

Dominican Republic Multielement Geochemical Database

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Recursos del Caribe, S.A.

www.cbmap.net

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Recursos del Caribe, S.A. offers multielement geochemical data for the Dominican Republic in GIS format (MapInfo or ArcGIS). The database contains 25,195 stream sediment samples along with supporting documentation including pdf copies of original reports, sample location maps and analytical data. A total of 8466 samples covering the entire country are provided in vector format.

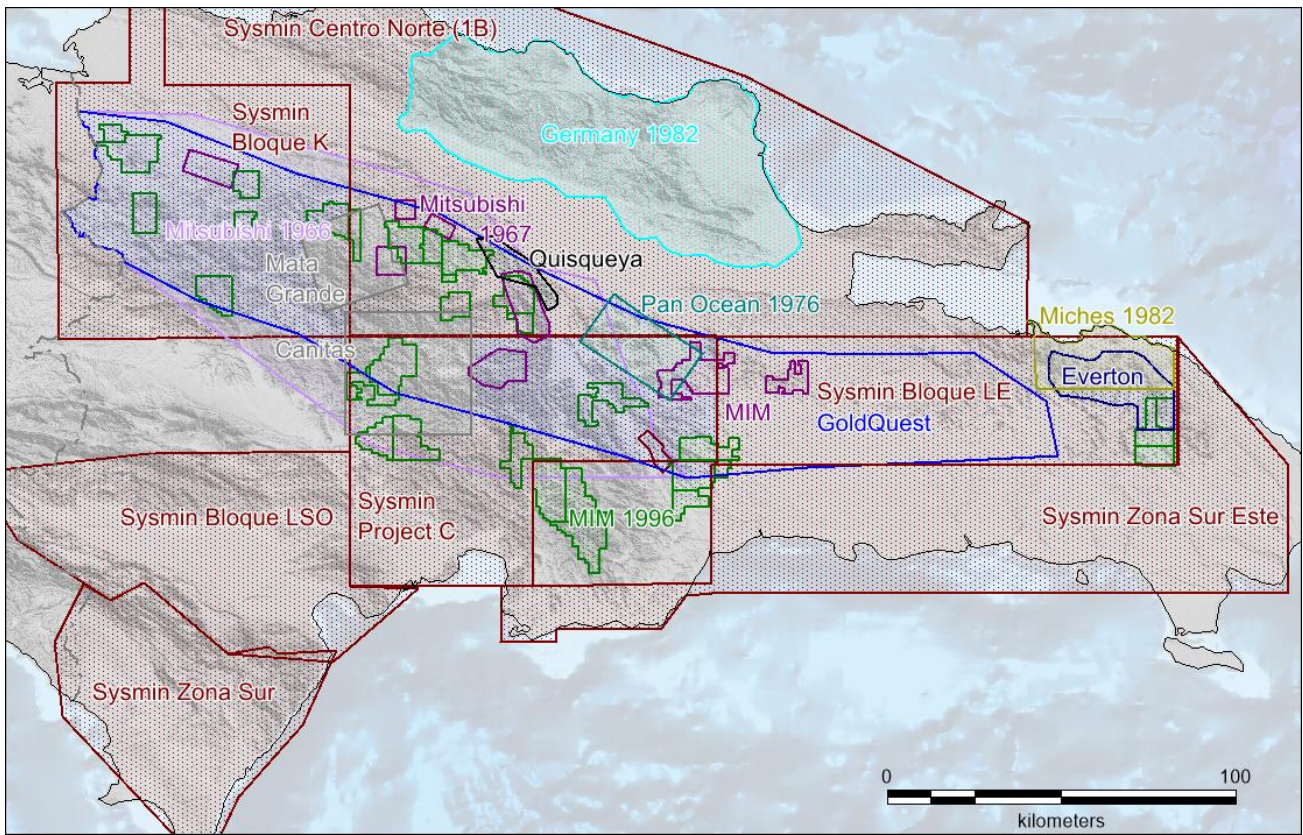
Stream sediment surveys in the Dominican Republic began in the 1960's with a multi-year program focused on base metals, especially copper. Mitsubishi Metal Mining Agency covered much of the western cordillera and later followed up with detailed surveys over the principal anomalous areas.

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) in the western Cordillera (Las Canitas), by the Direccion General de Minería with support from the Bundesanstalt für Geowissenschaften und Rohstoffe and, during the 1990's, by Mount Isa Mines in selected areas across the entire country. The largest and most comprehensive geochemical survey was carried out by the SYSMIN program (2000-2010) under the sponsorship of the Commission of the European Union. This program generated 40-element analytical data for 8,466 samples covering the entire country. The SYSMIN data is provided as vector files (in ArcGIS or in MapInfo format). The data is also available from the Servicio Geológico Nacional (www.sgn.gob.do).

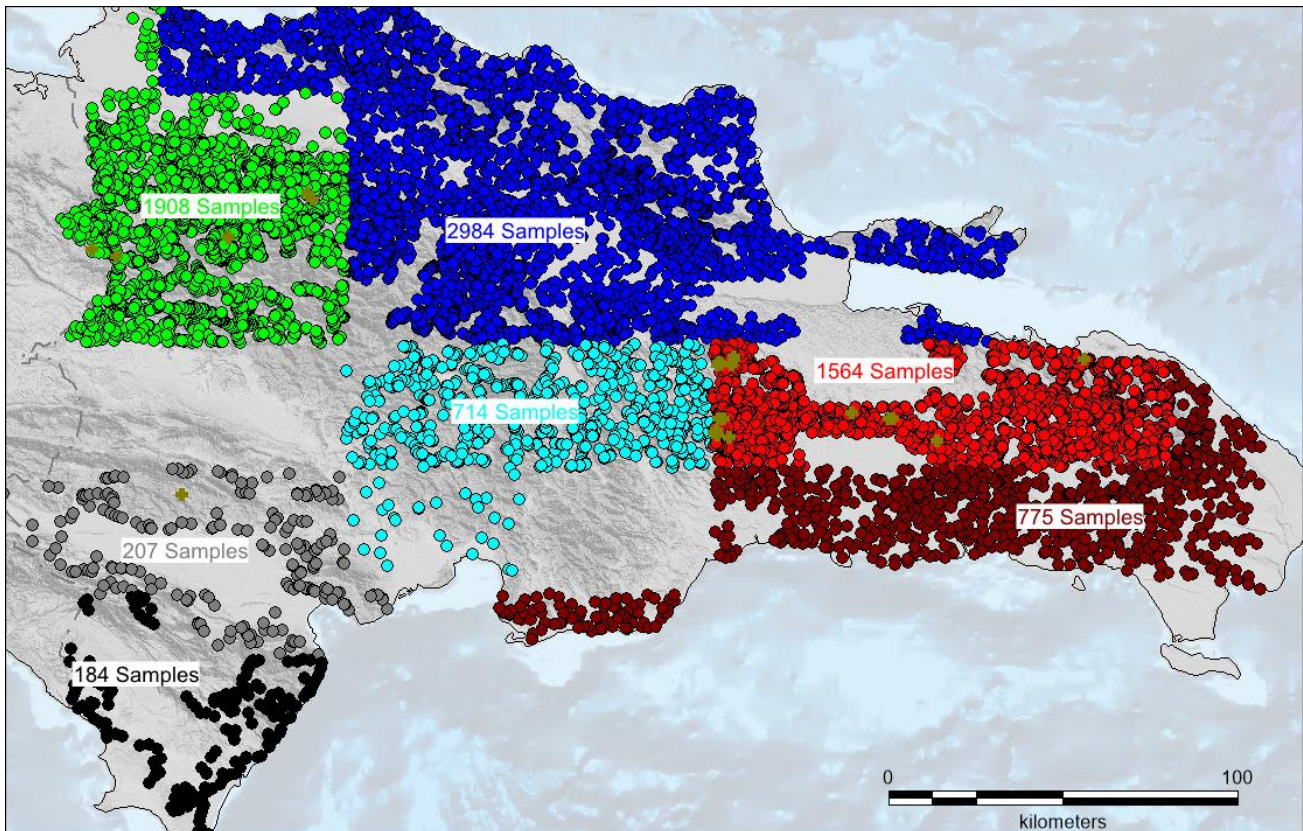
The area covered by each stream sediment survey included in the database is shown in map form on the following page. A summary table lists, for each survey, the number of samples collected, the elements analyzed and the laboratory where the analyses were performed. Similar multielement geochemical databases 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 and Pueblo Viejo mines have been in production since the 1970's followed by Cerro de Maimon in the 1990's. Porphyry copper deposits are recognized in the Central Cordillera but 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 sample coverage



Dominican Republic stream sediment sample locations

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 Oriente	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 Reserve	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. Mount Isa Mines (1997)	Cordillera Central	13,160			BLEG Au plus trace elements	American Assay
SYSMIN Pilot Program	Cordillera Southwestern		130		Au, Ag, As,	Activation Laboratorie s
Bloque LSO	DR Eastern	4,841	207	0.04	Hg, Sb	
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			25196		in vector format:	8,467

Pricing

Multielement geochemical data is provided for 25,196 stream sediment samples. 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 is provided in digital format (as vector files).

Cost of the database is US\$26,000.

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

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