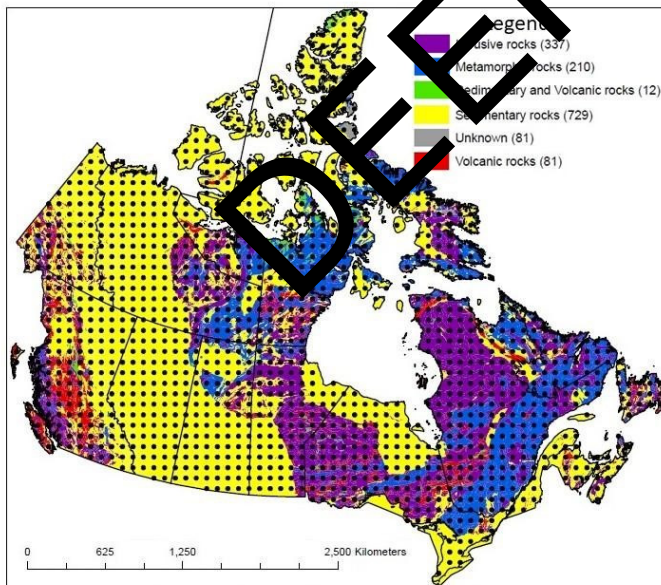


**Figure 1.** Proposed ~165 Earth System observation stations for the Canadian Cordillera Array (CCArray) at an ~85 km spacing. The red triangles and circles are the current 199 USA Array and 87 cooperative seismic, meteorological and infrasound stations in Alaska and northwestern Canada. The light blue circles are the proposed CCArray stations. The various other colours and symbols are broadband seismometers from a variety of academic and federal government groups (courtesy of S. Azeveda and P. Bush). K – Kluane Lake Research Station installed July 2018.



**Figure 2.** Schematic illustration of spatial coverage after completion of EON-ROSE using a ~85 km station spacing (courtesy of T. James).