Mexico Multielement Geochemical GIS Database

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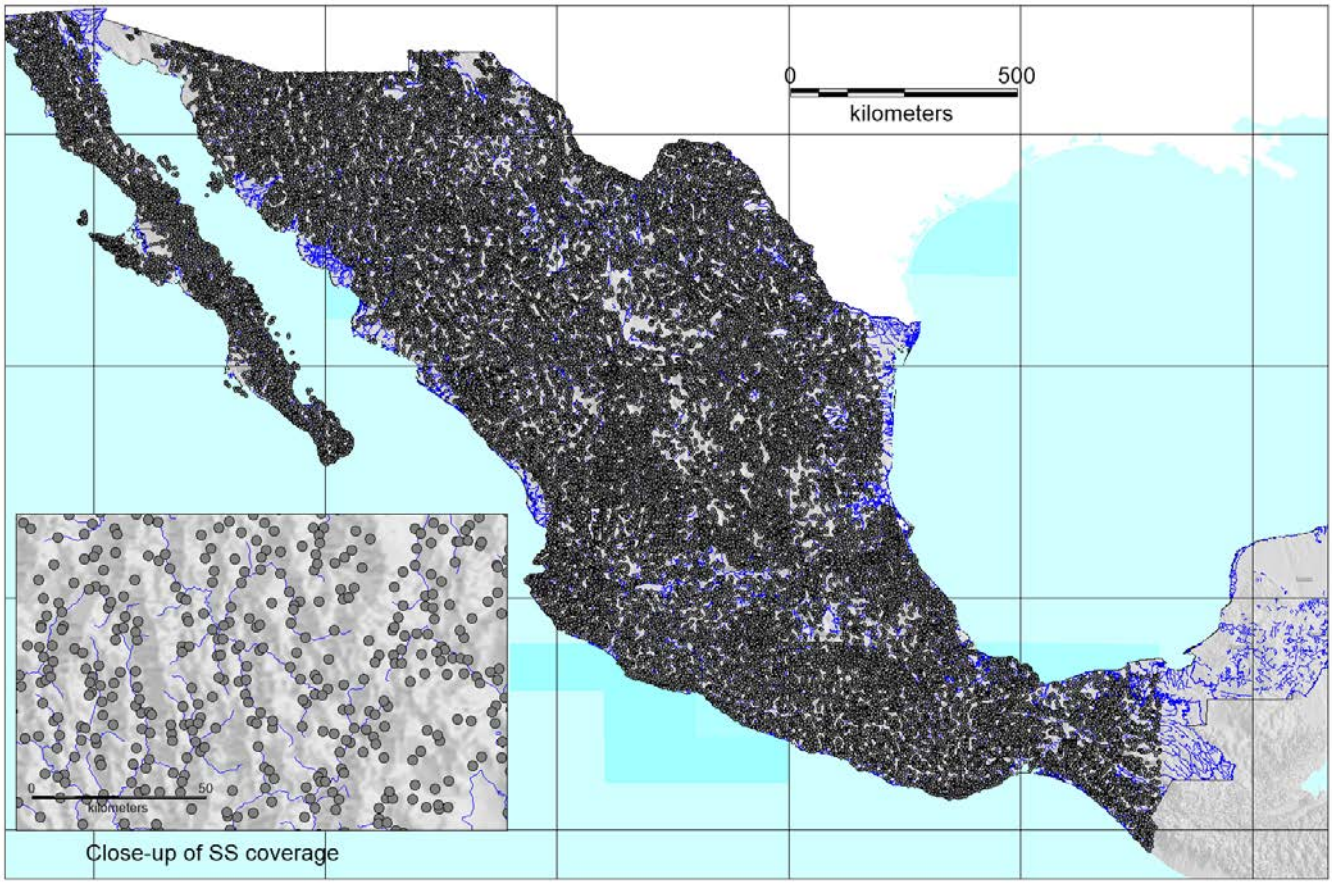
Multielement geochemical data for a total of 45,793 stream sediment samples has been captured and compiled (in Mapinfo or ArcGIS format) for almost all of Mexico. The database includes analytical results for Au, Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sc, Se, Sn, Sr, Te, Tl, U, W, and Zn plus some results for Ga, Ti and F.



Source of Data:

Sample locations were captured from 1:250,000-scale maps published by the SGM (Servicio Geológico Mexicano) by Gambusino Prospector de Mexico, S.A. de C.V. Original sample location maps and geochemical data (as raster images and pdf files) can be downloaded from the SGM website at: www.sgm.gob.mx/publicaciones_sgm/Municipio_b.jsp?wparam=4. Gambusino Prospector (www.gambusinoprospector.com) is available on a consulting basis for target selection, field work and exploration services in general.

Sampling and Analytical Procedure:

Samples of active stream sediment, collected according to procedures established by the U.S. Geological Survey and the Canadian Geological Survey, were screened on site to minus 80 mesh.

Geochemical analyses for Au, Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sc, Se, Sn, Sr, Te, Tl, U, W, and Zn (plus some results for Ga, Ti and F) were performed at the SGM lab (formerly the Consejo de Recursos Minerales) by inductively coupled plasma - emission spectrometry (ICP-ES). Gold was first subjected to a fire assay preparation procedure; volatile elements including Sb, As, Te, Se, Sn and Bi were stabilized by hydride prior to analysis. Detection limits were 1 ppb for Au, Se, Te and 0.1 ppm for most other elements.

Mexico Multielement Geochemical Database:

Multielement geochemical data for a total of 45,793 samples are provided in either MapInfo table (.tab) or ArcGIS shape file (.shp) format along with drainages and a shaded relief base map as well as maps showing anomalies for base and precious metals.

Pricing:

GIS database, in either ArcGIS or MapInfo format, for 45,793 stream sediment samples (31 elements) of Mexico:	US $23,000
Analytical results as described above for selected areas:	$1 per sample