in a quarry sump as part of
larger flood control
study.
- 12. NAVIGATION TECHNIQUES: Differential GPS (Lake George)
DR (Quarry)
- 13. SCIENTIFIC EQUIPMENT: 3.5 kHz pinger/Odem dual Channel
fathometer/chirp subbottom profiler
- 14. TABULATED INFORMATION:
 - DAYS AT SEA: 5
 - CONTINUOUS DATA (in km): Lake George - Approximately 125km
Quarry sump - Approximately 3km
 - STATIONS OCCUPIED:
 - SUBMERSIBLE DIVES:
 - STATION INFORMATION:
 - Station :
 - Date of Occupation:
 - Latitude/Longitude:
 - Water Depth:

Sampler device (dive #):
Number and type of samples:
Remarks:

15. PAGE-SIZE TRACKCHART (including station & line #'s):