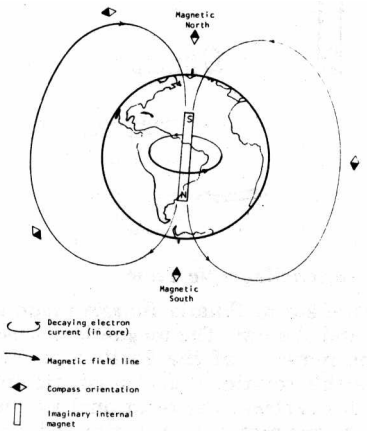
Magnetic North
S
N
Magnetic South
Decaying electron current (in core)
Magnetic field line
Compass orientation
Imaginary internal magnet