

Dominican Republic Multielement Geochemical Database

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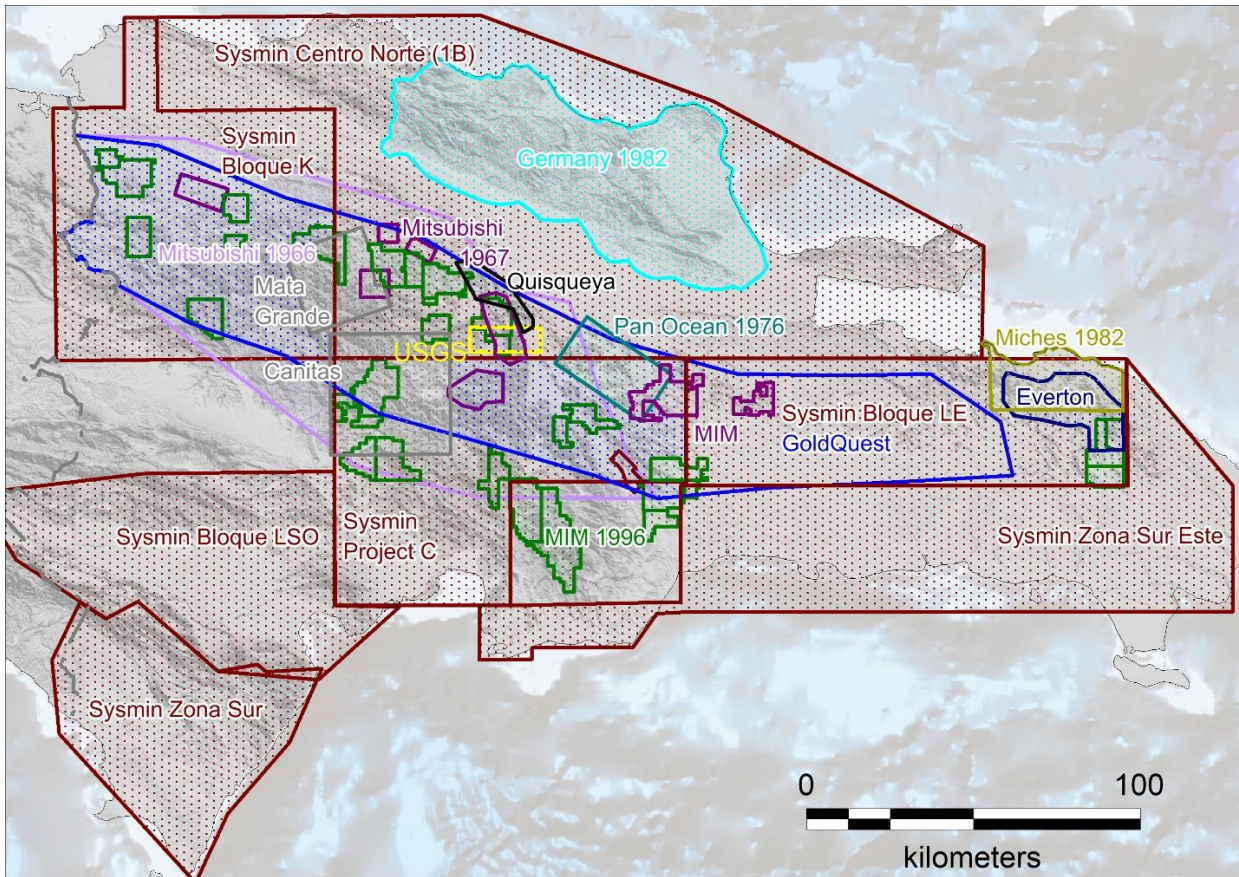
Recursos del Caribe, S.A. (RdC) offers multielement geochemical data for the Dominican Republic in GIS format (MapInfo or ArcGIS) for over 25,000 stream sediment samples along with supporting documentation including pdf copies of original reports, sample location maps and analytical data. Of these, a total of 8467 stream sediment samples covering the entire country are provided in vector format.

Stream sediment surveys in the Dominican Republic began in the 1960's with a multi-year program focused on base metals, especially copper. Beginning in the 1980's, stream sediment surveys focused increasingly on precious metals. Examples include programs carried out by Rosario Dominicana in the Pueblo Viejo District, by the Japan International Cooperation Agency (JICA) and the United States Geological Survey (USGS) in the western Cordillera, and by the Direccion General de Minería in the Cordillera Septentrional. The most comprehensive geochemical survey, covering the entire country, was carried out by the SYSMIN program (2000-2010) under the sponsorship of the Commission of the European Union. The SYSMIN data (40 elements for 8,466 samples) has been compiled and is provided here as vector files. The uncompiled SYSMIN data is available from the Servicio Geologico Nacional (SGN).

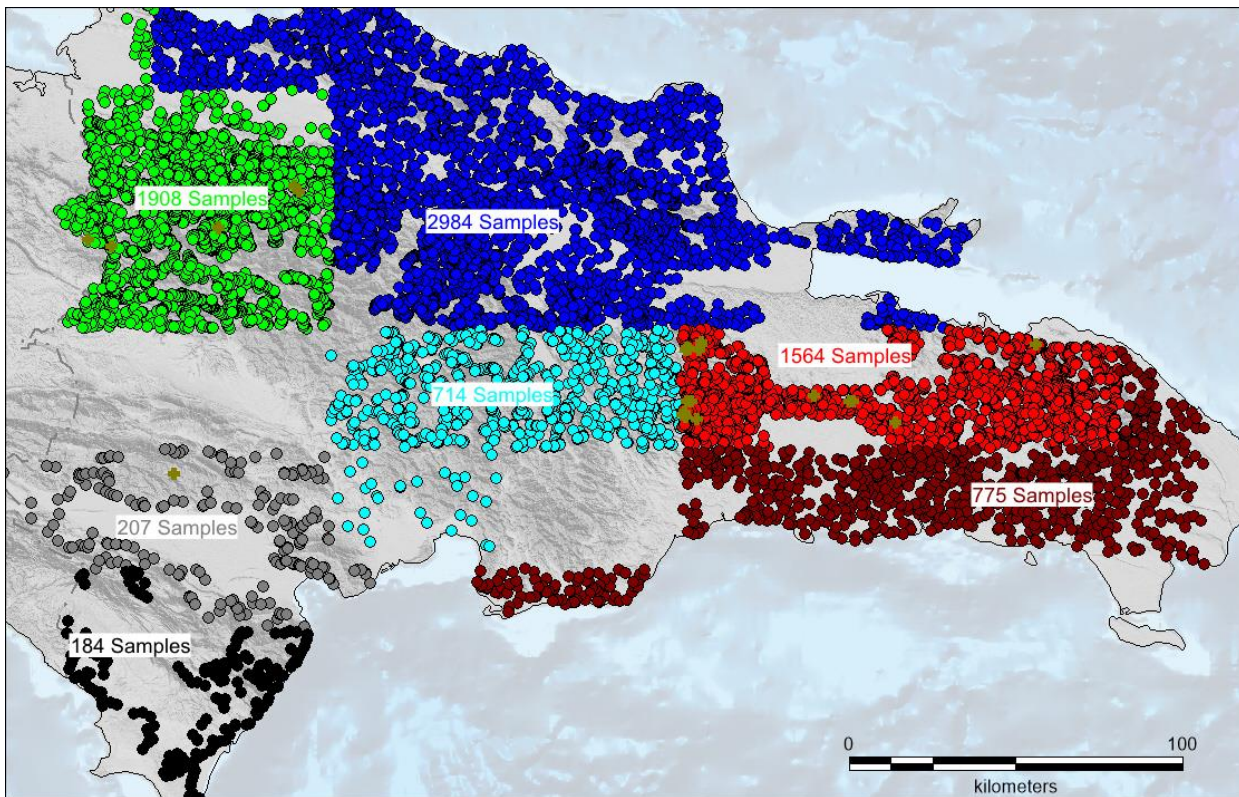
The area covered by each stream sediment survey included in the database is shown in map form on the following page. Also shown are the areas covered by two additional surveys (not included in the dataset) conducted by GoldQuest and Mount Isa Mines. A summary table lists, for each survey, the number of samples collected, the elements analyzed and the laboratory where the analyses were performed. Similar multielement geochemical databases are available for other countries including Mexico, Nicaragua, Panama, Ecuador and Colombia at (<http://www.cbmap.net/wp-content/uploads/caribbean-stream-sediment-surveys-summary.pdf>).

The Dominican Republic is host to a number of deposit types including lateritic nickel-cobalt, volcanogenic massive sulfide, and epithermal deposits. The Falcondo (Ni) and Pueblo Viejo (Au, Ag, Cu) mines have been in production since the 1970's followed by Cerro de Maimon (Cu, Au, Ag) in the 1990's. Porphyry copper deposits are recognized in the Central Cordillera on the Haitian side of the border.

Pricing for the Dominican Republic multielement geochemical database is provided on the final page of this handout.



Dominican Republic stream sediment survey coverage



Dominican Republic stream sediment sample locations, SYSMIN program
Stream Sediment Surveys of the Dominican Republic

Program	Location	Area (sq km)	Number of ss samples	Sample density	Elements Analyzed	Lab
Mitsubishi Metal Mining Agency (1960's)	Western Cordillera	7,700	6152	0.8	total heavy metals, Cu	Falcondo?
Mitsubishi (1960's)	Donaja	170	951	5.6	total heavy	Falcondo?
	Rio Blanco	170	1128	6.7	metals, Cu	Falcondo?
	Jayaco	196	1954	10		Falcondo?
	Neita	145	805	5.5		Falcondo?
	Baiguaque	60	916	15.3		Falcondo?
	Palero	36	451	12.5		Falcondo?
	Mata de Jobo	90	567	6.3		Falcondo?
Eberle (1982)	Cordillera Septentrional	4500			Cu, Pb, Zn, Ni Co, Au, Ag, As	DMGH
Eberle and Muff -1982	Cordillera Septentrional	20	328	16.4	Cu, Pb, Zn, Ni Co, Ag, Mo, Mn, As	DMGH
Hirdes (1982)	Pedro Garcia	50	980	20	Cu, Pb, Zn, Ni, Co Ag, Mo, Mn, As	DMGH
Rosario Dominicana - 1984	La Cuaba	40	529	13.2	Au	DMGH
Las Canitas - 1984	Western Cordillera	1953	1968	1	Au, Ag, Cu, Pb, Zn, As	Japan
M.I.M. Ltd. 1997	Cordillera Central	13,160			BLEG Au plus trace	American Assay
USGS (1984)	Jayaco	170	69		31 elements	USGS
SYSMIN Pilot Program	Cordillera Southwestern		130		Au, Ag, As,	Activation
Bloque LSO	DR Eastern	4,841	207	0.04	Hg, Sb	Laboratories
Bloque LE	Cordillera Western	5005	1564	0.31	Cu, Pb, Zn, Mo	
Bloque K	Cordillera Central	6542	1908	0.29	plus 40 major	
Project C	Cordillera	5858	714	0.12	and minor	
Project 1B	Northern DR	16,631	2984	0.18	elements	
Zona Sur	Southern DR	3598	185	0.05	using ICP-AES	
Zone Sur Este	Southeastern DR	7600	775	0.10	and INAA	
total			25,265		in vector format:	8,467

Pricing

Multielement geochemical data is provided for 25,265 stream sediment samples. All of the data is in the public domain. The data set includes original reports (as pdf files), sample location maps (as georeferenced tiff images) and analytical data (as appendices). Data for a total of 8,467 samples, from the SYSMIN survey, is provided in digital format (as vector files). Data for the GoldQuest and M.I.M. surveys is not included.

Cost of the RdC multielement geochemical dataset is US\$26,000.

Prospective clients are invited to “test drive” the dataset via a screen sharing session before making a purchase.

For information on multielement geochemical surveys for other countries go to:
<http://www.cbmap.net/wp-content/uploads/caribbean-stream-sediment-surveys-summary.pdf>.