

HEAT OF THE EARTH

181

1984 Nov 2

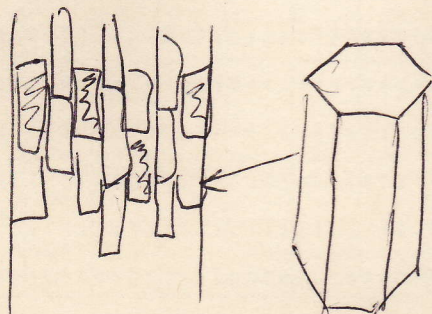
Is the centre of the Earth really very hot, or is the heat just the expression of high pressure present (and so observed only when the pressure is relieved for the observations to make possible)? Check temperature at bottom of drill holes, radiated heat from Earth or observed in space, ~~etc~~ on dark and light sides.

SAFER LAMPPOSTS

1984 Oct 31

Lampposts need stiffness rather than general strength. A rake

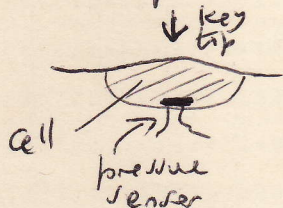
(against vehicle impact damage to the vehicle) approach may be to make the posts of an assembly of hexagonal prisms with thin plastic walls, filled with water. These should give sufficient rigidity to perform under normal conditions, but crumble on vehicle impact.



LIQUID / MEMBRANE KEYS

1984 October 29

It should be possible to have keyboard or other keys ('press buttons') activated by pressure sensor in a liquid ~~cell~~ cell under a membrane.



Instead of microswitches etc, these could be very flexibly adjusted, even dynamically, for different pressures. A possible silicon microstructure application?