

Posting type	Historical – applies only to downloads before 4/17/09
Subject	Invalid data for collocated (POC = 2) samples
Module/Species	A/ H, Na, Mg, Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe
Sites	MEVE1, OLYM1, PMRF1, SAFO1, SAMA1, TRCR1
Period	January – July, 2005
Recommendation	Treat light-element data from samples listed below as “missing”
Submitter	W.H. White, white@crocker.ucdavis.edu

Supporting information

As described by [Trzepla-Nabaglo](#), 71 collocated filter samples from the above sites and time period were set aside in early 2006 for recurring reanalyses as part of the XRF quality assurance program. They were removed from the normal analysis queue after analysis for Ni, Cu, Zn, As, Se, Br, Rb, Sr, Zr, and Pb on the Mo-anode XRF system, but before analysis for H on the cyclotron and Na – Fe on the Cu-anode XRF system. Faulty internal sample tracking led to reporting of zero or near-zero values for the light elements from analyses that were not actually performed on the following samples.

SITE	DATE	POC	SITE	DATE	POC	SITE	DATE	POC
MEVE1	1/28/2005	2	PMRF1	1/13/2005	2	SAMA1	1/28/2005	2
MEVE1	2/9/2005	2	PMRF1	2/12/2005	2	SAMA1	2/9/2005	2
MEVE1	2/12/2005	2	PMRF1	2/24/2005	2	SAMA1	2/27/2005	2
MEVE1	3/14/2005	2	PMRF1	3/17/2005	2	SAMA1	3/8/2005	2
MEVE1	4/4/2005	1	PMRF1	3/23/2005	2	SAMA1	3/11/2005	2
MEVE1	4/13/2005	2	PMRF1	4/1/2005	2	SAMA1	3/17/2005	2
MEVE1	4/16/2005	2	PMRF1	4/4/2005	2	SAMA1	3/29/2005	2
MEVE1	4/19/2005	2	PMRF1	4/10/2005	2	SAMA1	4/13/2005	2
MEVE1	5/13/2005	2	PMRF1	4/16/2005	2	SAMA1	4/19/2005	2
MEVE1	5/16/2005	2	PMRF1	4/22/2005	2	SAMA1	4/28/2005	2
MEVE1	5/25/2005	2	PMRF1	5/4/2005	2	SAMA1	5/7/2005	2
OLYM1	1/28/2005	2	PMRF1	5/16/2005	2	SAMA1	5/13/2005	2
OLYM1	2/3/2005	2	SAFO1	1/19/2005	2	SAMA1	5/16/2005	2
OLYM1	2/6/2005	2	SAFO1	1/28/2005	2	SAMA1	5/25/2005	2
OLYM1	2/12/2005	2	SAFO1	1/31/2005	2	SAMA1	5/28/2005	2
OLYM1	3/14/2005	2	SAFO1	3/14/2005	2	TRCR1	1/4/2005	2
OLYM1	3/17/2005	2	SAFO1	3/17/2005	2	TRCR1	1/22/2005	2
OLYM1	3/29/2005	2	SAFO1	3/23/2005	2	TRCR1	1/28/2005	2
OLYM1	4/4/2005	2	SAFO1	3/29/2005	2	TRCR1	2/24/2005	2
OLYM1	4/13/2005	2	SAFO1	4/4/2005	2	TRCR1	2/27/2005	2
OLYM1	4/28/2005	2	SAFO1	4/28/2005	2	TRCR1	3/26/2005	2
OLYM1	5/4/2005	2	SAFO1	5/28/2005	2	TRCR1	5/1/2005	2
OLYM1	5/13/2005	2				TRCR1	5/10/2005	2
OLYM1	5/28/2005	2				TRCR1	5/19/2005	2
OLYM1	7/30/2005	2						