

Date: Wed, 21 Nov 2001 10:35:32 -0800
From: JTW <jtwasson@ucla.edu>
Subject: Re: Laguna Manantiales
To: Art Ehlmann <a.ehlmann@TCU.EDU>
Cc: S Russell <Sara.Russell@nhm.ac.uk>
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Art

Yes, Laguna Manantiales is ungrouped. It is closely related to IIAB irons, but its Ni is below the IIIAB range, and low NI requires high Ir, but the Ir content is 2X lower than that at the low-Ni extreme of the group.

I have had these data for about 3 years, but perhaps no one has notified the Nomenclature Committee.

I will send a note to Sara Russell to query whether the data have reached that committee.

I also attach a formatted version of the table.

Regards,

John

Cr	Co	Ni	Cu	Ga	Ge	As	W	Re	Ir	Pt	Au
?g/g	mg/g	mg/g	?g/g	?g/g	?g/g	?g/g	?g/g	?g/g	ng/g	?g/g	?g/g
Laguna Manantiales	166	4.78	68.2	159	20.6	<100	3.38	1.24	690	7.34	14.6
Rateldraai	157	4.88	74.5	176	18.5	32.5	3.19	1.15	2960	18.1	16.4
		0.458									0.477

cc: S Russell

Attachment converted: Macintosh HD:aatemp.doc (WDBN/MSWD) (00018685)