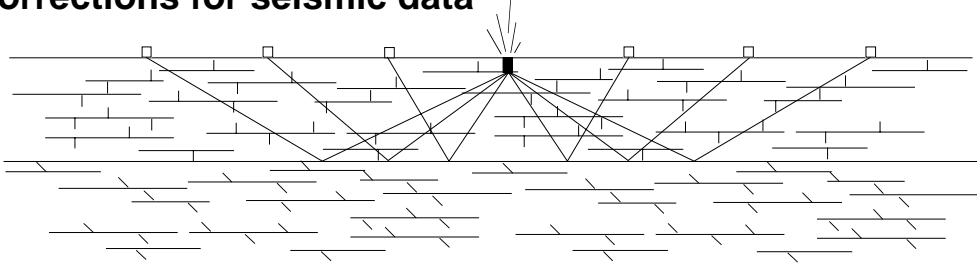
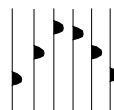
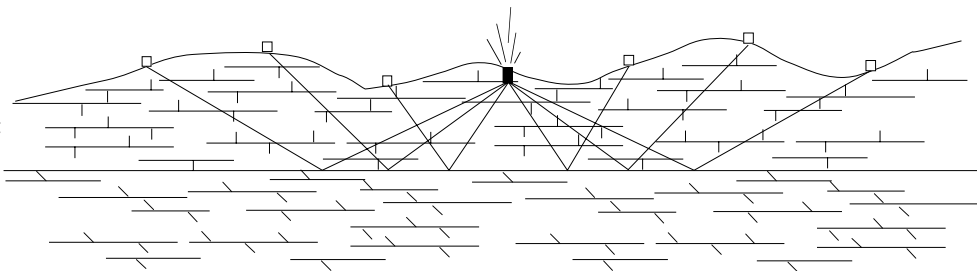


Statics corrections for seismic data

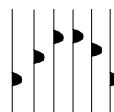
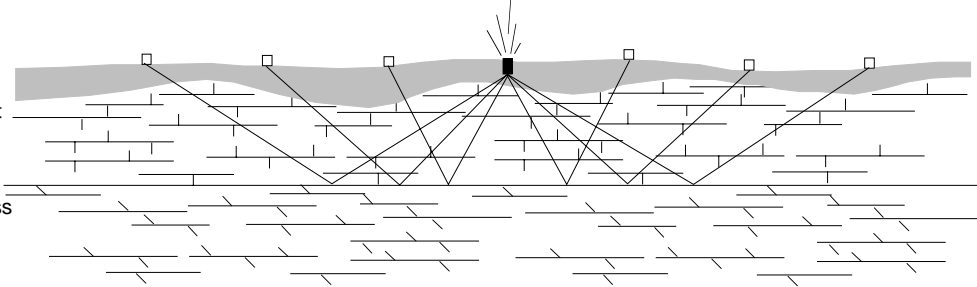
Correction needed for simple normal moveout



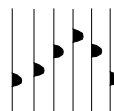
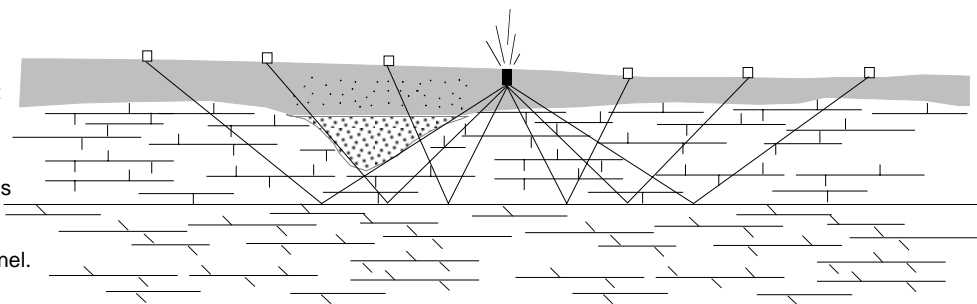
Correction needed for normal moveout plus elevation correction



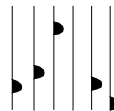
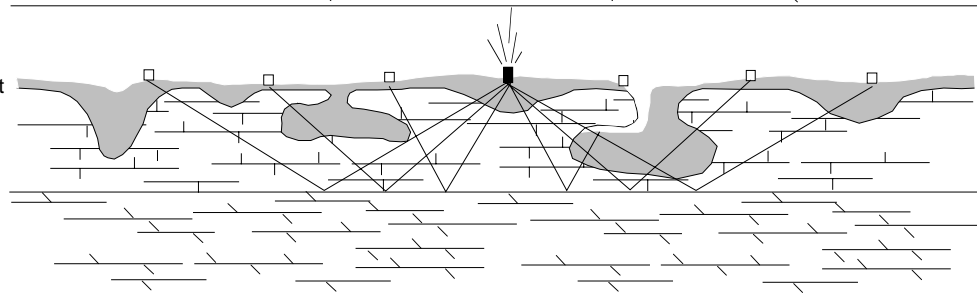
Correction for normal moveout plus elevation correction plus correction for varying thickness of regolith.



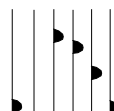
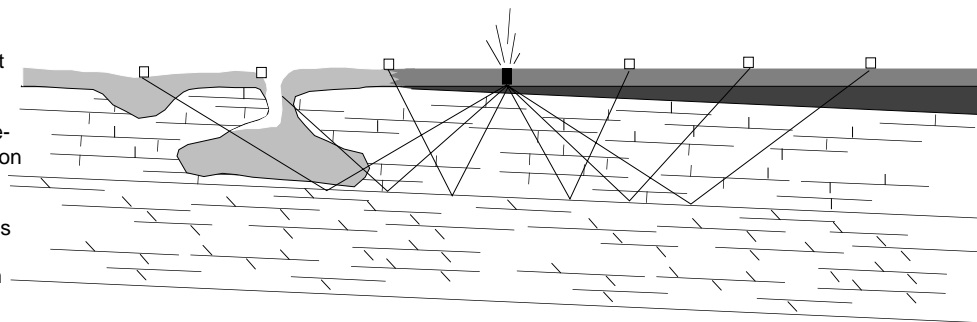
Correction for normal moveout plus elevation correction plus correction for varying thickness of regolith plus correction for sand-filled channel.



Normal moveout plus elevation correction plus correction for tremendous variation in thickness of regolith due to karstification.



Normal moveout plus elevation correction plus correction for tremendous variation in thickness of regolith due to karstification plus correction for younger stratum of varying thickness.



Remember that each different material will have a different seismic velocity, so that each path shown may pass through different materials at different speeds - and each path can differ from its neighbors in the materials through which it passes and the distance it travels through those materials. Bear in mind that the person making the statics corrections will not have these cross-sections on which to base their corrections.