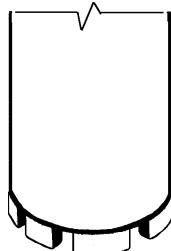


TROUBLE SHOOTING CORE BITS

GLAZING

(Bit stops drilling or is very slow)



CAUSE: Too much feed pressure.

REMEDY: Open bit with abrasive material (Sand pot, concrete block, chop saw blade). Reduce feed pressure. Using an ammeter will help to control speed and pressure.

CAUSE: Aggregate is too hard.

REMEDY : Change to a softer bond.

LOST SEGMENTS (Particularly on bits up to 1-3/4")



CAUSE: Steel reinforcing rod

REMEDY: Ease up on feed pressure (watch ammeter). Use a higher quality bit and increase the water flow.

CAUSE: Not enough water to properly cool bit.

REMEDY : Increase water flow.

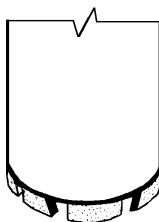
CAUSE: Drill rig is not properly anchored.

REMEDY: There are three ways of anchoring a core rig.

STANDING ON IT IS NOT ONE OF THEM !

This quick and dirty method damages the bit and the rig and dramatically slows the drilling process.

BENT SEGMENTS



CAUSE: Too much feed pressure and not enough water.

REMEDY: Repair the bit if possible. Ease up on feed pressure and increase water flow.

CAUSE: Aggregate is too hard.

REMEDY : Change to a softer bond.

CORE HANGS UP



CAUSE: Not enough water to remove slurry.

REMEDY: Remove bit and drive core out with a spike through the hub. Increase water flow.

CAUSE: Core barrel is dented because of hammering on it to remove previous hung up cores.

REMEDY : Repair the barrel. Increase water flow.