

h_1

v_1

h_2

v_2

h_3

v_3

seismic ray



The diagram illustrates a seismic ray traveling vertically through three distinct layers. The layers are represented by horizontal bands of increasing darkness from top to bottom. The top layer is light gray, the middle is medium gray, and the bottom is dark gray. A vertical line with downward-pointing arrows at the boundaries and at the bottom represents the seismic ray. The labels h_1 and v_1 are in the top layer, h_2 and v_2 are in the middle layer, and h_3 and v_3 are in the bottom layer. The text 'seismic ray' is oriented vertically along the central line.