



Field Trip

"The Origin of Long Island's Boulders?"

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Saturday October 28, 2000

We will meet at **9 a.m** in room 123 Earth and Space Science Building on the SUNY Stony Brook campus. We will first review the rock types among the basement rocks of Connecticut and the possible paths that the glaciers may have taken prior to arriving on Long Island. We will review minerals and rock types. We will then characterize the shape, roundness and types of boulders on the Stony Brook campus evaluating their potential sources and the possible distances and paths that they may have traveled. After we have become familiar with the boulders on campus we will go to a North Shore beach where we will do a careful study of the shapes and rock types from pebbles, cobbles and boulders. At the beach you will have a chance to collect a range of rock types characteristic of Long Island's boulders. Bring a back pack. You will need to carry the rocks back.

We will go rain or shine.

Wear appropriate shoes or boots for hiking along beaches.

There will be no refunds.

Bring lunch and drink.

The trip will finish by 5:00 p.m.

DIRECTIONS TO SUNY Stony Brook and ESS BUILDING

From exit 62 of the Long Island Expressway (LIE, I-495) follow Nicolls Road (Route 97) north for nine miles. Pass the South and Main entrances to the University. Enter the North entrance which will be on your left. At the top of the small hill, turn right on North Loop Road. Proceed about 1 mile to first stop sign. Turn left onto SAC Drive and then immediately turn left again onto Center Drive. Proceed about 50 yards then turn right into the large paved parking lot. The Earth and Space Sciences building is the large concrete building at the northeast end of the parking lot. Map of campus is on the web at: www.sunysb.edu/doit/maps.html

If you wish to participate, we need to know by **Tuesday, October 24**. Make your reservations by sending a check for \$10.00 per participant made out to Long Island Geologists. **No confirmation will be sent.**

Long Island Geologists

Earth and Space Sciences Building

S.U.N.Y.

Stony Brook, New York 11794-2100 Tel. 631 632 8535; Fax 631 632 8240

Long Island Geologists web site is at www.geo.sunysb.edu/lig/

In-service credit is available for teachers.

During the 2000-2001 academic year we will be offering one-hour of in-service credit for each of the: six Geology Open Nights, eight Astronomy Open Nights, and three Long Island Geologists Dinners We will offer 7.5 hours of in-service credit for the conference on the Geology of Long Island and Metropolitan New York in April 2001. We will offer up to 7.5 hours of in-service credit for Long Island Geologists field trips.

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Enclosed is a check for \$ _____.to reserve ____places for the Field Trip on October 28, 2000.

Name(s) _____

Affiliation _____

Address _____

_____Town_____State_____Zip_____

Phone Number _____ Fax Number _____ e-mail _____

If you are a teacher, would you like in-service credit? _____