

Geoscience Data Management Section

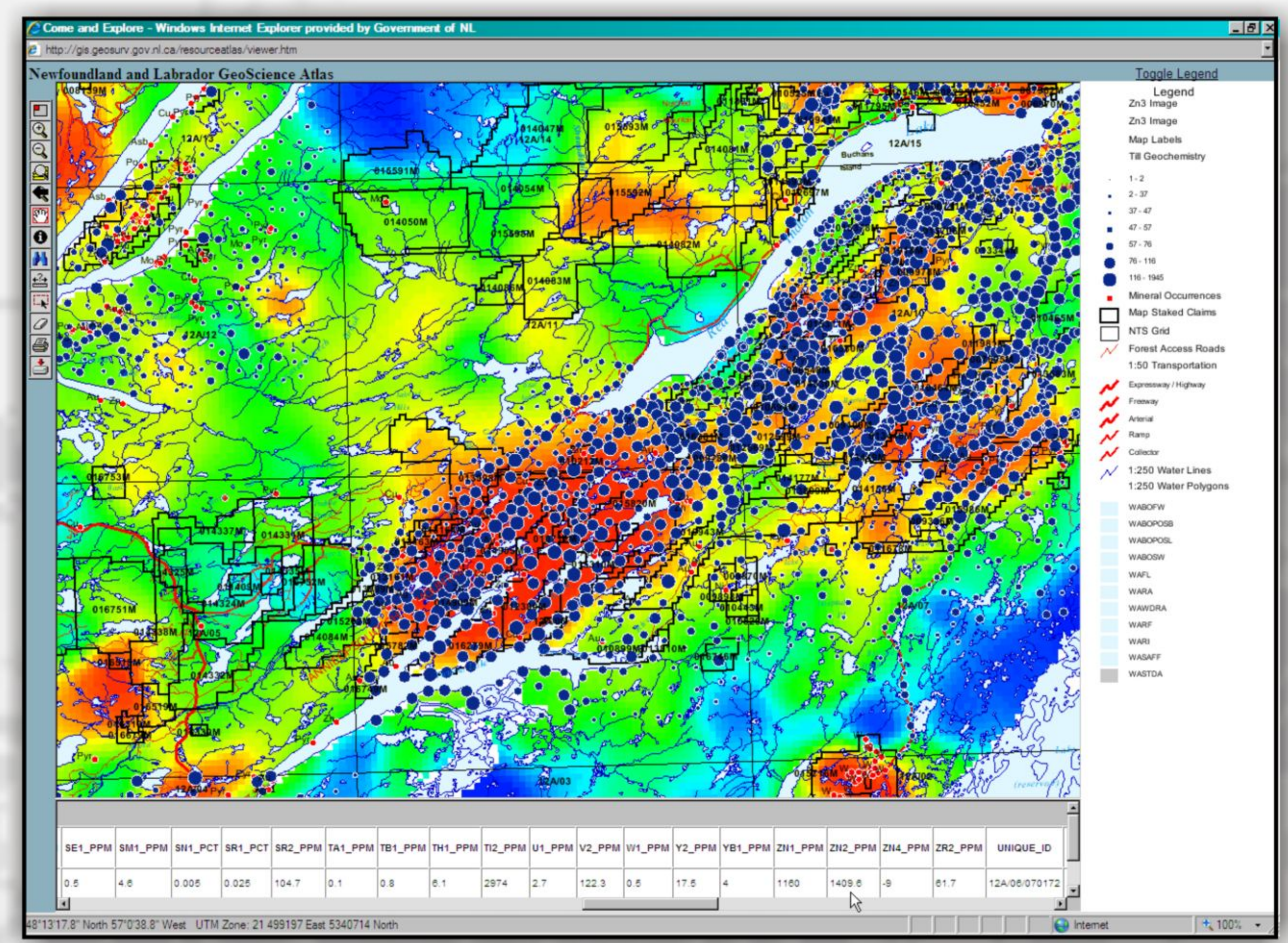
L. Nolan, P. Honarvar, L. Crisby-Whittle, G. Simms, H. Missan

GeoScience OnLine

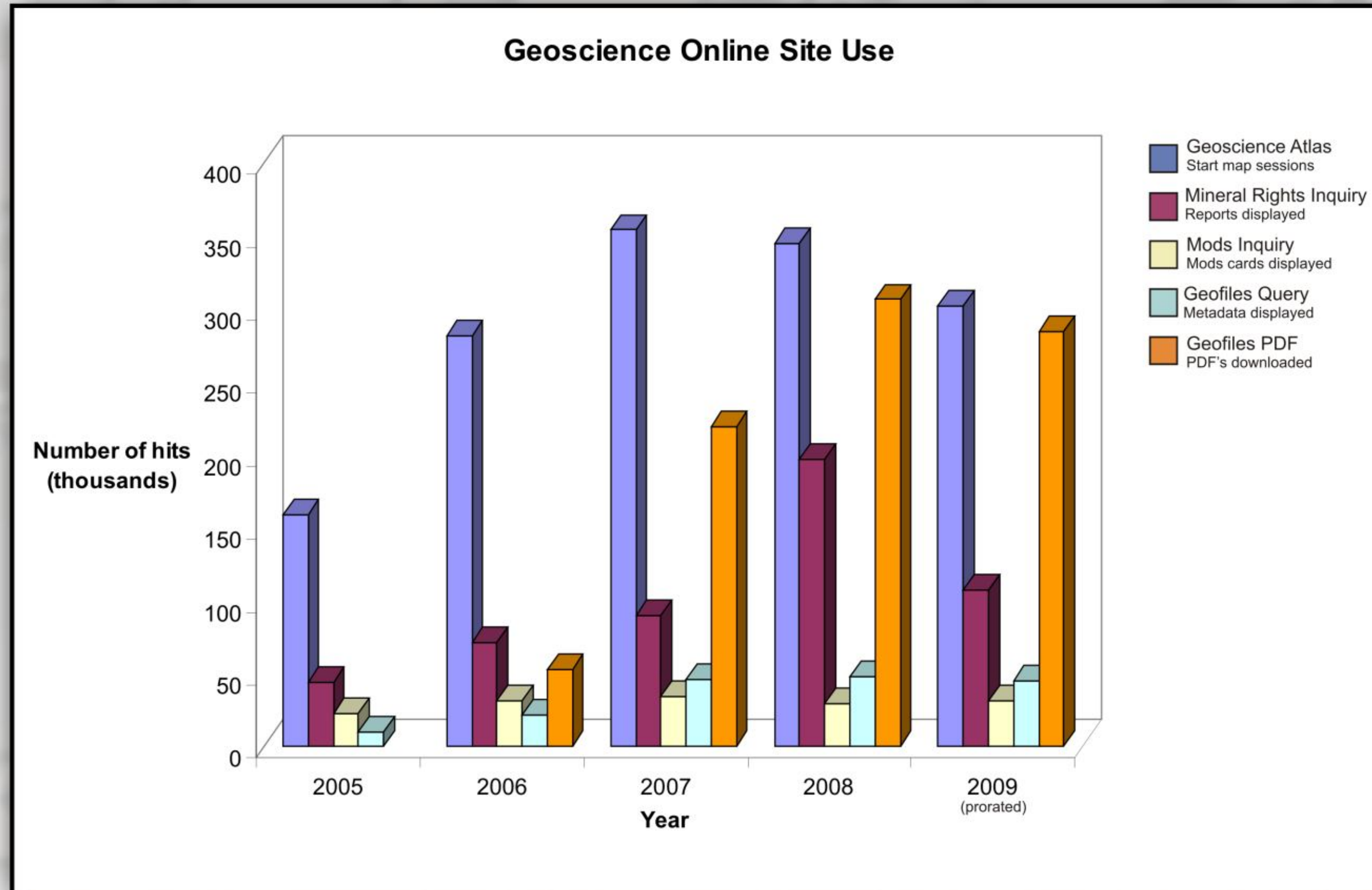
GeoScience OnLine



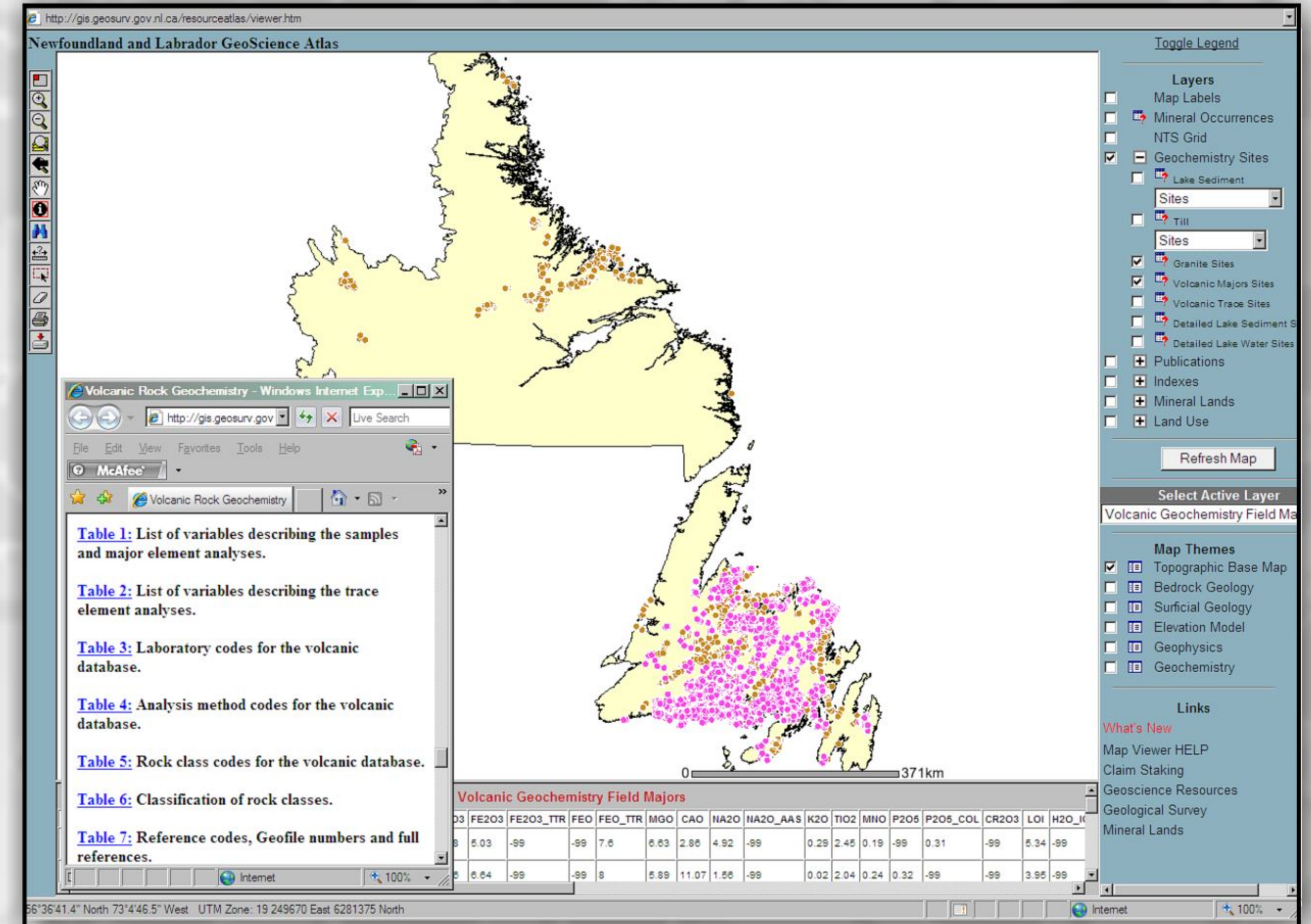
The gateway to the GeoScience Atlas is found at <http://gis.geosurv.gov.nl.ca/> or go to the Geological Survey website and link through 'GeoScience OnLine'.



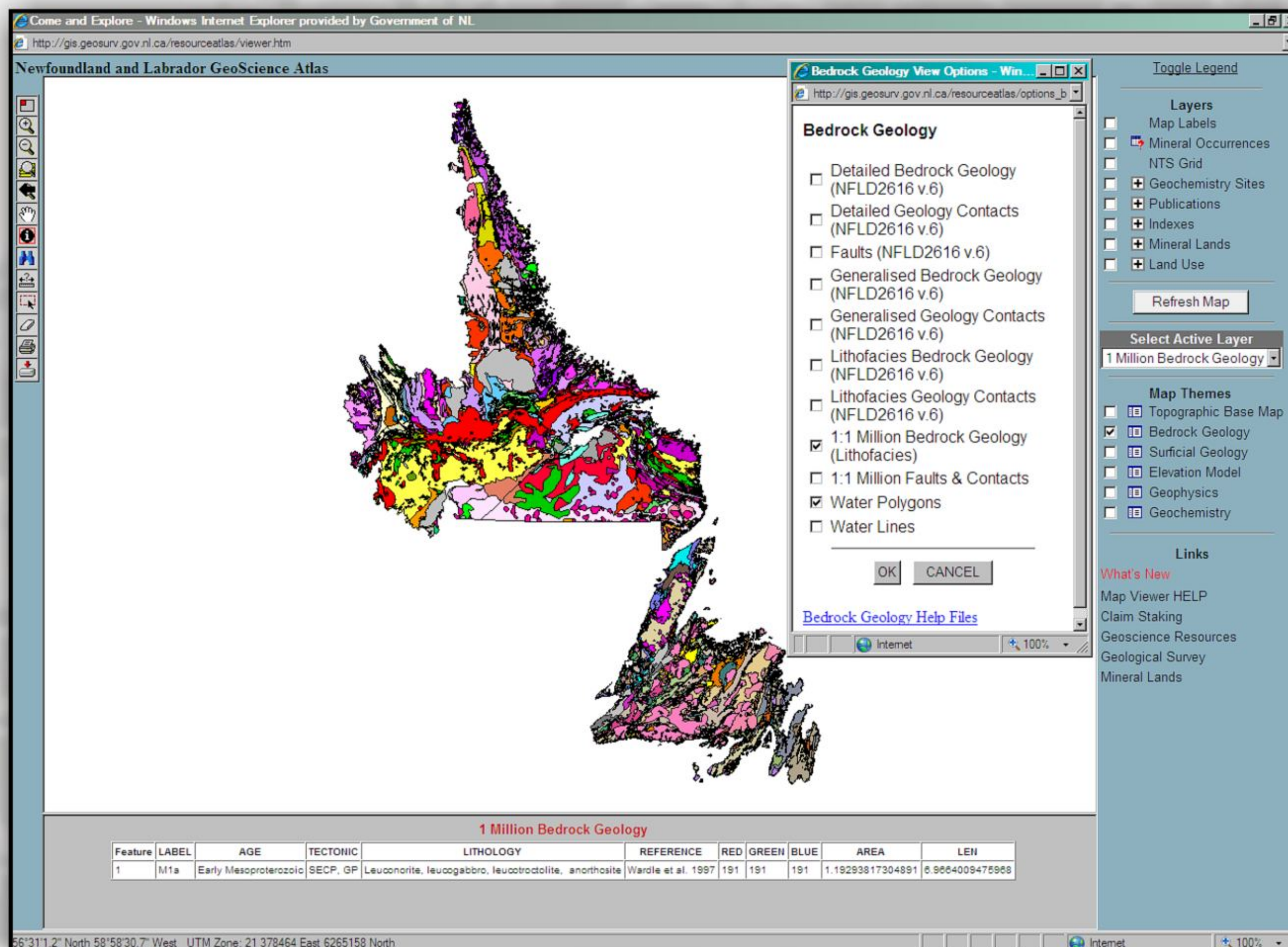
Regional lake sediment interpolated geochemical maps for Zinc (Zn3) with recently released till geochemistry displaying Zinc dot plots (Zn2_ppm). Ancillary information consists of the national road network transportation layer and the forest access roads.



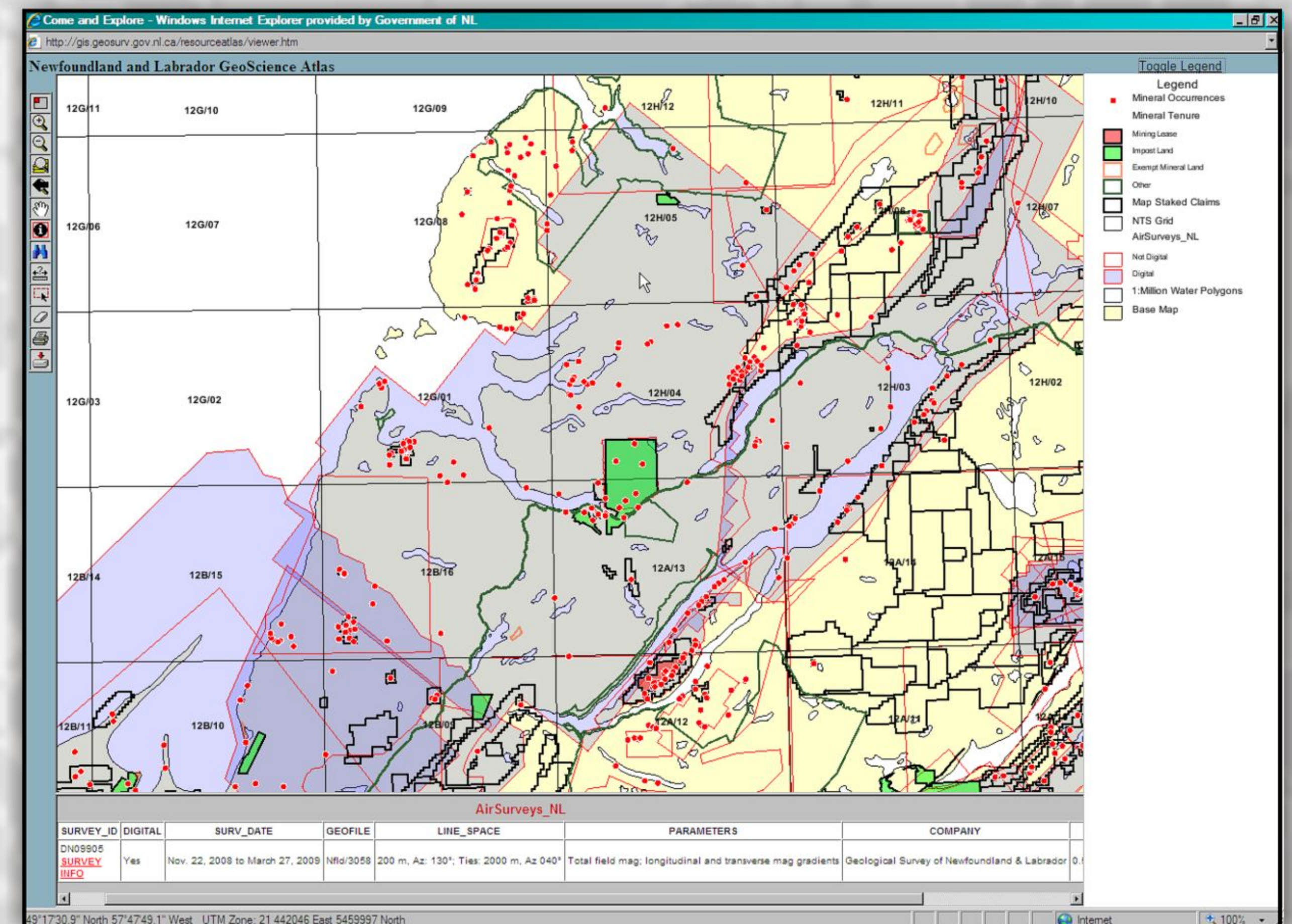
GeoScience OnLine site use, highlighting the use of the GeoScience Atlas, Mineral Rights inquiries, MODS inquiries, Geofile queries and Geofile PDF's downloaded.



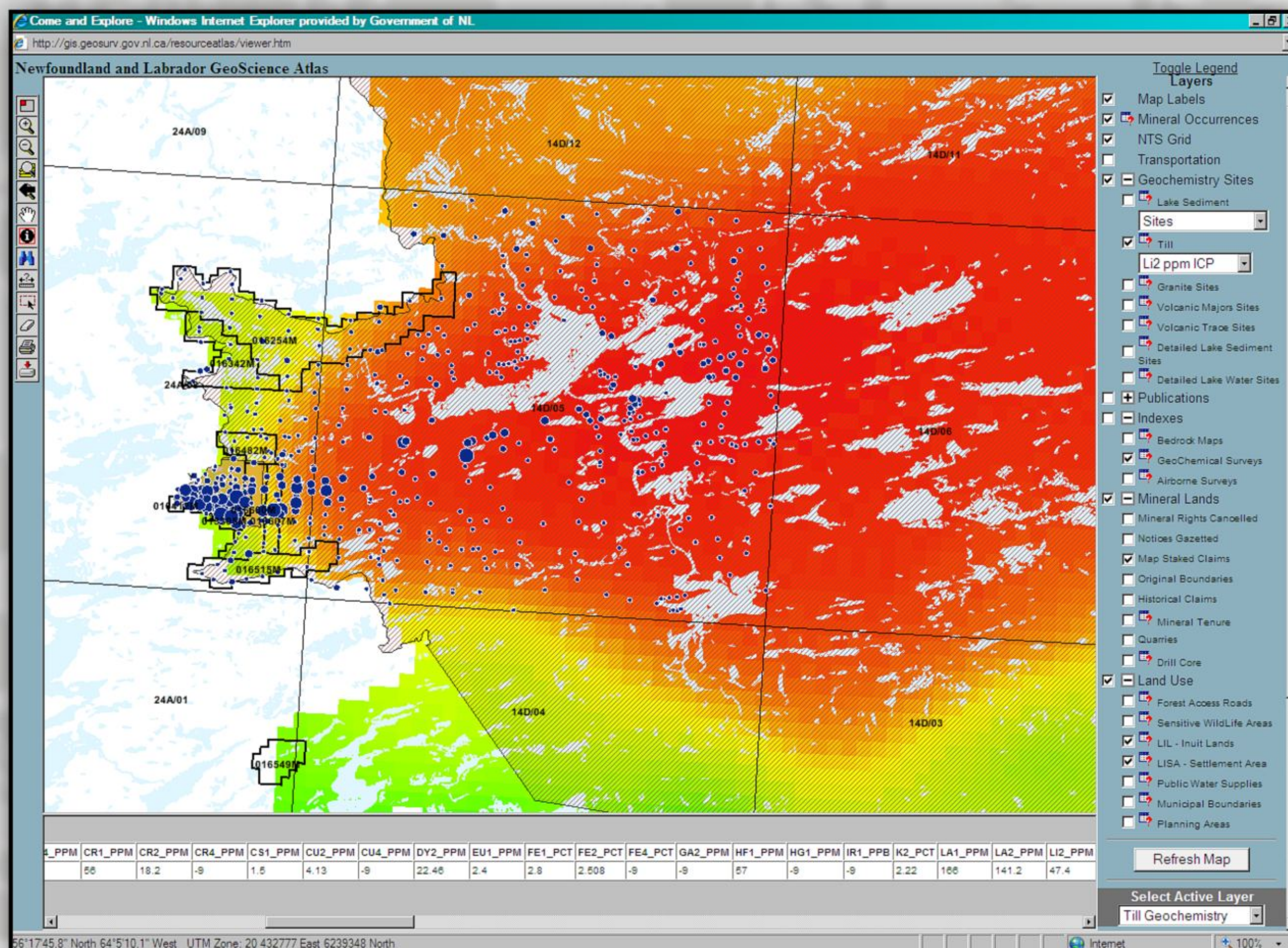
Extent of granitic rock sample sites (purple) and volcanic rock sample sites (brown). A portion of the volcanic rock help file is displayed in the pop-up window and major element geochemistry is displayed in the attribute table below the map.



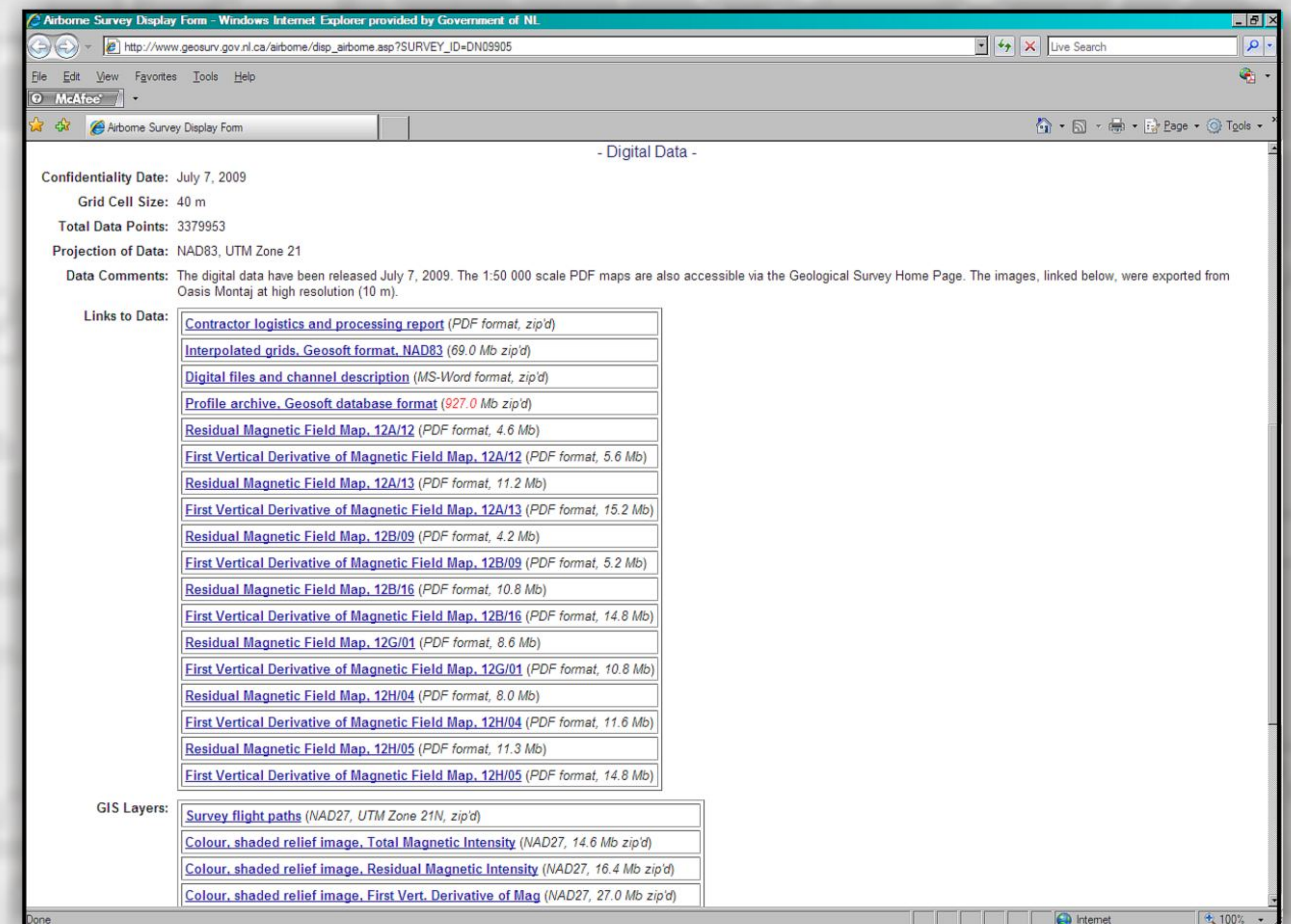
1:1 million scale bedrock geology, comprised of Map 90-01, *Geology of the Island of Newfoundland* (Colman-Sadd et al., 1990) and Map 97-07, *Geological Map of Labrador* (Wardle et al., 1997). The map theme options box for the Bedrock Geology indicates which layers are turned on.



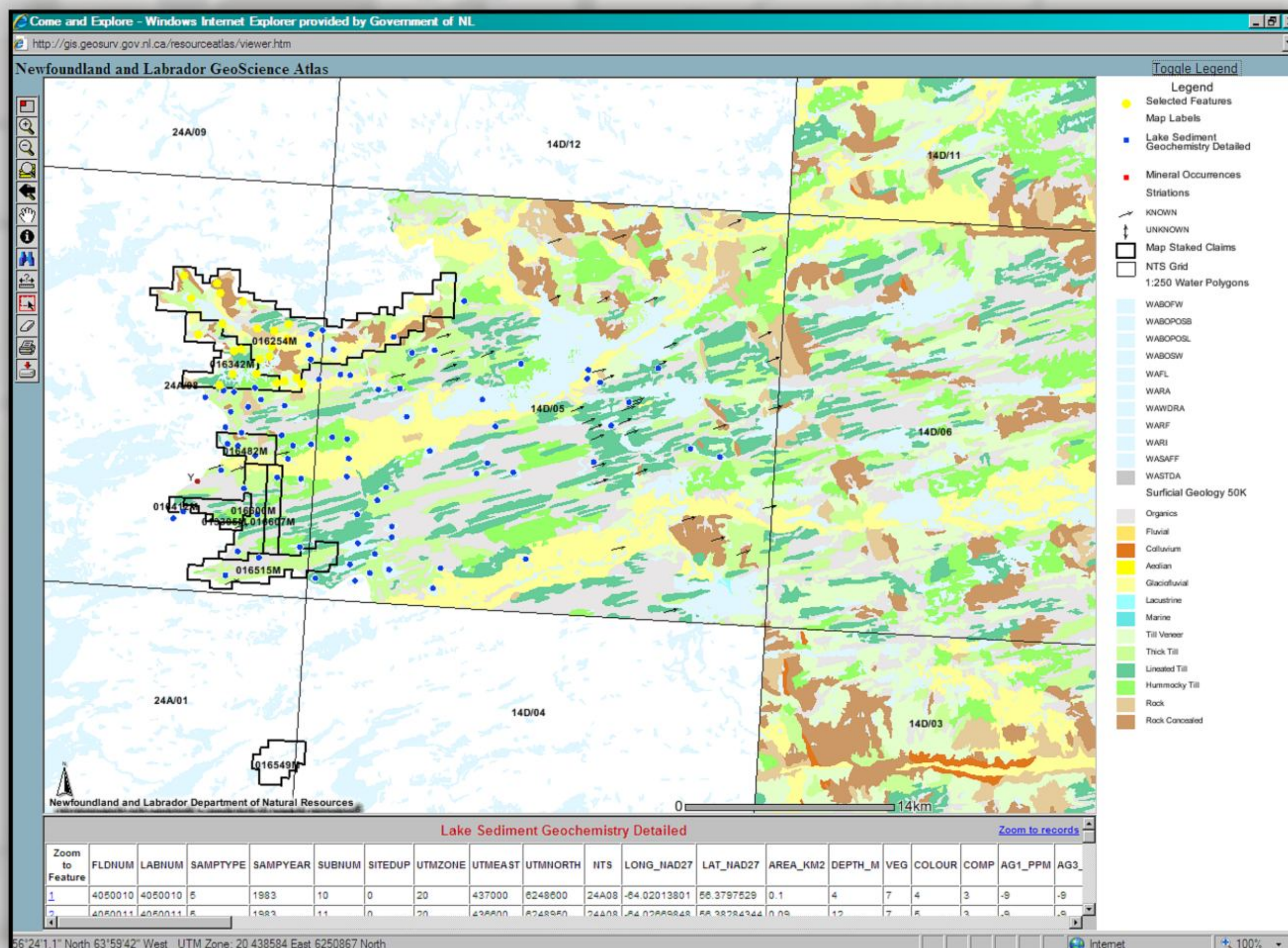
Airborne survey index centered on the recently released Corner Brook survey. Additional information is provided through the 'Survey Info' hyperlink which provides survey logistics information and further links to digital data (see below).



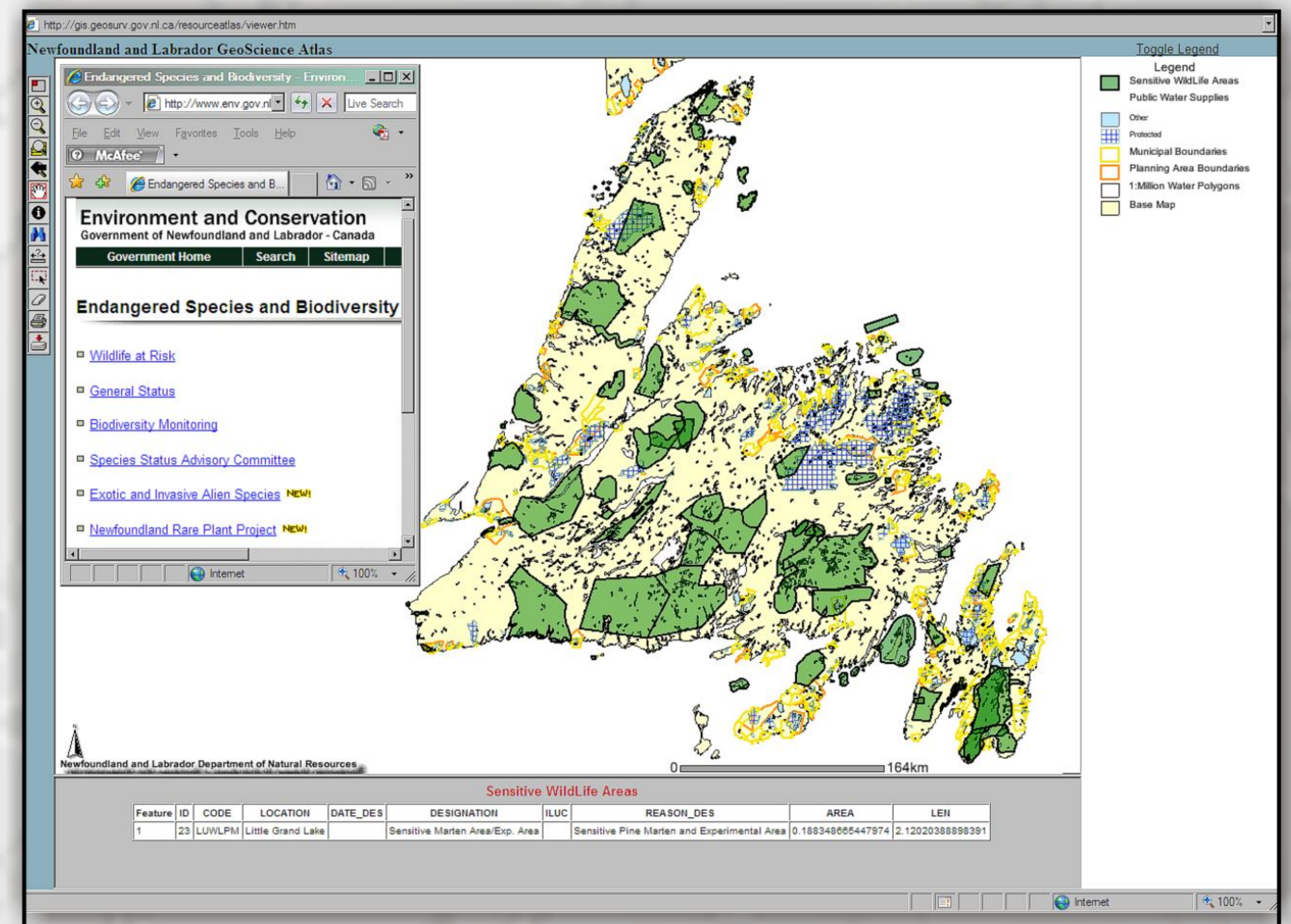
Interpolated geochemical map of hafnium in regional lake sediment from the Strange Lake Area, Labrador. Graduated dot plots are of lithium (Li2_ppm) from recently released till geochemistry. Ancillary information consists of the map staked claims, and the L1 and LISA land use areas.



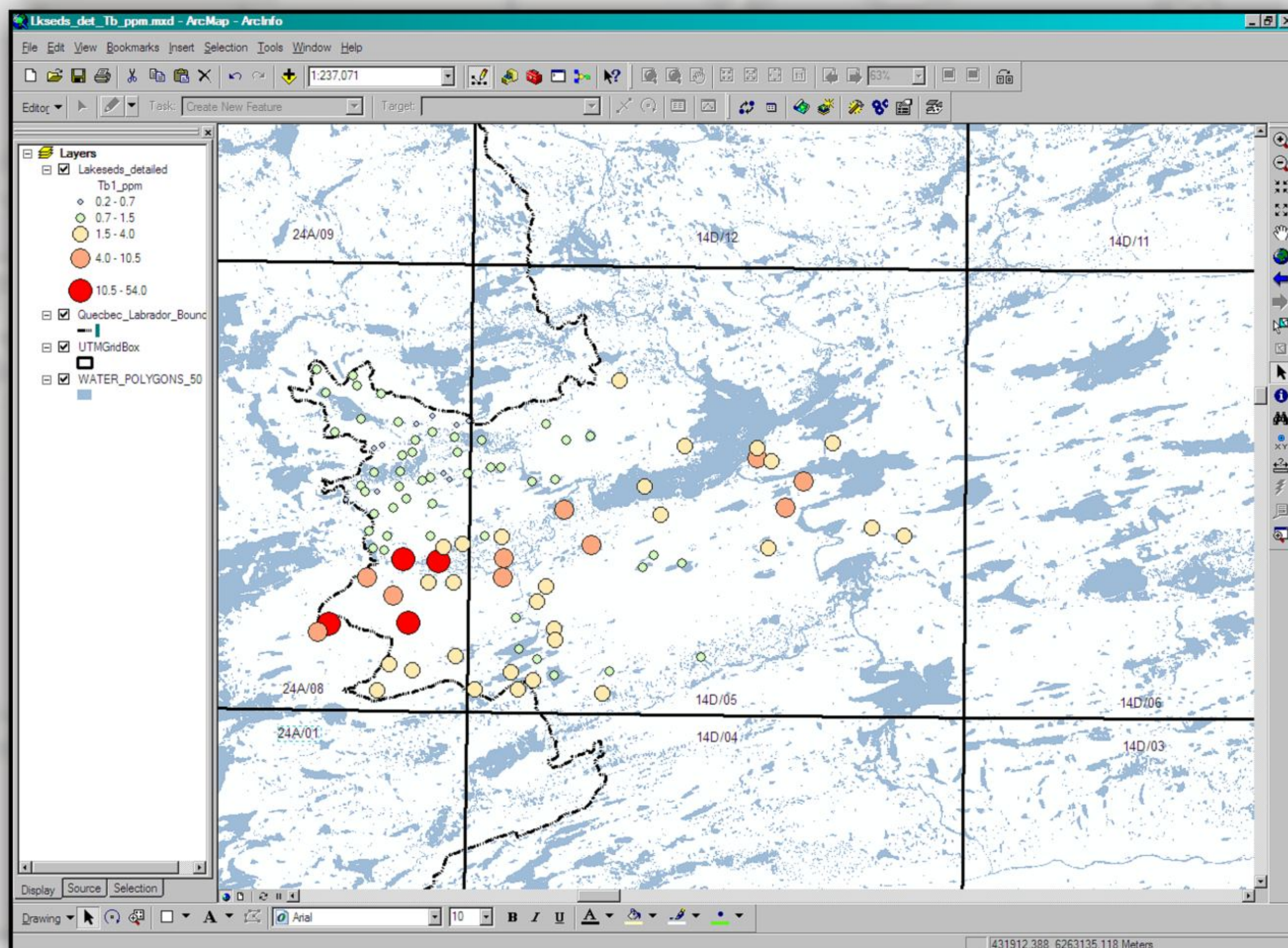
Additional information for the Corner Brook airborne geophysical survey. The digital data section provides further links to the contractors pdf report as well as pdf maps and GIS layers as vector shape files and registered tif images.



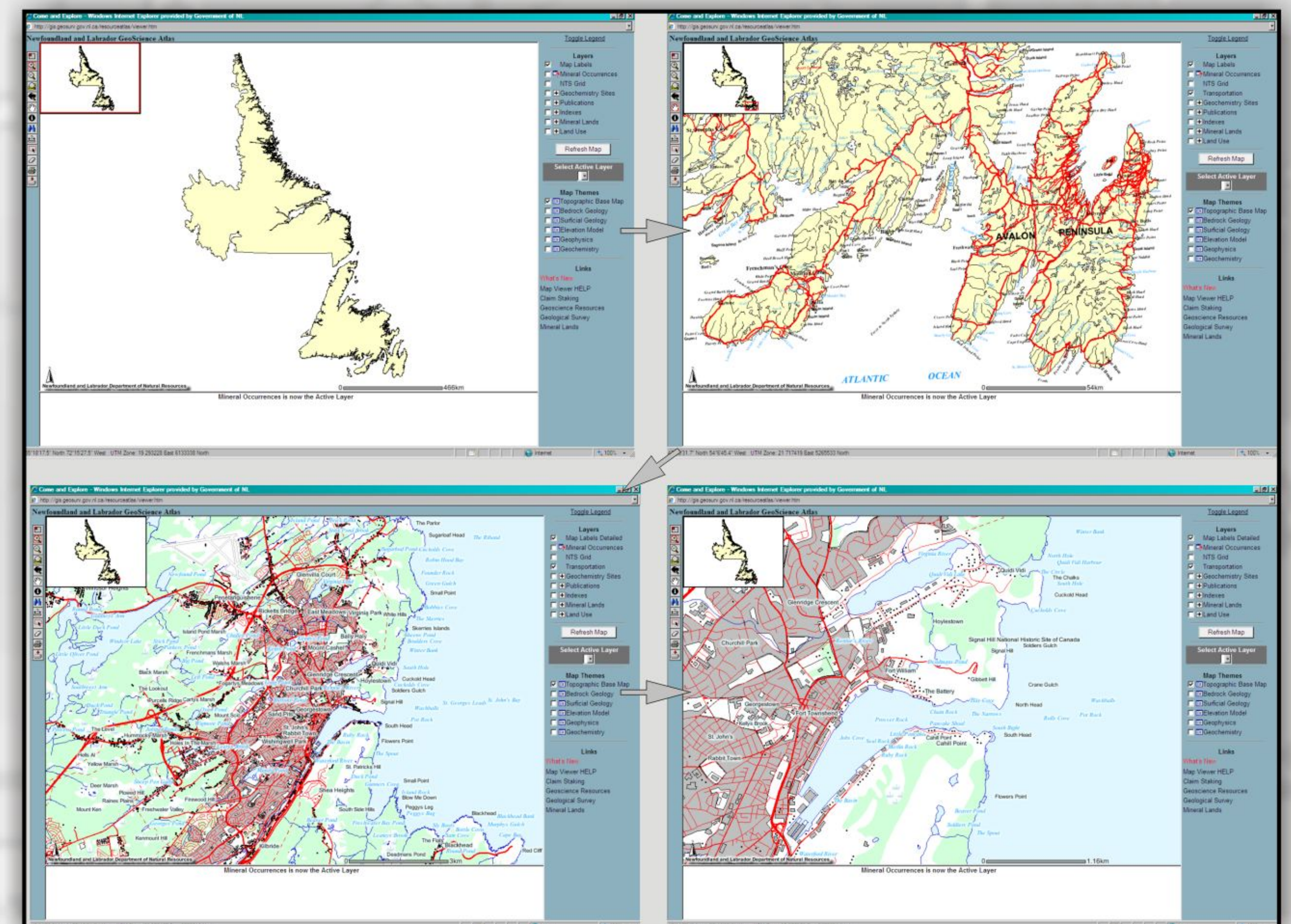
Detailed surficial geochemical maps (1:50 000 scale) in the Strange Lake Area, Labrador. The blue dots represent sampling sites of the detailed lake sediment and water survey. Ancillary information consists of the map staked claims, mineral occurrences and striation information showing the glacial trend.



Land Use layers including sensitive wildlife areas, protected water supply areas, municipal boundaries, and planning area boundaries. The help file for the sensitive wildlife areas is linked to the NL Environment and Conservation website 'Endangered Species and Biodiversity' section.



Graduated dot plot showing the distribution of terbium (ppm) in the Strange Lake Area, Labrador. This data was downloaded from the detailed lake sediment sublayer of the Geochemistry Sites section as a shape file in latitude-longitude format (NAD27) and taken into ArcGIS for plotting the dot plot.



Increasing level of detail in layer information for map labels, transportation network and topographic base map as the scale is increased.