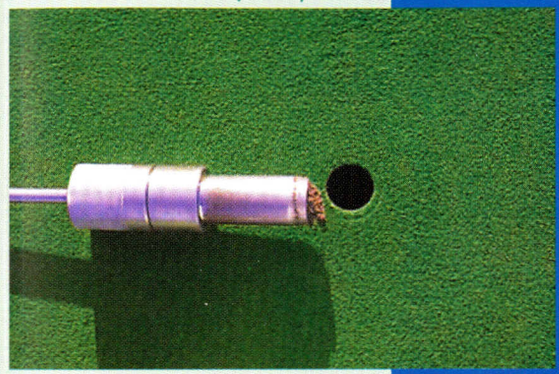
GOOD SUPERS KNOW:

Root-created layering is the most common cause of turf deterioration. It chokes off non-capillary pores from air and water permeability, reduces subsurface air capacity and encourages foot traffic compaction.

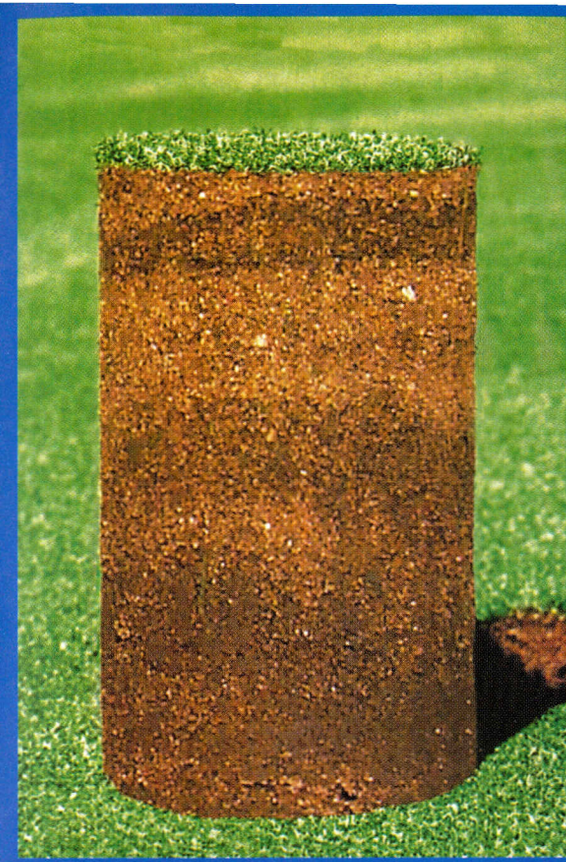
A unique, copper-sleeved plugger became the basis for some of the ISTRC System™ patents.



DATABASE & GUIDELINES:

Data compiled from thousands of cores including the new bent and Bermuda grasses has aided in the development of guidelines that are a refinement of USGA specs. These guidelines are included with each client's individual core analysis.

ISTRC KNOWS:



The best way to analyze physical properties is through undisturbed core analysis. By using 2" X 4.5" cores that are sealed in airtight copper tubes, your turf-intact core arrives at the ISTRC lab undisturbed.

Initial testing includes water holding capacity, infiltration rate, solids percentage, capillary and non-capillary and total porosity.

The sleeves are then removed and the cores are dried down to record dry weight and observe drying patterns through time-lapse photography.

The dark and light areas reveal how soil types and particle sizes have different water holding capacities, the number of top-dressings and the effects of specialty aerifications.

Final testing is done inch by inch to determine sand/silt/clay content, particle size distribution and