



---

---

**Inversand Glauconite Sand Pit Tour**  
**Thursday, July 1, 8:30 am – 3:30 pm**

**NJGS Leader:** Peter Sugarman

**Outside Leaders:** William Gallagher, Rider University; Kenneth Miller, Rutgers University

We will leave the Hyatt Regency Hotel at 8:30 am and travel to the Inversand Company's mining and production facilities in Sewell, NJ. This facility is the last example of a once thriving New Jersey industry, the digging of green marl. Inversand uses the green sand as a filtration media for municipal and industrial water treatment applications. The facility contains an open pit allowing the examination of the stratigraphic relationships across the Cretaceous/Paleogene (K/Pg) boundary in the southwestern NJ Coastal Plain. In addition, the pit has yielded extensive collections of Cretaceous and Paleogene marine fossils including oysters, clams, snails, shark teeth and marine reptiles, providing an important reference section for K/Pg extinction studies.

There will be one more stop depending on the weather. If there is no rain, and temperature is not too hot, we will stop at the Campo Pit in Perrineville to see another exposure of the K/Pg boundary. In the northern NJ Coastal Plain, stratigraphic relationships are different across this boundary interval, and we can examine nearshore marine units that are not found in the Sewell pit. If the weather doesn't permit a second stop after Inversand, we can travel to the Rutgers core facility and examine cores collected across the K/Pg boundary in several locations from the NJ Coastal Plain, and contrast them with the Sewell pit. We will return to the Hyatt Regency Hotel at 3:30 pm.

**Cost:** The trip will cost \$45 including lunch.

**Registration:** Registration is limited to 50 people.

**Liability Release Waiver:** Inversand requires a waiver to be filled out on-site.

**What to Bring:** Sunscreen, sunglasses, hat for sun protection, camera, insect repellent, rain jacket, shorts, water bottle, mud boots or Sneakers, hand lens, field shovel or trowel.