

Lead-210 Analysis by Liquid Scintillation Sample Results Summary

Client Name: New Horizons

Laboratory Name: Paragon Analytics

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Client Project Name: CSMRI

PAI Work Order: 0404284

Reported on: Friday, June 18, 2004

Client Project Number: 2135

11:15:57 AM

Lab Sample ID	Client Sample ID	Sample Type	Nuclide	Result +/- 2 s TPU	MDC	Units	Matrix	Prep Batch	Date Analyzed	Flags
0404284-1	Area I Bottom	Sample	Pb-210	50 +/- 12	1	pCi/g	SOIL	PB040513-1	6/14/2004	Y2,M3
0404284-2	Area K Bottom	Sample	Pb-210	17.4 +/- 4.2	0.4	pCi/g	SOIL	PB040513-1	6/14/2004	
0404284-3	H-10-2	Sample	Pb-210	640 +/- 150	0	pCi/g	SOIL	PB040513-1	6/15/2004	Y1

PRELIMINARY RESULTS!!

Comments:

Data Package ID: *pb2100404284-1*

Qualifiers/Flags:

U - Result is less than the sample specific MDC.

LT - Result is less than Requested MDC, greater than sample specific MDC.

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits.

M - The requested MDC was not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

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Paragon Analytics

LIMS Version: 5.031A

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