

# Lead-210 Analysis by Liquid Scintillation Sample Results Summary

Client Name: New Horizons

Laboratory Name: Paragon Analytics

Page: 1 of 1

Client Project Name: CSMRI

PAI Work Order: 0405025

Reported on: Friday, June 18, 2004

Client Project Number: 2135

11:16:42 AM

Lab Sample ID	Client Sample ID	Sample Type	Nuclide	Result +/- 2 s TPU	MDC	Units	Matrix	Prep Batch	Date Analyzed	Flags
0405025-2	IC1001	Sample	Pb-210	3.48 +/- 0.89	0.41	pCi/g	SOIL	PB040513-1	6/15/2004	
0405025-4	IC1002	Sample	Pb-210	3.32 +/- 0.86	0.44	pCi/g	SOIL	PB040513-1	6/15/2004	
0405025-6	IC1003	Sample	Pb-210	3.8 +/- 1.0	0.7	pCi/g	SOIL	PB040513-1	6/15/2004	M3
0405025-8	KC1004	Sample	Pb-210	4.0 +/- 1.0	0.5	pCi/g	SOIL	PB040513-1	6/16/2004	
0405025-10	IC1005	Sample	Pb-210	11.3 +/- 2.8	0.5	pCi/g	SOIL	PB040513-1	6/16/2004	
0405025-12	IC1006	Sample	Pb-210	2.73 +/- 0.73	0.43	pCi/g	SOIL	PB040513-1	6/16/2004	
0405025-14	IC1007	Sample	Pb-210	5.7 +/- 1.4	0.6	pCi/g	SOIL	PB040513-1	6/16/2004	M3

## PRELIMINARY RESULTS!!

### Comments:

Data Package ID: *pb2100405025-1*

#### 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

Date Printed: Friday, June 18, 2004

Paragon Analytics

Page 1 of 1

LIMS Version: 5.031A