



2609 North River Road, Port Allen, Louisiana 70767

1 (800) 401-4277 FAX (225) 381-2996

ARS Sample Delivery Group: ARS1-08-00828
 Client Sample ID: Core Sample No 1A
 Sample Collection Date: 05/01/08
 Sample Matrix: Soil/Solid

Request or PO Number: N/A
 ARS Sample ID: ARS1-08-00828-001
 Date Received: 05/01/08
 Report Date: 05/22/08 08:44

Analysis Description	Analysis Results	Analysis Error +/- 2 s	MDC	DLC	Analysis Units	Analysis Test Method	Analysis Date/Time	Analysis Technician	Tracer/Chem Recovery
BE-7	-7.400	4.102	13.200	6.600	pCi/g	ARS-007/ EPA901.1M	5/21/08 9:41	JLA	N/A
K-40	53.961	9.040	18.900	9.450	pCi/g	ARS-007/ EPA901.1M	5/21/08 9:41	JLA	N/A
SC-46**	31.651	1.127	1.840	0.920	pCi/g	ARS-007/ EPA901.1M	5/21/08 9:41	JLA	N/A
CO-60	0.132	0.573	1.930	0.965	pCi/g	ARS-007/ EPA901.1M	5/21/08 9:41	JLA	N/A
CS-137	0.189	0.862	2.870	1.435	pCi/g	ARS-007/ EPA901.1M	5/21/08 9:41	JLA	N/A
TL-208	37.869	1.386	1.350	0.675	pCi/g	ARS-007/ EPA901.1M	5/21/08 9:41	JLA	N/A
PB-210	415.550	22.729	20.000	10.000	pCi/g	ARS-007/ EPA901.1M	5/21/08 9:41	JLA	N/A
BI-212*	85.468	6.208	11.600	5.800	pCi/g	ARS-007/ EPA901.1M	5/21/08 9:41	JLA	N/A
BI-214	410.770	12.565	3.170	1.585	pCi/g	ARS-007/ EPA901.1M	5/21/08 9:41	JLA	N/A
PB-214	484.990	20.059	3.270	1.635	pCi/g	ARS-007/ EPA901.1M	5/21/08 9:41	JLA	N/A
<u>RA-226@</u>	986.950	27.611	25.900	12.950	pCi/g	ARS-007/ EPA901.1M	5/21/08 9:41	JLA	N/A
RA-228	128.340	5.429	5.740	2.870	pCi/g	ARS-007/ EPA901.1M	5/21/08 9:41	JLA	N/A
TH-228	144.760	4.654	1.840	0.920	pCi/g	ARS-007/ EPA901.1M	5/21/08 9:41	JLA	N/A
U-235*	37.830	3.419	7.390	3.695	pCi/g	ARS-007/ EPA901.1M	5/21/08 9:41	JLA	N/A

NOTES: @ Ra-226 activity may be elevated due to U-235.

Project Manager Review

Notes: American Radiation Services, Inc. assumes no liability for the use or interpretation of any analytical results provided other than the cost of the analysis itself. Reproduction of this report in less than full requires the written consent of the client.

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2609 North River Road, Port Allen, Louisiana 70767

1 (800) 401-4277 FAX (225) 381-2996

ARS Sample Delivery Group: ARS1-08-00828
 Client Sample ID: Core Sample No 2B
 Sample Collection Date: 05/01/08
 Sample Matrix: Soil/Solid

Request or PO Number: N/A
 ARS Sample ID: ARS1-08-00828-002
 Date Received: 05/01/08
 Report Date: 05/22/08 08:44

Analysis Description	Analysis Results	Analysis Error +/- 2 s	MDC	DLC	Analysis Units	Analysis Test Method	Analysis Date/Time	Analysis Technician	Tracer/Chem Recovery
BE-7	-1.865	2.269	6.960	3.480	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:54	JLA	N/A
K-40	30.139	5.324	9.290	4.645	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:54	JLA	N/A
SC-46**	10.255	0.445	1.010	0.505	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:54	JLA	N/A
CO-60	0.437	0.307	1.020	0.510	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:54	JLA	N/A
CS-137	-1.014	0.363	1.170	0.585	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:54	JLA	N/A
TL-208	9.356	0.590	0.902	0.451	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:54	JLA	N/A
PB-210	140.880	8.356	9.990	4.995	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:54	JLA	N/A
BI-212	30.889	3.433	6.070	3.035	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:54	JLA	N/A
BI-214	134.610	4.344	1.630	0.815	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:54	JLA	N/A
PB-214	157.450	6.622	1.840	0.920	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:54	JLA	N/A
<u>RA-226@</u>	312.820	10.624	14.400	7.200	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:54	JLA	N/A
RA-228	35.356	2.215	3.290	1.645	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:54	JLA	N/A
TH-228	36.927	1.319	1.190	0.595	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:54	JLA	N/A
U-235	13.145	1.797	4.090	2.045	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:54	JLA	N/A

NOTES: @ Ra-226 activity may be elevated due to U-235.

Project Manager Review

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2609 North River Road, Port Allen, Louisiana 70767

1 (800) 401-4277 FAX (225) 381-2996

ARS Sample Delivery Group: ARS1-08-00828
 Client Sample ID: Core Sample No 3C
 Sample Collection Date: 05/01/08
 Sample Matrix: Soil/Solid

Request or PO Number: N/A
 ARS Sample ID: ARS1-08-00828-003
 Date Received: 05/01/08
 Report Date: 05/22/08 08:44

Analysis Description	Analysis Results	Analysis Error +/- 2 s	MDC	DLC	Analysis Units	Analysis Test Method	Analysis Date/Time	Analysis Technician	Tracer/Chem Recovery
BE-7	-0.025	0.962	3.300	1.650	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:55	JLA	N/A
K-40*	37.912	3.713	5.020	2.510	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:55	JLA	N/A
SC-46**	5.480	0.260	0.459	0.230	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:55	JLA	N/A
CO-60	0.164	0.179	0.603	0.302	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:55	JLA	N/A
CS-137	0.052	0.154	0.523	0.262	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:55	JLA	N/A
TL-208	7.082	0.391	0.459	0.230	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:55	JLA	N/A
PB-210	63.647	4.465	7.040	3.520	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:55	JLA	N/A
BI-212	16.641	2.846	4.840	2.420	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:55	JLA	N/A
BI-214	64.672	2.189	0.871	0.436	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:55	JLA	N/A
PB-214	75.740	3.254	1.140	0.570	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:55	JLA	N/A
RA-226* [@]	156.160	6.984	10.400	5.200	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:55	JLA	N/A
RA-228	21.740	1.290	1.650	0.825	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:55	JLA	N/A
TH-228	22.458	0.836	0.652	0.326	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:55	JLA	N/A
U-235	5.413	0.950	2.280	1.140	pCi/g	ARS-007/ EPA901.1M	5/21/08 10:55	JLA	N/A

NOTES: @ Ra-226 activity may be elevated due to U-235.

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