



# teg Oceanographic Services

A leader in marine consulting & data acquisition

## SEDIMENT CORING, DRILLING & SAMPLING SERVICES

**TEG Ocean Services** founded in 1988, is a California based small business enterprise (SBE) providing specialized marine scientific services worldwide. TEG offers its clients technical expertise and an extensive inventory of custom marine sediment coring and drilling systems in support of exploration, oceanography, environmental, and geotechnical investigations around the world. TEG's experienced personnel and sampling equipment can make the difference.

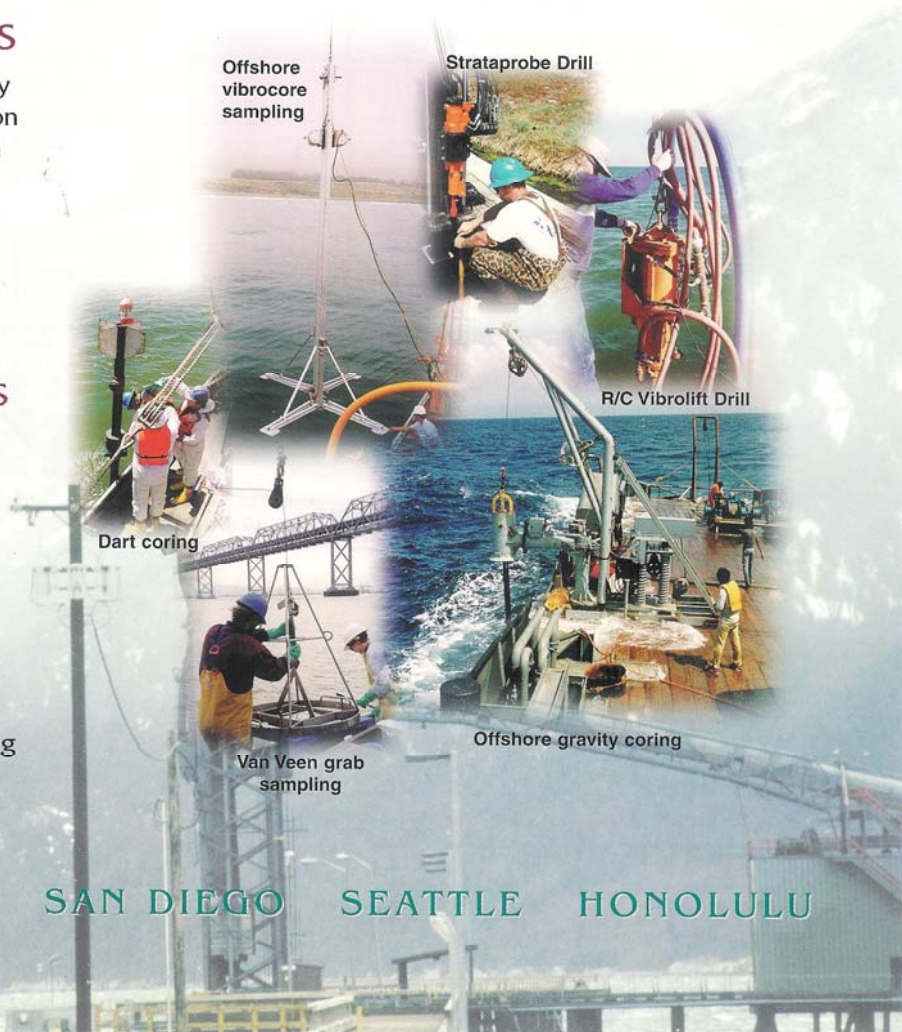
### APPLICATIONS

- Environmental toxicology
- Geotechnical investigation
- Geochemical exploration
- Ocean engineering
- Marine sedimentology
- Minerals surveys
- Dredge material testing

### SEDIMENT SERVICES

Offered by TEG

- Grab sampling
- Box coring
- Piston coring
- Dart coring
- Gravity coring
- Electric vibrocore
- Pneumatic vibrocore
- Percussive drilling
- Reverse circulation drilling
- Rotary core drilling
- Jet probing
- Gamma logging



SANTA CRUZ    SAN DIEGO    SEATTLE    HONOLULU

## SEDIMENT CORING, DRILLING & SAMPLING SERVICES

TEG SERVICES	PENETRATION	SAMPLE TYPE	STRATA	APPLICATION
<b>Grab sampling</b> <b>Box coring</b> <b>Dredges</b>	Near Surface	Discrete and undisturbed surface sample  Random and disturbed surface sample	Shallow and surface sediments	Chemical and biological  Chemical and biological  Chemical
<b>Dart coring</b> <b>Piston coring</b> <b>Gravity coring</b>	5 m. (15 ft.) 6 m. (20 ft.) 6 m. (20 ft.)	Continuous, undisturbed cores	Fine-medium grained silt, and clay	Chemical, exploration, and environmental
<b>VIBROCORING SYSTEMS</b>				
<b>Electric Vibrocore</b>	10 m. (30 ft.)	Continuous, undisturbed cores	Silt, sands, shells, clay, gravel, and coarse-grained sediments	Environmental geotechnical, chemical, biological, geological, and mineral exploration
<b>Pneumatic Vibrocore</b>	12 m. (40 ft.)			
<b>TEG DRILLING SYSTEMS</b>				
<b>Marine Strataprobe Drill</b>	1.5 to 30 m. (5 to 100 ft.)	Incremental cores discrete samples	Any unconsolidated sediments	Environmental, and chemical
<b>R/C Vibrolift Drill</b>	25 m. (80 ft.)	Slurried sample	Silt, sands, clay, cobble	Mineral exploration, and monitoring wells
<b>TEG Submersible Rotary Core Drill</b>	30 m. (100 ft.)	Incremental cores discrete samples SPT sampling	Consolidated sands, rock, and dense clay	Environmental, geotechnical, and geological



Vibrocore sampling for hazardous materials

**TEG'S VIBROCORE SYSTEMS:** offer a range of highly powerful vibratory drive heads, yet are compact enough to operate from vessels as small as 10 meters (30 ft.). They can be deployed with a support frame or in a "stand alone" mode, which provides the versatility to operate from a variety of vessels under a multitude of sampling conditions.

**MARINE STRATAPROBE DRILL:** is a hydraulic/percussive system. Unlike most rotary systems, the Strataprobe creates no drill cuttings or drilling fluid waste to be contained or discharged into the environment.

**R/C VIBROLIFT DRILL:** is a hybrid marine sediment sampling tool which incorporate high frequency vibratory drive with reverse circulation drilling technology.

**TEG SUBMERSIBLE ROTARY CORE DRILL:** is an hydraulically driven, submersible, rotary drill system. The drill is typically diver operated on the seafloor but may be outfitted for remotely (single pass) controlled operations from the surface support vessel.



TEG Submersible Rotary Core Drill

TEG offers an unparalleled array of specialized sediment sampling systems and experienced personnel who will demonstrate a strong professional commitment to the successful completion of your project.



Main Office:  
 TEG Oceanographic Services  
 P.O. Box 7948 Santa Cruz, CA 95061  
 Tel: (831) 684-2749 Fax: (831) 684-2748