



Figure 2. TopRight: Seismic observatories in the region: permanent stations (open triangles), portable stations with over 1 year of data (dots), POLARIS array (solid triangles). Proposed portable deployment is shown with diamonds. Sites are tentative. TopLeft: Schematic cartoon of subsurface features we seek to identify and explore, drawn (not to scale) along the line A-A'. AM - Adirondack Mountains; NEA - New England Anomaly (low seismic velocities); H, L - Hales and Lehman discontinuities. Bottom panels illustrate distribution of seismic sources in a 2-year period that will form the dataset for tomographic imaging of the region, and for waveform analysis at portable network sites.